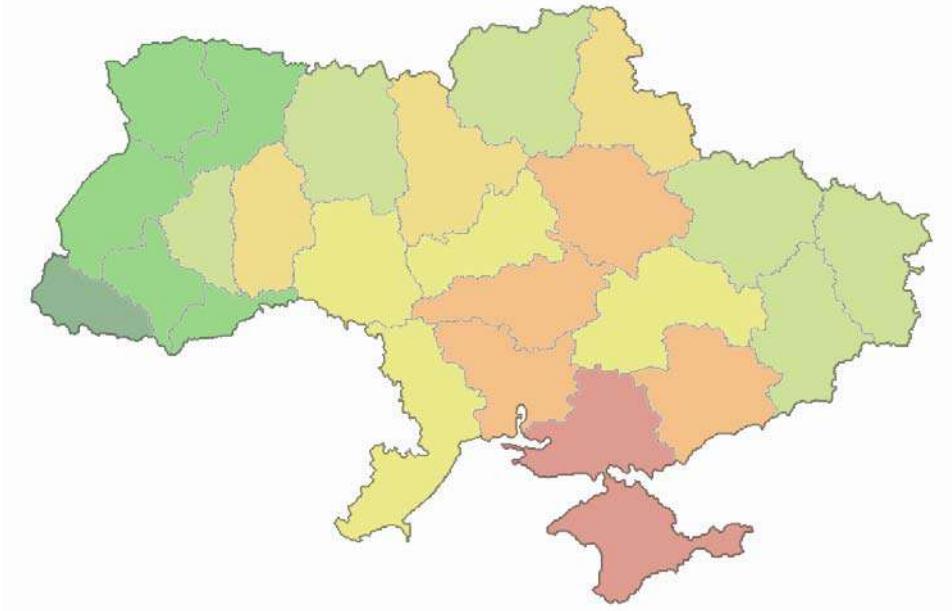


**NATIONAL CANCER INSTITUTE OF UKRAINE**

# **CANCER IN UKRAINE, 2014-2015**

***Incidence, mortality,  
activities of oncological service***



**BULLETIN OF NATIONAL CANCER  
REGISTRY OF UKRAINE**

**Nº 17**

***Kyiv – 2016***

**Authors:**

Fedorenko Zoja P., PhD, Michailovich Youriy Yo., PhD,  
Goulak Lyudmyla O., PhD, Gorokh Yevgeniy L., PhD,  
Ryzhov Anton Yu., PhD, Soumkina Olena V.,  
Koutsenko Lyubov B.

**Editor-in-chief:**

Director of National Cancer Institute of Ukraine,  
Doctor of Medical Sciences, *Kolesnik Olena O.*

**Our address:**

National Cancer Institute of Ukraine  
Ukrainian National Cancer Registry  
Lomonosova str., 33/43  
Kyiv, 03022 UKRAINE  
tel: (38) - (044) - 257-76-14  
e-mail: **ncr.ukraine@gmail.com**  
**<http://www.ncru.inf.ua>**

## Contents

|                                                                                                                                    | Page                            |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Glossary                                                                                                                           | 2                               |
| Description of rates in tables                                                                                                     | 2                               |
| The relative frequency of the 10 leading cancer sites by gender, 2014 - incidence                                                  | 5                               |
| The relative frequency of the 10 leading cancer sites by gender, 2014 - mortality                                                  | 5                               |
| Age distribution - incidence 2014, mortality 2014                                                                                  | 5                               |
| The relative frequency of the 5 leading cancer sites by age groups and gender, 2014 – incidence                                    | 6                               |
| The relative frequency of the 5 leading cancer sites by age groups and gender, 2014 - mortality                                    | 7                               |
| The relative frequency of the 10 leading cancer sites in Ukraine with non-melanoma of skin excluded, 2014 – incidence              | 8                               |
| The relative frequency of the 5 leading cancer sites with non-melanoma of skin excluded by age groups and gender, 2014 – incidence | 8                               |
| Cancer prevalence, 2015                                                                                                            | 9                               |
| <b>Site:</b>                                                                                                                       | <b>ICD-10:</b>                  |
| All sites                                                                                                                          | C00-C96 10                      |
| All sites (non-melanoma of skin excluded)                                                                                          | C00-C96 (C44,C46.0 excluded) 12 |
| Lip                                                                                                                                | C00 14                          |
| Oral cavity                                                                                                                        | C01-C08,C46.2 16                |
| Pharynx                                                                                                                            | C09-C14 18                      |
| Oesophagus                                                                                                                         | C15 20                          |
| Stomach                                                                                                                            | C16 22                          |
| Colon                                                                                                                              | C18 24                          |
| Rectum, anus                                                                                                                       | C19-C21 26                      |
| Liver                                                                                                                              | C22 28                          |
| Pancreas                                                                                                                           | C25 30                          |
| Larynx                                                                                                                             | C32 32                          |
| Trachea, bronchus, lung                                                                                                            | C33- C34 34                     |
| Bones, joints and articular cartilage                                                                                              | C40-C41 36                      |
| Melanoma of skin                                                                                                                   | C43 38                          |
| Other skin                                                                                                                         | C44,C46.0 40                    |
| Breast                                                                                                                             | C50 42                          |
| Cervix uteri                                                                                                                       | C53 44                          |
| Corpus uteri                                                                                                                       | C54 46                          |
| Ovary                                                                                                                              | C56 48                          |
| Prostate                                                                                                                           | C61 50                          |
| Kidney                                                                                                                             | C64 52                          |
| Urinary bladder                                                                                                                    | C67 54                          |
| Brain                                                                                                                              | C71 56                          |
| Thyroid                                                                                                                            | C73 58                          |
| Hodgkin's disease                                                                                                                  | C81 60                          |
| Non-Hodgkin's lymphoma                                                                                                             | C82-C85 62                      |
| Multiple myeloma                                                                                                                   | C90 64                          |
| Leukaemia                                                                                                                          | C91-C95 66                      |
| Undefined primary                                                                                                                  | C77-C80 68                      |
| Children – All sites                                                                                                               | C00-C96 70                      |
| Annex A - Cancer incidence rates by site, age and gender, Ukraine, 2014                                                            | 72                              |
| Annex B - Cancer mortality rates by site, age and gender, Ukraine, 2014                                                            | 76                              |
| Annex C – Rates of cancer prevalence by gender and regions, 2015                                                                   | 80                              |
| Implementation of ICCC-3 in the National Cancer Registry of Ukraine                                                                | 83                              |

## **GLOSSARY**

**Crude incidence (mortality) rate (CR)** - number of new cancer cases (or cases of death from cancer) observed in a population during a year divided by the average number of this population in the same year, expressed per 100 000. It describes the frequency of new cases in a population of a region and used for the analysis of epidemiological situation in a region.

**Age-standardized incidence (mortality) rate (ASR)** – incidence (mortality) rate in a population calculated applied to the age distribution of a "standard population". The World Standard Population is widespread used for comparison of cancer levels between countries. *The Ukrainian Standard Population* was calculated in Ukrainian National Cancer Registry based on the age distribution of Ukrainian population in 2000. ASR with Ukrainian Standard Population is advisable for comparing cancer incidence (mortality) levels between the regions of Ukraine or in time analysis of the incidence in a region.

**Standard error (SE)** presents some measure of precision of the estimated age-standardized rate; it is used for estimation of its confidence interval.

**Prevalence rate** is number of population with cancer at the end of a year divided by the number of the population, expressed per 100 000. It describes the level of cancer prevalence in a population, usually used for determination of logistical support and peopleware in the oncological medical services.

## **DESCRIPTION OF RATES IN TABLES**

All information in the Bulletin is calculated based on the personified data bases of regional cancer registries which are component parts of National Cancer Registry (NCR) of Ukraine.

The information is given by articles that represent selected nosologic forms of cancer with the correspondent ICD-10 codes. Separate article contains information about children (0-17 years old). Children cancer incidence and mortality rates by nosologic forms are included into the corresponding articles.

**Please note** that in 2016 NCR did not receive database from AR Krym, Sevastopol city, Donetska and part of Louganska oblasts. That is why number of cancer patients, cancer cases and deaths from cancer in Ukraine as a whole does not cover the cases occurred in these regions. All rates are calculated for the population of the regions from which data were received.

**Table 1** of each article includes rates for 2014 calculated based on the adjusted data, which were received until the end of 2015. All rates are given for total, male and female population. Age-standardized rates are given for World Standard Population and Ukrainian Standard Population (see Glossary). Children cancer rates are calculated for the number of children population aged 0-17 years.

**Change of incidence rate** is not calculated because of lack of data from all regions of Ukraine.

Rate "**Lived less than 1 year since the diagnosis in 2014**" is calculated with respect to the total number of cancer patients with diagnosis of 2014, regardless of whether they were diagnosed and registered alive or dead.

Rate "**From among the newly diagnosed – diagnosed post mortem**" is calculated as a ratio of number of cancer patients with post mortem diagnosis to the total number of those diagnosed in 2014.

Rate "**Microscopically verified**" is a proportion of cancer cases of 2014 verified with histological or cytological examination. Rate "**Verified with histology**" is calculated as a proportion of

histologically verified cases of the total number of cancer cases of 2014.

**"Not specified morphology"** is a percentage of microscopically verified cases with ICDO morphology codes 8000-8005.

Rate "**Patients diagnosed during the preventive medical examinations**" is defined as a ratio of patients with cancer determined during the preventive medical examination or in a doctor's consulting room for women of the total number of cancer patients of 2014.

Rate "**Newly diagnosed patients received the special treatment**" is a ratio of cancer patients who received the special anticancer treatment (curative, palliative or prophylactic anticancer therapy), along with surgery or without it, during 12 months from the moment of diagnosis, to the total number of cancer patients. Ratio of patients received "**combined or complex scheme of treatment**" shows percentage of patients who received chemotherapy, hormonal treatment, immunotherapy and radio-therapy along with surgery, as distinct from those who received "**surgical treatment only**" (*since this year these proportions are given referred to the whole number of new patients and not to the number of treated as previously*).

Rates "**Incidence and mortality of children population**" are calculated as a ratio of number of cancer cases and deaths from cancer in population of persons under 18 years old at time of diagnosis or death to the total number of children population of the correspondent gender.

**Table 2 - Incidence and mortality, 2014** includes rates by administrative territories (oblasts and Autonomous Republic of Crimea). All rates are given for total, male and female population in according to such pattern: crude rate, age-standardized rate (World Standard Population) and age-standardized rate (Ukrainian Standard Population). These data are calculated considering corrections and additive information received by regional registries during 2015.

**Table 3 - Incidence and mortality, 2015** includes incidence rates by administrative territories according to the on-line data of regional cancer registries. The rates are given for total, male and female population in according to a pattern: number of cases and crude rate. In contrast to Table 2, this Table includes on-line (not adjusted) data that were registered until the beginning of 2015, and therefore these rates could change after receiving the additional information at a later date.

#### **Comparing of rates in Table 2 and Table 3 is improper.**

**Table 4** includes some important rates of 2015 calculated based on the on-line data of regional registries. Rates "**Stage distribution of new cases, 2015, according to TNM**" consist of proportions of cancer patients with respective stage that was automatically defined based on (p)TNM indices (TNM classification of the 6th edition was used). Column "**Not determined**" accounts cancers that are subject to TNM staging system but were registered without TNM indices (though they are to be classified) or the indices were incorrect or any other relevant information was missed (e.g. differentiation grade of tumour of bones, etc.). Cancers that are not subject to staging by TNM were not taken into account in "Not determined" stage. The articles **Hodgkin lymphoma** and **Non-Hodgkin lymphoma** include distribution by Ann-Arbour stages. The article **Leukaemia** includes proportions of acute, sub-acute, chronic and unspecified forms of the disease. The **Children** article shows number of children with not specified stage of solid cancers (C00-C80), lymphomas (C81-C85) and unspecified form of leukaemia (C91-C95).

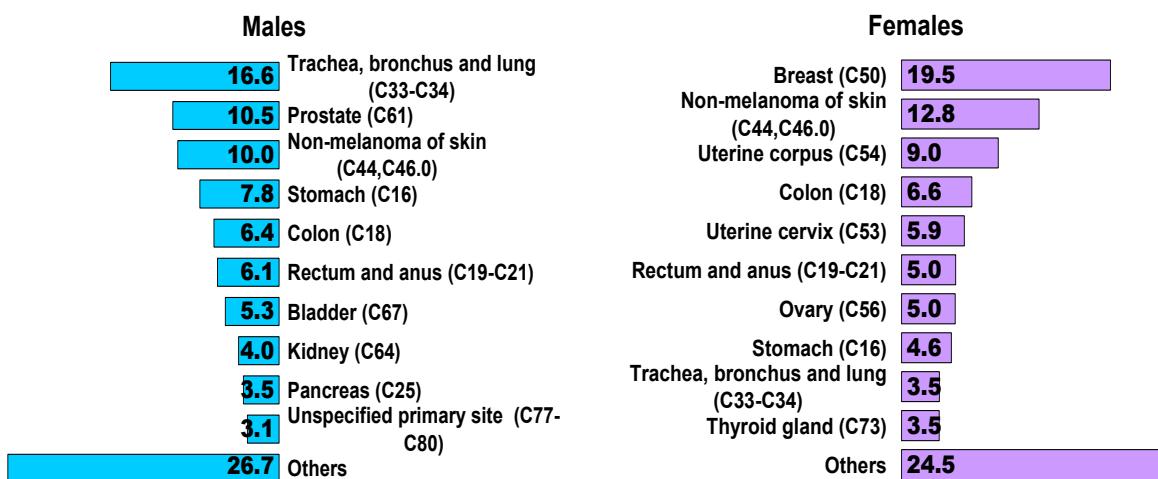
The distribution by stage as well as rates "**Received special treatment**" and "**During the preventive examination**" are calculated as a ratio of the corresponding on-line number of cancer patients of 2015 to the total number of new cancer patients registered in 2015, and rate "**Microscopically verified**" is calculated based on the relevant *cancer cases*.

Rate "Lived less than 1 year since diagnosis in 2014" is calculated in a similar way to that described in Table 1. Number of cancer patients who were diagnosed post-mortem is also given.

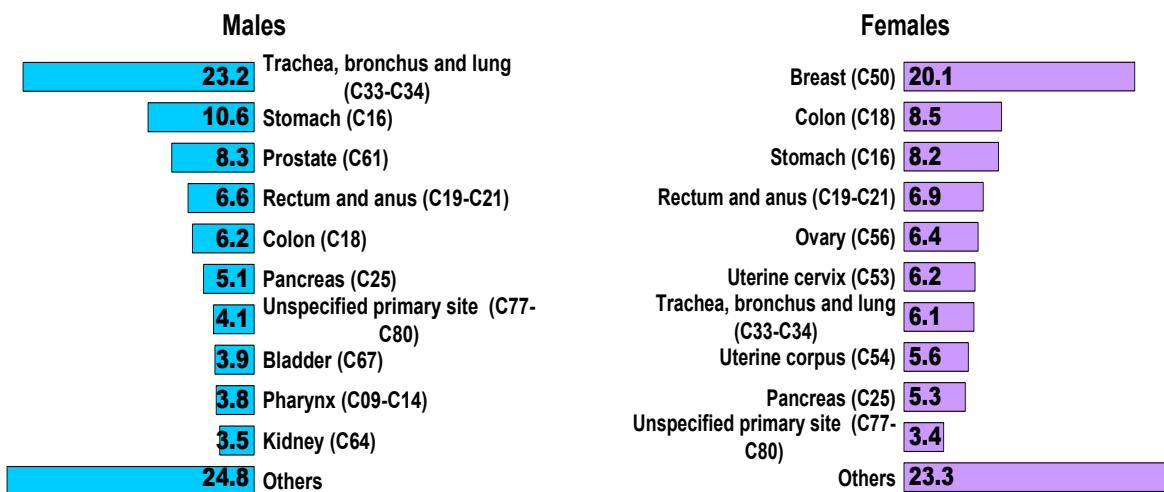
Tables of **Annex A - Rates for selected cancer sites by age groups, incidence** and **Annex B - Rates for selected cancer sites by age groups, mortality** include number of cancer cases and deaths from cancer, age-specific rates, crude rates, age-standardized rates (World Standard Population) per 100 000 of population and standard errors of ASR for **53** nosologic forms of cancer as well as for all sites in total and for all sites with the exception of non-melanoma skin cancer. All rates are calculated for population of Ukraine by gender and age groups and based on the adjusted NCR data of 2015.

Table of **Annex C - Cancer prevalence** includes number of cancer patients under follow-up at the end of 2015 per 100 000 of Ukrainian population by gender and age groups.

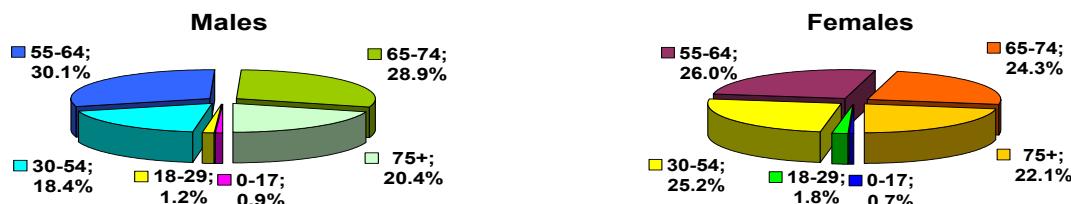
### The relative frequency of 10 leading cancer sites in Ukraine, incidence (%)



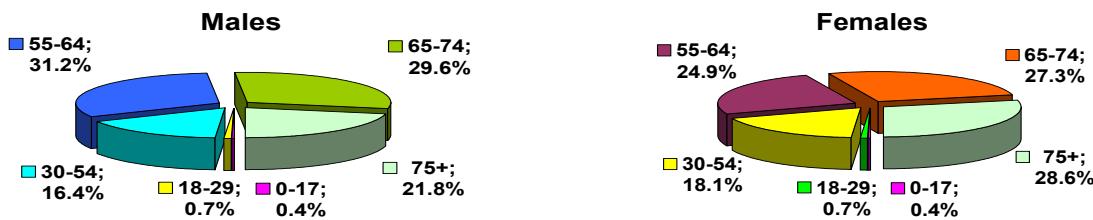
### The relative frequency of 10 leading cancer sites in Ukraine, mortality (%)



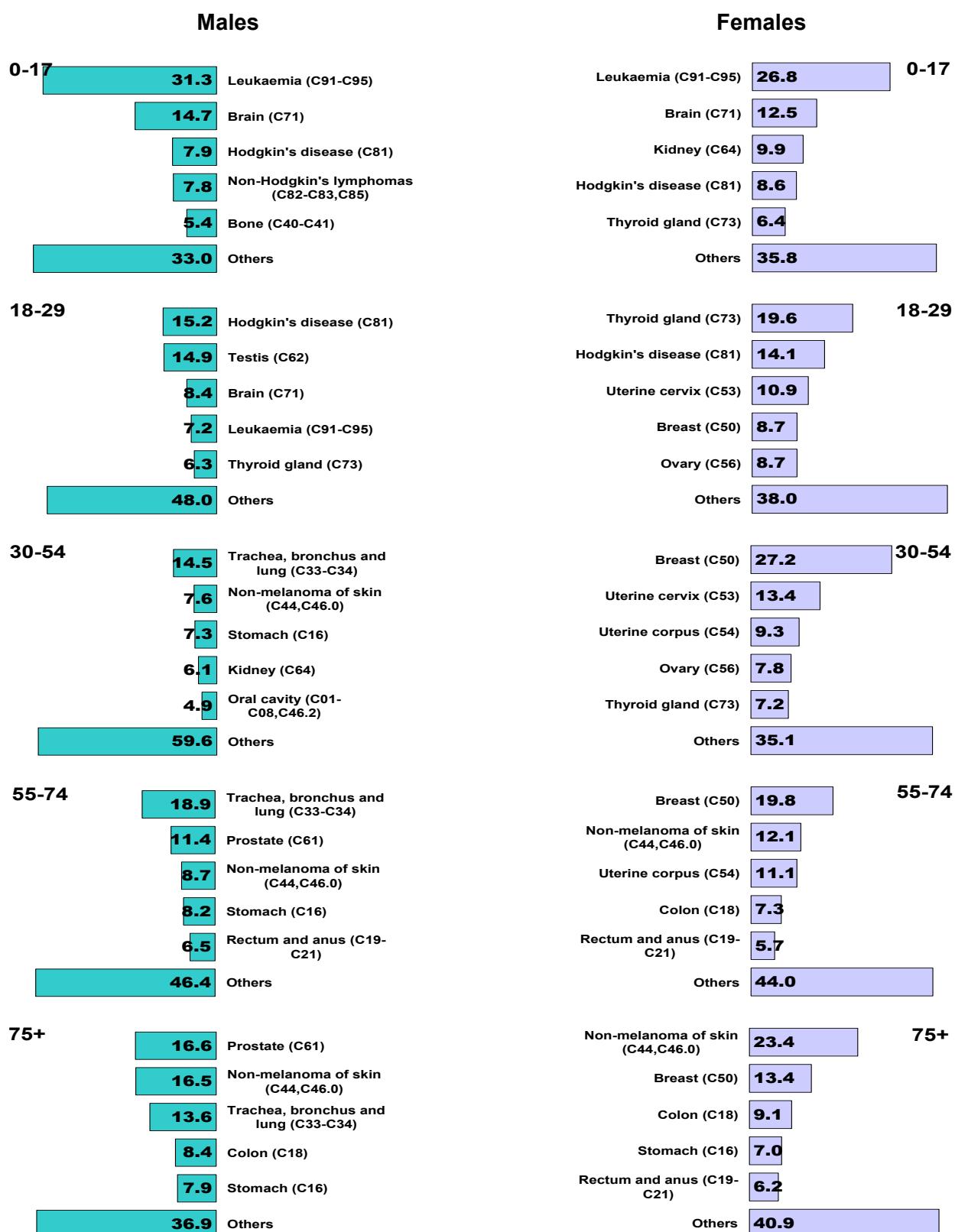
### New cancer cases by age groups, Ukraine, 2014



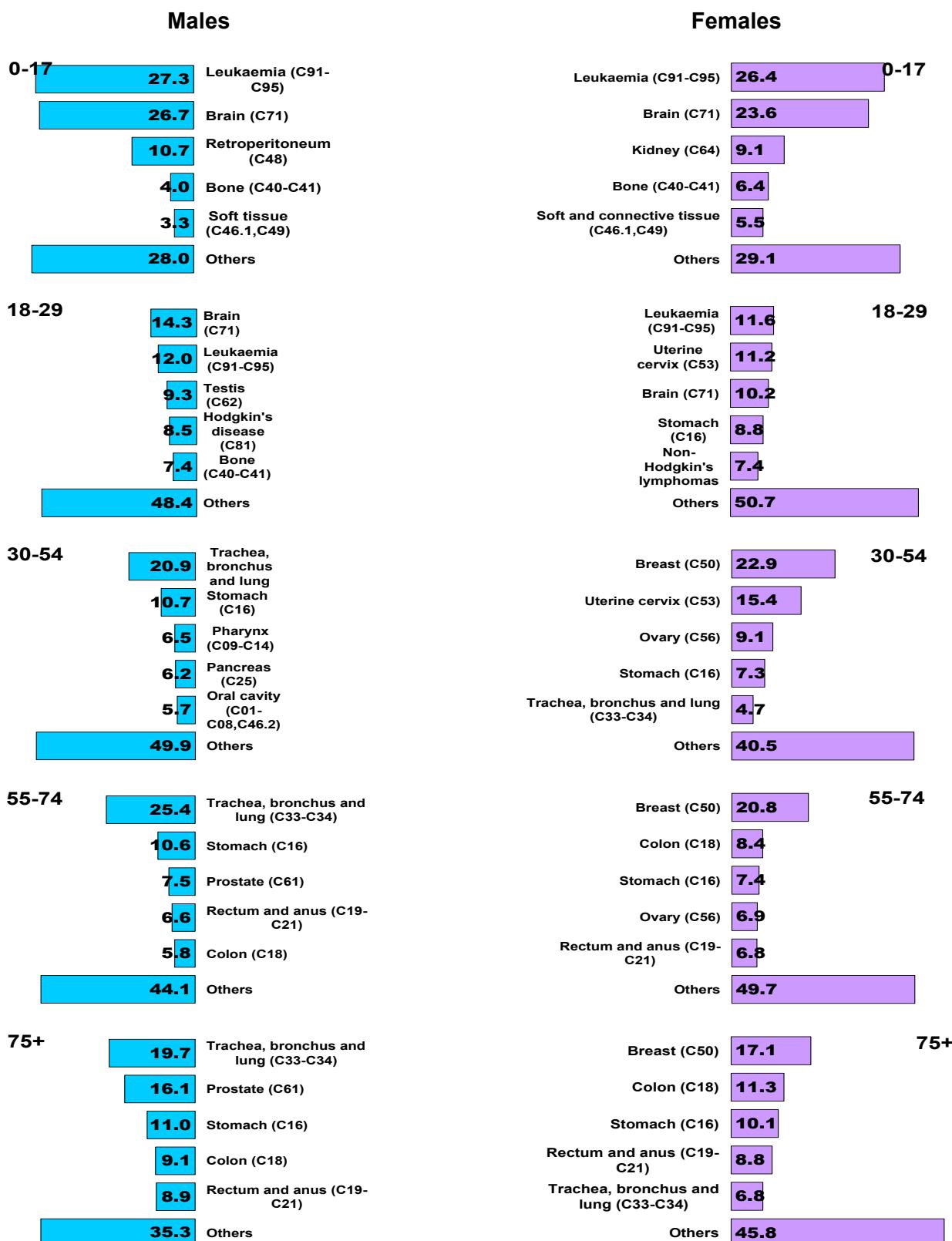
### Deaths from cancer by age groups, Ukraine, 2014



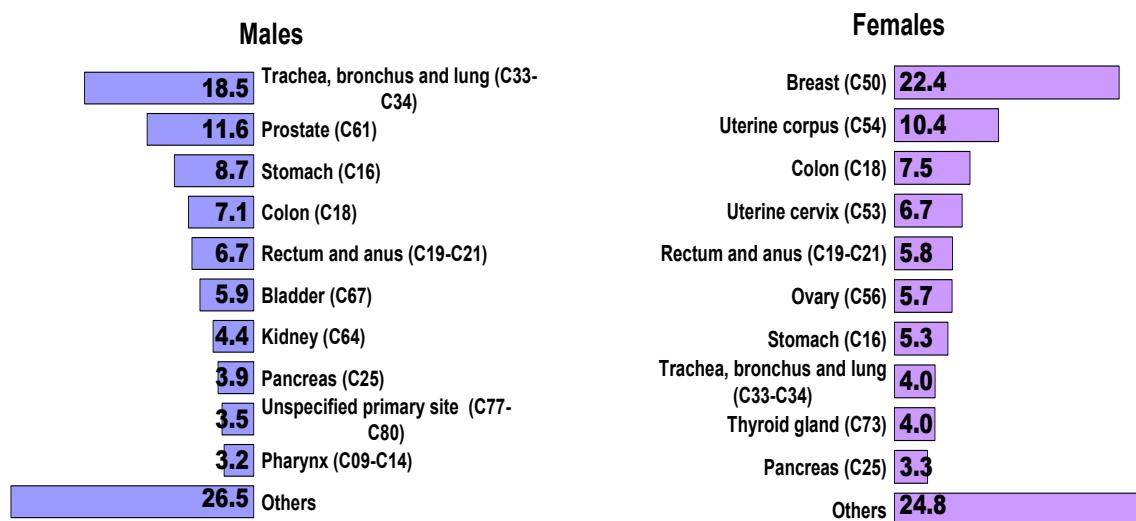
**The relative frequency of 5 leading cancer sites by age groups and gender in Ukraine, incidence, %**



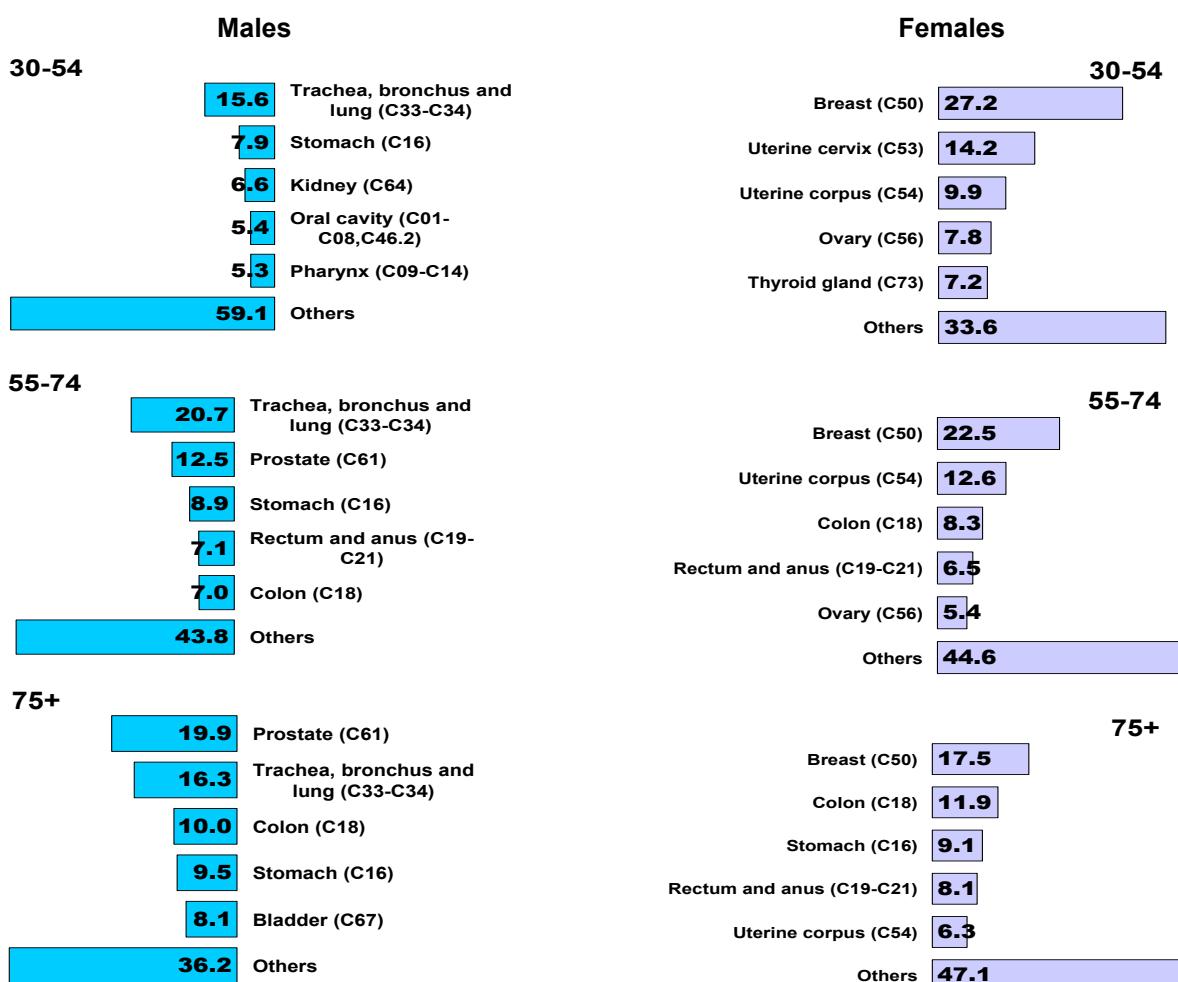
**The relative frequency of 5 leading cancer sites by age groups and gender in Ukraine, mortality, %**

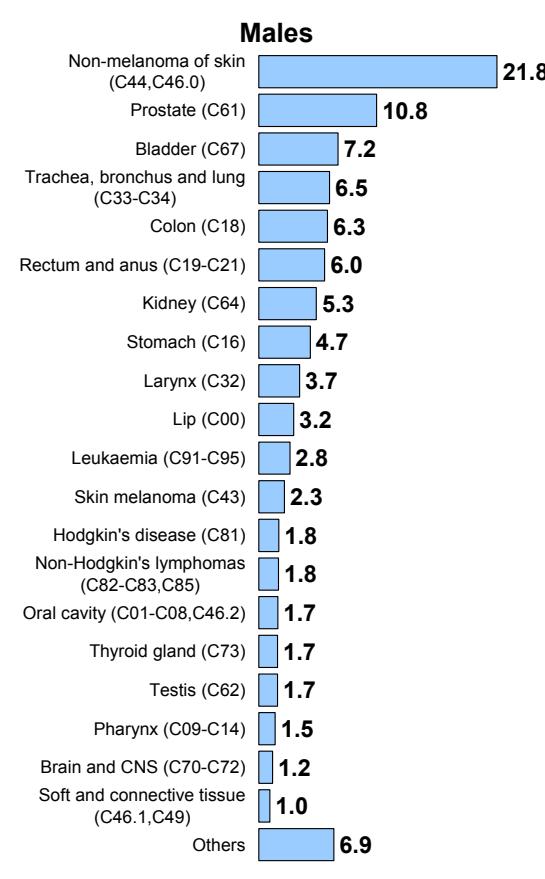
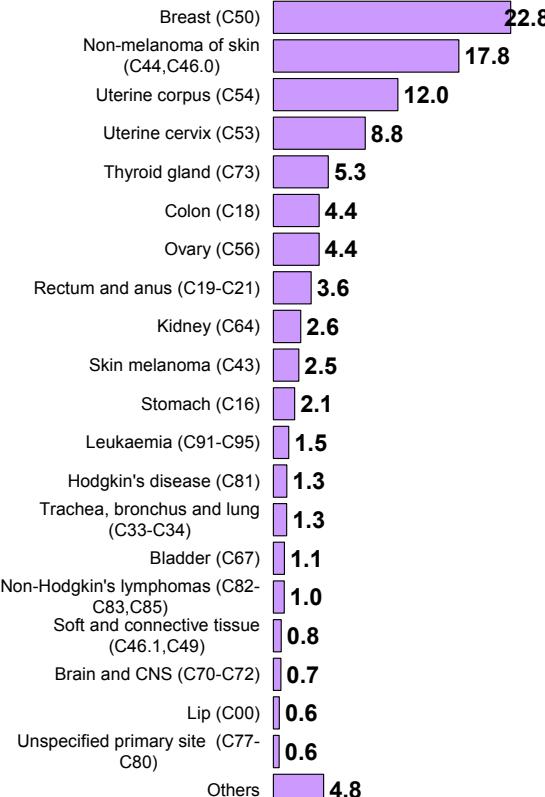


**The relative frequency of 10 leading cancer sites with non-melanoma of skin excluded, Ukraine, incidence, %**



**The relative frequency of 5 most common cancer sites with non-melanoma of skin excluded by age groups and gender, Ukraine, incidence, %**



**The most common cancers, %****Females****Number of cancer patients and prevalence rates per 100 000 of population**

| Site                                                               | Persons |                  | Males   |                  | Females |                  |
|--------------------------------------------------------------------|---------|------------------|---------|------------------|---------|------------------|
|                                                                    | number* | % <sub>ooo</sub> | number* | % <sub>ooo</sub> | number* | % <sub>ooo</sub> |
| All sites (C00-C96)                                                | 909087  | 2507.2           | 320343  | 1903.3           | 588744  | 3030.2           |
| All sites, non-melanoma of skin excluded (C00-C96 excl.C44, C46.0) | 895543  | 2469.8           | 310131  | 1842.7           | 585412  | 3013.1           |
| Breast (C50)                                                       | 135277  | 373.1            | 800     | 4.8              | 134477  | 692.1            |
| Non-melanoma of skin (C44,C46.0)                                   | 174812  | 482.1            | 69747   | 414.4            | 105065  | 540.8            |
| Uterine corpus (C54)                                               | 70584   | 194.7            | -       | -                | 70584   | 363.3            |
| Uterine cervix (C53)                                               | 52010   | 143.4            | -       | -                | 52010   | 267.7            |
| Prostate (C61)                                                     | 34519   | 95.2             | 34519   | 205.1            | -       | -                |
| Thyroid gland (C73)                                                | 36650   | 101.1            | 5487    | 32.6             | 31163   | 160.4            |
| Bladder (C67)                                                      | 29399   | 81.1             | 23188   | 137.8            | 6211    | 32.0             |
| Colon (C18)                                                        | 46087   | 127.1            | 20119   | 119.5            | 25968   | 133.7            |
| Ovary (C56)                                                        | 25947   | 71.6             | -       | -                | 25947   | 133.5            |
| Trachea, bronchus and lung (C33-C34)                               | 28282   | 78.0             | 20719   | 123.1            | 7563    | 38.9             |
| Rectum and anus (C19-C21)                                          | 40681   | 112.2            | 19277   | 114.5            | 21404   | 110.2            |
| Kidney (C64)                                                       | 32309   | 89.1             | 16834   | 100.0            | 15475   | 79.6             |
| Stomach (C16)                                                      | 27167   | 74.9             | 15077   | 89.6             | 12090   | 62.2             |
| Skin melanoma (C43)                                                | 21961   | 60.6             | 7508    | 44.6             | 14453   | 74.4             |
| Larynx (C32)                                                       | 12954   | 35.7             | 11921   | 70.8             | 1033    | 5.3              |
| Lip (C00)                                                          | 13544   | 37.4             | 10212   | 60.7             | 3332    | 17.1             |
| Leukemia (C91-C95)                                                 | 17779   | 49.0             | 9114    | 54.2             | 8665    | 44.6             |
| Hodgkin's disease (C81)                                            | 13498   | 37.2             | 5849    | 34.8             | 7649    | 39.4             |
| Non-Hodgkin's lymphomas (C82-C83, C85)                             | 11918   | 32.9             | 5775    | 34.3             | 6143    | 31.6             |
| Oral cavity (C01-C08,C46.2)                                        | 8792    | 24.2             | 5588    | 33.2             | 3204    | 16.5             |
| Testis (C62)                                                       | 5473    | 15.1             | 5473    | 32.5             | -       | -                |
| Pharynx (C09-C14)                                                  | 6179    | 17.0             | 5473    | 32.5             | 1401    | 7.2              |
| Brain and central nervous system (C70-C72)                         | 8330    | 23.0             | 3989    | 23.7             | 4341    | 22.3             |
| Soft and connective tissue (C46.1,C49)                             | 7641    | 21.1             | 3204    | 19.0             | 4437    | 22.8             |
| Unspecified primary site (C77-C80)                                 | 6406    | 17.7             | 3102    | 18.4             | 3304    | 17.0             |
| Pancreas (C25)                                                     | 5400    | 14.9             | 2768    | 16.4             | 2632    | 13.5             |
| Vulva (C51)                                                        | 3009    | 8.3              | -       | -                | 3009    | 15.5             |
| Esophagus (C15)                                                    | 2479    | 6.8              | 2032    | 12.1             | 447     | 2.3              |
| Bone (C40-C41)                                                     | 3994    | 11.0             | 1976    | 11.7             | 2018    | 10.4             |
| Penis (C60)                                                        | 1455    | 4.0              | 1455    | 8.6              | -       | -                |
| Eye (C69)                                                          | 2862    | 7.9              | 1310    | 7.8              | 1552    | 8.0              |
| Multiple myeloma (C90)                                             | 2770    | 7.6              | 1223    | 7.3              | 1547    | 8.0              |
| Retroperitoneum and peritoneum (C48)                               | 1975    | 5.4              | 705     | 4.2              | 1270    | 6.5              |
| Gallbladder (C23-C24)                                              | 1934    | 5.3              | 739     | 4.4              | 1195    | 6.2              |
| Liver (C22)                                                        | 1737    | 4.8              | 867     | 5.2              | 870     | 4.5              |
| Nasal cavities, etc. (C30-C31)                                     | 1657    | 4.6              | 856     | 5.1              | 801     | 4.1              |
| Others                                                             | 11616   |                  | 3437    |                  | 7484    |                  |

\* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

| Table 1 - General rates, 2014                                             |                                         |  | ♀      | ♂     | ●     |
|---------------------------------------------------------------------------|-----------------------------------------|--|--------|-------|-------|
| Incidence: number of new cases*                                           |                                         |  | 135307 | 65415 | 69892 |
| Incidence (crude rate)                                                    |                                         |  | 372.4  | 388.1 | 358.8 |
| Incidence (age-standardized, world standard)                              |                                         |  | 223.7  | 267.1 | 202.2 |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 346.6  | 436.2 | 301.2 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |        |       |       |
| Mortality: number of new cases*                                           |                                         |  | 67189  | 37719 | 29470 |
| Mortality (crude rate)                                                    |                                         |  | 184.9  | 223.8 | 151.3 |
| Mortality (age-standardized, world standard)                              |                                         |  | 105.6  | 151.4 | 77.0  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 170.7  | 252.8 | 122.1 |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 31.3   | 39.5  | 23.5  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.7    | 0.2   | 1.1   |
| Microscopically verified diagnoses, %                                     |                                         |  | 84.8   | 81.6  | 87.8  |
| Diagnoses verified with histology, %                                      |                                         |  | 72.5   | 68.5  | 76.2  |
| Not specified morphology, %                                               |                                         |  | 6.4    | 7.5   | 5.5   |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 26.4   | 19.5  | 32.8  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 69.8   | 64.5  | 74.7  |
| - surgical treatment only, %                                              |                                         |  | 25.9   | 24.2  | 27.5  |
| - combined or complex scheme of treatment, %                              |                                         |  | 21.7   | 14.5  | 28.5  |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 1034   | 579   | 455   |
|                                                                           | rate per 100 000 of children population |  | 15.6   | 17.0  | 14.1  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 260    | 150   | 110   |
|                                                                           | rate per 100 000 of children population |  | 3.9    | 4.4   | 3.4   |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| Table 2 - Incidence and mortality, 2014 | Crude incidence rate per 100 000 of population |              |              | Age-standardized incidence rate (world standard) |              |              | Age-standardized incidence rate (Ukrainian standard) |              |              | Crude mortality rate per 100 000 of population |              |              | Age-standardized mortality rate (world standard) |              |             | Age-standardized mortality rate (Ukrainian standard) |              |              |
|-----------------------------------------|------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|------------------------------------------------------|--------------|--------------|------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|-------------|------------------------------------------------------|--------------|--------------|
|                                         | ♀                                              | ♂            | ●            | ♀                                                | ♂            | ●            | ♀                                                    | ♂            | ●            | ♀                                              | ♂            | ●            | ♀                                                | ♂            | ●           | ♀                                                    | ♂            | ●            |
| <b>Ukraine</b>                          | <b>372.4</b>                                   | <b>388.1</b> | <b>358.8</b> | <b>223.7</b>                                     | <b>267.1</b> | <b>202.2</b> | <b>346.6</b>                                         | <b>436.2</b> | <b>301.2</b> | <b>184.9</b>                                   | <b>223.8</b> | <b>151.3</b> | <b>105.6</b>                                     | <b>151.4</b> | <b>77.0</b> | <b>170.7</b>                                         | <b>252.8</b> | <b>122.1</b> |
| AR Krym                                 |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |
| Vinnytska                               | 379.7                                          | 407.7        | 355.7        | 224.4                                            | 269.7        | 200.7        | 341.4                                                | 432.5        | 293.5        | 194.6                                          | 245.2        | 151.5        | 108.2                                            | 159.5        | 74.7        | 172.2                                                | 260.7        | 117.8        |
| Volynska                                | 279.9                                          | 285.5        | 274.9        | 195.1                                            | 231.4        | 177.3        | 298.5                                                | 374.2        | 260.5        | 136.8                                          | 169.0        | 108.2        | 94.4                                             | 136.1        | 67.7        | 147.0                                                | 221.8        | 101.8        |
| Dnipropetrovsk                          | 389.2                                          | 400.1        | 380.0        | 225.8                                            | 269.0        | 205.7        | 349.1                                                | 438.3        | 306.5        | 209.1                                          | 250.2        | 174.6        | 114.0                                            | 164.5        | 83.8        | 185.0                                                | 275.0        | 134.0        |
| Donetska                                |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |
| Zhytomyrska                             | 352.3                                          | 377.5        | 330.6        | 217.3                                            | 262.8        | 194.4        | 329.2                                                | 420.9        | 282.5        | 172.7                                          | 220.0        | 131.8        | 100.1                                            | 149.8        | 69.1        | 159.9                                                | 248.4        | 107.5        |
| Zakarpatska                             | 265.4                                          | 289.9        | 242.8        | 192.0                                            | 236.3        | 164.1        | 295.2                                                | 379.0        | 244.3        | 144.0                                          | 182.4        | 108.7        | 102.8                                            | 148.9        | 70.5        | 161.7                                                | 241.9        | 108.6        |
| Zaporizzka                              | 423.0                                          | 439.3        | 409.3        | 233.3                                            | 284.9        | 207.7        | 369.0                                                | 472.5        | 316.8        | 223.3                                          | 266.6        | 186.9        | 115.1                                            | 167.7        | 84.2        | 191.2                                                | 286.8        | 137.7        |
| Ivano-Frankivska                        | 287.2                                          | 308.2        | 268.4        | 186.5                                            | 229.0        | 164.1        | 292.8                                                | 380.4        | 246.3        | 150.7                                          | 190.2        | 115.4        | 93.2                                             | 140.5        | 62.6        | 154.2                                                | 239.6        | 101.8        |
| Kyivska                                 | 386.4                                          | 394.3        | 379.5        | 234.1                                            | 274.4        | 216.1        | 357.3                                                | 443.7        | 317.4        | 183.7                                          | 230.8        | 143.2        | 103.9                                            | 155.7        | 72.3        | 167.7                                                | 261.2        | 114.3        |
| Kirovogradsk                            | 453.4                                          | 465.8        | 442.8        | 256.2                                            | 296.6        | 238.7        | 392.5                                                | 479.4        | 350.5        | 213.5                                          | 265.1        | 169.8        | 114.8                                            | 165.7        | 84.3        | 182.7                                                | 274.2        | 129.6        |
| Louganska                               |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |
| Lvivska                                 | 354.4                                          | 381.0        | 330.5        | 220.4                                            | 272.7        | 190.2        | 346.0                                                | 447.4        | 289.2        | 169.3                                          | 204.0        | 138.1        | 102.1                                            | 146.1        | 72.6        | 166.0                                                | 242.7        | 117.7        |
| Mykolajivska                            | 397.5                                          | 413.4        | 383.8        | 234.8                                            | 283.9        | 208.7        | 365.9                                                | 461.6        | 315.3        | 173.6                                          | 211.5        | 141.0        | 101.2                                            | 145.6        | 73.1        | 158.6                                                | 233.9        | 113.1        |
| Odesska                                 | 380.2                                          | 388.9        | 372.5        | 237.2                                            | 275.3        | 219.0        | 363.9                                                | 444.9        | 321.9        | 170.0                                          | 189.2        | 153.0        | 100.1                                            | 132.5        | 79.5        | 161.0                                                | 218.0        | 126.1        |
| Poltavsk                                | 381.6                                          | 406.7        | 360.2        | 217.6                                            | 261.3        | 196.3        | 332.2                                                | 421.7        | 287.7        | 209.7                                          | 252.6        | 173.4        | 110.6                                            | 155.4        | 84.7        | 179.1                                                | 263.6        | 131.6        |
| Rivnenska                               | 286.4                                          | 288.5        | 284.5        | 204.7                                            | 237.7        | 188.8        | 312.3                                                | 381.2        | 278.2        | 153.0                                          | 181.8        | 127.0        | 105.3                                            | 149.3        | 77.2        | 168.2                                                | 247.2        | 120.3        |
| Soumska                                 | 431.2                                          | 454.8        | 411.4        | 237.7                                            | 283.3        | 215.4        | 368.1                                                | 463.5        | 320.5        | 216.1                                          | 273.5        | 167.7        | 112.9                                            | 165.4        | 81.1        | 181.8                                                | 280.0        | 125.0        |
| Ternopilska                             | 311.8                                          | 330.3        | 295.6        | 194.1                                            | 233.3        | 173.0        | 299.5                                                | 377.6        | 258.4        | 174.2                                          | 214.2        | 139.3        | 104.7                                            | 150.4        | 74.6        | 167.6                                                | 248.8        | 117.6        |
| Kharkivska                              | 403.8                                          | 412.7        | 396.1        | 229.6                                            | 273.8        | 209.2        | 358.9                                                | 451.4        | 314.2        | 207.2                                          | 241.2        | 178.0        | 113.3                                            | 158.4        | 86.0        | 182.7                                                | 262.6        | 136.5        |
| Khersonska                              | 386.6                                          | 421.9        | 356.1        | 231.9                                            | 289.0        | 204.4        | 359.1                                                | 479.0        | 299.3        | 186.7                                          | 240.0        | 140.7        | 110.3                                            | 165.4        | 75.7        | 173.6                                                | 269.4        | 115.8        |
| Khmelniitska                            | 371.5                                          | 406.2        | 341.6        | 215.9                                            | 267.0        | 188.9        | 334.8                                                | 439.0        | 280.0        | 190.1                                          | 244.4        | 143.2        | 104.5                                            | 157.1        | 70.8        | 168.9                                                | 263.3        | 111.8        |
| Cherkasska                              | 403.6                                          | 421.6        | 388.3        | 223.3                                            | 257.9        | 207.9        | 343.3                                                | 420.0        | 305.9        | 192.8                                          | 239.0        | 153.8        | 99.4                                             | 140.6        | 73.9        | 161.1                                                | 237.2        | 116.6        |
| Chernivetska                            | 297.9                                          | 313.5        | 284.0        | 191.9                                            | 232.0        | 169.6        | 301.8                                                | 382.9        | 256.6        | 178.1                                          | 206.7        | 152.8        | 107.1                                            | 148.0        | 81.6        | 178.2                                                | 255.3        | 132.6        |
| Chernigivska                            | 391.4                                          | 446.3        | 345.8        | 215.7                                            | 277.5        | 182.6        | 327.0                                                | 446.0        | 265.6        | 192.8                                          | 249.0        | 146.1        | 99.8                                             | 151.7        | 66.8        | 158.3                                                | 246.7        | 106.0        |
| Kyiv city                               | 408.7                                          | 395.6        | 420.0        | 252.9                                            | 278.2        | 242.6        | 404.7                                                | 467.2        | 374.5        | 170.1                                          | 191.0        | 152.1        | 100.0                                            | 131.5        | 80.4        | 170.0                                                | 228.5        | 134.8        |
| Sevastopol city                         |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |      |      | Crude incidence rate<br>per 100 000 of population |              |              | Number of deaths from<br>cancer registered in 2015* |      |      | Crude mortality rate<br>per 100 000 of population |              |              |
|--------------------------------------------------|---------------------------------------------------|------|------|---------------------------------------------------|--------------|--------------|-----------------------------------------------------|------|------|---------------------------------------------------|--------------|--------------|
|                                                  | ♀                                                 | ♂    | ▲    | ♀                                                 | ♂            | ▲            | ♀                                                   | ♂    | ▲    | ♀                                                 | ♂            | ▲            |
| <b>Ukraine</b>                                   |                                                   |      |      | <b>345.9</b>                                      | <b>356.8</b> | <b>336.5</b> |                                                     |      |      | <b>172.8</b>                                      | <b>208.9</b> | <b>141.4</b> |
| AR Krym                                          |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |
| Vinnytska                                        | 5837                                              | 2829 | 3008 | 364.0                                             | 382.5        | 348.2        | 3139                                                | 1869 | 1270 | 195.8                                             | 252.7        | 147.0        |
| Volynska                                         | 2858                                              | 1478 | 1380 | 274.8                                             | 301.4        | 251.0        | 1550                                                | 935  | 615  | 149.0                                             | 190.7        | 111.8        |
| Dnipropetrovska                                  | 12225                                             | 5700 | 6525 | 373.5                                             | 381.0        | 367.2        | 6302                                                | 3427 | 2875 | 192.5                                             | 229.1        | 161.8        |
| Donetska                                         |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |
| Zhytomyrska                                      | 4083                                              | 1997 | 2086 | 324.9                                             | 342.4        | 309.8        | 2269                                                | 1321 | 948  | 180.6                                             | 226.5        | 140.8        |
| Zakarpatska                                      | 2949                                              | 1525 | 1424 | 234.7                                             | 252.8        | 217.9        | 1616                                                | 998  | 618  | 128.6                                             | 165.5        | 94.6         |
| Zaporizzka                                       | 6613                                              | 3150 | 3463 | 374.7                                             | 390.9        | 361.0        | 3358                                                | 1799 | 1559 | 190.2                                             | 223.2        | 162.5        |
| Ivano-Frankivska                                 | 3843                                              | 2020 | 1823 | 278.5                                             | 309.8        | 250.5        | 2203                                                | 1264 | 939  | 159.7                                             | 193.9        | 129.0        |
| Kyivska                                          | 6206                                              | 2941 | 3265 | 360.1                                             | 369.0        | 352.4        | 2880                                                | 1607 | 1273 | 167.1                                             | 201.6        | 137.4        |
| Kirovogradsk                                     | 4515                                              | 2131 | 2384 | 463.5                                             | 476.1        | 452.8        | 2042                                                | 1185 | 857  | 209.6                                             | 264.7        | 162.8        |
| Louganska                                        |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |
| Lvivska                                          | 8551                                              | 4290 | 4261 | 339.4                                             | 359.5        | 321.3        | 4108                                                | 2371 | 1737 | 163.1                                             | 198.7        | 131.0        |
| Mykolajivska                                     | 4418                                              | 2107 | 2311 | 379.7                                             | 391.5        | 369.5        | 1939                                                | 1071 | 868  | 166.6                                             | 199.0        | 138.8        |
| Odesska                                          | 7018                                              | 3347 | 3671 | 294.2                                             | 298.7        | 290.3        | 2519                                                | 1402 | 1117 | 105.6                                             | 125.1        | 88.3         |
| Poltavska                                        | 5366                                              | 2578 | 2788 | 372.3                                             | 389.0        | 358.2        | 2995                                                | 1693 | 1302 | 207.8                                             | 255.4        | 167.3        |
| Rivnenska                                        | 2917                                              | 1433 | 1484 | 251.5                                             | 260.4        | 243.4        | 1668                                                | 949  | 719  | 143.8                                             | 172.4        | 117.9        |
| Soumska                                          | 4736                                              | 2279 | 2457 | 422.4                                             | 444.4        | 403.9        | 2304                                                | 1313 | 991  | 205.5                                             | 256.0        | 162.9        |
| Ternopilska                                      | 3317                                              | 1733 | 1584 | 311.0                                             | 348.2        | 278.4        | 1852                                                | 1128 | 724  | 173.6                                             | 226.7        | 127.2        |
| Kharkivska                                       | 9261                                              | 4025 | 5236 | 341.0                                             | 320.4        | 358.8        | 4786                                                | 2457 | 2329 | 176.2                                             | 195.6        | 159.6        |
| Khersonska                                       | 3988                                              | 1982 | 2006 | 374.0                                             | 401.1        | 350.5        | 2020                                                | 1191 | 829  | 189.4                                             | 241.0        | 144.9        |
| Khmelnitska                                      | 4825                                              | 2379 | 2446 | 371.7                                             | 395.4        | 351.3        | 2523                                                | 1458 | 1065 | 194.4                                             | 242.3        | 152.9        |
| Cherkasska                                       | 4853                                              | 2342 | 2511 | 388.8                                             | 410.0        | 370.9        | 2350                                                | 1329 | 1021 | 188.3                                             | 232.7        | 150.8        |
| Chernivetska                                     | 2416                                              | 1181 | 1235 | 266.4                                             | 277.1        | 256.9        | 1441                                                | 789  | 652  | 158.9                                             | 185.1        | 135.6        |
| Chernigivska                                     | 3866                                              | 1917 | 1949 | 369.2                                             | 403.5        | 340.7        | 2012                                                | 1164 | 848  | 192.1                                             | 245.0        | 148.2        |
| Kyiv city                                        | 10763                                             | 4690 | 6073 | 378.1                                             | 356.7        | 396.5        | 4765                                                | 2443 | 2322 | 167.4                                             | 185.8        | 151.6        |
| Sevastopol city                                  |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases,<br>%* |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014** | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |               |               |
|-----------------------------|----------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|---------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|---------------|---------------|
|                             | I-II                                   | III         | IV          | Not<br>determined |                                                               |                                                   |                                        |                                        |                                                      | ♀                                     | ♂             | ▲             |
| <b>Ukraine</b>              | <b>54.3</b>                            | <b>17.5</b> | <b>15.8</b> | <b>5.2</b>        | <b>31.3</b>                                                   | <b>1745</b>                                       | <b>68.8</b>                            | <b>84.4</b>                            | <b>29.9</b>                                          | <b>2507.2</b>                         | <b>1903.3</b> | <b>3030.2</b> |
| AR Krym                     |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |
| Vinnytska                   | 62.4                                   | 15.3        | 14.8        | 0.0               | 30.5                                                          | 26                                                | 66.8                                   | 78.3                                   | 29.8                                                 | 2525.2                                | 1872.0        | 3084.4        |
| Volynska                    | 54.9                                   | 14.5        | 17.1        | 4.2               | 30.9                                                          | 36                                                | 71.5                                   | 86.5                                   | 23.5                                                 | 2030.3                                | 1483.1        | 2518.2        |
| Dnipropetrovska             | 52.7                                   | 16.8        | 14.9        | 7.9               | 34.9                                                          | 73                                                | 61.1                                   | 84.3                                   | 18.8                                                 | 2370.3                                | 1733.4        | 2906.4        |
| Donetska                    |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |
| Zhytomyrska                 | 50.7                                   | 16.5        | 21.1        | 5.2               | 31.0                                                          | 23                                                | 66.1                                   | 91.2                                   | 29.0                                                 | 2289.1                                | 1662.7        | 2831.7        |
| Zakarpatska                 | 41.7                                   | 21.3        | 23.0        | 4.1               | 36.3                                                          | 83                                                | 66.7                                   | 86.2                                   | 24.1                                                 | 1666.3                                | 1316.0        | 1989.6        |
| Zaporizzka                  | 52.5                                   | 18.3        | 18.4        | 5.6               | 32.8                                                          | 291                                               | 58.1                                   | 80.4                                   | 31.6                                                 | 2722.2                                | 2098.3        | 3246.4        |
| Ivano-Frankivska            | 50.1                                   | 18.8        | 18.9        | 4.2               | 32.2                                                          | 27                                                | 69.4                                   | 83.1                                   | 19.9                                                 | 1705.5                                | 1323.6        | 2047.6        |
| Kyivska                     | 56.1                                   | 18.0        | 19.2        | 1.3               | 28.2                                                          | 19                                                | 70.4                                   | 82.4                                   | 29.2                                                 | 2855.3                                | 2099.5        | 3505.6        |
| Kirovogradsk                | 56.0                                   | 15.8        | 18.5        | 1.1               | 30.9                                                          | 130                                               | 67.6                                   | 80.8                                   | 25.2                                                 | 2553.6                                | 1863.0        | 3140.6        |
| Louganska                   |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |
| Lvivska                     | 51.2                                   | 20.1        | 14.7        | 7.0               | 30.9                                                          | 15                                                | 71.0                                   | 83.9                                   | 25.8                                                 | 2480.5                                | 2010.6        | 2903.3        |
| Mykolajivska                | 57.2                                   | 20.6        | 15.5        | 1.5               | 33.3                                                          | 135                                               | 68.5                                   | 81.0                                   | 43.2                                                 | 2838.5                                | 2211.0        | 3378.3        |
| Odesska                     | 60.4                                   | 18.3        | 12.0        | 3.4               | 23.2                                                          | 145                                               | 73.4                                   | 96.5                                   | 30.2                                                 | 3090.2                                | 2495.5        | 3617.0        |
| Poltavska                   | 54.4                                   | 20.7        | 20.4        | 0.1               | 33.6                                                          | 35                                                | 67.6                                   | 83.4                                   | 22.9                                                 | 2561.2                                | 1909.1        | 3116.6        |
| Rivnenska                   | 50.9                                   | 15.2        | 13.2        | 8.2               | 29.9                                                          | 2                                                 | 67.2                                   | 78.9                                   | 34.5                                                 | 1872.6                                | 1374.2        | 2322.5        |
| Soumska                     | 66.1                                   | 12.5        | 10.4        | 5.1               | 28.9                                                          | 5                                                 | 74.7                                   | 82.6                                   | 33.6                                                 | 2879.2                                | 2118.7        | 3520.3        |
| Ternopilska                 | 52.6                                   | 19.2        | 16.6        | 2.1               | 30.5                                                          | 38                                                | 75.1                                   | 84.3                                   | 30.8                                                 | 2206.8                                | 1749.6        | 2606.8        |
| Kharkivska                  | 54.9                                   | 16.9        | 12.3        | 8.4               | 34.3                                                          | 105                                               | 64.8                                   | 78.3                                   | 31.1                                                 | 2697.0                                | 1991.5        | 3304.4        |
| Khersonska                  | 50.8                                   | 16.3        | 25.0        | 0.8               | 33.3                                                          | 48                                                | 72.4                                   | 89.6                                   | 23.2                                                 | 2534.9                                | 1918.5        | 3067.1        |
| Khmelnitska                 | 57.7                                   | 21.2        | 9.4         | 2.2               | 32.0                                                          | 14                                                | 70.2                                   | 78.4                                   | 22.8                                                 | 2254.5                                | 1739.7        | 2699.4        |
| Cherkasska                  | 54.0                                   | 18.2        | 21.2        | 0.8               | 30.0                                                          | 117                                               | 72.2                                   | 87.4                                   | 26.4                                                 | 2775.0                                | 2139.5        | 3311.2        |
| Chernivetska                | 41.1                                   | 18.3        | 20.4        | 13.7              | 34.6                                                          | 93                                                | 65.6                                   | 78.2                                   | 30.8                                                 | 2231.0                                | 1857.2        | 2562.5        |
| Chernigivska                | 51.1                                   | 18.5        | 22.3        | 2.2               | 34.4                                                          | 72                                                | 73.8                                   | 85.2                                   | 24.9                                                 | 2516.6                                | 1916.0        | 3015.4        |
| Kyiv city                   | 54.3                                   | 14.2        | 8.3         | 14.9              | 27.9                                                          | 213                                               | 75.7                                   | 91.9                                   | 58.2                                                 | 2812.3                                | 2067.7        | 3451.5        |
| Sevastopol city             |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |

\* - Ann-Arbour stage for lymphomas, stage according to TNM for other cancers;

\*\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| Table 1 - General rates, 2014                                             |                                         |  | ♀      | ♂     | ●     |
|---------------------------------------------------------------------------|-----------------------------------------|--|--------|-------|-------|
| Incidence: number of new cases*                                           |                                         |  | 119803 | 58887 | 60916 |
| Incidence (crude rate)                                                    |                                         |  | 329.7  | 349.4 | 312.7 |
| Incidence (age-standardized, world standard)                              |                                         |  | 201.8  | 242.1 | 181.9 |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 308.3  | 391.6 | 266.0 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |        |       |       |
| Mortality: number of new cases*                                           |                                         |  | 66769  | 37481 | 29288 |
| Mortality (crude rate)                                                    |                                         |  | 183.8  | 222.4 | 150.3 |
| Mortality (age-standardized, world standard)                              |                                         |  | 105.0  | 150.5 | 76.7  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 169.8  | 251.1 | 121.5 |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 34.8   | 43.3  | 26.6  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.5    | 1.8   | 1.3   |
| Microscopically verified diagnoses, %                                     |                                         |  | 83.0   | 79.7  | 86.3  |
| Diagnoses verified with histology, %                                      |                                         |  | 72.6   | 67.8  | 77.1  |
| Not specified morphology, %                                               |                                         |  | 7.1    | 8.2   | 6.1   |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 21.7   | 14.8  | 28.3  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 67.3   | 61.9  | 72.5  |
| - surgical treatment only, %                                              |                                         |  | 21.3   | 20.0  | 22.6  |
| - combined or complex scheme of treatment, %                              |                                         |  | 17.0   | 15.6  | 32.1  |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 1030   | 576   | 454   |
|                                                                           | rate per 100 000 of children population |  | 15.6   | 16.9  | 14.1  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 258    | 149   | 109   |
|                                                                           | rate per 100 000 of children population |  | 3.9    | 4.3   | 3.4   |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| Table 2 - Incidence and mortality, 2014 | Crude incidence rate per 100 000 of population |              |              | Age-standardized incidence rate (world standard) |              |              | Age-standardized incidence rate (Ukrainian standard) |              |              | Crude mortality rate per 100 000 of population |              |              | Age-standardized mortality rate (world standard) |              |             | Age-standardized mortality rate (Ukrainian standard) |              |              |
|-----------------------------------------|------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|------------------------------------------------------|--------------|--------------|------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|-------------|------------------------------------------------------|--------------|--------------|
|                                         | ♀                                              | ♂            | ●            | ♀                                                | ♂            | ●            | ♀                                                    | ♂            | ●            | ♀                                              | ♂            | ●            | ♀                                                | ♂            | ●           | ♀                                                    | ♂            | ●            |
| <b>Ukraine</b>                          | <b>329.7</b>                                   | <b>349.4</b> | <b>312.7</b> | <b>201.8</b>                                     | <b>242.1</b> | <b>181.9</b> | <b>308.3</b>                                         | <b>391.6</b> | <b>266.0</b> | <b>183.8</b>                                   | <b>222.4</b> | <b>150.3</b> | <b>105.0</b>                                     | <b>150.5</b> | <b>76.7</b> | <b>169.8</b>                                         | <b>251.1</b> | <b>121.5</b> |
| AR Krym                                 |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |
| Vinnytska                               | 341.7                                          | 370.8        | 316.8        | 206.6                                            | 247.3        | 185.4        | 310.3                                                | 392.5        | 267.0        | 193.5                                          | 244.1        | 150.2        | 107.6                                            | 158.9        | 74.0        | 171.2                                                | 259.5        | 116.9        |
| Volynska                                | 249.5                                          | 260.8        | 239.4        | 177.4                                            | 212.4        | 160.2        | 267.0                                                | 339.8        | 230.3        | 135.8                                          | 168.0        | 107.1        | 93.7                                             | 135.0        | 67.5        | 145.9                                                | 220.5        | 101.2        |
| Dnipropetrovska                         | 348.7                                          | 363.9        | 335.9        | 205.7                                            | 246.8        | 186.5        | 314.2                                                | 398.1        | 273.8        | 207.0                                          | 247.4        | 173.0        | 113.1                                            | 162.9        | 83.3        | 183.3                                                | 271.9        | 133.0        |
| Donetska                                |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |
| Zhytomyrska                             | 308.7                                          | 340.6        | 281.1        | 195.2                                            | 238.5        | 173.9        | 290.9                                                | 378.6        | 246.6        | 172.0                                          | 219.4        | 131.0        | 99.8                                             | 149.4        | 68.9        | 159.3                                                | 247.7        | 107.1        |
| Zakarpatska                             | 238.0                                          | 266.5        | 211.7        | 173.9                                            | 217.5        | 146.5        | 263.3                                                | 345.3        | 213.5        | 143.3                                          | 181.9        | 107.8        | 102.4                                            | 148.6        | 70.0        | 160.8                                                | 241.1        | 107.7        |
| Zaporizzka                              | 366.1                                          | 389.6        | 346.4        | 205.9                                            | 253.8        | 182.6        | 321.2                                                | 418.2        | 272.6        | 221.6                                          | 264.2        | 185.9        | 114.3                                            | 166.2        | 83.9        | 189.8                                                | 284.1        | 137.1        |
| Ivano-Frankivska                        | 250.2                                          | 275.6        | 227.4        | 166.1                                            | 205.7        | 145.2        | 256.4                                                | 338.4        | 212.7        | 149.1                                          | 188.0        | 114.3        | 92.6                                             | 139.2        | 62.4        | 152.9                                                | 236.8        | 101.2        |
| Kyivska                                 | 342.6                                          | 356.6        | 330.6        | 211.5                                            | 249.3        | 194.7        | 318.4                                                | 399.1        | 280.8        | 182.1                                          | 228.8        | 142.0        | 103.1                                            | 154.3        | 71.8        | 166.4                                                | 258.6        | 113.5        |
| Kirovogradksa                           | 400.2                                          | 416.9        | 386.2        | 231.7                                            | 267.5        | 216.5        | 349.4                                                | 427.9        | 311.7        | 213.2                                          | 264.4        | 169.8        | 114.6                                            | 165.3        | 84.3        | 182.4                                                | 273.7        | 129.6        |
| Louganska                               |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |
| Lvivska                                 | 309.1                                          | 341.4        | 280.0        | 196.4                                            | 246.2        | 167.5        | 303.2                                                | 399.7        | 248.6        | 168.4                                          | 203.2        | 137.1        | 101.7                                            | 145.6        | 72.3        | 165.2                                                | 241.7        | 117.0        |
| Mykolajivska                            | 349.4                                          | 373.1        | 329.1        | 209.5                                            | 257.3        | 183.8        | 322.2                                                | 414.7        | 272.7        | 171.9                                          | 209.3        | 139.8        | 100.4                                            | 144.3        | 72.6        | 157.0                                                | 231.1        | 112.1        |
| Odesska                                 | 337.6                                          | 348.3        | 328.0        | 213.8                                            | 248.3        | 197.7        | 323.8                                                | 397.7        | 285.8        | 169.3                                          | 188.1        | 152.6        | 99.8                                             | 131.9        | 79.4        | 160.3                                                | 216.7        | 125.9        |
| Poltavska                               | 333.0                                          | 360.3        | 309.8        | 193.6                                            | 233.3        | 174.3        | 291.7                                                | 372.9        | 251.2        | 208.7                                          | 250.9        | 172.8        | 110.2                                            | 154.5        | 84.6        | 178.4                                                | 261.8        | 131.4        |
| Rivnenska                               | 266.0                                          | 269.6        | 262.8        | 192.4                                            | 222.8        | 178.3        | 290.8                                                | 355.1        | 259.5        | 151.8                                          | 180.1        | 126.2        | 104.6                                            | 148.1        | 76.9        | 166.9                                                | 244.8        | 119.6        |
| Soumska                                 | 374.7                                          | 404.9        | 349.3        | 211.4                                            | 254.5        | 189.5        | 322.7                                                | 411.6        | 277.2        | 214.9                                          | 272.3        | 166.6        | 112.4                                            | 164.7        | 80.6        | 180.9                                                | 278.6        | 124.2        |
| Ternopilska                             | 273.3                                          | 297.4        | 252.2        | 174.6                                            | 212.3        | 154.0        | 265.3                                                | 340.4        | 225.1        | 173.3                                          | 213.2        | 138.4        | 104.4                                            | 150.0        | 74.5        | 167.0                                                | 248.0        | 117.1        |
| Kharkivska                              | 360.9                                          | 372.3        | 351.2        | 208.5                                            | 248.2        | 190.2        | 322.1                                                | 405.8        | 281.5        | 205.8                                          | 239.6        | 176.9        | 112.7                                            | 157.4        | 85.6        | 181.6                                                | 260.8        | 135.8        |
| Khersonska                              | 342.3                                          | 381.0        | 308.8        | 208.4                                            | 262.3        | 182.3        | 318.9                                                | 431.4        | 262.2        | 185.9                                          | 239.0        | 140.0        | 109.9                                            | 164.7        | 75.4        | 172.8                                                | 268.3        | 115.4        |
| Khmelnitska                             | 333.6                                          | 367.5        | 304.5        | 197.2                                            | 242.8        | 173.1        | 302.3                                                | 395.5        | 253.2        | 189.2                                          | 243.4        | 142.4        | 104.1                                            | 156.5        | 70.5        | 168.2                                                | 262.2        | 111.3        |
| Cherkasska                              | 346.3                                          | 370.1        | 326.2        | 196.9                                            | 228.9        | 182.7        | 297.8                                                | 368.8        | 263.0        | 191.9                                          | 238.0        | 153.1        | 99.1                                             | 140.0        | 73.7        | 160.6                                                | 236.1        | 116.3        |
| Chernivetska                            | 269.9                                          | 288.8        | 253.2        | 177.0                                            | 215.6        | 155.3        | 274.6                                                | 351.6        | 231.3        | 176.4                                          | 205.6        | 150.6        | 106.4                                            | 147.4        | 81.0        | 176.9                                                | 254.1        | 131.3        |
| Chernigivska                            | 346.4                                          | 404.6        | 298.1        | 195.5                                            | 253.5        | 164.3        | 292.5                                                | 404.2        | 234.7        | 191.7                                          | 247.5        | 145.4        | 99.4                                             | 150.8        | 66.7        | 157.7                                                | 245.2        | 105.7        |
| Kyiv city                               | 364.1                                          | 351.8        | 374.7        | 228.3                                            | 249.4        | 220.5        | 359.8                                                | 413.8        | 334.4        | 169.6                                          | 190.4        | 151.8        | 99.7                                             | 131.0        | 80.3        | 169.5                                                | 227.8        | 134.6        |
| Sevastopol city                         |                                                |              |              |                                                  |              |              |                                                      |              |              |                                                |              |              |                                                  |              |             |                                                      |              |              |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |      |      | Crude incidence rate<br>per 100 000 of population |              |              | Number of deaths from<br>cancer registered in 2015* |      |      | Crude mortality rate<br>per 100 000 of population |              |              |
|--------------------------------------------------|---------------------------------------------------|------|------|---------------------------------------------------|--------------|--------------|-----------------------------------------------------|------|------|---------------------------------------------------|--------------|--------------|
|                                                  | ♂                                                 | ♀    | ▲    | ♂                                                 | ♀            | ▲            | ♂                                                   | ♀    | ▲    | ♂                                                 | ♀            | ▲            |
| <b>Ukraine</b>                                   |                                                   |      |      | <b>305.4</b>                                      | <b>319.9</b> | <b>292.9</b> |                                                     |      |      | <b>171.6</b>                                      | <b>207.7</b> | <b>140.4</b> |
| AR Krym                                          |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |
| Vinnytska                                        | 5172                                              | 2535 | 2637 | 322.6                                             | 342.8        | 305.3        | 3111                                                | 1851 | 1260 | 194.0                                             | 250.3        | 145.9        |
| Volynska                                         | 2593                                              | 1366 | 1227 | 249.3                                             | 278.6        | 223.1        | 1546                                                | 934  | 612  | 148.6                                             | 190.5        | 111.3        |
| Dnipropetrovska                                  | 10897                                             | 5124 | 5773 | 332.9                                             | 342.5        | 324.9        | 6233                                                | 3388 | 2845 | 190.4                                             | 226.4        | 160.1        |
| Donetska                                         |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |
| Zhytomyrska                                      | 3605                                              | 1769 | 1836 | 286.9                                             | 303.3        | 272.6        | 2251                                                | 1313 | 938  | 179.1                                             | 225.1        | 139.3        |
| Zakarpatska                                      | 2652                                              | 1397 | 1255 | 211.0                                             | 231.6        | 192.0        | 1611                                                | 996  | 615  | 128.2                                             | 165.1        | 94.1         |
| Zaporizzka                                       | 5663                                              | 2768 | 2895 | 320.8                                             | 343.5        | 301.8        | 3345                                                | 1794 | 1551 | 189.5                                             | 222.6        | 161.7        |
| Ivano-Frankivska                                 | 3338                                              | 1788 | 1550 | 241.9                                             | 274.2        | 213.0        | 2179                                                | 1254 | 925  | 157.9                                             | 192.3        | 127.1        |
| Kyivska                                          | 5470                                              | 2636 | 2834 | 317.4                                             | 330.7        | 305.9        | 2856                                                | 1592 | 1264 | 165.7                                             | 199.8        | 136.4        |
| Kirovogradsk                                     | 3962                                              | 1905 | 2057 | 406.7                                             | 425.6        | 390.7        | 2032                                                | 1181 | 851  | 208.6                                             | 263.9        | 161.6        |
| Louganska                                        |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |
| Lvivska                                          | 7482                                              | 3824 | 3658 | 297.0                                             | 320.5        | 275.8        | 4091                                                | 2362 | 1729 | 162.4                                             | 197.9        | 130.4        |
| Mykolajivska                                     | 3867                                              | 1875 | 1992 | 332.3                                             | 348.4        | 318.5        | 1921                                                | 1066 | 855  | 165.1                                             | 198.1        | 136.7        |
| Odesska                                          | 6185                                              | 3008 | 3177 | 259.3                                             | 268.4        | 251.2        | 2511                                                | 1396 | 1115 | 105.3                                             | 124.6        | 88.2         |
| Poltavska                                        | 4714                                              | 2288 | 2426 | 327.1                                             | 345.2        | 311.7        | 2972                                                | 1677 | 1295 | 206.2                                             | 253.0        | 166.4        |
| Rivnenska                                        | 2731                                              | 1356 | 1375 | 235.4                                             | 246.4        | 225.5        | 1661                                                | 945  | 716  | 143.2                                             | 171.7        | 117.4        |
| Soumska                                          | 4122                                              | 2056 | 2066 | 367.6                                             | 400.9        | 339.6        | 2293                                                | 1309 | 984  | 204.5                                             | 255.2        | 161.7        |
| Ternopilska                                      | 2947                                              | 1551 | 1396 | 276.3                                             | 311.7        | 245.3        | 1837                                                | 1123 | 714  | 172.2                                             | 225.7        | 125.5        |
| Kharkivska                                       | 8244                                              | 3653 | 4591 | 303.6                                             | 290.8        | 314.6        | 4751                                                | 2441 | 2310 | 175.0                                             | 194.3        | 158.3        |
| Khersonska                                       | 3473                                              | 1760 | 1713 | 325.7                                             | 356.2        | 299.3        | 2013                                                | 1186 | 827  | 188.8                                             | 240.0        | 144.5        |
| Khmelnitska                                      | 4275                                              | 2163 | 2112 | 329.3                                             | 359.5        | 303.3        | 2508                                                | 1451 | 1057 | 193.2                                             | 241.1        | 151.8        |
| Cherkasska                                       | 4205                                              | 2053 | 2152 | 336.9                                             | 359.4        | 317.9        | 2337                                                | 1321 | 1016 | 187.2                                             | 231.3        | 150.1        |
| Chernivetska                                     | 2185                                              | 1075 | 1110 | 240.9                                             | 252.2        | 230.9        | 1429                                                | 786  | 643  | 157.6                                             | 184.4        | 133.8        |
| Chernigivska                                     | 3414                                              | 1735 | 1679 | 326.0                                             | 365.2        | 293.5        | 2003                                                | 1157 | 846  | 191.3                                             | 243.5        | 147.9        |
| Kyiv city                                        | 9555                                              | 4157 | 5398 | 335.7                                             | 316.1        | 352.4        | 4747                                                | 2436 | 2311 | 166.8                                             | 185.3        | 150.9        |
| Sevastopol city                                  |                                                   |      |      |                                                   |              |              |                                                     |      |      |                                                   |              |              |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases,<br>%* |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014** | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |               |               |
|-----------------------------|----------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|---------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|---------------|---------------|
|                             | I-II                                   | III         | IV          | Not<br>determined |                                                               |                                                   |                                        |                                        |                                                      | ♂                                     | ♀             | ▲             |
| <b>Ukraine</b>              | <b>49.4</b>                            | <b>19.7</b> | <b>17.9</b> | <b>5.7</b>        | <b>34.8</b>                                                   | <b>1740</b>                                       | <b>66.3</b>                            | <b>82.6</b>                            | <b>24.9</b>                                          | <b>2025.0</b>                         | <b>1488.9</b> | <b>2489.4</b> |
| AR Krym                     |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |
| Vinnytska                   | 59.0                                   | 17.2        | 16.7        | 0.0               | 33.4                                                          | 26                                                | 63.3                                   | 76.3                                   | 23.7                                                 | 2058.6                                | 1467.1        | 2565.0        |
| Volynska                    | 51.1                                   | 15.8        | 18.8        | 4.5               | 34.0                                                          | 36                                                | 69.2                                   | 85.2                                   | 19.3                                                 | 1687.6                                | 1206.4        | 2116.7        |
| Dnipropetrovska             | 47.9                                   | 18.6        | 16.6        | 8.7               | 38.4                                                          | 73                                                | 57.7                                   | 82.4                                   | 14.3                                                 | 1916.4                                | 1330.4        | 2409.8        |
| Donetska                    |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |
| Zhytomyrska                 | 46.0                                   | 18.4        | 23.7        | 5.8               | 34.8                                                          | 23                                                | 63.4                                   | 90.0                                   | 25.5                                                 | 1846.0                                | 1291.7        | 2326.1        |
| Zakarpatska                 | 36.5                                   | 23.4        | 25.6        | 4.4               | 40.0                                                          | 83                                                | 64.1                                   | 85.4                                   | 16.6                                                 | 1344.9                                | 1024.9        | 1640.3        |
| Zaporizzka                  | 45.7                                   | 21.4        | 21.5        | 6.5               | 37.5                                                          | 289                                               | 54.0                                   | 77.4                                   | 25.2                                                 | 2084.4                                | 1570.9        | 2515.8        |
| Ivano-Frankivska            | 44.1                                   | 21.3        | 21.7        | 4.8               | 36.5                                                          | 27                                                | 65.4                                   | 80.5                                   | 13.7                                                 | 1348.3                                | 1020.8        | 1641.6        |
| Kyivska                     | 51.5                                   | 20.1        | 21.6        | 1.4               | 31.2                                                          | 19                                                | 69.1                                   | 80.7                                   | 24.0                                                 | 2389.7                                | 1706.0        | 2977.9        |
| Kirovogradsk                | 51.0                                   | 17.9        | 21.0        | 1.2               | 34.3                                                          | 130                                               | 65.6                                   | 78.6                                   | 21.0                                                 | 2050.9                                | 1425.8        | 2582.2        |
| Louganska                   |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |
| Lvivska                     | 45.5                                   | 22.9        | 16.7        | 7.7               | 35.0                                                          | 15                                                | 68.8                                   | 81.8                                   | 20.3                                                 | 1961.2                                | 1566.4        | 2316.4        |
| Mykolajivska                | 52.6                                   | 23.5        | 17.7        | 1.1               | 37.5                                                          | 135                                               | 65.1                                   | 78.9                                   | 38.6                                                 | 2167.3                                | 1651.2        | 2611.4        |
| Odesska                     | 55.6                                   | 20.7        | 13.6        | 3.8               | 26.0                                                          | 145                                               | 72.3                                   | 96.1                                   | 22.7                                                 | 2479.4                                | 1963.6        | 2936.3        |
| Poltavska                   | 49.6                                   | 23.3        | 23.1        | 0.1               | 37.8                                                          | 35                                                | 64.1                                   | 81.2                                   | 19.7                                                 | 2013.4                                | 1424.6        | 2514.8        |
| Rivnenska                   | 48.3                                   | 16.1        | 14.1        | 8.6               | 32.0                                                          | 2                                                 | 68.2                                   | 77.7                                   | 30.7                                                 | 1578.5                                | 1136.7        | 1977.3        |
| Soumska                     | 62.1                                   | 14.2        | 11.9        | 5.8               | 32.6                                                          | 5                                                 | 72.5                                   | 80.2                                   | 27.0                                                 | 2191.2                                | 1590.1        | 2697.9        |
| Ternopilska                 | 48.3                                   | 21.5        | 18.6        | 2.4               | 34.5                                                          | 38                                                | 72.9                                   | 82.5                                   | 27.0                                                 | 1800.0                                | 1383.9        | 2163.9        |
| Kharkivska                  | 50.2                                   | 18.9        | 13.8        | 9.3               | 37.9                                                          | 104                                               | 63.0                                   | 75.7                                   | 26.4                                                 | 2234.3                                | 1586.0        | 2792.5        |
| Khersonska                  | 45.2                                   | 18.5        | 28.5        | 0.9               | 36.9                                                          | 48                                                | 69.5                                   | 88.1                                   | 23.9                                                 | 2085.7                                | 1547.8        | 2550.2        |
| Khmelnitska                 | 53.8                                   | 23.9        | 10.6        | 2.4               | 35.1                                                          | 14                                                | 68.3                                   | 77.0                                   | 18.5                                                 | 1842.9                                | 1390.2        | 2234.1        |
| Cherkasska                  | 48.4                                   | 20.6        | 24.4        | 0.9               | 34.2                                                          | 117                                               | 69.9                                   | 86.1                                   | 22.6                                                 | 2203.1                                | 1637.2        | 2680.6        |
| Chernivetska                | 36.1                                   | 20.2        | 22.6        | 15.0              | 37.8                                                          | 93                                                | 64.6                                   | 76.7                                   | 24.2                                                 | 1845.6                                | 1516.5        | 2137.5        |
| Chernigivska                | 45.4                                   | 20.8        | 25.2        | 2.4               | 38.3                                                          | 71                                                | 71.2                                   | 83.4                                   | 17.8                                                 | 2066.0                                | 1530.8        | 2510.5        |
| Kyiv city                   | 49.1                                   | 16.0        | 9.3         | 16.7              | 31.0                                                          | 212                                               | 73.2                                   | 90.9                                   | 52.9                                                 | 2344.4                                | 1640.0        | 2949.2        |
| Sevastopol city             |                                        |             |             |                   |                                                               |                                                   |                                        |                                        |                                                      |                                       |               |               |

\* - Ann-Arbour stage for lymphomas, stage according to TNM for other cancers;

\*\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 695  | 496  | 199  |
| Incidence (crude rate)                                                    |                                         |  | 1.9  | 2.9  | 1.0  |
| Incidence (age-standardized, world standard)                              |                                         |  | 0.9  | 1.9  | 0.4  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 1.7  | 3.4  | 0.7  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 115  | 89   | 26   |
| Mortality (crude rate)                                                    |                                         |  | 0.3  | 0.5  | 0.1  |
| Mortality (age-standardized, world standard)                              |                                         |  | 0.2  | 0.3  | 0.0  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 0.3  | 0.6  | 0.1  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 7.2  | 7.1  | 7.3  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.2  | 0.2  | 0.0  |
| Microscopically verified diagnoses, %                                     |                                         |  | 96.8 | 97.2 | 96.0 |
| Diagnoses verified with histology, %                                      |                                         |  | 69.9 | 69.6 | 70.9 |
| Not specified morphology, %                                               |                                         |  | 5.9  | 5.8  | 6.3  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 54.8 | 56.7 | 50.3 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 86.0 | 87.1 | 83.1 |
| - surgical treatment only, %                                              |                                         |  | 30.9 | 31.5 | 29.4 |
| - combined or complex scheme of treatment, %                              |                                         |  | 14.2 | 15.5 | 10.7 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 1    | 0    | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>1.9</b>                                     | <b>2.9</b> | <b>1.0</b> | <b>0.9</b>                                       | <b>1.9</b> | <b>0.4</b> | <b>1.7</b>                                           | <b>3.4</b> | <b>0.7</b> | <b>0.3</b>                                     | <b>0.5</b> | <b>0.1</b> | <b>0.2</b>                                       | <b>0.3</b> | <b>0.0</b> | <b>0.3</b>                                           | <b>0.6</b> | <b>0.1</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 2.6                                            | 3.8        | 1.6        | 1.1                                              | 2.1        | 0.5        | 2.1                                                  | 4.2        | 0.9        | 0.5                                            | 0.9        | 0.1        | 0.2                                              | 0.6        | 0.0        | 0.4                                                  | 1.0        | 0.0        |  |
| Volynska                                       | 1.2                                            | 1.6        | 0.7        | 0.7                                              | 1.3        | 0.3        | 1.2                                                  | 2.1        | 0.6        | 0.1                                            | 0.2        | 0.0        | 0.1                                              | 0.1        | 0.0        | 0.1                                                  | 0.2        | 0.0        |  |
| Dnipropetrovsk                                 | 1.2                                            | 2.1        | 0.5        | 0.6                                              | 1.3        | 0.2        | 1.1                                                  | 2.4        | 0.3        | 0.3                                            | 0.5        | 0.1        | 0.2                                              | 0.3        | 0.0        | 0.2                                                  | 0.5        | 0.1        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 2.2                                            | 4.3        | 0.4        | 1.1                                              | 2.6        | 0.1        | 1.9                                                  | 4.6        | 0.3        | 0.5                                            | 1.0        | 0.0        | 0.3                                              | 0.8        | 0.0        | 0.5                                                  | 1.4        | 0.0        |  |
| Zakarpatska                                    | 1.1                                            | 1.5        | 0.8        | 0.7                                              | 1.2        | 0.4        | 1.3                                                  | 2.1        | 0.7        | 0.2                                            | 0.3        | 0.0        | 0.1                                              | 0.4        | 0.0        | 0.2                                                  | 0.8        | 0.0        |  |
| Zaporizzka                                     | 2.1                                            | 3.5        | 0.9        | 1.1                                              | 2.1        | 0.6        | 1.8                                                  | 3.8        | 0.7        | 0.3                                            | 0.6        | 0.1        | 0.2                                              | 0.4        | 0.0        | 0.3                                                  | 0.7        | 0.1        |  |
| Ivano-Frankivska                               | 1.7                                            | 2.8        | 0.8        | 1.0                                              | 2.2        | 0.3        | 1.7                                                  | 3.6        | 0.6        | 0.4                                            | 0.9        | 0.0        | 0.3                                              | 0.7        | 0.0        | 0.5                                                  | 1.3        | 0.0        |  |
| Kyivska                                        | 1.7                                            | 2.8        | 0.8        | 0.9                                              | 1.9        | 0.3        | 1.5                                                  | 3.1        | 0.5        | 0.6                                            | 1.0        | 0.2        | 0.3                                              | 0.7        | 0.1        | 0.5                                                  | 1.3        | 0.1        |  |
| Kirovogradsk                                   | 2.9                                            | 4.7        | 1.3        | 1.3                                              | 2.6        | 0.6        | 2.3                                                  | 4.9        | 1.0        | 0.3                                            | 0.4        | 0.2        | 0.1                                              | 0.2        | 0.0        | 0.2                                                  | 0.5        | 0.1        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 1.8                                            | 2.4        | 1.3        | 0.9                                              | 1.6        | 0.5        | 1.7                                                  | 3.0        | 0.9        | 0.1                                            | 0.2        | 0.1        | 0.1                                              | 0.1        | 0.0        | 0.1                                                  | 0.2        | 0.0        |  |
| Mykolajivska                                   | 2.7                                            | 4.3        | 1.3        | 1.2                                              | 2.6        | 0.4        | 2.4                                                  | 5.0        | 1.0        | 0.3                                            | 0.6        | 0.2        | 0.2                                              | 0.3        | 0.0        | 0.3                                                  | 0.6        | 0.1        |  |
| Odesska                                        | 2.1                                            | 3.2        | 1.2        | 1.2                                              | 2.2        | 0.5        | 2.0                                                  | 3.8        | 0.9        | 0.6                                            | 0.7        | 0.6        | 0.3                                              | 0.4        | 0.2        | 0.6                                                  | 0.8        | 0.4        |  |
| Poltavsk                                       | 2.1                                            | 3.5        | 1.0        | 1.0                                              | 2.1        | 0.4        | 1.8                                                  | 3.6        | 0.7        | 0.2                                            | 0.2        | 0.3        | 0.1                                              | 0.1        | 0.1        | 0.2                                                  | 0.1        | 0.2        |  |
| Rivnenska                                      | 1.3                                            | 1.5        | 1.2        | 0.8                                              | 1.2        | 0.6        | 1.5                                                  | 2.1        | 1.0        | 0.1                                            | 0.2        | 0.0        | 0.1                                              | 0.2        | 0.0        | 0.1                                                  | 0.3        | 0.0        |  |
| Soumska                                        | 2.0                                            | 2.9        | 1.3        | 0.8                                              | 1.5        | 0.3        | 1.6                                                  | 3.0        | 0.7        | 0.4                                            | 0.2        | 0.5        | 0.1                                              | 0.1        | 0.1        | 0.2                                                  | 0.2        | 0.3        |  |
| Ternopilska                                    | 2.5                                            | 3.8        | 1.4        | 1.3                                              | 2.5        | 0.5        | 2.4                                                  | 4.8        | 1.0        | 0.3                                            | 0.4        | 0.2        | 0.1                                              | 0.2        | 0.0        | 0.2                                                  | 0.5        | 0.1        |  |
| Kharkivska                                     | 1.8                                            | 2.9        | 1.0        | 0.8                                              | 1.8        | 0.3        | 1.6                                                  | 3.6        | 0.6        | 0.3                                            | 0.6        | 0.1        | 0.2                                              | 0.4        | 0.0        | 0.3                                                  | 0.7        | 0.0        |  |
| Khersonska                                     | 2.6                                            | 4.0        | 1.4        | 1.5                                              | 2.9        | 0.5        | 2.5                                                  | 4.8        | 1.0        | 0.5                                            | 0.8        | 0.2        | 0.3                                              | 0.5        | 0.1        | 0.4                                                  | 0.8        | 0.1        |  |
| Khmelnitska                                    | 3.1                                            | 4.0        | 2.3        | 1.4                                              | 2.4        | 0.6        | 2.5                                                  | 4.3        | 1.2        | 0.8                                            | 1.3        | 0.3        | 0.3                                              | 0.7        | 0.1        | 0.5                                                  | 1.4        | 0.1        |  |
| Cherkasska                                     | 1.6                                            | 2.3        | 1.0        | 0.7                                              | 1.3        | 0.3        | 1.3                                                  | 2.3        | 0.7        | 0.2                                            | 0.5        | 0.0        | 0.1                                              | 0.3        | 0.0        | 0.2                                                  | 0.5        | 0.0        |  |
| Chernivetska                                   | 2.9                                            | 4.2        | 1.7        | 1.4                                              | 2.5        | 0.7        | 2.6                                                  | 4.9        | 1.4        | 0.1                                            | 0.0        | 0.2        | 0.0                                              | 0.0        | 0.1        | 0.1                                                  | 0.0        | 0.1        |  |
| Chernigivska                                   | 3.9                                            | 6.9        | 1.4        | 1.6                                              | 3.6        | 0.3        | 2.8                                                  | 6.6        | 0.6        | 0.2                                            | 0.4        | 0.0        | 0.1                                              | 0.2        | 0.0        | 0.1                                                  | 0.4        | 0.0        |  |
| Kyiv city                                      | 0.4                                            | 0.7        | 0.2        | 0.2                                              | 0.4        | 0.1        | 0.4                                                  | 0.8        | 0.2        | 0.0                                            | 0.1        | 0.0        | 0.0                                              | 0.1        | 0.0        | 0.1                                                  | 0.1        | 0.0        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |   | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|---|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲ | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |    | <b>1.7</b>                                        | <b>2.5</b> | <b>1.0</b> |                                                     |    |   | <b>0.3</b>                                        | <b>0.5</b> | <b>0.1</b> |
| AR Krym                                          |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |
| Vinnytska                                        | 38                                                | 29 | 9  | 2.4                                               | 3.9        | 1.0        | 8                                                   | 7  | 1 | 0.5                                               | 1.0        | 0.1        |
| Volynska                                         | 16                                                | 12 | 4  | 1.5                                               | 2.5        | 0.7        | 2                                                   | 2  | 0 | 0.2                                               | 0.4        | 0.0        |
| Dnipropetrovska                                  | 38                                                | 29 | 9  | 1.2                                               | 1.9        | 0.5        | 16                                                  | 10 | 6 | 0.5                                               | 0.7        | 0.3        |
| Donetska                                         |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |
| Zhytomyrska                                      | 34                                                | 22 | 12 | 2.7                                               | 3.8        | 1.8        | 10                                                  | 8  | 2 | 0.8                                               | 1.4        | 0.3        |
| Zakarpatska                                      | 7                                                 | 5  | 2  | 0.6                                               | 0.8        | 0.3        | 1                                                   | 1  | 0 | 0.1                                               | 0.2        | 0.0        |
| Zaporizzka                                       | 32                                                | 20 | 12 | 1.8                                               | 2.5        | 1.3        | 4                                                   | 4  | 0 | 0.2                                               | 0.5        | 0.0        |
| Ivano-Frankivska                                 | 17                                                | 12 | 5  | 1.2                                               | 1.8        | 0.7        | 4                                                   | 4  | 0 | 0.3                                               | 0.6        | 0.0        |
| Kyivska                                          | 31                                                | 22 | 9  | 1.8                                               | 2.8        | 1.0        | 6                                                   | 5  | 1 | 0.4                                               | 0.6        | 0.1        |
| Kirovogradksa                                    | 30                                                | 20 | 10 | 3.1                                               | 4.5        | 1.9        | 3                                                   | 3  | 0 | 0.3                                               | 0.7        | 0.0        |
| Louganska                                        |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |
| Lvivska                                          | 30                                                | 24 | 6  | 1.2                                               | 2.0        | 0.5        | 4                                                   | 2  | 2 | 0.2                                               | 0.2        | 0.2        |
| Mykolajivska                                     | 30                                                | 22 | 8  | 2.6                                               | 4.1        | 1.3        | 6                                                   | 6  | 0 | 0.5                                               | 1.1        | 0.0        |
| Odesska                                          | 42                                                | 29 | 13 | 1.8                                               | 2.6        | 1.0        | 7                                                   | 7  | 0 | 0.3                                               | 0.6        | 0.0        |
| Poltavska                                        | 22                                                | 12 | 10 | 1.5                                               | 1.8        | 1.3        | 8                                                   | 5  | 3 | 0.6                                               | 0.8        | 0.4        |
| Rivnenska                                        | 15                                                | 6  | 9  | 1.3                                               | 1.1        | 1.5        | 3                                                   | 2  | 1 | 0.3                                               | 0.4        | 0.2        |
| Soumska                                          | 31                                                | 21 | 10 | 2.8                                               | 4.1        | 1.6        | 4                                                   | 1  | 3 | 0.4                                               | 0.2        | 0.5        |
| Ternopilska                                      | 30                                                | 21 | 9  | 2.8                                               | 4.2        | 1.6        | 4                                                   | 3  | 1 | 0.4                                               | 0.6        | 0.2        |
| Kharkivska                                       | 38                                                | 20 | 18 | 1.4                                               | 1.6        | 1.2        | 7                                                   | 5  | 2 | 0.3                                               | 0.4        | 0.1        |
| Khersonska                                       | 35                                                | 25 | 10 | 3.3                                               | 5.1        | 1.8        | 3                                                   | 3  | 0 | 0.3                                               | 0.6        | 0.0        |
| Khmelnitska                                      | 31                                                | 18 | 13 | 2.4                                               | 3.0        | 1.9        | 6                                                   | 4  | 2 | 0.5                                               | 0.7        | 0.3        |
| Cherkasska                                       | 27                                                | 20 | 7  | 2.2                                               | 3.5        | 1.0        | 4                                                   | 2  | 2 | 0.3                                               | 0.4        | 0.3        |
| Chernivetska                                     | 11                                                | 9  | 2  | 1.2                                               | 2.1        | 0.4        | 2                                                   | 2  | 0 | 0.2                                               | 0.5        | 0.0        |
| Chernigivska                                     | 28                                                | 23 | 5  | 2.7                                               | 4.8        | 0.9        | 3                                                   | 2  | 1 | 0.3                                               | 0.4        | 0.2        |
| Kyiv city                                        | 10                                                | 6  | 4  | 0.4                                               | 0.5        | 0.3        | 1                                                   | 1  | 0 | 0.0                                               | 0.1        | 0.0        |
| Sebastopol city                                  |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |            |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III        | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>88.4</b>                                            | <b>9.3</b> | <b>1.4</b> | <b>0.9</b>        | <b>7.2</b>                                                    | <b>1</b>                                         | <b>84.6</b>                            | <b>96.8</b>                            | <b>56.3</b>                                          | <b>37.4</b>                           | <b>60.7</b> | <b>17.2</b> |
| AR Krym                     |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 97.1                                                   | 2.9        | 0.0        | 0.0               | 2.9                                                           | 0                                                | 85.3                                   | 84.2                                   | 76.5                                                 | 51.7                                  | 83.3        | 24.7        |
| Volynska                    | 93.3                                                   | 6.7        | 0.0        | 0.0               | 9.1                                                           | 0                                                | 93.3                                   | 100.0                                  | 66.7                                                 | 33.5                                  | 54.5        | 14.7        |
| Dnipropetrovska             | 84.8                                                   | 9.1        | 0.0        | 6.1               | 15.2                                                          | 0                                                | 75.8                                   | 100.0                                  | 42.4                                                 | 24.2                                  | 39.6        | 11.2        |
| Donetska                    |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 80.6                                                   | 16.1       | 3.2        | 0.0               | 14.8                                                          | 0                                                | 80.6                                   | 100.0                                  | 54.8                                                 | 42.2                                  | 65.5        | 22.0        |
| Zakarpatska                 | 80.0                                                   | 20.0       | 0.0        | 0.0               | 0.0                                                           | 0                                                | 100.0                                  | 100.0                                  | 60.0                                                 | 24.9                                  | 42.6        | 8.6         |
| Zaporizzka                  | 89.7                                                   | 6.9        | 3.4        | 0.0               | 9.4                                                           | 0                                                | 62.1                                   | 93.8                                   | 51.7                                                 | 42.8                                  | 68.9        | 21.0        |
| Ivano-Frankivska            | 75.0                                                   | 25.0       | 0.0        | 0.0               | 4.5                                                           | 0                                                | 87.5                                   | 88.2                                   | 68.8                                                 | 25.5                                  | 38.3        | 14.0        |
| Kyivska                     | 78.6                                                   | 14.3       | 7.1        | 0.0               | 0.0                                                           | 0                                                | 82.1                                   | 93.5                                   | 53.6                                                 | 41.1                                  | 68.4        | 17.7        |
| Kirovogradksa               | 93.1                                                   | 6.9        | 0.0        | 0.0               | 4.0                                                           | 0                                                | 89.7                                   | 100.0                                  | 37.9                                                 | 42.9                                  | 68.1        | 21.5        |
| Louganska                   |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 65.5                                                   | 27.6       | 6.9        | 0.0               | 8.1                                                           | 0                                                | 93.1                                   | 100.0                                  | 51.7                                                 | 38.1                                  | 64.4        | 14.4        |
| Mykolajivska                | 96.3                                                   | 3.7        | 0.0        | 0.0               | 0.0                                                           | 0                                                | 96.3                                   | 96.7                                   | 81.5                                                 | 52.6                                  | 87.0        | 23.0        |
| Odesska                     | 97.4                                                   | 2.6        | 0.0        | 0.0               | 4.1                                                           | 0                                                | 81.6                                   | 100.0                                  | 57.9                                                 | 48.6                                  | 78.0        | 22.5        |
| Poltavska                   | 95.0                                                   | 5.0        | 0.0        | 0.0               | 3.3                                                           | 0                                                | 90.0                                   | 95.5                                   | 25.0                                                 | 43.9                                  | 72.1        | 19.9        |
| Rivnenska                   | 71.4                                                   | 28.6       | 0.0        | 0.0               | 0.0                                                           | 0                                                | 57.1                                   | 100.0                                  | 35.7                                                 | 26.1                                  | 41.3        | 12.5        |
| Soumska                     | 88.9                                                   | 3.7        | 0.0        | 7.4               | 25.0                                                          | 0                                                | 81.5                                   | 93.5                                   | 66.7                                                 | 54.4                                  | 86.0        | 27.8        |
| Ternopilska                 | 92.0                                                   | 8.0        | 0.0        | 0.0               | 0.0                                                           | 0                                                | 92.0                                   | 100.0                                  | 72.0                                                 | 47.8                                  | 80.6        | 19.2        |
| Kharkivska                  | 97.3                                                   | 2.7        | 0.0        | 0.0               | 17.0                                                          | 1                                                | 75.7                                   | 97.4                                   | 67.6                                                 | 29.9                                  | 48.9        | 13.5        |
| Khersonska                  | 86.7                                                   | 13.3       | 0.0        | 0.0               | 13.0                                                          | 0                                                | 100.0                                  | 100.0                                  | 26.7                                                 | 48.3                                  | 76.5        | 23.9        |
| Khmelnitska                 | 100.0                                                  | 0.0        | 0.0        | 0.0               | 7.5                                                           | 0                                                | 92.0                                   | 100.0                                  | 72.0                                                 | 50.2                                  | 81.4        | 23.3        |
| Cherkasska                  | 87.0                                                   | 8.7        | 4.3        | 0.0               | 0.0                                                           | 0                                                | 87.0                                   | 92.6                                   | 39.1                                                 | 46.4                                  | 76.3        | 21.1        |
| Chernivetska                | 60.0                                                   | 20.0       | 10.0       | 10.0              | 4.2                                                           | 0                                                | 60.0                                   | 100.0                                  | 30.0                                                 | 60.1                                  | 96.7        | 27.7        |
| Chernigivska                | 91.7                                                   | 8.3        | 0.0        | 0.0               | 5.1                                                           | 0                                                | 95.8                                   | 96.4                                   | 62.5                                                 | 37.5                                  | 62.3        | 17.0        |
| Kyiv city                   | 100.0                                                  | 0.0        | 0.0        | 0.0               | 9.1                                                           | 0                                                | 88.9                                   | 100.0                                  | 100.0                                                | 7.7                                   | 12.2        | 3.8         |
| Sebastopol city             |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 2260 | 1791 | 469  |
| Incidence (crude rate)                                                    |                                         |  | 6.2  | 10.6 | 2.4  |
| Incidence (age-standardized, world standard)                              |                                         |  | 4.0  | 7.6  | 1.3  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 5.8  | 11.1 | 2.0  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1449 | 1243 | 206  |
| Mortality (crude rate)                                                    |                                         |  | 4.0  | 7.4  | 1.1  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.5  | 5.3  | 0.5  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 3.7  | 7.8  | 0.8  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 42.9 | 46.3 | 29.1 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.2  | 1.4  | 0.2  |
| Microscopically verified diagnoses, %                                     |                                         |  | 96.3 | 96.5 | 95.5 |
| Diagnoses verified with histology, %                                      |                                         |  | 77.4 | 77.0 | 78.9 |
| Not specified morphology, %                                               |                                         |  | 6.1  | 5.4  | 8.7  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 23.4 | 22.3 | 27.7 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 79.5 | 79.2 | 81.0 |
| - surgical treatment only, %                                              |                                         |  | 4.5  | 3.2  | 9.9  |
| - combined or complex scheme of treatment, %                              |                                         |  | 19.0 | 17.1 | 26.3 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 3    | 1    | 2    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|-------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>6.2</b>                                     | <b>10.6</b> | <b>2.4</b> | <b>4.0</b>                                       | <b>7.6</b> | <b>1.3</b> | <b>5.8</b>                                           | <b>11.1</b> | <b>2.0</b> | <b>4.0</b>                                     | <b>7.4</b> | <b>1.1</b> | <b>2.5</b>                                       | <b>5.3</b> | <b>0.5</b> | <b>3.7</b>                                           | <b>7.8</b> | <b>0.8</b> |  |
| AR Krym                                        |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 7.3                                            | 13.5        | 2.1        | 5.0                                              | 9.7        | 1.3        | 6.9                                                  | 13.7        | 1.7        | 5.4                                            | 10.6       | 0.9        | 3.3                                              | 7.3        | 0.3        | 4.7                                                  | 10.5       | 0.5        |  |
| Volynska                                       | 6.2                                            | 10.8        | 2.0        | 4.6                                              | 8.6        | 1.4        | 6.4                                                  | 12.0        | 2.1        | 4.0                                            | 8.0        | 0.4        | 3.0                                              | 6.6        | 0.3        | 4.1                                                  | 9.1        | 0.4        |  |
| Dnipropetrovsk                                 | 5.1                                            | 8.4         | 2.4        | 3.1                                              | 5.8        | 1.2        | 4.7                                                  | 9.0         | 1.9        | 3.6                                            | 6.5        | 1.2        | 2.2                                              | 4.5        | 0.6        | 3.2                                                  | 6.8        | 0.9        |  |
| Donetska                                       |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 8.9                                            | 15.9        | 3.0        | 5.6                                              | 11.3       | 1.2        | 8.1                                                  | 16.2        | 2.0        | 5.3                                            | 10.2       | 1.0        | 3.6                                              | 7.7        | 0.4        | 5.1                                                  | 10.8       | 0.7        |  |
| Zakarpatska                                    | 4.6                                            | 8.6         | 0.9        | 3.3                                              | 6.8        | 0.6        | 5.0                                                  | 10.1        | 1.0        | 4.2                                            | 7.5        | 1.2        | 3.1                                              | 6.1        | 0.7        | 4.6                                                  | 9.2        | 1.1        |  |
| Zaporizzka                                     | 6.1                                            | 10.1        | 2.7        | 3.7                                              | 7.0        | 1.5        | 5.4                                                  | 10.3        | 2.2        | 3.7                                            | 6.5        | 1.2        | 2.2                                              | 4.4        | 0.6        | 3.2                                                  | 6.6        | 0.9        |  |
| Ivano-Frankivska                               | 5.4                                            | 10.7        | 0.7        | 3.9                                              | 8.3        | 0.4        | 5.4                                                  | 11.6        | 0.6        | 3.6                                            | 6.9        | 0.7        | 2.6                                              | 5.5        | 0.4        | 3.7                                                  | 8.0        | 0.7        |  |
| Kyivska                                        | 6.1                                            | 9.3         | 3.3        | 3.9                                              | 6.8        | 1.9        | 5.7                                                  | 9.8         | 2.8        | 5.2                                            | 9.2        | 1.8        | 3.2                                              | 6.6        | 0.9        | 4.8                                                  | 9.8        | 1.4        |  |
| Kirovogradsk                                   | 4.7                                            | 8.2         | 1.7        | 2.9                                              | 5.7        | 0.6        | 4.2                                                  | 8.0         | 1.2        | 3.4                                            | 6.2        | 0.9        | 2.2                                              | 4.4        | 0.5        | 3.0                                                  | 6.0        | 0.8        |  |
| Louganska                                      |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 5.7                                            | 9.6         | 2.2        | 3.7                                              | 6.9        | 1.2        | 5.3                                                  | 9.8         | 1.9        | 2.7                                            | 5.1        | 0.5        | 1.8                                              | 3.8        | 0.2        | 2.6                                                  | 5.6        | 0.4        |  |
| Mykolajivska                                   | 5.9                                            | 10.2        | 2.2        | 3.9                                              | 7.4        | 1.2        | 5.4                                                  | 10.4        | 1.7        | 3.9                                            | 6.7        | 1.4        | 2.3                                              | 4.8        | 0.6        | 3.4                                                  | 6.8        | 0.9        |  |
| Odesska                                        | 6.5                                            | 10.7        | 2.7        | 4.2                                              | 7.9        | 1.3        | 6.2                                                  | 11.6        | 2.2        | 3.6                                            | 6.4        | 1.0        | 2.3                                              | 4.7        | 0.6        | 3.4                                                  | 7.0        | 0.9        |  |
| Poltavsk                                       | 6.3                                            | 11.1        | 2.2        | 3.8                                              | 7.5        | 1.1        | 5.6                                                  | 11.1        | 1.7        | 4.9                                            | 8.7        | 1.7        | 2.8                                              | 5.8        | 0.7        | 4.3                                                  | 8.9        | 1.2        |  |
| Rivnenska                                      | 7.2                                            | 12.8        | 2.1        | 5.3                                              | 10.4       | 1.4        | 7.7                                                  | 15.2        | 2.2        | 4.8                                            | 9.1        | 0.8        | 3.6                                              | 7.7        | 0.6        | 5.4                                                  | 11.9       | 0.8        |  |
| Soumska                                        | 8.6                                            | 14.3        | 3.8        | 5.2                                              | 9.2        | 2.4        | 7.4                                                  | 13.5        | 3.2        | 3.7                                            | 7.2        | 0.8        | 2.1                                              | 4.4        | 0.4        | 3.0                                                  | 6.4        | 0.5        |  |
| Ternopilska                                    | 5.8                                            | 10.2        | 1.9        | 4.0                                              | 7.8        | 1.0        | 5.7                                                  | 11.2        | 1.6        | 3.4                                            | 6.0        | 1.1        | 2.2                                              | 4.6        | 0.4        | 3.2                                                  | 6.5        | 0.7        |  |
| Kharkivska                                     | 6.5                                            | 10.1        | 3.4        | 3.8                                              | 7.0        | 1.6        | 5.6                                                  | 10.0        | 2.5        | 3.9                                            | 6.5        | 1.7        | 2.3                                              | 4.5        | 0.9        | 3.6                                                  | 7.0        | 1.3        |  |
| Khersonska                                     | 6.9                                            | 11.3        | 3.1        | 4.1                                              | 7.7        | 1.9        | 6.4                                                  | 12.6        | 2.7        | 5.0                                            | 9.7        | 1.0        | 3.0                                              | 6.7        | 0.6        | 4.6                                                  | 10.6       | 0.9        |  |
| Khmelnitska                                    | 7.6                                            | 14.1        | 2.0        | 4.6                                              | 9.6        | 0.9        | 7.0                                                  | 14.5        | 1.7        | 4.9                                            | 9.3        | 1.1        | 3.0                                              | 6.3        | 0.6        | 4.4                                                  | 9.3        | 0.9        |  |
| Cherkasska                                     | 6.1                                            | 11.7        | 1.3        | 3.7                                              | 7.8        | 0.6        | 5.1                                                  | 10.7        | 0.9        | 3.5                                            | 6.6        | 0.9        | 2.1                                              | 4.3        | 0.5        | 3.1                                                  | 6.3        | 0.7        |  |
| Chernivetska                                   | 5.0                                            | 9.2         | 1.3        | 3.3                                              | 6.8        | 0.7        | 4.9                                                  | 10.1        | 1.1        | 3.2                                            | 6.1        | 0.6        | 2.1                                              | 4.6        | 0.4        | 3.2                                                  | 7.2        | 0.6        |  |
| Chernigivska                                   | 8.1                                            | 14.4        | 2.9        | 4.9                                              | 9.5        | 1.4        | 7.0                                                  | 13.4        | 2.2        | 5.6                                            | 11.3       | 0.9        | 3.5                                              | 7.4        | 0.6        | 4.8                                                  | 10.5       | 0.8        |  |
| Kyiv city                                      | 5.3                                            | 7.8         | 3.2        | 3.4                                              | 5.6        | 1.8        | 5.1                                                  | 8.5         | 2.7        | 3.0                                            | 5.7        | 0.7        | 2.0                                              | 4.2        | 0.4        | 2.9                                                  | 6.3        | 0.6        |  |
| Sevastopol city                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |    | Crude incidence rate<br>per 100 000 of population |             |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|----|---------------------------------------------------|-------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲  | ♀                                                 | ♂           | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |    | <b>5.9</b>                                        | <b>10.1</b> | <b>2.2</b> |                                                     |    |    | <b>4.0</b>                                        | <b>7.3</b> | <b>1.1</b> |
| AR Krym                                          |                                                   |     |    |                                                   |             |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 120                                               | 108 | 12 | 7.5                                               | 14.6        | 1.4        | 94                                                  | 84 | 10 | 5.9                                               | 11.4       | 1.2        |
| Volynska                                         | 61                                                | 59  | 2  | 5.9                                               | 12.0        | 0.4        | 42                                                  | 40 | 2  | 4.0                                               | 8.2        | 0.4        |
| Dnipropetrovska                                  | 179                                               | 151 | 28 | 5.5                                               | 10.1        | 1.6        | 124                                                 | 97 | 27 | 3.8                                               | 6.5        | 1.5        |
| Donetska                                         |                                                   |     |    |                                                   |             |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 90                                                | 69  | 21 | 7.2                                               | 11.8        | 3.1        | 68                                                  | 60 | 8  | 5.4                                               | 10.3       | 1.2        |
| Zakarpatska                                      | 68                                                | 63  | 5  | 5.4                                               | 10.4        | 0.8        | 52                                                  | 48 | 4  | 4.1                                               | 8.0        | 0.6        |
| Zaporizzka                                       | 109                                               | 85  | 24 | 6.2                                               | 10.6        | 2.5        | 63                                                  | 51 | 12 | 3.6                                               | 6.3        | 1.3        |
| Ivano-Frankivska                                 | 65                                                | 55  | 10 | 4.7                                               | 8.4         | 1.4        | 46                                                  | 43 | 3  | 3.3                                               | 6.6        | 0.4        |
| Kyivska                                          | 101                                               | 81  | 20 | 5.9                                               | 10.2        | 2.2        | 71                                                  | 55 | 16 | 4.1                                               | 6.9        | 1.7        |
| Kirovogradksa                                    | 57                                                | 38  | 19 | 5.9                                               | 8.5         | 3.6        | 34                                                  | 25 | 9  | 3.5                                               | 5.6        | 1.7        |
| Louganska                                        |                                                   |     |    |                                                   |             |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 109                                               | 93  | 16 | 4.3                                               | 7.8         | 1.2        | 86                                                  | 67 | 19 | 3.4                                               | 5.6        | 1.4        |
| Mykolajivska                                     | 74                                                | 60  | 14 | 6.4                                               | 11.2        | 2.2        | 40                                                  | 33 | 7  | 3.4                                               | 6.1        | 1.1        |
| Odesska                                          | 142                                               | 110 | 32 | 6.0                                               | 9.8         | 2.5        | 80                                                  | 72 | 8  | 3.4                                               | 6.4        | 0.6        |
| Poltavska                                        | 101                                               | 79  | 22 | 7.0                                               | 11.9        | 2.8        | 57                                                  | 46 | 11 | 4.0                                               | 6.9        | 1.4        |
| Rivnenska                                        | 66                                                | 61  | 5  | 5.7                                               | 11.1        | 0.8        | 53                                                  | 50 | 3  | 4.6                                               | 9.1        | 0.5        |
| Soumska                                          | 93                                                | 80  | 13 | 8.3                                               | 15.6        | 2.1        | 57                                                  | 50 | 7  | 5.1                                               | 9.8        | 1.2        |
| Ternopilska                                      | 77                                                | 64  | 13 | 7.2                                               | 12.9        | 2.3        | 57                                                  | 51 | 6  | 5.3                                               | 10.3       | 1.1        |
| Kharkivska                                       | 164                                               | 110 | 54 | 6.0                                               | 8.8         | 3.7        | 109                                                 | 93 | 16 | 4.0                                               | 7.4        | 1.1        |
| Khersonska                                       | 53                                                | 38  | 15 | 5.0                                               | 7.7         | 2.6        | 46                                                  | 36 | 10 | 4.3                                               | 7.3        | 1.8        |
| Khmelnitska                                      | 79                                                | 59  | 20 | 6.1                                               | 9.8         | 2.9        | 58                                                  | 50 | 8  | 4.5                                               | 8.3        | 1.2        |
| Cherkasska                                       | 82                                                | 64  | 18 | 6.6                                               | 11.2        | 2.7        | 49                                                  | 40 | 9  | 3.9                                               | 7.0        | 1.3        |
| Chernivetska                                     | 38                                                | 29  | 9  | 4.2                                               | 6.8         | 1.9        | 20                                                  | 18 | 2  | 2.2                                               | 4.2        | 0.4        |
| Chernigivska                                     | 69                                                | 56  | 13 | 6.6                                               | 11.8        | 2.3        | 45                                                  | 39 | 6  | 4.3                                               | 8.2        | 1.1        |
| Kyiv city                                        | 132                                               | 92  | 40 | 4.6                                               | 7.0         | 2.6        | 88                                                  | 73 | 15 | 3.1                                               | 5.6        | 1.0        |
| Sevastopol city                                  |                                                   |     |    |                                                   |             |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>50.2</b>                                            | <b>25.8</b> | <b>18.8</b> | <b>4.1</b>        | <b>42.9</b>                                                   | <b>25</b>                                        | <b>75.7</b>                            | <b>96.1</b>                            | <b>28.0</b>                                          | <b>24.3</b>                           | <b>33.2</b> | <b>16.5</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 75.8                                                   | 8.1         | 13.1        | 0.0               | 38.3                                                          | 0                                                | 74.7                                   | 88.3                                   | 34.3                                                 | 26.7                                  | 39.6        | 15.6        |
| Volynska                    | 57.9                                                   | 22.8        | 14.0        | 3.5               | 50.0                                                          | 1                                                | 75.4                                   | 98.4                                   | 5.3                                                  | 21.8                                  | 31.0        | 13.6        |
| Dnipropetrovska             | 45.6                                                   | 17.7        | 27.8        | 7.6               | 55.2                                                          | 1                                                | 58.2                                   | 97.8                                   | 10.1                                                 | 16.1                                  | 22.6        | 10.6        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 51.8                                                   | 34.1        | 9.4         | 4.7               | 50.5                                                          | 3                                                | 83.5                                   | 100.0                                  | 38.8                                                 | 24.0                                  | 35.5        | 14.0        |
| Zakarpatska                 | 23.3                                                   | 40.0        | 35.0        | 1.7               | 52.7                                                          | 1                                                | 86.7                                   | 97.1                                   | 13.3                                                 | 20.9                                  | 27.0        | 15.2        |
| Zaporizzka                  | 35.8                                                   | 34.7        | 23.2        | 5.3               | 39.0                                                          | 3                                                | 49.5                                   | 93.6                                   | 27.4                                                 | 24.8                                  | 37.9        | 13.9        |
| Ivano-Frankivska            | 29.0                                                   | 37.1        | 29.0        | 4.8               | 50.7                                                          | 1                                                | 75.8                                   | 96.9                                   | 27.4                                                 | 15.6                                  | 23.2        | 8.8         |
| Kyivska                     | 39.4                                                   | 38.3        | 20.2        | 0.0               | 41.7                                                          | 0                                                | 78.7                                   | 80.2                                   | 9.6                                                  | 29.2                                  | 38.9        | 20.8        |
| Kirovogradksa               | 50.0                                                   | 20.0        | 30.0        | 0.0               | 44.2                                                          | 0                                                | 76.0                                   | 98.2                                   | 14.0                                                 | 20.3                                  | 25.0        | 16.3        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 46.1                                                   | 24.5        | 22.5        | 4.9               | 31.9                                                          | 1                                                | 86.3                                   | 94.5                                   | 27.5                                                 | 22.2                                  | 32.4        | 13.1        |
| Mykolajivska                | 58.0                                                   | 37.7        | 4.3         | 0.0               | 50.7                                                          | 1                                                | 78.3                                   | 94.6                                   | 55.1                                                 | 28.7                                  | 38.7        | 20.2        |
| Odesska                     | 72.6                                                   | 13.3        | 12.6        | 0.7               | 29.4                                                          | 3                                                | 68.9                                   | 100.0                                  | 48.1                                                 | 35.3                                  | 52.7        | 19.9        |
| Poltavska                   | 39.6                                                   | 50.5        | 9.9         | 0.0               | 40.0                                                          | 0                                                | 74.7                                   | 99.0                                   | 33.0                                                 | 34.4                                  | 41.0        | 28.8        |
| Rivnenska                   | 24.6                                                   | 41.0        | 27.9        | 6.6               | 37.0                                                          | 0                                                | 57.4                                   | 97.0                                   | 11.5                                                 | 20.7                                  | 28.3        | 13.8        |
| Soumska                     | 80.0                                                   | 8.8         | 1.3         | 8.8               | 33.3                                                          | 0                                                | 93.8                                   | 96.8                                   | 25.0                                                 | 34.9                                  | 46.6        | 25.0        |
| Ternopilska                 | 45.8                                                   | 34.7        | 16.7        | 1.4               | 37.7                                                          | 1                                                | 84.7                                   | 100.0                                  | 27.8                                                 | 22.4                                  | 33.8        | 12.5        |
| Kharkivska                  | 51.6                                                   | 11.5        | 29.9        | 6.4               | 43.4                                                          | 2                                                | 73.2                                   | 97.0                                   | 36.9                                                 | 25.1                                  | 32.3        | 18.9        |
| Khersonska                  | 36.2                                                   | 48.9        | 14.9        | 0.0               | 61.2                                                          | 1                                                | 78.7                                   | 98.1                                   | 12.8                                                 | 18.2                                  | 22.3        | 14.7        |
| Khmelnitska                 | 69.9                                                   | 21.9        | 4.1         | 1.4               | 44.8                                                          | 0                                                | 82.2                                   | 93.7                                   | 27.4                                                 | 21.9                                  | 28.9        | 15.8        |
| Cherkasska                  | 34.7                                                   | 13.9        | 47.2        | 0.0               | 42.6                                                          | 0                                                | 81.9                                   | 97.6                                   | 15.3                                                 | 27.7                                  | 42.2        | 15.5        |
| Chernivetska                | 33.3                                                   | 36.1        | 5.6         | 25.0              | 37.8                                                          | 0                                                | 88.9                                   | 97.4                                   | 19.4                                                 | 24.7                                  | 30.0        | 20.0        |
| Chernigivska                | 44.4                                                   | 31.7        | 22.2        | 1.6               | 45.1                                                          | 2                                                | 82.5                                   | 98.6                                   | 23.8                                                 | 24.0                                  | 33.9        | 15.7        |
| Kyiv city                   | 61.5                                                   | 19.7        | 6.0         | 12.0              | 42.3                                                          | 4                                                | 83.8                                   | 98.5                                   | 54.7                                                 | 21.5                                  | 24.1        | 19.2        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 2144 | 1900 | 244  |
| Incidence (crude rate)                                                    |                                         |  | 5.9  | 11.3 | 1.3  |
| Incidence (age-standardized, world standard)                              |                                         |  | 3.9  | 8.1  | 0.8  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 5.5  | 11.7 | 1.1  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1576 | 1438 | 138  |
| Mortality (crude rate)                                                    |                                         |  | 4.3  | 8.5  | 0.7  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.8  | 6.1  | 0.4  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 4.1  | 9.0  | 0.6  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 46.4 | 48.2 | 31.5 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.7  | 0.8  | 0.5  |
| Microscopically verified diagnoses, %                                     |                                         |  | 95.9 | 96.2 | 93.9 |
| Diagnoses verified with histology, %                                      |                                         |  | 77.5 | 76.7 | 84.0 |
| Not specified morphology, %                                               |                                         |  | 5.8  | 5.5  | 7.9  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 10.9 | 10.8 | 11.5 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 76.2 | 76.2 | 76.1 |
| - surgical treatment only, %                                              |                                         |  | 2.5  | 2.5  | 3.2  |
| - combined or complex scheme of treatment, %                              |                                         |  | 10.4 | 10.4 | 9.9  |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  |      | 6    | 3    |
|                                                                           | rate per 100 000 of children population |  |      | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  |      | 4    | 3    |
|                                                                           | rate per 100 000 of children population |  |      | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|-------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>5.9</b>                                     | <b>11.3</b> | <b>1.3</b> | <b>3.9</b>                                       | <b>8.1</b> | <b>0.8</b> | <b>5.5</b>                                           | <b>11.7</b> | <b>1.1</b> | <b>4.3</b>                                     | <b>8.5</b> | <b>0.7</b> | <b>2.8</b>                                       | <b>6.1</b> | <b>0.4</b> | <b>4.1</b>                                           | <b>9.0</b> | <b>0.6</b> |  |
| AR Krym                                        |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 7.0                                            | 13.1        | 1.7        | 4.7                                              | 9.3        | 1.3        | 6.5                                                  | 13.1        | 1.7        | 4.7                                            | 9.3        | 0.7        | 2.9                                              | 6.4        | 0.3        | 4.2                                                  | 9.3        | 0.5        |  |
| Volynska                                       | 6.3                                            | 12.5        | 0.7        | 4.7                                              | 10.1       | 0.5        | 6.7                                                  | 14.8        | 0.6        | 4.8                                            | 10.0       | 0.2        | 3.6                                              | 7.9        | 0.1        | 4.9                                                  | 10.7       | 0.1        |  |
| Dnipropetrovsk                                 | 5.7                                            | 10.8        | 1.5        | 3.6                                              | 7.5        | 0.9        | 5.1                                                  | 10.9        | 1.2        | 4.1                                            | 8.1        | 0.7        | 2.5                                              | 5.7        | 0.4        | 3.8                                                  | 8.8        | 0.6        |  |
| Donetska                                       |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 7.5                                            | 15.4        | 0.7        | 5.2                                              | 11.3       | 0.5        | 7.4                                                  | 16.3        | 0.8        | 5.4                                            | 11.1       | 0.4        | 3.7                                              | 8.1        | 0.4        | 5.1                                                  | 11.5       | 0.5        |  |
| Zakarpatska                                    | 8.2                                            | 14.3        | 2.6        | 6.4                                              | 11.8       | 2.0        | 8.6                                                  | 16.1        | 2.7        | 6.6                                            | 12.0       | 1.7        | 5.0                                              | 9.8        | 1.2        | 7.1                                                  | 14.4       | 1.5        |  |
| Zaporizzka                                     | 5.8                                            | 11.6        | 0.9        | 3.5                                              | 7.8        | 0.6        | 5.1                                                  | 11.6        | 0.8        | 5.7                                            | 11.2       | 1.0        | 3.5                                              | 7.8        | 0.5        | 5.1                                                  | 11.5       | 0.8        |  |
| Ivano-Frankivska                               | 3.8                                            | 6.9         | 1.0        | 2.6                                              | 5.3        | 0.7        | 3.7                                                  | 7.5         | 0.9        | 3.3                                            | 6.6        | 0.4        | 2.4                                              | 5.0        | 0.3        | 3.3                                                  | 7.2        | 0.5        |  |
| Kyivska                                        | 5.4                                            | 11.1        | 0.5        | 3.5                                              | 7.7        | 0.4        | 5.0                                                  | 11.3        | 0.5        | 3.7                                            | 7.4        | 0.5        | 2.4                                              | 5.2        | 0.4        | 3.5                                                  | 7.8        | 0.5        |  |
| Kirovogradsk                                   | 8.1                                            | 15.6        | 1.7        | 4.9                                              | 10.2       | 1.1        | 7.0                                                  | 14.9        | 1.5        | 4.9                                            | 8.2        | 2.1        | 2.9                                              | 5.5        | 1.2        | 4.3                                                  | 8.4        | 1.6        |  |
| Louganska                                      |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 5.2                                            | 10.1        | 0.7        | 3.6                                              | 7.6        | 0.4        | 5.0                                                  | 10.8        | 0.6        | 3.7                                            | 7.2        | 0.5        | 2.5                                              | 5.3        | 0.3        | 3.6                                                  | 8.0        | 0.4        |  |
| Mykolajivska                                   | 5.1                                            | 9.3         | 1.4        | 3.0                                              | 6.1        | 1.0        | 4.5                                                  | 9.2         | 1.3        | 2.7                                            | 4.6        | 1.1        | 1.7                                              | 3.1        | 0.6        | 2.4                                                  | 4.5        | 1.0        |  |
| Odesska                                        | 5.8                                            | 10.2        | 2.0        | 4.1                                              | 7.8        | 1.3        | 5.6                                                  | 10.9        | 1.7        | 3.4                                            | 6.3        | 0.7        | 2.2                                              | 4.7        | 0.5        | 3.3                                                  | 7.1        | 0.7        |  |
| Poltavsk                                       | 5.5                                            | 11.0        | 0.9        | 3.4                                              | 7.2        | 0.6        | 4.7                                                  | 10.5        | 0.7        | 5.2                                            | 10.7       | 0.6        | 3.1                                              | 7.2        | 0.2        | 4.6                                                  | 10.7       | 0.4        |  |
| Rivnenska                                      | 6.1                                            | 12.6        | 0.3        | 4.6                                              | 10.4       | 0.2        | 6.6                                                  | 15.0        | 0.3        | 5.6                                            | 11.7       | 0.2        | 4.2                                              | 9.6        | 0.1        | 6.1                                                  | 14.1       | 0.2        |  |
| Soumska                                        | 8.7                                            | 18.0        | 0.8        | 5.0                                              | 11.5       | 0.3        | 7.5                                                  | 17.5        | 0.5        | 5.0                                            | 10.5       | 0.5        | 3.1                                              | 6.8        | 0.6        | 4.5                                                  | 10.8       | 0.4        |  |
| Ternopilska                                    | 4.2                                            | 7.6         | 1.2        | 2.8                                              | 5.4        | 0.6        | 3.9                                                  | 7.7         | 1.0        | 3.8                                            | 7.6        | 0.5        | 2.6                                              | 5.5        | 0.4        | 3.8                                                  | 8.2        | 0.5        |  |
| Kharkivska                                     | 5.2                                            | 9.1         | 1.9        | 3.3                                              | 6.2        | 1.2        | 4.6                                                  | 9.1         | 1.7        | 3.2                                            | 6.0        | 0.8        | 2.0                                              | 4.1        | 0.5        | 2.9                                                  | 5.9        | 0.7        |  |
| Khersonska                                     | 6.8                                            | 12.7        | 1.7        | 4.3                                              | 8.8        | 1.2        | 6.2                                                  | 13.4        | 1.5        | 6.6                                            | 13.3       | 0.9        | 4.4                                              | 9.8        | 0.3        | 6.3                                                  | 14.2       | 0.7        |  |
| Khmelnitska                                    | 7.6                                            | 14.6        | 1.6        | 5.0                                              | 10.3       | 0.8        | 6.9                                                  | 14.2        | 1.2        | 5.5                                            | 10.9       | 0.9        | 3.5                                              | 7.3        | 0.7        | 5.0                                                  | 10.7       | 0.9        |  |
| Cherkasska                                     | 4.9                                            | 9.8         | 0.9        | 2.9                                              | 6.3        | 0.5        | 4.2                                                  | 9.2         | 0.6        | 4.4                                            | 9.4        | 0.2        | 2.6                                              | 6.1        | 0.1        | 3.7                                                  | 8.9        | 0.1        |  |
| Chernivetska                                   | 5.2                                            | 9.4         | 1.5        | 3.7                                              | 7.0        | 1.0        | 5.0                                                  | 9.6         | 1.4        | 4.5                                            | 8.2        | 1.3        | 3.0                                              | 6.1        | 0.6        | 4.6                                                  | 9.2        | 1.1        |  |
| Chernigivska                                   | 7.7                                            | 15.8        | 0.9        | 4.5                                              | 10.3       | 0.5        | 6.6                                                  | 15.4        | 0.7        | 5.6                                            | 11.5       | 0.7        | 3.6                                              | 7.9        | 0.4        | 5.0                                                  | 11.3       | 0.7        |  |
| Kyiv city                                      | 4.5                                            | 8.6         | 1.1        | 2.9                                              | 6.3        | 0.6        | 4.4                                                  | 9.5         | 1.0        | 2.8                                            | 5.4        | 0.5        | 1.7                                              | 3.8        | 0.2        | 2.6                                                  | 5.9        | 0.4        |  |
| Sevastopol city                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |    | Crude incidence rate<br>per 100 000 of population |             |            | Number of deaths from<br>cancer registered in 2015* |     |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|----|---------------------------------------------------|-------------|------------|-----------------------------------------------------|-----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲  | ♀                                                 | ♂           | ▲          | ♀                                                   | ♂   | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |    | <b>5.7</b>                                        | <b>11.0</b> | <b>1.1</b> |                                                     |     |    | <b>4.1</b>                                        | <b>8.3</b> | <b>0.6</b> |
| AR Krym                                          |                                                   |     |    |                                                   |             |            |                                                     |     |    |                                                   |            |            |
| Vinnytska                                        | 102                                               | 96  | 6  | 6.4                                               | 13.0        | 0.7        | 82                                                  | 77  | 5  | 5.1                                               | 10.4       | 0.6        |
| Volynska                                         | 62                                                | 56  | 6  | 6.0                                               | 11.4        | 1.1        | 56                                                  | 53  | 3  | 5.4                                               | 10.8       | 0.6        |
| Dnipropetrovska                                  | 167                                               | 143 | 24 | 5.1                                               | 9.6         | 1.4        | 113                                                 | 102 | 11 | 3.5                                               | 6.8        | 0.6        |
| Donetska                                         |                                                   |     |    |                                                   |             |            |                                                     |     |    |                                                   |            |            |
| Zhytomyrska                                      | 93                                                | 90  | 3  | 7.4                                               | 15.4        | 0.5        | 82                                                  | 78  | 4  | 6.5                                               | 13.4       | 0.6        |
| Zakarpatska                                      | 104                                               | 97  | 7  | 8.3                                               | 16.1        | 1.1        | 56                                                  | 52  | 4  | 4.5                                               | 8.6        | 0.6        |
| Zaporizzka                                       | 124                                               | 107 | 17 | 7.0                                               | 13.3        | 1.8        | 72                                                  | 68  | 4  | 4.1                                               | 8.4        | 0.4        |
| Ivano-Frankivska                                 | 54                                                | 49  | 5  | 3.9                                               | 7.5         | 0.7        | 49                                                  | 45  | 4  | 3.6                                               | 6.9        | 0.6        |
| Kyivska                                          | 86                                                | 79  | 7  | 5.0                                               | 9.9         | 0.8        | 62                                                  | 59  | 3  | 3.6                                               | 7.4        | 0.3        |
| Kirovogradksa                                    | 88                                                | 82  | 6  | 9.0                                               | 18.3        | 1.1        | 59                                                  | 57  | 2  | 6.1                                               | 12.7       | 0.4        |
| Louganska                                        |                                                   |     |    |                                                   |             |            |                                                     |     |    |                                                   |            |            |
| Lvivska                                          | 124                                               | 109 | 15 | 4.9                                               | 9.1         | 1.1        | 95                                                  | 88  | 7  | 3.8                                               | 7.4        | 0.5        |
| Mykolajivska                                     | 67                                                | 54  | 13 | 5.8                                               | 10.0        | 2.1        | 33                                                  | 30  | 3  | 2.8                                               | 5.6        | 0.5        |
| Odesska                                          | 104                                               | 95  | 9  | 4.4                                               | 8.5         | 0.7        | 68                                                  | 62  | 6  | 2.9                                               | 5.5        | 0.5        |
| Poltavska                                        | 106                                               | 91  | 15 | 7.4                                               | 13.7        | 1.9        | 85                                                  | 78  | 7  | 5.9                                               | 11.8       | 0.9        |
| Rivnenska                                        | 72                                                | 68  | 4  | 6.2                                               | 12.4        | 0.7        | 49                                                  | 46  | 3  | 4.2                                               | 8.4        | 0.5        |
| Soumska                                          | 106                                               | 97  | 9  | 9.5                                               | 18.9        | 1.5        | 78                                                  | 75  | 3  | 7.0                                               | 14.6       | 0.5        |
| Ternopilska                                      | 49                                                | 40  | 9  | 4.6                                               | 8.0         | 1.6        | 39                                                  | 36  | 3  | 3.7                                               | 7.2        | 0.5        |
| Kharkivska                                       | 99                                                | 78  | 21 | 3.7                                               | 6.2         | 1.4        | 85                                                  | 74  | 11 | 3.1                                               | 5.9        | 0.8        |
| Khersonska                                       | 62                                                | 55  | 7  | 5.8                                               | 11.1        | 1.2        | 42                                                  | 36  | 6  | 3.9                                               | 7.3        | 1.1        |
| Khmelnitska                                      | 103                                               | 97  | 6  | 7.9                                               | 16.1        | 0.9        | 63                                                  | 62  | 1  | 4.9                                               | 10.3       | 0.1        |
| Cherkasska                                       | 62                                                | 58  | 4  | 5.0                                               | 10.2        | 0.6        | 49                                                  | 44  | 5  | 3.9                                               | 7.7        | 0.7        |
| Chernivetska                                     | 52                                                | 47  | 5  | 5.7                                               | 11.0        | 1.0        | 41                                                  | 37  | 4  | 4.5                                               | 8.7        | 0.8        |
| Chernigivska                                     | 74                                                | 70  | 4  | 7.1                                               | 14.7        | 0.7        | 51                                                  | 51  | 0  | 4.9                                               | 10.7       | 0.0        |
| Kyiv city                                        | 102                                               | 85  | 17 | 3.6                                               | 6.5         | 1.1        | 93                                                  | 83  | 10 | 3.3                                               | 6.3        | 0.7        |
| Sebastopol city                                  |                                                   |     |    |                                                   |             |            |                                                     |     |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |            |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲          |
| <b>Ukraine</b>              | <b>19.1</b>                                            | <b>41.9</b> | <b>32.5</b> | <b>5.4</b>        | <b>46.4</b>                                                   | <b>15</b>                                        | <b>74.3</b>                            | <b>95.8</b>                            | <b>11.7</b>                                          | <b>17.0</b>                           | <b>28.4</b> | <b>7.2</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Vinnytska                   | 45.8                                                   | 34.4        | 19.8        | 0.0               | 42.9                                                          | 0                                                | 72.9                                   | 89.2                                   | 13.5                                                 | 18.7                                  | 34.1        | 5.6        |
| Volynska                    | 11.5                                                   | 52.5        | 32.8        | 3.3               | 46.7                                                          | 1                                                | 75.4                                   | 98.4                                   | 3.3                                                  | 13.8                                  | 23.5        | 5.1        |
| Dnipropetrovska             | 17.5                                                   | 35.0        | 29.4        | 15.0              | 48.3                                                          | 0                                                | 57.5                                   | 94.6                                   | 8.1                                                  | 14.0                                  | 22.9        | 6.5        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Zhytomyrska                 | 17.2                                                   | 51.7        | 27.6        | 3.4               | 57.4                                                          | 1                                                | 77.0                                   | 100.0                                  | 16.1                                                 | 17.6                                  | 31.2        | 5.8        |
| Zakarpatska                 | 5.0                                                    | 53.0        | 42.0        | 0.0               | 41.6                                                          | 1                                                | 88.0                                   | 99.0                                   | 1.0                                                  | 27.9                                  | 44.9        | 12.1       |
| Zaporizzka                  | 8.8                                                    | 39.5        | 42.1        | 8.8               | 47.9                                                          | 1                                                | 54.4                                   | 96.8                                   | 11.4                                                 | 19.4                                  | 33.1        | 7.8        |
| Ivano-Frankivska            | 9.3                                                    | 35.2        | 46.3        | 9.3               | 42.0                                                          | 1                                                | 74.1                                   | 98.1                                   | 14.8                                                 | 12.0                                  | 17.9        | 6.7        |
| Kyivska                     | 20.7                                                   | 35.4        | 42.7        | 0.0               | 47.2                                                          | 1                                                | 65.9                                   | 77.9                                   | 4.9                                                  | 19.3                                  | 34.0        | 6.6        |
| Kirovogradksa               | 13.8                                                   | 26.3        | 60.0        | 0.0               | 52.7                                                          | 0                                                | 82.5                                   | 97.7                                   | 10.0                                                 | 18.4                                  | 29.5        | 8.9        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Lvivska                     | 14.5                                                   | 34.2        | 41.9        | 8.5               | 48.0                                                          | 1                                                | 83.8                                   | 95.2                                   | 4.3                                                  | 15.4                                  | 26.1        | 5.9        |
| Mykolajivska                | 30.6                                                   | 59.7        | 8.1         | 1.6               | 51.8                                                          | 2                                                | 71.0                                   | 98.5                                   | 25.8                                                 | 16.2                                  | 25.8        | 7.8        |
| Odesska                     | 41.8                                                   | 24.5        | 25.5        | 6.1               | 27.8                                                          | 0                                                | 70.4                                   | 99.0                                   | 12.2                                                 | 25.7                                  | 41.8        | 11.4       |
| Poltavska                   | 5.0                                                    | 73.0        | 20.0        | 0.0               | 52.6                                                          | 1                                                | 77.0                                   | 96.2                                   | 19.0                                                 | 15.8                                  | 26.0        | 7.2        |
| Rivnenska                   | 1.4                                                    | 45.7        | 48.6        | 0.0               | 44.9                                                          | 0                                                | 67.1                                   | 98.6                                   | 0.0                                                  | 13.4                                  | 23.3        | 4.4        |
| Soumska                     | 25.3                                                   | 52.5        | 5.1         | 17.2              | 52.2                                                          | 0                                                | 91.9                                   | 97.2                                   | 16.2                                                 | 19.5                                  | 34.5        | 6.9        |
| Ternopilska                 | 12.5                                                   | 62.5        | 18.8        | 6.3               | 52.3                                                          | 1                                                | 81.3                                   | 100.0                                  | 12.5                                                 | 11.3                                  | 17.3        | 6.0        |
| Kharkivska                  | 29.3                                                   | 22.8        | 42.4        | 5.4               | 42.5                                                          | 0                                                | 67.4                                   | 88.9                                   | 25.0                                                 | 14.4                                  | 20.8        | 9.0        |
| Khersonska                  | 16.9                                                   | 44.1        | 39.0        | 0.0               | 52.1                                                          | 1                                                | 76.3                                   | 96.8                                   | 5.1                                                  | 13.9                                  | 24.1        | 5.1        |
| Khmelnitska                 | 32.3                                                   | 45.5        | 20.2        | 0.0               | 37.9                                                          | 0                                                | 81.8                                   | 97.1                                   | 11.1                                                 | 18.5                                  | 33.4        | 5.6        |
| Cherkasska                  | 10.2                                                   | 30.5        | 57.6        | 1.7               | 55.4                                                          | 1                                                | 78.0                                   | 98.4                                   | 6.8                                                  | 17.8                                  | 32.7        | 5.2        |
| Chernivetska                | 26.0                                                   | 46.0        | 18.0        | 6.0               | 48.9                                                          | 0                                                | 70.0                                   | 100.0                                  | 32.0                                                 | 24.7                                  | 35.7        | 15.0       |
| Chernigivska                | 7.6                                                    | 45.5        | 45.5        | 0.0               | 56.4                                                          | 1                                                | 80.3                                   | 97.3                                   | 3.0                                                  | 16.8                                  | 31.8        | 4.4        |
| Kyiv city                   | 23.6                                                   | 32.6        | 24.7        | 15.7              | 41.0                                                          | 1                                                | 78.7                                   | 97.1                                   | 21.3                                                 | 13.2                                  | 21.0        | 6.5        |
| Sebastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 1652 | 1459 | 193  |
| Incidence (crude rate)                                                    |                                         |  | 4.6  | 8.7  | 1.0  |
| Incidence (age-standardized, world standard)                              |                                         |  | 2.8  | 6.1  | 0.5  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 4.2  | 9.4  | 0.8  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1295 | 1168 | 127  |
| Mortality (crude rate)                                                    |                                         |  | 3.6  | 6.9  | 0.7  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.2  | 4.8  | 0.3  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 3.3  | 7.5  | 0.5  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 67.9 | 69.1 | 58.8 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.5  | 1.5  | 2.2  |
| Microscopically verified diagnoses, %                                     |                                         |  | 84.9 | 85.5 | 80.3 |
| Diagnoses verified with histology, %                                      |                                         |  | 74.6 | 75.2 | 69.9 |
| Not specified morphology, %                                               |                                         |  | 6.1  | 5.5  | 11.0 |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 6.9  | 6.9  | 6.7  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 54.2 | 54.9 | 48.9 |
| - surgical treatment only, %                                              |                                         |  | 7.7  | 7.7  | 7.7  |
| - combined or complex scheme of treatment, %                              |                                         |  | 11.8 | 12.2 | 8.2  |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>4.6</b>                                     | <b>8.7</b> | <b>1.0</b> | <b>2.8</b>                                       | <b>6.1</b> | <b>0.5</b> | <b>4.2</b>                                           | <b>9.4</b> | <b>0.8</b> | <b>3.6</b>                                     | <b>6.9</b> | <b>0.7</b> | <b>2.2</b>                                       | <b>4.8</b> | <b>0.3</b> | <b>3.3</b>                                           | <b>7.5</b> | <b>0.5</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 5.0                                            | 10.0       | 0.7        | 3.2                                              | 6.9        | 0.4        | 4.6                                                  | 10.3       | 0.6        | 4.3                                            | 8.8        | 0.6        | 2.6                                              | 5.9        | 0.2        | 4.0                                                  | 9.1        | 0.4        |  |
| Volynska                                       | 4.5                                            | 8.4        | 1.1        | 3.1                                              | 6.2        | 0.7        | 4.5                                                  | 8.8        | 1.1        | 3.1                                            | 5.7        | 0.7        | 2.3                                              | 4.7        | 0.5        | 3.2                                                  | 6.6        | 0.7        |  |
| Dnipropetrovsk                                 | 4.1                                            | 7.1        | 1.5        | 2.4                                              | 4.9        | 0.8        | 3.7                                                  | 7.8        | 1.2        | 3.6                                            | 6.7        | 0.9        | 2.1                                              | 4.7        | 0.4        | 3.2                                                  | 7.0        | 0.6        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 6.1                                            | 12.6       | 0.4        | 4.0                                              | 9.2        | 0.2        | 6.0                                                  | 14.0       | 0.4        | 5.1                                            | 10.8       | 0.2        | 3.3                                              | 7.7        | 0.1        | 4.9                                                  | 11.6       | 0.1        |  |
| Zakarpatska                                    | 5.3                                            | 9.8        | 1.2        | 3.9                                              | 8.2        | 0.6        | 6.0                                                  | 13.0       | 1.1        | 3.3                                            | 6.3        | 0.5        | 2.3                                              | 5.0        | 0.3        | 3.7                                                  | 8.1        | 0.5        |  |
| Zaporizzka                                     | 4.4                                            | 7.8        | 1.6        | 2.4                                              | 5.0        | 0.6        | 3.8                                                  | 8.1        | 1.1        | 2.9                                            | 5.3        | 0.8        | 1.6                                              | 3.4        | 0.4        | 2.5                                                  | 5.3        | 0.7        |  |
| Ivano-Frankivska                               | 2.1                                            | 4.0        | 0.4        | 1.4                                              | 2.9        | 0.2        | 2.1                                                  | 4.5        | 0.4        | 2.0                                            | 3.7        | 0.4        | 1.3                                              | 2.8        | 0.3        | 2.0                                                  | 4.3        | 0.4        |  |
| Kyivska                                        | 5.7                                            | 11.8       | 0.4        | 3.5                                              | 8.1        | 0.2        | 5.3                                                  | 12.5       | 0.3        | 3.6                                            | 7.3        | 0.3        | 2.2                                              | 4.9        | 0.2        | 3.2                                                  | 7.3        | 0.3        |  |
| Kirovogradsk                                   | 5.0                                            | 9.6        | 1.1        | 2.9                                              | 6.2        | 0.6        | 4.4                                                  | 9.4        | 0.9        | 4.4                                            | 8.0        | 1.3        | 2.4                                              | 4.9        | 0.6        | 3.7                                                  | 7.8        | 0.9        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 5.0                                            | 9.6        | 0.8        | 3.3                                              | 7.1        | 0.4        | 5.0                                                  | 10.9       | 0.7        | 3.9                                            | 7.7        | 0.5        | 2.6                                              | 5.8        | 0.2        | 3.9                                                  | 8.6        | 0.4        |  |
| Mykolajivska                                   | 3.5                                            | 5.8        | 1.6        | 1.9                                              | 3.8        | 0.7        | 3.1                                                  | 6.1        | 1.2        | 2.4                                            | 5.0        | 0.2        | 1.4                                              | 3.4        | 0.1        | 2.2                                                  | 5.6        | 0.1        |  |
| Odesska                                        | 4.2                                            | 7.4        | 1.4        | 2.6                                              | 5.5        | 0.6        | 4.0                                                  | 8.4        | 1.1        | 3.1                                            | 5.5        | 0.9        | 1.8                                              | 3.9        | 0.4        | 2.9                                                  | 6.3        | 0.7        |  |
| Poltavsk                                       | 4.5                                            | 9.6        | 0.1        | 2.5                                              | 6.1        | 0.0        | 3.9                                                  | 9.6        | 0.1        | 3.8                                            | 8.1        | 0.1        | 2.1                                              | 5.1        | 0.1        | 3.3                                                  | 8.3        | 0.1        |  |
| Rivnenska                                      | 3.9                                            | 7.7        | 0.5        | 3.0                                              | 6.7        | 0.2        | 4.5                                                  | 10.0       | 0.4        | 3.5                                            | 6.7        | 0.5        | 2.7                                              | 5.9        | 0.3        | 4.0                                                  | 8.6        | 0.5        |  |
| Soumska                                        | 4.4                                            | 8.9        | 0.7        | 2.5                                              | 5.6        | 0.3        | 3.7                                                  | 8.7        | 0.5        | 4.4                                            | 9.3        | 0.3        | 2.4                                              | 5.7        | 0.2        | 3.8                                                  | 9.1        | 0.3        |  |
| Ternopilska                                    | 4.2                                            | 7.2        | 1.6        | 2.8                                              | 5.2        | 0.8        | 4.2                                                  | 7.9        | 1.4        | 3.6                                            | 6.4        | 1.1        | 2.4                                              | 4.7        | 0.6        | 3.6                                                  | 7.0        | 1.0        |  |
| Kharkivska                                     | 4.7                                            | 8.8        | 1.3        | 2.7                                              | 5.8        | 0.5        | 4.2                                                  | 9.0        | 0.9        | 3.8                                            | 7.2        | 1.0        | 2.2                                              | 4.8        | 0.4        | 3.4                                                  | 7.7        | 0.7        |  |
| Khersonska                                     | 3.3                                            | 6.3        | 0.7        | 2.2                                              | 4.7        | 0.4        | 3.1                                                  | 6.8        | 0.5        | 2.8                                            | 5.4        | 0.5        | 1.6                                              | 3.5        | 0.3        | 2.5                                                  | 5.7        | 0.4        |  |
| Khmelnitska                                    | 5.7                                            | 11.4       | 0.7        | 3.4                                              | 7.7        | 0.3        | 5.2                                                  | 12.0       | 0.5        | 5.2                                            | 9.9        | 1.1        | 3.1                                              | 6.8        | 0.5        | 4.8                                                  | 10.5       | 0.8        |  |
| Cherkasska                                     | 6.3                                            | 13.1       | 0.6        | 3.6                                              | 8.3        | 0.2        | 5.4                                                  | 12.6       | 0.4        | 4.8                                            | 9.9        | 0.4        | 2.8                                              | 6.4        | 0.1        | 4.0                                                  | 9.4        | 0.3        |  |
| Chernivetska                                   | 3.1                                            | 4.9        | 1.5        | 1.9                                              | 3.6        | 0.7        | 3.2                                                  | 6.3        | 1.1        | 3.0                                            | 5.4        | 0.8        | 1.9                                              | 4.0        | 0.4        | 3.1                                                  | 6.6        | 0.7        |  |
| Chernigivska                                   | 6.4                                            | 14.0       | 0.2        | 3.6                                              | 8.6        | 0.1        | 5.4                                                  | 13.3       | 0.2        | 4.8                                            | 10.4       | 0.2        | 2.6                                              | 6.2        | 0.0        | 4.0                                                  | 9.9        | 0.1        |  |
| Kyiv city                                      | 3.8                                            | 6.8        | 1.3        | 2.3                                              | 4.7        | 0.7        | 3.7                                                  | 7.7        | 1.2        | 2.4                                            | 4.1        | 0.9        | 1.5                                              | 2.9        | 0.5        | 2.4                                                  | 4.6        | 0.9        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |    | <b>4.2</b>                                        | <b>7.9</b> | <b>1.0</b> |                                                     |    |    | <b>3.5</b>                                        | <b>6.7</b> | <b>0.7</b> |
| AR Krym                                          |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 79                                                | 74  | 5  | 4.9                                               | 10.0       | 0.6        | 69                                                  | 64 | 5  | 4.3                                               | 8.7        | 0.6        |
| Volynska                                         | 42                                                | 40  | 2  | 4.0                                               | 8.2        | 0.4        | 44                                                  | 41 | 3  | 4.2                                               | 8.4        | 0.6        |
| Dnipropetrovska                                  | 118                                               | 90  | 28 | 3.6                                               | 6.0        | 1.6        | 89                                                  | 67 | 22 | 2.7                                               | 4.5        | 1.2        |
| Donetska                                         |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 64                                                | 57  | 7  | 5.1                                               | 9.8        | 1.0        | 55                                                  | 52 | 3  | 4.4                                               | 8.9        | 0.5        |
| Zakarpatska                                      | 53                                                | 49  | 4  | 4.2                                               | 8.1        | 0.6        | 52                                                  | 48 | 4  | 4.1                                               | 8.0        | 0.6        |
| Zaporizzka                                       | 48                                                | 34  | 14 | 2.7                                               | 4.2        | 1.5        | 54                                                  | 44 | 10 | 3.1                                               | 5.5        | 1.0        |
| Ivano-Frankivska                                 | 54                                                | 48  | 6  | 3.9                                               | 7.4        | 0.8        | 38                                                  | 35 | 3  | 2.8                                               | 5.4        | 0.4        |
| Kyivska                                          | 101                                               | 91  | 10 | 5.9                                               | 11.4       | 1.1        | 74                                                  | 70 | 4  | 4.3                                               | 8.8        | 0.4        |
| Kirovogradksa                                    | 41                                                | 35  | 6  | 4.2                                               | 7.8        | 1.1        | 36                                                  | 31 | 5  | 3.7                                               | 6.9        | 1.0        |
| Louganska                                        |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 120                                               | 111 | 9  | 4.8                                               | 9.3        | 0.7        | 101                                                 | 93 | 8  | 4.0                                               | 7.8        | 0.6        |
| Mykolajivska                                     | 38                                                | 30  | 8  | 3.3                                               | 5.6        | 1.3        | 24                                                  | 19 | 5  | 2.1                                               | 3.5        | 0.8        |
| Odesska                                          | 56                                                | 48  | 8  | 2.4                                               | 4.3        | 0.6        | 36                                                  | 32 | 4  | 1.5                                               | 2.9        | 0.3        |
| Poltavska                                        | 69                                                | 61  | 8  | 4.8                                               | 9.2        | 1.0        | 64                                                  | 59 | 5  | 4.4                                               | 8.9        | 0.6        |
| Rivnenska                                        | 54                                                | 51  | 3  | 4.7                                               | 9.3        | 0.5        | 39                                                  | 36 | 3  | 3.4                                               | 6.5        | 0.5        |
| Soumska                                          | 82                                                | 75  | 7  | 7.3                                               | 14.6       | 1.2        | 46                                                  | 42 | 4  | 4.1                                               | 8.2        | 0.7        |
| Ternopilska                                      | 43                                                | 41  | 2  | 4.0                                               | 8.2        | 0.4        | 41                                                  | 41 | 0  | 3.8                                               | 8.2        | 0.0        |
| Kharkivska                                       | 100                                               | 70  | 30 | 3.7                                               | 5.6        | 2.1        | 84                                                  | 64 | 20 | 3.1                                               | 5.1        | 1.4        |
| Khersonska                                       | 55                                                | 47  | 8  | 5.2                                               | 9.5        | 1.4        | 39                                                  | 34 | 5  | 3.7                                               | 6.9        | 0.9        |
| Khmelnitska                                      | 70                                                | 63  | 7  | 5.4                                               | 10.5       | 1.0        | 56                                                  | 56 | 0  | 4.3                                               | 9.3        | 0.0        |
| Cherkasska                                       | 62                                                | 55  | 7  | 5.0                                               | 9.6        | 1.0        | 57                                                  | 53 | 4  | 4.6                                               | 9.3        | 0.6        |
| Chernivetska                                     | 31                                                | 29  | 2  | 3.4                                               | 6.8        | 0.4        | 25                                                  | 24 | 1  | 2.8                                               | 5.6        | 0.2        |
| Chernigivska                                     | 63                                                | 60  | 3  | 6.0                                               | 12.6       | 0.5        | 61                                                  | 56 | 5  | 5.8                                               | 11.8       | 0.9        |
| Kyiv city                                        | 86                                                | 75  | 11 | 3.0                                               | 5.7        | 0.7        | 77                                                  | 67 | 10 | 2.7                                               | 5.1        | 0.7        |
| Sebastopol city                                  |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |            |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲          |
| <b>Ukraine</b>              | <b>47.5</b>                                            | <b>25.4</b> | <b>21.1</b> | <b>5.8</b>        | <b>67.9</b>                                                   | <b>24</b>                                        | <b>50.3</b>                            | <b>83.5</b>                            | <b>9.0</b>                                           | <b>6.8</b>                            | <b>12.1</b> | <b>2.3</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Vinnytska                   | 57.5                                                   | 19.2        | 23.3        | 0.0               | 62.3                                                          | 2                                                | 35.6                                   | 84.8                                   | 2.7                                                  | 6.7                                   | 13.1        | 1.2        |
| Volynska                    | 57.9                                                   | 21.1        | 15.8        | 5.3               | 60.5                                                          | 1                                                | 57.9                                   | 97.6                                   | 2.6                                                  | 6.7                                   | 12.9        | 1.3        |
| Dnipropetrovska             | 49.5                                                   | 22.0        | 15.6        | 12.8              | 67.4                                                          | 1                                                | 35.8                                   | 87.3                                   | 5.5                                                  | 4.8                                   | 8.2         | 2.0        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Zhytomyrska                 | 55.6                                                   | 15.9        | 25.4        | 3.2               | 71.2                                                          | 0                                                | 50.8                                   | 95.3                                   | 14.3                                                 | 7.7                                   | 14.6        | 1.8        |
| Zakarpatska                 | 36.2                                                   | 40.4        | 23.4        | 0.0               | 82.8                                                          | 3                                                | 72.3                                   | 96.2                                   | 0.0                                                  | 5.1                                   | 8.6         | 1.8        |
| Zaporizzka                  | 51.2                                                   | 17.1        | 22.0        | 9.8               | 75.0                                                          | 2                                                | 26.8                                   | 75.0                                   | 7.3                                                  | 5.7                                   | 8.7         | 3.1        |
| Ivano-Frankivska            | 50.0                                                   | 26.9        | 23.1        | 0.0               | 74.1                                                          | 1                                                | 55.8                                   | 90.7                                   | 3.8                                                  | 3.2                                   | 5.7         | 1.0        |
| Kyivska                     | 43.9                                                   | 33.7        | 22.4        | 0.0               | 61.3                                                          | 0                                                | 51.0                                   | 78.2                                   | 3.1                                                  | 10.4                                  | 19.1        | 2.9        |
| Kirovogradksa               | 51.5                                                   | 18.2        | 30.3        | 0.0               | 63.4                                                          | 2                                                | 39.4                                   | 78.0                                   | 0.0                                                  | 3.9                                   | 7.2         | 1.1        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Lvivska                     | 20.9                                                   | 45.2        | 28.7        | 5.2               | 71.1                                                          | 0                                                | 41.7                                   | 76.7                                   | 0.0                                                  | 7.3                                   | 13.6        | 1.7        |
| Mykolajivska                | 62.1                                                   | 20.7        | 13.8        | 3.4               | 60.0                                                          | 0                                                | 44.8                                   | 68.4                                   | 44.8                                                 | 7.1                                   | 11.3        | 3.5        |
| Odesska                     | 55.1                                                   | 36.7        | 8.2         | 0.0               | 45.1                                                          | 1                                                | 53.1                                   | 92.9                                   | 0.0                                                  | 10.4                                  | 17.6        | 4.1        |
| Poltavska                   | 36.4                                                   | 36.4        | 27.3        | 0.0               | 80.3                                                          | 0                                                | 37.9                                   | 85.5                                   | 6.1                                                  | 4.5                                   | 8.0         | 1.5        |
| Rivnenska                   | 60.8                                                   | 13.7        | 11.8        | 13.7              | 65.1                                                          | 0                                                | 41.2                                   | 85.2                                   | 39.2                                                 | 6.6                                   | 12.0        | 1.6        |
| Soumska                     | 72.6                                                   | 5.5         | 13.7        | 8.2               | 68.9                                                          | 0                                                | 68.5                                   | 74.4                                   | 9.6                                                  | 9.1                                   | 17.4        | 2.1        |
| Ternopilska                 | 70.0                                                   | 15.0        | 12.5        | 2.5               | 68.2                                                          | 0                                                | 77.5                                   | 90.7                                   | 12.5                                                 | 6.8                                   | 11.3        | 3.0        |
| Kharkivska                  | 57.9                                                   | 23.2        | 6.3         | 11.6              | 71.5                                                          | 1                                                | 45.3                                   | 76.0                                   | 5.3                                                  | 8.5                                   | 13.4        | 4.4        |
| Khersonska                  | 8.3                                                    | 35.4        | 54.2        | 2.1               | 71.4                                                          | 0                                                | 64.6                                   | 83.6                                   | 2.1                                                  | 5.6                                   | 9.9         | 1.9        |
| Khmelnitska                 | 62.7                                                   | 25.4        | 11.9        | 0.0               | 73.9                                                          | 0                                                | 59.7                                   | 67.1                                   | 3.0                                                  | 7.3                                   | 13.6        | 1.9        |
| Cherkasska                  | 28.6                                                   | 30.4        | 37.5        | 3.6               | 64.9                                                          | 4                                                | 51.8                                   | 91.9                                   | 16.1                                                 | 7.1                                   | 13.3        | 1.9        |
| Chernivetska                | 48.3                                                   | 13.8        | 13.8        | 24.1              | 67.9                                                          | 1                                                | 51.7                                   | 83.9                                   | 0.0                                                  | 9.8                                   | 16.9        | 3.5        |
| Chernigivska                | 45.3                                                   | 17.0        | 34.0        | 3.8               | 71.4                                                          | 1                                                | 66.0                                   | 84.1                                   | 1.9                                                  | 6.4                                   | 13.9        | 0.2        |
| Kyiv city                   | 37.1                                                   | 24.3        | 17.1        | 21.4              | 68.5                                                          | 4                                                | 54.3                                   | 89.5                                   | 45.7                                                 | 5.6                                   | 9.5         | 2.2        |
| Sebastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 8350 | 5104 | 3246 |
| Incidence (crude rate)                                                    |                                         |  | 23.0 | 30.3 | 16.7 |
| Incidence (age-standardized, world standard)                              |                                         |  | 12.8 | 20.4 | 7.9  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 21.3 | 34.4 | 13.2 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 6414 | 4012 | 2402 |
| Mortality (crude rate)                                                    |                                         |  | 17.7 | 23.8 | 12.3 |
| Mortality (age-standardized, world standard)                              |                                         |  | 9.7  | 15.9 | 5.8  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 16.3 | 27.0 | 9.7  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 59.8 | 60.4 | 58.7 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 2.1  | 2.1  | 2.2  |
| Microscopically verified diagnoses, %                                     |                                         |  | 84.0 | 85.2 | 82.0 |
| Diagnoses verified with histology, %                                      |                                         |  | 76.4 | 77.5 | 74.6 |
| Not specified morphology, %                                               |                                         |  | 8.3  | 7.9  | 8.9  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 8.0  | 8.0  | 8.2  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 47.3 | 48.8 | 45.0 |
| - surgical treatment only, %                                              |                                         |  | 20.6 | 20.7 | 20.4 |
| - combined or complex scheme of treatment, %                              |                                         |  | 13.1 | 14.0 | 11.7 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 3    | 1    | 2    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |             | Age-standardized incidence rate (world standard) |             |            | Age-standardized incidence rate (Ukrainian standard) |             |             | Crude mortality rate per 100 000 of population |             |             | Age-standardized mortality rate (world standard) |             |            | Age-standardized mortality rate (Ukrainian standard) |             |            |  |
|------------------------------------------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|-------------|------------|------------------------------------------------------|-------------|-------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|-------------|------------|------------------------------------------------------|-------------|------------|--|
|                                                |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |             |                                                  |             |            |                                                      |             |            |  |
| <b>Ukraine</b>                                 | <b>23.0</b>                                    | <b>30.3</b> | <b>16.7</b> | <b>12.8</b>                                      | <b>20.4</b> | <b>7.9</b> | <b>21.3</b>                                          | <b>34.4</b> | <b>13.2</b> | <b>17.7</b>                                    | <b>23.8</b> | <b>12.3</b> | <b>9.7</b>                                       | <b>15.9</b> | <b>5.8</b> | <b>16.3</b>                                          | <b>27.0</b> | <b>9.7</b> |  |
| AR Krym                                        |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |             |                                                  |             |            |                                                      |             |            |  |
| Vinnytska                                      | 26.1                                           | 37.3        | 16.6        | 14.1                                             | 23.7        | 8.0        | 23.1                                                 | 40.5        | 12.5        | 22.0                                           | 31.3        | 14.0        | 11.8                                             | 19.8        | 6.6        | 19.3                                                 | 33.6        | 10.6       |  |
| Volynska                                       | 14.5                                           | 18.8        | 10.7        | 9.8                                              | 15.6        | 5.8        | 15.9                                                 | 25.4        | 9.6         | 12.4                                           | 17.6        | 7.8         | 8.4                                              | 14.1        | 4.7        | 13.1                                                 | 23.1        | 7.0        |  |
| Dnipropetrovska                                | 24.1                                           | 30.8        | 18.5        | 12.6                                             | 19.9        | 8.3        | 21.3                                                 | 34.3        | 14.0        | 16.7                                           | 22.6        | 11.8        | 8.8                                              | 14.6        | 5.2        | 14.6                                                 | 24.8        | 8.6        |  |
| Donetska                                       |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |             |                                                  |             |            |                                                      |             |            |  |
| Zhytomyrska                                    | 23.5                                           | 33.4        | 14.9        | 13.5                                             | 22.9        | 7.3        | 22.5                                                 | 38.7        | 12.5        | 17.9                                           | 25.8        | 11.1        | 10.1                                             | 17.2        | 5.7        | 16.8                                                 | 29.6        | 9.2        |  |
| Zakarpatska                                    | 17.6                                           | 26.3        | 9.7         | 12.0                                             | 20.5        | 6.0        | 19.8                                                 | 35.4        | 9.6         | 12.8                                           | 20.1        | 6.1         | 8.6                                              | 15.5        | 3.7        | 14.4                                                 | 26.6        | 6.3        |  |
| Zaporizzka                                     | 22.7                                           | 27.9        | 18.2        | 11.8                                             | 18.1        | 7.9        | 19.9                                                 | 30.6        | 13.5        | 19.0                                           | 25.1        | 14.0        | 9.7                                              | 15.9        | 5.8        | 16.6                                                 | 27.5        | 10.2       |  |
| Ivano-Frankivska                               | 17.9                                           | 25.2        | 11.4        | 11.0                                             | 18.6        | 5.9        | 18.8                                                 | 32.6        | 10.1        | 15.5                                           | 21.3        | 10.3        | 9.8                                              | 15.9        | 5.6        | 16.3                                                 | 26.6        | 9.6        |  |
| Kyivska                                        | 25.6                                           | 33.3        | 19.1        | 13.4                                             | 21.8        | 8.0        | 23.1                                                 | 37.7        | 14.2        | 20.0                                           | 26.7        | 14.3        | 10.4                                             | 17.1        | 6.5        | 18.0                                                 | 30.4        | 11.1       |  |
| Kirovogradksa                                  | 24.2                                           | 27.6        | 21.3        | 13.0                                             | 17.9        | 9.7        | 21.1                                                 | 29.0        | 15.8        | 19.7                                           | 23.8        | 16.2        | 10.4                                             | 15.2        | 7.2        | 17.1                                                 | 24.8        | 12.1       |  |
| Louganska                                      |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |             |                                                  |             |            |                                                      |             |            |  |
| Lvivska                                        | 19.9                                           | 27.2        | 13.3        | 11.8                                             | 19.3        | 6.6        | 19.4                                                 | 31.7        | 11.2        | 15.5                                           | 21.0        | 10.6        | 9.3                                              | 15.1        | 5.2        | 15.2                                                 | 25.0        | 8.7        |  |
| Mykolajivska                                   | 19.4                                           | 25.2        | 14.3        | 10.8                                             | 16.9        | 7.1        | 17.6                                                 | 28.2        | 11.3        | 14.6                                           | 20.4        | 9.7         | 8.3                                              | 13.9        | 4.7        | 13.4                                                 | 23.1        | 7.5        |  |
| Odesska                                        | 20.0                                           | 25.6        | 15.1        | 11.6                                             | 17.7        | 7.5        | 19.2                                                 | 29.8        | 12.4        | 14.9                                           | 17.8        | 12.3        | 8.4                                              | 12.2        | 6.0        | 14.0                                                 | 20.6        | 10.0       |  |
| Poltavsk                                       | 24.2                                           | 32.4        | 17.2        | 12.8                                             | 20.5        | 7.8        | 20.8                                                 | 33.8        | 12.8        | 19.9                                           | 25.5        | 15.2        | 10.0                                             | 15.8        | 6.3        | 17.0                                                 | 27.3        | 10.9       |  |
| Rivnenska                                      | 20.3                                           | 29.1        | 12.3        | 13.4                                             | 22.7        | 7.3        | 22.1                                                 | 38.7        | 11.9        | 16.4                                           | 23.7        | 9.9         | 11.1                                             | 18.9        | 5.8        | 18.1                                                 | 31.5        | 9.6        |  |
| Soumska                                        | 39.2                                           | 52.6        | 27.9        | 19.7                                             | 31.6        | 12.1       | 32.9                                                 | 53.5        | 20.6        | 26.8                                           | 40.1        | 15.6        | 13.7                                             | 24.1        | 7.0        | 22.6                                                 | 40.9        | 11.6       |  |
| Ternopilska                                    | 18.2                                           | 24.1        | 13.1        | 11.1                                             | 17.3        | 6.6        | 18.3                                                 | 28.4        | 11.3        | 15.0                                           | 20.7        | 10.0        | 9.0                                              | 14.9        | 5.0        | 14.6                                                 | 24.5        | 8.3        |  |
| Kharkivska                                     | 24.9                                           | 31.4        | 19.3        | 13.4                                             | 20.6        | 8.7        | 22.0                                                 | 34.2        | 14.6        | 20.1                                           | 25.6        | 15.3        | 10.6                                             | 16.8        | 6.7        | 17.6                                                 | 27.9        | 11.3       |  |
| Khersonska                                     | 21.9                                           | 27.6        | 17.1        | 12.4                                             | 18.5        | 8.5        | 20.3                                                 | 31.1        | 14.0        | 17.0                                           | 22.8        | 12.0        | 9.8                                              | 15.5        | 5.9        | 15.5                                                 | 24.6        | 9.6        |  |
| Khmelnitska                                    | 24.0                                           | 32.1        | 17.0        | 12.5                                             | 20.5        | 7.0        | 21.0                                                 | 34.5        | 12.2        | 16.8                                           | 24.8        | 9.9         | 8.9                                              | 15.6        | 4.5        | 14.7                                                 | 26.5        | 7.4        |  |
| Cherkasska                                     | 26.0                                           | 34.3        | 18.9        | 12.3                                             | 19.6        | 7.8        | 21.3                                                 | 34.7        | 13.4        | 19.5                                           | 24.4        | 15.4        | 9.4                                              | 13.5        | 7.1        | 15.9                                                 | 24.2        | 11.4       |  |
| Chernivetska                                   | 18.6                                           | 24.0        | 13.7        | 11.2                                             | 17.3        | 7.1        | 18.6                                                 | 29.1        | 11.8        | 15.9                                           | 23.3        | 9.4         | 9.0                                              | 16.2        | 4.4        | 15.5                                                 | 28.6        | 7.6        |  |
| Chernigivska                                   | 31.3                                           | 42.7        | 21.8        | 15.5                                             | 26.4        | 8.1        | 25.7                                                 | 43.2        | 14.6        | 25.3                                           | 32.1        | 19.7        | 12.3                                             | 19.7        | 7.7        | 20.4                                                 | 32.8        | 13.1       |  |
| Kyiv city                                      | 23.3                                           | 30.2        | 17.5        | 13.9                                             | 20.9        | 9.3        | 23.5                                                 | 35.7        | 15.8        | 15.6                                           | 21.0        | 11.0        | 8.9                                              | 14.1        | 5.5        | 15.9                                                 | 25.4        | 9.9        |  |
| Sevastopol city                                |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |             |                                                  |             |            |                                                      |             |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |             |             | Number of deaths from<br>cancer registered in 2015* |     |     | Crude mortality rate<br>per 100 000 of population |             |             |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|-------------|-------------|-----------------------------------------------------|-----|-----|---------------------------------------------------|-------------|-------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂           | ▲           | ♀                                                   | ♂   | ▲   | ♀                                                 | ♂           | ▲           |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>20.5</b>                                       | <b>26.8</b> | <b>15.0</b> |                                                     |     |     | <b>15.8</b>                                       | <b>21.3</b> | <b>11.1</b> |
| AR Krym                                          |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |
| Vinnytska                                        | 389                                               | 217 | 172 | 24.3                                              | 29.3        | 19.9        | 339                                                 | 211 | 128 | 21.1                                              | 28.5        | 14.8        |
| Volynska                                         | 201                                               | 140 | 61  | 19.3                                              | 28.6        | 11.1        | 155                                                 | 108 | 47  | 14.9                                              | 22.0        | 8.6         |
| Dnipropetrovska                                  | 702                                               | 411 | 291 | 21.5                                              | 27.5        | 16.4        | 544                                                 | 343 | 201 | 16.6                                              | 22.9        | 11.3        |
| Donetska                                         |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |
| Zhytomyrska                                      | 243                                               | 160 | 83  | 19.3                                              | 27.4        | 12.3        | 216                                                 | 148 | 68  | 17.2                                              | 25.4        | 10.1        |
| Zakarpatska                                      | 188                                               | 124 | 64  | 15.0                                              | 20.6        | 9.8         | 145                                                 | 101 | 44  | 11.5                                              | 16.7        | 6.7         |
| Zaporizzka                                       | 303                                               | 179 | 124 | 17.2                                              | 22.2        | 12.9        | 247                                                 | 146 | 101 | 14.0                                              | 18.1        | 10.5        |
| Ivano-Frankivska                                 | 228                                               | 144 | 84  | 16.5                                              | 22.1        | 11.5        | 170                                                 | 108 | 62  | 12.3                                              | 16.6        | 8.5         |
| Kyivska                                          | 401                                               | 237 | 164 | 23.3                                              | 29.7        | 17.7        | 275                                                 | 167 | 108 | 16.0                                              | 21.0        | 11.7        |
| Kirovogradksa                                    | 244                                               | 143 | 101 | 25.1                                              | 32.0        | 19.2        | 190                                                 | 115 | 75  | 19.5                                              | 25.7        | 14.2        |
| Louganska                                        |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |
| Lvivska                                          | 470                                               | 303 | 167 | 18.7                                              | 25.4        | 12.6        | 342                                                 | 224 | 118 | 13.6                                              | 18.8        | 8.9         |
| Mykolajivska                                     | 241                                               | 147 | 94  | 20.7                                              | 27.3        | 15.0        | 164                                                 | 107 | 57  | 14.1                                              | 19.9        | 9.1         |
| Odesska                                          | 352                                               | 209 | 143 | 14.8                                              | 18.7        | 11.3        | 207                                                 | 129 | 78  | 8.7                                               | 11.5        | 6.2         |
| Poltavska                                        | 311                                               | 198 | 113 | 21.6                                              | 29.9        | 14.5        | 276                                                 | 166 | 110 | 19.2                                              | 25.1        | 14.1        |
| Rivnenska                                        | 214                                               | 135 | 79  | 18.5                                              | 24.5        | 13.0        | 176                                                 | 116 | 60  | 15.2                                              | 21.1        | 9.8         |
| Soumska                                          | 354                                               | 206 | 148 | 31.6                                              | 40.2        | 24.3        | 269                                                 | 169 | 100 | 24.0                                              | 33.0        | 16.4        |
| Ternopilska                                      | 170                                               | 112 | 58  | 15.9                                              | 22.5        | 10.2        | 156                                                 | 102 | 54  | 14.6                                              | 20.5        | 9.5         |
| Kharkivska                                       | 559                                               | 304 | 255 | 20.6                                              | 24.2        | 17.5        | 433                                                 | 231 | 202 | 15.9                                              | 18.4        | 13.8        |
| Khersonska                                       | 194                                               | 112 | 82  | 18.2                                              | 22.7        | 14.3        | 169                                                 | 109 | 60  | 15.9                                              | 22.1        | 10.5        |
| Khmelnitska                                      | 297                                               | 180 | 117 | 22.9                                              | 29.9        | 16.8        | 238                                                 | 140 | 98  | 18.3                                              | 23.3        | 14.1        |
| Cherkasska                                       | 316                                               | 200 | 116 | 25.3                                              | 35.0        | 17.1        | 235                                                 | 151 | 84  | 18.8                                              | 26.4        | 12.4        |
| Chernivetska                                     | 151                                               | 89  | 62  | 16.7                                              | 20.9        | 12.9        | 117                                                 | 69  | 48  | 12.9                                              | 16.2        | 10.0        |
| Chernigivska                                     | 323                                               | 196 | 127 | 30.9                                              | 41.3        | 22.2        | 251                                                 | 152 | 99  | 24.0                                              | 32.0        | 17.3        |
| Kyiv city                                        | 580                                               | 372 | 208 | 20.4                                              | 28.3        | 13.6        | 425                                                 | 270 | 155 | 14.9                                              | 20.5        | 10.1        |
| Sevastopol city                                  |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>37.6</b>                                            | <b>22.5</b> | <b>33.9</b> | <b>5.0</b>        | <b>59.8</b>                                                   | <b>169</b>                                       | <b>45.0</b>                            | <b>82.5</b>                            | <b>9.7</b>                                           | <b>74.9</b>                           | <b>89.6</b> | <b>62.2</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 42.6                                                   | 21.9        | 33.8        | 0.0               | 62.0                                                          | 2                                                | 38.8                                   | 70.7                                   | 3.2                                                  | 69.9                                  | 84.9        | 57.1        |
| Volynska                    | 38.5                                                   | 12.6        | 44.5        | 4.4               | 62.1                                                          | 2                                                | 45.6                                   | 94.0                                   | 7.1                                                  | 65.4                                  | 83.2        | 49.5        |
| Dnipropetrovska             | 37.3                                                   | 21.0        | 31.0        | 10.2              | 63.4                                                          | 6                                                | 36.4                                   | 87.0                                   | 5.2                                                  | 56.0                                  | 63.9        | 49.4        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 43.5                                                   | 11.6        | 38.4        | 3.0               | 62.5                                                          | 2                                                | 33.2                                   | 95.1                                   | 17.2                                                 | 71.6                                  | 88.1        | 57.3        |
| Zakarpatska                 | 32.4                                                   | 24.3        | 40.5        | 1.2               | 66.7                                                          | 14                                               | 43.4                                   | 92.6                                   | 0.0                                                  | 48.9                                  | 64.3        | 34.6        |
| Zaporizzka                  | 33.7                                                   | 23.3        | 37.8        | 2.6               | 64.5                                                          | 30                                               | 30.0                                   | 77.6                                   | 7.4                                                  | 60.8                                  | 69.5        | 53.5        |
| Ivano-Frankivska            | 38.9                                                   | 21.3        | 38.0        | 0.9               | 63.3                                                          | 1                                                | 41.7                                   | 91.2                                   | 1.4                                                  | 46.4                                  | 61.7        | 32.7        |
| Kyivska                     | 40.2                                                   | 22.8        | 35.9        | 0.3               | 57.7                                                          | 0                                                | 61.9                                   | 85.3                                   | 4.0                                                  | 115.1                                 | 134.8       | 98.2        |
| Kirovogradksa               | 39.8                                                   | 23.1        | 36.6        | 0.0               | 60.5                                                          | 10                                               | 48.6                                   | 79.5                                   | 6.9                                                  | 58.6                                  | 65.7        | 52.6        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 26.5                                                   | 28.8        | 36.3        | 6.2               | 57.7                                                          | 2                                                | 43.8                                   | 78.3                                   | 0.2                                                  | 73.8                                  | 91.2        | 58.2        |
| Mykolajivska                | 42.0                                                   | 26.6        | 30.9        | 0.0               | 59.6                                                          | 12                                               | 41.5                                   | 73.9                                   | 30.9                                                 | 70.1                                  | 81.2        | 60.6        |
| Odesska                     | 34.6                                                   | 40.3        | 24.8        | 0.3               | 50.9                                                          | 13                                               | 48.7                                   | 95.2                                   | 0.9                                                  | 96.3                                  | 116.9       | 78.0        |
| Poltavska                   | 27.7                                                   | 21.1        | 50.9        | 0.0               | 66.7                                                          | 5                                                | 43.3                                   | 84.9                                   | 5.9                                                  | 65.8                                  | 78.9        | 54.6        |
| Rivnenska                   | 50.2                                                   | 15.6        | 27.8        | 6.3               | 54.2                                                          | 0                                                | 49.3                                   | 75.7                                   | 26.8                                                 | 69.1                                  | 83.4        | 56.1        |
| Soumska                     | 64.1                                                   | 11.4        | 21.3        | 3.2               | 50.7                                                          | 0                                                | 51.0                                   | 77.7                                   | 12.2                                                 | 118.0                                 | 141.4       | 98.3        |
| Ternopilska                 | 41.1                                                   | 15.8        | 41.1        | 1.3               | 63.6                                                          | 2                                                | 49.4                                   | 87.6                                   | 12.7                                                 | 55.3                                  | 67.3        | 44.8        |
| Kharkivska                  | 47.7                                                   | 24.4        | 18.9        | 8.6               | 64.1                                                          | 12                                               | 42.2                                   | 66.4                                   | 4.1                                                  | 81.1                                  | 91.9        | 71.7        |
| Khersonska                  | 25.1                                                   | 10.5        | 62.6        | 1.8               | 60.9                                                          | 2                                                | 39.8                                   | 93.8                                   | 11.1                                                 | 61.5                                  | 70.6        | 53.6        |
| Khmelnitska                 | 42.1                                                   | 38.2        | 18.2        | 0.7               | 57.9                                                          | 2                                                | 54.6                                   | 69.0                                   | 6.1                                                  | 71.9                                  | 89.4        | 56.7        |
| Cherkasska                  | 39.4                                                   | 20.4        | 38.3        | 0.4               | 55.4                                                          | 12                                               | 43.1                                   | 90.2                                   | 16.8                                                 | 88.5                                  | 112.7       | 68.1        |
| Chernivetska                | 19.1                                                   | 19.9        | 36.2        | 22.7              | 61.6                                                          | 6                                                | 54.6                                   | 84.8                                   | 5.0                                                  | 88.8                                  | 102.5       | 76.6        |
| Chernigivska                | 27.3                                                   | 16.0        | 54.0        | 2.0               | 64.7                                                          | 11                                               | 46.7                                   | 78.6                                   | 5.7                                                  | 105.7                                 | 123.6       | 90.9        |
| Kyiv city                   | 25.0                                                   | 25.8        | 25.8        | 21.5              | 53.3                                                          | 23                                               | 52.0                                   | 88.6                                   | 36.6                                                 | 81.1                                  | 96.3        | 68.1        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 8777 | 4195 | 4582 |
| Incidence (crude rate)                                                    |                                         |  | 24.2 | 24.9 | 23.5 |
| Incidence (age-standardized, world standard)                              |                                         |  | 13.1 | 16.4 | 11.2 |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 22.3 | 28.6 | 18.8 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 4818 | 2333 | 2485 |
| Mortality (crude rate)                                                    |                                         |  | 13.3 | 13.8 | 12.8 |
| Mortality (age-standardized, world standard)                              |                                         |  | 6.8  | 9.0  | 5.6  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 12.1 | 16.2 | 9.8  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 34.9 | 34.3 | 35.4 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 2.0  | 1.5  | 2.3  |
| Microscopically verified diagnoses, %                                     |                                         |  | 83.7 | 84.6 | 82.8 |
| Diagnoses verified with histology, %                                      |                                         |  | 80.2 | 81.2 | 79.4 |
| Not specified morphology, %                                               |                                         |  | 5.8  | 5.5  | 6.0  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 8.8  | 8.8  | 8.9  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 68.8 | 69.7 | 67.9 |
| - surgical treatment only, %                                              |                                         |  | 42.4 | 42.3 | 42.4 |
| - combined or complex scheme of treatment, %                              |                                         |  | 21.0 | 21.6 | 20.5 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 5    | 2    | 3    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |             | Age-standardized incidence rate (world standard) |             |             | Age-standardized incidence rate (Ukrainian standard) |             |             | Crude mortality rate per 100 000 of population |             |             | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |             |            |  |
|------------------------------------------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|-------------|-------------|------------------------------------------------------|-------------|-------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|--|
|                                                |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |             |             |                                                  |            |            |                                                      |             |            |  |
| <b>Ukraine</b>                                 | <b>24.2</b>                                    | <b>24.9</b> | <b>23.5</b> | <b>13.1</b>                                      | <b>16.4</b> | <b>11.2</b> | <b>22.3</b>                                          | <b>28.6</b> | <b>18.8</b> | <b>13.3</b>                                    | <b>13.8</b> | <b>12.8</b> | <b>6.8</b>                                       | <b>9.0</b> | <b>5.6</b> | <b>12.1</b>                                          | <b>16.2</b> | <b>9.8</b> |  |
| AR Krym                                        |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |             |             |                                                  |            |            |                                                      |             |            |  |
| Vinnytska                                      | 23.0                                           | 26.5        | 19.9        | 12.3                                             | 16.8        | 9.3         | 20.2                                                 | 27.9        | 15.4        | 13.2                                           | 14.0        | 12.4        | 6.4                                              | 8.5        | 5.1        | 11.2                                                 | 15.1        | 9.0        |  |
| Volynska                                       | 16.4                                           | 16.6        | 16.2        | 11.3                                             | 13.9        | 9.9         | 18.1                                                 | 23.0        | 15.6        | 7.9                                            | 9.6         | 6.4         | 5.1                                              | 7.8        | 3.5        | 8.7                                                  | 13.4        | 5.9        |  |
| Dnipropetrovska                                | 28.1                                           | 28.1        | 28.1        | 14.3                                             | 17.5        | 12.7        | 24.7                                                 | 31.2        | 21.3        | 17.0                                           | 18.2        | 16.0        | 8.0                                              | 11.1       | 6.3        | 14.6                                                 | 20.6        | 11.6       |  |
| Donetska                                       |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |             |             |                                                  |            |            |                                                      |             |            |  |
| Zhytomyrska                                    | 19.4                                           | 22.0        | 17.1        | 10.4                                             | 14.9        | 7.5         | 17.8                                                 | 25.2        | 13.1        | 10.0                                           | 11.8        | 8.4         | 5.1                                              | 8.0        | 3.2        | 9.2                                                  | 14.3        | 6.0        |  |
| Zakarpatska                                    | 13.7                                           | 14.0        | 13.5        | 9.3                                              | 11.2        | 7.9         | 15.3                                                 | 18.5        | 13.0        | 8.5                                            | 8.5         | 8.4         | 5.7                                              | 6.8        | 5.3        | 9.7                                                  | 12.4        | 8.3        |  |
| Zaporizzka                                     | 29.5                                           | 30.4        | 28.7        | 14.6                                             | 18.4        | 12.5        | 25.3                                                 | 32.6        | 21.3        | 19.0                                           | 18.9        | 19.1        | 8.7                                              | 11.1       | 7.4        | 15.9                                                 | 20.9        | 13.3       |  |
| Ivano-Frankivska                               | 17.5                                           | 18.6        | 16.5        | 10.5                                             | 13.2        | 9.0         | 17.6                                                 | 22.9        | 14.6        | 9.6                                            | 10.0        | 9.2         | 5.4                                              | 7.1        | 4.2        | 9.5                                                  | 12.2        | 7.7        |  |
| Kyivska                                        | 23.3                                           | 22.8        | 23.7        | 12.7                                             | 15.2        | 11.0        | 21.3                                                 | 25.7        | 18.5        | 10.9                                           | 12.3        | 9.6         | 5.9                                              | 8.2        | 4.4        | 10.0                                                 | 14.0        | 7.5        |  |
| Kirovogradksa                                  | 22.9                                           | 20.2        | 25.2        | 11.9                                             | 13.1        | 11.0        | 19.6                                                 | 20.8        | 18.6        | 14.3                                           | 16.0        | 12.8        | 7.2                                              | 9.9        | 5.4        | 12.0                                                 | 16.6        | 9.2        |  |
| Louganska                                      |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |             |             |                                                  |            |            |                                                      |             |            |  |
| Lvivska                                        | 22.0                                           | 23.9        | 20.4        | 12.4                                             | 16.2        | 10.1        | 21.8                                                 | 29.2        | 17.6        | 11.8                                           | 12.2        | 11.4        | 6.2                                              | 8.2        | 5.1        | 11.3                                                 | 15.2        | 9.2        |  |
| Mykolajivska                                   | 25.7                                           | 25.2        | 26.1        | 13.9                                             | 16.6        | 12.7        | 23.4                                                 | 29.6        | 20.3        | 12.3                                           | 12.6        | 12.1        | 6.4                                              | 8.6        | 5.0        | 11.2                                                 | 15.1        | 8.9        |  |
| Odesska                                        | 28.2                                           | 25.9        | 30.3        | 16.2                                             | 17.7        | 15.5        | 27.1                                                 | 30.6        | 25.4        | 13.4                                           | 13.0        | 13.8        | 7.1                                              | 8.6        | 6.1        | 12.6                                                 | 15.4        | 11.0       |  |
| Poltavsk                                       | 23.3                                           | 24.3        | 22.5        | 11.8                                             | 14.7        | 10.0        | 19.8                                                 | 24.9        | 16.7        | 15.0                                           | 16.8        | 13.4        | 7.3                                              | 10.1       | 5.7        | 12.7                                                 | 17.9        | 9.6        |  |
| Rivnenska                                      | 20.1                                           | 20.2        | 20.0        | 13.9                                             | 16.9        | 12.3        | 22.7                                                 | 28.6        | 19.5        | 10.5                                           | 11.1        | 10.0        | 7.0                                              | 9.0        | 5.9        | 11.7                                                 | 15.8        | 9.5        |  |
| Soumska                                        | 24.3                                           | 28.1        | 21.2        | 12.4                                             | 17.1        | 9.5         | 20.6                                                 | 28.5        | 15.8        | 13.8                                           | 13.9        | 13.7        | 6.7                                              | 8.5        | 5.7        | 11.6                                                 | 14.9        | 9.7        |  |
| Ternopilska                                    | 16.0                                           | 18.1        | 14.2        | 9.2                                              | 12.3        | 7.6         | 15.6                                                 | 22.3        | 12.1        | 10.4                                           | 10.0        | 10.7        | 5.3                                              | 6.4        | 4.8        | 9.4                                                  | 11.9        | 8.2        |  |
| Kharkivska                                     | 29.4                                           | 29.4        | 29.5        | 14.8                                             | 18.5        | 12.8        | 25.9                                                 | 33.6        | 21.9        | 16.7                                           | 17.2        | 16.3        | 8.2                                              | 10.9       | 6.8        | 14.5                                                 | 19.6        | 12.0       |  |
| Khersonska                                     | 24.7                                           | 25.8        | 23.7        | 12.8                                             | 16.6        | 10.5        | 22.5                                                 | 30.1        | 18.4        | 10.1                                           | 10.7        | 9.6         | 5.2                                              | 7.1        | 4.1        | 9.1                                                  | 12.7        | 7.2        |  |
| Khmelnitska                                    | 20.8                                           | 22.4        | 19.4        | 11.4                                             | 14.4        | 9.4         | 18.7                                                 | 24.4        | 15.1        | 11.2                                           | 11.9        | 10.6        | 5.6                                              | 7.2        | 4.8        | 9.8                                                  | 13.2        | 8.0        |  |
| Cherkasska                                     | 26.9                                           | 30.5        | 23.9        | 13.1                                             | 17.5        | 10.6        | 22.2                                                 | 30.5        | 17.8        | 16.3                                           | 16.0        | 16.6        | 7.7                                              | 8.8        | 7.4        | 13.4                                                 | 16.0        | 12.6       |  |
| Chernivetska                                   | 19.4                                           | 19.8        | 19.2        | 11.9                                             | 14.5        | 10.5        | 20.1                                                 | 24.8        | 17.5        | 11.5                                           | 12.5        | 10.6        | 6.8                                              | 8.8        | 5.6        | 11.4                                                 | 15.1        | 9.4        |  |
| Chernigivska                                   | 22.2                                           | 23.3        | 21.3        | 11.2                                             | 13.5        | 9.9         | 18.1                                                 | 23.1        | 15.5        | 11.2                                           | 10.4        | 11.9        | 4.9                                              | 5.9        | 4.5        | 8.8                                                  | 10.8        | 7.9        |  |
| Kyiv city                                      | 31.0                                           | 32.2        | 30.0        | 17.4                                             | 21.6        | 14.9        | 31.1                                                 | 39.4        | 26.3        | 15.3                                           | 16.0        | 14.7        | 8.5                                              | 10.7       | 7.2        | 15.4                                                 | 19.8        | 13.0       |  |
| Sevastopol city                                |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |             |             |                                                  |            |            |                                                      |             |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |             |             | Number of deaths from<br>cancer registered in 2015* |     |     | Crude mortality rate<br>per 100 000 of population |             |             |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|-------------|-------------|-----------------------------------------------------|-----|-----|---------------------------------------------------|-------------|-------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂           | ▲           | ♀                                                   | ♂   | ▲   | ♀                                                 | ♂           | ▲           |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>22.3</b>                                       | <b>22.5</b> | <b>22.0</b> |                                                     |     |     | <b>12.6</b>                                       | <b>13.5</b> | <b>11.8</b> |
| AR Krym                                          |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |
| Vinnytska                                        | 329                                               | 174 | 155 | 20.5                                              | 23.5        | 17.9        | 191                                                 | 110 | 81  | 11.9                                              | 14.9        | 9.4         |
| Volynska                                         | 169                                               | 85  | 84  | 16.3                                              | 17.3        | 15.3        | 86                                                  | 41  | 45  | 8.3                                               | 8.4         | 8.2         |
| Dnipropetrovska                                  | 892                                               | 378 | 514 | 27.3                                              | 25.3        | 28.9        | 530                                                 | 236 | 294 | 16.2                                              | 15.8        | 16.5        |
| Donetska                                         |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |
| Zhytomyrska                                      | 219                                               | 110 | 109 | 17.4                                              | 18.9        | 16.2        | 150                                                 | 82  | 68  | 11.9                                              | 14.1        | 10.1        |
| Zakarpatska                                      | 162                                               | 74  | 88  | 12.9                                              | 12.3        | 13.5        | 75                                                  | 37  | 38  | 6.0                                               | 6.1         | 5.8         |
| Zaporizzka                                       | 435                                               | 211 | 224 | 24.6                                              | 26.2        | 23.4        | 284                                                 | 143 | 141 | 16.1                                              | 17.8        | 14.7        |
| Ivano-Frankivska                                 | 243                                               | 130 | 113 | 17.6                                              | 19.9        | 15.5        | 140                                                 | 75  | 65  | 10.2                                              | 11.5        | 8.9         |
| Kyivska                                          | 356                                               | 185 | 171 | 20.7                                              | 23.2        | 18.5        | 209                                                 | 96  | 113 | 12.1                                              | 12.1        | 12.2        |
| Kirovogradskra                                   | 268                                               | 137 | 131 | 27.5                                              | 30.6        | 24.9        | 126                                                 | 60  | 66  | 12.9                                              | 13.4        | 12.5        |
| Louganska                                        |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |
| Lvivska                                          | 540                                               | 264 | 276 | 21.4                                              | 22.1        | 20.8        | 279                                                 | 158 | 121 | 11.1                                              | 13.2        | 9.1         |
| Mykolajivska                                     | 283                                               | 128 | 155 | 24.3                                              | 23.8        | 24.8        | 139                                                 | 68  | 71  | 12.0                                              | 12.6        | 11.4        |
| Odesska                                          | 538                                               | 262 | 276 | 22.6                                              | 23.4        | 21.8        | 203                                                 | 106 | 97  | 8.5                                               | 9.5         | 7.7         |
| Poltavska                                        | 346                                               | 162 | 184 | 24.0                                              | 24.4        | 23.6        | 197                                                 | 100 | 97  | 13.7                                              | 15.1        | 12.5        |
| Rivnenska                                        | 185                                               | 95  | 90  | 16.0                                              | 17.3        | 14.8        | 111                                                 | 58  | 53  | 9.6                                               | 10.5        | 8.7         |
| Soumska                                          | 261                                               | 108 | 153 | 23.3                                              | 21.1        | 25.2        | 166                                                 | 87  | 79  | 14.8                                              | 17.0        | 13.0        |
| Ternopilska                                      | 168                                               | 86  | 82  | 15.8                                              | 17.3        | 14.4        | 110                                                 | 60  | 50  | 10.3                                              | 12.1        | 8.8         |
| Kharkivska                                       | 666                                               | 276 | 390 | 24.5                                              | 22.0        | 26.7        | 435                                                 | 188 | 247 | 16.0                                              | 15.0        | 16.9        |
| Khersonska                                       | 236                                               | 120 | 116 | 22.1                                              | 24.3        | 20.3        | 130                                                 | 78  | 52  | 12.2                                              | 15.8        | 9.1         |
| Khmelnitska                                      | 256                                               | 125 | 131 | 19.7                                              | 20.8        | 18.8        | 145                                                 | 68  | 77  | 11.2                                              | 11.3        | 11.1        |
| Cherkasska                                       | 318                                               | 150 | 168 | 25.5                                              | 26.3        | 24.8        | 148                                                 | 80  | 68  | 11.9                                              | 14.0        | 10.0        |
| Chernivetska                                     | 123                                               | 50  | 73  | 13.6                                              | 11.7        | 15.2        | 92                                                  | 42  | 50  | 10.1                                              | 9.9         | 10.4        |
| Chernigivska                                     | 251                                               | 109 | 142 | 24.0                                              | 22.9        | 24.8        | 149                                                 | 70  | 79  | 14.2                                              | 14.7        | 13.8        |
| Kyiv city                                        | 825                                               | 374 | 451 | 29.0                                              | 28.4        | 29.4        | 457                                                 | 226 | 231 | 16.1                                              | 17.2        | 15.1        |
| Sevastopol city                                  |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |             |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |              |              |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|--------------|--------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂            | ▲            |
| <b>Ukraine</b>              | <b>52.3</b>                                            | <b>22.3</b> | <b>20.4</b> | <b>4.1</b>        | <b>34.9</b>                                                   | <b>159</b>                                       | <b>68.6</b>                            | <b>82.2</b>                            | <b>10.5</b>                                          | <b>127.1</b>                          | <b>119.5</b> | <b>133.7</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Vinnytska                   | 62.0                                                   | 21.3        | 16.0        | 0.0               | 35.0                                                          | 3                                                | 60.7                                   | 71.4                                   | 2.0                                                  | 110.8                                 | 108.8        | 112.5        |
| Volynska                    | 53.8                                                   | 14.7        | 29.5        | 1.9               | 32.7                                                          | 1                                                | 64.7                                   | 84.0                                   | 3.2                                                  | 90.8                                  | 81.8         | 98.8         |
| Dnipropetrovska             | 52.6                                                   | 19.5        | 20.2        | 6.9               | 42.3                                                          | 5                                                | 60.7                                   | 85.1                                   | 4.2                                                  | 131.6                                 | 117.7        | 143.2        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Zhytomyrska                 | 53.6                                                   | 13.8        | 30.6        | 1.5               | 31.3                                                          | 2                                                | 66.8                                   | 91.3                                   | 12.8                                                 | 96.6                                  | 93.6         | 99.2         |
| Zakarpatska                 | 41.1                                                   | 30.8        | 26.7        | 0.7               | 36.0                                                          | 4                                                | 74.0                                   | 87.7                                   | 0.0                                                  | 81.3                                  | 81.1         | 81.6         |
| Zaporizzka                  | 51.1                                                   | 20.5        | 24.2        | 3.2               | 40.9                                                          | 37                                               | 61.4                                   | 77.9                                   | 5.6                                                  | 148.0                                 | 139.9        | 154.9        |
| Ivano-Frankivska            | 48.9                                                   | 22.5        | 27.3        | 0.4               | 33.9                                                          | 1                                                | 76.7                                   | 88.9                                   | 3.1                                                  | 88.0                                  | 85.4         | 90.3         |
| Kyivska                     | 58.2                                                   | 18.9        | 21.6        | 0.6               | 28.2                                                          | 0                                                | 72.6                                   | 80.6                                   | 7.3                                                  | 138.6                                 | 136.1        | 140.7        |
| Kirovogradskra              | 60.2                                                   | 15.3        | 24.2        | 0.0               | 37.7                                                          | 8                                                | 68.2                                   | 64.6                                   | 4.7                                                  | 125.8                                 | 112.8        | 136.7        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Lvivska                     | 47.8                                                   | 24.4        | 18.1        | 7.7               | 31.7                                                          | 0                                                | 69.0                                   | 83.3                                   | 0.0                                                  | 127.7                                 | 126.1        | 129.2        |
| Mykolajivska                | 63.5                                                   | 17.1        | 18.3        | 0.4               | 31.6                                                          | 7                                                | 68.7                                   | 77.0                                   | 23.8                                                 | 141.5                                 | 124.9        | 155.7        |
| Odesska                     | 52.4                                                   | 31.9        | 15.2        | 0.2               | 22.1                                                          | 18                                               | 77.0                                   | 95.4                                   | 1.2                                                  | 173.4                                 | 164.7        | 181.1        |
| Poltavska                   | 54.7                                                   | 16.6        | 28.8        | 0.0               | 40.3                                                          | 5                                                | 71.9                                   | 78.3                                   | 4.7                                                  | 130.4                                 | 120.4        | 138.9        |
| Rivnenska                   | 58.2                                                   | 20.0        | 17.1        | 4.7               | 29.7                                                          | 0                                                | 79.4                                   | 83.8                                   | 35.9                                                 | 87.7                                  | 85.2         | 89.9         |
| Soumska                     | 70.1                                                   | 10.2        | 13.1        | 6.1               | 37.2                                                          | 1                                                | 69.3                                   | 72.8                                   | 5.7                                                  | 122.5                                 | 115.4        | 128.5        |
| Ternopilska                 | 47.9                                                   | 19.9        | 28.1        | 1.4               | 38.5                                                          | 3                                                | 73.3                                   | 76.8                                   | 11.0                                                 | 91.0                                  | 99.9         | 83.3         |
| Kharkivska                  | 52.7                                                   | 27.6        | 12.6        | 6.2               | 41.8                                                          | 9                                                | 59.6                                   | 65.8                                   | 3.6                                                  | 144.5                                 | 127.2        | 159.4        |
| Khersonska                  | 49.5                                                   | 19.8        | 28.3        | 1.4               | 37.6                                                          | 6                                                | 69.8                                   | 90.3                                   | 5.7                                                  | 132.9                                 | 124.7        | 140.0        |
| Khmelnitska                 | 52.1                                                   | 31.4        | 16.1        | 0.0               | 31.0                                                          | 0                                                | 67.8                                   | 77.0                                   | 5.1                                                  | 100.1                                 | 97.2         | 102.5        |
| Cherkasska                  | 51.1                                                   | 23.7        | 23.7        | 1.1               | 32.0                                                          | 13                                               | 73.7                                   | 89.9                                   | 12.4                                                 | 142.7                                 | 138.1        | 146.5        |
| Chernivetska                | 30.3                                                   | 28.4        | 23.9        | 15.6              | 38.8                                                          | 12                                               | 62.4                                   | 65.0                                   | 3.7                                                  | 103.0                                 | 95.0         | 110.1        |
| Chernigivska                | 43.7                                                   | 24.3        | 30.6        | 1.4               | 28.4                                                          | 3                                                | 74.8                                   | 88.4                                   | 9.0                                                  | 127.0                                 | 122.7        | 130.6        |
| Kyiv city                   | 44.3                                                   | 26.0        | 15.5        | 13.3              | 34.1                                                          | 21                                               | 74.0                                   | 93.9                                   | 50.4                                                 | 156.6                                 | 143.6        | 167.7        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| Table 1 - General rates, 2014                                             |                                         |  | ♀    | ♂    | ●    |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 7496 | 3968 | 3528 |
| Incidence (crude rate)                                                    |                                         |  | 20.6 | 23.5 | 18.1 |
| Incidence (age-standardized, world standard)                              |                                         |  | 11.5 | 15.8 | 8.9  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 19.2 | 27.0 | 14.6 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 4516 | 2498 | 2018 |
| Mortality (crude rate)                                                    |                                         |  | 12.4 | 14.8 | 10.4 |
| Mortality (age-standardized, world standard)                              |                                         |  | 6.5  | 9.7  | 4.6  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 11.4 | 17.3 | 8.0  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 29.1 | 29.2 | 28.9 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.1  | 0.7  | 1.5  |
| Microscopically verified diagnoses, %                                     |                                         |  | 91.6 | 91.9 | 91.2 |
| Diagnoses verified with histology, %                                      |                                         |  | 89.4 | 85.4 | 93.8 |
| Not specified morphology, %                                               |                                         |  | 4.6  | 4.6  | 4.5  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 18.4 | 18.5 | 18.3 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 73.8 | 74.5 | 73.1 |
| - surgical treatment only, %                                              |                                         |  | 22.1 | 21.3 | 23.0 |
| - combined or complex scheme of treatment, %                              |                                         |  | 32.8 | 33.3 | 32.3 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 1    | 0    | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| Table 2 -<br>Incidence and<br>mortality,<br>2014 | Crude incidence<br>rate<br>per 100 000 of<br>population |             |             | Age-standardized<br>incidence rate<br>(world standard) |             |            | Age-standardized<br>incidence rate<br>(Ukrainian<br>standard) |             |             | Crude mortality<br>rate<br>per 100 000 of<br>population |             |             | Age-standardized<br>mortality rate<br>(world standard) |            |            | Age-standardized<br>mortality rate<br>(Ukrainian<br>standard) |             |            |
|--------------------------------------------------|---------------------------------------------------------|-------------|-------------|--------------------------------------------------------|-------------|------------|---------------------------------------------------------------|-------------|-------------|---------------------------------------------------------|-------------|-------------|--------------------------------------------------------|------------|------------|---------------------------------------------------------------|-------------|------------|
|                                                  | ♀                                                       | ♂           | ●           | ♀                                                      | ♂           | ●          | ♀                                                             | ♂           | ●           | ♀                                                       | ♂           | ●           | ♀                                                      | ♂          | ●          | ♀                                                             | ♂           | ●          |
| <b>Ukraine</b>                                   | <b>20.6</b>                                             | <b>23.5</b> | <b>18.1</b> | <b>11.5</b>                                            | <b>15.8</b> | <b>8.9</b> | <b>19.2</b>                                                   | <b>27.0</b> | <b>14.6</b> | <b>12.4</b>                                             | <b>14.8</b> | <b>10.4</b> | <b>6.5</b>                                             | <b>9.7</b> | <b>4.6</b> | <b>11.4</b>                                                   | <b>17.3</b> | <b>8.0</b> |
| AR Krym                                          |                                                         |             |             |                                                        |             |            |                                                               |             |             |                                                         |             |             |                                                        |            |            |                                                               |             |            |
| Vinnytska                                        | 23.2                                                    | 27.5        | 19.6        | 12.6                                                   | 17.9        | 9.3        | 20.7                                                          | 30.2        | 15.1        | 13.5                                                    | 17.9        | 9.8         | 6.8                                                    | 11.1       | 3.9        | 11.6                                                          | 19.4        | 6.9        |
| Volynska                                         | 15.9                                                    | 17.6        | 14.4        | 10.2                                                   | 13.9        | 8.0        | 17.1                                                          | 24.4        | 13.1        | 8.8                                                     | 9.6         | 8.0         | 5.4                                                    | 7.2        | 4.3        | 9.7                                                           | 13.5        | 7.8        |
| Dnipropetrovska                                  | 23.3                                                    | 25.6        | 21.4        | 12.5                                                   | 16.7        | 10.0       | 20.9                                                          | 28.5        | 16.6        | 15.6                                                    | 17.9        | 13.7        | 7.8                                                    | 11.1       | 5.9        | 13.7                                                          | 20.1        | 10.3       |
| Donetska                                         |                                                         |             |             |                                                        |             |            |                                                               |             |             |                                                         |             |             |                                                        |            |            |                                                               |             |            |
| Zhytomyrska                                      | 19.4                                                    | 20.5        | 18.5        | 11.5                                                   | 14.6        | 9.6        | 18.3                                                          | 23.4        | 15.2        | 10.8                                                    | 13.1        | 8.7         | 5.6                                                    | 8.4        | 4.1        | 9.6                                                           | 15.0        | 6.7        |
| Zakarpatska                                      | 12.9                                                    | 14.8        | 11.2        | 9.1                                                    | 12.4        | 7.0        | 15.0                                                          | 20.7        | 11.3        | 9.5                                                     | 13.3        | 6.0         | 6.5                                                    | 11.2       | 3.7        | 11.3                                                          | 20.6        | 6.0        |
| Zaporizzka                                       | 24.9                                                    | 27.5        | 22.7        | 13.0                                                   | 17.5        | 10.4       | 21.5                                                          | 29.8        | 16.9        | 16.1                                                    | 17.5        | 14.8        | 7.5                                                    | 10.3       | 5.9        | 13.5                                                          | 18.7        | 10.7       |
| Ivano-Frankivska                                 | 14.4                                                    | 17.3        | 11.7        | 8.7                                                    | 12.8        | 6.0        | 14.7                                                          | 22.4        | 10.1        | 9.0                                                     | 9.5         | 8.5         | 4.8                                                    | 6.6        | 3.7        | 8.8                                                           | 12.3        | 6.7        |
| Kyivska                                          | 21.1                                                    | 26.7        | 16.3        | 11.5                                                   | 17.7        | 7.9        | 19.2                                                          | 30.7        | 12.8        | 11.9                                                    | 15.8        | 8.6         | 6.1                                                    | 10.5       | 3.7        | 10.8                                                          | 19.0        | 6.3        |
| Kirovogradksa                                    | 26.0                                                    | 31.3        | 21.5        | 13.7                                                   | 20.0        | 9.6        | 22.5                                                          | 33.2        | 16.0        | 12.8                                                    | 17.3        | 9.0         | 6.5                                                    | 10.7       | 4.2        | 10.7                                                          | 18.7        | 6.5        |
| Louganska                                        |                                                         |             |             |                                                        |             |            |                                                               |             |             |                                                         |             |             |                                                        |            |            |                                                               |             |            |
| Lvivska                                          | 17.3                                                    | 19.9        | 15.1        | 10.1                                                   | 14.0        | 7.4        | 17.1                                                          | 24.3        | 12.4        | 10.8                                                    | 11.8        | 9.9         | 6.1                                                    | 8.3        | 4.7        | 10.7                                                          | 15.0        | 8.1        |
| Mykolajivska                                     | 19.2                                                    | 22.2        | 16.6        | 10.5                                                   | 14.6        | 8.1        | 17.7                                                          | 25.8        | 13.1        | 8.4                                                     | 10.4        | 6.7         | 4.5                                                    | 7.1        | 3.1        | 7.8                                                           | 12.8        | 5.3        |
| Odesska                                          | 20.7                                                    | 24.5        | 17.4        | 12.3                                                   | 17.2        | 8.9        | 19.7                                                          | 27.9        | 14.4        | 9.8                                                     | 11.7        | 8.1         | 5.5                                                    | 8.1        | 3.8        | 9.3                                                           | 13.6        | 6.7        |
| Poltavsk                                         | 23.3                                                    | 26.9        | 20.3        | 12.0                                                   | 16.5        | 9.6        | 19.9                                                          | 28.3        | 15.4        | 15.8                                                    | 18.9        | 13.1        | 7.4                                                    | 11.2       | 5.3        | 13.0                                                          | 19.9        | 9.3        |
| Rivnenska                                        | 17.7                                                    | 20.6        | 15.1        | 11.8                                                   | 16.1        | 9.4        | 19.5                                                          | 28.1        | 15.0        | 11.8                                                    | 12.4        | 11.2        | 7.5                                                    | 9.8        | 6.2        | 12.9                                                          | 17.6        | 10.3       |
| Soumska                                          | 24.4                                                    | 30.8        | 19.1        | 12.2                                                   | 18.4        | 8.3        | 20.8                                                          | 32.3        | 14.2        | 17.0                                                    | 22.3        | 12.5        | 7.8                                                    | 12.6       | 5.1        | 14.0                                                          | 23.6        | 8.9        |
| Ternopilska                                      | 18.8                                                    | 22.1        | 15.9        | 11.0                                                   | 15.2        | 8.3        | 18.3                                                          | 26.2        | 13.5        | 11.3                                                    | 14.4        | 8.6         | 6.8                                                    | 10.4       | 4.4        | 11.3                                                          | 17.5        | 7.3        |
| Kharkivska                                       | 20.9                                                    | 23.1        | 19.0        | 11.1                                                   | 14.7        | 9.0        | 18.5                                                          | 25.4        | 14.6        | 13.3                                                    | 16.2        | 10.9        | 6.7                                                    | 10.3       | 4.7        | 11.7                                                          | 18.1        | 8.1        |
| Khersonska                                       | 18.1                                                    | 19.5        | 16.9        | 10.2                                                   | 12.9        | 8.9        | 16.8                                                          | 22.9        | 13.7        | 13.2                                                    | 15.5        | 11.1        | 7.0                                                    | 10.0       | 5.3        | 12.1                                                          | 18.2        | 8.9        |
| Khmelnitska                                      | 22.6                                                    | 26.7        | 19.0        | 11.9                                                   | 16.7        | 9.1        | 19.5                                                          | 28.7        | 14.4        | 11.8                                                    | 14.6        | 9.4         | 5.6                                                    | 8.8        | 3.7        | 10.0                                                          | 16.0        | 6.5        |
| Cherkasska                                       | 20.9                                                    | 25.6        | 16.9        | 10.5                                                   | 15.0        | 7.6        | 17.4                                                          | 25.6        | 12.4        | 14.9                                                    | 19.2        | 11.3        | 6.9                                                    | 10.8       | 4.5        | 12.1                                                          | 19.5        | 7.9        |
| Chernivetska                                     | 16.2                                                    | 16.5        | 16.0        | 9.7                                                    | 11.9        | 8.3        | 16.7                                                          | 21.0        | 14.1        | 12.0                                                    | 13.2        | 11.0        | 7.0                                                    | 9.8        | 5.1        | 12.4                                                          | 16.9        | 9.3        |
| Chernigivska                                     | 22.6                                                    | 26.0        | 19.7        | 11.4                                                   | 15.3        | 9.2        | 18.8                                                          | 26.4        | 14.9        | 12.5                                                    | 14.4        | 10.9        | 5.8                                                    | 8.5        | 4.3        | 10.1                                                          | 14.8        | 7.5        |
| Kyiv city                                        | 22.8                                                    | 23.9        | 21.9        | 13.4                                                   | 16.4        | 11.5       | 22.6                                                          | 28.4        | 19.2        | 11.7                                                    | 13.2        | 10.5        | 6.5                                                    | 8.8        | 5.0        | 11.6                                                          | 15.8        | 8.9        |
| Sevastopol city                                  |                                                         |             |             |                                                        |             |            |                                                               |             |             |                                                         |             |             |                                                        |            |            |                                                               |             |            |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |             |             | Number of deaths from<br>cancer registered in 2015* |     |     | Crude mortality rate<br>per 100 000 of population |             |            |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|-------------|-------------|-----------------------------------------------------|-----|-----|---------------------------------------------------|-------------|------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂           | ▲           | ♀                                                   | ♂   | ▲   | ♀                                                 | ♂           | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>19.0</b>                                       | <b>21.4</b> | <b>16.9</b> |                                                     |     |     | <b>11.1</b>                                       | <b>12.8</b> | <b>9.7</b> |
| AR Krym                                          |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |
| Vinnytska                                        | 335                                               | 182 | 153 | 20.9                                              | 24.6        | 17.7        | 204                                                 | 113 | 91  | 12.7                                              | 15.3        | 10.5       |
| Volynska                                         | 156                                               | 91  | 65  | 15.0                                              | 18.6        | 11.8        | 95                                                  | 59  | 36  | 9.1                                               | 12.0        | 6.6        |
| Dnipropetrovska                                  | 770                                               | 383 | 387 | 23.5                                              | 25.6        | 21.8        | 436                                                 | 221 | 215 | 13.3                                              | 14.8        | 12.1       |
| Donetska                                         |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |
| Zhytomyrska                                      | 223                                               | 111 | 112 | 17.7                                              | 19.0        | 16.6        | 138                                                 | 73  | 65  | 11.0                                              | 12.5        | 9.7        |
| Zakarpatska                                      | 176                                               | 105 | 71  | 14.0                                              | 17.4        | 10.9        | 104                                                 | 62  | 42  | 8.3                                               | 10.3        | 6.4        |
| Zaporizzka                                       | 325                                               | 165 | 160 | 18.4                                              | 20.5        | 16.7        | 230                                                 | 111 | 119 | 13.0                                              | 13.8        | 12.4       |
| Ivano-Frankivska                                 | 194                                               | 119 | 75  | 14.1                                              | 18.3        | 10.3        | 133                                                 | 77  | 56  | 9.6                                               | 11.8        | 7.7        |
| Kyivska                                          | 286                                               | 157 | 129 | 16.6                                              | 19.7        | 13.9        | 177                                                 | 101 | 76  | 10.3                                              | 12.7        | 8.2        |
| Kirovogradskra                                   | 234                                               | 118 | 116 | 24.0                                              | 26.4        | 22.0        | 126                                                 | 68  | 58  | 12.9                                              | 15.2        | 11.0       |
| Louganska                                        |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |
| Lvivska                                          | 438                                               | 250 | 188 | 17.4                                              | 21.0        | 14.2        | 229                                                 | 132 | 97  | 9.1                                               | 11.1        | 7.3        |
| Mykolajivska                                     | 202                                               | 95  | 107 | 17.4                                              | 17.7        | 17.1        | 114                                                 | 58  | 56  | 9.8                                               | 10.8        | 9.0        |
| Odesska                                          | 382                                               | 184 | 198 | 16.0                                              | 16.4        | 15.7        | 141                                                 | 73  | 68  | 5.9                                               | 6.5         | 5.4        |
| Poltavska                                        | 305                                               | 166 | 139 | 21.2                                              | 25.1        | 17.9        | 199                                                 | 104 | 95  | 13.8                                              | 15.7        | 12.2       |
| Rivnenska                                        | 170                                               | 91  | 79  | 14.7                                              | 16.5        | 13.0        | 128                                                 | 69  | 59  | 11.0                                              | 12.5        | 9.7        |
| Soumska                                          | 259                                               | 120 | 139 | 23.1                                              | 23.4        | 22.9        | 166                                                 | 83  | 83  | 14.8                                              | 16.2        | 13.6       |
| Ternopilska                                      | 199                                               | 114 | 85  | 18.7                                              | 22.9        | 14.9        | 122                                                 | 77  | 45  | 11.4                                              | 15.5        | 7.9        |
| Kharkivska                                       | 449                                               | 218 | 231 | 16.5                                              | 17.4        | 15.8        | 308                                                 | 160 | 148 | 11.3                                              | 12.7        | 10.1       |
| Khersonska                                       | 241                                               | 126 | 115 | 22.6                                              | 25.5        | 20.1        | 117                                                 | 62  | 55  | 11.0                                              | 12.6        | 9.6        |
| Khmelnitska                                      | 291                                               | 171 | 120 | 22.4                                              | 28.4        | 17.2        | 185                                                 | 114 | 71  | 14.3                                              | 19.0        | 10.2       |
| Cherkasska                                       | 295                                               | 165 | 130 | 23.6                                              | 28.9        | 19.2        | 166                                                 | 78  | 88  | 13.3                                              | 13.7        | 13.0       |
| Chernivetska                                     | 167                                               | 88  | 79  | 18.4                                              | 20.7        | 16.4        | 86                                                  | 43  | 43  | 9.5                                               | 10.1        | 9.0        |
| Chernigivska                                     | 221                                               | 114 | 107 | 21.1                                              | 24.0        | 18.7        | 119                                                 | 61  | 58  | 11.4                                              | 12.8        | 10.1       |
| Kyiv city                                        | 573                                               | 270 | 303 | 20.1                                              | 20.5        | 19.8        | 308                                                 | 156 | 152 | 10.8                                              | 11.9        | 9.9        |
| Sevastopol city                                  |                                                   |     |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |              |              |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|--------------|--------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂            | ▲            |
| <b>Ukraine</b>              | <b>62.8</b>                                            | <b>17.9</b> | <b>15.8</b> | <b>3.1</b>        | <b>29.1</b>                                                   | <b>75</b>                                        | <b>72.7</b>                            | <b>91.1</b>                            | <b>21.1</b>                                          | <b>112.2</b>                          | <b>114.5</b> | <b>110.2</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Vinnytska                   | 75.4                                                   | 14.5        | 9.8         | 0.0               | 28.3                                                          | 0                                                | 71.4                                   | 85.4                                   | 14.1                                                 | 106.8                                 | 113.0        | 101.4        |
| Volynska                    | 70.7                                                   | 5.0         | 21.4        | 2.1               | 26.5                                                          | 0                                                | 72.1                                   | 98.1                                   | 7.9                                                  | 91.1                                  | 87.9         | 94.0         |
| Dnipropetrovska             | 59.5                                                   | 16.7        | 16.0        | 7.4               | 31.8                                                          | 2                                                | 61.0                                   | 90.5                                   | 9.1                                                  | 120.3                                 | 120.5        | 120.1        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Zhytomyrska                 | 57.8                                                   | 16.6        | 22.7        | 1.9               | 24.8                                                          | 1                                                | 69.2                                   | 98.2                                   | 26.1                                                 | 99.2                                  | 96.3         | 101.7        |
| Zakarpatska                 | 38.6                                                   | 41.0        | 18.1        | 1.8               | 35.0                                                          | 4                                                | 78.9                                   | 94.3                                   | 0.6                                                  | 71.7                                  | 79.1         | 64.9         |
| Zaporizzka                  | 64.4                                                   | 15.4        | 18.5        | 1.3               | 32.5                                                          | 22                                               | 60.4                                   | 86.2                                   | 17.1                                                 | 123.1                                 | 128.9        | 118.2        |
| Ivano-Frankivska            | 73.9                                                   | 8.7         | 16.8        | 0.5               | 30.6                                                          | 0                                                | 78.8                                   | 97.4                                   | 13.0                                                 | 71.0                                  | 78.4         | 64.4         |
| Kyivska                     | 57.0                                                   | 25.5        | 17.5        | 0.0               | 27.5                                                          | 0                                                | 78.7                                   | 93.4                                   | 12.2                                                 | 122.2                                 | 126.1        | 118.8        |
| Kirovogradskra              | 60.7                                                   | 19.9        | 18.5        | 0.0               | 21.5                                                          | 1                                                | 72.5                                   | 88.9                                   | 14.7                                                 | 142.2                                 | 144.8        | 140.0        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Lvivska                     | 56.3                                                   | 22.9        | 14.1        | 5.6               | 30.5                                                          | 0                                                | 73.4                                   | 87.4                                   | 16.6                                                 | 105.6                                 | 111.2        | 100.5        |
| Mykolajivska                | 72.3                                                   | 12.5        | 15.2        | 0.0               | 33.0                                                          | 3                                                | 65.8                                   | 92.1                                   | 41.3                                                 | 102.3                                 | 102.2        | 102.3        |
| Odesska                     | 61.8                                                   | 27.5        | 10.5        | 0.3               | 20.1                                                          | 6                                                | 82.2                                   | 99.2                                   | 9.1                                                  | 132.1                                 | 136.2        | 128.5        |
| Poltavska                   | 71.5                                                   | 10.3        | 18.1        | 0.0               | 31.8                                                          | 2                                                | 70.5                                   | 91.1                                   | 24.6                                                 | 137.5                                 | 137.9        | 137.2        |
| Rivnenska                   | 69.2                                                   | 12.6        | 13.8        | 4.4               | 25.6                                                          | 0                                                | 71.7                                   | 88.2                                   | 43.4                                                 | 86.8                                  | 91.2         | 82.8         |
| Soumska                     | 87.3                                                   | 3.0         | 6.4         | 3.4               | 26.4                                                          | 0                                                | 75.0                                   | 91.5                                   | 36.9                                                 | 122.8                                 | 116.8        | 127.9        |
| Ternopilska                 | 65.5                                                   | 15.3        | 19.2        | 0.0               | 24.5                                                          | 0                                                | 78.5                                   | 93.5                                   | 22.6                                                 | 105.2                                 | 113.1        | 98.2         |
| Kharkivska                  | 68.9                                                   | 15.8        | 11.5        | 3.6               | 32.8                                                          | 6                                                | 73.0                                   | 83.7                                   | 21.8                                                 | 111.8                                 | 105.5        | 117.2        |
| Khersonska                  | 56.4                                                   | 15.1        | 26.6        | 0.5               | 35.0                                                          | 2                                                | 72.9                                   | 92.5                                   | 7.8                                                  | 118.1                                 | 111.1        | 124.1        |
| Khmelnitska                 | 65.8                                                   | 23.5        | 10.3        | 0.0               | 26.9                                                          | 0                                                | 73.5                                   | 81.8                                   | 14.0                                                 | 107.5                                 | 118.3        | 98.2         |
| Cherkasska                  | 60.4                                                   | 20.0        | 19.2        | 0.4               | 28.8                                                          | 7                                                | 80.4                                   | 95.3                                   | 19.2                                                 | 123.2                                 | 134.1        | 114.0        |
| Chernivetska                | 48.0                                                   | 13.3        | 27.3        | 11.3              | 35.2                                                          | 5                                                | 78.0                                   | 92.2                                   | 21.3                                                 | 91.2                                  | 100.7        | 82.8         |
| Chernigivska                | 53.9                                                   | 26.0        | 19.1        | 1.0               | 26.9                                                          | 5                                                | 78.9                                   | 90.0                                   | 19.6                                                 | 137.6                                 | 137.9        | 137.4        |
| Kyiv city                   | 55.0                                                   | 20.3        | 13.4        | 10.8              | 30.4                                                          | 9                                                | 76.7                                   | 94.6                                   | 61.7                                                 | 116.1                                 | 117.7        | 114.8        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| Table 1 - General rates, 2014                                             |                                         |  | ♀    | ♂    | ●    |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 1344 | 767  | 577  |
| Incidence (crude rate)                                                    |                                         |  | 3.7  | 4.6  | 3.0  |
| Incidence (age-standardized, world standard)                              |                                         |  | 2.1  | 3.1  | 1.5  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 3.4  | 5.0  | 2.4  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1084 | 609  | 475  |
| Mortality (crude rate)                                                    |                                         |  | 3.0  | 3.6  | 2.4  |
| Mortality (age-standardized, world standard)                              |                                         |  | 1.7  | 2.5  | 1.2  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 2.7  | 4.0  | 1.9  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 77.7 | 78.8 | 76.1 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 11.8 | 12.6 | 10.8 |
| Microscopically verified diagnoses, %                                     |                                         |  | 53.2 | 53.2 | 53.2 |
| Diagnoses verified with histology, %                                      |                                         |  | 45.4 | 45.6 | 45.1 |
| Not specified morphology, %                                               |                                         |  | 21.1 | 23.0 | 18.6 |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 3.0  | 2.6  | 3.5  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 19.8 | 18.4 | 21.5 |
| - surgical treatment only, %                                              |                                         |  | 8.4  | 7.4  | 9.7  |
| - combined or complex scheme of treatment, %                              |                                         |  | 2.3  | 2.5  | 2.2  |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 9    | 7    | 2    |
|                                                                           | rate per 100 000 of children population |  | 0.1  | 0.2  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 5    | 4    | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| Table 2 -<br>Incidence and<br>mortality,<br>2014 | Crude incidence<br>rate<br>per 100 000 of<br>population |            |            | Age-standardized<br>incidence rate<br>(world standard) |            |            | Age-standardized<br>incidence rate<br>(Ukrainian<br>standard) |            |            | Crude mortality<br>rate<br>per 100 000 of<br>population |            |            | Age-standardized<br>mortality rate<br>(world standard) |            |            | Age-standardized<br>mortality rate<br>(Ukrainian<br>standard) |            |            |
|--------------------------------------------------|---------------------------------------------------------|------------|------------|--------------------------------------------------------|------------|------------|---------------------------------------------------------------|------------|------------|---------------------------------------------------------|------------|------------|--------------------------------------------------------|------------|------------|---------------------------------------------------------------|------------|------------|
|                                                  | ♀                                                       | ♂          | ●          | ♀                                                      | ♂          | ●          | ♀                                                             | ♂          | ●          | ♀                                                       | ♂          | ●          | ♀                                                      | ♂          | ●          | ♀                                                             | ♂          | ●          |
| <b>Ukraine</b>                                   | <b>3.7</b>                                              | <b>4.6</b> | <b>3.0</b> | <b>2.1</b>                                             | <b>3.1</b> | <b>1.5</b> | <b>3.4</b>                                                    | <b>5.0</b> | <b>2.4</b> | <b>3.0</b>                                              | <b>3.6</b> | <b>2.4</b> | <b>1.7</b>                                             | <b>2.5</b> | <b>1.2</b> | <b>2.7</b>                                                    | <b>4.0</b> | <b>1.9</b> |
| AR Krym                                          |                                                         |            |            |                                                        |            |            |                                                               |            |            |                                                         |            |            |                                                        |            |            |                                                               |            |            |
| Vinnytska                                        | 2.9                                                     | 3.4        | 2.4        | 1.6                                                    | 2.2        | 1.2        | 2.5                                                           | 3.4        | 1.9        | 2.2                                                     | 2.7        | 1.8        | 1.4                                                    | 1.7        | 1.2        | 2.0                                                           | 2.7        | 1.6        |
| Volynska                                         | 3.2                                                     | 3.9        | 2.6        | 2.3                                                    | 3.1        | 1.7        | 3.7                                                           | 5.1        | 2.8        | 2.4                                                     | 2.7        | 2.2        | 1.8                                                    | 2.3        | 1.5        | 3.0                                                           | 3.8        | 2.5        |
| Dnipropetrovsk                                   | 4.5                                                     | 6.1        | 3.2        | 2.5                                                    | 4.1        | 1.4        | 4.0                                                           | 6.3        | 2.4        | 4.3                                                     | 5.8        | 3.0        | 2.4                                                    | 4.0        | 1.3        | 3.7                                                           | 5.9        | 2.2        |
| Donetska                                         |                                                         |            |            |                                                        |            |            |                                                               |            |            |                                                         |            |            |                                                        |            |            |                                                               |            |            |
| Zhytomyrska                                      | 3.1                                                     | 4.1        | 2.2        | 1.6                                                    | 2.5        | 1.2        | 2.7                                                           | 4.6        | 1.8        | 2.5                                                     | 3.4        | 1.8        | 1.3                                                    | 2.1        | 0.9        | 2.2                                                           | 3.8        | 1.4        |
| Zakarpatska                                      | 2.9                                                     | 4.5        | 1.4        | 2.1                                                    | 3.5        | 1.0        | 3.1                                                           | 5.6        | 1.3        | 2.0                                                     | 2.7        | 1.4        | 1.5                                                    | 2.1        | 1.0        | 2.1                                                           | 3.2        | 1.3        |
| Zaporizzka                                       | 3.8                                                     | 4.3        | 3.4        | 1.9                                                    | 2.6        | 1.4        | 3.3                                                           | 4.6        | 2.5        | 3.3                                                     | 3.1        | 3.5        | 1.8                                                    | 2.1        | 1.6        | 2.9                                                           | 3.3        | 2.7        |
| Ivano-Frankivska                                 | 2.0                                                     | 2.0        | 2.1        | 1.4                                                    | 1.5        | 1.2        | 1.9                                                           | 2.1        | 1.8        | 1.2                                                     | 1.2        | 1.2        | 0.8                                                    | 0.9        | 0.6        | 1.1                                                           | 1.3        | 0.9        |
| Kyivska                                          | 3.1                                                     | 3.6        | 2.7        | 1.9                                                    | 2.6        | 1.4        | 3.0                                                           | 3.9        | 2.2        | 2.7                                                     | 2.9        | 2.5        | 1.6                                                    | 2.0        | 1.3        | 2.6                                                           | 3.1        | 2.1        |
| Kirovogradsk                                     | 4.3                                                     | 5.6        | 3.2        | 2.3                                                    | 3.2        | 1.9        | 3.6                                                           | 5.7        | 2.5        | 3.2                                                     | 3.6        | 2.8        | 1.6                                                    | 2.2        | 1.2        | 2.6                                                           | 3.7        | 2.0        |
| Louganska                                        |                                                         |            |            |                                                        |            |            |                                                               |            |            |                                                         |            |            |                                                        |            |            |                                                               |            |            |
| Lvivska                                          | 4.1                                                     | 5.0        | 3.2        | 2.5                                                    | 3.6        | 1.7        | 3.9                                                           | 5.7        | 2.7        | 3.1                                                     | 3.7        | 2.5        | 1.9                                                    | 2.7        | 1.3        | 3.0                                                           | 4.5        | 2.0        |
| Mykolajivska                                     | 6.0                                                     | 7.2        | 4.9        | 3.3                                                    | 4.8        | 2.3        | 5.5                                                           | 8.2        | 3.8        | 4.6                                                     | 5.6        | 3.8        | 2.5                                                    | 3.7        | 1.6        | 4.3                                                           | 6.4        | 2.9        |
| Odesska                                          | 4.9                                                     | 6.0        | 3.9        | 3.0                                                    | 4.2        | 2.0        | 4.7                                                           | 6.5        | 3.3        | 3.3                                                     | 4.0        | 2.6        | 2.0                                                    | 2.8        | 1.3        | 3.1                                                           | 4.4        | 2.2        |
| Poltavsk                                         | 3.5                                                     | 4.8        | 2.4        | 1.9                                                    | 3.1        | 1.0        | 3.1                                                           | 4.8        | 1.8        | 4.0                                                     | 5.6        | 2.7        | 2.2                                                    | 3.2        | 1.5        | 3.5                                                           | 5.6        | 2.2        |
| Rivnenska                                        | 1.6                                                     | 2.6        | 0.7        | 1.1                                                    | 2.3        | 0.4        | 1.9                                                           | 3.9        | 0.7        | 1.1                                                     | 1.6        | 0.7        | 0.9                                                    | 1.6        | 0.5        | 1.3                                                           | 2.5        | 0.7        |
| Soumska                                          | 2.7                                                     | 3.1        | 2.4        | 1.4                                                    | 1.9        | 1.1        | 2.3                                                           | 3.3        | 1.8        | 2.0                                                     | 2.5        | 1.6        | 1.1                                                    | 1.6        | 0.7        | 1.7                                                           | 2.7        | 1.1        |
| Ternopilska                                      | 4.1                                                     | 5.4        | 3.0        | 2.2                                                    | 3.8        | 1.1        | 4.0                                                           | 6.7        | 2.2        | 3.0                                                     | 4.0        | 2.1        | 1.6                                                    | 2.9        | 0.7        | 2.8                                                           | 4.8        | 1.4        |
| Kharkivska                                       | 4.7                                                     | 5.1        | 4.4        | 2.5                                                    | 3.2        | 2.0        | 4.2                                                           | 5.8        | 3.4        | 4.0                                                     | 4.7        | 3.4        | 2.0                                                    | 2.9        | 1.5        | 3.4                                                           | 5.2        | 2.5        |
| Khersonska                                       | 3.3                                                     | 3.6        | 3.0        | 1.7                                                    | 2.3        | 1.2        | 2.9                                                           | 3.6        | 2.3        | 2.4                                                     | 2.6        | 2.3        | 1.3                                                    | 1.8        | 0.9        | 2.2                                                           | 2.7        | 1.7        |
| Khmelnitska                                      | 2.9                                                     | 4.0        | 2.0        | 1.7                                                    | 2.6        | 1.1        | 2.6                                                           | 4.3        | 1.6        | 1.9                                                     | 2.5        | 1.4        | 1.1                                                    | 1.7        | 0.7        | 1.8                                                           | 2.7        | 1.1        |
| Cherkasska                                       | 3.0                                                     | 3.3        | 2.8        | 1.6                                                    | 2.2        | 1.2        | 2.6                                                           | 3.4        | 2.0        | 2.6                                                     | 3.1        | 2.2        | 1.4                                                    | 2.0        | 0.9        | 2.2                                                           | 3.2        | 1.6        |
| Chernivetska                                     | 3.8                                                     | 4.2        | 3.3        | 2.3                                                    | 3.0        | 1.7        | 3.8                                                           | 4.6        | 3.0        | 2.9                                                     | 3.5        | 2.3        | 1.8                                                    | 2.5        | 1.1        | 2.8                                                           | 3.6        | 2.0        |
| Chernigivska                                     | 1.8                                                     | 2.3        | 1.4        | 1.0                                                    | 1.4        | 0.7        | 1.4                                                           | 2.0        | 1.0        | 2.1                                                     | 2.1        | 2.1        | 1.3                                                    | 1.2        | 1.4        | 1.7                                                           | 1.9        | 1.7        |
| Kyiv city                                        | 4.5                                                     | 5.4        | 3.6        | 2.7                                                    | 3.8        | 1.9        | 4.4                                                           | 6.3        | 3.2        | 3.4                                                     | 4.1        | 2.8        | 2.0                                                    | 2.8        | 1.4        | 3.4                                                           | 4.7        | 2.5        |
| Sevastopol city                                  |                                                         |            |            |                                                        |            |            |                                                               |            |            |                                                         |            |            |                                                        |            |            |                                                               |            |            |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |    | <b>3.2</b>                                        | <b>4.1</b> | <b>2.5</b> |                                                     |    |    | <b>2.6</b>                                        | <b>3.3</b> | <b>2.1</b> |
| AR Krym                                          |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 39                                                | 25 | 14 | 2.4                                               | 3.4        | 1.6        | 34                                                  | 19 | 15 | 2.1                                               | 2.6        | 1.7        |
| Volynska                                         | 27                                                | 16 | 11 | 2.6                                               | 3.3        | 2.0        | 29                                                  | 16 | 13 | 2.8                                               | 3.3        | 2.4        |
| Dnipropetrovska                                  | 133                                               | 76 | 57 | 4.1                                               | 5.1        | 3.2        | 114                                                 | 66 | 48 | 3.5                                               | 4.4        | 2.7        |
| Donetska                                         |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 37                                                | 18 | 19 | 2.9                                               | 3.1        | 2.8        | 25                                                  | 14 | 11 | 2.0                                               | 2.4        | 1.6        |
| Zakarpatska                                      | 29                                                | 25 | 4  | 2.3                                               | 4.1        | 0.6        | 28                                                  | 25 | 3  | 2.2                                               | 4.1        | 0.5        |
| Zaporizzka                                       | 67                                                | 41 | 26 | 3.8                                               | 5.1        | 2.7        | 46                                                  | 28 | 18 | 2.6                                               | 3.5        | 1.9        |
| Ivano-Frankivska                                 | 22                                                | 10 | 12 | 1.6                                               | 1.5        | 1.7        | 15                                                  | 6  | 9  | 1.1                                               | 0.9        | 1.2        |
| Kyivska                                          | 48                                                | 27 | 21 | 2.8                                               | 3.4        | 2.3        | 45                                                  | 25 | 20 | 2.6                                               | 3.1        | 2.2        |
| Kirovogradskra                                   | 35                                                | 24 | 11 | 3.6                                               | 5.4        | 2.1        | 31                                                  | 20 | 11 | 3.2                                               | 4.5        | 2.1        |
| Louganska                                        |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 84                                                | 55 | 29 | 3.3                                               | 4.6        | 2.2        | 74                                                  | 45 | 29 | 2.9                                               | 3.8        | 2.2        |
| Mykolajivska                                     | 42                                                | 26 | 16 | 3.6                                               | 4.8        | 2.6        | 31                                                  | 15 | 16 | 2.7                                               | 2.8        | 2.6        |
| Odesska                                          | 72                                                | 41 | 31 | 3.0                                               | 3.7        | 2.5        | 46                                                  | 29 | 17 | 1.9                                               | 2.6        | 1.3        |
| Poltavska                                        | 42                                                | 26 | 16 | 2.9                                               | 3.9        | 2.1        | 38                                                  | 19 | 19 | 2.6                                               | 2.9        | 2.4        |
| Rivnenska                                        | 24                                                | 10 | 14 | 2.1                                               | 1.8        | 2.3        | 15                                                  | 8  | 7  | 1.3                                               | 1.5        | 1.2        |
| Soumska                                          | 32                                                | 17 | 15 | 2.9                                               | 3.3        | 2.5        | 20                                                  | 11 | 9  | 1.8                                               | 2.1        | 1.5        |
| Ternopilska                                      | 40                                                | 23 | 17 | 3.8                                               | 4.6        | 3.0        | 38                                                  | 24 | 14 | 3.6                                               | 4.8        | 2.5        |
| Kharkivska                                       | 111                                               | 47 | 64 | 4.1                                               | 3.7        | 4.4        | 80                                                  | 35 | 45 | 3.0                                               | 2.8        | 3.1        |
| Khersonska                                       | 30                                                | 18 | 12 | 2.8                                               | 3.6        | 2.1        | 32                                                  | 19 | 13 | 3.0                                               | 3.9        | 2.3        |
| Khmelnitska                                      | 42                                                | 26 | 16 | 3.2                                               | 4.3        | 2.3        | 37                                                  | 25 | 12 | 2.9                                               | 4.2        | 1.7        |
| Cherkasska                                       | 40                                                | 27 | 13 | 3.2                                               | 4.7        | 1.9        | 37                                                  | 23 | 14 | 3.0                                               | 4.0        | 2.1        |
| Chernivetska                                     | 19                                                | 11 | 8  | 2.1                                               | 2.6        | 1.7        | 18                                                  | 11 | 7  | 2.0                                               | 2.6        | 1.5        |
| Chernigivska                                     | 33                                                | 22 | 11 | 3.2                                               | 4.6        | 1.9        | 25                                                  | 18 | 7  | 2.4                                               | 3.8        | 1.2        |
| Kyiv city                                        | 128                                               | 75 | 53 | 4.5                                               | 5.7        | 3.5        | 99                                                  | 58 | 41 | 3.5                                               | 4.4        | 2.7        |
| Sevastopol city                                  |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |            |            |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|------------|------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂          | ▲          |
| <b>Ukraine</b>              | <b>12.5</b>                                            | <b>33.7</b> | <b>27.9</b> | <b>23.8</b>       | <b>77.7</b>                                                   | <b>151</b>                                       | <b>19.6</b>                            | <b>51.4</b>                            | <b>2.0</b>                                           | <b>4.8</b>                            | <b>5.2</b> | <b>4.5</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |
| Vinnytska                   | 19.4                                                   | 41.9        | 35.5        | 0.0               | 78.3                                                          | 1                                                | 22.6                                   | 33.3                                   | 0.0                                                  | 2.6                                   | 3.1        | 2.2        |
| Volynska                    | 14.3                                                   | 33.3        | 19.0        | 33.3              | 73.3                                                          | 4                                                | 28.6                                   | 59.3                                   | 4.8                                                  | 3.7                                   | 3.5        | 3.8        |
| Dnipropetrovska             | 12.5                                                   | 42.3        | 18.3        | 21.2              | 86.7                                                          | 9                                                | 16.3                                   | 66.9                                   | 0.0                                                  | 2.7                                   | 3.1        | 2.3        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |
| Zhytomyrska                 | 8.3                                                    | 22.2        | 63.9        | 5.6               | 78.9                                                          | 1                                                | 22.2                                   | 51.4                                   | 2.8                                                  | 3.6                                   | 4.3        | 3.0        |
| Zakarpatska                 | 0.0                                                    | 29.4        | 41.2        | 23.5              | 88.6                                                          | 6                                                | 17.6                                   | 69.0                                   | 0.0                                                  | 2.3                                   | 2.5        | 2.1        |
| Zaporizzka                  | 8.8                                                    | 50.9        | 17.5        | 21.1              | 80.6                                                          | 11                                               | 12.3                                   | 44.8                                   | 1.8                                                  | 5.7                                   | 7.5        | 4.3        |
| Ivano-Frankivska            | 5.0                                                    | 25.0        | 30.0        | 35.0              | 71.4                                                          | 3                                                | 10.0                                   | 40.9                                   | 0.0                                                  | 1.9                                   | 1.8        | 1.9        |
| Kyivska                     | 17.8                                                   | 37.8        | 42.2        | 2.2               | 74.5                                                          | 1                                                | 33.3                                   | 39.6                                   | 0.0                                                  | 4.4                                   | 3.5        | 5.2        |
| Kirovogradskra              | 4.2                                                    | 50.0        | 29.2        | 16.7              | 78.9                                                          | 14                                               | 37.5                                   | 71.4                                   | 4.2                                                  | 2.5                                   | 3.4        | 1.7        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |
| Lvivska                     | 8.9                                                    | 34.2        | 16.5        | 38.0              | 73.7                                                          | 1                                                | 7.6                                    | 31.0                                   | 0.0                                                  | 5.3                                   | 6.0        | 4.8        |
| Mykolajivska                | 5.6                                                    | 66.7        | 25.0        | 0.0               | 89.6                                                          | 22                                               | 25.0                                   | 45.2                                   | 13.9                                                 | 5.3                                   | 5.0        | 5.6        |
| Odesska                     | 13.1                                                   | 49.2        | 34.4        | 1.6               | 56.0                                                          | 20                                               | 31.1                                   | 94.4                                   | 0.0                                                  | 11.3                                  | 12.8       | 10.0       |
| Poltavska                   | 21.6                                                   | 27.0        | 48.6        | 0.0               | 87.8                                                          | 4                                                | 10.8                                   | 47.6                                   | 8.1                                                  | 2.7                                   | 4.1        | 1.5        |
| Rivnenska                   | 13.0                                                   | 21.7        | 0.0         | 60.9              | 55.6                                                          | 0                                                | 34.8                                   | 41.7                                   | 8.7                                                  | 4.7                                   | 3.8        | 5.4        |
| Soumska                     | 20.0                                                   | 23.3        | 33.3        | 23.3              | 58.1                                                          | 0                                                | 33.3                                   | 43.8                                   | 0.0                                                  | 5.5                                   | 5.1        | 5.9        |
| Ternopilska                 | 5.6                                                    | 44.4        | 50.0        | 0.0               | 76.2                                                          | 0                                                | 11.1                                   | 47.5                                   | 0.0                                                  | 5.7                                   | 5.2        | 6.2        |
| Kharkivska                  | 18.6                                                   | 39.2        | 19.6        | 22.5              | 83.1                                                          | 11                                               | 20.6                                   | 35.1                                   | 2.9                                                  | 6.8                                   | 6.2        | 7.3        |
| Khersonska                  | 0.0                                                    | 27.3        | 72.7        | 0.0               | 88.6                                                          | 6                                                | 0.0                                    | 60.0                                   | 4.5                                                  | 2.0                                   | 2.2        | 1.8        |
| Khmelnitska                 | 34.2                                                   | 36.8        | 18.4        | 5.3               | 68.4                                                          | 4                                                | 23.7                                   | 28.6                                   | 2.6                                                  | 5.2                                   | 5.5        | 4.9        |
| Cherkasska                  | 18.2                                                   | 18.2        | 51.5        | 6.1               | 83.8                                                          | 8                                                | 9.1                                    | 32.5                                   | 3.0                                                  | 3.6                                   | 4.2        | 3.1        |
| Chernivetska                | 5.9                                                    | 23.5        | 41.2        | 29.4              | 79.4                                                          | 10                                               | 17.6                                   | 31.6                                   | 0.0                                                  | 8.3                                   | 8.7        | 7.9        |
| Chernigivska                | 12.5                                                   | 12.5        | 62.5        | 12.5              | 84.2                                                          | 2                                                | 20.8                                   | 60.6                                   | 0.0                                                  | 2.8                                   | 2.7        | 2.8        |
| Kyiv city                   | 5.9                                                    | 3.0         | 0.0         | 90.1              | 77.7                                                          | 13                                               | 19.8                                   | 63.3                                   | 0.0                                                  | 5.9                                   | 6.7        | 5.2        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 4303 | 2294 | 2009 |
| Incidence (crude rate)                                                    |                                         |  | 11.8 | 13.6 | 10.3 |
| Incidence (age-standardized, world standard)                              |                                         |  | 6.6  | 9.3  | 4.7  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 11.0 | 15.2 | 8.1  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 3474 | 1914 | 1560 |
| Mortality (crude rate)                                                    |                                         |  | 9.6  | 11.4 | 8.0  |
| Mortality (age-standardized, world standard)                              |                                         |  | 5.4  | 7.8  | 3.6  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 8.8  | 12.7 | 6.3  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 75.2 | 76.7 | 73.5 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 4.4  | 5.6  | 3.0  |
| Microscopically verified diagnoses, %                                     |                                         |  | 39.9 | 42.0 | 37.6 |
| Diagnoses verified with histology, %                                      |                                         |  | 33.7 | 36.1 | 31.1 |
| Not specified morphology, %                                               |                                         |  | 21.3 | 23.2 | 18.9 |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 2.4  | 2.7  | 2.0  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 28.7 | 29.0 | 28.4 |
| - surgical treatment only, %                                              |                                         |  | 12.2 | 12.0 | 12.5 |
| - combined or complex scheme of treatment, %                              |                                         |  | 3.5  | 3.9  | 3.2  |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |             | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |             |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |             |            |  |
|------------------------------------------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|-------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|--|
|                                                |                                                |             |             |                                                  |            |            |                                                      |             |            |                                                |             |            |                                                  |            |            |                                                      |             |            |  |
| <b>Ukraine</b>                                 | <b>11.8</b>                                    | <b>13.6</b> | <b>10.3</b> | <b>6.6</b>                                       | <b>9.3</b> | <b>4.7</b> | <b>11.0</b>                                          | <b>15.2</b> | <b>8.1</b> | <b>9.6</b>                                     | <b>11.4</b> | <b>8.0</b> | <b>5.4</b>                                       | <b>7.8</b> | <b>3.6</b> | <b>8.8</b>                                           | <b>12.7</b> | <b>6.3</b> |  |
| AR Krym                                        |                                                |             |             |                                                  |            |            |                                                      |             |            |                                                |             |            |                                                  |            |            |                                                      |             |            |  |
| Vinnytska                                      | 10.2                                           | 12.5        | 8.3         | 5.9                                              | 8.5        | 3.9        | 9.2                                                  | 13.2        | 6.4        | 10.1                                           | 11.5        | 8.9        | 5.7                                              | 7.6        | 4.4        | 9.0                                                  | 12.1        | 6.9        |  |
| Volynska                                       | 7.0                                            | 8.6         | 5.6         | 5.0                                              | 7.2        | 3.3        | 7.8                                                  | 11.3        | 5.4        | 5.4                                            | 7.0         | 4.0        | 3.6                                              | 5.8        | 2.0        | 5.9                                                  | 9.3         | 3.5        |  |
| Dnipropetrovska                                | 12.4                                           | 13.6        | 11.4        | 6.8                                              | 9.2        | 5.2        | 11.1                                                 | 14.8        | 8.7        | 10.8                                           | 12.0        | 9.7        | 5.8                                              | 8.2        | 4.2        | 9.5                                                  | 13.1        | 7.2        |  |
| Donetska                                       |                                                |             |             |                                                  |            |            |                                                      |             |            |                                                |             |            |                                                  |            |            |                                                      |             |            |  |
| Zhytomyrska                                    | 9.5                                            | 12.5        | 6.9         | 5.4                                              | 8.3        | 3.5        | 8.9                                                  | 14.0        | 5.8        | 7.8                                            | 8.9         | 6.8        | 4.4                                              | 6.1        | 3.2        | 7.3                                                  | 10.0        | 5.4        |  |
| Zakarpatska                                    | 8.3                                            | 10.1        | 6.6         | 5.8                                              | 8.1        | 4.0        | 9.2                                                  | 12.5        | 6.6        | 6.6                                            | 8.8         | 4.6        | 4.7                                              | 6.8        | 3.0        | 7.3                                                  | 10.3        | 4.9        |  |
| Zaporizzka                                     | 15.9                                           | 18.3        | 13.9        | 7.8                                              | 11.7       | 5.3        | 13.5                                                 | 19.7        | 9.7        | 13.4                                           | 16.1        | 11.2       | 6.5                                              | 10.1       | 4.3        | 11.3                                                 | 17.3        | 7.6        |  |
| Ivano-Frankivska                               | 10.2                                           | 12.0        | 8.7         | 6.2                                              | 8.7        | 4.3        | 10.8                                                 | 15.1        | 7.8        | 7.5                                            | 10.3        | 5.0        | 4.6                                              | 7.8        | 2.4        | 7.9                                                  | 13.6        | 4.3        |  |
| Kyivska                                        | 11.8                                           | 14.5        | 9.5         | 6.6                                              | 9.8        | 4.5        | 10.9                                                 | 16.3        | 7.5        | 8.8                                            | 10.9        | 7.0        | 4.9                                              | 7.4        | 3.3        | 8.2                                                  | 12.6        | 5.6        |  |
| Kirovogradksa                                  | 15.5                                           | 21.8        | 10.2        | 7.9                                              | 13.2       | 4.3        | 13.0                                                 | 21.6        | 7.3        | 11.5                                           | 15.6        | 8.1        | 5.9                                              | 9.7        | 3.3        | 9.6                                                  | 15.3        | 5.7        |  |
| Louganska                                      |                                                |             |             |                                                  |            |            |                                                      |             |            |                                                |             |            |                                                  |            |            |                                                      |             |            |  |
| Lvivska                                        | 12.4                                           | 12.8        | 12.1        | 7.0                                              | 8.8        | 5.6        | 11.9                                                 | 14.8        | 9.8        | 9.3                                            | 10.6        | 8.1        | 5.4                                              | 7.4        | 3.9        | 8.9                                                  | 12.1        | 6.7        |  |
| Mykolajivska                                   | 14.1                                           | 14.6        | 13.5        | 7.4                                              | 9.9        | 5.9        | 12.6                                                 | 16.8        | 10.2       | 9.4                                            | 10.4        | 8.6        | 5.0                                              | 7.1        | 3.5        | 8.4                                                  | 11.2        | 6.5        |  |
| Odesska                                        | 11.1                                           | 11.6        | 10.7        | 6.6                                              | 8.5        | 5.2        | 10.6                                                 | 13.4        | 8.6        | 8.8                                            | 10.5        | 7.4        | 5.2                                              | 7.6        | 3.5        | 8.5                                                  | 12.0        | 6.0        |  |
| Poltavskna                                     | 11.1                                           | 15.0        | 7.8         | 5.8                                              | 9.6        | 3.2        | 9.7                                                  | 15.9        | 5.7        | 11.0                                           | 14.9        | 7.7        | 5.6                                              | 9.2        | 3.2        | 9.5                                                  | 15.3        | 5.7        |  |
| Rivnenska                                      | 7.8                                            | 7.8         | 7.7         | 5.0                                              | 6.6        | 3.5        | 8.9                                                  | 10.4        | 7.2        | 6.1                                            | 7.3         | 5.1        | 4.1                                              | 6.1        | 2.4        | 6.9                                                  | 9.5         | 4.6        |  |
| Soumska                                        | 13.4                                           | 15.1        | 11.9        | 6.6                                              | 9.5        | 4.5        | 11.2                                                 | 15.4        | 8.2        | 10.5                                           | 12.2        | 9.1        | 5.5                                              | 8.1        | 3.6        | 8.9                                                  | 12.8        | 6.2        |  |
| Ternopilska                                    | 10.6                                           | 13.2        | 8.2         | 6.4                                              | 9.4        | 4.2        | 10.5                                                 | 15.4        | 7.1        | 9.3                                            | 9.8         | 8.8        | 5.6                                              | 7.0        | 4.7        | 9.2                                                  | 11.5        | 7.6        |  |
| Kharkivska                                     | 12.9                                           | 14.3        | 11.6        | 6.8                                              | 9.5        | 4.9        | 11.3                                                 | 15.4        | 8.5        | 9.8                                            | 11.5        | 8.4        | 5.2                                              | 7.7        | 3.4        | 8.5                                                  | 12.1        | 5.9        |  |
| Khersonska                                     | 9.6                                            | 11.3        | 8.2         | 5.8                                              | 8.1        | 4.1        | 9.2                                                  | 12.7        | 6.8        | 8.0                                            | 10.7        | 5.7        | 4.8                                              | 7.8        | 2.7        | 7.9                                                  | 12.3        | 4.8        |  |
| Khmelnitska                                    | 12.1                                           | 15.7        | 9.0         | 6.4                                              | 9.8        | 4.2        | 10.7                                                 | 16.7        | 6.9        | 8.3                                            | 10.3        | 6.6        | 4.4                                              | 6.5        | 3.0        | 7.3                                                  | 11.0        | 5.1        |  |
| Cherkasska                                     | 13.5                                           | 15.7        | 11.6        | 7.1                                              | 9.6        | 5.3        | 11.3                                                 | 15.2        | 8.6        | 11.0                                           | 12.5        | 9.7        | 5.8                                              | 7.8        | 4.3        | 9.1                                                  | 12.1        | 7.0        |  |
| Chernivetska                                   | 10.8                                           | 13.2        | 8.8         | 6.4                                              | 9.5        | 4.4        | 10.9                                                 | 16.3        | 7.6        | 9.4                                            | 12.5        | 6.7        | 5.7                                              | 8.7        | 3.6        | 9.4                                                  | 14.7        | 6.1        |  |
| Chernigivska                                   | 11.8                                           | 15.2        | 9.0         | 5.9                                              | 9.4        | 3.5        | 9.6                                                  | 14.9        | 6.0        | 10.3                                           | 11.7        | 9.2        | 5.3                                              | 7.3        | 3.7        | 8.4                                                  | 10.9        | 6.4        |  |
| Kyiv city                                      | 13.9                                           | 13.9        | 13.9        | 8.0                                              | 9.7        | 6.9        | 13.9                                                 | 16.1        | 12.4       | 11.3                                           | 12.6        | 10.2       | 6.6                                              | 8.9        | 4.9        | 11.4                                                 | 14.7        | 9.0        |  |
| Sevastopol city                                |                                                |             |             |                                                  |            |            |                                                      |             |            |                                                |             |            |                                                  |            |            |                                                      |             |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |             |            | Number of deaths from<br>cancer registered in 2015* |     |     | Crude mortality rate<br>per 100 000 of population |             |            |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|-------------|------------|-----------------------------------------------------|-----|-----|---------------------------------------------------|-------------|------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂           | ▲          | ♀                                                   | ♂   | ▲   | ♀                                                 | ♂           | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>11.1</b>                                       | <b>12.9</b> | <b>9.5</b> |                                                     |     |     | <b>8.9</b>                                        | <b>10.6</b> | <b>7.4</b> |
| AR Krym                                          |                                                   |     |     |                                                   |             |            |                                                     |     |     |                                                   |             |            |
| Vinnytska                                        | 186                                               | 113 | 73  | 11.6                                              | 15.3        | 8.5        | 153                                                 | 98  | 55  | 9.5                                               | 13.3        | 6.4        |
| Volynska                                         | 79                                                | 48  | 31  | 7.6                                               | 9.8         | 5.6        | 73                                                  | 47  | 26  | 7.0                                               | 9.6         | 4.7        |
| Dnipropetrovska                                  | 438                                               | 213 | 225 | 13.4                                              | 14.2        | 12.7       | 338                                                 | 171 | 167 | 10.3                                              | 11.4        | 9.4        |
| Donetska                                         |                                                   |     |     |                                                   |             |            |                                                     |     |     |                                                   |             |            |
| Zhytomyrska                                      | 117                                               | 66  | 51  | 9.3                                               | 11.3        | 7.6        | 100                                                 | 54  | 46  | 8.0                                               | 9.3         | 6.8        |
| Zakarpatska                                      | 121                                               | 71  | 50  | 9.6                                               | 11.8        | 7.7        | 86                                                  | 58  | 28  | 6.8                                               | 9.6         | 4.3        |
| Zaporizzka                                       | 192                                               | 95  | 97  | 10.9                                              | 11.8        | 10.1       | 191                                                 | 98  | 93  | 10.8                                              | 12.2        | 9.7        |
| Ivano-Frankivska                                 | 123                                               | 74  | 49  | 8.9                                               | 11.4        | 6.7        | 94                                                  | 55  | 39  | 6.8                                               | 8.4         | 5.4        |
| Kyivska                                          | 195                                               | 120 | 75  | 11.3                                              | 15.1        | 8.1        | 139                                                 | 79  | 60  | 8.1                                               | 9.9         | 6.5        |
| Kirovogradskra                                   | 148                                               | 78  | 70  | 15.2                                              | 17.4        | 13.3       | 125                                                 | 74  | 51  | 12.8                                              | 16.5        | 9.7        |
| Louganska                                        |                                                   |     |     |                                                   |             |            |                                                     |     |     |                                                   |             |            |
| Lvivska                                          | 293                                               | 174 | 119 | 11.6                                              | 14.6        | 9.0        | 238                                                 | 127 | 111 | 9.5                                               | 10.6        | 8.4        |
| Mykolajivska                                     | 140                                               | 73  | 67  | 12.0                                              | 13.6        | 10.7       | 95                                                  | 50  | 45  | 8.2                                               | 9.3         | 7.2        |
| Odesska                                          | 204                                               | 90  | 114 | 8.6                                               | 8.0         | 9.0        | 122                                                 | 64  | 58  | 5.1                                               | 5.7         | 4.6        |
| Poltavska                                        | 184                                               | 102 | 82  | 12.8                                              | 15.4        | 10.5       | 150                                                 | 95  | 55  | 10.4                                              | 14.3        | 7.1        |
| Rivnenska                                        | 72                                                | 42  | 30  | 6.2                                               | 7.6         | 4.9        | 70                                                  | 41  | 29  | 6.0                                               | 7.5         | 4.8        |
| Soumska                                          | 107                                               | 60  | 47  | 9.5                                               | 11.7        | 7.7        | 102                                                 | 49  | 53  | 9.1                                               | 9.6         | 8.7        |
| Ternopilska                                      | 100                                               | 62  | 38  | 9.4                                               | 12.5        | 6.7        | 86                                                  | 55  | 31  | 8.1                                               | 11.1        | 5.5        |
| Kharkivska                                       | 307                                               | 149 | 158 | 11.3                                              | 11.9        | 10.8       | 233                                                 | 112 | 121 | 8.6                                               | 8.9         | 8.3        |
| Khersonska                                       | 111                                               | 57  | 54  | 10.4                                              | 11.5        | 9.4        | 106                                                 | 54  | 52  | 9.9                                               | 10.9        | 9.1        |
| Khmelnitska                                      | 164                                               | 89  | 75  | 12.6                                              | 14.8        | 10.8       | 130                                                 | 78  | 52  | 10.0                                              | 13.0        | 7.5        |
| Cherkasska                                       | 136                                               | 83  | 53  | 10.9                                              | 14.5        | 7.8        | 124                                                 | 78  | 46  | 9.9                                               | 13.7        | 6.8        |
| Chernivetska                                     | 99                                                | 51  | 48  | 10.9                                              | 12.0        | 10.0       | 85                                                  | 46  | 39  | 9.4                                               | 10.8        | 8.1        |
| Chernigivska                                     | 116                                               | 54  | 62  | 11.1                                              | 11.4        | 10.8       | 85                                                  | 46  | 39  | 8.1                                               | 9.7         | 6.8        |
| Kyiv city                                        | 380                                               | 205 | 175 | 13.4                                              | 15.6        | 11.4       | 292                                                 | 147 | 145 | 10.3                                              | 11.2        | 9.5        |
| Sevastopol city                                  |                                                   |     |     |                                                   |             |            |                                                     |     |     |                                                   |             |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>36.4</b>                                            | <b>13.0</b> | <b>33.8</b> | <b>16.0</b>       | <b>75.2</b>                                                   | <b>179</b>                                       | <b>26.8</b>                            | <b>37.1</b>                            | <b>3.1</b>                                           | <b>14.9</b>                           | <b>16.5</b> | <b>13.6</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 43.5                                                   | 14.1        | 41.8        | 0.0               | 73.5                                                          | 4                                                | 20.0                                   | 23.1                                   | 0.6                                                  | 9.9                                   | 10.8        | 9.1         |
| Volynska                    | 42.0                                                   | 4.3         | 36.2        | 17.4              | 73.2                                                          | 4                                                | 42.0                                   | 31.6                                   | 0.0                                                  | 11.8                                  | 14.3        | 9.6         |
| Dnipropetrovska             | 39.1                                                   | 13.3        | 30.0        | 16.2              | 78.7                                                          | 6                                                | 14.7                                   | 33.3                                   | 2.2                                                  | 10.5                                  | 10.8        | 10.2        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 35.5                                                   | 2.8         | 56.1        | 5.6               | 87.0                                                          | 3                                                | 27.1                                   | 44.4                                   | 5.6                                                  | 10.3                                  | 13.5        | 7.4         |
| Zakarpatska                 | 26.7                                                   | 16.8        | 52.5        | 4.0               | 79.4                                                          | 8                                                | 17.8                                   | 42.1                                   | 0.0                                                  | 12.7                                  | 13.3        | 12.2        |
| Zaporizzka                  | 35.1                                                   | 15.5        | 42.9        | 4.8               | 76.1                                                          | 30                                               | 17.9                                   | 31.8                                   | 3.0                                                  | 15.9                                  | 16.5        | 15.4        |
| Ivano-Frankivska            | 36.4                                                   | 10.2        | 33.9        | 18.6              | 80.0                                                          | 4                                                | 22.0                                   | 25.2                                   | 0.0                                                  | 9.9                                   | 11.2        | 8.7         |
| Kyivska                     | 44.0                                                   | 13.2        | 41.2        | 0.5               | 64.8                                                          | 4                                                | 41.2                                   | 31.3                                   | 3.3                                                  | 21.6                                  | 26.5        | 17.4        |
| Kirovogradskra              | 41.2                                                   | 8.4         | 49.6        | 0.0               | 73.9                                                          | 19                                               | 31.9                                   | 36.5                                   | 1.7                                                  | 11.1                                  | 10.7        | 11.4        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 27.8                                                   | 20.9        | 23.2        | 27.8              | 71.3                                                          | 0                                                | 13.7                                   | 23.5                                   | 0.0                                                  | 15.5                                  | 17.5        | 13.7        |
| Mykolajivska                | 56.3                                                   | 12.6        | 29.4        | 0.0               | 76.5                                                          | 23                                               | 27.7                                   | 35.0                                   | 20.2                                                 | 19.6                                  | 20.8        | 18.6        |
| Odesska                     | 39.2                                                   | 29.6        | 31.2        | 0.0               | 62.7                                                          | 14                                               | 48.7                                   | 87.3                                   | 0.0                                                  | 25.6                                  | 25.7        | 25.5        |
| Poltavska                   | 37.1                                                   | 9.4         | 52.9        | 0.0               | 75.8                                                          | 5                                                | 29.4                                   | 32.1                                   | 3.5                                                  | 11.5                                  | 11.3        | 11.6        |
| Rivnenska                   | 38.2                                                   | 16.2        | 25.0        | 19.1              | 75.3                                                          | 0                                                | 33.8                                   | 23.6                                   | 1.5                                                  | 11.9                                  | 13.3        | 10.7        |
| Soumska                     | 38.9                                                   | 4.2         | 36.8        | 20.0              | 73.8                                                          | 2                                                | 37.9                                   | 28.0                                   | 5.3                                                  | 13.1                                  | 15.2        | 11.3        |
| Ternopilska                 | 38.0                                                   | 14.1        | 43.5        | 3.3               | 74.8                                                          | 5                                                | 23.9                                   | 34.0                                   | 0.0                                                  | 13.0                                  | 15.5        | 10.9        |
| Kharkivska                  | 55.6                                                   | 10.4        | 21.5        | 11.9              | 75.6                                                          | 10                                               | 36.7                                   | 31.3                                   | 5.2                                                  | 20.4                                  | 22.8        | 18.4        |
| Khersonska                  | 24.0                                                   | 6.3         | 65.6        | 1.0               | 91.9                                                          | 2                                                | 18.8                                   | 45.9                                   | 4.2                                                  | 6.1                                   | 5.9         | 6.3         |
| Khmelnitska                 | 51.9                                                   | 27.6        | 19.2        | 0.0               | 75.2                                                          | 1                                                | 22.4                                   | 33.5                                   | 1.9                                                  | 14.6                                  | 17.5        | 12.2        |
| Cherkasska                  | 24.5                                                   | 17.3        | 51.8        | 4.5               | 79.7                                                          | 11                                               | 12.7                                   | 35.3                                   | 8.2                                                  | 11.6                                  | 13.1        | 10.3        |
| Chernivetska                | 28.1                                                   | 10.1        | 34.8        | 27.0              | 78.4                                                          | 9                                                | 39.3                                   | 24.2                                   | 1.1                                                  | 18.5                                  | 20.2        | 17.1        |
| Chernigivska                | 27.2                                                   | 9.7         | 58.3        | 4.9               | 79.3                                                          | 6                                                | 16.5                                   | 23.3                                   | 2.9                                                  | 11.3                                  | 11.2        | 11.4        |
| Kyiv city                   | 11.8                                                   | 2.7         | 0.0         | 84.3              | 74.2                                                          | 9                                                | 34.7                                   | 59.7                                   | 3.9                                                  | 18.6                                  | 21.8        | 15.9        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 1967 | 1882 | 85   |
| Incidence (crude rate)                                                    |                                         |  | 5.4  | 11.2 | 0.4  |
| Incidence (age-standardized, world standard)                              |                                         |  | 3.4  | 7.8  | 0.3  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 5.1  | 11.9 | 0.4  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1183 | 1150 | 33   |
| Mortality (crude rate)                                                    |                                         |  | 3.3  | 6.8  | 0.2  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.0  | 4.7  | 0.1  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 3.1  | 7.6  | 0.1  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 27.6 | 27.9 | 21.3 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.0  | 1.0  | 1.3  |
| Microscopically verified diagnoses, %                                     |                                         |  | 93.8 | 94.0 | 88.2 |
| Diagnoses verified with histology, %                                      |                                         |  | 81.7 | 81.9 | 78.8 |
| Not specified morphology, %                                               |                                         |  | 5.1  | 5.2  | 2.7  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 15.4 | 15.2 | 18.8 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 81.5 | 81.8 | 73.8 |
| - surgical treatment only, %                                              |                                         |  | 11.3 | 11.1 | 13.8 |
| - combined or complex scheme of treatment, %                              |                                         |  | 28.3 | 28.5 | 25.0 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 1    | 0    | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|-------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>5.4</b>                                     | <b>11.2</b> | <b>0.4</b> | <b>3.4</b>                                       | <b>7.8</b> | <b>0.3</b> | <b>5.1</b>                                           | <b>11.9</b> | <b>0.4</b> | <b>3.3</b>                                     | <b>6.8</b> | <b>0.2</b> | <b>2.0</b>                                       | <b>4.7</b> | <b>0.1</b> | <b>3.1</b>                                           | <b>7.6</b> | <b>0.1</b> |  |
| AR Krym                                        |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 4.3                                            | 9.0         | 0.2        | 2.6                                              | 5.9        | 0.2        | 3.8                                                  | 8.9         | 0.2        | 2.2                                            | 4.9        | 0.0        | 1.2                                              | 3.0        | 0.0        | 2.0                                                  | 5.1        | 0.0        |  |
| Volynska                                       | 5.1                                            | 10.4        | 0.4        | 3.6                                              | 8.2        | 0.2        | 5.4                                                  | 12.7        | 0.3        | 3.5                                            | 7.4        | 0.0        | 2.6                                              | 6.1        | 0.0        | 3.8                                                  | 9.2        | 0.0        |  |
| Dnipropetrovsk                                 | 5.5                                            | 11.0        | 0.9        | 3.4                                              | 7.6        | 0.5        | 4.9                                                  | 11.2        | 0.8        | 3.4                                            | 7.2        | 0.2        | 2.0                                              | 4.9        | 0.2        | 3.0                                                  | 7.7        | 0.2        |  |
| Donetska                                       |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 4.8                                            | 9.4         | 0.9        | 3.2                                              | 6.4        | 1.0        | 4.5                                                  | 9.9         | 0.9        | 4.1                                            | 8.7        | 0.2        | 2.5                                              | 6.1        | 0.0        | 3.9                                                  | 9.6        | 0.1        |  |
| Zakarpatska                                    | 4.6                                            | 9.1         | 0.5        | 3.4                                              | 7.5        | 0.4        | 4.9                                                  | 11.2        | 0.4        | 3.3                                            | 6.5        | 0.3        | 2.4                                              | 5.6        | 0.2        | 4.1                                                  | 9.5        | 0.3        |  |
| Zaporizzka                                     | 4.6                                            | 9.8         | 0.2        | 2.8                                              | 6.6        | 0.2        | 4.0                                                  | 9.8         | 0.2        | 3.1                                            | 6.7        | 0.1        | 1.8                                              | 4.6        | 0.0        | 2.8                                                  | 7.3        | 0.1        |  |
| Ivano-Frankivska                               | 4.1                                            | 8.4         | 0.1        | 2.9                                              | 6.4        | 0.2        | 4.1                                                  | 9.6         | 0.2        | 2.3                                            | 4.8        | 0.0        | 1.4                                              | 3.5        | 0.0        | 2.3                                                  | 6.1        | 0.0        |  |
| Kyivska                                        | 5.6                                            | 11.4        | 0.5        | 3.7                                              | 8.3        | 0.3        | 5.3                                                  | 12.3        | 0.5        | 4.1                                            | 8.4        | 0.4        | 2.6                                              | 5.9        | 0.2        | 3.8                                                  | 9.1        | 0.3        |  |
| Kirovogradsk                                   | 4.5                                            | 8.9         | 0.8        | 2.7                                              | 5.9        | 0.5        | 4.0                                                  | 8.9         | 0.7        | 2.6                                            | 5.6        | 0.0        | 1.4                                              | 3.5        | 0.0        | 2.2                                                  | 5.9        | 0.0        |  |
| Louganska                                      |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 6.4                                            | 13.3        | 0.2        | 4.1                                              | 9.4        | 0.1        | 6.1                                                  | 14.6        | 0.1        | 4.1                                            | 8.4        | 0.2        | 2.4                                              | 5.8        | 0.1        | 4.0                                                  | 10.0       | 0.1        |  |
| Mykolajivska                                   | 7.2                                            | 15.2        | 0.3        | 4.6                                              | 10.8       | 0.2        | 6.5                                                  | 15.5        | 0.3        | 4.1                                            | 8.5        | 0.3        | 2.5                                              | 6.0        | 0.1        | 3.8                                                  | 8.9        | 0.2        |  |
| Odesska                                        | 5.7                                            | 11.8        | 0.4        | 3.6                                              | 8.5        | 0.2        | 5.5                                                  | 13.0        | 0.3        | 1.9                                            | 3.9        | 0.2        | 1.2                                              | 2.9        | 0.1        | 1.8                                                  | 4.2        | 0.1        |  |
| Poltavsk                                       | 6.4                                            | 13.5        | 0.4        | 3.9                                              | 9.1        | 0.2        | 5.8                                                  | 13.9        | 0.3        | 2.7                                            | 5.9        | 0.0        | 1.5                                              | 3.9        | 0.0        | 2.4                                                  | 6.4        | 0.0        |  |
| Rivnenska                                      | 3.9                                            | 8.0         | 0.2        | 3.0                                              | 6.7        | 0.2        | 4.3                                                  | 9.9         | 0.2        | 2.6                                            | 5.5        | 0.0        | 1.8                                              | 4.4        | 0.0        | 3.0                                                  | 7.7        | 0.0        |  |
| Soumska                                        | 8.0                                            | 16.1        | 1.1        | 4.7                                              | 10.3       | 0.6        | 6.9                                                  | 15.7        | 0.9        | 4.6                                            | 10.1       | 0.0        | 2.3                                              | 5.9        | 0.0        | 3.8                                                  | 10.0       | 0.0        |  |
| Ternopilska                                    | 4.6                                            | 9.6         | 0.2        | 3.0                                              | 6.9        | 0.0        | 4.4                                                  | 10.5        | 0.1        | 3.0                                            | 6.4        | 0.0        | 1.7                                              | 4.3        | 0.0        | 2.8                                                  | 7.1        | 0.0        |  |
| Kharkivska                                     | 7.2                                            | 14.6        | 0.9        | 4.3                                              | 9.9        | 0.5        | 6.4                                                  | 15.2        | 0.8        | 4.9                                            | 9.8        | 0.7        | 2.8                                              | 6.4        | 0.3        | 4.3                                                  | 10.0       | 0.6        |  |
| Khersonska                                     | 6.3                                            | 13.1        | 0.4        | 3.7                                              | 8.5        | 0.3        | 5.6                                                  | 13.6        | 0.4        | 3.7                                            | 8.1        | 0.0        | 2.2                                              | 5.5        | 0.0        | 3.5                                                  | 8.7        | 0.0        |  |
| Khmelnitska                                    | 3.9                                            | 8.3         | 0.1        | 2.5                                              | 5.8        | 0.1        | 3.7                                                  | 8.9         | 0.1        | 3.1                                            | 6.6        | 0.0        | 1.9                                              | 4.6        | 0.0        | 2.9                                                  | 7.2        | 0.0        |  |
| Cherkasska                                     | 5.6                                            | 12.0        | 0.2        | 3.2                                              | 7.4        | 0.1        | 4.7                                                  | 11.3        | 0.2        | 3.7                                            | 8.0        | 0.2        | 2.0                                              | 4.9        | 0.0        | 3.2                                                  | 8.0        | 0.1        |  |
| Chernivetska                                   | 6.1                                            | 12.7        | 0.2        | 4.2                                              | 9.8        | 0.1        | 6.2                                                  | 15.0        | 0.2        | 2.4                                            | 5.2        | 0.0        | 1.6                                              | 3.9        | 0.0        | 2.5                                                  | 6.3        | 0.0        |  |
| Chernigivska                                   | 6.1                                            | 13.3        | 0.2        | 3.4                                              | 8.2        | 0.1        | 5.1                                                  | 12.8        | 0.2        | 4.4                                            | 9.6        | 0.2        | 2.5                                              | 6.1        | 0.0        | 3.7                                                  | 9.3        | 0.1        |  |
| Kyiv city                                      | 3.7                                            | 7.7         | 0.3        | 2.3                                              | 5.5        | 0.1        | 3.5                                                  | 8.4         | 0.2        | 1.6                                            | 3.3        | 0.2        | 1.0                                              | 2.4        | 0.1        | 1.6                                                  | 3.9        | 0.2        |  |
| Sevastopol city                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |    | Crude incidence rate<br>per 100 000 of population |             |            | Number of deaths from<br>cancer registered in 2015* |    |   | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|----|---------------------------------------------------|-------------|------------|-----------------------------------------------------|----|---|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲  | ♀                                                 | ♂           | ▲          | ♀                                                   | ♂  | ▲ | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |    | <b>5.2</b>                                        | <b>10.6</b> | <b>0.5</b> |                                                     |    |   | <b>3.1</b>                                        | <b>6.4</b> | <b>0.2</b> |
| AR Krym                                          |                                                   |     |    |                                                   |             |            |                                                     |    |   |                                                   |            |            |
| Vinnytska                                        | 69                                                | 69  | 0  | 4.3                                               | 9.3         | 0.0        | 39                                                  | 39 | 0 | 2.4                                               | 5.3        | 0.0        |
| Volynska                                         | 59                                                | 58  | 1  | 5.7                                               | 11.8        | 0.2        | 37                                                  | 37 | 0 | 3.6                                               | 7.6        | 0.0        |
| Dnipropetrovska                                  | 165                                               | 155 | 10 | 5.0                                               | 10.4        | 0.6        | 97                                                  | 92 | 5 | 3.0                                               | 6.2        | 0.3        |
| Donetska                                         |                                                   |     |    |                                                   |             |            |                                                     |    |   |                                                   |            |            |
| Zhytomyrska                                      | 88                                                | 82  | 6  | 7.0                                               | 14.1        | 0.9        | 53                                                  | 49 | 4 | 4.2                                               | 8.4        | 0.6        |
| Zakarpatska                                      | 54                                                | 52  | 2  | 4.3                                               | 8.6         | 0.3        | 35                                                  | 34 | 1 | 2.8                                               | 5.6        | 0.2        |
| Zaporizzka                                       | 83                                                | 77  | 6  | 4.7                                               | 9.6         | 0.6        | 41                                                  | 39 | 2 | 2.3                                               | 4.8        | 0.2        |
| Ivano-Frankivska                                 | 65                                                | 61  | 4  | 4.7                                               | 9.4         | 0.6        | 40                                                  | 40 | 0 | 2.9                                               | 6.1        | 0.0        |
| Kyivska                                          | 91                                                | 87  | 4  | 5.3                                               | 10.9        | 0.4        | 64                                                  | 61 | 3 | 3.7                                               | 7.7        | 0.3        |
| Kirovogradskra                                   | 54                                                | 50  | 4  | 5.5                                               | 11.2        | 0.8        | 31                                                  | 30 | 1 | 3.2                                               | 6.7        | 0.2        |
| Louganska                                        |                                                   |     |    |                                                   |             |            |                                                     |    |   |                                                   |            |            |
| Lvivska                                          | 141                                               | 136 | 5  | 5.6                                               | 11.4        | 0.4        | 81                                                  | 81 | 0 | 3.2                                               | 6.8        | 0.0        |
| Mykolajivska                                     | 84                                                | 81  | 3  | 7.2                                               | 15.1        | 0.5        | 52                                                  | 52 | 0 | 4.5                                               | 9.7        | 0.0        |
| Odesska                                          | 111                                               | 107 | 4  | 4.7                                               | 9.6         | 0.3        | 41                                                  | 38 | 3 | 1.7                                               | 3.4        | 0.2        |
| Poltavska                                        | 85                                                | 81  | 4  | 5.9                                               | 12.2        | 0.5        | 59                                                  | 58 | 1 | 4.1                                               | 8.8        | 0.1        |
| Rivnenska                                        | 36                                                | 34  | 2  | 3.1                                               | 6.2         | 0.3        | 24                                                  | 23 | 1 | 2.1                                               | 4.2        | 0.2        |
| Soumska                                          | 67                                                | 66  | 1  | 6.0                                               | 12.9        | 0.2        | 38                                                  | 38 | 0 | 3.4                                               | 7.4        | 0.0        |
| Ternopilska                                      | 64                                                | 64  | 0  | 6.0                                               | 12.9        | 0.0        | 36                                                  | 36 | 0 | 3.4                                               | 7.2        | 0.0        |
| Kharkivska                                       | 149                                               | 127 | 22 | 5.5                                               | 10.1        | 1.5        | 100                                                 | 94 | 6 | 3.7                                               | 7.5        | 0.4        |
| Khersonska                                       | 68                                                | 65  | 3  | 6.4                                               | 13.2        | 0.5        | 51                                                  | 49 | 2 | 4.8                                               | 9.9        | 0.4        |
| Khmelnitska                                      | 75                                                | 74  | 1  | 5.8                                               | 12.3        | 0.1        | 37                                                  | 37 | 0 | 2.9                                               | 6.2        | 0.0        |
| Cherkasska                                       | 68                                                | 65  | 3  | 5.5                                               | 11.4        | 0.4        | 36                                                  | 36 | 0 | 2.9                                               | 6.3        | 0.0        |
| Chernivetska                                     | 46                                                | 43  | 3  | 5.1                                               | 10.1        | 0.6        | 23                                                  | 22 | 1 | 2.5                                               | 5.2        | 0.2        |
| Chernigivska                                     | 60                                                | 58  | 2  | 5.7                                               | 12.2        | 0.4        | 50                                                  | 50 | 0 | 4.8                                               | 10.5       | 0.0        |
| Kyiv city                                        | 90                                                | 83  | 7  | 3.2                                               | 6.3         | 0.5        | 48                                                  | 47 | 1 | 1.7                                               | 3.6        | 0.1        |
| Sebastopol city                                  |                                                   |     |    |                                                   |             |            |                                                     |    |   |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |            |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲          |
| <b>Ukraine</b>              | <b>38.4</b>                                            | <b>48.6</b> | <b>10.3</b> | <b>2.5</b>        | <b>27.6</b>                                                   | <b>19</b>                                        | <b>79.0</b>                            | <b>94.7</b>                            | <b>15.4</b>                                          | <b>35.7</b>                           | <b>70.8</b> | <b>5.3</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Vinnytska                   | 38.5                                                   | 52.3        | 9.2         | 0.0               | 18.8                                                          | 0                                                | 78.5                                   | 92.8                                   | 18.5                                                 | 35.6                                  | 71.9        | 4.5        |
| Volynska                    | 29.6                                                   | 61.1        | 7.4         | 1.9               | 24.5                                                          | 1                                                | 88.9                                   | 98.3                                   | 1.9                                                  | 31.9                                  | 64.2        | 3.1        |
| Dnipropetrovska             | 32.7                                                   | 47.2        | 10.7        | 9.4               | 28.2                                                          | 0                                                | 71.7                                   | 91.5                                   | 15.7                                                 | 36.8                                  | 73.5        | 5.9        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Zhytomyrska                 | 40.5                                                   | 51.2        | 8.3         | 0.0               | 41.0                                                          | 0                                                | 77.4                                   | 98.9                                   | 16.7                                                 | 31.8                                  | 63.1        | 4.6        |
| Zakarpatska                 | 18.0                                                   | 70.0        | 10.0        | 2.0               | 24.1                                                          | 0                                                | 84.0                                   | 100.0                                  | 0.0                                                  | 28.7                                  | 54.4        | 4.9        |
| Zaporizzka                  | 35.9                                                   | 46.2        | 15.4        | 2.6               | 29.5                                                          | 2                                                | 61.5                                   | 95.2                                   | 11.5                                                 | 35.8                                  | 72.1        | 5.3        |
| Ivano-Frankivska            | 30.2                                                   | 60.3        | 7.9         | 1.6               | 14.8                                                          | 0                                                | 79.4                                   | 96.9                                   | 31.7                                                 | 31.0                                  | 60.9        | 4.1        |
| Kyivska                     | 29.9                                                   | 46.0        | 21.8        | 1.1               | 36.2                                                          | 0                                                | 79.3                                   | 91.2                                   | 10.3                                                 | 39.3                                  | 78.5        | 5.6        |
| Kirovogradskra              | 46.9                                                   | 32.7        | 20.4        | 0.0               | 25.0                                                          | 0                                                | 85.7                                   | 92.6                                   | 8.2                                                  | 35.3                                  | 69.7        | 6.1        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |
| Lvivska                     | 38.5                                                   | 45.4        | 13.8        | 2.3               | 32.9                                                          | 1                                                | 85.4                                   | 93.6                                   | 3.1                                                  | 47.6                                  | 94.2        | 5.6        |
| Mykolajivska                | 32.9                                                   | 63.0        | 4.1         | 0.0               | 33.8                                                          | 1                                                | 64.4                                   | 96.4                                   | 24.7                                                 | 43.3                                  | 86.8        | 5.9        |
| Odesska                     | 54.7                                                   | 31.1        | 12.3        | 1.9               | 13.5                                                          | 1                                                | 83.0                                   | 100.0                                  | 5.7                                                  | 45.3                                  | 88.4        | 7.0        |
| Poltavska                   | 28.9                                                   | 66.3        | 3.6         | 0.0               | 26.4                                                          | 0                                                | 85.5                                   | 94.1                                   | 14.5                                                 | 38.4                                  | 77.4        | 5.1        |
| Rivnenska                   | 48.6                                                   | 37.1        | 8.6         | 5.7               | 23.3                                                          | 1                                                | 74.3                                   | 88.9                                   | 20.0                                                 | 24.8                                  | 49.2        | 2.8        |
| Soumska                     | 43.1                                                   | 53.4        | 1.7         | 1.7               | 30.2                                                          | 1                                                | 96.6                                   | 97.0                                   | 27.6                                                 | 36.7                                  | 73.7        | 5.4        |
| Ternopilska                 | 34.4                                                   | 60.7        | 3.3         | 1.6               | 20.8                                                          | 0                                                | 91.8                                   | 100.0                                  | 26.2                                                 | 41.1                                  | 83.6        | 3.9        |
| Kharkivska                  | 40.3                                                   | 40.3        | 16.5        | 2.9               | 38.1                                                          | 1                                                | 69.8                                   | 87.2                                   | 16.5                                                 | 34.8                                  | 65.8        | 8.2        |
| Khersonska                  | 43.3                                                   | 45.0        | 11.7        | 0.0               | 29.5                                                          | 1                                                | 83.3                                   | 98.5                                   | 6.7                                                  | 31.9                                  | 62.7        | 5.2        |
| Khmelnitska                 | 56.3                                                   | 43.7        | 0.0         | 0.0               | 20.0                                                          | 0                                                | 85.9                                   | 92.0                                   | 8.5                                                  | 29.6                                  | 58.0        | 5.0        |
| Cherkasska                  | 43.5                                                   | 40.3        | 16.1        | 0.0               | 15.6                                                          | 0                                                | 75.8                                   | 91.2                                   | 12.9                                                 | 35.6                                  | 72.8        | 4.1        |
| Chernivetska                | 51.1                                                   | 42.2        | 2.2         | 4.4               | 21.2                                                          | 1                                                | 75.6                                   | 95.7                                   | 31.1                                                 | 37.8                                  | 73.0        | 6.7        |
| Chernigivska                | 33.3                                                   | 55.6        | 11.1        | 0.0               | 36.5                                                          | 4                                                | 77.8                                   | 96.7                                   | 13.0                                                 | 33.8                                  | 68.6        | 4.9        |
| Kyiv city                   | 37.5                                                   | 46.3        | 5.0         | 10.0              | 23.7                                                          | 4                                                | 81.3                                   | 97.8                                   | 42.5                                                 | 25.5                                  | 50.5        | 4.0        |
| Sebastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |            |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |       |       |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|-------|-------|------|
| Incidence: number of new cases*                                           |                                         |  | 13328 | 10866 | 2462 |
| Incidence (crude rate)                                                    |                                         |  | 36.7  | 64.5  | 12.6 |
| Incidence (age-standardized, world standard)                              |                                         |  | 21.3  | 43.9  | 6.2  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 34.3  | 72.5  | 10.2 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |       |       |      |
| Mortality: number of new cases*                                           |                                         |  | 10518 | 8736  | 1782 |
| Mortality (crude rate)                                                    |                                         |  | 29.0  | 51.8  | 9.2  |
| Mortality (age-standardized, world standard)                              |                                         |  | 16.5  | 35.0  | 4.4  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 27.1  | 58.7  | 7.2  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 62.8  | 65.0  | 53.0 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 2.7   | 2.5   | 3.4  |
| Microscopically verified diagnoses, %                                     |                                         |  | 61.8  | 62.6  | 58.2 |
| Diagnoses verified with histology, %                                      |                                         |  | 41.7  | 41.9  | 40.9 |
| Not specified morphology, %                                               |                                         |  | 14.4  | 14.4  | 14.9 |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 16.7  | 16.7  | 16.8 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 42.5  | 42.7  | 41.6 |
| - surgical treatment only, %                                              |                                         |  | 7.1   | 6.8   | 8.7  |
| - combined or complex scheme of treatment, %                              |                                         |  | 6.3   | 6.0   | 7.2  |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 3     | 1     | 2    |
|                                                                           | rate per 100 000 of children population |  | 0.0   | 0.0   | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 1     | 1     | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0   | 0.0   | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |             | Age-standardized incidence rate (world standard) |             |            | Age-standardized incidence rate (Ukrainian standard) |             |             | Crude mortality rate per 100 000 of population |             |            | Age-standardized mortality rate (world standard) |             |            | Age-standardized mortality rate (Ukrainian standard) |             |            |
|------------------------------------------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|-------------|------------|------------------------------------------------------|-------------|-------------|------------------------------------------------|-------------|------------|--------------------------------------------------|-------------|------------|------------------------------------------------------|-------------|------------|
|                                                |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |            |                                                  |             |            |                                                      |             |            |
| <b>Ukraine</b>                                 | <b>36.7</b>                                    | <b>64.5</b> | <b>12.6</b> | <b>21.3</b>                                      | <b>43.9</b> | <b>6.2</b> | <b>34.3</b>                                          | <b>72.5</b> | <b>10.2</b> | <b>29.0</b>                                    | <b>51.8</b> | <b>9.2</b> | <b>16.5</b>                                      | <b>35.0</b> | <b>4.4</b> | <b>27.1</b>                                          | <b>58.7</b> | <b>7.2</b> |
| AR Krym                                        |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |            |                                                  |             |            |                                                      |             |            |
| Vinnytska                                      | 36.2                                           | 62.3        | 13.9        | 20.7                                             | 40.8        | 6.8        | 32.5                                                 | 65.7        | 10.8        | 28.3                                           | 51.6        | 8.4        | 15.8                                             | 33.8        | 3.4        | 25.4                                                 | 55.1        | 6.0        |
| Volynska                                       | 20.7                                           | 38.8        | 4.6         | 14.4                                             | 31.6        | 2.7        | 23.3                                                 | 52.9        | 4.5         | 18.6                                           | 36.2        | 2.9        | 12.7                                             | 29.0        | 1.6        | 20.8                                                 | 49.0        | 2.7        |
| Dnipropetrovska                                | 41.4                                           | 76.1        | 12.2        | 23.1                                             | 50.7        | 5.7        | 37.3                                                 | 83.7        | 9.3         | 35.9                                           | 66.3        | 10.2       | 19.6                                             | 43.5        | 4.8        | 32.2                                                 | 73.3        | 7.9        |
| Donetska                                       |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |            |                                                  |             |            |                                                      |             |            |
| Zhytomyrska                                    | 29.1                                           | 52.7        | 8.7         | 17.2                                             | 36.1        | 4.3        | 27.2                                                 | 58.5        | 6.9         | 23.8                                           | 43.2        | 6.9        | 13.8                                             | 29.3        | 3.3        | 22.0                                                 | 48.0        | 5.5        |
| Zakarpatska                                    | 31.0                                           | 56.2        | 7.8         | 22.3                                             | 45.9        | 4.8        | 35.0                                                 | 73.1        | 8.0         | 24.8                                           | 44.9        | 6.3        | 18.0                                             | 36.8        | 4.2        | 27.9                                                 | 58.7        | 6.2        |
| Zaporizzka                                     | 49.8                                           | 87.3        | 18.3        | 26.5                                             | 55.7        | 8.1        | 43.5                                                 | 93.7        | 13.5        | 40.8                                           | 73.6        | 13.3       | 21.0                                             | 46.1        | 5.3        | 35.4                                                 | 79.1        | 9.4        |
| Ivano-Frankivska                               | 30.7                                           | 56.9        | 7.3         | 19.6                                             | 42.0        | 4.0        | 31.9                                                 | 70.0        | 6.8         | 24.7                                           | 46.4        | 5.2        | 15.5                                             | 34.5        | 2.6        | 25.8                                                 | 58.7        | 4.6        |
| Kyivska                                        | 32.9                                           | 57.9        | 11.3        | 18.9                                             | 39.6        | 5.4        | 30.4                                                 | 65.6        | 8.9         | 27.0                                           | 50.3        | 7.0        | 15.4                                             | 34.2        | 3.1        | 24.9                                                 | 56.3        | 5.4        |
| Kirovogradksa                                  | 51.4                                           | 88.9        | 19.6        | 26.8                                             | 54.3        | 8.8        | 43.7                                                 | 90.8        | 14.4        | 38.2                                           | 69.6        | 11.7       | 20.1                                             | 42.9        | 5.3        | 32.8                                                 | 71.8        | 8.6        |
| Louganska                                      |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |            |                                                  |             |            |                                                      |             |            |
| Lvivska                                        | 33.1                                           | 61.1        | 7.8         | 20.1                                             | 43.9        | 3.9        | 32.9                                                 | 73.5        | 6.3         | 24.1                                           | 44.3        | 6.0        | 14.8                                             | 32.0        | 2.9        | 24.3                                                 | 54.0        | 4.9        |
| Mykolajivska                                   | 49.7                                           | 85.8        | 18.6        | 28.3                                             | 58.2        | 8.5        | 44.9                                                 | 93.5        | 14.1        | 33.2                                           | 56.9        | 12.9       | 18.8                                             | 38.3        | 5.9        | 30.2                                                 | 62.3        | 10.0       |
| Odesska                                        | 36.0                                           | 61.8        | 13.2        | 21.6                                             | 43.3        | 7.1        | 34.8                                                 | 71.2        | 11.4        | 23.7                                           | 40.9        | 8.5        | 13.8                                             | 28.3        | 4.2        | 22.7                                                 | 47.8        | 7.1        |
| Poltavsk                                       | 40.5                                           | 74.4        | 11.6        | 21.8                                             | 47.0        | 5.4        | 35.1                                                 | 77.4        | 8.6         | 34.2                                           | 60.8        | 11.6       | 17.6                                             | 37.2        | 4.9        | 28.9                                                 | 62.6        | 8.2        |
| Rivnenska                                      | 23.5                                           | 40.4        | 8.2         | 16.4                                             | 33.0        | 4.8        | 26.0                                                 | 53.6        | 7.7         | 16.9                                           | 29.1        | 5.9        | 12.1                                             | 24.6        | 3.5        | 19.2                                                 | 39.9        | 5.4        |
| Soumska                                        | 42.7                                           | 74.9        | 15.6        | 22.3                                             | 45.9        | 6.3        | 36.4                                                 | 76.0        | 11.0        | 35.3                                           | 65.0        | 10.3       | 18.7                                             | 39.9        | 4.6        | 30.4                                                 | 67.3        | 7.3        |
| Ternopilska                                    | 34.3                                           | 63.4        | 8.9         | 20.3                                             | 43.3        | 4.5        | 32.5                                                 | 71.9        | 7.1         | 29.5                                           | 55.6        | 6.8        | 17.6                                             | 38.6        | 3.2        | 28.7                                                 | 64.8        | 5.3        |
| Kharkivska                                     | 41.2                                           | 68.4        | 17.8        | 22.7                                             | 44.8        | 8.7        | 36.6                                                 | 74.5        | 13.7        | 32.3                                           | 54.6        | 13.1       | 17.8                                             | 35.6        | 6.5        | 28.6                                                 | 59.2        | 10.1       |
| Khersonska                                     | 42.9                                           | 74.8        | 15.3        | 25.6                                             | 52.0        | 7.9        | 39.7                                                 | 82.2        | 12.4        | 36.3                                           | 66.5        | 10.3       | 21.3                                             | 45.5        | 5.2        | 33.8                                                 | 74.0        | 8.3        |
| Khmelnitska                                    | 38.9                                           | 67.9        | 13.9        | 21.5                                             | 44.1        | 6.4        | 35.2                                                 | 74.3        | 10.6        | 28.8                                           | 52.7        | 8.3        | 16.0                                             | 34.4        | 3.4        | 26.0                                                 | 57.0        | 5.8        |
| Cherkasska                                     | 37.8                                           | 64.2        | 15.5        | 20.4                                             | 39.3        | 7.6        | 32.1                                                 | 63.3        | 11.7        | 29.5                                           | 51.0        | 11.4       | 15.5                                             | 30.5        | 5.4        | 24.9                                                 | 50.5        | 8.6        |
| Chernivetska                                   | 31.3                                           | 52.7        | 12.3        | 19.1                                             | 38.6        | 5.9        | 32.0                                                 | 65.4        | 10.3        | 25.0                                           | 41.4        | 10.4       | 14.5                                             | 29.5        | 4.8        | 25.4                                                 | 53.0        | 8.4        |
| Chernigivska                                   | 40.3                                           | 72.3        | 13.7        | 21.3                                             | 43.8        | 6.8        | 33.8                                                 | 72.0        | 10.4        | 31.8                                           | 59.2        | 9.2        | 16.1                                             | 34.8        | 4.4        | 26.2                                                 | 58.9        | 6.7        |
| Kyiv city                                      | 27.7                                           | 45.8        | 12.2        | 16.7                                             | 32.1        | 6.4        | 27.8                                                 | 54.4        | 10.7        | 22.3                                           | 37.2        | 9.4        | 13.1                                             | 25.8        | 4.7        | 22.3                                                 | 44.5        | 8.2        |
| Sevastopol city                                |                                                |             |             |                                                  |             |            |                                                      |             |             |                                                |             |            |                                                  |             |            |                                                      |             |            |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |      |     | Crude incidence rate<br>per 100 000 of population |             |             | Number of deaths from<br>cancer registered in 2015* |     |     | Crude mortality rate<br>per 100 000 of population |             |            |
|--------------------------------------------------|---------------------------------------------------|------|-----|---------------------------------------------------|-------------|-------------|-----------------------------------------------------|-----|-----|---------------------------------------------------|-------------|------------|
|                                                  | ♀                                                 | ♂    | ▲   | ♀                                                 | ♂           | ▲           | ♀                                                   | ♂   | ▲   | ♀                                                 | ♂           | ▲          |
| <b>Ukraine</b>                                   |                                                   |      |     | <b>33.0</b>                                       | <b>57.2</b> | <b>12.1</b> |                                                     |     |     | <b>26.8</b>                                       | <b>47.9</b> | <b>8.5</b> |
| AR Krym                                          |                                                   |      |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |
| Vinnytska                                        | 543                                               | 419  | 124 | 33.9                                              | 56.7        | 14.4        | 486                                                 | 402 | 84  | 30.3                                              | 54.4        | 9.7        |
| Volynska                                         | 198                                               | 162  | 36  | 19.0                                              | 33.0        | 6.6         | 194                                                 | 164 | 30  | 18.7                                              | 33.5        | 5.5        |
| Dnipropetrovska                                  | 1257                                              | 1034 | 223 | 38.4                                              | 69.1        | 12.6        | 1036                                                | 880 | 156 | 31.7                                              | 58.8        | 8.8        |
| Donetska                                         |                                                   |      |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |
| Zhytomyrska                                      | 330                                               | 274  | 56  | 26.3                                              | 47.0        | 8.3         | 277                                                 | 235 | 42  | 22.0                                              | 40.3        | 6.2        |
| Zakarpatska                                      | 283                                               | 231  | 52  | 22.5                                              | 38.3        | 8.0         | 251                                                 | 216 | 35  | 20.0                                              | 35.8        | 5.4        |
| Zaporizzka                                       | 793                                               | 642  | 151 | 44.9                                              | 79.7        | 15.7        | 655                                                 | 533 | 122 | 37.1                                              | 66.1        | 12.7       |
| Ivano-Frankivska                                 | 396                                               | 337  | 59  | 28.7                                              | 51.7        | 8.1         | 355                                                 | 303 | 52  | 25.7                                              | 46.5        | 7.1        |
| Kyivska                                          | 575                                               | 468  | 107 | 33.4                                              | 58.7        | 11.6        | 407                                                 | 336 | 71  | 23.6                                              | 42.2        | 7.7        |
| Kirovogradksa                                    | 452                                               | 369  | 83  | 46.4                                              | 82.4        | 15.8        | 347                                                 | 294 | 53  | 35.6                                              | 65.7        | 10.1       |
| Louganska                                        |                                                   |      |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |
| Lvivska                                          | 726                                               | 607  | 119 | 28.8                                              | 50.9        | 9.0         | 587                                                 | 518 | 69  | 23.3                                              | 43.4        | 5.2        |
| Mykolajivska                                     | 499                                               | 389  | 110 | 42.9                                              | 72.3        | 17.6        | 362                                                 | 301 | 61  | 31.1                                              | 55.9        | 9.8        |
| Odesska                                          | 645                                               | 523  | 122 | 27.0                                              | 46.7        | 9.7         | 394                                                 | 316 | 78  | 16.5                                              | 28.2        | 6.2        |
| Poltavska                                        | 565                                               | 445  | 120 | 39.2                                              | 67.1        | 15.4        | 493                                                 | 408 | 85  | 34.2                                              | 61.6        | 10.9       |
| Rivnenska                                        | 224                                               | 194  | 30  | 19.3                                              | 35.3        | 4.9         | 208                                                 | 185 | 23  | 17.9                                              | 33.6        | 3.8        |
| Soumska                                          | 465                                               | 368  | 97  | 41.5                                              | 71.8        | 15.9        | 366                                                 | 304 | 62  | 32.6                                              | 59.3        | 10.2       |
| Ternopilska                                      | 351                                               | 304  | 47  | 32.9                                              | 61.1        | 8.3         | 314                                                 | 272 | 42  | 29.4                                              | 54.7        | 7.4        |
| Kharkivska                                       | 986                                               | 747  | 239 | 36.3                                              | 59.5        | 16.4        | 738                                                 | 580 | 158 | 27.2                                              | 46.2        | 10.8       |
| Khersonska                                       | 476                                               | 384  | 92  | 44.6                                              | 77.7        | 16.1        | 407                                                 | 338 | 69  | 38.2                                              | 68.4        | 12.1       |
| Khmelnitska                                      | 462                                               | 374  | 88  | 35.6                                              | 62.2        | 12.6        | 379                                                 | 323 | 56  | 29.2                                              | 53.7        | 8.0        |
| Cherkasska                                       | 411                                               | 324  | 87  | 32.9                                              | 56.7        | 12.9        | 348                                                 | 283 | 65  | 27.9                                              | 49.5        | 9.6        |
| Chernivetska                                     | 264                                               | 205  | 59  | 29.1                                              | 48.1        | 12.3        | 241                                                 | 194 | 47  | 26.6                                              | 45.5        | 9.8        |
| Chernigivska                                     | 341                                               | 288  | 53  | 32.6                                              | 60.6        | 9.3         | 298                                                 | 242 | 56  | 28.5                                              | 50.9        | 9.8        |
| Kyiv city                                        | 719                                               | 531  | 188 | 25.3                                              | 40.4        | 12.3        | 573                                                 | 429 | 144 | 20.1                                              | 32.6        | 9.4        |
| Sevastopol city                                  |                                                   |      |     |                                                   |             |             |                                                     |     |     |                                                   |             |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |              |             |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|--------------|-------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂            | ▲           |
| <b>Ukraine</b>              | <b>24.4</b>                                            | <b>37.6</b> | <b>32.1</b> | <b>4.4</b>        | <b>62.8</b>                                                   | <b>339</b>                                       | <b>41.2</b>                            | <b>60.5</b>                            | <b>19.1</b>                                          | <b>78.0</b>                           | <b>123.1</b> | <b>38.9</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |             |
| Vinnytska                   | 36.9                                                   | 30.8        | 29.2        | 0.0               | 59.8                                                          | 4                                                | 38.1                                   | 61.5                                   | 15.1                                                 | 63.7                                  | 96.9         | 35.2        |
| Volynska                    | 17.7                                                   | 38.7        | 33.9        | 9.1               | 75.2                                                          | 8                                                | 38.2                                   | 62.6                                   | 9.1                                                  | 42.0                                  | 71.6         | 15.6        |
| Dnipropetrovska             | 21.4                                                   | 32.4        | 29.1        | 12.8              | 65.1                                                          | 15                                               | 34.4                                   | 60.5                                   | 16.0                                                 | 64.2                                  | 103.1        | 31.5        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |             |
| Zhytomyrska                 | 20.3                                                   | 37.9        | 37.6        | 2.9               | 63.0                                                          | 2                                                | 42.8                                   | 76.4                                   | 21.9                                                 | 59.1                                  | 96.5         | 26.7        |
| Zakarpatska                 | 15.7                                                   | 29.8        | 52.5        | 1.6               | 70.4                                                          | 25                                               | 30.6                                   | 70.7                                   | 3.1                                                  | 54.9                                  | 87.2         | 25.1        |
| Zaporizzka                  | 21.2                                                   | 41.5        | 34.4        | 1.3               | 63.5                                                          | 46                                               | 31.1                                   | 53.3                                   | 21.9                                                 | 112.8                                 | 186.1        | 51.2        |
| Ivano-Frankivska            | 12.6                                                   | 43.8        | 41.0        | 1.8               | 64.4                                                          | 6                                                | 35.3                                   | 53.8                                   | 10.3                                                 | 44.6                                  | 73.8         | 18.4        |
| Kyivska                     | 25.2                                                   | 34.0        | 39.1        | 0.4               | 58.4                                                          | 5                                                | 45.9                                   | 54.3                                   | 17.1                                                 | 92.9                                  | 145.0        | 48.0        |
| Kirovogradksa               | 23.5                                                   | 35.8        | 39.7        | 0.5               | 64.0                                                          | 31                                               | 43.9                                   | 59.1                                   | 21.6                                                 | 68.2                                  | 107.9        | 34.4        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |             |
| Lvivska                     | 29.5                                                   | 44.0        | 21.2        | 3.9               | 63.3                                                          | 3                                                | 47.8                                   | 65.0                                   | 24.6                                                 | 62.6                                  | 105.6        | 24.0        |
| Mykolajivska                | 25.1                                                   | 47.4        | 26.8        | 0.2               | 62.9                                                          | 26                                               | 36.2                                   | 52.9                                   | 38.5                                                 | 104.2                                 | 163.0        | 53.7        |
| Odesska                     | 36.8                                                   | 41.9        | 19.5        | 0.7               | 48.4                                                          | 18                                               | 53.4                                   | 91.3                                   | 11.6                                                 | 132.9                                 | 211.7        | 63.2        |
| Poltavska                   | 20.2                                                   | 33.0        | 46.3        | 0.0               | 67.4                                                          | 6                                                | 44.8                                   | 57.2                                   | 20.3                                                 | 65.9                                  | 103.7        | 33.7        |
| Rivnenska                   | 27.5                                                   | 32.6        | 32.1        | 7.3               | 55.2                                                          | 0                                                | 53.2                                   | 35.7                                   | 19.3                                                 | 54.6                                  | 84.3         | 27.7        |
| Soumska                     | 37.5                                                   | 31.5        | 22.8        | 7.6               | 49.9                                                          | 0                                                | 48.7                                   | 52.0                                   | 20.0                                                 | 101.8                                 | 150.1        | 61.0        |
| Ternopilska                 | 18.2                                                   | 51.1        | 29.8        | 0.0               | 58.5                                                          | 11                                               | 41.3                                   | 50.7                                   | 22.8                                                 | 82.7                                  | 135.0        | 36.9        |
| Kharkivska                  | 35.9                                                   | 34.1        | 24.9        | 4.5               | 65.0                                                          | 18                                               | 35.0                                   | 45.0                                   | 39.4                                                 | 112.5                                 | 166.8        | 65.7        |
| Khersonska                  | 7.4                                                    | 32.1        | 57.3        | 0.7               | 71.4                                                          | 11                                               | 44.3                                   | 75.4                                   | 16.4                                                 | 68.8                                  | 109.7        | 33.6        |
| Khmelnitska                 | 33.6                                                   | 50.3        | 14.4        | 0.5               | 62.4                                                          | 1                                                | 37.5                                   | 45.7                                   | 14.2                                                 | 68.3                                  | 105.4        | 36.3        |
| Cherkasska                  | 24.3                                                   | 32.3        | 42.0        | 0.8               | 64.2                                                          | 26                                               | 38.7                                   | 68.1                                   | 22.4                                                 | 71.9                                  | 113.3        | 36.9        |
| Chernivetska                | 8.7                                                    | 41.7        | 38.2        | 11.0              | 63.6                                                          | 14                                               | 37.4                                   | 47.0                                   | 11.0                                                 | 85.6                                  | 136.6        | 40.4        |
| Chernigivska                | 19.0                                                   | 45.8        | 32.0        | 3.3               | 68.1                                                          | 13                                               | 46.4                                   | 71.3                                   | 6.9                                                  | 77.7                                  | 126.5        | 37.2        |
| Kyiv city                   | 14.7                                                   | 32.3        | 28.9        | 21.2              | 68.3                                                          | 50                                               | 52.3                                   | 75.7                                   | 5.1                                                  | 59.3                                  | 91.0         | 32.2        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 384  | 225  | 159  |
| Incidence (crude rate)                                                    |                                         |  | 1.1  | 1.3  | 0.8  |
| Incidence (age-standardized, world standard)                              |                                         |  | 0.9  | 1.2  | 0.7  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 1.1  | 1.4  | 0.8  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 216  | 114  | 102  |
| Mortality (crude rate)                                                    |                                         |  | 0.6  | 0.7  | 0.5  |
| Mortality (age-standardized, world standard)                              |                                         |  | 0.5  | 0.6  | 0.4  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 0.6  | 0.7  | 0.5  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 33.3 | 32.0 | 35.3 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.1  | 1.8  | 0.0  |
| Microscopically verified diagnoses, %                                     |                                         |  | 82.3 | 83.6 | 80.5 |
| Diagnoses verified with histology, %                                      |                                         |  | 76.8 | 78.7 | 74.2 |
| Not specified morphology, %                                               |                                         |  | 5.4  | 6.4  | 3.9  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 8.6  | 9.3  | 7.5  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 64.0 | 65.3 | 62.1 |
| - surgical treatment only, %                                              |                                         |  | 19.9 | 20.5 | 19.0 |
| - combined or complex scheme of treatment, %                              |                                         |  | 21.2 | 21.9 | 20.3 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 58   | 31   | 27   |
|                                                                           | rate per 100 000 of children population |  | 0.8  | 0.9  | 0.8  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 13   | 6    | 7    |
|                                                                           | rate per 100 000 of children population |  | 0.2  | 0.1  | 0.2  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>1.1</b>                                     | <b>1.3</b> | <b>0.8</b> | <b>0.9</b>                                       | <b>1.2</b> | <b>0.7</b> | <b>1.1</b>                                           | <b>1.4</b> | <b>0.8</b> | <b>0.6</b>                                     | <b>0.7</b> | <b>0.5</b> | <b>0.5</b>                                       | <b>0.6</b> | <b>0.4</b> | <b>0.6</b>                                           | <b>0.7</b> | <b>0.5</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 0.7                                            | 1.5        | 0.1        | 0.6                                              | 1.2        | 0.1        | 0.8                                                  | 1.6        | 0.1        | 0.5                                            | 0.5        | 0.5        | 0.5                                              | 0.7        | 0.4        | 0.6                                                  | 0.6        | 0.5        |  |
| Volynska                                       | 1.0                                            | 1.4        | 0.6        | 1.0                                              | 1.6        | 0.4        | 1.0                                                  | 1.4        | 0.5        | 0.2                                            | 0.4        | 0.0        | 0.2                                              | 0.4        | 0.0        | 0.2                                                  | 0.6        | 0.0        |  |
| Dnipropetrovsk                                 | 1.1                                            | 1.3        | 1.0        | 0.8                                              | 1.0        | 0.6        | 1.0                                                  | 1.3        | 0.8        | 0.7                                            | 0.7        | 0.6        | 0.4                                              | 0.6        | 0.3        | 0.6                                                  | 0.8        | 0.5        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 0.9                                            | 1.4        | 0.4        | 0.8                                              | 1.2        | 0.3        | 0.9                                                  | 1.3        | 0.4        | 0.3                                            | 0.3        | 0.3        | 0.2                                              | 0.3        | 0.2        | 0.3                                                  | 0.4        | 0.3        |  |
| Zakarpatska                                    | 0.9                                            | 1.2        | 0.6        | 0.9                                              | 1.2        | 0.6        | 1.0                                                  | 1.3        | 0.7        | 0.4                                            | 0.8        | 0.0        | 0.4                                              | 0.8        | 0.0        | 0.4                                                  | 0.9        | 0.0        |  |
| Zaporizzka                                     | 1.3                                            | 1.9        | 0.8        | 1.1                                              | 1.7        | 0.6        | 1.3                                                  | 2.0        | 0.7        | 0.2                                            | 0.3        | 0.2        | 0.2                                              | 0.2        | 0.2        | 0.2                                                  | 0.3        | 0.2        |  |
| Ivano-Frankivska                               | 0.8                                            | 0.8        | 0.8        | 0.7                                              | 0.7        | 0.8        | 0.8                                                  | 0.9        | 0.8        | 0.5                                            | 0.5        | 0.6        | 0.3                                              | 0.4        | 0.3        | 0.5                                                  | 0.6        | 0.5        |  |
| Kyivska                                        | 1.2                                            | 1.8        | 0.8        | 1.0                                              | 1.3        | 0.8        | 1.2                                                  | 1.7        | 0.9        | 0.8                                            | 0.9        | 0.8        | 0.6                                              | 0.7        | 0.5        | 0.8                                                  | 1.0        | 0.6        |  |
| Kirovogradsk                                   | 1.2                                            | 1.3        | 1.1        | 0.7                                              | 0.9        | 0.6        | 1.0                                                  | 1.3        | 0.8        | 0.5                                            | 0.7        | 0.4        | 0.4                                              | 0.4        | 0.5        | 0.5                                                  | 0.7        | 0.5        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 0.6                                            | 0.6        | 0.7        | 0.6                                              | 0.6        | 0.6        | 0.7                                                  | 0.7        | 0.7        | 0.7                                            | 0.9        | 0.5        | 0.5                                              | 0.9        | 0.3        | 0.7                                                  | 1.1        | 0.4        |  |
| Mykolajivska                                   | 1.1                                            | 1.3        | 1.0        | 0.9                                              | 1.2        | 0.6        | 1.2                                                  | 1.4        | 0.9        | 0.6                                            | 0.9        | 0.3        | 0.5                                              | 0.7        | 0.3        | 0.6                                                  | 1.0        | 0.3        |  |
| Odesska                                        | 1.4                                            | 1.7        | 1.2        | 1.3                                              | 1.4        | 1.4        | 1.5                                                  | 1.8        | 1.4        | 0.7                                            | 0.8        | 0.6        | 0.5                                              | 0.7        | 0.4        | 0.7                                                  | 0.9        | 0.5        |  |
| Poltavsk                                       | 0.6                                            | 0.8        | 0.5        | 0.4                                              | 0.5        | 0.3        | 0.6                                                  | 0.7        | 0.4        | 0.8                                            | 0.5        | 1.0        | 0.5                                              | 0.3        | 0.8        | 0.5                                                  | 1.0        |            |  |
| Rivnenska                                      | 1.6                                            | 2.2        | 1.2        | 1.5                                              | 1.8        | 1.2        | 1.7                                                  | 2.2        | 1.3        | 0.6                                            | 0.4        | 0.8        | 0.6                                              | 0.4        | 0.7        | 0.6                                                  | 0.4        | 0.9        |  |
| Soumska                                        | 1.1                                            | 1.4        | 0.8        | 1.1                                              | 1.4        | 0.8        | 1.1                                                  | 1.4        | 0.9        | 0.5                                            | 0.8        | 0.3        | 0.4                                              | 0.6        | 0.2        | 0.5                                                  | 0.8        | 0.2        |  |
| Ternopilska                                    | 0.8                                            | 1.2        | 0.4        | 0.6                                              | 1.2        | 0.1        | 0.8                                                  | 1.3        | 0.3        | 0.5                                            | 0.2        | 0.7        | 0.4                                              | 0.3        | 0.5        | 0.5                                                  | 0.2        | 0.7        |  |
| Kharkivska                                     | 1.1                                            | 1.4        | 0.8        | 1.1                                              | 1.4        | 0.9        | 1.2                                                  | 1.5        | 0.9        | 0.4                                            | 0.6        | 0.3        | 0.3                                              | 0.5        | 0.2        | 0.4                                                  | 0.7        | 0.3        |  |
| Khersonska                                     | 0.8                                            | 1.4        | 0.4        | 0.7                                              | 1.3        | 0.3        | 0.9                                                  | 1.7        | 0.4        | 0.8                                            | 0.8        | 0.9        | 0.9                                              | 0.9        | 0.9        | 1.0                                                  | 1.0        | 1.0        |  |
| Khmelnitska                                    | 1.1                                            | 1.2        | 1.0        | 1.1                                              | 1.0        | 1.2        | 1.0                                                  | 1.0        | 1.1        | 0.9                                            | 0.8        | 1.0        | 0.7                                              | 0.7        | 0.6        | 0.9                                                  | 0.9        | 0.9        |  |
| Cherkasska                                     | 1.3                                            | 1.0        | 1.5        | 1.0                                              | 0.7        | 1.5        | 1.3                                                  | 1.1        | 1.5        | 0.7                                            | 1.0        | 0.4        | 0.4                                              | 0.7        | 0.2        | 0.6                                                  | 1.0        | 0.3        |  |
| Chernivetska                                   | 1.1                                            | 1.2        | 1.0        | 1.0                                              | 1.2        | 0.7        | 1.1                                                  | 1.2        | 0.9        | 0.6                                            | 0.5        | 0.6        | 0.3                                              | 0.5        | 0.1        | 0.4                                                  | 0.4        | 0.3        |  |
| Chernigivska                                   | 1.2                                            | 2.3        | 0.4        | 1.5                                              | 2.3        | 0.8        | 1.5                                                  | 2.6        | 0.6        | 0.6                                            | 0.8        | 0.4        | 0.4                                              | 0.5        | 0.4        | 0.5                                                  | 0.6        | 0.4        |  |
| Kyiv city                                      | 1.2                                            | 1.3        | 1.1        | 1.1                                              | 1.3        | 0.8        | 1.3                                                  | 1.5        | 1.1        | 0.8                                            | 0.9        | 0.7        | 0.5                                              | 0.7        | 0.4        | 0.7                                                  | 0.9        | 0.6        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |   | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|---|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲ | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |    | <b>0.8</b>                                        | <b>1.0</b> | <b>0.6</b> |                                                     |    |   | <b>0.5</b>                                        | <b>0.7</b> | <b>0.4</b> |
| AR Krym                                          |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |
| Vinnytska                                        | 6                                                 | 2  | 4  | 0.4                                               | 0.3        | 0.5        | 12                                                  | 7  | 5 | 0.8                                               | 1.0        | 0.6        |
| Volynska                                         | 6                                                 | 4  | 2  | 0.6                                               | 0.8        | 0.4        | 3                                                   | 3  | 0 | 0.3                                               | 0.6        | 0.0        |
| Dnipropetrovska                                  | 31                                                | 20 | 11 | 1.0                                               | 1.3        | 0.6        | 23                                                  | 14 | 9 | 0.7                                               | 0.9        | 0.5        |
| Donetska                                         |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |
| Zhytomyrska                                      | 10                                                | 6  | 4  | 0.8                                               | 1.0        | 0.6        | 5                                                   | 4  | 1 | 0.4                                               | 0.7        | 0.2        |
| Zakarpatska                                      | 5                                                 | 1  | 4  | 0.4                                               | 0.2        | 0.6        | 5                                                   | 2  | 3 | 0.4                                               | 0.3        | 0.5        |
| Zaporizzka                                       | 14                                                | 3  | 11 | 0.8                                               | 0.4        | 1.2        | 12                                                  | 3  | 9 | 0.7                                               | 0.4        | 0.9        |
| Ivano-Frankivska                                 | 11                                                | 9  | 2  | 0.8                                               | 1.4        | 0.3        | 9                                                   | 3  | 6 | 0.7                                               | 0.5        | 0.8        |
| Kyivska                                          | 23                                                | 16 | 7  | 1.3                                               | 2.0        | 0.8        | 9                                                   | 7  | 2 | 0.5                                               | 0.9        | 0.2        |
| Kirovogradskra                                   | 4                                                 | 4  | 0  | 0.4                                               | 0.9        | 0.0        | 4                                                   | 2  | 2 | 0.4                                               | 0.5        | 0.4        |
| Louganska                                        |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |
| Lvivska                                          | 16                                                | 6  | 10 | 0.6                                               | 0.5        | 0.8        | 10                                                  | 5  | 5 | 0.4                                               | 0.4        | 0.4        |
| Mykolajivska                                     | 9                                                 | 6  | 3  | 0.8                                               | 1.1        | 0.5        | 6                                                   | 2  | 4 | 0.5                                               | 0.4        | 0.6        |
| Odesska                                          | 22                                                | 13 | 9  | 0.9                                               | 1.2        | 0.7        | 15                                                  | 10 | 5 | 0.6                                               | 0.9        | 0.4        |
| Poltavska                                        | 9                                                 | 6  | 3  | 0.6                                               | 0.9        | 0.4        | 6                                                   | 4  | 2 | 0.4                                               | 0.6        | 0.3        |
| Rivnenska                                        | 17                                                | 12 | 5  | 1.5                                               | 2.2        | 0.8        | 7                                                   | 6  | 1 | 0.6                                               | 1.1        | 0.2        |
| Soumska                                          | 10                                                | 6  | 4  | 0.9                                               | 1.2        | 0.7        | 10                                                  | 8  | 2 | 0.9                                               | 1.6        | 0.3        |
| Ternopilska                                      | 5                                                 | 3  | 2  | 0.5                                               | 0.6        | 0.4        | 1                                                   | 1  | 0 | 0.1                                               | 0.2        | 0.0        |
| Kharkivska                                       | 20                                                | 10 | 10 | 0.7                                               | 0.8        | 0.7        | 13                                                  | 9  | 4 | 0.5                                               | 0.7        | 0.3        |
| Khersonska                                       | 6                                                 | 4  | 2  | 0.6                                               | 0.8        | 0.4        | 3                                                   | 3  | 0 | 0.3                                               | 0.6        | 0.0        |
| Khmelnitska                                      | 7                                                 | 4  | 3  | 0.5                                               | 0.7        | 0.4        | 6                                                   | 3  | 3 | 0.5                                               | 0.5        | 0.4        |
| Cherkasska                                       | 11                                                | 7  | 4  | 0.9                                               | 1.2        | 0.6        | 8                                                   | 1  | 7 | 0.6                                               | 0.2        | 1.0        |
| Chernivetska                                     | 10                                                | 6  | 4  | 1.1                                               | 1.4        | 0.8        | 4                                                   | 2  | 2 | 0.4                                               | 0.5        | 0.4        |
| Chernigivska                                     | 8                                                 | 5  | 3  | 0.8                                               | 1.1        | 0.5        | 4                                                   | 1  | 3 | 0.4                                               | 0.2        | 0.5        |
| Kyiv city                                        | 29                                                | 19 | 10 | 1.0                                               | 1.4        | 0.7        | 21                                                  | 12 | 9 | 0.7                                               | 0.9        | 0.6        |
| Sebastopol city                                  |                                                   |    |    |                                                   |            |            |                                                     |    |   |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |            |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III        | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>26.7</b>                                            | <b>5.1</b> | <b>5.8</b> | <b>32.9</b>       | <b>33.3</b>                                                   | <b>4</b>                                         | <b>65.0</b>                            | <b>85.1</b>                            | <b>10.1</b>                                          | <b>11.0</b>                           | <b>11.7</b> | <b>10.4</b> |
| AR Krym                     |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 16.7                                                   | 16.7       | 0.0        | 0.0               | 25.0                                                          | 0                                                | 66.7                                   | 33.3                                   | 0.0                                                  | 8.9                                   | 9.7         | 8.1         |
| Volynska                    | 16.7                                                   | 0.0        | 0.0        | 16.7              | 0.0                                                           | 0                                                | 33.3                                   | 50.0                                   | 0.0                                                  | 8.9                                   | 9.2         | 8.7         |
| Dnipropetrovska             | 23.3                                                   | 3.3        | 10.0       | 46.7              | 51.4                                                          | 0                                                | 53.3                                   | 87.1                                   | 0.0                                                  | 8.4                                   | 9.4         | 7.5         |
| Donetska                    |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 30.0                                                   | 20.0       | 10.0       | 40.0              | 27.3                                                          | 1                                                | 80.0                                   | 100.0                                  | 0.0                                                  | 9.0                                   | 8.9         | 9.1         |
| Zakarpatska                 | 20.0                                                   | 0.0        | 0.0        | 60.0              | 20.0                                                          | 0                                                | 60.0                                   | 100.0                                  | 0.0                                                  | 9.9                                   | 9.5         | 10.3        |
| Zaporizzka                  | 33.3                                                   | 8.3        | 0.0        | 16.7              | 26.1                                                          | 0                                                | 66.7                                   | 78.6                                   | 8.3                                                  | 10.7                                  | 10.4        | 11.0        |
| Ivano-Frankivska            | 45.5                                                   | 0.0        | 9.1        | 27.3              | 63.6                                                          | 0                                                | 63.6                                   | 90.9                                   | 0.0                                                  | 6.0                                   | 7.1         | 5.1         |
| Kyivska                     | 52.4                                                   | 9.5        | 0.0        | 4.8               | 38.1                                                          | 0                                                | 76.2                                   | 78.3                                   | 4.8                                                  | 15.3                                  | 14.2        | 16.3        |
| Kirovogradskra              | 25.0                                                   | 0.0        | 25.0       | 25.0              | 20.0                                                          | 0                                                | 25.0                                   | 50.0                                   | 0.0                                                  | 11.3                                  | 12.3        | 10.5        |
| Louganska                   |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 26.7                                                   | 0.0        | 6.7        | 60.0              | 12.5                                                          | 0                                                | 66.7                                   | 100.0                                  | 6.7                                                  | 8.9                                   | 10.2        | 7.7         |
| Mykolajivska                | 22.2                                                   | 0.0        | 0.0        | 44.4              | 33.3                                                          | 0                                                | 66.7                                   | 66.7                                   | 55.6                                                 | 10.7                                  | 11.5        | 10.1        |
| Odesska                     | 25.0                                                   | 20.0       | 0.0        | 15.0              | 28.1                                                          | 0                                                | 80.0                                   | 95.5                                   | 0.0                                                  | 15.7                                  | 17.0        | 14.5        |
| Poltavska                   | 66.7                                                   | 11.1       | 22.2       | 0.0               | 75.0                                                          | 0                                                | 77.8                                   | 100.0                                  | 11.1                                                 | 12.1                                  | 13.1        | 11.2        |
| Rivnenska                   | 17.6                                                   | 0.0        | 0.0        | 47.1              | 10.5                                                          | 0                                                | 58.8                                   | 82.4                                   | 5.9                                                  | 17.0                                  | 15.6        | 18.2        |
| Soumska                     | 30.0                                                   | 10.0       | 20.0       | 0.0               | 18.2                                                          | 0                                                | 50.0                                   | 70.0                                   | 0.0                                                  | 11.7                                  | 12.9        | 10.7        |
| Ternopilska                 | 0.0                                                    | 0.0        | 0.0        | 100.0             | 25.0                                                          | 0                                                | 100.0                                  | 100.0                                  | 40.0                                                 | 11.6                                  | 14.5        | 9.1         |
| Kharkivska                  | 15.0                                                   | 0.0        | 0.0        | 60.0              | 27.6                                                          | 0                                                | 45.0                                   | 90.0                                   | 10.0                                                 | 10.4                                  | 10.1        | 10.7        |
| Khersonska                  | 16.7                                                   | 0.0        | 16.7       | 33.3              | 87.5                                                          | 0                                                | 16.7                                   | 50.0                                   | 16.7                                                 | 6.4                                   | 7.9         | 5.1         |
| Khmelnitska                 | 16.7                                                   | 16.7       | 0.0        | 50.0              | 35.7                                                          | 0                                                | 83.3                                   | 85.7                                   | 0.0                                                  | 15.0                                  | 17.1        | 13.1        |
| Cherkasska                  | 50.0                                                   | 0.0        | 30.0       | 0.0               | 50.0                                                          | 0                                                | 90.0                                   | 100.0                                  | 40.0                                                 | 11.2                                  | 11.9        | 10.6        |
| Chernivetska                | 0.0                                                    | 0.0        | 0.0        | 55.6              | 30.0                                                          | 1                                                | 88.9                                   | 80.0                                   | 0.0                                                  | 15.0                                  | 17.1        | 13.1        |
| Chernigivska                | 37.5                                                   | 0.0        | 12.5       | 37.5              | 30.8                                                          | 1                                                | 75.0                                   | 87.5                                   | 12.5                                                 | 10.8                                  | 12.4        | 9.4         |
| Kyiv city                   | 14.3                                                   | 0.0        | 0.0        | 28.6              | 38.7                                                          | 1                                                | 64.3                                   | 93.1                                   | 28.6                                                 | 11.1                                  | 11.8        | 10.6        |
| Sebastopol city             |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 2545 | 1067 | 1478 |
| Incidence (crude rate)                                                    |                                         |  | 7.0  | 6.3  | 7.6  |
| Incidence (age-standardized, world standard)                              |                                         |  | 4.5  | 4.5  | 4.6  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 6.5  | 6.8  | 6.5  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 933  | 492  | 441  |
| Mortality (crude rate)                                                    |                                         |  | 2.6  | 2.9  | 2.3  |
| Mortality (age-standardized, world standard)                              |                                         |  | 1.6  | 2.1  | 1.3  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 2.4  | 3.2  | 1.9  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 12.1 | 16.5 | 9.1  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.2  | 0.4  | 0.1  |
| Microscopically verified diagnoses, %                                     |                                         |  | 98.7 | 98.6 | 98.8 |
| Diagnoses verified with histology, %                                      |                                         |  | 78.5 | 93.6 | 67.6 |
| Not specified morphology, %                                               |                                         |  | 0.0  | 0.0  | 0.0  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 46.8 | 44.4 | 48.5 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 91.4 | 90.4 | 92.1 |
| - surgical treatment only, %                                              |                                         |  | 62.8 | 60.4 | 64.5 |
| - combined or complex scheme of treatment, %                              |                                         |  | 26.0 | 27.1 | 25.3 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 10   | 4    | 6    |
|                                                                           | rate per 100 000 of children population |  | 0.1  | 0.1  | 0.1  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>7.0</b>                                     | <b>6.3</b> | <b>7.6</b> | <b>4.5</b>                                       | <b>4.5</b> | <b>4.6</b> | <b>6.5</b>                                           | <b>6.8</b> | <b>6.5</b> | <b>2.6</b>                                     | <b>2.9</b> | <b>2.3</b> | <b>1.6</b>                                       | <b>2.1</b> | <b>1.3</b> | <b>2.4</b>                                           | <b>3.2</b> | <b>1.9</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 7.1                                            | 6.2        | 7.9        | 4.6                                              | 4.1        | 5.1        | 6.6                                                  | 6.4        | 7.0        | 2.7                                            | 3.5        | 2.1        | 1.7                                              | 2.5        | 1.1        | 2.5                                                  | 3.7        | 1.7        |  |
| Volynska                                       | 4.7                                            | 4.3        | 5.1        | 3.5                                              | 3.6        | 3.4        | 4.9                                                  | 5.2        | 4.7        | 1.0                                            | 1.2        | 0.7        | 0.7                                              | 1.0        | 0.4        | 1.0                                                  | 1.3        | 0.7        |  |
| Dnipropetrovsk                                 | 6.7                                            | 5.2        | 8.0        | 4.2                                              | 3.6        | 4.7        | 6.0                                                  | 5.4        | 6.6        | 3.1                                            | 3.3        | 2.9        | 1.9                                              | 2.3        | 1.7        | 2.8                                                  | 3.6        | 2.4        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 6.4                                            | 6.5        | 6.4        | 4.5                                              | 5.2        | 3.9        | 6.1                                                  | 7.0        | 5.5        | 2.4                                            | 3.1        | 1.8        | 1.5                                              | 2.2        | 1.0        | 2.4                                                  | 3.6        | 1.6        |  |
| Zakarpatska                                    | 5.4                                            | 4.2        | 6.6        | 4.0                                              | 3.4        | 4.7        | 6.0                                                  | 5.2        | 6.8        | 2.2                                            | 2.7        | 1.7        | 1.6                                              | 2.3        | 1.0        | 2.4                                                  | 3.5        | 1.6        |  |
| Zaporizzka                                     | 8.5                                            | 7.4        | 9.4        | 5.5                                              | 5.1        | 6.1        | 7.8                                                  | 7.6        | 8.3        | 3.8                                            | 3.8        | 3.7        | 2.3                                              | 2.3        | 2.4        | 3.3                                                  | 4.0        | 3.2        |  |
| Ivano-Frankivska                               | 5.4                                            | 4.5        | 6.3        | 3.6                                              | 3.2        | 4.1        | 5.4                                                  | 5.0        | 5.9        | 2.8                                            | 2.8        | 2.8        | 1.7                                              | 2.1        | 1.5        | 2.8                                                  | 3.5        | 2.4        |  |
| Kyivska                                        | 7.4                                            | 6.7        | 8.0        | 4.7                                              | 4.6        | 5.0        | 6.7                                                  | 7.1        | 6.7        | 3.6                                            | 4.3        | 2.9        | 2.2                                              | 3.2        | 1.4        | 3.3                                                  | 4.7        | 2.2        |  |
| Kirovogradsk                                   | 6.2                                            | 5.6        | 6.8        | 4.0                                              | 4.0        | 3.8        | 5.6                                                  | 5.6        | 5.4        | 2.5                                            | 2.4        | 2.5        | 1.5                                              | 1.8        | 1.2        | 2.3                                                  | 2.6        | 1.9        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 6.2                                            | 6.0        | 6.3        | 4.0                                              | 4.4        | 3.8        | 6.0                                                  | 7.0        | 5.5        | 2.8                                            | 3.4        | 2.3        | 1.7                                              | 2.3        | 1.2        | 2.7                                                  | 3.8        | 2.0        |  |
| Mykolajivska                                   | 7.1                                            | 7.4        | 6.9        | 4.6                                              | 5.0        | 4.6        | 6.6                                                  | 7.6        | 6.3        | 2.3                                            | 2.0        | 2.6        | 1.5                                              | 1.4        | 1.7        | 2.1                                                  | 2.1        | 2.3        |  |
| Odesska                                        | 6.9                                            | 5.7        | 7.9        | 4.3                                              | 4.1        | 4.6        | 6.5                                                  | 6.2        | 6.8        | 3.2                                            | 3.8        | 2.7        | 2.1                                              | 2.9        | 1.5        | 3.1                                                  | 4.2        | 2.2        |  |
| Poltavsk                                       | 9.9                                            | 9.5        | 10.3       | 6.1                                              | 6.3        | 6.2        | 8.8                                                  | 9.7        | 8.6        | 2.6                                            | 2.9        | 2.4        | 1.3                                              | 1.8        | 1.0        | 2.1                                                  | 3.0        | 1.6        |  |
| Rivnenska                                      | 5.4                                            | 4.0        | 6.7        | 3.9                                              | 3.2        | 4.5        | 5.9                                                  | 4.7        | 6.7        | 1.5                                            | 0.9        | 2.0        | 0.9                                              | 0.7        | 1.0        | 1.5                                                  | 1.2        | 1.6        |  |
| Soumska                                        | 7.2                                            | 6.8        | 7.5        | 4.2                                              | 4.3        | 4.4        | 6.2                                                  | 7.0        | 6.1        | 2.0                                            | 2.3        | 1.8        | 1.1                                              | 1.2        | 1.2        | 1.7                                                  | 2.2        | 1.6        |  |
| Ternopilska                                    | 5.0                                            | 3.6        | 6.1        | 3.1                                              | 2.6        | 3.4        | 4.7                                                  | 4.0        | 5.1        | 1.4                                            | 1.2        | 1.6        | 0.9                                              | 0.9        | 0.8        | 1.4                                                  | 1.5        | 1.4        |  |
| Kharkivska                                     | 8.2                                            | 7.3        | 8.9        | 4.7                                              | 4.8        | 4.7        | 7.2                                                  | 7.5        | 7.1        | 2.9                                            | 3.4        | 2.4        | 1.7                                              | 2.3        | 1.3        | 2.5                                                  | 3.5        | 1.9        |  |
| Khersonska                                     | 7.4                                            | 5.4        | 9.1        | 4.7                                              | 4.0        | 5.4        | 7.0                                                  | 6.1        | 8.0        | 1.8                                            | 2.2        | 1.4        | 1.2                                              | 1.6        | 0.8        | 1.6                                                  | 2.3        | 1.2        |  |
| Khmelnitska                                    | 6.5                                            | 7.1        | 6.0        | 4.4                                              | 5.0        | 4.0        | 5.9                                                  | 7.3        | 5.0        | 2.2                                            | 3.0        | 1.4        | 1.3                                              | 2.1        | 0.7        | 1.9                                                  | 3.2        | 1.0        |  |
| Cherkasska                                     | 7.5                                            | 8.7        | 6.5        | 4.5                                              | 5.6        | 3.6        | 6.5                                                  | 8.4        | 5.1        | 2.1                                            | 2.4        | 1.8        | 1.2                                              | 1.6        | 0.9        | 1.7                                                  | 2.4        | 1.3        |  |
| Chernivetska                                   | 3.6                                            | 3.5        | 3.8        | 2.5                                              | 2.8        | 2.4        | 3.8                                                  | 4.4        | 3.5        | 1.7                                            | 1.4        | 1.9        | 1.2                                              | 1.1        | 1.2        | 1.8                                                  | 1.7        | 1.8        |  |
| Chernigivska                                   | 7.2                                            | 6.5        | 7.8        | 4.5                                              | 4.3        | 4.9        | 6.4                                                  | 6.4        | 6.7        | 1.9                                            | 1.9        | 1.9        | 1.2                                              | 1.3        | 1.1        | 1.8                                                  | 2.0        | 1.6        |  |
| Kyiv city                                      | 9.4                                            | 9.3        | 9.5        | 6.2                                              | 6.5        | 6.1        | 9.1                                                  | 10.3       | 8.6        | 2.7                                            | 3.5        | 2.1        | 1.7                                              | 2.4        | 1.4        | 2.7                                                  | 4.0        | 2.0        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>7.2</b>                                        | <b>6.5</b> | <b>7.8</b> |                                                     |    |    | <b>2.5</b>                                        | <b>2.6</b> | <b>2.4</b> |
| AR Krym                                          |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 97                                                | 44  | 53  | 6.1                                               | 6.0        | 6.1        | 47                                                  | 21 | 26 | 2.9                                               | 2.8        | 3.0        |
| Volynska                                         | 56                                                | 28  | 28  | 5.4                                               | 5.7        | 5.1        | 13                                                  | 8  | 5  | 1.3                                               | 1.6        | 0.9        |
| Dnipropetrovska                                  | 255                                               | 104 | 151 | 7.8                                               | 7.0        | 8.5        | 90                                                  | 36 | 54 | 2.8                                               | 2.4        | 3.0        |
| Donetska                                         |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 98                                                | 44  | 54  | 7.8                                               | 7.5        | 8.0        | 31                                                  | 20 | 11 | 2.5                                               | 3.4        | 1.6        |
| Zakarpatska                                      | 42                                                | 20  | 22  | 3.3                                               | 3.3        | 3.4        | 17                                                  | 7  | 10 | 1.4                                               | 1.2        | 1.5        |
| Zaporizzka                                       | 172                                               | 65  | 107 | 9.7                                               | 8.1        | 11.2       | 45                                                  | 21 | 24 | 2.6                                               | 2.6        | 2.5        |
| Ivano-Frankivska                                 | 78                                                | 37  | 41  | 5.7                                               | 5.7        | 5.6        | 41                                                  | 17 | 24 | 3.0                                               | 2.6        | 3.3        |
| Kyivska                                          | 150                                               | 64  | 86  | 8.7                                               | 8.0        | 9.3        | 41                                                  | 20 | 21 | 2.4                                               | 2.5        | 2.3        |
| Kirovogradksa                                    | 66                                                | 29  | 37  | 6.8                                               | 6.5        | 7.0        | 25                                                  | 16 | 9  | 2.6                                               | 3.6        | 1.7        |
| Louganska                                        |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 200                                               | 81  | 119 | 7.9                                               | 6.8        | 9.0        | 73                                                  | 35 | 38 | 2.9                                               | 2.9        | 2.9        |
| Mykolajivska                                     | 98                                                | 36  | 62  | 8.4                                               | 6.7        | 9.9        | 29                                                  | 13 | 16 | 2.5                                               | 2.4        | 2.6        |
| Odesska                                          | 148                                               | 63  | 85  | 6.2                                               | 5.6        | 6.7        | 43                                                  | 18 | 25 | 1.8                                               | 1.6        | 2.0        |
| Poltavska                                        | 131                                               | 53  | 78  | 9.1                                               | 8.0        | 10.0       | 46                                                  | 24 | 22 | 3.2                                               | 3.6        | 2.8        |
| Rivnenska                                        | 54                                                | 22  | 32  | 4.7                                               | 4.0        | 5.3        | 19                                                  | 9  | 10 | 1.6                                               | 1.6        | 1.6        |
| Soumska                                          | 76                                                | 29  | 47  | 6.8                                               | 5.7        | 7.7        | 26                                                  | 14 | 12 | 2.3                                               | 2.7        | 2.0        |
| Ternopilska                                      | 65                                                | 28  | 37  | 6.1                                               | 5.6        | 6.5        | 14                                                  | 7  | 7  | 1.3                                               | 1.4        | 1.2        |
| Kharkivska                                       | 186                                               | 82  | 104 | 6.9                                               | 6.5        | 7.1        | 68                                                  | 34 | 34 | 2.5                                               | 2.7        | 2.3        |
| Khersonska                                       | 85                                                | 27  | 58  | 8.0                                               | 5.5        | 10.1       | 32                                                  | 13 | 19 | 3.0                                               | 2.6        | 3.3        |
| Khmelnitska                                      | 82                                                | 32  | 50  | 6.3                                               | 5.3        | 7.2        | 29                                                  | 16 | 13 | 2.2                                               | 2.7        | 1.9        |
| Cherkasska                                       | 110                                               | 49  | 61  | 8.8                                               | 8.6        | 9.0        | 44                                                  | 23 | 21 | 3.5                                               | 4.0        | 3.1        |
| Chernivetska                                     | 19                                                | 11  | 8   | 2.1                                               | 2.6        | 1.7        | 20                                                  | 10 | 10 | 2.2                                               | 2.4        | 2.1        |
| Chernigivska                                     | 75                                                | 31  | 44  | 7.2                                               | 6.5        | 7.7        | 35                                                  | 16 | 19 | 3.3                                               | 3.4        | 3.3        |
| Kyiv city                                        | 265                                               | 122 | 143 | 9.3                                               | 9.3        | 9.3        | 78                                                  | 44 | 34 | 2.7                                               | 3.4        | 2.2        |
| Sevastopol city                                  |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |            |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III        | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>81.2</b>                                            | <b>4.1</b> | <b>3.7</b> | <b>10.9</b>       | <b>12.1</b>                                                   | <b>5</b>                                         | <b>90.4</b>                            | <b>98.3</b>                            | <b>53.4</b>                                          | <b>60.6</b>                           | <b>44.6</b> | <b>74.4</b> |
| AR Krym                     |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 95.7                                                   | 2.1        | 2.1        | 0.0               | 12.0                                                          | 0                                                | 89.4                                   | 95.9                                   | 48.9                                                 | 63.1                                  | 42.9        | 80.3        |
| Volynska                    | 84.3                                                   | 3.9        | 5.9        | 5.9               | 6.4                                                           | 0                                                | 92.2                                   | 100.0                                  | 29.4                                                 | 40.6                                  | 31.4        | 48.7        |
| Dnipropetrovska             | 65.4                                                   | 3.5        | 1.8        | 28.9              | 13.8                                                          | 1                                                | 88.6                                   | 100.0                                  | 35.1                                                 | 59.6                                  | 40.6        | 75.6        |
| Donetska                    |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 70.2                                                   | 9.6        | 2.1        | 18.1              | 8.8                                                           | 0                                                | 93.6                                   | 100.0                                  | 54.3                                                 | 54.6                                  | 40.6        | 66.7        |
| Zakarpatska                 | 72.5                                                   | 5.0        | 12.5       | 10.0              | 11.3                                                          | 0                                                | 92.5                                   | 100.0                                  | 65.0                                                 | 39.1                                  | 27.7        | 49.6        |
| Zaporizzka                  | 71.0                                                   | 6.5        | 3.2        | 18.7              | 15.0                                                          | 2                                                | 81.9                                   | 99.4                                   | 52.9                                                 | 71.8                                  | 47.8        | 91.9        |
| Ivano-Frankivska            | 73.7                                                   | 5.3        | 3.9        | 17.1              | 21.1                                                          | 0                                                | 97.4                                   | 100.0                                  | 23.7                                                 | 37.8                                  | 29.5        | 45.2        |
| Kyivska                     | 88.0                                                   | 3.5        | 3.5        | 4.9               | 13.6                                                          | 0                                                | 90.1                                   | 100.0                                  | 49.3                                                 | 69.0                                  | 51.6        | 84.0        |
| Kirovogradksa               | 88.7                                                   | 3.2        | 8.1        | 0.0               | 16.1                                                          | 0                                                | 91.9                                   | 100.0                                  | 50.0                                                 | 55.0                                  | 38.4        | 69.1        |
| Louganska                   |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 73.2                                                   | 4.5        | 5.0        | 17.3              | 17.2                                                          | 0                                                | 82.7                                   | 91.0                                   | 57.5                                                 | 56.6                                  | 42.4        | 69.4        |
| Mykolajivska                | 86.7                                                   | 6.7        | 4.4        | 2.2               | 13.3                                                          | 1                                                | 94.4                                   | 93.9                                   | 55.6                                                 | 69.6                                  | 53.1        | 83.8        |
| Odesska                     | 89.7                                                   | 2.2        | 5.1        | 2.9               | 12.8                                                          | 0                                                | 90.4                                   | 100.0                                  | 75.0                                                 | 67.9                                  | 53.9        | 80.3        |
| Poltavska                   | 88.7                                                   | 5.6        | 4.8        | 0.0               | 11.5                                                          | 0                                                | 92.7                                   | 96.9                                   | 35.5                                                 | 69.5                                  | 51.9        | 84.5        |
| Rivnenska                   | 79.6                                                   | 0.0        | 4.1        | 16.3              | 8.5                                                           | 0                                                | 91.8                                   | 100.0                                  | 69.4                                                 | 43.7                                  | 34.3        | 52.2        |
| Soumska                     | 85.9                                                   | 4.2        | 4.2        | 5.6               | 5.6                                                           | 0                                                | 87.3                                   | 100.0                                  | 39.4                                                 | 57.3                                  | 41.9        | 70.2        |
| Ternopilska                 | 85.2                                                   | 11.5       | 3.3        | 0.0               | 10.0                                                          | 0                                                | 88.5                                   | 98.5                                   | 55.7                                                 | 50.1                                  | 39.2        | 59.6        |
| Kharkivska                  | 86.8                                                   | 1.7        | 1.7        | 9.8               | 8.6                                                           | 1                                                | 87.9                                   | 98.9                                   | 56.3                                                 | 64.4                                  | 46.2        | 80.2        |
| Khersonska                  | 90.9                                                   | 3.9        | 5.2        | 0.0               | 8.2                                                           | 0                                                | 94.8                                   | 98.8                                   | 13.0                                                 | 68.6                                  | 47.2        | 87.2        |
| Khmelnitska                 | 92.3                                                   | 3.8        | 1.3        | 2.6               | 7.4                                                           | 0                                                | 94.9                                   | 98.8                                   | 51.3                                                 | 48.8                                  | 36.2        | 59.6        |
| Cherkasska                  | 86.0                                                   | 6.0        | 7.0        | 1.0               | 16.0                                                          | 0                                                | 91.0                                   | 98.2                                   | 43.0                                                 | 64.7                                  | 47.6        | 79.0        |
| Chernivetska                | 44.4                                                   | 0.0        | 5.6        | 50.0              | 15.6                                                          | 0                                                | 94.4                                   | 100.0                                  | 38.9                                                 | 35.1                                  | 25.8        | 43.3        |
| Chernigivska                | 90.3                                                   | 1.4        | 6.9        | 1.4               | 16.0                                                          | 0                                                | 93.1                                   | 94.7                                   | 73.6                                                 | 60.0                                  | 39.4        | 77.1        |
| Kyiv city                   | 78.8                                                   | 2.0        | 0.4        | 18.4              | 9.8                                                           | 0                                                | 95.1                                   | 100.0                                  | 91.4                                                 | 87.1                                  | 70.4        | 101.4       |
| Sevastopol city             |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  | <b>♀</b> | <b>♂</b> | <b>●</b> |
|---------------------------------------------------------------------------|-----------------------------------------|--|----------|----------|----------|
| Incidence: number of new cases*                                           |                                         |  | 15504    | 6528     | 8976     |
| Incidence (crude rate)                                                    |                                         |  | 42.7     | 38.7     | 46.1     |
| Incidence (age-standardized, world standard)                              |                                         |  | 21.9     | 25.0     | 20.3     |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 38.3     | 44.7     | 35.1     |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |          |          |          |
| Mortality: number of new cases*                                           |                                         |  | 420      | 238      | 182      |
| Mortality (crude rate)                                                    |                                         |  | 1.2      | 1.4      | 0.9      |
| Mortality (age-standardized, world standard)                              |                                         |  | 0.5      | 0.9      | 0.3      |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 1.0      | 1.6      | 0.6      |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 2.9      | 3.5      | 2.5      |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.0      | 0.1      | 0.0      |
| Microscopically verified diagnoses, %                                     |                                         |  | 98.1     | 98.3     | 98.0     |
| Diagnoses verified with histology, %                                      |                                         |  | 71.9     | 74.5     | 70.0     |
| Not specified morphology, %                                               |                                         |  | 2.1      | 2.1      | 2.1      |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 62.4     | 61.7     | 62.9     |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 89.4     | 89.3     | 89.4     |
| - surgical treatment only, %                                              |                                         |  | 62.6     | 64.0     | 61.7     |
| - combined or complex scheme of treatment, %                              |                                         |  | 4.0      | 4.4      | 3.7      |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 4        | 3        | 1        |
|                                                                           | rate per 100 000 of children population |  | 0.0      | 0.0      | 0.0      |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 2        | 1        | 1        |
|                                                                           | rate per 100 000 of children population |  | 0.0      | 0.0      | 0.0      |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |             | Age-standardized incidence rate (world standard) |             |             | Age-standardized incidence rate (Ukrainian standard) |             |             | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |
|------------------------------------------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|-------------|-------------|------------------------------------------------------|-------------|-------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|
|                                                | <b>♀</b>                                       | <b>♂</b>    | <b>●</b>    | <b>♀</b>                                         | <b>♂</b>    | <b>●</b>    | <b>♀</b>                                             | <b>♂</b>    | <b>●</b>    | <b>♀</b>                                       | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                         | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                             | <b>♂</b>   | <b>●</b>   |
| <b>Ukraine</b>                                 | <b>42.7</b>                                    | <b>38.7</b> | <b>46.1</b> | <b>21.9</b>                                      | <b>25.0</b> | <b>20.3</b> | <b>38.3</b>                                          | <b>44.7</b> | <b>35.1</b> | <b>1.2</b>                                     | <b>1.4</b> | <b>0.9</b> | <b>0.5</b>                                       | <b>0.9</b> | <b>0.3</b> | <b>1.0</b>                                           | <b>1.6</b> | <b>0.6</b> |
| AR Krym                                        |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |            |            |                                                  |            |            |                                                      |            |            |
| Vinnytska                                      | 38.0                                           | 36.9        | 38.9        | 17.8                                             | 22.3        | 15.3        | 31.1                                                 | 39.9        | 26.5        | 1.2                                            | 1.1        | 1.3        | 0.6                                              | 0.6        | 0.7        | 1.0                                                  | 1.2        | 0.9        |
| Volynska                                       | 30.4                                           | 24.7        | 35.5        | 17.7                                             | 19.0        | 17.1        | 31.5                                                 | 34.4        | 30.2        | 1.1                                            | 1.0        | 1.1        | 0.7                                              | 1.1        | 0.3        | 1.1                                                  | 1.3        | 0.6        |
| Dnipropetrovsk                                 | 40.5                                           | 36.3        | 44.1        | 20.0                                             | 22.2        | 19.2        | 34.9                                                 | 40.1        | 32.6        | 2.1                                            | 2.8        | 1.6        | 0.9                                              | 1.6        | 0.5        | 1.7                                                  | 3.1        | 1.0        |
| Donetska                                       |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |            |            |                                                  |            |            |                                                      |            |            |
| Zhytomyrska                                    | 43.6                                           | 36.8        | 49.5        | 22.1                                             | 24.3        | 20.6        | 38.4                                                 | 42.3        | 35.9        | 0.7                                            | 0.7        | 0.7        | 0.3                                              | 0.4        | 0.2        | 0.6                                                  | 0.7        | 0.5        |
| Zakarpatska                                    | 27.4                                           | 23.4        | 31.1        | 18.0                                             | 18.8        | 17.6        | 31.9                                                 | 33.6        | 30.8        | 0.7                                            | 0.5        | 0.9        | 0.4                                              | 0.4        | 0.5        | 0.8                                                  | 0.8        | 0.9        |
| Zaporizzka                                     | 56.9                                           | 49.8        | 62.9        | 27.4                                             | 31.1        | 25.1        | 47.8                                                 | 54.2        | 44.2        | 1.6                                            | 2.5        | 0.9        | 0.8                                              | 1.5        | 0.3        | 1.3                                                  | 2.7        | 0.6        |
| Ivano-Frankivska                               | 37.0                                           | 32.5        | 41.0        | 20.4                                             | 23.3        | 18.9        | 36.4                                                 | 42.0        | 33.6        | 1.6                                            | 2.2        | 1.1        | 0.6                                              | 1.3        | 0.3        | 1.3                                                  | 2.8        | 0.6        |
| Kyivska                                        | 43.7                                           | 37.7        | 48.9        | 22.6                                             | 25.2        | 21.5        | 38.9                                                 | 44.6        | 36.6        | 1.6                                            | 2.0        | 1.2        | 0.8                                              | 1.4        | 0.5        | 1.3                                                  | 2.6        | 0.8        |
| Kirovogradsk                                   | 53.1                                           | 48.9        | 56.7        | 24.6                                             | 29.1        | 22.3        | 43.1                                                 | 51.5        | 38.8        | 0.3                                            | 0.7        | 0.0        | 0.2                                              | 0.5        | 0.0        | 0.3                                                  | 0.6        | 0.0        |
| Louganska                                      |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |            |            |                                                  |            |            |                                                      |            |            |
| Lvivska                                        | 45.3                                           | 39.6        | 50.5        | 24.0                                             | 26.5        | 22.7        | 42.9                                                 | 47.7        | 40.6        | 0.9                                            | 0.8        | 1.0        | 0.4                                              | 0.5        | 0.4        | 0.8                                                  | 1.0        | 0.7        |
| Mykolajivska                                   | 48.0                                           | 40.2        | 54.8        | 25.3                                             | 26.6        | 25.0        | 43.7                                                 | 46.9        | 42.6        | 1.7                                            | 2.2        | 1.3        | 0.8                                              | 1.2        | 0.6        | 1.6                                                  | 2.8        | 1.0        |
| Odesska                                        | 42.7                                           | 40.6        | 44.5        | 23.4                                             | 27.0        | 21.2        | 40.1                                                 | 47.2        | 36.1        | 0.7                                            | 1.1        | 0.4        | 0.3                                              | 0.7        | 0.1        | 0.6                                                  | 1.3        | 0.3        |
| Poltavsk                                       | 48.5                                           | 46.4        | 50.4        | 23.9                                             | 27.9        | 22.1        | 40.5                                                 | 48.8        | 36.5        | 1.0                                            | 1.7        | 0.5        | 0.4                                              | 0.9        | 0.1        | 0.8                                                  | 1.8        | 0.2        |
| Rivnenska                                      | 20.4                                           | 18.9        | 21.7        | 12.2                                             | 14.9        | 10.5        | 21.4                                                 | 26.1        | 18.7        | 1.2                                            | 1.6        | 0.8        | 0.7                                              | 1.2        | 0.3        | 1.3                                                  | 2.5        | 0.6        |
| Soumska                                        | 56.5                                           | 49.9        | 62.0        | 26.4                                             | 28.8        | 25.9        | 45.4                                                 | 51.9        | 43.3        | 1.2                                            | 1.2        | 1.1        | 0.5                                              | 0.7        | 0.5        | 0.9                                                  | 1.5        | 0.8        |
| Ternopilska                                    | 38.5                                           | 32.9        | 43.4        | 19.5                                             | 21.0        | 19.0        | 34.2                                                 | 37.1        | 33.3        | 0.9                                            | 1.0        | 0.9        | 0.3                                              | 0.5        | 0.2        | 0.6                                                  | 0.9        | 0.5        |
| Kharkivska                                     | 42.8                                           | 40.4        | 44.9        | 21.1                                             | 25.6        | 19.0        | 36.8                                                 | 45.6        | 32.7        | 1.4                                            | 1.6        | 1.2        | 0.6                                              | 1.0        | 0.4        | 1.1                                                  | 1.8        | 0.7        |
| Khersonska                                     | 44.4                                           | 40.9        | 47.3        | 23.5                                             | 26.7        | 22.2        | 40.2                                                 | 47.5        | 37.1        | 0.8                                            | 1.0        | 0.7        | 0.4                                              | 0.7        | 0.2        | 0.8                                                  | 1.2        | 0.5        |
| Khmelnitska                                    | 37.9                                           | 38.8        | 37.2        | 18.8                                             | 24.2        | 15.9        | 32.5                                                 | 43.5        | 26.8        | 0.8                                            | 1.0        | 0.7        | 0.4                                              | 0.6        | 0.3        | 0.7                                                  | 1.1        | 0.5        |
| Cherkasska                                     | 57.3                                           | 51.5        | 62.2        | 26.4                                             | 29.0        | 25.2        | 45.5                                                 | 51.2        | 42.9        | 0.9                                            | 1.0        | 0.7        | 0.3                                              | 0.5        | 0.1        | 0.6                                                  | 1.1        | 0.3        |
| Chernivetska                                   | 27.9                                           | 24.7        | 30.8        | 14.9                                             | 16.4        | 14.3        | 27.2                                                 | 31.3        | 25.3        | 1.8                                            | 1.2        | 2.3        | 0.7                                              | 0.7        | 0.7        | 1.3                                                  | 1.2        | 1.3        |
| Chernigivska                                   | 45.0                                           | 41.7        | 47.7        | 20.2                                             | 24.0        | 18.3        | 34.5                                                 | 41.8        | 31.0        | 1.0                                            | 1.5        | 0.7        | 0.4                                              | 0.9        | 0.1        | 0.7                                                  | 1.5        | 0.3        |
| Kyiv city                                      | 44.6                                           | 43.7        | 45.3        | 24.6                                             | 28.8        | 22.2        | 44.9                                                 | 53.4        | 40.1        | 0.5                                            | 0.7        | 0.3        | 0.3                                              | 0.4        | 0.1        | 0.5                                                  | 0.8        | 0.2        |
| Sevastopol city                                |                                                |             |             |                                                  |             |             |                                                      |             |             |                                                |            |            |                                                  |            |            |                                                      |            |            |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |             |             | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|-------------|-------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂           | ▲           | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>40.5</b>                                       | <b>36.9</b> | <b>43.6</b> |                                                     |    |    | <b>1.1</b>                                        | <b>1.2</b> | <b>1.0</b> |
| AR Krym                                          |                                                   |     |     |                                                   |             |             |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 665                                               | 294 | 371 | 41.5                                              | 39.8        | 43.0        | 28                                                  | 18 | 10 | 1.8                                               | 2.4        | 1.2        |
| Volynska                                         | 265                                               | 112 | 153 | 25.5                                              | 22.8        | 27.8        | 4                                                   | 1  | 3  | 0.4                                               | 0.2        | 0.6        |
| Dnipropetrovska                                  | 1328                                              | 576 | 752 | 40.6                                              | 38.5        | 42.3        | 69                                                  | 39 | 30 | 2.1                                               | 2.6        | 1.7        |
| Donetska                                         |                                                   |     |     |                                                   |             |             |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 478                                               | 228 | 250 | 38.0                                              | 39.1        | 37.1        | 18                                                  | 8  | 10 | 1.4                                               | 1.4        | 1.5        |
| Zakarpatska                                      | 297                                               | 128 | 169 | 23.6                                              | 21.2        | 25.9        | 5                                                   | 2  | 3  | 0.4                                               | 0.3        | 0.5        |
| Zaporizzka                                       | 950                                               | 382 | 568 | 53.8                                              | 47.4        | 59.2        | 13                                                  | 5  | 8  | 0.7                                               | 0.6        | 0.8        |
| Ivano-Frankivska                                 | 505                                               | 232 | 273 | 36.6                                              | 35.6        | 37.5        | 24                                                  | 10 | 14 | 1.7                                               | 1.5        | 1.9        |
| Kyivska                                          | 736                                               | 305 | 431 | 42.7                                              | 38.3        | 46.5        | 24                                                  | 15 | 9  | 1.4                                               | 1.9        | 1.0        |
| Kirovogradksa                                    | 553                                               | 226 | 327 | 56.8                                              | 50.5        | 62.1        | 10                                                  | 4  | 6  | 1.0                                               | 0.9        | 1.1        |
| Louganska                                        |                                                   |     |     |                                                   |             |             |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 1069                                              | 466 | 603 | 42.4                                              | 39.1        | 45.5        | 17                                                  | 9  | 8  | 0.7                                               | 0.8        | 0.6        |
| Mykolajivska                                     | 551                                               | 232 | 319 | 47.4                                              | 43.1        | 51.0        | 18                                                  | 5  | 13 | 1.6                                               | 0.9        | 2.1        |
| Odesska                                          | 833                                               | 339 | 494 | 34.9                                              | 30.3        | 39.1        | 8                                                   | 6  | 2  | 0.3                                               | 0.5        | 0.2        |
| Poltavska                                        | 652                                               | 290 | 362 | 45.2                                              | 43.8        | 46.5        | 23                                                  | 16 | 7  | 1.6                                               | 2.4        | 0.9        |
| Rivnenska                                        | 186                                               | 77  | 109 | 16.0                                              | 14.0        | 17.9        | 7                                                   | 4  | 3  | 0.6                                               | 0.7        | 0.5        |
| Soumska                                          | 614                                               | 223 | 391 | 54.8                                              | 43.5        | 64.3        | 11                                                  | 4  | 7  | 1.0                                               | 0.8        | 1.2        |
| Ternopilska                                      | 370                                               | 182 | 188 | 34.7                                              | 36.6        | 33.0        | 15                                                  | 5  | 10 | 1.4                                               | 1.0        | 1.8        |
| Kharkivska                                       | 1017                                              | 372 | 645 | 37.5                                              | 29.6        | 44.2        | 35                                                  | 16 | 19 | 1.3                                               | 1.3        | 1.3        |
| Khersonska                                       | 515                                               | 222 | 293 | 48.3                                              | 44.9        | 51.2        | 7                                                   | 5  | 2  | 0.7                                               | 1.0        | 0.4        |
| Khmelnitska                                      | 550                                               | 216 | 334 | 42.4                                              | 35.9        | 48.0        | 15                                                  | 7  | 8  | 1.2                                               | 1.2        | 1.2        |
| Cherkasska                                       | 648                                               | 289 | 359 | 51.9                                              | 50.6        | 53.0        | 13                                                  | 8  | 5  | 1.0                                               | 1.4        | 0.7        |
| Chernivetska                                     | 231                                               | 106 | 125 | 25.5                                              | 24.9        | 26.0        | 12                                                  | 3  | 9  | 1.3                                               | 0.7        | 1.9        |
| Chernigivska                                     | 452                                               | 182 | 270 | 43.2                                              | 38.3        | 47.2        | 9                                                   | 7  | 2  | 0.9                                               | 1.5        | 0.4        |
| Kyiv city                                        | 1208                                              | 533 | 675 | 42.4                                              | 40.5        | 44.1        | 18                                                  | 7  | 11 | 0.6                                               | 0.5        | 0.7        |
| Sevastopol city                                  |                                                   |     |     |                                                   |             |             |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |            |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |              |              |
|-----------------------------|--------------------------------------------------------|------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|--------------|--------------|
|                             | I-II                                                   | III        | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂            | ▲            |
| <b>Ukraine</b>              | <b>91.8</b>                                            | <b>0.9</b> | <b>0.1</b> | <b>0.9</b>        | <b>2.9</b>                                                    | <b>5</b>                                         | <b>87.6</b>                            | <b>97.9</b>                            | <b>68.4</b>                                          | <b>482.1</b>                          | <b>414.4</b> | <b>540.8</b> |
| AR Krym                     |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Vinnytska                   | 89.4                                                   | 0.0        | 0.3        | 0.0               | 2.8                                                           | 0                                                | 94.3                                   | 93.8                                   | 78.0                                                 | 466.6                                 | 404.8        | 519.4        |
| Volynska                    | 92.9                                                   | 1.3        | 0.4        | 0.4               | 4.5                                                           | 0                                                | 95.4                                   | 100.0                                  | 65.0                                                 | 342.7                                 | 276.8        | 401.6        |
| Dnipropetrovska             | 93.1                                                   | 1.3        | 0.0        | 0.9               | 3.3                                                           | 0                                                | 90.2                                   | 99.9                                   | 56.8                                                 | 453.9                                 | 403.0        | 496.7        |
| Donetska                    |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Zhytomyrska                 | 88.3                                                   | 1.2        | 0.0        | 0.2               | 2.1                                                           | 0                                                | 87.6                                   | 100.0                                  | 56.8                                                 | 443.1                                 | 371.0        | 505.6        |
| Zakarpatska                 | 87.7                                                   | 2.2        | 0.4        | 1.8               | 3.2                                                           | 0                                                | 89.9                                   | 93.6                                   | 90.6                                                 | 321.4                                 | 291.1        | 349.3        |
| Zaporizzka                  | 92.4                                                   | 0.5        | 0.0        | 0.7               | 3.0                                                           | 2                                                | 82.2                                   | 98.4                                   | 69.8                                                 | 637.8                                 | 527.4        | 730.5        |
| Ivano-Frankivska            | 89.9                                                   | 1.5        | 0.0        | 0.4               | 2.3                                                           | 0                                                | 95.6                                   | 100.0                                  | 61.6                                                 | 357.2                                 | 302.8        | 406.0        |
| Kyivska                     | 91.3                                                   | 2.0        | 0.2        | 0.3               | 3.4                                                           | 0                                                | 80.5                                   | 94.7                                   | 69.1                                                 | 465.6                                 | 393.5        | 527.6        |
| Kirovogradksa               | 92.2                                                   | 1.0        | 0.0        | 0.0               | 4.4                                                           | 0                                                | 82.0                                   | 96.6                                   | 56.2                                                 | 502.7                                 | 437.2        | 558.3        |
| Louganska                   |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |
| Lvivska                     | 91.7                                                   | 0.5        | 0.1        | 2.0               | 2.1                                                           | 0                                                | 86.9                                   | 99.2                                   | 64.5                                                 | 519.3                                 | 444.2        | 586.9        |
| Mykolajivska                | 89.4                                                   | 1.2        | 0.0        | 4.7               | 2.1                                                           | 0                                                | 91.8                                   | 95.8                                   | 75.5                                                 | 671.2                                 | 559.9        | 767.0        |
| Odesska                     | 96.7                                                   | 0.5        | 0.0        | 0.1               | 1.1                                                           | 0                                                | 82.2                                   | 100.0                                  | 86.6                                                 | 610.8                                 | 532.0        | 680.7        |
| Poltavska                   | 90.1                                                   | 1.3        | 0.3        | 0.0               | 3.6                                                           | 0                                                | 93.6                                   | 98.9                                   | 46.6                                                 | 547.8                                 | 484.5        | 601.8        |
| Rivnenska                   | 89.3                                                   | 1.7        | 0.0        | 2.8               | 2.7                                                           | 0                                                | 52.5                                   | 96.8                                   | 89.8                                                 | 294.1                                 | 237.5        | 345.2        |
| Soumska                     | 93.7                                                   | 0.5        | 0.0        | 0.7               | 3.6                                                           | 0                                                | 90.5                                   | 98.7                                   | 78.8                                                 | 688.0                                 | 528.6        | 822.3        |
| Ternopilska                 | 87.6                                                   | 0.9        | 0.3        | 0.0               | 0.5                                                           | 0                                                | 92.9                                   | 98.1                                   | 61.2                                                 | 406.9                                 | 365.7        | 442.9        |
| Kharkivska                  | 93.4                                                   | 0.5        | 0.0        | 1.1               | 3.9                                                           | 1                                                | 78.7                                   | 99.0                                   | 69.4                                                 | 462.7                                 | 405.5        | 512.0        |
| Khersonska                  | 90.6                                                   | 1.1        | 0.4        | 0.2               | 4.1                                                           | 0                                                | 93.1                                   | 99.8                                   | 18.8                                                 | 449.2                                 | 370.8        | 516.9        |
| Khmelnitska                 | 89.4                                                   | 0.0        | 0.4        | 1.0               | 4.1                                                           | 0                                                | 85.3                                   | 89.3                                   | 57.2                                                 | 411.6                                 | 349.5        | 465.3        |
| Cherkasska                  | 91.7                                                   | 2.3        | 0.2        | 0.2               | 3.0                                                           | 0                                                | 87.7                                   | 95.7                                   | 51.7                                                 | 571.9                                 | 502.3        | 630.6        |
| Chernivetska                | 86.8                                                   | 0.9        | 0.0        | 1.4               | 3.8                                                           | 0                                                | 74.5                                   | 92.6                                   | 92.3                                                 | 385.4                                 | 340.7        | 425.0        |
| Chernigivska                | 94.8                                                   | 1.0        | 0.2        | 0.5               | 3.5                                                           | 1                                                | 93.6                                   | 98.7                                   | 79.8                                                 | 450.6                                 | 385.2        | 504.9        |
| Kyiv city                   | 93.6                                                   | 0.5        | 0.0        | 1.2               | 2.3                                                           | 1                                                | 95.2                                   | 100.0                                  | 98.6                                                 | 467.9                                 | 427.7        | 502.4        |
| Sevastopol city             |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| Table 1 - General rates, 2014                                          |                                         |  |  |  |  | ♀     | ♂    | ●     |
|------------------------------------------------------------------------|-----------------------------------------|--|--|--|--|-------|------|-------|
| Incidence: number of new cases*                                        |                                         |  |  |  |  | 13744 | 103  | 13641 |
| Incidence (crude rate)                                                 |                                         |  |  |  |  | 37.8  | 0.6  | 70.0  |
| Incidence (age-standardized, world standard)                           |                                         |  |  |  |  | 23.8  | 0.4  | 41.7  |
| Incidence (age-standardized, Ukrainian standard)                       |                                         |  |  |  |  | 35.5  | 0.7  | 60.6  |
| Change of incidence rate 2014 compared to 2013, % (Ukrainian standard) |                                         |  |  |  |  |       |      |       |
| Mortality: number of new cases*                                        |                                         |  |  |  |  | 5926  | 52   | 5874  |
| Mortality (crude rate)                                                 |                                         |  |  |  |  | 16.3  | 0.3  | 30.2  |
| Mortality (age-standardized, world standard)                           |                                         |  |  |  |  | 9.3   | 0.2  | 15.7  |
| Mortality (age-standardized, Ukrainian standard)                       |                                         |  |  |  |  | 14.9  | 0.3  | 24.6  |
| Lived less than 1 year since the diagnosis in 2014, %                  |                                         |  |  |  |  | 2.2   | 13.1 | 2.2   |
| From among the newly diagnosed – diagnosed post mortem, %              |                                         |  |  |  |  | 0.3   | 1.0  | 0.3   |
| Microscopically verified diagnoses, %                                  |                                         |  |  |  |  | 92.8  | 95.1 | 92.7  |
| Diagnoses verified with histology, %                                   |                                         |  |  |  |  | 80.1  | 67.0 | 80.2  |
| Not specified morphology, %                                            |                                         |  |  |  |  | 7.2   | 12.2 | 7.2   |
| Patients diagnosed during the preventive medical examinations, %       |                                         |  |  |  |  | 49.9  | 35.0 | 50.0  |
| Newly diagnosed patients received the special treatment, %             |                                         |  |  |  |  | 83.5  | 73.7 | 83.6  |
| - surgical treatment only, %                                           |                                         |  |  |  |  | 14.1  | 22.2 | 14.0  |
| - combined or complex scheme of treatment, %                           |                                         |  |  |  |  | 54.4  | 38.4 | 54.5  |
| Incidence of children population (age 0-17 years):                     | cases*                                  |  |  |  |  | 0     | 0    | 0     |
|                                                                        | rate per 100 000 of children population |  |  |  |  | 0.0   | 0.0  | 0.0   |
| Mortality of children population (age 0-17 years):                     | cases*                                  |  |  |  |  | 0     | 0    | 0     |
|                                                                        | rate per 100 000 of children population |  |  |  |  | 0.0   | 0.0  | 0.0   |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| Table 2 - Incidence and mortality, 2014 | Crude incidence rate per 100 000 of population |            |             | Age-standardized incidence rate (world standard) |            |             | Age-standardized incidence rate (Ukrainian standard) |            |             | Crude mortality rate per 100 000 of population |            |             | Age-standardized mortality rate (world standard) |            |             | Age-standardized mortality rate (Ukrainian standard) |            |             |
|-----------------------------------------|------------------------------------------------|------------|-------------|--------------------------------------------------|------------|-------------|------------------------------------------------------|------------|-------------|------------------------------------------------|------------|-------------|--------------------------------------------------|------------|-------------|------------------------------------------------------|------------|-------------|
|                                         | ♀                                              | ♂          | ●           | ♀                                                | ♂          | ●           | ♀                                                    | ♂          | ●           | ♀                                              | ♂          | ●           | ♀                                                | ♂          | ●           | ♀                                                    | ♂          | ●           |
| <b>Ukraine</b>                          | <b>37.8</b>                                    | <b>0.6</b> | <b>70.0</b> | <b>23.8</b>                                      | <b>0.4</b> | <b>41.7</b> | <b>35.5</b>                                          | <b>0.7</b> | <b>60.6</b> | <b>16.3</b>                                    | <b>0.3</b> | <b>30.2</b> | <b>9.3</b>                                       | <b>0.2</b> | <b>15.7</b> | <b>14.9</b>                                          | <b>0.3</b> | <b>24.6</b> |
| AR Krym                                 |                                                |            |             |                                                  |            |             |                                                      |            |             |                                                |            |             |                                                  |            |             |                                                      |            |             |
| Vinnytska                               | 36.9                                           | 1.2        | 67.3        | 22.7                                             | 0.8        | 39.9        | 33.5                                                 | 1.1        | 57.4        | 14.2                                           | 0.3        | 26.1        | 7.7                                              | 0.2        | 12.9        | 12.4                                                 | 0.3        | 20.4        |
| Volynska                                | 30.1                                           | 0.2        | 56.8        | 21.4                                             | 0.1        | 38.5        | 31.2                                                 | 0.2        | 54.6        | 12.1                                           | 0.4        | 22.6        | 8.6                                              | 0.3        | 15.1        | 12.8                                                 | 0.6        | 21.9        |
| Dnipropetrovsk                          | 42.9                                           | 0.2        | 78.8        | 25.9                                             | 0.1        | 44.4        | 38.7                                                 | 0.2        | 64.9        | 19.7                                           | 0.2        | 36.1        | 10.5                                             | 0.1        | 17.4        | 16.9                                                 | 0.2        | 27.4        |
| Donetska                                |                                                |            |             |                                                  |            |             |                                                      |            |             |                                                |            |             |                                                  |            |             |                                                      |            |             |
| Zhytomyrska                             | 30.7                                           | 0.7        | 56.7        | 20.2                                             | 0.4        | 35.7        | 29.6                                                 | 0.6        | 51.2        | 16.6                                           | 0.2        | 30.9        | 9.6                                              | 0.1        | 16.6        | 15.3                                                 | 0.2        | 25.6        |
| Zakarpatska                             | 25.0                                           | 0.3        | 47.8        | 18.8                                             | 0.3        | 33.9        | 27.7                                                 | 0.5        | 48.9        | 12.0                                           | 0.2        | 22.8        | 8.3                                              | 0.2        | 14.4        | 13.6                                                 | 0.2        | 23.1        |
| Zaporizzka                              | 43.9                                           | 1.2        | 79.8        | 25.5                                             | 0.7        | 43.3        | 38.6                                                 | 1.1        | 64.0        | 20.3                                           | 0.6        | 36.8        | 10.4                                             | 0.4        | 17.1        | 17.0                                                 | 0.5        | 27.2        |
| Ivano-Frankivska                        | 25.6                                           | 0.8        | 47.8        | 17.9                                             | 0.5        | 32.0        | 26.2                                                 | 0.8        | 46.0        | 11.4                                           | 0.2        | 21.4        | 7.2                                              | 0.2        | 12.5        | 11.3                                                 | 0.2        | 19.2        |
| Kyivska                                 | 39.0                                           | 0.6        | 72.1        | 25.0                                             | 0.3        | 43.8        | 36.6                                                 | 0.7        | 62.7        | 15.9                                           | 0.3        | 29.4        | 9.3                                              | 0.2        | 15.9        | 14.4                                                 | 0.3        | 23.9        |
| Kirovogradsk                            | 40.5                                           | 0.7        | 74.2        | 23.1                                             | 0.4        | 40.1        | 34.9                                                 | 0.7        | 59.0        | 17.5                                           | 1.3        | 31.3        | 9.4                                              | 0.7        | 15.7        | 14.7                                                 | 1.3        | 23.8        |
| Louganska                               |                                                |            |             |                                                  |            |             |                                                      |            |             |                                                |            |             |                                                  |            |             |                                                      |            |             |
| Lvivska                                 | 31.9                                           | 0.3        | 60.2        | 21.0                                             | 0.3        | 37.5        | 31.2                                                 | 0.5        | 54.4        | 14.0                                           | 0.3        | 26.4        | 8.5                                              | 0.2        | 14.6        | 13.4                                                 | 0.3        | 22.6        |
| Mykolajivska                            | 44.6                                           | 1.1        | 82.0        | 27.0                                             | 0.7        | 46.1        | 41.4                                                 | 1.4        | 68.9        | 14.8                                           | 0.4        | 27.2        | 8.3                                              | 0.2        | 13.8        | 13.3                                                 | 0.4        | 21.6        |
| Odesska                                 | 41.0                                           | 0.5        | 77.0        | 26.8                                             | 0.3        | 47.4        | 39.3                                                 | 0.5        | 67.9        | 18.0                                           | 0.2        | 33.8        | 10.4                                             | 0.1        | 17.4        | 17.0                                                 | 0.2        | 27.9        |
| Poltavsk                                | 40.9                                           | 0.8        | 75.0        | 24.7                                             | 0.6        | 43.5        | 36.0                                                 | 0.8        | 61.9        | 18.9                                           | 0.3        | 34.7        | 10.6                                             | 0.2        | 18.1        | 16.3                                                 | 0.3        | 27.2        |
| Rivnenska                               | 29.8                                           | 0.0        | 56.7        | 21.7                                             | 0.0        | 38.9        | 32.1                                                 | 0.0        | 56.2        | 13.2                                           | 0.2        | 25.0        | 9.1                                              | 0.2        | 15.7        | 14.5                                                 | 0.2        | 24.4        |
| Soumska                                 | 44.0                                           | 1.2        | 80.1        | 25.0                                             | 0.7        | 43.0        | 38.3                                                 | 1.2        | 64.4        | 18.8                                           | 0.0        | 34.7        | 9.8                                              | 0.0        | 16.7        | 15.7                                                 | 0.0        | 26.0        |
| Ternopilska                             | 28.0                                           | 0.8        | 51.8        | 18.5                                             | 0.5        | 32.9        | 27.4                                                 | 0.8        | 47.4        | 13.9                                           | 0.8        | 25.4        | 8.2                                              | 0.4        | 14.1        | 13.1                                                 | 0.9        | 21.8        |
| Kharkivska                              | 41.2                                           | 0.5        | 76.2        | 24.5                                             | 0.3        | 42.3        | 36.7                                                 | 0.4        | 62.0        | 20.3                                           | 0.2        | 37.5        | 11.1                                             | 0.1        | 18.7        | 17.6                                                 | 0.2        | 28.8        |
| Khersonska                              | 41.3                                           | 0.8        | 76.2        | 26.4                                             | 0.5        | 46.3        | 38.8                                                 | 0.7        | 66.5        | 16.3                                           | 0.8        | 29.8        | 9.5                                              | 0.7        | 15.7        | 15.0                                                 | 1.1        | 24.2        |
| Khmelnitska                             | 35.1                                           | 0.7        | 64.9        | 21.7                                             | 0.4        | 38.4        | 32.5                                                 | 0.8        | 56.0        | 14.8                                           | 0.5        | 27.2        | 8.1                                              | 0.3        | 13.6        | 13.6                                                 | 0.5        | 22.3        |
| Cherkasska                              | 39.2                                           | 1.0        | 71.4        | 23.2                                             | 0.7        | 40.3        | 34.4                                                 | 1.2        | 58.5        | 15.4                                           | 0.5        | 27.9        | 8.0                                              | 0.3        | 13.5        | 12.9                                                 | 0.5        | 21.2        |
| Chernivetska                            | 27.5                                           | 0.2        | 51.6        | 19.1                                             | 0.2        | 33.6        | 28.5                                                 | 0.3        | 49.3        | 15.9                                           | 0.0        | 30.0        | 9.7                                              | 0.0        | 16.5        | 16.1                                                 | 0.0        | 26.8        |
| Chernigivska                            | 33.5                                           | 0.0        | 61.2        | 20.1                                             | 0.0        | 35.7        | 28.8                                                 | 0.0        | 50.2        | 11.9                                           | 0.2        | 21.6        | 6.1                                              | 0.1        | 10.2        | 9.7                                                  | 0.2        | 15.9        |
| Kyiv city                               | 48.4                                           | 0.8        | 89.2        | 30.9                                             | 0.5        | 53.3        | 47.4                                                 | 1.0        | 80.2        | 16.8                                           | 0.2        | 31.0        | 10.2                                             | 0.1        | 17.2        | 16.9                                                 | 0.2        | 27.9        |
| Sevastopol city                         |                                                |            |             |                                                  |            |             |                                                      |            |             |                                                |            |             |                                                  |            |             |                                                      |            |             |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |      | Crude incidence rate<br>per 100 000 of population |            |             | Number of deaths from<br>cancer registered in 2015* |   |     | Crude mortality rate<br>per 100 000 of population |            |             |
|--------------------------------------------------|---------------------------------------------------|----|------|---------------------------------------------------|------------|-------------|-----------------------------------------------------|---|-----|---------------------------------------------------|------------|-------------|
|                                                  | ♀                                                 | ♂  | ▲    | ♀                                                 | ♂          | ▲           | ♀                                                   | ♂ | ▲   | ♀                                                 | ♂          | ▲           |
| <b>Ukraine</b>                                   |                                                   |    |      | <b>36.4</b>                                       | <b>0.7</b> | <b>67.3</b> |                                                     |   |     | <b>15.4</b>                                       | <b>0.3</b> | <b>28.6</b> |
| AR Krym                                          |                                                   |    |      |                                                   |            |             |                                                     |   |     |                                                   |            |             |
| Vinnytska                                        | 574                                               | 4  | 570  | 35.8                                              | 0.5        | 66.0        | 219                                                 | 3 | 216 | 13.7                                              | 0.4        | 25.0        |
| Volynska                                         | 263                                               | 2  | 261  | 25.3                                              | 0.4        | 47.5        | 119                                                 | 0 | 119 | 11.4                                              | 0.0        | 21.6        |
| Dnipropetrovska                                  | 1364                                              | 8  | 1356 | 41.7                                              | 0.5        | 76.3        | 621                                                 | 5 | 616 | 19.0                                              | 0.3        | 34.7        |
| Donetska                                         |                                                   |    |      |                                                   |            |             |                                                     |   |     |                                                   |            |             |
| Zhytomyrska                                      | 398                                               | 5  | 393  | 31.7                                              | 0.9        | 58.4        | 186                                                 | 2 | 184 | 14.8                                              | 0.3        | 27.3        |
| Zakarpatska                                      | 303                                               | 2  | 301  | 24.1                                              | 0.3        | 46.1        | 133                                                 | 0 | 133 | 10.6                                              | 0.0        | 20.4        |
| Zaporizzka                                       | 699                                               | 6  | 693  | 39.6                                              | 0.7        | 72.2        | 361                                                 | 1 | 360 | 20.5                                              | 0.1        | 37.5        |
| Ivano-Frankivska                                 | 335                                               | 5  | 330  | 24.3                                              | 0.8        | 45.3        | 202                                                 | 5 | 197 | 14.6                                              | 0.8        | 27.1        |
| Kyivska                                          | 663                                               | 11 | 652  | 38.5                                              | 1.4        | 70.4        | 279                                                 | 1 | 278 | 16.2                                              | 0.1        | 30.0        |
| Kirovogradskra                                   | 417                                               | 5  | 412  | 42.8                                              | 1.1        | 78.2        | 168                                                 | 2 | 166 | 17.3                                              | 0.5        | 31.5        |
| Louganska                                        |                                                   |    |      |                                                   |            |             |                                                     |   |     |                                                   |            |             |
| Lvivska                                          | 833                                               | 10 | 823  | 33.1                                              | 0.8        | 62.1        | 341                                                 | 3 | 338 | 13.5                                              | 0.3        | 25.5        |
| Mykolajivska                                     | 499                                               | 2  | 497  | 42.9                                              | 0.4        | 79.5        | 186                                                 | 1 | 185 | 16.0                                              | 0.2        | 29.6        |
| Odesska                                          | 805                                               | 10 | 795  | 33.8                                              | 0.9        | 62.9        | 244                                                 | 1 | 243 | 10.2                                              | 0.1        | 19.2        |
| Poltavska                                        | 529                                               | 5  | 524  | 36.7                                              | 0.8        | 67.3        | 254                                                 | 2 | 252 | 17.6                                              | 0.3        | 32.4        |
| Rivnenska                                        | 291                                               | 2  | 289  | 25.1                                              | 0.4        | 47.4        | 155                                                 | 1 | 154 | 13.4                                              | 0.2        | 25.3        |
| Soumska                                          | 475                                               | 8  | 467  | 42.4                                              | 1.6        | 76.8        | 188                                                 | 1 | 187 | 16.8                                              | 0.2        | 30.7        |
| Ternopilska                                      | 302                                               | 2  | 300  | 28.3                                              | 0.4        | 52.7        | 137                                                 | 2 | 135 | 12.8                                              | 0.4        | 23.7        |
| Kharkivska                                       | 1031                                              | 7  | 1024 | 38.0                                              | 0.6        | 70.2        | 451                                                 | 3 | 448 | 16.6                                              | 0.2        | 30.7        |
| Khersonska                                       | 406                                               | 3  | 403  | 38.1                                              | 0.6        | 70.4        | 168                                                 | 0 | 168 | 15.8                                              | 0.0        | 29.4        |
| Khmelnitska                                      | 481                                               | 5  | 476  | 37.1                                              | 0.8        | 68.4        | 211                                                 | 1 | 210 | 16.3                                              | 0.2        | 30.2        |
| Cherkasska                                       | 519                                               | 4  | 515  | 41.6                                              | 0.7        | 76.1        | 210                                                 | 2 | 208 | 16.8                                              | 0.4        | 30.7        |
| Chernivetska                                     | 229                                               | 3  | 226  | 25.3                                              | 0.7        | 47.0        | 124                                                 | 3 | 121 | 13.7                                              | 0.7        | 25.2        |
| Chernigivska                                     | 357                                               | 2  | 355  | 34.1                                              | 0.4        | 62.1        | 164                                                 | 5 | 159 | 15.7                                              | 1.1        | 27.8        |
| Kyiv city                                        | 1423                                              | 11 | 1412 | 50.0                                              | 0.8        | 92.2        | 477                                                 | 1 | 476 | 16.8                                              | 0.1        | 31.1        |
| Sebastopol city                                  |                                                   |    |      |                                                   |            |             |                                                     |   |     |                                                   |            |             |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |            |              |
|-----------------------------|--------------------------------------------------------|-------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|------------|--------------|
|                             | I-II                                                   | III         | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂          | ▲            |
| <b>Ukraine</b>              | <b>78.6</b>                                            | <b>12.3</b> | <b>7.2</b> | <b>1.5</b>        | <b>9.9</b>                                                    | <b>45</b>                                        | <b>81.8</b>                            | <b>93.0</b>                            | <b>55.0</b>                                          | <b>373.1</b>                          | <b>4.8</b> | <b>692.1</b> |
| AR Krym                     |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |              |
| Vinnytska                   | 94.6                                                   | 2.7         | 2.3        | 0.0               | 11.2                                                          | 0                                                | 78.5                                   | 76.1                                   | 66.6                                                 | 351.4                                 | 3.8        | 648.9        |
| Volynska                    | 80.3                                                   | 5.6         | 12.0       | 1.2               | 9.3                                                           | 2                                                | 85.1                                   | 98.5                                   | 58.2                                                 | 279.1                                 | 1.4        | 526.7        |
| Dnipropetrovska             | 71.3                                                   | 16.9        | 8.7        | 2.6               | 11.5                                                          | 3                                                | 72.8                                   | 94.3                                   | 34.8                                                 | 405.8                                 | 3.9        | 744.2        |
| Donetska                    |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |              |
| Zhytomyrska                 | 70.7                                                   | 13.3        | 12.5       | 2.7               | 11.5                                                          | 0                                                | 85.6                                   | 100.0                                  | 47.7                                                 | 321.9                                 | 4.5        | 596.8        |
| Zakarpatska                 | 74.0                                                   | 16.1        | 7.5        | 0.7               | 8.9                                                           | 1                                                | 74.7                                   | 88.1                                   | 62.0                                                 | 231.5                                 | 2.8        | 442.5        |
| Zaporizzka                  | 71.4                                                   | 18.5        | 8.6        | 1.1               | 13.7                                                          | 9                                                | 81.2                                   | 93.1                                   | 70.3                                                 | 392.9                                 | 6.1        | 717.8        |
| Ivano-Frankivska            | 74.7                                                   | 14.7        | 8.8        | 0.9               | 7.0                                                           | 0                                                | 69.7                                   | 84.8                                   | 32.8                                                 | 244.0                                 | 3.7        | 459.3        |
| Kyivska                     | 75.1                                                   | 17.6        | 6.0        | 0.6               | 9.1                                                           | 1                                                | 78.0                                   | 87.8                                   | 55.8                                                 | 392.6                                 | 4.6        | 726.4        |
| Kirovogradskra              | 75.1                                                   | 13.3        | 11.3       | 0.0               | 7.6                                                           | 1                                                | 75.4                                   | 93.0                                   | 48.7                                                 | 370.9                                 | 4.7        | 682.2        |
| Louganska                   |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |              |
| Lvivska                     | 78.0                                                   | 13.6        | 6.1        | 1.8               | 7.5                                                           | 0                                                | 84.5                                   | 95.8                                   | 51.4                                                 | 310.6                                 | 4.5        | 586.1        |
| Mykolajivska                | 87.4                                                   | 7.0         | 5.6        | 0.0               | 10.3                                                          | 2                                                | 88.0                                   | 92.4                                   | 52.4                                                 | 440.1                                 | 4.7        | 814.8        |
| Odesska                     | 88.1                                                   | 7.5         | 4.1        | 0.3               | 6.5                                                           | 5                                                | 86.1                                   | 97.9                                   | 75.1                                                 | 459.7                                 | 7.2        | 860.5        |
| Poltavska                   | 72.2                                                   | 17.7        | 10.1       | 0.0               | 11.0                                                          | 0                                                | 81.2                                   | 97.0                                   | 39.7                                                 | 374.8                                 | 5.3        | 689.5        |
| Rivnenska                   | 68.8                                                   | 15.9        | 12.7       | 2.2               | 9.4                                                           | 0                                                | 79.3                                   | 95.2                                   | 55.1                                                 | 262.9                                 | 5.3        | 495.5        |
| Soumska                     | 89.6                                                   | 4.3         | 3.2        | 2.9               | 10.5                                                          | 0                                                | 85.6                                   | 92.0                                   | 49.5                                                 | 408.7                                 | 4.9        | 749.0        |
| Ternopilska                 | 83.0                                                   | 6.5         | 7.8        | 0.0               | 8.0                                                           | 0                                                | 91.8                                   | 95.4                                   | 56.1                                                 | 278.5                                 | 4.0        | 518.6        |
| Kharkivska                  | 81.9                                                   | 11.3        | 5.6        | 0.7               | 12.5                                                          | 3                                                | 81.1                                   | 89.3                                   | 55.9                                                 | 457.3                                 | 5.7        | 846.1        |
| Khersonska                  | 81.1                                                   | 8.1         | 10.0       | 0.3               | 9.3                                                           | 0                                                | 86.4                                   | 97.0                                   | 44.9                                                 | 403.6                                 | 4.9        | 747.9        |
| Khmelnitska                 | 90.7                                                   | 5.6         | 3.5        | 0.2               | 5.7                                                           | 0                                                | 85.3                                   | 88.8                                   | 49.2                                                 | 350.4                                 | 3.7        | 650.0        |
| Cherkasska                  | 74.5                                                   | 13.6        | 11.3       | 0.2               | 10.8                                                          | 2                                                | 79.8                                   | 90.4                                   | 42.8                                                 | 403.5                                 | 6.8        | 738.1        |
| Chernivetska                | 73.8                                                   | 14.0        | 9.5        | 2.7               | 7.9                                                           | 0                                                | 81.0                                   | 94.3                                   | 62.0                                                 | 277.0                                 | 5.2        | 518.0        |
| Chernigivska                | 72.2                                                   | 14.5        | 12.1       | 0.9               | 10.0                                                          | 2                                                | 88.2                                   | 95.0                                   | 41.7                                                 | 353.3                                 | 3.4        | 643.9        |
| Kyiv city                   | 77.6                                                   | 13.1        | 3.7        | 5.1               | 10.2                                                          | 14                                               | 87.2                                   | 98.2                                   | 78.5                                                 | 470.3                                 | 5.3        | 869.4        |
| Sebastopol city             |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |  |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|--|------|
| Incidence: number of new cases*                                           |                                         |  | 4101 |  | 4101 |
| Incidence (crude rate)                                                    |                                         |  | 11.3 |  | 21.1 |
| Incidence (age-standardized, world standard)                              |                                         |  | 8.1  |  | 15.0 |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 10.7 |  | 19.5 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |  |      |
| Mortality: number of new cases*                                           |                                         |  | 1807 |  | 1807 |
| Mortality (crude rate)                                                    |                                         |  | 5.0  |  | 9.3  |
| Mortality (age-standardized, world standard)                              |                                         |  | 3.3  |  | 5.9  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 4.6  |  | 8.2  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 15.0 |  | 15.0 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.2  |  | 0.2  |
| Microscopically verified diagnoses, %                                     |                                         |  | 99.2 |  | 99.2 |
| Diagnoses verified with histology, %                                      |                                         |  | 93.2 |  | 93.2 |
| Not specified morphology, %                                               |                                         |  | 3.5  |  | 3.5  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 50.0 |  | 50.0 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 85.2 |  | 85.2 |
| - surgical treatment only, %                                              |                                         |  | 16.6 |  | 16.6 |
| - combined or complex scheme of treatment, %                              |                                         |  | 28.4 |  | 28.4 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 1    |  | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  |  | 0.0  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 0    |  | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  |  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |  |      | Age-standardized incidence rate (world standard) |  |      | Age-standardized incidence rate (Ukrainian standard) |  |      | Crude mortality rate per 100 000 of population |  |      | Age-standardized mortality rate (world standard) |  |     | Age-standardized mortality rate (Ukrainian standard) |  |      |
|------------------------------------------------|------------------------------------------------|--|------|--------------------------------------------------|--|------|------------------------------------------------------|--|------|------------------------------------------------|--|------|--------------------------------------------------|--|-----|------------------------------------------------------|--|------|
|                                                |                                                |  |      |                                                  |  |      |                                                      |  |      |                                                |  |      |                                                  |  |     |                                                      |  |      |
| <b>Ukraine</b>                                 | 11.3                                           |  | 21.1 | 8.1                                              |  | 15.0 | 10.7                                                 |  | 19.5 | 5.0                                            |  | 9.3  | 3.3                                              |  | 5.9 | 4.6                                                  |  | 8.2  |
| AR Krym                                        |                                                |  |      |                                                  |  |      |                                                      |  |      |                                                |  |      |                                                  |  |     |                                                      |  |      |
| Vinnytska                                      | 13.3                                           |  | 24.6 | 9.7                                              |  | 18.1 | 12.7                                                 |  | 23.4 | 6.0                                            |  | 11.1 | 3.8                                              |  | 6.8 | 5.4                                                  |  | 9.6  |
| Volynska                                       | 9.7                                            |  | 18.4 | 7.8                                              |  | 14.9 | 10.1                                                 |  | 19.0 | 5.9                                            |  | 11.1 | 4.3                                              |  | 8.0 | 5.9                                                  |  | 10.6 |
| Dnipropetrovska                                | 11.8                                           |  | 21.7 | 8.4                                              |  | 15.4 | 11.0                                                 |  | 19.8 | 5.1                                            |  | 9.5  | 3.4                                              |  | 5.9 | 4.8                                                  |  | 8.3  |
| Donetska                                       |                                                |  |      |                                                  |  |      |                                                      |  |      |                                                |  |      |                                                  |  |     |                                                      |  |      |
| Zhytomyrska                                    | 14.7                                           |  | 27.5 | 11.1                                             |  | 20.9 | 14.3                                                 |  | 26.6 | 5.2                                            |  | 9.8  | 3.7                                              |  | 6.9 | 5.1                                                  |  | 9.2  |
| Zakarpatska                                    | 12.0                                           |  | 23.1 | 9.4                                              |  | 17.8 | 12.6                                                 |  | 23.4 | 4.7                                            |  | 9.0  | 3.6                                              |  | 6.6 | 5.0                                                  |  | 9.1  |
| Zaporizzka                                     | 9.1                                            |  | 16.8 | 6.2                                              |  | 11.4 | 8.2                                                  |  | 14.8 | 5.5                                            |  | 10.2 | 3.4                                              |  | 6.0 | 4.8                                                  |  | 8.3  |
| Ivano-Frankivska                               | 10.4                                           |  | 19.7 | 7.7                                              |  | 14.4 | 10.5                                                 |  | 19.3 | 3.9                                            |  | 7.4  | 2.7                                              |  | 5.0 | 3.8                                                  |  | 6.9  |
| Kyivska                                        | 11.9                                           |  | 22.2 | 8.4                                              |  | 15.5 | 11.4                                                 |  | 20.6 | 5.2                                            |  | 9.7  | 3.4                                              |  | 6.0 | 4.8                                                  |  | 8.3  |
| Kirovogradksa                                  | 18.2                                           |  | 33.7 | 13.3                                             |  | 24.7 | 17.4                                                 |  | 31.8 | 5.1                                            |  | 9.4  | 3.4                                              |  | 6.1 | 4.6                                                  |  | 8.3  |
| Louganska                                      |                                                |  |      |                                                  |  |      |                                                      |  |      |                                                |  |      |                                                  |  |     |                                                      |  |      |
| Lvivska                                        | 10.0                                           |  | 19.0 | 7.5                                              |  | 14.2 | 9.8                                                  |  | 18.4 | 5.0                                            |  | 9.4  | 3.5                                              |  | 6.5 | 4.8                                                  |  | 8.7  |
| Mykolajivska                                   | 9.4                                            |  | 17.5 | 6.6                                              |  | 12.2 | 8.8                                                  |  | 15.9 | 5.0                                            |  | 9.2  | 3.6                                              |  | 6.4 | 4.8                                                  |  | 8.5  |
| Odesska                                        | 13.7                                           |  | 25.8 | 10.0                                             |  | 18.6 | 13.2                                                 |  | 24.1 | 5.5                                            |  | 10.4 | 3.7                                              |  | 6.5 | 5.3                                                  |  | 9.1  |
| Poltavsk                                       | 11.8                                           |  | 21.8 | 8.0                                              |  | 14.8 | 10.8                                                 |  | 19.6 | 5.4                                            |  | 10.0 | 3.3                                              |  | 5.9 | 4.7                                                  |  | 8.3  |
| Rivnenska                                      | 12.0                                           |  | 22.8 | 9.7                                              |  | 18.5 | 12.5                                                 |  | 23.5 | 4.4                                            |  | 8.4  | 3.2                                              |  | 5.9 | 4.5                                                  |  | 8.0  |
| Soumska                                        | 9.5                                            |  | 17.4 | 6.2                                              |  | 11.5 | 8.2                                                  |  | 14.9 | 5.9                                            |  | 10.9 | 3.6                                              |  | 6.3 | 5.0                                                  |  | 8.7  |
| Ternopilska                                    | 11.1                                           |  | 20.8 | 8.2                                              |  | 15.4 | 11.1                                                 |  | 20.5 | 4.5                                            |  | 8.4  | 3.2                                              |  | 5.8 | 4.5                                                  |  | 8.1  |
| Kharkivska                                     | 9.8                                            |  | 18.2 | 6.6                                              |  | 12.0 | 8.8                                                  |  | 15.7 | 5.0                                            |  | 9.3  | 3.1                                              |  | 5.4 | 4.5                                                  |  | 7.7  |
| Khersonska                                     | 10.7                                           |  | 20.0 | 7.7                                              |  | 14.1 | 10.1                                                 |  | 18.3 | 4.2                                            |  | 7.8  | 3.0                                              |  | 5.6 | 4.0                                                  |  | 7.3  |
| Khmelnitska                                    | 13.3                                           |  | 24.7 | 9.5                                              |  | 17.7 | 12.4                                                 |  | 22.9 | 5.5                                            |  | 10.1 | 3.6                                              |  | 6.6 | 5.0                                                  |  | 9.0  |
| Cherkasska                                     | 11.8                                           |  | 21.7 | 8.2                                              |  | 15.3 | 10.7                                                 |  | 19.6 | 4.4                                            |  | 8.1  | 2.9                                              |  | 5.3 | 3.9                                                  |  | 7.0  |
| Chernivetska                                   | 10.6                                           |  | 20.0 | 7.9                                              |  | 14.6 | 10.5                                                 |  | 19.1 | 6.0                                            |  | 11.2 | 3.9                                              |  | 6.9 | 5.6                                                  |  | 9.8  |
| Chernigivska                                   | 7.8                                            |  | 14.4 | 5.2                                              |  | 9.6  | 6.9                                                  |  | 12.6 | 3.9                                            |  | 7.1  | 2.3                                              |  | 4.1 | 3.4                                                  |  | 5.8  |
| Kyiv city                                      | 9.4                                            |  | 17.6 | 6.6                                              |  | 12.0 | 8.9                                                  |  | 15.9 | 3.7                                            |  | 6.8  | 2.5                                              |  | 4.5 | 3.6                                                  |  | 6.3  |
| Sevastopol city                                |                                                |  |      |                                                  |  |      |                                                      |  |      |                                                |  |      |                                                  |  |     |                                                      |  |      |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |   |     | Crude incidence rate<br>per 100 000 of population |   |             | Number of deaths from<br>cancer registered in 2015* |   |     | Crude mortality rate<br>per 100 000 of population |   |            |
|--------------------------------------------------|---------------------------------------------------|---|-----|---------------------------------------------------|---|-------------|-----------------------------------------------------|---|-----|---------------------------------------------------|---|------------|
|                                                  | ♀                                                 | ♂ | ▲   | ♀                                                 | ♂ | ▲           | ♀                                                   | ♂ | ▲   | ♀                                                 | ♂ | ▲          |
| <b>Ukraine</b>                                   |                                                   |   |     | <b>10.5</b>                                       |   | <b>19.6</b> |                                                     |   |     | <b>4.4</b>                                        |   | <b>8.2</b> |
| AR Krym                                          |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Vinnytska                                        | 157                                               |   | 157 | 9.8                                               |   | 18.2        | 81                                                  |   | 81  | 5.1                                               |   | 9.4        |
| Volynska                                         | 102                                               |   | 102 | 9.8                                               |   | 18.6        | 53                                                  |   | 53  | 5.1                                               |   | 9.6        |
| Dnipropetrovska                                  | 392                                               |   | 392 | 12.0                                              |   | 22.1        | 140                                                 |   | 140 | 4.3                                               |   | 7.9        |
| Donetska                                         |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Zhytomyrska                                      | 193                                               |   | 193 | 15.4                                              |   | 28.7        | 92                                                  |   | 92  | 7.3                                               |   | 13.7       |
| Zakarpatska                                      | 122                                               |   | 122 | 9.7                                               |   | 18.7        | 40                                                  |   | 40  | 3.2                                               |   | 6.1        |
| Zaporizzka                                       | 153                                               |   | 153 | 8.7                                               |   | 16.0        | 72                                                  |   | 72  | 4.1                                               |   | 7.5        |
| Ivano-Frankivska                                 | 141                                               |   | 141 | 10.2                                              |   | 19.4        | 65                                                  |   | 65  | 4.7                                               |   | 8.9        |
| Kyivska                                          | 187                                               |   | 187 | 10.9                                              |   | 20.2        | 74                                                  |   | 74  | 4.3                                               |   | 8.0        |
| Kirovogradsk                                     | 175                                               |   | 175 | 18.0                                              |   | 33.2        | 47                                                  |   | 47  | 4.8                                               |   | 8.9        |
| Louganska                                        |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Lvivska                                          | 236                                               |   | 236 | 9.4                                               |   | 17.8        | 105                                                 |   | 105 | 4.2                                               |   | 7.9        |
| Mykolajivska                                     | 140                                               |   | 140 | 12.0                                              |   | 22.4        | 52                                                  |   | 52  | 4.5                                               |   | 8.3        |
| Odesska                                          | 230                                               |   | 230 | 9.6                                               |   | 18.2        | 82                                                  |   | 82  | 3.4                                               |   | 6.5        |
| Poltavska                                        | 183                                               |   | 183 | 12.7                                              |   | 23.5        | 86                                                  |   | 86  | 6.0                                               |   | 11.1       |
| Rivnenska                                        | 120                                               |   | 120 | 10.3                                              |   | 19.7        | 50                                                  |   | 50  | 4.3                                               |   | 8.2        |
| Soumska                                          | 121                                               |   | 121 | 10.8                                              |   | 19.9        | 51                                                  |   | 51  | 4.6                                               |   | 8.4        |
| Ternopilska                                      | 106                                               |   | 106 | 9.9                                               |   | 18.6        | 47                                                  |   | 47  | 4.4                                               |   | 8.3        |
| Kharkivska                                       | 224                                               |   | 224 | 8.3                                               |   | 15.4        | 113                                                 |   | 113 | 4.2                                               |   | 7.7        |
| Khersonska                                       | 103                                               |   | 103 | 9.7                                               |   | 18.0        | 52                                                  |   | 52  | 4.9                                               |   | 9.1        |
| Khmelnitska                                      | 166                                               |   | 166 | 12.8                                              |   | 23.8        | 71                                                  |   | 71  | 5.5                                               |   | 10.2       |
| Cherkasska                                       | 122                                               |   | 122 | 9.8                                               |   | 18.0        | 50                                                  |   | 50  | 4.0                                               |   | 7.4        |
| Chernivetska                                     | 63                                                |   | 63  | 7.0                                               |   | 13.1        | 35                                                  |   | 35  | 3.9                                               |   | 7.3        |
| Chernigivska                                     | 103                                               |   | 103 | 9.8                                               |   | 18.0        | 35                                                  |   | 35  | 3.3                                               |   | 6.1        |
| Kyiv city                                        | 267                                               |   | 267 | 9.4                                               |   | 17.4        | 106                                                 |   | 106 | 3.7                                               |   | 6.9        |
| Sebastopol city                                  |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |   |              |
|-----------------------------|--------------------------------------------------------|-------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|---|--------------|
|                             | I-II                                                   | III         | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂ | ▲            |
| <b>Ukraine</b>              | <b>80.3</b>                                            | <b>13.7</b> | <b>4.6</b> | <b>1.3</b>        | <b>15.0</b>                                                   | <b>6</b>                                         | <b>81.0</b>                            | <b>99.1</b>                            | <b>54.7</b>                                          | <b>143.4</b>                          |   | <b>267.7</b> |
| AR Krym                     |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Vinnytska                   | 93.1                                                   | 4.8         | 2.1        | 0.0               | 12.1                                                          | 0                                                | 86.9                                   | 100.0                                  | 60.7                                                 | 172.9                                 |   | 321.0        |
| Volynska                    | 83.0                                                   | 13.0        | 4.0        | 0.0               | 20.6                                                          | 0                                                | 90.0                                   | 100.0                                  | 45.0                                                 | 190.8                                 |   | 361.0        |
| Dnipropetrovska             | 75.1                                                   | 17.6        | 5.9        | 1.4               | 14.0                                                          | 0                                                | 73.8                                   | 99.2                                   | 35.9                                                 | 131.3                                 |   | 241.8        |
| Donetska                    |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Zhytomyrska                 | 74.3                                                   | 17.6        | 4.3        | 3.7               | 16.6                                                          | 0                                                | 81.8                                   | 100.0                                  | 58.8                                                 | 186.4                                 |   | 347.8        |
| Zakarpatska                 | 66.1                                                   | 29.7        | 4.2        | 0.0               | 14.3                                                          | 0                                                | 90.7                                   | 99.2                                   | 50.8                                                 | 139.2                                 |   | 267.6        |
| Zaporizzka                  | 75.4                                                   | 15.5        | 7.7        | 0.7               | 17.5                                                          | 2                                                | 62.7                                   | 96.1                                   | 55.6                                                 | 112.5                                 |   | 206.9        |
| Ivano-Frankivska            | 75.4                                                   | 22.5        | 1.4        | 0.7               | 12.0                                                          | 0                                                | 93.5                                   | 100.0                                  | 39.9                                                 | 117.8                                 |   | 223.4        |
| Kyivska                     | 76.6                                                   | 17.9        | 4.9        | 0.0               | 17.5                                                          | 0                                                | 77.2                                   | 99.5                                   | 68.5                                                 | 155.9                                 |   | 289.9        |
| Kirovogradsk                | 74.4                                                   | 17.4        | 7.6        | 0.0               | 11.4                                                          | 1                                                | 80.2                                   | 98.3                                   | 53.5                                                 | 155.4                                 |   | 287.5        |
| Louganska                   |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Lvivska                     | 85.3                                                   | 8.2         | 5.6        | 0.9               | 16.1                                                          | 0                                                | 87.9                                   | 99.6                                   | 62.8                                                 | 155.4                                 |   | 295.3        |
| Mykolajivska                | 90.4                                                   | 9.6         | 0.0        | 0.0               | 22.8                                                          | 1                                                | 82.2                                   | 97.9                                   | 63.7                                                 | 143.8                                 |   | 267.5        |
| Odesska                     | 88.4                                                   | 8.9         | 2.7        | 0.0               | 10.6                                                          | 1                                                | 76.9                                   | 99.6                                   | 77.8                                                 | 179.6                                 |   | 338.6        |
| Poltavska                   | 82.8                                                   | 11.5        | 5.7        | 0.0               | 17.1                                                          | 0                                                | 74.7                                   | 98.9                                   | 40.8                                                 | 140.0                                 |   | 259.3        |
| Rivnenska                   | 85.7                                                   | 10.1        | 3.4        | 0.8               | 9.8                                                           | 0                                                | 86.6                                   | 100.0                                  | 52.9                                                 | 129.0                                 |   | 245.5        |
| Soumska                     | 91.3                                                   | 2.6         | 4.3        | 1.7               | 16.2                                                          | 0                                                | 88.7                                   | 98.3                                   | 71.3                                                 | 140.9                                 |   | 259.7        |
| Ternopilska                 | 85.6                                                   | 6.7         | 7.7        | 0.0               | 12.8                                                          | 0                                                | 88.5                                   | 99.1                                   | 56.7                                                 | 153.1                                 |   | 287.0        |
| Kharkivska                  | 78.1                                                   | 17.2        | 1.4        | 2.8               | 18.3                                                          | 0                                                | 82.8                                   | 99.1                                   | 61.9                                                 | 121.4                                 |   | 225.9        |
| Khersonska                  | 79.4                                                   | 14.4        | 6.2        | 0.0               | 18.8                                                          | 0                                                | 76.3                                   | 100.0                                  | 44.3                                                 | 135.7                                 |   | 252.8        |
| Khmelnitska                 | 88.3                                                   | 6.1         | 5.5        | 0.0               | 11.7                                                          | 0                                                | 84.0                                   | 96.4                                   | 50.9                                                 | 131.9                                 |   | 245.9        |
| Cherkasska                  | 80.5                                                   | 14.4        | 5.1        | 0.0               | 9.7                                                           | 0                                                | 81.4                                   | 100.0                                  | 42.4                                                 | 172.2                                 |   | 317.4        |
| Chernivetska                | 72.1                                                   | 11.5        | 9.8        | 6.6               | 14.9                                                          | 0                                                | 86.9                                   | 96.8                                   | 72.1                                                 | 157.4                                 |   | 296.9        |
| Chernigivska                | 52.0                                                   | 37.0        | 10.0       | 0.0               | 21.3                                                          | 0                                                | 79.0                                   | 98.1                                   | 23.0                                                 | 126.0                                 |   | 230.6        |
| Kyiv city                   | 83.5                                                   | 6.6         | 2.5        | 7.0               | 18.3                                                          | 1                                                | 76.1                                   | 100.0                                  | 63.8                                                 | 109.0                                 |   | 202.6        |
| Sebastopol city             |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |  |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|--|------|
| Incidence: number of new cases*                                           |                                         |  | 6312 |  | 6312 |
| Incidence (crude rate)                                                    |                                         |  | 17.4 |  | 32.4 |
| Incidence (age-standardized, world standard)                              |                                         |  | 10.8 |  | 18.8 |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 16.2 |  | 27.6 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |  |      |
| Mortality: number of new cases*                                           |                                         |  | 1637 |  | 1637 |
| Mortality (crude rate)                                                    |                                         |  | 4.5  |  | 8.4  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.5  |  | 4.1  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 4.2  |  | 6.8  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 11.0 |  | 11.0 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.5  |  | 0.5  |
| Microscopically verified diagnoses, %                                     |                                         |  | 98.1 |  | 98.1 |
| Diagnoses verified with histology, %                                      |                                         |  | 95.9 |  | 95.9 |
| Not specified morphology, %                                               |                                         |  | 2.0  |  | 2.0  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 38.3 |  | 38.3 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 86.0 |  | 86.0 |
| - surgical treatment only, %                                              |                                         |  | 32.6 |  | 32.6 |
| - combined or complex scheme of treatment, %                              |                                         |  | 48.0 |  | 48.0 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 1    |  | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  |  | 0.0  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 0    |  | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  |  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |             | Age-standardized incidence rate (world standard) |             |             | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |  |  |
|------------------------------------------------|------------------------------------------------|-------------|-------------|--------------------------------------------------|-------------|-------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|--|--|
|                                                |                                                |             |             |                                                  |             |             |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |  |  |
| <b>Ukraine</b>                                 | <b>17.4</b>                                    | <b>32.4</b> | <b>10.8</b> |                                                  | <b>18.8</b> | <b>16.2</b> |                                                      | <b>27.6</b> | <b>4.5</b> |                                                | <b>8.4</b> | <b>2.5</b> |                                                  | <b>4.1</b> | <b>4.2</b> |                                                      | <b>6.8</b> |  |  |
| AR Krym                                        |                                                |             |             |                                                  |             |             |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |  |  |
| Vinnytska                                      | 16.8                                           | 31.2        | 10.4        |                                                  | 18.4        | 15.5        |                                                      | 26.8        | 4.8        |                                                | 9.0        | 2.5        |                                                  | 4.1        | 4.3        |                                                      | 7.0        |  |  |
| Volynska                                       | 13.1                                           | 24.8        | 9.5         |                                                  | 16.8        | 14.2        |                                                      | 24.6        | 2.7        |                                                | 5.1        | 2.0        |                                                  | 3.5        | 2.9        |                                                      | 5.1        |  |  |
| Dnipropetrovska                                | 17.8                                           | 32.7        | 10.6        |                                                  | 18.1        | 15.9        |                                                      | 26.5        | 4.4        |                                                | 8.1        | 2.2        |                                                  | 3.6        | 3.8        |                                                      | 6.0        |  |  |
| Donetska                                       |                                                |             |             |                                                  |             |             |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |  |  |
| Zhytomyrska                                    | 16.2                                           | 30.3        | 10.8        |                                                  | 19.1        | 15.4        |                                                      | 27.0        | 3.5        |                                                | 6.5        | 1.9        |                                                  | 3.2        | 3.2        |                                                      | 5.3        |  |  |
| Zakarpatska                                    | 10.7                                           | 20.5        | 7.8         |                                                  | 14.0        | 11.7        |                                                      | 20.6        | 3.2        |                                                | 6.1        | 2.2        |                                                  | 3.7        | 3.7        |                                                      | 6.3        |  |  |
| Zaporizzka                                     | 18.3                                           | 33.7        | 10.2        |                                                  | 17.2        | 15.7        |                                                      | 26.1        | 5.1        |                                                | 9.3        | 2.5        |                                                  | 4.1        | 4.3        |                                                      | 6.9        |  |  |
| Ivano-Frankivska                               | 13.3                                           | 25.3        | 9.2         |                                                  | 16.5        | 13.7        |                                                      | 24.1        | 3.0        |                                                | 5.6        | 1.8        |                                                  | 3.0        | 3.1        |                                                      | 5.1        |  |  |
| Kyivska                                        | 20.3                                           | 37.8        | 12.8        |                                                  | 22.1        | 18.9        |                                                      | 32.3        | 4.9        |                                                | 9.2        | 2.5        |                                                  | 4.2        | 4.4        |                                                      | 7.1        |  |  |
| Kirovogradksa                                  | 25.6                                           | 47.3        | 15.5        |                                                  | 27.1        | 22.6        |                                                      | 38.9        | 5.4        |                                                | 10.0       | 3.1        |                                                  | 5.2        | 4.7        |                                                      | 7.8        |  |  |
| Louganska                                      |                                                |             |             |                                                  |             |             |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |  |  |
| Lvivska                                        | 16.9                                           | 32.0        | 11.1        |                                                  | 19.8        | 16.6        |                                                      | 28.9        | 4.1        |                                                | 7.7        | 2.4        |                                                  | 4.0        | 4.1        |                                                      | 6.8        |  |  |
| Mykolajivska                                   | 15.8                                           | 29.3        | 9.1         |                                                  | 15.4        | 14.2        |                                                      | 23.6        | 4.1        |                                                | 7.6        | 2.3        |                                                  | 3.8        | 3.7        |                                                      | 6.1        |  |  |
| Odesska                                        | 15.0                                           | 28.3        | 9.6         |                                                  | 16.9        | 14.3        |                                                      | 24.5        | 4.9        |                                                | 9.2        | 2.7        |                                                  | 4.5        | 4.5        |                                                      | 7.3        |  |  |
| Poltavsk                                       | 18.6                                           | 34.3        | 10.7        |                                                  | 18.5        | 16.2        |                                                      | 27.4        | 6.1        |                                                | 11.2       | 3.1        |                                                  | 5.2        | 5.1        |                                                      | 8.3        |  |  |
| Rivnenska                                      | 14.3                                           | 27.1        | 10.5        |                                                  | 18.6        | 15.4        |                                                      | 26.9        | 3.3        |                                                | 6.2        | 2.1        |                                                  | 3.6        | 3.4        |                                                      | 5.6        |  |  |
| Soumska                                        | 18.8                                           | 34.5        | 10.9        |                                                  | 18.9        | 16.0        |                                                      | 27.4        | 6.0        |                                                | 11.1       | 3.3        |                                                  | 5.5        | 5.2        |                                                      | 8.6        |  |  |
| Ternopilska                                    | 17.0                                           | 31.9        | 11.5        |                                                  | 20.7        | 16.2        |                                                      | 28.8        | 4.8        |                                                | 8.9        | 2.8        |                                                  | 4.7        | 4.6        |                                                      | 7.6        |  |  |
| Kharkivska                                     | 19.1                                           | 35.4        | 11.0        |                                                  | 18.6        | 16.9        |                                                      | 28.1        | 4.9        |                                                | 9.1        | 2.6        |                                                  | 4.2        | 4.4        |                                                      | 7.0        |  |  |
| Khersonska                                     | 13.6                                           | 25.4        | 8.5         |                                                  | 14.6        | 12.8        |                                                      | 21.6        | 3.9        |                                                | 7.3        | 2.2        |                                                  | 3.7        | 3.8        |                                                      | 6.1        |  |  |
| Khmelnitska                                    | 17.8                                           | 33.2        | 10.9        |                                                  | 19.3        | 16.3        |                                                      | 28.2        | 4.8        |                                                | 9.0        | 2.6        |                                                  | 4.5        | 4.4        |                                                      | 7.3        |  |  |
| Cherkasska                                     | 20.0                                           | 36.8        | 11.5        |                                                  | 20.0        | 17.4        |                                                      | 29.7        | 4.9        |                                                | 9.1        | 2.6        |                                                  | 4.5        | 4.3        |                                                      | 7.1        |  |  |
| Chernivetska                                   | 14.9                                           | 28.1        | 9.8         |                                                  | 17.1        | 14.7        |                                                      | 25.3        | 4.1        |                                                | 7.7        | 2.7        |                                                  | 4.5        | 4.3        |                                                      | 7.1        |  |  |
| Chernigivska                                   | 18.2                                           | 33.4        | 10.4        |                                                  | 18.1        | 15.0        |                                                      | 25.7        | 3.2        |                                                | 5.9        | 1.3        |                                                  | 2.1        | 2.5        |                                                      | 3.9        |  |  |
| Kyiv city                                      | 21.3                                           | 39.6        | 13.5        |                                                  | 23.2        | 20.9        |                                                      | 35.4        | 5.3        |                                                | 9.9        | 3.0        |                                                  | 5.0        | 5.3        |                                                      | 8.7        |  |  |
| Sevastopol city                                |                                                |             |             |                                                  |             |             |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |  |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |   |     | Crude incidence rate<br>per 100 000 of population |   |             | Number of deaths from<br>cancer registered in 2015* |   |     | Crude mortality rate<br>per 100 000 of population |   |            |
|--------------------------------------------------|---------------------------------------------------|---|-----|---------------------------------------------------|---|-------------|-----------------------------------------------------|---|-----|---------------------------------------------------|---|------------|
|                                                  | ♀                                                 | ♂ | ▲   | ♀                                                 | ♂ | ▲           | ♀                                                   | ♂ | ▲   | ♀                                                 | ♂ | ▲          |
| <b>Ukraine</b>                                   |                                                   |   |     | <b>16.6</b>                                       |   | <b>31.0</b> |                                                     |   |     | <b>4.2</b>                                        |   | <b>7.8</b> |
| AR Krym                                          |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Vinnytska                                        | 281                                               |   | 281 | 17.5                                              |   | 32.5        | 69                                                  |   | 69  | 4.3                                               |   | 8.0        |
| Volynska                                         | 134                                               |   | 134 | 12.9                                              |   | 24.4        | 37                                                  |   | 37  | 3.6                                               |   | 6.7        |
| Dnipropetrovska                                  | 590                                               |   | 590 | 18.0                                              |   | 33.2        | 134                                                 |   | 134 | 4.1                                               |   | 7.5        |
| Donetska                                         |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Zhytomyrska                                      | 210                                               |   | 210 | 16.7                                              |   | 31.2        | 61                                                  |   | 61  | 4.9                                               |   | 9.1        |
| Zakarpatska                                      | 135                                               |   | 135 | 10.7                                              |   | 20.7        | 40                                                  |   | 40  | 3.2                                               |   | 6.1        |
| Zaporizzka                                       | 289                                               |   | 289 | 16.4                                              |   | 30.1        | 66                                                  |   | 66  | 3.7                                               |   | 6.9        |
| Ivano-Frankivska                                 | 151                                               |   | 151 | 10.9                                              |   | 20.8        | 50                                                  |   | 50  | 3.6                                               |   | 6.9        |
| Kyivska                                          | 310                                               |   | 310 | 18.0                                              |   | 33.5        | 73                                                  |   | 73  | 4.2                                               |   | 7.9        |
| Kirovogradsk                                     | 253                                               |   | 253 | 26.0                                              |   | 48.1        | 30                                                  |   | 30  | 3.1                                               |   | 5.7        |
| Louganska                                        |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Lvivska                                          | 401                                               |   | 401 | 15.9                                              |   | 30.2        | 109                                                 |   | 109 | 4.3                                               |   | 8.2        |
| Mykolajivska                                     | 189                                               |   | 189 | 16.2                                              |   | 30.2        | 47                                                  |   | 47  | 4.0                                               |   | 7.5        |
| Odesska                                          | 285                                               |   | 285 | 12.0                                              |   | 22.5        | 59                                                  |   | 59  | 2.5                                               |   | 4.7        |
| Poltavska                                        | 295                                               |   | 295 | 20.5                                              |   | 37.9        | 102                                                 |   | 102 | 7.1                                               |   | 13.1       |
| Rivnenska                                        | 166                                               |   | 166 | 14.3                                              |   | 27.2        | 46                                                  |   | 46  | 4.0                                               |   | 7.5        |
| Soumska                                          | 206                                               |   | 206 | 18.4                                              |   | 33.9        | 53                                                  |   | 53  | 4.7                                               |   | 8.7        |
| Ternopilska                                      | 185                                               |   | 185 | 17.3                                              |   | 32.5        | 37                                                  |   | 37  | 3.5                                               |   | 6.5        |
| Kharkivska                                       | 453                                               |   | 453 | 16.7                                              |   | 31.0        | 118                                                 |   | 118 | 4.4                                               |   | 8.1        |
| Khersonska                                       | 179                                               |   | 179 | 16.8                                              |   | 31.3        | 44                                                  |   | 44  | 4.1                                               |   | 7.7        |
| Khmelnitska                                      | 220                                               |   | 220 | 17.0                                              |   | 31.6        | 52                                                  |   | 52  | 4.0                                               |   | 7.5        |
| Cherkasska                                       | 199                                               |   | 199 | 15.9                                              |   | 29.4        | 56                                                  |   | 56  | 4.5                                               |   | 8.3        |
| Chernivetska                                     | 120                                               |   | 120 | 13.2                                              |   | 25.0        | 39                                                  |   | 39  | 4.3                                               |   | 8.1        |
| Chernigivska                                     | 189                                               |   | 189 | 18.1                                              |   | 33.0        | 46                                                  |   | 46  | 4.4                                               |   | 8.0        |
| Kyiv city                                        | 590                                               |   | 590 | 20.7                                              |   | 38.5        | 141                                                 |   | 141 | 5.0                                               |   | 9.2        |
| Sebastopol city                                  |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |            |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |   |              |
|-----------------------------|--------------------------------------------------------|------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|---|--------------|
|                             | I-II                                                   | III        | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂ | ▲            |
| <b>Ukraine</b>              | <b>81.3</b>                                            | <b>7.9</b> | <b>3.1</b> | <b>2.0</b>        | <b>11.0</b>                                                   | <b>32</b>                                        | <b>83.7</b>                            | <b>98.4</b>                            | <b>43.6</b>                                          | <b>194.7</b>                          |   | <b>363.3</b> |
| AR Krym                     |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Vinnytska                   | 84.3                                                   | 6.9        | 3.4        | 0.0               | 12.0                                                          | 0                                                | 82.0                                   | 96.8                                   | 37.9                                                 | 226.9                                 |   | 421.1        |
| Volynska                    | 79.0                                                   | 6.5        | 2.4        | 0.0               | 15.9                                                          | 1                                                | 87.9                                   | 99.3                                   | 18.5                                                 | 173.3                                 |   | 327.9        |
| Dnipropetrovska             | 84.5                                                   | 8.5        | 3.2        | 1.5               | 10.1                                                          | 4                                                | 77.7                                   | 98.6                                   | 20.8                                                 | 181.5                                 |   | 334.4        |
| Donetska                    |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Zhytomyrska                 | 82.9                                                   | 5.7        | 4.7        | 1.0               | 10.3                                                          | 1                                                | 86.5                                   | 100.0                                  | 40.9                                                 | 177.6                                 |   | 331.5        |
| Zakarpatska                 | 80.3                                                   | 8.2        | 5.7        | 0.0               | 10.2                                                          | 0                                                | 81.1                                   | 98.5                                   | 76.2                                                 | 115.1                                 |   | 221.4        |
| Zaporizzka                  | 81.0                                                   | 8.3        | 2.4        | 1.2               | 9.4                                                           | 7                                                | 68.8                                   | 97.6                                   | 42.3                                                 | 211.7                                 |   | 389.6        |
| Ivano-Frankivska            | 78.7                                                   | 10.6       | 3.5        | 0.7               | 6.4                                                           | 0                                                | 89.4                                   | 100.0                                  | 30.5                                                 | 139.2                                 |   | 263.9        |
| Kyivska                     | 78.2                                                   | 9.9        | 5.3        | 0.4               | 8.4                                                           | 0                                                | 87.7                                   | 98.7                                   | 58.8                                                 | 225.5                                 |   | 419.6        |
| Kirovogradsk                | 81.7                                                   | 8.8        | 1.3        | 0.0               | 11.1                                                          | 2                                                | 86.3                                   | 98.4                                   | 34.2                                                 | 232.0                                 |   | 429.2        |
| Louganska                   |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Lvivska                     | 75.5                                                   | 8.2        | 5.0        | 2.6               | 10.1                                                          | 0                                                | 86.6                                   | 98.3                                   | 45.0                                                 | 173.2                                 |   | 329.0        |
| Mykolajivska                | 83.7                                                   | 10.9       | 2.7        | 0.0               | 13.2                                                          | 4                                                | 83.7                                   | 98.4                                   | 57.6                                                 | 179.5                                 |   | 334.0        |
| Odesska                     | 88.9                                                   | 7.0        | 0.7        | 0.0               | 10.4                                                          | 4                                                | 86.3                                   | 100.0                                  | 28.8                                                 | 197.5                                 |   | 372.6        |
| Poltavska                   | 81.2                                                   | 9.9        | 5.0        | 0.4               | 17.4                                                          | 1                                                | 83.0                                   | 96.9                                   | 21.6                                                 | 208.0                                 |   | 385.0        |
| Rivnenska                   | 85.2                                                   | 3.2        | 4.5        | 0.6               | 9.9                                                           | 0                                                | 83.9                                   | 98.2                                   | 47.7                                                 | 151.5                                 |   | 288.3        |
| Soumska                     | 81.0                                                   | 9.0        | 2.1        | 1.1               | 12.4                                                          | 0                                                | 89.4                                   | 98.5                                   | 54.5                                                 | 207.4                                 |   | 382.2        |
| Ternopilska                 | 84.6                                                   | 5.3        | 3.0        | 0.0               | 9.2                                                           | 0                                                | 94.1                                   | 100.0                                  | 46.7                                                 | 215.7                                 |   | 404.4        |
| Kharkivska                  | 81.7                                                   | 8.6        | 1.9        | 5.6               | 11.1                                                          | 1                                                | 81.0                                   | 95.6                                   | 44.7                                                 | 225.7                                 |   | 420.1        |
| Khersonska                  | 81.0                                                   | 6.0        | 4.8        | 0.0               | 12.5                                                          | 0                                                | 87.5                                   | 100.0                                  | 28.0                                                 | 180.3                                 |   | 336.0        |
| Khmelnitska                 | 85.8                                                   | 7.1        | 0.5        | 0.0               | 9.7                                                           | 1                                                | 93.4                                   | 98.6                                   | 34.4                                                 | 176.0                                 |   | 328.0        |
| Cherkasska                  | 85.9                                                   | 6.5        | 2.7        | 0.0               | 10.6                                                          | 1                                                | 85.4                                   | 98.5                                   | 30.8                                                 | 197.7                                 |   | 364.6        |
| Chernivetska                | 81.8                                                   | 5.5        | 1.8        | 7.3               | 12.1                                                          | 1                                                | 82.7                                   | 97.5                                   | 72.7                                                 | 166.1                                 |   | 313.3        |
| Chernigivska                | 72.9                                                   | 8.2        | 6.5        | 6.5               | 9.6                                                           | 1                                                | 90.6                                   | 98.4                                   | 30.6                                                 | 217.4                                 |   | 397.9        |
| Kyiv city                   | 75.0                                                   | 8.2        | 1.3        | 7.4               | 12.7                                                          | 3                                                | 77.9                                   | 99.7                                   | 87.0                                                 | 231.3                                 |   | 429.9        |
| Sebastopol city             |                                                        |            |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |  |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|--|------|
| Incidence: number of new cases*                                           |                                         |  | 3494 |  | 3494 |
| Incidence (crude rate)                                                    |                                         |  | 9.6  |  | 17.9 |
| Incidence (age-standardized, world standard)                              |                                         |  | 6.4  |  | 11.5 |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 9.1  |  | 15.9 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |  |      |
| Mortality: number of new cases*                                           |                                         |  | 1886 |  | 1886 |
| Mortality (crude rate)                                                    |                                         |  | 5.2  |  | 9.7  |
| Mortality (age-standardized, world standard)                              |                                         |  | 3.2  |  | 5.5  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 4.8  |  | 8.2  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 27.2 |  | 27.2 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.9  |  | 0.9  |
| Microscopically verified diagnoses, %                                     |                                         |  | 90.3 |  | 90.3 |
| Diagnoses verified with histology, %                                      |                                         |  | 78.6 |  | 78.6 |
| Not specified morphology, %                                               |                                         |  | 8.2  |  | 8.2  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 19.0 |  | 19.0 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 81.8 |  | 81.8 |
| - surgical treatment only, %                                              |                                         |  | 13.1 |  | 13.1 |
| - combined or complex scheme of treatment, %                              |                                         |  | 53.1 |  | 53.1 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 22   |  | 22   |
|                                                                           | rate per 100 000 of children population |  | 0.3  |  | 0.6  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 4    |  | 4    |
|                                                                           | rate per 100 000 of children population |  | 0.0  |  | 0.1  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |  |             | Age-standardized incidence rate (world standard) |  |             | Age-standardized incidence rate (Ukrainian standard) |  |             | Crude mortality rate per 100 000 of population |  |            | Age-standardized mortality rate (world standard) |  |            | Age-standardized mortality rate (Ukrainian standard) |  |            |  |
|------------------------------------------------|------------------------------------------------|--|-------------|--------------------------------------------------|--|-------------|------------------------------------------------------|--|-------------|------------------------------------------------|--|------------|--------------------------------------------------|--|------------|------------------------------------------------------|--|------------|--|
|                                                |                                                |  |             |                                                  |  |             |                                                      |  |             |                                                |  |            |                                                  |  |            |                                                      |  |            |  |
| <b>Ukraine</b>                                 | <b>9.6</b>                                     |  | <b>17.9</b> | <b>6.4</b>                                       |  | <b>11.5</b> | <b>9.1</b>                                           |  | <b>15.9</b> | <b>5.2</b>                                     |  | <b>9.7</b> | <b>3.2</b>                                       |  | <b>5.5</b> | <b>4.8</b>                                           |  | <b>8.2</b> |  |
| AR Krym                                        |                                                |  |             |                                                  |  |             |                                                      |  |             |                                                |  |            |                                                  |  |            |                                                      |  |            |  |
| Vinnytska                                      | 10.6                                           |  | 19.6        | 7.0                                              |  | 12.7        | 9.9                                                  |  | 17.6        | 5.0                                            |  | 9.3        | 2.9                                              |  | 5.1        | 4.6                                                  |  | 7.7        |  |
| Volynska                                       | 7.3                                            |  | 13.8        | 5.3                                              |  | 9.6         | 7.4                                                  |  | 13.1        | 3.8                                            |  | 7.1        | 2.7                                              |  | 4.8        | 4.0                                                  |  | 6.9        |  |
| Dnipropetrovska                                | 9.7                                            |  | 17.9        | 6.3                                              |  | 11.1        | 8.9                                                  |  | 15.3        | 5.9                                            |  | 10.8       | 3.5                                              |  | 5.9        | 5.3                                                  |  | 8.8        |  |
| Donetska                                       |                                                |  |             |                                                  |  |             |                                                      |  |             |                                                |  |            |                                                  |  |            |                                                      |  |            |  |
| Zhytomyrska                                    | 8.7                                            |  | 16.3        | 5.9                                              |  | 10.7        | 8.0                                                  |  | 14.3        | 5.3                                            |  | 9.9        | 3.3                                              |  | 5.7        | 4.9                                                  |  | 8.4        |  |
| Zakarpatska                                    | 6.1                                            |  | 11.8        | 4.7                                              |  | 8.7         | 6.6                                                  |  | 11.9        | 4.0                                            |  | 7.7        | 2.9                                              |  | 5.3        | 4.4                                                  |  | 7.7        |  |
| Zaporizzka                                     | 11.6                                           |  | 21.3        | 7.5                                              |  | 13.2        | 10.5                                                 |  | 18.2        | 6.1                                            |  | 11.3       | 3.6                                              |  | 6.1        | 5.3                                                  |  | 8.9        |  |
| Ivano-Frankivska                               | 6.9                                            |  | 13.1        | 4.8                                              |  | 8.6         | 6.9                                                  |  | 12.3        | 4.9                                            |  | 9.2        | 3.2                                              |  | 5.6        | 5.1                                                  |  | 8.6        |  |
| Kyivska                                        | 12.2                                           |  | 22.6        | 8.1                                              |  | 14.6        | 11.4                                                 |  | 20.0        | 4.8                                            |  | 8.9        | 3.0                                              |  | 5.2        | 4.6                                                  |  | 7.9        |  |
| Kirovogradksa                                  | 9.4                                            |  | 17.3        | 6.1                                              |  | 10.9        | 8.3                                                  |  | 14.7        | 4.9                                            |  | 9.0        | 2.8                                              |  | 4.7        | 4.3                                                  |  | 7.2        |  |
| Louganska                                      |                                                |  |             |                                                  |  |             |                                                      |  |             |                                                |  |            |                                                  |  |            |                                                      |  |            |  |
| Lvivska                                        | 9.3                                            |  | 17.6        | 6.1                                              |  | 11.2        | 8.9                                                  |  | 15.7        | 4.7                                            |  | 8.9        | 2.8                                              |  | 4.8        | 4.4                                                  |  | 7.5        |  |
| Mykolajivska                                   | 8.1                                            |  | 15.1        | 5.4                                              |  | 9.6         | 7.8                                                  |  | 13.4        | 3.9                                            |  | 7.3        | 2.4                                              |  | 4.2        | 3.6                                                  |  | 6.1        |  |
| Odesska                                        | 9.4                                            |  | 17.6        | 6.6                                              |  | 11.9        | 9.1                                                  |  | 16.0        | 4.1                                            |  | 7.7        | 2.4                                              |  | 4.2        | 3.8                                                  |  | 6.4        |  |
| Poltavsk                                       | 9.8                                            |  | 18.1        | 6.1                                              |  | 11.0        | 8.7                                                  |  | 15.2        | 6.3                                            |  | 11.7       | 3.7                                              |  | 6.5        | 5.5                                                  |  | 9.4        |  |
| Rivnenska                                      | 9.9                                            |  | 18.9        | 7.6                                              |  | 13.9        | 10.9                                                 |  | 19.4        | 5.8                                            |  | 11.0       | 4.0                                              |  | 7.0        | 6.1                                                  |  | 10.4       |  |
| Soumska                                        | 10.4                                           |  | 19.2        | 6.2                                              |  | 11.1        | 8.9                                                  |  | 15.5        | 5.5                                            |  | 10.1       | 3.0                                              |  | 5.2        | 4.7                                                  |  | 7.9        |  |
| Ternopilska                                    | 7.9                                            |  | 14.9        | 5.1                                              |  | 9.1         | 7.4                                                  |  | 12.9        | 5.9                                            |  | 11.0       | 3.6                                              |  | 6.3        | 5.5                                                  |  | 9.4        |  |
| Kharkivska                                     | 11.1                                           |  | 20.6        | 7.0                                              |  | 12.3        | 9.9                                                  |  | 17.2        | 5.3                                            |  | 9.8        | 3.0                                              |  | 5.2        | 4.6                                                  |  | 7.7        |  |
| Khersonska                                     | 8.2                                            |  | 15.3        | 5.8                                              |  | 10.7        | 7.7                                                  |  | 13.8        | 4.9                                            |  | 9.1        | 3.0                                              |  | 5.3        | 4.4                                                  |  | 7.5        |  |
| Khmelnitska                                    | 9.8                                            |  | 18.3        | 6.4                                              |  | 11.6        | 9.1                                                  |  | 16.1        | 5.1                                            |  | 9.6        | 3.0                                              |  | 5.2        | 4.7                                                  |  | 8.0        |  |
| Cherkasska                                     | 10.4                                           |  | 19.1        | 6.9                                              |  | 12.6        | 9.7                                                  |  | 17.2        | 4.2                                            |  | 7.8        | 2.6                                              |  | 4.6        | 3.8                                                  |  | 6.6        |  |
| Chernivetska                                   | 8.4                                            |  | 15.8        | 6.0                                              |  | 10.8        | 8.2                                                  |  | 14.6        | 5.5                                            |  | 10.4       | 3.7                                              |  | 6.5        | 5.4                                                  |  | 9.2        |  |
| Chernigivska                                   | 10.0                                           |  | 18.3        | 6.6                                              |  | 12.0        | 9.0                                                  |  | 16.0        | 7.1                                            |  | 13.0       | 4.2                                              |  | 7.4        | 6.3                                                  |  | 10.8       |  |
| Kyiv city                                      | 10.6                                           |  | 19.7        | 7.1                                              |  | 12.5        | 10.3                                                 |  | 17.8        | 5.8                                            |  | 10.9       | 3.5                                              |  | 6.1        | 5.7                                                  |  | 9.5        |  |
| Sevastopol city                                |                                                |  |             |                                                  |  |             |                                                      |  |             |                                                |  |            |                                                  |  |            |                                                      |  |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |   |     | Crude incidence rate<br>per 100 000 of population |   |             | Number of deaths from<br>cancer registered in 2015* |   |     | Crude mortality rate<br>per 100 000 of population |   |            |
|--------------------------------------------------|---------------------------------------------------|---|-----|---------------------------------------------------|---|-------------|-----------------------------------------------------|---|-----|---------------------------------------------------|---|------------|
|                                                  | ♀                                                 | ♂ | ▲   | ♀                                                 | ♂ | ▲           | ♀                                                   | ♂ | ▲   | ♀                                                 | ♂ | ▲          |
| <b>Ukraine</b>                                   |                                                   |   |     | <b>8.8</b>                                        |   | <b>16.5</b> |                                                     |   |     | <b>4.9</b>                                        |   | <b>9.1</b> |
| AR Krym                                          |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Vinnytska                                        | 162                                               |   | 162 | 10.1                                              |   | 18.8        | 93                                                  |   | 93  | 5.8                                               |   | 10.8       |
| Volynska                                         | 76                                                |   | 76  | 7.3                                               |   | 13.8        | 34                                                  |   | 34  | 3.3                                               |   | 6.2        |
| Dnipropetrovska                                  | 260                                               |   | 260 | 7.9                                               |   | 14.6        | 148                                                 |   | 148 | 4.5                                               |   | 8.3        |
| Donetska                                         |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Zhytomyrska                                      | 96                                                |   | 96  | 7.6                                               |   | 14.3        | 66                                                  |   | 66  | 5.3                                               |   | 9.8        |
| Zakarpatska                                      | 77                                                |   | 77  | 6.1                                               |   | 11.8        | 38                                                  |   | 38  | 3.0                                               |   | 5.8        |
| Zaporizzka                                       | 171                                               |   | 171 | 9.7                                               |   | 17.8        | 96                                                  |   | 96  | 5.4                                               |   | 10.0       |
| Ivano-Frankivska                                 | 78                                                |   | 78  | 5.7                                               |   | 10.7        | 59                                                  |   | 59  | 4.3                                               |   | 8.1        |
| Kyivska                                          | 180                                               |   | 180 | 10.4                                              |   | 19.4        | 87                                                  |   | 87  | 5.1                                               |   | 9.4        |
| Kirovogradskra                                   | 117                                               |   | 117 | 12.0                                              |   | 22.2        | 55                                                  |   | 55  | 5.7                                               |   | 10.5       |
| Louganska                                        |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |
| Lvivska                                          | 247                                               |   | 247 | 9.8                                               |   | 18.6        | 138                                                 |   | 138 | 5.5                                               |   | 10.4       |
| Mykolajivska                                     | 90                                                |   | 90  | 7.7                                               |   | 14.4        | 51                                                  |   | 51  | 4.4                                               |   | 8.2        |
| Odesska                                          | 155                                               |   | 155 | 6.5                                               |   | 12.3        | 73                                                  |   | 73  | 3.1                                               |   | 5.8        |
| Poltavska                                        | 132                                               |   | 132 | 9.2                                               |   | 17.0        | 72                                                  |   | 72  | 5.0                                               |   | 9.3        |
| Rivnenska                                        | 105                                               |   | 105 | 9.1                                               |   | 17.2        | 56                                                  |   | 56  | 4.8                                               |   | 9.2        |
| Soumska                                          | 112                                               |   | 112 | 10.0                                              |   | 18.4        | 71                                                  |   | 71  | 6.3                                               |   | 11.7       |
| Ternopilska                                      | 89                                                |   | 89  | 8.3                                               |   | 15.6        | 58                                                  |   | 58  | 5.4                                               |   | 10.2       |
| Kharkivska                                       | 270                                               |   | 270 | 9.9                                               |   | 18.5        | 123                                                 |   | 123 | 4.5                                               |   | 8.4        |
| Khersonska                                       | 94                                                |   | 94  | 8.8                                               |   | 16.4        | 53                                                  |   | 53  | 5.0                                               |   | 9.3        |
| Khmelnitska                                      | 119                                               |   | 119 | 9.2                                               |   | 17.1        | 65                                                  |   | 65  | 5.0                                               |   | 9.3        |
| Cherkasska                                       | 130                                               |   | 130 | 10.4                                              |   | 19.2        | 79                                                  |   | 79  | 6.3                                               |   | 11.7       |
| Chernivetska                                     | 74                                                |   | 74  | 8.2                                               |   | 15.4        | 46                                                  |   | 46  | 5.1                                               |   | 9.6        |
| Chernigivska                                     | 91                                                |   | 91  | 8.7                                               |   | 15.9        | 47                                                  |   | 47  | 4.5                                               |   | 8.2        |
| Kyiv city                                        | 272                                               |   | 272 | 9.6                                               |   | 17.8        | 159                                                 |   | 159 | 5.6                                               |   | 10.4       |
| Sevastopol city                                  |                                                   |   |     |                                                   |   |             |                                                     |   |     |                                                   |   |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |   |              |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|---|--------------|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂ | ▲            |
| <b>Ukraine</b>              | <b>35.4</b>                                            | <b>45.4</b> | <b>13.4</b> | <b>3.5</b>        | <b>27.2</b>                                                   | <b>31</b>                                        | <b>81.6</b>                            | <b>89.2</b>                            | <b>22.3</b>                                          | <b>71.6</b>                           |   | <b>133.6</b> |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Vinnytska                   | 40.4                                                   | 41.1        | 16.4        | 0.0               | 25.3                                                          | 1                                                | 76.7                                   | 84.6                                   | 21.2                                                 | 74.5                                  |   | 138.2        |
| Volynska                    | 42.5                                                   | 39.7        | 11.0        | 4.1               | 29.2                                                          | 1                                                | 86.3                                   | 94.7                                   | 26.0                                                 | 71.0                                  |   | 134.4        |
| Dnipropetrovska             | 26.2                                                   | 51.9        | 16.0        | 4.2               | 30.0                                                          | 2                                                | 82.7                                   | 93.5                                   | 12.2                                                 | 63.7                                  |   | 117.4        |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Zhytomyrska                 | 25.5                                                   | 41.5        | 25.5        | 5.3               | 27.4                                                          | 1                                                | 81.9                                   | 96.9                                   | 16.0                                                 | 62.9                                  |   | 117.5        |
| Zakarpatska                 | 24.7                                                   | 50.7        | 21.9        | 1.4               | 36.1                                                          | 1                                                | 76.7                                   | 72.7                                   | 8.2                                                  | 46.9                                  |   | 90.1         |
| Zaporizzka                  | 39.3                                                   | 42.0        | 14.0        | 3.3               | 35.5                                                          | 8                                                | 67.3                                   | 83.0                                   | 26.7                                                 | 75.2                                  |   | 138.3        |
| Ivano-Frankivska            | 36.8                                                   | 44.7        | 15.8        | 0.0               | 33.3                                                          | 1                                                | 84.2                                   | 94.9                                   | 10.5                                                 | 44.1                                  |   | 83.7         |
| Kyivska                     | 43.6                                                   | 38.7        | 16.0        | 0.0               | 22.9                                                          | 0                                                | 85.9                                   | 87.2                                   | 31.3                                                 | 90.2                                  |   | 167.9        |
| Kirovogradskra              | 42.0                                                   | 42.0        | 15.2        | 0.0               | 22.6                                                          | 1                                                | 86.6                                   | 82.1                                   | 18.8                                                 | 78.8                                  |   | 145.9        |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |
| Lvivska                     | 38.5                                                   | 47.9        | 9.0         | 1.7               | 24.3                                                          | 1                                                | 86.3                                   | 92.7                                   | 21.8                                                 | 72.6                                  |   | 138.0        |
| Mykolajivska                | 36.3                                                   | 52.5        | 10.0        | 0.0               | 27.5                                                          | 0                                                | 83.8                                   | 90.0                                   | 38.8                                                 | 67.0                                  |   | 124.6        |
| Odesska                     | 36.4                                                   | 47.1        | 13.6        | 1.4               | 20.9                                                          | 2                                                | 82.9                                   | 98.7                                   | 7.1                                                  | 84.1                                  |   | 158.7        |
| Poltavska                   | 39.7                                                   | 51.2        | 9.1         | 0.0               | 32.3                                                          | 0                                                | 84.3                                   | 89.4                                   | 15.7                                                 | 66.6                                  |   | 123.3        |
| Rivnenska                   | 26.8                                                   | 53.6        | 9.3         | 5.2               | 27.8                                                          | 1                                                | 87.6                                   | 80.0                                   | 34.0                                                 | 67.1                                  |   | 127.6        |
| Soumska                     | 39.3                                                   | 47.7        | 10.3        | 1.9               | 22.1                                                          | 0                                                | 81.3                                   | 92.0                                   | 29.0                                                 | 81.6                                  |   | 150.4        |
| Ternopilska                 | 25.0                                                   | 53.6        | 14.3        | 2.4               | 25.0                                                          | 0                                                | 89.3                                   | 97.8                                   | 23.8                                                 | 81.3                                  |   | 152.4        |
| Kharkivska                  | 39.9                                                   | 43.1        | 9.1         | 5.1               | 24.2                                                          | 0                                                | 80.6                                   | 85.9                                   | 19.0                                                 | 79.9                                  |   | 148.8        |
| Khersonska                  | 24.7                                                   | 47.2        | 27.0        | 0.0               | 22.2                                                          | 1                                                | 78.7                                   | 80.9                                   | 20.2                                                 | 59.6                                  |   | 111.1        |
| Khmelnitska                 | 37.2                                                   | 54.9        | 2.7         | 2.7               | 34.1                                                          | 0                                                | 80.5                                   | 86.6                                   | 26.5                                                 | 66.3                                  |   | 123.6        |
| Cherkasska                  | 41.1                                                   | 47.6        | 8.9         | 0.8               | 24.4                                                          | 1                                                | 75.8                                   | 87.7                                   | 22.6                                                 | 82.8                                  |   | 152.6        |
| Chernivetska                | 19.1                                                   | 50.0        | 23.5        | 5.9               | 27.1                                                          | 1                                                | 80.9                                   | 79.7                                   | 11.8                                                 | 60.4                                  |   | 114.0        |
| Chernigivska                | 35.7                                                   | 31.0        | 26.2        | 3.6               | 27.0                                                          | 3                                                | 84.5                                   | 90.1                                   | 15.5                                                 | 72.1                                  |   | 132.0        |
| Kyiv city                   | 33.5                                                   | 35.3        | 8.1         | 18.6              | 28.9                                                          | 5                                                | 78.3                                   | 95.6                                   | 43.4                                                 | 75.5                                  |   | 140.3        |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |   |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |      |     |
|---------------------------------------------------------------------------|-----------------------------------------|------|-----|
|                                                                           | ♀                                       | ♂    | ●   |
| Incidence: number of new cases*                                           | 6851                                    | 6851 |     |
| Incidence (crude rate)                                                    | 18.9                                    | 40.6 |     |
| Incidence (age-standardized, world standard)                              | 9.7                                     | 26.2 |     |
| Incidence (age-standardized, Ukrainian standard)                          | 17.8                                    | 49.6 |     |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |      |     |
| Mortality: number of new cases*                                           | 3119                                    | 3119 |     |
| Mortality (crude rate)                                                    | 8.6                                     | 18.5 |     |
| Mortality (age-standardized, world standard)                              | 4.1                                     | 11.5 |     |
| Mortality (age-standardized, Ukrainian standard)                          | 7.8                                     | 22.5 |     |
| Lived less than 1 year since the diagnosis in 2014, %                     | 16.3                                    | 16.3 |     |
| From among the newly diagnosed – diagnosed post mortem, %                 | 0.7                                     | 0.7  |     |
| Microscopically verified diagnoses, %                                     | 91.3                                    | 91.3 |     |
| Diagnoses verified with histology, %                                      | 82.8                                    | 82.8 |     |
| Not specified morphology, %                                               | 9.8                                     | 9.8  |     |
| Patients diagnosed during the preventive medical examinations, %          | 22.0                                    | 22.0 |     |
| Newly diagnosed patients received the special treatment, %                | 77.2                                    | 77.2 |     |
| - surgical treatment only, %                                              | 23.1                                    | 23.1 |     |
| - combined or complex scheme of treatment, %                              | 17.2                                    | 17.2 |     |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  | 0    | 0   |
|                                                                           | rate per 100 000 of children population | 0.0  | 0.0 |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  | 0    | 0   |
|                                                                           | rate per 100 000 of children population | 0.0  | 0.0 |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |   | Age-standardized incidence rate (world standard) |             |   | Age-standardized incidence rate (Ukrainian standard) |             |   | Crude mortality rate per 100 000 of population |             |   | Age-standardized mortality rate (world standard) |             |   | Age-standardized mortality rate (Ukrainian standard) |             |   |
|------------------------------------------------|------------------------------------------------|-------------|---|--------------------------------------------------|-------------|---|------------------------------------------------------|-------------|---|------------------------------------------------|-------------|---|--------------------------------------------------|-------------|---|------------------------------------------------------|-------------|---|
|                                                | ♀                                              | ♂           | ● | ♀                                                | ♂           | ● | ♀                                                    | ♂           | ● | ♀                                              | ♂           | ● | ♀                                                | ♂           | ● | ♀                                                    | ♂           | ● |
| <b>Ukraine</b>                                 | <b>18.9</b>                                    | <b>40.6</b> |   | <b>9.7</b>                                       | <b>26.2</b> |   | <b>17.8</b>                                          | <b>49.6</b> |   | <b>8.6</b>                                     | <b>18.5</b> |   | <b>4.1</b>                                       | <b>11.5</b> |   | <b>7.8</b>                                           | <b>22.5</b> |   |
| AR Krym                                        |                                                |             |   |                                                  |             |   |                                                      |             |   |                                                |             |   |                                                  |             |   |                                                      |             |   |
| Vinnytska                                      | 17.4                                           | 37.7        |   | 8.4                                              | 22.6        |   | 15.3                                                 | 42.5        |   | 10.0                                           | 21.7        |   | 4.3                                              | 12.0        |   | 8.1                                                  | 23.7        |   |
| Volynska                                       | 15.1                                           | 32.1        |   | 9.5                                              | 26.0        |   | 17.3                                                 | 49.1        |   | 7.5                                            | 15.9        |   | 4.1                                              | 12.0        |   | 8.1                                                  | 24.4        |   |
| Dnipropetrovska                                | 18.1                                           | 39.5        |   | 8.9                                              | 24.9        |   | 16.2                                                 | 46.6        |   | 8.3                                            | 18.1        |   | 3.8                                              | 10.7        |   | 7.2                                                  | 20.8        |   |
| Donetska                                       |                                                |             |   |                                                  |             |   |                                                      |             |   |                                                |             |   |                                                  |             |   |                                                      |             |   |
| Zhytomyrska                                    | 16.1                                           | 34.6        |   | 7.9                                              | 21.5        |   | 14.5                                                 | 41.1        |   | 8.7                                            | 18.8        |   | 4.1                                              | 11.5        |   | 7.8                                                  | 22.5        |   |
| Zakarpatska                                    | 12.4                                           | 25.8        |   | 8.1                                              | 21.2        |   | 14.8                                                 | 40.0        |   | 6.2                                            | 13.0        |   | 3.8                                              | 10.2        |   | 7.5                                                  | 20.4        |   |
| Zaporizzka                                     | 20.8                                           | 45.6        |   | 10.1                                             | 28.3        |   | 18.4                                                 | 53.0        |   | 9.9                                            | 21.6        |   | 4.2                                              | 12.6        |   | 8.1                                                  | 24.7        |   |
| Ivano-Frankivska                               | 13.9                                           | 29.5        |   | 8.1                                              | 21.3        |   | 14.8                                                 | 40.4        |   | 8.8                                            | 18.7        |   | 4.9                                              | 13.5        |   | 9.3                                                  | 26.2        |   |
| Kyivska                                        | 18.3                                           | 39.5        |   | 9.3                                              | 25.7        |   | 17.2                                                 | 48.9        |   | 8.7                                            | 18.7        |   | 3.9                                              | 11.5        |   | 7.8                                                  | 23.6        |   |
| Kirovogradksa                                  | 23.0                                           | 50.2        |   | 10.4                                             | 28.4        |   | 19.2                                                 | 53.7        |   | 10.5                                           | 22.9        |   | 4.6                                              | 12.8        |   | 8.5                                                  | 24.3        |   |
| Louganska                                      |                                                |             |   |                                                  |             |   |                                                      |             |   |                                                |             |   |                                                  |             |   |                                                      |             |   |
| Lvivska                                        | 19.2                                           | 40.6        |   | 10.5                                             | 27.8        |   | 19.2                                                 | 52.3        |   | 7.2                                            | 15.3        |   | 3.8                                              | 10.3        |   | 6.9                                                  | 19.4        |   |
| Mykolajivska                                   | 19.4                                           | 41.9        |   | 9.9                                              | 27.0        |   | 18.3                                                 | 51.1        |   | 6.5                                            | 14.1        |   | 3.4                                              | 9.2         |   | 6.0                                                  | 16.9        |   |
| Odesska                                        | 20.3                                           | 43.3        |   | 10.8                                             | 28.4        |   | 19.7                                                 | 53.1        |   | 6.6                                            | 14.1        |   | 3.4                                              | 9.3         |   | 6.2                                                  | 17.5        |   |
| Poltavsk                                       | 18.2                                           | 39.6        |   | 8.4                                              | 22.7        |   | 15.7                                                 | 43.3        |   | 10.3                                           | 22.4        |   | 4.3                                              | 11.9        |   | 8.4                                                  | 23.8        |   |
| Rivnenska                                      | 11.3                                           | 23.9        |   | 7.0                                              | 19.1        |   | 13.2                                                 | 36.9        |   | 7.2                                            | 15.1        |   | 4.0                                              | 11.5        |   | 7.7                                                  | 22.8        |   |
| Soumska                                        | 16.1                                           | 35.2        |   | 7.4                                              | 20.2        |   | 13.6                                                 | 38.4        |   | 8.9                                            | 19.6        |   | 4.0                                              | 11.1        |   | 7.5                                                  | 21.8        |   |
| Ternopilska                                    | 12.9                                           | 27.7        |   | 6.9                                              | 18.6        |   | 12.4                                                 | 34.8        |   | 8.9                                            | 19.1        |   | 4.4                                              | 12.0        |   | 8.2                                                  | 23.3        |   |
| Kharkivska                                     | 20.5                                           | 44.4        |   | 10.2                                             | 27.9        |   | 18.5                                                 | 52.2        |   | 9.0                                            | 19.4        |   | 4.2                                              | 11.8        |   | 8.0                                                  | 23.0        |   |
| Khersonska                                     | 32.6                                           | 70.3        |   | 16.2                                             | 44.7        |   | 30.6                                                 | 86.9        |   | 9.1                                            | 19.5        |   | 4.4                                              | 12.6        |   | 8.5                                                  | 25.1        |   |
| Khmelnitska                                    | 18.6                                           | 40.2        |   | 8.8                                              | 24.1        |   | 16.6                                                 | 47.1        |   | 9.9                                            | 21.4        |   | 4.4                                              | 12.4        |   | 8.6                                                  | 25.0        |   |
| Cherkasska                                     | 19.2                                           | 42.0        |   | 8.8                                              | 24.0        |   | 16.1                                                 | 44.9        |   | 11.4                                           | 24.9        |   | 4.9                                              | 13.1        |   | 9.2                                                  | 25.5        |   |
| Chernivetska                                   | 15.2                                           | 32.5        |   | 9.1                                              | 23.8        |   | 16.4                                                 | 43.7        |   | 8.5                                            | 18.1        |   | 4.1                                              | 11.8        |   | 8.1                                                  | 24.1        |   |
| Chernigivska                                   | 20.1                                           | 44.4        |   | 8.4                                              | 24.0        |   | 15.9                                                 | 46.9        |   | 8.3                                            | 18.3        |   | 3.4                                              | 9.6         |   | 6.6                                                  | 19.2        |   |
| Kyiv city                                      | 25.1                                           | 54.3        |   | 13.8                                             | 36.3        |   | 25.9                                                 | 69.2        |   | 8.8                                            | 19.1        |   | 4.5                                              | 12.4        |   | 9.0                                                  | 24.8        |   |
| Sevastopol city                                |                                                |             |   |                                                  |             |   |                                                      |             |   |                                                |             |   |                                                  |             |   |                                                      |             |   |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |   | Crude incidence rate<br>per 100 000 of population |             |   | Number of deaths from<br>cancer registered in 2015* |     |   | Crude mortality rate<br>per 100 000 of population |             |   |
|--------------------------------------------------|---------------------------------------------------|-----|---|---------------------------------------------------|-------------|---|-----------------------------------------------------|-----|---|---------------------------------------------------|-------------|---|
|                                                  | ♀                                                 | ♂   | ▲ | ♀                                                 | ♂           | ▲ | ♀                                                   | ♂   | ▲ | ♀                                                 | ♂           | ▲ |
| <b>Ukraine</b>                                   |                                                   |     |   | <b>17.1</b>                                       | <b>36.9</b> |   |                                                     |     |   | <b>8.3</b>                                        | <b>17.8</b> |   |
| AR Krym                                          |                                                   |     |   |                                                   |             |   |                                                     |     |   |                                                   |             |   |
| Vinnytska                                        | 255                                               | 255 |   | 15.9                                              | 34.5        |   | 171                                                 | 171 |   | 10.7                                              | 23.1        |   |
| Volynska                                         | 147                                               | 147 | 0 | 14.1                                              | 30.0        |   | 95                                                  | 95  |   | 9.1                                               | 19.4        |   |
| Dnipropetrovska                                  | 576                                               | 576 | 0 | 17.6                                              | 38.5        |   | 283                                                 | 283 |   | 8.7                                               | 18.9        |   |
| Donetska                                         |                                                   |     |   |                                                   |             |   |                                                     |     |   |                                                   |             |   |
| Zhytomyrska                                      | 188                                               | 188 | 0 | 15.0                                              | 32.2        |   | 128                                                 | 128 |   | 10.2                                              | 21.9        |   |
| Zakarpatska                                      | 130                                               | 130 | 0 | 10.3                                              | 21.6        |   | 77                                                  | 77  |   | 6.1                                               | 12.8        |   |
| Zaporizzka                                       | 326                                               | 326 | 0 | 18.5                                              | 40.5        |   | 150                                                 | 150 |   | 8.5                                               | 18.6        |   |
| Ivano-Frankivska                                 | 185                                               | 185 | 0 | 13.4                                              | 28.4        |   | 100                                                 | 100 |   | 7.3                                               | 15.3        |   |
| Kyivska                                          | 271                                               | 271 | 0 | 15.7                                              | 34.0        |   | 143                                                 | 143 |   | 8.3                                               | 17.9        |   |
| Kirovogradskra                                   | 211                                               | 211 | 0 | 21.7                                              | 47.1        |   | 97                                                  | 97  |   | 10.0                                              | 21.7        |   |
| Louganska                                        |                                                   |     |   |                                                   |             |   |                                                     |     |   |                                                   |             |   |
| Lvivska                                          | 453                                               | 453 | 0 | 18.0                                              | 38.0        |   | 201                                                 | 201 |   | 8.0                                               | 16.8        |   |
| Mykolajivska                                     | 221                                               | 221 | 0 | 19.0                                              | 41.1        |   | 69                                                  | 69  |   | 5.9                                               | 12.8        |   |
| Odesska                                          | 363                                               | 363 | 0 | 15.2                                              | 32.4        |   | 107                                                 | 107 |   | 4.5                                               | 9.6         |   |
| Poltavska                                        | 218                                               | 218 | 0 | 15.1                                              | 32.9        |   | 140                                                 | 140 |   | 9.7                                               | 21.1        |   |
| Rivnenska                                        | 116                                               | 116 | 0 | 10.0                                              | 21.1        |   | 59                                                  | 59  |   | 5.1                                               | 10.7        |   |
| Soumska                                          | 209                                               | 209 | 0 | 18.6                                              | 40.8        |   | 80                                                  | 80  |   | 7.1                                               | 15.6        |   |
| Ternopilska                                      | 172                                               | 172 | 0 | 16.1                                              | 34.6        |   | 83                                                  | 83  |   | 7.8                                               | 16.7        |   |
| Kharkivska                                       | 506                                               | 506 | 0 | 18.6                                              | 40.3        |   | 225                                                 | 225 |   | 8.3                                               | 17.9        |   |
| Khersonska                                       | 285                                               | 285 | 0 | 26.7                                              | 57.7        |   | 111                                                 | 111 |   | 10.4                                              | 22.5        |   |
| Khmelnitska                                      | 235                                               | 235 | 0 | 18.1                                              | 39.1        |   | 136                                                 | 136 |   | 10.5                                              | 22.6        |   |
| Cherkasska                                       | 228                                               | 228 | 0 | 18.3                                              | 39.9        |   | 125                                                 | 125 |   | 10.0                                              | 21.9        |   |
| Chernivetska                                     | 103                                               | 103 | 0 | 11.4                                              | 24.2        |   | 70                                                  | 70  |   | 7.7                                               | 16.4        |   |
| Chernigivska                                     | 195                                               | 195 | 0 | 18.6                                              | 41.0        |   | 93                                                  | 93  |   | 8.9                                               | 19.6        |   |
| Kyiv city                                        | 620                                               | 620 | 0 | 21.8                                              | 47.2        |   | 260                                                 | 260 |   | 9.1                                               | 19.8        |   |
| Sevastopol city                                  |                                                   |     |   |                                                   |             |   |                                                     |     |   |                                                   |             |   |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |              |   |
|-----------------------------|--------------------------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|--------------|---|
|                             | I-II                                                   | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂            | ▲ |
| <b>Ukraine</b>              | <b>43.3</b>                                            | <b>24.2</b> | <b>19.9</b> | <b>12.3</b>       | <b>16.3</b>                                                   | <b>45</b>                                        | <b>74.7</b>                            | <b>90.6</b>                            | <b>23.2</b>                                          | <b>95.2</b>                           | <b>205.1</b> |   |
| AR Krym                     |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |   |
| Vinnytska                   | 38.9                                                   | 46.0        | 15.0        | 0.0               | 18.5                                                          | 0                                                | 58.4                                   | 76.5                                   | 16.8                                                 | 90.1                                  | 195.2        |   |
| Volynska                    | 44.3                                                   | 21.4        | 21.4        | 12.9              | 14.7                                                          | 0                                                | 89.3                                   | 94.6                                   | 20.0                                                 | 87.5                                  | 185.6        |   |
| Dnipropetrovska             | 45.0                                                   | 12.8        | 18.4        | 23.8              | 18.3                                                          | 0                                                | 56.1                                   | 92.5                                   | 4.3                                                  | 80.5                                  | 176.1        |   |
| Donetska                    |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |   |
| Zhytomyrska                 | 25.0                                                   | 20.9        | 25.0        | 27.3              | 17.5                                                          | 1                                                | 13.4                                   | 80.3                                   | 7.6                                                  | 61.6                                  | 132.7        |   |
| Zakarpatska                 | 23.8                                                   | 5.7         | 47.5        | 21.3              | 15.9                                                          | 2                                                | 57.4                                   | 95.4                                   | 3.3                                                  | 61.3                                  | 127.7        |   |
| Zaporizzka                  | 30.0                                                   | 14.8        | 12.0        | 42.8              | 14.3                                                          | 9                                                | 65.7                                   | 79.4                                   | 11.0                                                 | 97.5                                  | 213.6        |   |
| Ivano-Frankivska            | 53.9                                                   | 20.8        | 15.2        | 9.0               | 20.6                                                          | 1                                                | 88.8                                   | 94.6                                   | 17.4                                                 | 66.4                                  | 140.5        |   |
| Kyivska                     | 57.1                                                   | 12.6        | 18.1        | 12.2              | 18.6                                                          | 0                                                | 61.0                                   | 84.5                                   | 20.1                                                 | 82.2                                  | 177.8        |   |
| Kirovogradskra              | 55.1                                                   | 16.8        | 28.1        | 0.0               | 15.0                                                          | 3                                                | 65.8                                   | 100.0                                  | 15.3                                                 | 84.2                                  | 183.2        |   |
| Louganska                   |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |   |
| Lvivska                     | 31.6                                                   | 38.8        | 17.3        | 12.0              | 14.8                                                          | 0                                                | 85.5                                   | 92.3                                   | 5.8                                                  | 106.3                                 | 224.3        |   |
| Mykolajivska                | 33.5                                                   | 47.1        | 18.9        | 0.0               | 15.5                                                          | 1                                                | 85.0                                   | 95.9                                   | 38.8                                                 | 123.5                                 | 267.0        |   |
| Odesska                     | 53.8                                                   | 29.9        | 14.8        | 1.5               | 9.1                                                           | 3                                                | 77.9                                   | 100.0                                  | 11.0                                                 | 132.9                                 | 282.8        |   |
| Poltavska                   | 24.6                                                   | 37.7        | 36.7        | 1.0               | 21.5                                                          | 0                                                | 59.3                                   | 90.4                                   | 12.1                                                 | 72.4                                  | 157.4        |   |
| Rivnenska                   | 68.9                                                   | 10.4        | 16.0        | 4.7               | 25.2                                                          | 0                                                | 51.9                                   | 67.2                                   | 19.8                                                 | 48.9                                  | 103.0        |   |
| Soumska                     | 70.4                                                   | 16.9        | 7.9         | 4.8               | 20.7                                                          | 0                                                | 96.3                                   | 91.9                                   | 38.1                                                 | 61.9                                  | 135.3        |   |
| Ternopilska                 | 43.3                                                   | 28.7        | 27.4        | 0.6               | 12.9                                                          | 0                                                | 95.1                                   | 92.4                                   | 25.6                                                 | 78.7                                  | 168.4        |   |
| Kharkivska                  | 27.9                                                   | 24.2        | 20.4        | 26.4              | 14.6                                                          | 4                                                | 70.5                                   | 88.7                                   | 30.1                                                 | 116.4                                 | 251.6        |   |
| Khersonska                  | 42.7                                                   | 19.1        | 37.8        | 0.4               | 13.1                                                          | 1                                                | 91.2                                   | 98.9                                   | 70.6                                                 | 172.9                                 | 373.2        |   |
| Khmelnitska                 | 48.2                                                   | 29.4        | 8.3         | 14.2              | 20.8                                                          | 0                                                | 75.2                                   | 87.7                                   | 8.7                                                  | 74.3                                  | 160.4        |   |
| Cherkasska                  | 28.6                                                   | 42.9        | 27.6        | 1.0               | 21.5                                                          | 4                                                | 90.0                                   | 86.8                                   | 16.2                                                 | 90.9                                  | 198.7        |   |
| Chernivetska                | 43.3                                                   | 11.1        | 8.9         | 36.7              | 21.9                                                          | 3                                                | 81.1                                   | 93.2                                   | 34.4                                                 | 82.3                                  | 175.0        |   |
| Chernigivska                | 61.7                                                   | 10.4        | 25.7        | 2.2               | 17.0                                                          | 1                                                | 90.2                                   | 81.5                                   | 16.9                                                 | 82.3                                  | 181.4        |   |
| Kyiv city                   | 55.2                                                   | 22.1        | 13.3        | 9.4               | 14.1                                                          | 12                                               | 93.9                                   | 97.6                                   | 61.7                                                 | 139.6                                 | 302.2        |   |
| Sevastopol city             |                                                        |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |              |   |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 4527 | 2611 | 1916 |
| Incidence (crude rate)                                                    |                                         |  | 12.5 | 15.5 | 9.8  |
| Incidence (age-standardized, world standard)                              |                                         |  | 8.1  | 11.1 | 5.9  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 11.7 | 16.7 | 8.4  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1988 | 1304 | 684  |
| Mortality (crude rate)                                                    |                                         |  | 5.5  | 7.7  | 3.5  |
| Mortality (age-standardized, world standard)                              |                                         |  | 3.2  | 5.3  | 1.8  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 5.1  | 8.7  | 2.8  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 25.2 | 28.1 | 21.1 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 47.3 | 40.7 | 56.4 |
| Microscopically verified diagnoses, %                                     |                                         |  | 70.4 | 69.6 | 71.5 |
| Diagnoses verified with histology, %                                      |                                         |  | 67.9 | 66.9 | 69.3 |
| Not specified morphology, %                                               |                                         |  | 6.8  | 7.0  | 6.6  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 17.8 | 16.5 | 19.6 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 68.5 | 67.4 | 70.1 |
| - surgical treatment only, %                                              |                                         |  | 54.3 | 51.1 | 58.8 |
| - combined or complex scheme of treatment, %                              |                                         |  | 9.0  | 10.0 | 7.6  |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 73   | 28   | 45   |
|                                                                           | rate per 100 000 of children population |  | 1.1  | 0.8  | 1.4  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 13   | 3    | 10   |
|                                                                           | rate per 100 000 of children population |  | 0.2  | 0.0  | 0.3  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |            | Age-standardized incidence rate (world standard) |             |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|-------------|------------|--------------------------------------------------|-------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |             |            |                                                  |             |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>12.5</b>                                    | <b>15.5</b> | <b>9.8</b> | <b>8.1</b>                                       | <b>11.1</b> | <b>5.9</b> | <b>11.7</b>                                          | <b>16.7</b> | <b>8.4</b> | <b>5.5</b>                                     | <b>7.7</b> | <b>3.5</b> | <b>3.2</b>                                       | <b>5.3</b> | <b>1.8</b> | <b>5.1</b>                                           | <b>8.7</b> | <b>2.8</b> |  |
| AR Krym                                        |                                                |             |            |                                                  |             |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 14.3                                           | 16.8        | 12.2       | 9.1                                              | 11.7        | 7.4        | 13.4                                                 | 17.9        | 10.4       | 6.3                                            | 9.2        | 3.8        | 3.7                                              | 6.2        | 2.0        | 5.7                                                  | 9.9        | 3.0        |  |
| Volynska                                       | 11.5                                           | 14.1        | 9.1        | 8.4                                              | 11.1        | 6.6        | 12.1                                                 | 16.9        | 8.8        | 4.1                                            | 4.3        | 4.0        | 3.0                                              | 3.6        | 2.7        | 4.5                                                  | 5.7        | 3.6        |  |
| Dnipropetrovsk                                 | 11.5                                           | 15.2        | 8.5        | 7.1                                              | 10.6        | 4.9        | 10.4                                                 | 16.1        | 6.8        | 5.7                                            | 7.5        | 4.1        | 3.2                                              | 4.9        | 2.2        | 5.1                                                  | 8.2        | 3.3        |  |
| Donetska                                       |                                                |             |            |                                                  |             |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 13.5                                           | 17.6        | 10.0       | 9.3                                              | 12.8        | 6.7        | 12.9                                                 | 18.6        | 8.7        | 4.6                                            | 7.2        | 2.4        | 2.7                                              | 4.9        | 1.3        | 4.2                                                  | 8.0        | 1.8        |  |
| Zakarpatska                                    | 7.5                                            | 11.0        | 4.3        | 5.8                                              | 9.1         | 3.1        | 8.1                                                  | 13.1        | 4.4        | 3.3                                            | 4.7        | 2.0        | 2.4                                              | 3.9        | 1.2        | 3.5                                                  | 5.4        | 2.0        |  |
| Zaporizzka                                     | 12.6                                           | 14.4        | 11.1       | 7.3                                              | 9.7         | 5.7        | 11.2                                                 | 15.3        | 8.7        | 5.7                                            | 7.4        | 4.3        | 2.8                                              | 4.7        | 1.7        | 4.8                                                  | 8.0        | 2.9        |  |
| Ivano-Frankivska                               | 11.2                                           | 13.4        | 9.3        | 8.1                                              | 10.0        | 7.1        | 11.4                                                 | 16.0        | 8.8        | 4.8                                            | 7.2        | 2.6        | 2.8                                              | 5.0        | 1.3        | 4.9                                                  | 8.9        | 2.4        |  |
| Kyivska                                        | 13.4                                           | 17.9        | 9.5        | 9.0                                              | 12.9        | 6.4        | 12.7                                                 | 18.9        | 8.8        | 5.6                                            | 8.0        | 3.6        | 3.2                                              | 5.4        | 1.7        | 5.1                                                  | 9.0        | 2.8        |  |
| Kirovogradsk                                   | 15.6                                           | 18.9        | 12.8       | 9.6                                              | 13.4        | 6.9        | 13.5                                                 | 18.9        | 9.9        | 7.4                                            | 10.0       | 5.3        | 4.2                                              | 6.7        | 2.5        | 6.5                                                  | 10.4       | 3.9        |  |
| Louganska                                      |                                                |             |            |                                                  |             |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 11.9                                           | 14.0        | 10.1       | 8.1                                              | 10.3        | 6.7        | 11.6                                                 | 15.5        | 9.1        | 5.2                                            | 7.1        | 3.4        | 3.1                                              | 5.0        | 1.8        | 5.0                                                  | 8.2        | 2.9        |  |
| Mykolajivska                                   | 13.3                                           | 15.6        | 11.3       | 8.6                                              | 11.4        | 6.9        | 12.6                                                 | 17.6        | 9.7        | 4.9                                            | 8.9        | 1.4        | 2.8                                              | 6.2        | 0.6        | 4.4                                                  | 9.6        | 1.1        |  |
| Odesska                                        | 12.5                                           | 16.0        | 9.5        | 8.2                                              | 11.8        | 5.6        | 12.0                                                 | 17.7        | 8.2        | 4.5                                            | 5.6        | 3.5        | 2.7                                              | 4.0        | 1.8        | 4.2                                                  | 6.2        | 2.8        |  |
| Poltavsk                                       | 14.0                                           | 16.8        | 11.6       | 8.2                                              | 10.7        | 6.5        | 12.3                                                 | 16.7        | 9.4        | 6.4                                            | 8.0        | 5.1        | 3.4                                              | 5.0        | 2.5        | 5.6                                                  | 8.4        | 3.9        |  |
| Rivnenska                                      | 11.8                                           | 14.0        | 9.9        | 8.8                                              | 11.7        | 6.3        | 12.9                                                 | 16.7        | 9.7        | 5.9                                            | 9.1        | 3.0        | 4.3                                              | 8.0        | 1.7        | 6.8                                                  | 12.6       | 2.9        |  |
| Soumska                                        | 15.5                                           | 18.0        | 13.4       | 9.6                                              | 12.2        | 7.9        | 13.5                                                 | 18.0        | 10.5       | 7.2                                            | 11.2       | 3.8        | 3.8                                              | 6.7        | 1.9        | 5.9                                                  | 10.9       | 2.7        |  |
| Ternopilska                                    | 10.1                                           | 13.6        | 7.0        | 6.8                                              | 9.9         | 4.5        | 10.0                                                 | 14.9        | 6.6        | 5.1                                            | 7.8        | 2.6        | 2.7                                              | 5.1        | 1.2        | 4.7                                                  | 9.2        | 2.0        |  |
| Kharkivska                                     | 13.9                                           | 16.7        | 11.4       | 8.1                                              | 11.4        | 5.9        | 12.4                                                 | 17.5        | 9.1        | 6.9                                            | 9.9        | 4.3        | 3.9                                              | 6.7        | 1.9        | 6.2                                                  | 10.6       | 3.2        |  |
| Khersonska                                     | 13.4                                           | 16.5        | 10.8       | 8.8                                              | 12.2        | 6.5        | 12.5                                                 | 18.0        | 8.9        | 5.4                                            | 6.3        | 4.7        | 3.4                                              | 4.5        | 2.6        | 5.2                                                  | 7.1        | 3.9        |  |
| Khmelnitska                                    | 12.7                                           | 16.6        | 9.3        | 8.1                                              | 11.3        | 5.7        | 11.4                                                 | 16.7        | 7.8        | 6.4                                            | 11.1       | 2.4        | 3.7                                              | 7.2        | 1.2        | 5.7                                                  | 11.5       | 1.9        |  |
| Cherkasska                                     | 10.4                                           | 12.5        | 8.5        | 6.3                                              | 8.1         | 5.1        | 9.0                                                  | 12.0        | 7.0        | 4.7                                            | 6.3        | 3.4        | 2.5                                              | 3.7        | 1.5        | 3.9                                                  | 5.9        | 2.5        |  |
| Chernivetska                                   | 7.7                                            | 10.4        | 5.4        | 5.6                                              | 7.9         | 3.8        | 7.9                                                  | 11.6        | 5.0        | 5.3                                            | 7.5        | 3.3        | 3.4                                              | 5.8        | 1.6        | 5.8                                                  | 10.2       | 2.9        |  |
| Chernigivska                                   | 13.6                                           | 18.3        | 9.7        | 8.4                                              | 12.8        | 5.1        | 11.9                                                 | 18.4        | 7.4        | 5.5                                            | 7.9        | 3.5        | 2.9                                              | 5.0        | 1.3        | 4.6                                                  | 7.8        | 2.4        |  |
| Kyiv city                                      | 12.8                                           | 16.3        | 9.9        | 8.3                                              | 11.9        | 5.7        | 12.5                                                 | 18.4        | 8.6        | 4.9                                            | 7.0        | 3.0        | 3.0                                              | 5.0        | 1.6        | 4.9                                                  | 8.4        | 2.6        |  |
| Sevastopol city                                |                                                |             |            |                                                  |             |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 - Incidence and mortality, 2015 | Number of new cancer cases registered in 2015* |     |     | Crude incidence rate per 100 000 of population |             |            | Number of deaths from cancer registered in 2015* |     |    | Crude mortality rate per 100 000 of population |            |            |
|-----------------------------------------|------------------------------------------------|-----|-----|------------------------------------------------|-------------|------------|--------------------------------------------------|-----|----|------------------------------------------------|------------|------------|
|                                         | ♀                                              | ♂   | ▲   | ♀                                              | ♂           | ▲          | ♀                                                | ♂   | ▲  | ♀                                              | ♂          | ▲          |
| <b>Ukraine</b>                          |                                                |     |     | <b>11.7</b>                                    | <b>15.0</b> | <b>8.8</b> |                                                  |     |    | <b>5.1</b>                                     | <b>7.3</b> | <b>3.2</b> |
| AR Krym                                 |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |
| Vinnytska                               | 201                                            | 116 | 85  | 12.5                                           | 15.7        | 9.8        | 102                                              | 72  | 30 | 6.4                                            | 9.7        | 3.5        |
| Volynska                                | 147                                            | 91  | 56  | 14.1                                           | 18.6        | 10.2       | 55                                               | 41  | 14 | 5.3                                            | 8.4        | 2.6        |
| Dnipropetrovska                         | 403                                            | 236 | 167 | 12.3                                           | 15.8        | 9.4        | 173                                              | 113 | 60 | 5.3                                            | 7.6        | 3.4        |
| Donetska                                |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |
| Zhytomyrska                             | 147                                            | 88  | 59  | 11.7                                           | 15.1        | 8.8        | 70                                               | 47  | 23 | 5.6                                            | 8.1        | 3.4        |
| Zakarpatska                             | 82                                             | 51  | 31  | 6.5                                            | 8.5         | 4.7        | 37                                               | 29  | 8  | 2.9                                            | 4.8        | 1.2        |
| Zaporizzka                              | 204                                            | 126 | 78  | 11.6                                           | 15.6        | 8.1        | 86                                               | 50  | 36 | 4.9                                            | 6.2        | 3.8        |
| Ivano-Frankivska                        | 149                                            | 96  | 53  | 10.8                                           | 14.7        | 7.3        | 81                                               | 49  | 32 | 5.9                                            | 7.5        | 4.4        |
| Kyivska                                 | 180                                            | 107 | 73  | 10.4                                           | 13.4        | 7.9        | 100                                              | 74  | 26 | 5.8                                            | 9.3        | 2.8        |
| Kirovogradksa                           | 140                                            | 78  | 62  | 14.4                                           | 17.4        | 11.8       | 53                                               | 34  | 19 | 5.4                                            | 7.6        | 3.6        |
| Louganska                               |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |
| Lvivska                                 | 319                                            | 197 | 122 | 12.7                                           | 16.5        | 9.2        | 110                                              | 75  | 35 | 4.4                                            | 6.3        | 2.6        |
| Mykolajivska                            | 127                                            | 74  | 53  | 10.9                                           | 13.8        | 8.5        | 39                                               | 24  | 15 | 3.4                                            | 4.5        | 2.4        |
| Odesska                                 | 271                                            | 166 | 105 | 11.4                                           | 14.8        | 8.3        | 75                                               | 58  | 17 | 3.1                                            | 5.2        | 1.3        |
| Poltavska                               | 190                                            | 116 | 74  | 13.2                                           | 17.5        | 9.5        | 106                                              | 74  | 32 | 7.4                                            | 11.2       | 4.1        |
| Rivnenska                               | 128                                            | 75  | 53  | 11.0                                           | 13.6        | 8.7        | 57                                               | 39  | 18 | 4.9                                            | 7.1        | 3.0        |
| Soumska                                 | 213                                            | 131 | 82  | 19.0                                           | 25.5        | 13.5       | 83                                               | 55  | 28 | 7.4                                            | 10.7       | 4.6        |
| Ternopilska                             | 110                                            | 60  | 50  | 10.3                                           | 12.1        | 8.8        | 65                                               | 42  | 23 | 6.1                                            | 8.4        | 4.0        |
| Kharkivska                              | 261                                            | 144 | 117 | 9.6                                            | 11.5        | 8.0        | 136                                              | 86  | 50 | 5.0                                            | 6.9        | 3.4        |
| Khersonska                              | 120                                            | 62  | 58  | 11.3                                           | 12.6        | 10.1       | 48                                               | 32  | 16 | 4.5                                            | 6.5        | 2.8        |
| Khmelnitska                             | 157                                            | 94  | 63  | 12.1                                           | 15.6        | 9.1        | 72                                               | 45  | 27 | 5.6                                            | 7.5        | 3.9        |
| Cherkasska                              | 146                                            | 89  | 57  | 11.7                                           | 15.6        | 8.4        | 76                                               | 51  | 25 | 6.1                                            | 8.9        | 3.7        |
| Chernivetska                            | 67                                             | 43  | 24  | 7.4                                            | 10.1        | 5.0        | 35                                               | 23  | 12 | 3.9                                            | 5.4        | 2.5        |
| Chernigivska                            | 136                                            | 83  | 53  | 13.0                                           | 17.5        | 9.3        | 65                                               | 44  | 21 | 6.2                                            | 9.3        | 3.7        |
| Kyiv city                               | 339                                            | 204 | 135 | 11.9                                           | 15.5        | 8.8        | 123                                              | 77  | 46 | 4.3                                            | 5.9        | 3.0        |
| Sebastopol city                         |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 - Rates, 2015 | Stage distribution of new cases according to TNM, % |             |             |                | Lived less than 1 year since diagnosis in 2014, % | of which diagnosed post-mortem in 2014* | Received special treatment, % | Microscopically verified, % | During the preventive examination, % | Patients per 100 000 of population |              |             |
|-----------------------|-----------------------------------------------------|-------------|-------------|----------------|---------------------------------------------------|-----------------------------------------|-------------------------------|-----------------------------|--------------------------------------|------------------------------------|--------------|-------------|
|                       | I-II                                                | III         | IV          | Not determined |                                                   |                                         |                               |                             |                                      | ♀                                  | ♂            | ▲           |
| <b>Ukraine</b>        | <b>55.4</b>                                         | <b>17.1</b> | <b>22.8</b> | <b>3.1</b>     | <b>25.2</b>                                       | <b>49</b>                               | <b>67.4</b>                   | <b>68.5</b>                 | <b>20.1</b>                          | <b>89.1</b>                        | <b>100.0</b> | <b>79.7</b> |
| AR Krym               |                                                     |             |             |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |
| Vinnytska             | 64.1                                                | 15.3        | 18.8        | 0.0            | 28.0                                              | 2                                       | 58.8                          | 57.2                        | 11.8                                 | 87.8                               | 96.5         | 80.3        |
| Volynska              | 52.2                                                | 11.0        | 31.6        | 2.9            | 23.9                                              | 1                                       | 73.5                          | 59.9                        | 40.4                                 | 86.9                               | 90.6         | 83.7        |
| Dnipropetrovska       | 50.5                                                | 14.8        | 27.6        | 4.9            | 30.2                                              | 4                                       | 65.8                          | 68.2                        | 5.2                                  | 82.0                               | 92.4         | 73.2        |
| Donetska              |                                                     |             |             |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |
| Zhytomyrska           | 51.9                                                | 9.8         | 34.6        | 1.5            | 20.2                                              | 1                                       | 58.6                          | 66.0                        | 18.0                                 | 88.0                               | 98.4         | 79.0        |
| Zakarpatska           | 41.8                                                | 19.0        | 34.2        | 0.0            | 29.0                                              | 2                                       | 74.7                          | 75.6                        | 0.0                                  | 51.1                               | 57.5         | 45.1        |
| Zaporizzka            | 57.5                                                | 12.8        | 25.1        | 2.2            | 24.9                                              | 6                                       | 57.5                          | 60.3                        | 16.8                                 | 88.2                               | 97.7         | 80.3        |
| Ivano-Frankivska      | 45.1                                                | 21.5        | 31.9        | 0.7            | 24.8                                              | 1                                       | 59.7                          | 62.4                        | 14.6                                 | 68.4                               | 75.9         | 61.7        |
| Kyivska               | 49.1                                                | 22.5        | 27.2        | 0.6            | 19.2                                              | 0                                       | 66.3                          | 75.0                        | 8.3                                  | 91.4                               | 96.5         | 87.0        |
| Kirovogradksa         | 61.1                                                | 13.5        | 25.4        | 0.0            | 24.4                                              | 1                                       | 54.8                          | 52.1                        | 10.3                                 | 84.3                               | 86.0         | 82.8        |
| Louganska             |                                                     |             |             |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |
| Lvivska               | 58.6                                                | 20.3        | 17.6        | 2.4            | 22.3                                              | 1                                       | 70.8                          | 72.4                        | 24.7                                 | 94.0                               | 107.9        | 81.4        |
| Mykolajivska          | 52.7                                                | 23.2        | 23.2        | 0.0            | 27.5                                              | 5                                       | 71.4                          | 63.0                        | 36.6                                 | 95.7                               | 103.9        | 88.6        |
| Odesska               | 66.3                                                | 21.3        | 10.5        | 0.0            | 18.4                                              | 3                                       | 74.4                          | 92.6                        | 4.3                                  | 103.2                              | 117.8        | 90.3        |
| Poltavska             | 56.8                                                | 17.5        | 25.7        | 0.0            | 24.2                                              | 0                                       | 56.8                          | 55.8                        | 14.2                                 | 98.4                               | 110.3        | 88.3        |
| Rivnenska             | 65.3                                                | 8.5         | 22.0        | 2.5            | 22.6                                              | 0                                       | 72.0                          | 72.7                        | 48.3                                 | 95.9                               | 108.5        | 84.6        |
| Soumska               | 65.5                                                | 10.8        | 15.3        | 6.4            | 21.1                                              | 1                                       | 74.9                          | 67.6                        | 20.2                                 | 111.6                              | 129.3        | 96.7        |
| Ternopilska           | 53.7                                                | 12.0        | 33.3        | 0.0            | 28.4                                              | 1                                       | 74.1                          | 57.3                        | 21.3                                 | 75.3                               | 83.6         | 68.0        |
| Kharkivska            | 48.1                                                | 28.6        | 12.9        | 8.7            | 32.3                                              | 4                                       | 62.7                          | 64.8                        | 12.0                                 | 87.0                               | 97.5         | 77.9        |
| Khersonska            | 61.8                                                | 6.4         | 29.1        | 0.0            | 29.5                                              | 4                                       | 73.6                          | 75.0                        | 17.3                                 | 85.2                               | 92.3         | 79.2        |
| Khmelnitska           | 52.4                                                | 34.0        | 11.6        | 0.0            | 23.0                                              | 1                                       | 78.9                          | 75.8                        | 11.6                                 | 89.6                               | 99.7         | 80.9        |
| Cherkasska            | 52.2                                                | 16.7        | 29.0        | 2.2            | 25.8                                              | 1                                       | 70.3                          | 68.5                        | 20.3                                 | 85.2                               | 104.0        | 69.3        |
| Chernivetska          | 32.8                                                | 16.4        | 36.1        | 13.1           | 29.9                                              | 5                                       | 67.2                          | 65.7                        | 9.8                                  | 66.2                               | 81.7         | 52.4        |
| Chernigivska          | 51.5                                                | 15.4        | 30.8        | 0.0            | 32.5                                              | 1                                       | 61.5                          | 62.5                        | 20.8                                 | 97.4                               | 108.0        | 88.6        |
| Kyiv city             | 58.1                                                | 12.5        | 15.8        | 12.2           | 21.5                                              | 4                                       | 72.6                          | 78.2                        | 62.7                                 | 106.2                              | 123.7        | 91.2        |
| Sebastopol city       |                                                     |             |             |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 4258 | 3462 | 796  |
| Incidence (crude rate)                                                    |                                         |  | 11.7 | 20.5 | 4.1  |
| Incidence (age-standardized, world standard)                              |                                         |  | 6.4  | 13.6 | 1.9  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 10.9 | 23.8 | 3.2  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1760 | 1485 | 275  |
| Mortality (crude rate)                                                    |                                         |  | 4.8  | 8.8  | 1.4  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.4  | 5.6  | 0.5  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 4.4  | 10.5 | 1.0  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 21.9 | 21.7 | 23.0 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.8  | 0.7  | 1.4  |
| Microscopically verified diagnoses, %                                     |                                         |  | 85.2 | 86.0 | 81.9 |
| Diagnoses verified with histology, %                                      |                                         |  | 77.6 | 78.3 | 74.5 |
| Not specified morphology, %                                               |                                         |  | 8.3  | 8.0  | 9.8  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 15.9 | 16.2 | 14.2 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 77.9 | 78.7 | 74.5 |
| - surgical treatment only, %                                              |                                         |  | 47.6 | 47.9 | 46.1 |
| - combined or complex scheme of treatment, %                              |                                         |  | 24.2 | 24.4 | 23.4 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 1    | 1    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 1    | 0    | 1    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |      |     | Age-standardized incidence rate (world standard) |      |     | Age-standardized incidence rate (Ukrainian standard) |      |     | Crude mortality rate per 100 000 of population |      |     | Age-standardized mortality rate (world standard) |     |     | Age-standardized mortality rate (Ukrainian standard) |      |     |
|------------------------------------------------|------------------------------------------------|------|-----|--------------------------------------------------|------|-----|------------------------------------------------------|------|-----|------------------------------------------------|------|-----|--------------------------------------------------|-----|-----|------------------------------------------------------|------|-----|
|                                                |                                                |      |     |                                                  |      |     |                                                      |      |     |                                                |      |     |                                                  |     |     |                                                      |      |     |
| <b>Ukraine</b>                                 | 11.7                                           | 20.5 | 4.1 | 6.4                                              | 13.6 | 1.9 | 10.9                                                 | 23.8 | 3.2 | 4.8                                            | 8.8  | 1.4 | 2.4                                              | 5.6 | 0.5 | 4.4                                                  | 10.5 | 1.0 |
| AR Krym                                        |                                                |      |     |                                                  |      |     |                                                      |      |     |                                                |      |     |                                                  |     |     |                                                      |      |     |
| Vinnytska                                      | 14.4                                           | 25.6 | 4.8 | 7.7                                              | 16.3 | 2.0 | 12.7                                                 | 27.2 | 3.5 | 6.6                                            | 12.7 | 1.5 | 3.0                                              | 7.4 | 0.4 | 5.5                                                  | 13.7 | 0.8 |
| Volynska                                       | 8.3                                            | 13.7 | 3.5 | 5.5                                              | 10.9 | 2.0 | 9.4                                                  | 19.2 | 3.4 | 3.2                                            | 5.7  | 0.9 | 2.1                                              | 4.8 | 0.3 | 3.4                                                  | 7.9  | 0.6 |
| Dnipropetrovsk                                 | 11.6                                           | 20.8 | 4.0 | 6.1                                              | 13.2 | 1.8 | 10.3                                                 | 23.2 | 3.0 | 5.4                                            | 10.1 | 1.4 | 2.6                                              | 6.3 | 0.5 | 4.8                                                  | 11.8 | 1.0 |
| Donetska                                       |                                                |      |     |                                                  |      |     |                                                      |      |     |                                                |      |     |                                                  |     |     |                                                      |      |     |
| Zhytomyrska                                    | 12.0                                           | 22.0 | 3.3 | 6.6                                              | 14.8 | 1.5 | 11.0                                                 | 25.5 | 2.6 | 5.3                                            | 10.2 | 1.0 | 2.5                                              | 6.4 | 0.4 | 4.7                                                  | 12.4 | 0.7 |
| Zakarpatska                                    | 5.9                                            | 10.8 | 1.4 | 4.0                                              | 8.6  | 0.9 | 6.5                                                  | 14.2 | 1.5 | 2.6                                            | 5.0  | 0.5 | 1.7                                              | 4.0 | 0.2 | 3.0                                                  | 7.2  | 0.4 |
| Zaporizzka                                     | 15.6                                           | 25.8 | 6.9 | 7.6                                              | 15.7 | 2.8 | 13.3                                                 | 28.4 | 4.8 | 5.6                                            | 9.6  | 2.2 | 2.3                                              | 5.3 | 0.7 | 4.5                                                  | 10.8 | 1.3 |
| Ivano-Frankivska                               | 8.8                                            | 17.0 | 1.5 | 5.3                                              | 12.5 | 0.7 | 9.2                                                  | 22.2 | 1.2 | 5.1                                            | 10.0 | 0.7 | 2.9                                              | 7.4 | 0.2 | 5.3                                                  | 13.6 | 0.4 |
| Kyivska                                        | 11.9                                           | 22.1 | 3.1 | 6.7                                              | 15.2 | 1.4 | 10.9                                                 | 25.8 | 2.3 | 4.8                                            | 8.9  | 1.3 | 2.3                                              | 5.7 | 0.4 | 4.3                                                  | 10.8 | 0.8 |
| Kirovogradsk                                   | 14.7                                           | 25.1 | 5.8 | 7.7                                              | 15.8 | 2.6 | 12.6                                                 | 26.8 | 4.1 | 6.0                                            | 10.7 | 2.1 | 2.9                                              | 6.5 | 0.9 | 5.0                                                  | 11.6 | 1.4 |
| Louganska                                      |                                                |      |     |                                                  |      |     |                                                      |      |     |                                                |      |     |                                                  |     |     |                                                      |      |     |
| Lvivska                                        | 12.7                                           | 22.6 | 3.8 | 7.1                                              | 15.3 | 1.7 | 12.3                                                 | 27.2 | 3.2 | 5.0                                            | 8.6  | 1.7 | 2.5                                              | 5.6 | 0.6 | 4.7                                                  | 10.7 | 1.2 |
| Mykolajivska                                   | 12.0                                           | 19.7 | 5.4 | 6.4                                              | 13.0 | 2.4 | 11.1                                                 | 23.1 | 4.0 | 3.7                                            | 6.3  | 1.4 | 1.9                                              | 3.9 | 0.9 | 3.3                                                  | 7.5  | 1.1 |
| Odesska                                        | 13.5                                           | 22.5 | 5.5 | 7.8                                              | 15.5 | 2.8 | 13.1                                                 | 26.9 | 4.5 | 4.6                                            | 7.9  | 1.7 | 2.4                                              | 5.3 | 0.7 | 4.5                                                  | 9.9  | 1.3 |
| Poltavsk                                       | 10.5                                           | 18.6 | 3.6 | 5.3                                              | 11.2 | 1.7 | 9.0                                                  | 19.6 | 2.7 | 5.0                                            | 9.5  | 1.2 | 2.1                                              | 5.2 | 0.4 | 4.0                                                  | 10.1 | 0.7 |
| Rivnenska                                      | 6.1                                            | 10.2 | 2.5 | 3.8                                              | 8.3  | 1.0 | 6.9                                                  | 15.2 | 1.9 | 3.6                                            | 6.2  | 1.3 | 2.3                                              | 5.2 | 0.6 | 4.3                                                  | 9.7  | 1.2 |
| Soumska                                        | 12.0                                           | 22.1 | 3.6 | 5.9                                              | 12.8 | 1.8 | 10.3                                                 | 23.5 | 2.8 | 6.0                                            | 11.0 | 1.8 | 2.6                                              | 6.0 | 0.6 | 4.7                                                  | 11.3 | 1.0 |
| Ternopilska                                    | 8.8                                            | 15.6 | 2.8 | 5.0                                              | 10.4 | 1.5 | 8.1                                                  | 17.9 | 2.3 | 6.5                                            | 11.6 | 1.9 | 3.4                                              | 7.7 | 0.8 | 6.1                                                  | 14.4 | 1.3 |
| Kharkivska                                     | 13.7                                           | 24.3 | 4.7 | 7.0                                              | 15.3 | 2.0 | 12.0                                                 | 27.2 | 3.4 | 4.7                                            | 8.7  | 1.4 | 2.3                                              | 5.4 | 0.6 | 4.2                                                  | 10.2 | 1.0 |
| Khersonska                                     | 10.3                                           | 17.3 | 4.2 | 5.4                                              | 11.8 | 1.6 | 9.7                                                  | 21.2 | 3.0 | 3.7                                            | 6.5  | 1.4 | 1.8                                              | 4.4 | 0.4 | 3.4                                                  | 8.1  | 0.9 |
| Khmelnitska                                    | 9.9                                            | 18.7 | 2.3 | 5.4                                              | 11.8 | 1.3 | 9.0                                                  | 20.5 | 2.1 | 4.1                                            | 7.5  | 1.3 | 1.9                                              | 4.3 | 0.4 | 3.5                                                  | 8.4  | 0.7 |
| Cherkasska                                     | 11.1                                           | 20.2 | 3.4 | 5.4                                              | 11.7 | 1.4 | 9.2                                                  | 20.4 | 2.4 | 5.5                                            | 10.6 | 1.2 | 2.3                                              | 5.5 | 0.5 | 4.4                                                  | 10.9 | 0.8 |
| Chernivetska                                   | 10.6                                           | 18.8 | 3.3 | 6.6                                              | 13.7 | 1.9 | 10.9                                                 | 23.3 | 3.1 | 5.7                                            | 10.1 | 1.9 | 2.8                                              | 6.5 | 0.7 | 5.4                                                  | 12.8 | 1.4 |
| Chernigivska                                   | 13.2                                           | 22.5 | 5.5 | 6.4                                              | 13.0 | 2.3 | 10.6                                                 | 22.4 | 3.9 | 4.5                                            | 8.3  | 1.4 | 2.0                                              | 4.4 | 0.8 | 3.6                                                  | 8.3  | 1.1 |
| Kyiv city                                      | 12.8                                           | 21.6 | 5.3 | 7.4                                              | 14.8 | 2.6 | 12.8                                                 | 26.1 | 4.6 | 3.9                                            | 7.0  | 1.2 | 2.0                                              | 4.5 | 0.5 | 3.9                                                  | 8.9  | 1.0 |
| Sevastopol city                                |                                                |      |     |                                                  |      |     |                                                      |      |     |                                                |      |     |                                                  |     |     |                                                      |      |     |

| <b>Table 3 - Incidence and mortality, 2015</b> | Number of new cancer cases registered in 2015* |     |     | Crude incidence rate per 100 000 of population |             |            | Number of deaths from cancer registered in 2015* |     |    | Crude mortality rate per 100 000 of population |            |            |
|------------------------------------------------|------------------------------------------------|-----|-----|------------------------------------------------|-------------|------------|--------------------------------------------------|-----|----|------------------------------------------------|------------|------------|
|                                                | ♀                                              | ♂   | ▲   | ♀                                              | ♂           | ▲          | ♀                                                | ♂   | ▲  | ♀                                              | ♂          | ▲          |
| <b>Ukraine</b>                                 |                                                |     |     | <b>10.8</b>                                    | <b>18.8</b> | <b>3.8</b> |                                                  |     |    | <b>4.2</b>                                     | <b>7.9</b> | <b>1.1</b> |
| AR Krym                                        |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |
| Vinnytska                                      | 166                                            | 134 | 32  | 10.4                                           | 18.1        | 3.7        | 69                                               | 56  | 13 | 4.3                                            | 7.6        | 1.5        |
| Volynska                                       | 102                                            | 89  | 13  | 9.8                                            | 18.2        | 2.4        | 30                                               | 25  | 5  | 2.9                                            | 5.1        | 0.9        |
| Dnipropetrovska                                | 343                                            | 275 | 68  | 10.5                                           | 18.4        | 3.8        | 148                                              | 124 | 24 | 4.5                                            | 8.3        | 1.4        |
| Donetska                                       |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |
| Zhytomyrska                                    | 106                                            | 94  | 12  | 8.4                                            | 16.1        | 1.8        | 79                                               | 74  | 5  | 6.3                                            | 12.7       | 0.7        |
| Zakarpatska                                    | 45                                             | 41  | 4   | 3.6                                            | 6.8         | 0.6        | 32                                               | 30  | 2  | 2.6                                            | 5.0        | 0.3        |
| Zaporizzka                                     | 229                                            | 182 | 47  | 13.0                                           | 22.6        | 4.9        | 83                                               | 65  | 18 | 4.7                                            | 8.1        | 1.9        |
| Ivano-Frankivska                               | 115                                            | 98  | 17  | 8.3                                            | 15.0        | 2.3        | 53                                               | 47  | 6  | 3.8                                            | 7.2        | 0.8        |
| Kyivska                                        | 183                                            | 158 | 25  | 10.6                                           | 19.8        | 2.7        | 78                                               | 74  | 4  | 4.5                                            | 9.3        | 0.4        |
| Kirovogradksa                                  | 159                                            | 138 | 21  | 16.3                                           | 30.8        | 4.0        | 63                                               | 58  | 5  | 6.5                                            | 13.0       | 1.0        |
| Louganska                                      |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |
| Lvivska                                        | 294                                            | 245 | 49  | 11.7                                           | 20.5        | 3.7        | 90                                               | 78  | 12 | 3.6                                            | 6.5        | 0.9        |
| Mykolajivska                                   | 147                                            | 115 | 32  | 12.6                                           | 21.4        | 5.1        | 45                                               | 41  | 4  | 3.9                                            | 7.6        | 0.6        |
| Odesska                                        | 286                                            | 222 | 64  | 12.0                                           | 19.8        | 5.1        | 71                                               | 63  | 8  | 3.0                                            | 5.6        | 0.6        |
| Poltavska                                      | 153                                            | 119 | 34  | 10.6                                           | 18.0        | 4.4        | 80                                               | 69  | 11 | 5.6                                            | 10.4       | 1.4        |
| Rivnenska                                      | 89                                             | 75  | 14  | 7.7                                            | 13.6        | 2.3        | 39                                               | 32  | 7  | 3.4                                            | 5.8        | 1.2        |
| Soumska                                        | 165                                            | 139 | 26  | 14.7                                           | 27.1        | 4.3        | 74                                               | 68  | 6  | 6.6                                            | 13.3       | 1.0        |
| Ternopilska                                    | 115                                            | 102 | 13  | 10.8                                           | 20.5        | 2.3        | 47                                               | 43  | 4  | 4.4                                            | 8.6        | 0.7        |
| Kharkivska                                     | 337                                            | 227 | 110 | 12.4                                           | 18.1        | 7.5        | 96                                               | 77  | 19 | 3.5                                            | 6.1        | 1.3        |
| Khersonska                                     | 100                                            | 85  | 15  | 9.4                                            | 17.2        | 2.6        | 35                                               | 32  | 3  | 3.3                                            | 6.5        | 0.5        |
| Khmelnitska                                    | 134                                            | 117 | 17  | 10.3                                           | 19.4        | 2.4        | 62                                               | 49  | 13 | 4.8                                            | 8.1        | 1.9        |
| Cherkasska                                     | 144                                            | 109 | 35  | 11.5                                           | 19.1        | 5.2        | 59                                               | 51  | 8  | 4.7                                            | 8.9        | 1.2        |
| Chernivetska                                   | 75                                             | 63  | 12  | 8.3                                            | 14.8        | 2.5        | 49                                               | 41  | 8  | 5.4                                            | 9.6        | 1.7        |
| Chernigivska                                   | 108                                            | 88  | 20  | 10.3                                           | 18.5        | 3.5        | 41                                               | 33  | 8  | 3.9                                            | 7.0        | 1.4        |
| Kyiv city                                      | 307                                            | 246 | 61  | 10.8                                           | 18.7        | 4.0        | 109                                              | 94  | 15 | 3.8                                            | 7.2        | 1.0        |
| Sebastopol city                                |                                                |     |     |                                                |             |            |                                                  |     |    |                                                |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| <b>Table 4 - Rates, 2015</b> | Stage distribution of new cases according to TNM, % |             |            |                | Lived less than 1 year since diagnosis in 2014, % | of which diagnosed post-mortem in 2014* | Received special treatment, % | Microscopically verified, % | During the preventive examination, % | Patients per 100 000 of population |              |             |
|------------------------------|-----------------------------------------------------|-------------|------------|----------------|---------------------------------------------------|-----------------------------------------|-------------------------------|-----------------------------|--------------------------------------|------------------------------------|--------------|-------------|
|                              | I-II                                                | III         | IV         | Not determined |                                                   |                                         |                               |                             |                                      | ♀                                  | ♂            | ▲           |
| <b>Ukraine</b>               | <b>73.6</b>                                         | <b>16.4</b> | <b>6.4</b> | <b>3.5</b>     | <b>21.9</b>                                       | <b>31</b>                               | <b>77.0</b>                   | <b>85.8</b>                 | <b>17.7</b>                          | <b>81.1</b>                        | <b>137.8</b> | <b>32.0</b> |
| AR Krym                      |                                                     |             |            |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |
| Vinnytska                    | 79.3                                                | 14.5        | 6.2        | 0.0            | 19.2                                              | 0                                       | 71.0                          | 80.7                        | 20.7                                 | 82.4                               | 144.0        | 29.6        |
| Volynska                     | 78.0                                                | 12.1        | 7.7        | 2.2            | 21.5                                              | 1                                       | 80.2                          | 92.2                        | 14.3                                 | 57.8                               | 98.1         | 21.8        |
| Dnipropetrovska              | 76.8                                                | 11.6        | 6.3        | 5.3            | 22.8                                              | 2                                       | 75.5                          | 91.0                        | 6.0                                  | 72.6                               | 127.2        | 26.6        |
| Donetska                     |                                                     |             |            |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |
| Zhytomyrska                  | 46.9                                                | 35.4        | 11.5       | 5.2            | 27.0                                              | 0                                       | 70.8                          | 93.4                        | 11.5                                 | 63.4                               | 111.4        | 21.8        |
| Zakarpatska                  | 64.3                                                | 14.3        | 19.0       | 0.0            | 25.0                                              | 0                                       | 73.8                          | 86.7                        | 2.4                                  | 36.1                               | 60.4         | 13.6        |
| Zaporizzka                   | 71.8                                                | 14.9        | 7.7        | 5.6            | 22.5                                              | 6                                       | 55.9                          | 66.4                        | 10.3                                 | 98.8                               | 167.3        | 41.2        |
| Ivano-Frankivska             | 69.2                                                | 21.5        | 6.5        | 2.8            | 23.7                                              | 0                                       | 74.8                          | 86.1                        | 8.4                                  | 49.0                               | 86.7         | 15.3        |
| Kyivska                      | 76.0                                                | 15.2        | 8.2        | 0.6            | 24.0                                              | 1                                       | 78.9                          | 84.7                        | 11.1                                 | 84.2                               | 145.9        | 31.1        |
| Kirovogradksa                | 78.5                                                | 12.5        | 9.0        | 0.0            | 20.3                                              | 2                                       | 74.3                          | 77.4                        | 4.9                                  | 92.9                               | 158.9        | 36.8        |
| Louganska                    |                                                     |             |            |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |
| Lvivska                      | 75.9                                                | 14.3        | 4.9        | 4.9            | 20.2                                              | 1                                       | 85.3                          | 90.8                        | 1.9                                  | 99.7                               | 169.9        | 36.6        |
| Mykolajivska                 | 68.8                                                | 23.2        | 7.2        | 0.7            | 17.2                                              | 2                                       | 79.0                          | 88.4                        | 39.9                                 | 92.2                               | 155.0        | 38.2        |
| Odesska                      | 86.5                                                | 8.6         | 4.1        | 0.8            | 13.4                                              | 2                                       | 81.2                          | 97.6                        | 9.4                                  | 121.6                              | 197.8        | 54.2        |
| Poltavska                    | 72.8                                                | 18.4        | 8.8        | 0.0            | 20.3                                              | 1                                       | 75.0                          | 88.9                        | 13.2                                 | 76.9                               | 127.2        | 34.1        |
| Rivnenska                    | 75.0                                                | 13.1        | 6.0        | 6.0            | 38.2                                              | 0                                       | 70.2                          | 66.3                        | 48.8                                 | 43.4                               | 74.1         | 15.6        |
| Soumska                      | 75.3                                                | 18.0        | 4.0        | 2.7            | 24.8                                              | 0                                       | 78.0                          | 86.7                        | 15.3                                 | 80.6                               | 141.6        | 29.3        |
| Ternopilska                  | 70.4                                                | 17.6        | 12.0       | 0.0            | 20.9                                              | 1                                       | 78.7                          | 91.3                        | 23.1                                 | 71.0                               | 127.6        | 21.4        |
| Kharkivska                   | 68.9                                                | 22.0        | 4.1        | 4.7            | 27.2                                              | 2                                       | 75.5                          | 78.3                        | 11.9                                 | 98.8                               | 160.4        | 45.8        |
| Khersonska                   | 76.4                                                | 19.1        | 4.5        | 0.0            | 23.8                                              | 0                                       | 86.5                          | 92.0                        | 16.9                                 | 78.3                               | 126.9        | 36.3        |
| Khmelnitska                  | 68.0                                                | 29.7        | 2.3        | 0.0            | 23.2                                              | 0                                       | 83.6                          | 87.3                        | 4.7                                  | 55.1                               | 99.9         | 16.4        |
| Cherkasska                   | 75.4                                                | 19.2        | 5.4        | 0.0            | 22.1                                              | 1                                       | 82.3                          | 88.9                        | 26.9                                 | 83.4                               | 145.1        | 31.3        |
| Chernivetska                 | 54.2                                                | 15.3        | 8.3        | 22.2           | 23.3                                              | 0                                       | 84.7                          | 70.7                        | 8.3                                  | 101.7                              | 176.7        | 35.2        |
| Chernigivska                 | 74.7                                                | 15.8        | 7.4        | 2.1            | 24.2                                              | 2                                       | 75.8                          | 78.7                        | 12.6                                 | 73.6                               | 128.8        | 27.8        |
| Kyiv city                    | 74.8                                                | 9.7         | 5.0        | 10.5           | 18.0                                              | 7                                       | 79.5                          | 92.5                        | 75.2                                 | 82.6                               | 137.8        | 35.1        |
| Sebastopol city              |                                                     |             |            |                |                                                   |                                         |                               |                             |                                      |                                    |              |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 1878 | 943  | 935  |
| Incidence (crude rate)                                                    |                                         |  | 5.2  | 5.6  | 4.8  |
| Incidence (age-standardized, world standard)                              |                                         |  | 4.1  | 4.7  | 3.6  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 5.0  | 5.7  | 4.4  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 1423 | 742  | 681  |
| Mortality (crude rate)                                                    |                                         |  | 3.9  | 4.4  | 3.5  |
| Mortality (age-standardized, world standard)                              |                                         |  | 2.9  | 3.5  | 2.4  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 3.7  | 4.5  | 3.1  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 49.3 | 48.9 | 49.7 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 4.5  | 4.2  | 4.8  |
| Microscopically verified diagnoses, %                                     |                                         |  | 70.7 | 71.9 | 69.4 |
| Diagnoses verified with histology, %                                      |                                         |  | 68.6 | 69.6 | 67.6 |
| Not specified morphology, %                                               |                                         |  | 8.9  | 8.1  | 9.7  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 2.1  | 1.4  | 2.8  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 62.3 | 64.7 | 59.7 |
| - surgical treatment only, %                                              |                                         |  | 18.8 | 18.7 | 19.0 |
| - combined or complex scheme of treatment, %                              |                                         |  | 32.1 | 34.6 | 29.6 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 142  | 85   | 57   |
|                                                                           | rate per 100 000 of children population |  | 2.1  | 2.5  | 1.7  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 66   | 40   | 26   |
|                                                                           | rate per 100 000 of children population |  | 1.0  | 1.1  | 0.8  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>5.2</b>                                     | <b>5.6</b> | <b>4.8</b> | <b>4.1</b>                                       | <b>4.7</b> | <b>3.6</b> | <b>5.0</b>                                           | <b>5.7</b> | <b>4.4</b> | <b>3.9</b>                                     | <b>4.4</b> | <b>3.5</b> | <b>2.9</b>                                       | <b>3.5</b> | <b>2.4</b> | <b>3.7</b>                                           | <b>4.5</b> | <b>3.1</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 4.5                                            | 5.1        | 4.0        | 3.7                                              | 4.4        | 3.0        | 4.4                                                  | 5.0        | 3.9        | 3.9                                            | 3.8        | 4.0        | 3.3                                              | 3.4        | 3.1        | 3.9                                                  | 3.9        | 3.9        |  |
| Volynska                                       | 4.1                                            | 5.3        | 3.1        | 3.6                                              | 4.5        | 2.9        | 4.3                                                  | 5.8        | 2.9        | 3.1                                            | 4.3        | 2.0        | 2.6                                              | 3.7        | 1.6        | 3.1                                                  | 4.5        | 1.9        |  |
| Dnipropetrovsk                                 | 4.8                                            | 5.7        | 4.1        | 3.7                                              | 4.9        | 2.6        | 4.5                                                  | 5.7        | 3.5        | 3.8                                            | 4.3        | 3.4        | 2.8                                              | 3.7        | 2.0        | 3.6                                                  | 4.7        | 2.8        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 3.8                                            | 4.1        | 3.5        | 3.2                                              | 3.5        | 3.0        | 3.9                                                  | 4.4        | 3.6        | 2.5                                            | 3.2        | 1.9        | 2.1                                              | 2.5        | 1.8        | 2.5                                                  | 3.2        | 2.0        |  |
| Zakarpatska                                    | 4.2                                            | 4.3        | 4.0        | 3.4                                              | 3.6        | 3.2        | 4.2                                                  | 4.6        | 4.0        | 2.6                                            | 2.7        | 2.6        | 2.2                                              | 2.4        | 2.0        | 2.6                                                  | 2.7        | 2.5        |  |
| Zaporizzka                                     | 4.8                                            | 4.4        | 5.1        | 3.5                                              | 3.4        | 3.5        | 4.4                                                  | 4.3        | 4.4        | 3.8                                            | 4.1        | 3.6        | 2.4                                              | 2.9        | 2.1        | 3.3                                                  | 3.8        | 2.9        |  |
| Ivano-Frankivska                               | 3.8                                            | 3.5        | 4.1        | 3.0                                              | 2.7        | 3.4        | 3.9                                                  | 3.7        | 4.2        | 2.8                                            | 3.1        | 2.6        | 2.0                                              | 2.2        | 1.8        | 2.8                                                  | 3.4        | 2.5        |  |
| Kyivska                                        | 6.6                                            | 7.3        | 6.0        | 5.5                                              | 6.5        | 4.6        | 6.5                                                  | 7.5        | 5.5        | 3.9                                            | 5.2        | 2.8        | 2.8                                              | 3.7        | 2.1        | 3.6                                                  | 5.3        | 2.6        |  |
| Kirovogradsk                                   | 6.6                                            | 6.2        | 7.0        | 5.3                                              | 4.9        | 5.7        | 6.3                                                  | 6.1        | 6.5        | 4.4                                            | 3.6        | 5.1        | 2.8                                              | 2.6        | 2.8        | 3.8                                                  | 3.5        | 4.0        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 5.2                                            | 6.4        | 4.1        | 4.2                                              | 5.5        | 3.1        | 5.0                                                  | 6.4        | 3.8        | 4.0                                            | 4.8        | 3.3        | 3.0                                              | 3.9        | 2.2        | 4.0                                                  | 5.0        | 3.1        |  |
| Mykolajivska                                   | 5.4                                            | 5.0        | 5.7        | 4.2                                              | 4.4        | 3.9        | 5.1                                                  | 5.3        | 4.9        | 5.0                                            | 4.5        | 5.4        | 3.7                                              | 3.5        | 3.9        | 4.6                                                  | 4.7        | 4.7        |  |
| Odesska                                        | 6.2                                            | 7.8        | 4.7        | 4.6                                              | 6.1        | 3.3        | 5.9                                                  | 8.0        | 4.3        | 4.0                                            | 5.2        | 2.9        | 2.8                                              | 3.9        | 1.9        | 3.9                                                  | 5.6        | 2.6        |  |
| Poltavsk                                       | 3.5                                            | 3.2        | 3.7        | 3.4                                              | 2.9        | 3.9        | 3.5                                                  | 3.0        | 3.9        | 3.5                                            | 3.6        | 3.3        | 2.8                                              | 3.1        | 2.6        | 3.3                                                  | 3.6        | 3.0        |  |
| Rivnenska                                      | 7.2                                            | 7.8        | 6.6        | 6.2                                              | 7.0        | 5.4        | 7.5                                                  | 8.3        | 6.9        | 4.1                                            | 5.1        | 3.1        | 3.2                                              | 4.0        | 2.6        | 4.3                                                  | 5.7        | 3.2        |  |
| Soumska                                        | 4.8                                            | 4.8        | 4.7        | 3.6                                              | 3.7        | 3.4        | 4.3                                                  | 4.7        | 4.1        | 3.8                                            | 3.5        | 4.1        | 2.8                                              | 2.5        | 3.2        | 3.3                                                  | 3.4        |            |  |
| Ternopilska                                    | 4.0                                            | 5.6        | 2.6        | 3.7                                              | 5.6        | 1.9        | 4.0                                                  | 5.6        | 2.6        | 3.6                                            | 4.2        | 3.2        | 3.2                                              | 4.2        | 2.2        | 3.6                                                  | 3.9        | 3.2        |  |
| Kharkivska                                     | 6.4                                            | 6.1        | 6.6        | 4.9                                              | 4.8        | 5.0        | 5.9                                                  | 6.0        | 5.8        | 5.3                                            | 5.8        | 4.8        | 3.5                                              | 4.3        | 2.9        | 4.7                                                  | 5.8        | 3.8        |  |
| Khersonska                                     | 3.9                                            | 4.8        | 3.1        | 3.3                                              | 4.2        | 2.6        | 3.6                                                  | 4.6        | 2.8        | 2.9                                            | 3.6        | 2.3        | 2.3                                              | 2.8        | 2.1        | 2.7                                                  | 3.5        | 2.2        |  |
| Khmelnitska                                    | 5.1                                            | 6.0        | 4.3        | 3.6                                              | 4.4        | 3.2        | 4.8                                                  | 6.2        | 3.9        | 4.8                                            | 5.8        | 3.9        | 3.2                                              | 3.8        | 3.0        | 4.4                                                  | 6.0        | 3.6        |  |
| Cherkasska                                     | 4.5                                            | 4.9        | 4.1        | 3.9                                              | 4.0        | 4.1        | 4.2                                                  | 4.9        | 3.9        | 2.9                                            | 3.1        | 2.6        | 1.9                                              | 2.1        | 1.8        | 2.5                                                  | 3.0        | 2.2        |  |
| Chernivetska                                   | 6.2                                            | 5.4        | 6.9        | 4.9                                              | 4.5        | 5.1        | 6.0                                                  | 5.4        | 6.2        | 5.9                                            | 6.6        | 5.2        | 4.5                                              | 5.5        | 3.5        | 6.0                                                  | 7.1        | 5.0        |  |
| Chernigivska                                   | 3.5                                            | 2.9        | 4.0        | 2.7                                              | 2.5        | 2.9        | 3.3                                                  | 3.1        | 3.5        | 3.2                                            | 4.0        | 2.6        | 2.2                                              | 2.9        | 1.7        | 2.9                                                  | 3.5        | 2.3        |  |
| Kyiv city                                      | 6.6                                            | 6.9        | 6.4        | 4.9                                              | 5.9        | 4.0        | 6.5                                                  | 7.3        | 5.8        | 4.5                                            | 4.8        | 4.3        | 3.3                                              | 3.8        | 2.9        | 4.6                                                  | 5.2        | 4.1        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| <b>Table 3 - Incidence and mortality, 2015</b> | Number of new cancer cases registered in 2015* |    |    | Crude incidence rate per 100 000 of population |            |            | Number of deaths from cancer registered in 2015* |    |    | Crude mortality rate per 100 000 of population |            |            |
|------------------------------------------------|------------------------------------------------|----|----|------------------------------------------------|------------|------------|--------------------------------------------------|----|----|------------------------------------------------|------------|------------|
|                                                | ♀                                              | ♂  | ▲  | ♀                                              | ♂          | ▲          | ♀                                                | ♂  | ▲  | ♀                                              | ♂          | ▲          |
| <b>Ukraine</b>                                 |                                                |    |    | <b>4.5</b>                                     | <b>5.2</b> | <b>4.0</b> |                                                  |    |    | <b>3.7</b>                                     | <b>4.0</b> | <b>3.4</b> |
| AR Krym                                        |                                                |    |    |                                                |            |            |                                                  |    |    |                                                |            |            |
| Vinnytska                                      | 66                                             | 38 | 28 | 4.1                                            | 5.1        | 3.2        | 52                                               | 28 | 24 | 3.2                                            | 3.8        | 2.8        |
| Volynska                                       | 37                                             | 18 | 19 | 3.6                                            | 3.7        | 3.5        | 37                                               | 23 | 14 | 3.6                                            | 4.7        | 2.6        |
| Dnipropetrovska                                | 120                                            | 52 | 68 | 3.7                                            | 3.5        | 3.8        | 117                                              | 57 | 60 | 3.6                                            | 3.8        | 3.4        |
| Donetska                                       |                                                |    |    |                                                |            |            |                                                  |    |    |                                                |            |            |
| Zhytomyrska                                    | 30                                             | 13 | 17 | 2.4                                            | 2.2        | 2.5        | 37                                               | 19 | 18 | 2.9                                            | 3.3        | 2.7        |
| Zakarpatska                                    | 41                                             | 26 | 15 | 3.3                                            | 4.3        | 2.3        | 43                                               | 27 | 16 | 3.4                                            | 4.5        | 2.5        |
| Zaporizzka                                     | 66                                             | 37 | 29 | 3.7                                            | 4.6        | 3.0        | 50                                               | 22 | 28 | 2.8                                            | 2.7        | 2.9        |
| Ivano-Frankivska                               | 68                                             | 40 | 28 | 4.9                                            | 6.1        | 3.9        | 51                                               | 30 | 21 | 3.7                                            | 4.6        | 2.9        |
| Kyivska                                        | 83                                             | 44 | 39 | 4.8                                            | 5.5        | 4.2        | 43                                               | 21 | 22 | 2.5                                            | 2.6        | 2.4        |
| Kirovogradksa                                  | 73                                             | 44 | 29 | 7.5                                            | 9.8        | 5.5        | 45                                               | 24 | 21 | 4.6                                            | 5.4        | 4.0        |
| Louganska                                      |                                                |    |    |                                                |            |            |                                                  |    |    |                                                |            |            |
| Lvivska                                        | 150                                            | 80 | 70 | 6.0                                            | 6.7        | 5.3        | 110                                              | 57 | 53 | 4.4                                            | 4.8        | 4.0        |
| Mykolajivska                                   | 79                                             | 37 | 42 | 6.8                                            | 6.9        | 6.7        | 59                                               | 31 | 28 | 5.1                                            | 5.8        | 4.5        |
| Odesska                                        | 100                                            | 54 | 46 | 4.2                                            | 4.8        | 3.6        | 56                                               | 32 | 24 | 2.4                                            | 2.9        | 1.9        |
| Poltavska                                      | 51                                             | 37 | 14 | 3.5                                            | 5.6        | 1.8        | 49                                               | 27 | 22 | 3.4                                            | 4.1        | 2.8        |
| Rivnenska                                      | 74                                             | 44 | 30 | 6.4                                            | 8.0        | 4.9        | 53                                               | 29 | 24 | 4.6                                            | 5.3        | 3.9        |
| Soumska                                        | 61                                             | 37 | 24 | 5.4                                            | 7.2        | 3.9        | 39                                               | 23 | 16 | 3.5                                            | 4.5        | 2.6        |
| Ternopilska                                    | 47                                             | 27 | 20 | 4.4                                            | 5.4        | 3.5        | 46                                               | 23 | 23 | 4.3                                            | 4.6        | 4.0        |
| Kharkivska                                     | 122                                            | 65 | 57 | 4.5                                            | 5.2        | 3.9        | 110                                              | 47 | 63 | 4.1                                            | 3.7        | 4.3        |
| Khersonska                                     | 24                                             | 11 | 13 | 2.3                                            | 2.2        | 2.3        | 34                                               | 19 | 15 | 3.2                                            | 3.9        | 2.6        |
| Khmelnitska                                    | 61                                             | 38 | 23 | 4.7                                            | 6.3        | 3.3        | 58                                               | 35 | 23 | 4.5                                            | 5.8        | 3.3        |
| Cherkasska                                     | 49                                             | 23 | 26 | 3.9                                            | 4.0        | 3.8        | 44                                               | 20 | 24 | 3.5                                            | 3.5        | 3.6        |
| Chernivetska                                   | 33                                             | 13 | 20 | 3.6                                            | 3.1        | 4.2        | 35                                               | 15 | 20 | 3.9                                            | 3.5        | 4.2        |
| Chernigivska                                   | 38                                             | 21 | 17 | 3.6                                            | 4.4        | 3.0        | 30                                               | 13 | 17 | 2.9                                            | 2.7        | 3.0        |
| Kyiv city                                      | 174                                            | 76 | 98 | 6.1                                            | 5.8        | 6.4        | 135                                              | 56 | 79 | 4.7                                            | 4.3        | 5.2        |
| Sebastopol city                                |                                                |    |    |                                                |            |            |                                                  |    |    |                                                |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| <b>Table 4 - Rates, 2015</b> | Stage distribution of new cases according to TNM, % |     |    |                | Lived less than 1 year since diagnosis in 2014, % | of which diagnosed post-mortem in 2014* | Received special treatment, % | Microscopically verified, % | During the preventive examination, % | Patients per 100 000 of population |             |             |
|------------------------------|-----------------------------------------------------|-----|----|----------------|---------------------------------------------------|-----------------------------------------|-------------------------------|-----------------------------|--------------------------------------|------------------------------------|-------------|-------------|
|                              | I-II                                                | III | IV | Not determined |                                                   |                                         |                               |                             |                                      | ♀                                  | ♂           | ▲           |
| <b>Ukraine</b>               |                                                     |     |    |                | <b>49.3</b>                                       | <b>82</b>                               | <b>64.2</b>                   | <b>69.2</b>                 | <b>2.7</b>                           | <b>23.0</b>                        | <b>23.7</b> | <b>22.3</b> |
| AR Krym                      |                                                     |     |    |                |                                                   |                                         |                               |                             |                                      |                                    |             |             |
| Vinnytska                    |                                                     |     |    |                | 48.6                                              | 1                                       | 81.4                          | 80.3                        | 0.0                                  | 16.0                               | 19.1        | 13.4        |
| Volynska                     |                                                     |     |    |                | 47.6                                              | 3                                       | 84.4                          | 75.7                        | 0.0                                  | 16.0                               | 18.0        | 14.2        |
| Dnipropetrovska              |                                                     |     |    |                | 60.4                                              | 7                                       | 53.8                          | 65.0                        | 1.9                                  | 14.5                               | 14.8        | 14.3        |
| Donetska                     |                                                     |     |    |                |                                                   |                                         |                               |                             |                                      |                                    |             |             |
| Zhytomyrska                  |                                                     |     |    |                | 46.9                                              | 1                                       | 86.7                          | 93.3                        | 6.7                                  | 15.1                               | 15.9        | 14.4        |
| Zakarpatska                  |                                                     |     |    |                | 50.0                                              | 3                                       | 69.4                          | 82.9                        | 0.0                                  | 22.5                               | 22.6        | 22.5        |
| Zaporizzka                   |                                                     |     |    |                | 42.5                                              | 9                                       | 39.7                          | 59.1                        | 1.6                                  | 18.8                               | 19.7        | 18.0        |
| Ivano-Frankivska             |                                                     |     |    |                | 50.0                                              | 3                                       | 81.8                          | 69.1                        | 0.0                                  | 21.5                               | 21.8        | 21.2        |
| Kyivska                      |                                                     |     |    |                | 38.9                                              | 4                                       | 65.1                          | 61.4                        | 3.6                                  | 35.2                               | 34.0        | 36.2        |
| Kirovogradksa                |                                                     |     |    |                | 46.8                                              | 10                                      | 68.8                          | 65.8                        | 3.1                                  | 22.8                               | 23.7        | 22.0        |
| Louganska                    |                                                     |     |    |                |                                                   |                                         |                               |                             |                                      |                                    |             |             |
| Lvivska                      |                                                     |     |    |                | 48.4                                              | 0                                       | 68.8                          | 68.0                        | 0.7                                  | 27.0                               | 30.2        | 24.1        |
| Mykolajivska                 |                                                     |     |    |                | 55.7                                              | 5                                       | 66.7                          | 68.4                        | 18.8                                 | 21.6                               | 20.8        | 22.2        |
| Odesska                      |                                                     |     |    |                | 40.8                                              | 6                                       | 71.6                          | 92.0                        | 0.0                                  | 29.9                               | 32.8        | 27.3        |
| Poltavska                    |                                                     |     |    |                | 45.8                                              | 1                                       | 63.6                          | 72.5                        | 4.5                                  | 20.0                               | 19.5        | 20.4        |
| Rivnenska                    |                                                     |     |    |                | 33.8                                              | 0                                       | 64.4                          | 59.5                        | 1.4                                  | 34.3                               | 32.9        | 35.6        |
| Soumska                      |                                                     |     |    |                | 57.4                                              | 0                                       | 47.5                          | 50.8                        | 1.7                                  | 21.9                               | 23.0        | 21.0        |
| Ternopilska                  |                                                     |     |    |                | 52.4                                              | 2                                       | 81.0                          | 76.6                        | 7.1                                  | 22.1                               | 23.9        | 20.6        |
| Kharkivska                   |                                                     |     |    |                | 58.0                                              | 6                                       | 56.0                          | 55.7                        | 0.0                                  | 23.8                               | 23.6        | 23.9        |
| Khersonska                   |                                                     |     |    |                | 52.5                                              | 5                                       | 90.9                          | 95.8                        | 0.0                                  | 15.6                               | 16.0        | 15.2        |
| Khmelnitska                  |                                                     |     |    |                | 53.2                                              | 0                                       | 70.0                          | 68.9                        | 1.7                                  | 25.9                               | 25.9        | 25.9        |
| Cherkasska                   |                                                     |     |    |                | 40.0                                              | 3                                       | 76.2                          | 79.6                        | 0.0                                  | 19.7                               | 20.3        | 19.2        |
| Chernivetska                 |                                                     |     |    |                | 61.8                                              | 9                                       | 44.8                          | 48.5                        | 24.1                                 | 23.9                               | 22.5        | 25.2        |
| Chernigivska                 |                                                     |     |    |                | 44.4                                              | 2                                       | 79.4                          | 81.6                        | 0.0                                  | 17.6                               | 19.4        | 16.1        |
| Kyiv city                    |                                                     |     |    |                | 50.6                                              | 2                                       | 43.9                          | 68.4                        | 1.3                                  | 31.4                               | 31.0        | 31.8        |
| Sebastopol city              |                                                     |     |    |                |                                                   |                                         |                               |                             |                                      |                                    |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 3056 | 605  | 2451 |
| Incidence (crude rate)                                                    |                                         |  | 8.4  | 3.6  | 12.6 |
| Incidence (age-standardized, world standard)                              |                                         |  | 6.3  | 2.8  | 9.5  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 8.0  | 3.6  | 11.8 |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 260  | 94   | 166  |
| Mortality (crude rate)                                                    |                                         |  | 0.7  | 0.6  | 0.9  |
| Mortality (age-standardized, world standard)                              |                                         |  | 0.4  | 0.4  | 0.4  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 0.7  | 0.6  | 0.7  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 5.2  | 9.3  | 4.1  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.4  | 1.2  | 0.2  |
| Microscopically verified diagnoses, %                                     |                                         |  | 98.1 | 96.7 | 98.4 |
| Diagnoses verified with histology, %                                      |                                         |  | 92.8 | 90.6 | 93.3 |
| Not specified morphology, %                                               |                                         |  | 1.7  | 1.4  | 1.7  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 48.8 | 43.8 | 50.0 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 94.1 | 90.3 | 95.0 |
| - surgical treatment only, %                                              |                                         |  | 42.1 | 38.0 | 43.1 |
| - combined or complex scheme of treatment, %                              |                                         |  | 47.0 | 47.0 | 46.9 |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 44   | 15   | 29   |
|                                                                           | rate per 100 000 of children population |  | 0.6  | 0.4  | 0.9  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |             | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |             | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|-------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|-------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |             |                                                  |            |            |                                                      |            |             |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>8.4</b>                                     | <b>3.6</b> | <b>12.6</b> | <b>6.3</b>                                       | <b>2.8</b> | <b>9.5</b> | <b>8.0</b>                                           | <b>3.6</b> | <b>11.8</b> | <b>0.7</b>                                     | <b>0.6</b> | <b>0.9</b> | <b>0.4</b>                                       | <b>0.4</b> | <b>0.4</b> | <b>0.7</b>                                           | <b>0.6</b> | <b>0.7</b> |  |
| AR Krym                                        |                                                |            |             |                                                  |            |            |                                                      |            |             |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 11.4                                           | 5.5        | 16.5        | 8.6                                              | 4.2        | 12.7       | 10.8                                                 | 5.6        | 15.5        | 0.7                                            | 0.3        | 1.0        | 0.3                                              | 0.2        | 0.4        | 0.6                                                  | 0.3        | 0.8        |  |
| Volynska                                       | 4.0                                            | 1.4        | 6.2         | 3.2                                              | 1.0        | 5.1        | 4.0                                                  | 1.3        | 6.4         | 0.6                                            | 0.4        | 0.7        | 0.4                                              | 0.3        | 0.5        | 0.7                                                  | 0.3        | 0.9        |  |
| Dnipropetrovsk                                 | 7.1                                            | 3.6        | 10.0        | 5.3                                              | 2.6        | 7.4        | 6.7                                                  | 3.5        | 9.3         | 0.6                                            | 0.4        | 0.8        | 0.3                                              | 0.3        | 0.4        | 0.6                                                  | 0.5        | 0.6        |  |
| Donetska                                       |                                                |            |             |                                                  |            |            |                                                      |            |             |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 9.9                                            | 4.4        | 14.6        | 8.0                                              | 3.7        | 12.1       | 9.6                                                  | 4.4        | 14.4        | 1.0                                            | 0.7        | 1.3        | 0.6                                              | 0.5        | 0.7        | 1.0                                                  | 0.8        | 1.1        |  |
| Zakarpatska                                    | 1.9                                            | 1.2        | 2.6         | 1.6                                              | 1.0        | 2.2        | 2.1                                                  | 1.5        | 2.8         | 0.3                                            | 0.2        | 0.5        | 0.2                                              | 0.1        | 0.3        | 0.4                                                  | 0.2        | 0.5        |  |
| Zaporizzka                                     | 6.8                                            | 2.1        | 10.8        | 4.9                                              | 1.5        | 8.0        | 6.0                                                  | 2.1        | 9.5         | 0.7                                            | 0.4        | 1.0        | 0.4                                              | 0.2        | 0.5        | 0.6                                                  | 0.3        | 0.8        |  |
| Ivano-Frankivska                               | 3.6                                            | 1.4        | 5.5         | 2.9                                              | 1.2        | 4.6        | 3.7                                                  | 1.6        | 5.6         | 0.5                                            | 0.2        | 0.8        | 0.3                                              | 0.1        | 0.4        | 0.6                                                  | 0.2        | 0.8        |  |
| Kyivska                                        | 13.1                                           | 6.8        | 18.5        | 9.9                                              | 5.4        | 14.0       | 12.3                                                 | 7.0        | 17.1        | 1.0                                            | 1.1        | 0.9        | 0.6                                              | 0.8        | 0.5        | 1.0                                                  | 1.3        | 0.7        |  |
| Kirovogradsk                                   | 13.6                                           | 5.3        | 20.5        | 9.6                                              | 4.0        | 14.3       | 12.5                                                 | 5.2        | 18.5        | 0.4                                            | 0.4        | 0.4        | 0.2                                              | 0.3        | 0.1        | 0.3                                                  | 0.4        | 0.2        |  |
| Louganska                                      |                                                |            |             |                                                  |            |            |                                                      |            |             |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 4.4                                            | 1.8        | 6.7         | 3.4                                              | 1.5        | 5.1        | 4.3                                                  | 1.7        | 6.4         | 0.7                                            | 0.6        | 0.8        | 0.4                                              | 0.4        | 0.4        | 0.7                                                  | 0.6        | 0.7        |  |
| Mykolajivska                                   | 7.8                                            | 3.3        | 11.6        | 5.7                                              | 2.3        | 8.7        | 7.4                                                  | 3.2        | 10.9        | 0.3                                            | 0.2        | 0.5        | 0.2                                              | 0.1        | 0.2        | 0.3                                                  | 0.2        | 0.4        |  |
| Odesska                                        | 7.6                                            | 2.9        | 11.7        | 5.9                                              | 2.3        | 9.2        | 7.2                                                  | 2.8        | 11.2        | 0.8                                            | 0.7        | 1.0        | 0.6                                              | 0.6        | 0.6        | 0.8                                                  | 0.8        | 0.9        |  |
| Poltavsk                                       | 7.3                                            | 2.6        | 11.4        | 5.3                                              | 1.9        | 8.4        | 6.7                                                  | 2.4        | 10.4        | 1.0                                            | 0.6        | 1.4        | 0.5                                              | 0.4        | 0.6        | 0.8                                                  | 0.7        | 0.9        |  |
| Rivnenska                                      | 4.8                                            | 1.8        | 7.4         | 4.0                                              | 1.7        | 6.1        | 5.0                                                  | 2.1        | 7.5         | 1.1                                            | 0.7        | 1.5        | 0.7                                              | 0.6        | 0.7        | 1.2                                                  | 1.1        | 1.2        |  |
| Soumska                                        | 15.8                                           | 7.0        | 23.3        | 11.4                                             | 4.8        | 17.3       | 14.3                                                 | 6.4        | 21.1        | 1.0                                            | 0.6        | 1.3        | 0.5                                              | 0.3        | 0.6        | 0.8                                                  | 0.7        | 1.0        |  |
| Ternopilska                                    | 6.2                                            | 2.0        | 9.8         | 4.9                                              | 1.6        | 7.8        | 6.1                                                  | 2.1        | 9.7         | 0.8                                            | 0.6        | 1.1        | 0.4                                              | 0.4        | 0.5        | 0.8                                                  | 0.7        | 0.8        |  |
| Kharkivska                                     | 6.0                                            | 1.9        | 9.5         | 4.3                                              | 1.4        | 7.0        | 5.5                                                  | 2.0        | 8.5         | 0.6                                            | 0.6        | 0.6        | 0.3                                              | 0.4        | 0.2        | 0.6                                                  | 0.7        | 0.5        |  |
| Khersonska                                     | 10.6                                           | 4.8        | 15.7        | 7.8                                              | 3.6        | 11.6       | 9.7                                                  | 4.8        | 14.2        | 0.5                                            | 0.4        | 0.5        | 0.3                                              | 0.4        | 0.3        | 0.5                                                  | 0.5        | 0.5        |  |
| Khmelnitska                                    | 4.9                                            | 2.0        | 7.4         | 3.5                                              | 1.4        | 5.4        | 4.7                                                  | 1.9        | 7.0         | 0.7                                            | 0.8        | 0.6        | 0.4                                              | 0.5        | 0.3        | 0.6                                                  | 0.9        | 0.4        |  |
| Cherkasska                                     | 10.0                                           | 3.1        | 15.8        | 7.2                                              | 2.2        | 11.6       | 9.2                                                  | 2.9        | 14.4        | 0.9                                            | 0.9        | 0.9        | 0.4                                              | 0.6        | 0.3        | 0.8                                                  | 0.9        | 0.6        |  |
| Chernivetska                                   | 3.8                                            | 1.7        | 5.6         | 3.0                                              | 1.3        | 4.6        | 3.8                                                  | 1.7        | 5.6         | 1.1                                            | 1.2        | 1.0        | 0.7                                              | 0.9        | 0.6        | 1.2                                                  | 1.6        | 1.1        |  |
| Chernigivska                                   | 8.3                                            | 4.2        | 11.8        | 6.6                                              | 3.2        | 9.7        | 7.8                                                  | 3.9        | 11.3        | 0.6                                            | 0.8        | 0.4        | 0.3                                              | 0.6        | 0.1        | 0.5                                                  | 0.8        | 0.2        |  |
| Kyiv city                                      | 19.2                                           | 8.9        | 28.1        | 13.9                                             | 7.1        | 19.7       | 17.9                                                 | 9.3        | 25.0        | 0.6                                            | 0.4        | 0.7        | 0.3                                              | 0.3        | 0.3        | 0.6                                                  | 0.5        | 0.6        |  |
| Sevastopol city                                |                                                |            |             |                                                  |            |            |                                                      |            |             |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |     | Crude incidence rate<br>per 100 000 of population |            |             | Number of deaths from<br>cancer registered in 2015* |   |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|-----|---------------------------------------------------|------------|-------------|-----------------------------------------------------|---|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲   | ♀                                                 | ♂          | ▲           | ♀                                                   | ♂ | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |     | <b>7.7</b>                                        | <b>2.9</b> | <b>11.9</b> |                                                     |   |    | <b>0.6</b>                                        | <b>0.3</b> | <b>0.8</b> |
| AR Krym                                          |                                                   |    |     |                                                   |            |             |                                                     |   |    |                                                   |            |            |
| Vinnytska                                        | 229                                               | 40 | 189 | 14.3                                              | 5.4        | 21.9        | 13                                                  | 4 | 9  | 0.8                                               | 0.5        | 1.0        |
| Volynska                                         | 28                                                | 5  | 23  | 2.7                                               | 1.0        | 4.2         | 4                                                   | 2 | 2  | 0.4                                               | 0.4        | 0.4        |
| Dnipropetrovska                                  | 188                                               | 32 | 156 | 5.7                                               | 2.1        | 8.8         | 30                                                  | 7 | 23 | 0.9                                               | 0.5        | 1.3        |
| Donetska                                         |                                                   |    |     |                                                   |            |             |                                                     |   |    |                                                   |            |            |
| Zhytomyrska                                      | 101                                               | 19 | 82  | 8.0                                               | 3.3        | 12.2        | 8                                                   | 3 | 5  | 0.6                                               | 0.5        | 0.7        |
| Zakarpatska                                      | 14                                                | 2  | 12  | 1.1                                               | 0.3        | 1.8         | 2                                                   | 0 | 2  | 0.2                                               | 0.0        | 0.3        |
| Zaporizzka                                       | 140                                               | 20 | 120 | 7.9                                               | 2.5        | 12.5        | 8                                                   | 1 | 7  | 0.5                                               | 0.1        | 0.7        |
| Ivano-Frankivska                                 | 53                                                | 11 | 42  | 3.8                                               | 1.7        | 5.8         | 11                                                  | 3 | 8  | 0.8                                               | 0.5        | 1.1        |
| Kyivska                                          | 201                                               | 37 | 164 | 11.7                                              | 4.6        | 17.7        | 17                                                  | 7 | 10 | 1.0                                               | 0.9        | 1.1        |
| Kirovogradskra                                   | 154                                               | 15 | 139 | 15.8                                              | 3.4        | 26.4        | 4                                                   | 2 | 2  | 0.4                                               | 0.5        | 0.4        |
| Louganska                                        |                                                   |    |     |                                                   |            |             |                                                     |   |    |                                                   |            |            |
| Lvivska                                          | 126                                               | 26 | 100 | 5.0                                               | 2.2        | 7.5         | 8                                                   | 1 | 7  | 0.3                                               | 0.1        | 0.5        |
| Mykolajivska                                     | 64                                                | 15 | 49  | 5.5                                               | 2.8        | 7.8         | 7                                                   | 1 | 6  | 0.6                                               | 0.2        | 1.0        |
| Odesska                                          | 108                                               | 21 | 87  | 4.5                                               | 1.9        | 6.9         | 11                                                  | 3 | 8  | 0.5                                               | 0.3        | 0.6        |
| Poltavska                                        | 96                                                | 14 | 82  | 6.7                                               | 2.1        | 10.5        | 12                                                  | 3 | 9  | 0.8                                               | 0.5        | 1.2        |
| Rivnenska                                        | 48                                                | 6  | 42  | 4.1                                               | 1.1        | 6.9         | 4                                                   | 1 | 3  | 0.3                                               | 0.2        | 0.5        |
| Soumska                                          | 159                                               | 28 | 131 | 14.2                                              | 5.5        | 21.5        | 9                                                   | 2 | 7  | 0.8                                               | 0.4        | 1.2        |
| Ternopilska                                      | 50                                                | 11 | 39  | 4.7                                               | 2.2        | 6.9         | 8                                                   | 4 | 4  | 0.8                                               | 0.8        | 0.7        |
| Kharkivska                                       | 151                                               | 19 | 132 | 5.6                                               | 1.5        | 9.1         | 19                                                  | 4 | 15 | 0.7                                               | 0.3        | 1.0        |
| Khersonska                                       | 113                                               | 28 | 85  | 10.6                                              | 5.7        | 14.9        | 3                                                   | 1 | 2  | 0.3                                               | 0.2        | 0.4        |
| Khmelnitska                                      | 73                                                | 2  | 71  | 5.6                                               | 0.3        | 10.2        | 9                                                   | 1 | 8  | 0.7                                               | 0.2        | 1.2        |
| Cherkasska                                       | 131                                               | 19 | 112 | 10.5                                              | 3.3        | 16.5        | 8                                                   | 2 | 6  | 0.6                                               | 0.4        | 0.9        |
| Chernivetska                                     | 56                                                | 7  | 49  | 6.2                                               | 1.6        | 10.2        | 4                                                   | 0 | 4  | 0.4                                               | 0.0        | 0.8        |
| Chernigivska                                     | 70                                                | 12 | 58  | 6.7                                               | 2.5        | 10.1        | 7                                                   | 1 | 6  | 0.7                                               | 0.2        | 1.1        |
| Kyiv city                                        | 442                                               | 94 | 348 | 15.5                                              | 7.2        | 22.7        | 9                                                   | 4 | 5  | 0.3                                               | 0.3        | 0.3        |
| Sebastopol city                                  |                                                   |    |     |                                                   |            |             |                                                     |   |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |             |            |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |              |
|-----------------------------|--------------------------------------------------------|-------------|------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|--------------|
|                             | I-II                                                   | III         | IV         | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲            |
| <b>Ukraine</b>              | <b>77.9</b>                                            | <b>10.0</b> | <b>3.4</b> | <b>3.6</b>        | <b>5.2</b>                                                    | <b>12</b>                                        | <b>92.0</b>                            | <b>98.8</b>                            | <b>56.4</b>                                          | <b>101.1</b>                          | <b>32.6</b> | <b>160.4</b> |
| AR Krym                     |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |              |
| Vinnytska                   | 88.3                                                   | 1.4         | 0.9        | 0.0               | 1.1                                                           | 0                                                | 79.8                                   | 96.9                                   | 70.4                                                 | 125.7                                 | 36.0        | 202.5        |
| Volynska                    | 63.0                                                   | 18.5        | 7.4        | 7.4               | 7.3                                                           | 0                                                | 77.8                                   | 100.0                                  | 29.6                                                 | 36.4                                  | 11.8        | 58.4         |
| Dnipropetrovska             | 74.4                                                   | 13.9        | 5.6        | 5.0               | 6.8                                                           | 0                                                | 95.6                                   | 99.5                                   | 25.0                                                 | 99.5                                  | 33.6        | 155.0        |
| Donetska                    |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |              |
| Zhytomyrska                 | 75.5                                                   | 10.6        | 5.3        | 6.4               | 5.0                                                           | 1                                                | 95.7                                   | 99.0                                   | 57.4                                                 | 100.1                                 | 36.9        | 154.9        |
| Zakarpatska                 | 53.8                                                   | 0.0         | 23.1       | 7.7               | 8.7                                                           | 0                                                | 84.6                                   | 92.9                                   | 7.7                                                  | 24.5                                  | 9.0         | 38.9         |
| Zaporizzka                  | 74.0                                                   | 13.0        | 3.3        | 2.4               | 4.4                                                           | 2                                                | 85.4                                   | 96.4                                   | 42.3                                                 | 101.9                                 | 27.6        | 164.4        |
| Ivano-Frankivska            | 62.0                                                   | 22.0        | 6.0        | 6.0               | 9.1                                                           | 0                                                | 94.0                                   | 100.0                                  | 14.0                                                 | 29.4                                  | 11.5        | 45.3         |
| Kyivska                     | 83.7                                                   | 8.7         | 2.6        | 1.5               | 3.6                                                           | 0                                                | 95.9                                   | 99.5                                   | 53.1                                                 | 216.0                                 | 67.5        | 343.8        |
| Kirovogradskra              | 70.7                                                   | 18.8        | 4.5        | 0.8               | 4.2                                                           | 1                                                | 91.0                                   | 99.4                                   | 43.6                                                 | 88.9                                  | 23.7        | 144.3        |
| Louganska                   |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |              |
| Lvivska                     | 75.4                                                   | 17.8        | 3.4        | 1.7               | 13.6                                                          | 0                                                | 96.6                                   | 99.2                                   | 65.3                                                 | 77.7                                  | 22.6        | 127.3        |
| Mykolajivska                | 79.0                                                   | 11.3        | 4.8        | 0.0               | 6.0                                                           | 2                                                | 95.2                                   | 96.9                                   | 59.7                                                 | 77.0                                  | 22.5        | 123.9        |
| Odesska                     | 86.6                                                   | 4.1         | 1.0        | 1.0               | 4.5                                                           | 1                                                | 87.6                                   | 98.1                                   | 66.0                                                 | 80.4                                  | 25.6        | 128.9        |
| Poltavska                   | 68.5                                                   | 13.5        | 5.6        | 0.0               | 7.9                                                           | 1                                                | 93.3                                   | 97.9                                   | 48.3                                                 | 95.6                                  | 29.1        | 152.1        |
| Rivnenska                   | 71.1                                                   | 8.9         | 4.4        | 13.3              | 9.8                                                           | 0                                                | 91.1                                   | 97.9                                   | 55.6                                                 | 56.4                                  | 21.8        | 87.6         |
| Soumska                     | 71.5                                                   | 2.6         | 2.0        | 20.5              | 1.8                                                           | 0                                                | 94.7                                   | 100.0                                  | 68.9                                                 | 122.4                                 | 42.1        | 190.0        |
| Ternopilska                 | 75.5                                                   | 14.3        | 4.1        | 2.0               | 10.9                                                          | 1                                                | 87.8                                   | 100.0                                  | 51.0                                                 | 44.3                                  | 17.3        | 68.0         |
| Kharkivska                  | 69.7                                                   | 4.1         | 3.4        | 3.4               | 6.5                                                           | 0                                                | 90.3                                   | 98.0                                   | 34.5                                                 | 80.3                                  | 23.8        | 129.0        |
| Khersonska                  | 84.3                                                   | 8.3         | 7.4        | 0.0               | 3.7                                                           | 0                                                | 83.3                                   | 100.0                                  | 73.1                                                 | 156.5                                 | 46.6        | 251.4        |
| Khmelnitska                 | 92.9                                                   | 2.9         | 2.9        | 0.0               | 11.3                                                          | 1                                                | 92.9                                   | 100.0                                  | 41.4                                                 | 58.0                                  | 18.5        | 92.2         |
| Cherkasska                  | 76.4                                                   | 14.6        | 6.5        | 0.8               | 7.0                                                           | 0                                                | 95.9                                   | 98.5                                   | 45.5                                                 | 114.3                                 | 36.2        | 180.1        |
| Chernivetska                | 46.3                                                   | 13.0        | 1.9        | 16.7              | 9.7                                                           | 0                                                | 83.3                                   | 94.6                                   | 40.7                                                 | 47.3                                  | 16.7        | 74.5         |
| Chernigivska                | 83.9                                                   | 8.1         | 6.5        | 0.0               | 7.1                                                           | 1                                                | 98.4                                   | 100.0                                  | 46.8                                                 | 121.2                                 | 45.3        | 184.3        |
| Kyiv city                   | 85.1                                                   | 10.8        | 0.5        | 2.7               | 2.1                                                           | 1                                                | 97.6                                   | 99.8                                   | 86.0                                                 | 220.1                                 | 77.9        | 342.2        |
| Sebastopol city             |                                                        |             |            |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |              |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 933  | 431  | 502  |
| Incidence (crude rate)                                                    |                                         |  | 2.6  | 2.6  | 2.6  |
| Incidence (age-standardized, world standard)                              |                                         |  | 2.4  | 2.4  | 2.6  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 2.6  | 2.5  | 2.7  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 286  | 166  | 120  |
| Mortality (crude rate)                                                    |                                         |  | 0.8  | 1.0  | 0.6  |
| Mortality (age-standardized, world standard)                              |                                         |  | 0.6  | 0.7  | 0.5  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 0.8  | 1.0  | 0.6  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 10.9 | 15.3 | 7.1  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.8  | 1.4  | 0.2  |
| Microscopically verified diagnoses, %                                     |                                         |  | 99.7 | 99.5 | 99.8 |
| Diagnoses verified with histology, %                                      |                                         |  | 93.7 | 91.6 | 95.4 |
| Not specified morphology, %                                               |                                         |  | 0.0  | 0.0  | 0.0  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 13.0 | 10.7 | 14.9 |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 88.1 | 86.9 | 89.2 |
| - surgical treatment only, %                                              |                                         |  | 1.9  | 2.3  | 1.4  |
| - combined or complex scheme of treatment, %                              |                                         |  | 9.0  | 7.5  | 10.2 |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 85   | 46   | 39   |
|                                                                           | rate per 100 000 of children population |  | 1.2  | 1.3  | 1.2  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 5    | 2    | 3    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>2.6</b>                                     | <b>2.6</b> | <b>2.6</b> | <b>2.4</b>                                       | <b>2.4</b> | <b>2.6</b> | <b>2.6</b>                                           | <b>2.5</b> | <b>2.7</b> | <b>0.8</b>                                     | <b>1.0</b> | <b>0.6</b> | <b>0.6</b>                                       | <b>0.7</b> | <b>0.5</b> | <b>0.8</b>                                           | <b>1.0</b> | <b>0.6</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 2.1                                            | 2.7        | 1.5        | 2.0                                              | 2.4        | 1.7        | 2.1                                                  | 2.6        | 1.7        | 0.6                                            | 0.8        | 0.4        | 0.5                                              | 0.6        | 0.3        | 0.5                                                  | 0.7        | 0.4        |  |
| Volynska                                       | 2.5                                            | 2.0        | 2.9        | 2.4                                              | 1.9        | 2.9        | 2.6                                                  | 2.1        | 3.1        | 0.7                                            | 0.8        | 0.6        | 0.6                                              | 0.7        | 0.6        | 0.8                                                  | 1.0        | 0.7        |  |
| Dnipropetrovsk                                 | 3.1                                            | 2.7        | 3.4        | 3.1                                              | 2.8        | 3.5        | 3.1                                                  | 2.6        | 3.6        | 0.8                                            | 0.9        | 0.6        | 0.6                                              | 0.8        | 0.5        | 0.7                                                  | 0.9        | 0.6        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 1.9                                            | 2.7        | 1.2        | 1.8                                              | 2.6        | 1.1        | 1.9                                                  | 2.6        | 1.1        | 0.3                                            | 0.5        | 0.2        | 0.2                                              | 0.3        | 0.0        | 0.2                                                  | 0.5        | 0.1        |  |
| Zakarpatska                                    | 2.0                                            | 1.7        | 2.3        | 1.7                                              | 1.5        | 2.0        | 2.0                                                  | 1.8        | 2.2        | 0.9                                            | 0.8        | 0.9        | 0.8                                              | 0.7        | 0.8        | 0.9                                                  | 0.8        | 1.0        |  |
| Zaporizzka                                     | 2.3                                            | 2.5        | 2.2        | 2.1                                              | 2.3        | 1.9        | 2.3                                                  | 2.6        | 2.1        | 0.8                                            | 1.4        | 0.3        | 0.5                                              | 1.0        | 0.2        | 0.8                                                  | 1.3        | 0.3        |  |
| Ivano-Frankivska                               | 2.4                                            | 2.6        | 2.2        | 2.3                                              | 2.5        | 2.1        | 2.3                                                  | 2.4        | 2.3        | 0.9                                            | 1.4        | 0.4        | 0.7                                              | 1.1        | 0.3        | 0.8                                                  | 1.3        | 0.4        |  |
| Kyivska                                        | 2.9                                            | 2.4        | 3.4        | 2.7                                              | 2.0        | 3.5        | 2.9                                                  | 2.3        | 3.6        | 0.9                                            | 1.4        | 0.4        | 0.7                                              | 1.2        | 0.2        | 0.9                                                  | 1.4        | 0.4        |  |
| Kirovogradsk                                   | 2.7                                            | 3.6        | 1.9        | 2.8                                              | 3.4        | 2.2        | 2.8                                                  | 3.6        | 2.2        | 0.6                                            | 0.7        | 0.6        | 0.5                                              | 0.5        | 0.7        | 0.6                                                  | 0.7        | 0.7        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 2.1                                            | 2.2        | 2.1        | 2.1                                              | 2.0        | 2.2        | 2.2                                                  | 2.3        | 2.3        | 0.5                                            | 0.8        | 0.2        | 0.4                                              | 0.6        | 0.3        | 0.5                                                  | 0.8        | 0.3        |  |
| Mykolajivska                                   | 2.4                                            | 2.6        | 2.2        | 2.4                                              | 2.3        | 2.6        | 2.5                                                  | 2.5        | 2.6        | 1.1                                            | 1.3        | 1.0        | 1.0                                              | 1.1        | 0.8        | 1.1                                                  | 1.4        | 1.0        |  |
| Odesska                                        | 3.9                                            | 3.8        | 4.1        | 3.4                                              | 3.2        | 3.6        | 3.8                                                  | 3.6        | 4.0        | 1.3                                            | 1.6        | 1.1        | 0.9                                              | 1.2        | 0.7        | 1.2                                                  | 1.5        | 1.0        |  |
| Poltavsk                                       | 2.6                                            | 2.6        | 2.7        | 3.0                                              | 2.9        | 3.0        | 3.0                                                  | 2.8        | 3.1        | 0.6                                            | 0.5        | 0.8        | 0.4                                              | 0.3        | 0.6        | 0.6                                                  | 0.5        | 0.7        |  |
| Rivnenska                                      | 1.6                                            | 1.6        | 1.5        | 1.6                                              | 1.7        | 1.5        | 1.5                                                  | 1.6        | 1.5        | 1.1                                            | 1.1        | 1.2        | 1.0                                              | 0.9        | 1.1        | 1.2                                                  | 1.2        | 1.3        |  |
| Soumska                                        | 2.4                                            | 2.7        | 2.1        | 2.5                                              | 2.5        | 2.6        | 2.5                                                  | 2.7        | 2.5        | 0.9                                            | 0.6        | 1.1        | 0.6                                              | 0.4        | 0.9        | 0.8                                                  | 0.5        | 1.1        |  |
| Ternopilska                                    | 2.5                                            | 2.8        | 2.3        | 2.1                                              | 2.2        | 2.1        | 2.4                                                  | 2.7        | 2.3        | 1.5                                            | 1.8        | 1.2        | 1.0                                              | 1.2        | 0.8        | 1.4                                                  | 1.7        | 1.2        |  |
| Kharkivska                                     | 3.1                                            | 2.5        | 3.6        | 3.0                                              | 2.2        | 3.8        | 3.1                                                  | 2.5        | 3.9        | 0.9                                            | 0.9        | 0.8        | 0.6                                              | 0.6        | 0.7        | 0.8                                                  | 0.8        | 0.8        |  |
| Khersonska                                     | 1.5                                            | 0.8        | 2.1        | 1.3                                              | 0.7        | 1.9        | 1.5                                                  | 0.7        | 2.1        | 0.2                                            | 0.2        | 0.2        | 0.2                                              | 0.2        | 0.2        | 0.2                                                  | 0.2        | 0.2        |  |
| Khmelnitska                                    | 2.1                                            | 2.8        | 1.4        | 2.1                                              | 2.5        | 1.7        | 2.1                                                  | 2.8        | 1.6        | 0.6                                            | 1.2        | 0.1        | 0.3                                              | 0.7        | 0.2        | 0.6                                                  | 1.3        | 0.2        |  |
| Cherkasska                                     | 2.2                                            | 3.0        | 1.6        | 2.3                                              | 2.9        | 1.8        | 2.3                                                  | 2.9        | 1.8        | 0.3                                            | 0.5        | 0.2        | 0.2                                              | 0.4        | 0.0        | 0.3                                                  | 0.5        | 0.1        |  |
| Chernivetska                                   | 2.0                                            | 2.4        | 1.7        | 1.6                                              | 1.9        | 1.3        | 1.9                                                  | 2.3        | 1.6        | 0.8                                            | 0.7        | 0.8        | 0.5                                              | 0.5        | 0.5        | 0.9                                                  | 1.0        | 0.9        |  |
| Chernigivska                                   | 2.5                                            | 2.7        | 2.3        | 2.3                                              | 2.2        | 2.5        | 2.5                                                  | 2.5        | 2.6        | 1.1                                            | 1.9        | 0.5        | 0.9                                              | 1.4        | 0.4        | 1.0                                                  | 1.6        | 0.5        |  |
| Kyiv city                                      | 3.2                                            | 2.7        | 3.6        | 2.9                                              | 2.6        | 3.1        | 3.1                                                  | 2.7        | 3.5        | 0.7                                            | 0.8        | 0.7        | 0.6                                              | 0.6        | 0.5        | 0.7                                                  | 0.7        | 0.7        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |    | <b>2.5</b>                                        | <b>2.4</b> | <b>2.5</b> |                                                     |    |    | <b>0.7</b>                                        | <b>0.8</b> | <b>0.5</b> |
| AR Krym                                          |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 43                                                | 18 | 25 | 2.7                                               | 2.4        | 2.9        | 6                                                   | 4  | 2  | 0.4                                               | 0.5        | 0.2        |
| Volynska                                         | 25                                                | 11 | 14 | 2.4                                               | 2.2        | 2.6        | 4                                                   | 2  | 2  | 0.4                                               | 0.4        | 0.4        |
| Dnipropetrovska                                  | 89                                                | 38 | 51 | 2.7                                               | 2.5        | 2.9        | 26                                                  | 13 | 13 | 0.8                                               | 0.9        | 0.7        |
| Donetska                                         |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 27                                                | 13 | 14 | 2.2                                               | 2.2        | 2.1        | 12                                                  | 5  | 7  | 1.0                                               | 0.9        | 1.0        |
| Zakarpatska                                      | 22                                                | 6  | 16 | 1.8                                               | 1.0        | 2.5        | 6                                                   | 2  | 4  | 0.5                                               | 0.3        | 0.6        |
| Zaporizzka                                       | 31                                                | 14 | 17 | 1.8                                               | 1.7        | 1.8        | 16                                                  | 11 | 5  | 0.9                                               | 1.4        | 0.5        |
| Ivano-Frankivska                                 | 33                                                | 13 | 20 | 2.4                                               | 2.0        | 2.8        | 16                                                  | 13 | 3  | 1.2                                               | 2.0        | 0.4        |
| Kyivska                                          | 49                                                | 21 | 28 | 2.8                                               | 2.6        | 3.0        | 8                                                   | 6  | 2  | 0.5                                               | 0.8        | 0.2        |
| Kirovogradksa                                    | 23                                                | 17 | 6  | 2.4                                               | 3.8        | 1.1        | 7                                                   | 3  | 4  | 0.7                                               | 0.7        | 0.8        |
| Louganska                                        |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 60                                                | 33 | 27 | 2.4                                               | 2.8        | 2.0        | 14                                                  | 10 | 4  | 0.6                                               | 0.8        | 0.3        |
| Mykolajivska                                     | 24                                                | 11 | 13 | 2.1                                               | 2.0        | 2.1        | 6                                                   | 4  | 2  | 0.5                                               | 0.7        | 0.3        |
| Odesska                                          | 61                                                | 22 | 39 | 2.6                                               | 2.0        | 3.1        | 11                                                  | 5  | 6  | 0.5                                               | 0.5        | 0.5        |
| Poltavska                                        | 39                                                | 21 | 18 | 2.7                                               | 3.2        | 2.3        | 13                                                  | 7  | 6  | 0.9                                               | 1.1        | 0.8        |
| Rivnenska                                        | 33                                                | 16 | 17 | 2.8                                               | 2.9        | 2.8        | 10                                                  | 8  | 2  | 0.9                                               | 1.5        | 0.3        |
| Soumska                                          | 22                                                | 8  | 14 | 2.0                                               | 1.6        | 2.3        | 8                                                   | 5  | 3  | 0.7                                               | 1.0        | 0.5        |
| Ternopilska                                      | 27                                                | 12 | 15 | 2.5                                               | 2.4        | 2.6        | 7                                                   | 4  | 3  | 0.7                                               | 0.8        | 0.5        |
| Kharkivska                                       | 65                                                | 30 | 35 | 2.4                                               | 2.4        | 2.4        | 19                                                  | 13 | 6  | 0.7                                               | 1.0        | 0.4        |
| Khersonska                                       | 22                                                | 11 | 11 | 2.1                                               | 2.2        | 1.9        | 8                                                   | 2  | 6  | 0.8                                               | 0.4        | 1.1        |
| Khmelnitska                                      | 35                                                | 14 | 21 | 2.7                                               | 2.3        | 3.0        | 6                                                   | 4  | 2  | 0.5                                               | 0.7        | 0.3        |
| Cherkasska                                       | 27                                                | 14 | 13 | 2.2                                               | 2.5        | 1.9        | 2                                                   | 1  | 1  | 0.2                                               | 0.2        | 0.2        |
| Chernivetska                                     | 22                                                | 10 | 12 | 2.4                                               | 2.4        | 2.5        | 6                                                   | 3  | 3  | 0.7                                               | 0.7        | 0.6        |
| Chernigivska                                     | 32                                                | 12 | 20 | 3.1                                               | 2.5        | 3.5        | 6                                                   | 3  | 3  | 0.6                                               | 0.6        | 0.5        |
| Kyiv city                                        | 77                                                | 32 | 45 | 2.7                                               | 2.4        | 2.9        | 17                                                  | 8  | 9  | 0.6                                               | 0.6        | 0.6        |
| Sebastopol city                                  |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases,<br>% |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|---------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                  | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>45.3</b>                           | <b>17.1</b> | <b>10.2</b> | <b>27.3</b>       | <b>10.9</b>                                                   | <b>7</b>                                         | <b>85.6</b>                            | <b>99.9</b>                            | <b>16.6</b>                                          | <b>37.2</b>                           | <b>34.8</b> | <b>39.4</b> |
| AR Krym                     |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 50.0                                  | 33.3        | 16.7        | 0.0               | 6.1                                                           | 0                                                | 88.9                                   | 100.0                                  | 5.6                                                  | 38.5                                  | 32.5        | 43.6        |
| Volynska                    | 84.0                                  | 4.0         | 4.0         | 8.0               | 15.4                                                          | 0                                                | 80.0                                   | 100.0                                  | 20.0                                                 | 34.1                                  | 29.2        | 38.6        |
| Dnipropetrovska             | 71.6                                  | 11.4        | 13.6        | 3.4               | 16.2                                                          | 0                                                | 83.0                                   | 100.0                                  | 21.6                                                 | 41.0                                  | 37.0        | 44.4        |
| Donetska                    |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 54.2                                  | 12.5        | 8.3         | 25.0              | 8.3                                                           | 0                                                | 91.7                                   | 100.0                                  | 33.3                                                 | 35.4                                  | 36.7        | 34.3        |
| Zakarpatska                 | 38.1                                  | 19.0        | 38.1        | 4.8               | 24.0                                                          | 1                                                | 71.4                                   | 100.0                                  | 0.0                                                  | 23.2                                  | 23.0        | 23.4        |
| Zaporizzka                  | 41.4                                  | 20.7        | 13.8        | 24.1              | 17.1                                                          | 0                                                | 51.7                                   | 100.0                                  | 0.0                                                  | 28.8                                  | 28.7        | 29.0        |
| Ivano-Frankivska            | 63.6                                  | 24.2        | 12.1        | 0.0               | 6.1                                                           | 0                                                | 81.8                                   | 100.0                                  | 3.0                                                  | 30.7                                  | 28.7        | 32.6        |
| Kyivska                     | 63.3                                  | 16.3        | 20.4        | 0.0               | 6.1                                                           | 0                                                | 89.8                                   | 100.0                                  | 8.2                                                  | 47.6                                  | 45.3        | 49.5        |
| Kirovogradksa               | 34.8                                  | 21.7        | 34.8        | 8.7               | 0.0                                                           | 0                                                | 95.7                                   | 100.0                                  | 17.4                                                 | 31.4                                  | 30.6        | 32.1        |
| Louganska                   |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 42.4                                  | 15.3        | 1.7         | 40.7              | 7.5                                                           | 0                                                | 86.4                                   | 100.0                                  | 11.9                                                 | 36.7                                  | 35.0        | 38.2        |
| Mykolajivska                | 21.7                                  | 52.2        | 21.7        | 4.3               | 14.8                                                          | 1                                                | 91.3                                   | 100.0                                  | 56.5                                                 | 35.3                                  | 33.6        | 36.8        |
| Odesska                     | 3.4                                   | 0.0         | 0.0         | 96.6              | 16.5                                                          | 2                                                | 89.8                                   | 100.0                                  | 0.0                                                  | 34.9                                  | 35.2        | 34.6        |
| Poltavska                   | 86.8                                  | 10.5        | 2.6         | 0.0               | 2.6                                                           | 0                                                | 73.7                                   | 100.0                                  | 21.1                                                 | 42.0                                  | 37.1        | 46.1        |
| Rivnenska                   | 9.1                                   | 3.0         | 0.0         | 87.9              | 16.7                                                          | 0                                                | 90.9                                   | 100.0                                  | 9.1                                                  | 32.6                                  | 32.7        | 32.5        |
| Soumska                     | 57.1                                  | 33.3        | 4.8         | 4.8               | 3.7                                                           | 0                                                | 95.2                                   | 100.0                                  | 0.0                                                  | 37.0                                  | 32.2        | 41.1        |
| Ternopilska                 | 55.6                                  | 11.1        | 18.5        | 14.8              | 15.4                                                          | 0                                                | 96.3                                   | 100.0                                  | 22.2                                                 | 36.2                                  | 34.8        | 37.4        |
| Kharkivska                  | 4.6                                   | 4.6         | 0.0         | 90.8              | 9.8                                                           | 1                                                | 76.9                                   | 100.0                                  | 9.2                                                  | 40.6                                  | 34.7        | 45.7        |
| Khersonska                  | 47.6                                  | 23.8        | 28.6        | 0.0               | 6.7                                                           | 0                                                | 100.0                                  | 100.0                                  | 0.0                                                  | 32.5                                  | 30.8        | 34.1        |
| Khmelnitska                 | 41.2                                  | 35.3        | 2.9         | 20.6              | 7.7                                                           | 0                                                | 94.1                                   | 100.0                                  | 8.8                                                  | 39.9                                  | 39.4        | 40.4        |
| Cherkasska                  | 61.5                                  | 26.9        | 11.5        | 0.0               | 10.7                                                          | 1                                                | 96.2                                   | 100.0                                  | 23.1                                                 | 43.1                                  | 43.1        | 43.1        |
| Chernivetska                | 54.5                                  | 22.7        | 13.6        | 9.1               | 11.1                                                          | 0                                                | 86.4                                   | 95.5                                   | 9.1                                                  | 39.7                                  | 41.5        | 38.1        |
| Chernigivska                | 53.1                                  | 31.3        | 15.6        | 0.0               | 15.4                                                          | 1                                                | 93.8                                   | 100.0                                  | 9.4                                                  | 39.0                                  | 33.7        | 43.4        |
| Kyiv city                   | 38.7                                  | 17.3        | 2.7         | 41.3              | 7.1                                                           | 0                                                | 84.0                                   | 100.0                                  | 57.3                                                 | 40.8                                  | 36.4        | 44.5        |
| Sebastopol city             |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sebastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  | <b>♀</b> | <b>♂</b> | <b>●</b> |
|---------------------------------------------------------------------------|-----------------------------------------|--|----------|----------|----------|
| Incidence: number of new cases*                                           |                                         |  | 2092     | 1048     | 1044     |
| Incidence (crude rate)                                                    |                                         |  | 5.8      | 6.2      | 5.4      |
| Incidence (age-standardized, world standard)                              |                                         |  | 4.0      | 4.8      | 3.3      |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 5.5      | 6.7      | 4.7      |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |          |          |          |
| Mortality: number of new cases*                                           |                                         |  | 1048     | 564      | 484      |
| Mortality (crude rate)                                                    |                                         |  | 2.9      | 3.4      | 2.5      |
| Mortality (age-standardized, world standard)                              |                                         |  | 1.8      | 2.4      | 1.4      |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 2.7      | 3.6      | 2.1      |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 32.4     | 35.1     | 29.8     |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.1      | 1.5      | 0.6      |
| Microscopically verified diagnoses, %                                     |                                         |  | 99.7     | 99.7     | 99.6     |
| Diagnoses verified with histology, %                                      |                                         |  | 89.6     | 91.0     | 88.1     |
| Not specified morphology, %                                               |                                         |  | 0.0      | 0.0      | 0.0      |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 10.0     | 10.2     | 9.9      |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 79.3     | 79.3     | 79.4     |
| - surgical treatment only, %                                              |                                         |  | 5.5      | 5.9      | 5.2      |
| - combined or complex scheme of treatment, %                              |                                         |  | 10.3     | 11.0     | 9.6      |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 60       | 48       | 12       |
|                                                                           | rate per 100 000 of children population |  | 0.9      | 1.4      | 0.3      |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 8        | 7        | 1        |
|                                                                           | rate per 100 000 of children population |  | 0.1      | 0.2      | 0.0      |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|
|                                                | <b>♀</b>                                       | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                         | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                             | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                       | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                         | <b>♂</b>   | <b>●</b>   | <b>♀</b>                                             | <b>♂</b>   | <b>●</b>   |
| <b>Ukraine</b>                                 | <b>5.8</b>                                     | <b>6.2</b> | <b>5.4</b> | <b>4.0</b>                                       | <b>4.8</b> | <b>3.3</b> | <b>5.5</b>                                           | <b>6.7</b> | <b>4.7</b> | <b>2.9</b>                                     | <b>3.4</b> | <b>2.5</b> | <b>1.8</b>                                       | <b>2.4</b> | <b>1.4</b> | <b>2.7</b>                                           | <b>3.6</b> | <b>2.1</b> |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |
| Vinnytska                                      | 6.9                                            | 5.8        | 7.8        | 4.5                                              | 4.2        | 4.7        | 6.3                                                  | 5.9        | 6.6        | 2.9                                            | 3.1        | 2.7        | 1.6                                              | 2.1        | 1.2        | 2.5                                                  | 3.1        | 2.0        |
| Volynska                                       | 4.5                                            | 5.1        | 4.0        | 3.6                                              | 4.4        | 3.2        | 5.0                                                  | 6.6        | 4.2        | 1.8                                            | 1.4        | 2.2        | 1.2                                              | 1.2        | 1.3        | 2.0                                                  | 2.1        | 2.0        |
| Dnipropetrovsk                                 | 5.8                                            | 6.2        | 5.5        | 3.8                                              | 4.5        | 3.2        | 5.3                                                  | 6.5        | 4.6        | 2.6                                            | 2.5        | 2.6        | 1.6                                              | 1.7        | 1.5        | 2.4                                                  | 2.6        | 2.2        |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |
| Zhytomyrska                                    | 4.4                                            | 5.5        | 3.4        | 2.8                                              | 4.0        | 2.0        | 4.1                                                  | 5.9        | 2.8        | 2.9                                            | 3.4        | 2.5        | 1.6                                              | 2.4        | 1.1        | 2.6                                                  | 3.9        | 1.7        |
| Zakarpatska                                    | 4.8                                            | 4.0        | 5.5        | 3.5                                              | 3.2        | 3.9        | 5.3                                                  | 5.2        | 5.5        | 2.4                                            | 2.2        | 2.6        | 1.7                                              | 1.8        | 1.6        | 2.6                                                  | 2.7        | 2.4        |
| Zaporizzka                                     | 6.1                                            | 6.7        | 5.6        | 4.0                                              | 5.0        | 3.3        | 5.5                                                  | 6.7        | 4.7        | 3.4                                            | 4.8        | 2.3        | 2.1                                              | 3.6        | 1.0        | 3.0                                                  | 4.9        | 1.7        |
| Ivano-Frankivska                               | 5.5                                            | 6.5        | 4.7        | 4.1                                              | 5.5        | 2.9        | 5.7                                                  | 7.6        | 4.3        | 3.0                                            | 3.5        | 2.6        | 2.1                                              | 3.0        | 1.4        | 3.3                                                  | 4.1        | 2.5        |
| Kyivska                                        | 6.2                                            | 7.0        | 5.4        | 4.3                                              | 5.6        | 3.2        | 5.8                                                  | 7.6        | 4.5        | 3.0                                            | 3.4        | 2.7        | 1.8                                              | 2.4        | 1.3        | 2.9                                                  | 3.9        | 2.2        |
| Kirovogradsk                                   | 6.5                                            | 7.1        | 6.0        | 4.8                                              | 5.7        | 4.1        | 6.1                                                  | 7.5        | 5.1        | 3.9                                            | 3.8        | 4.0        | 2.4                                              | 2.6        | 2.5        | 3.6                                                  | 4.1        | 3.5        |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |
| Lvivska                                        | 6.2                                            | 6.7        | 5.7        | 4.3                                              | 5.2        | 3.3        | 6.1                                                  | 7.2        | 5.1        | 3.0                                            | 3.3        | 2.8        | 2.0                                              | 2.4        | 1.5        | 3.1                                                  | 3.6        | 2.6        |
| Mykolajivska                                   | 5.6                                            | 5.8        | 5.4        | 4.0                                              | 4.4        | 3.5        | 5.5                                                  | 6.0        | 4.9        | 2.8                                            | 3.7        | 2.1        | 2.0                                              | 2.8        | 1.3        | 2.7                                                  | 3.8        | 1.8        |
| Odesska                                        | 6.7                                            | 7.8        | 5.8        | 4.8                                              | 6.0        | 4.0        | 6.4                                                  | 8.4        | 5.1        | 3.7                                            | 4.4        | 3.1        | 2.3                                              | 3.1        | 1.9        | 3.4                                                  | 4.8        | 2.6        |
| Poltavsk                                       | 4.5                                            | 5.0        | 4.1        | 3.1                                              | 3.9        | 2.4        | 4.1                                                  | 5.0        | 3.4        | 2.7                                            | 2.7        | 2.7        | 1.6                                              | 1.6        | 1.6        | 2.5                                                  | 2.7        | 2.4        |
| Rivnenska                                      | 4.6                                            | 5.8        | 3.5        | 3.9                                              | 5.2        | 2.8        | 5.0                                                  | 6.9        | 3.6        | 2.7                                            | 3.1        | 2.3        | 2.1                                              | 2.7        | 1.7        | 3.2                                                  | 4.1        | 2.6        |
| Soumska                                        | 3.9                                            | 2.9        | 4.7        | 2.7                                              | 2.1        | 3.1        | 3.6                                                  | 2.9        | 4.1        | 2.6                                            | 3.3        | 2.0        | 1.3                                              | 1.8        | 1.0        | 2.1                                                  | 3.1        | 1.5        |
| Ternopilska                                    | 4.8                                            | 5.0        | 4.6        | 3.4                                              | 4.0        | 2.7        | 4.7                                                  | 5.3        | 4.0        | 3.6                                            | 3.8        | 3.3        | 2.3                                              | 3.0        | 1.7        | 3.5                                                  | 4.4        | 2.8        |
| Kharkivska                                     | 5.7                                            | 6.0        | 5.5        | 4.0                                              | 4.9        | 3.3        | 5.4                                                  | 6.2        | 4.7        | 2.8                                            | 3.4        | 2.3        | 1.6                                              | 2.2        | 1.3        | 2.4                                                  | 3.2        | 1.8        |
| Khersonska                                     | 4.1                                            | 4.6        | 3.7        | 2.7                                              | 3.8        | 1.8        | 4.1                                                  | 5.3        | 3.0        | 1.3                                            | 1.4        | 1.2        | 0.9                                              | 1.0        | 0.9        | 1.3                                                  | 1.7        | 1.2        |
| Khmelnitska                                    | 5.7                                            | 5.6        | 5.7        | 3.9                                              | 4.3        | 3.6        | 5.3                                                  | 5.7        | 5.0        | 2.5                                            | 3.3        | 1.7        | 1.4                                              | 1.9        | 1.1        | 2.1                                                  | 3.3        | 1.5        |
| Cherkasska                                     | 7.6                                            | 8.4        | 6.9        | 4.3                                              | 5.3        | 3.7        | 6.6                                                  | 8.5        | 5.5        | 3.3                                            | 3.8        | 2.8        | 1.9                                              | 2.5        | 1.5        | 2.7                                                  | 3.8        | 2.1        |
| Chernivetska                                   | 4.4                                            | 6.6        | 2.5        | 3.5                                              | 5.7        | 1.5        | 4.5                                                  | 7.4        | 2.1        | 3.2                                            | 5.2        | 1.5        | 2.2                                              | 4.1        | 0.8        | 3.4                                                  | 6.5        | 1.2        |
| Chernigivska                                   | 5.1                                            | 6.0        | 4.3        | 3.8                                              | 4.6        | 3.4        | 4.8                                                  | 6.3        | 4.0        | 3.2                                            | 3.5        | 2.9        | 1.8                                              | 2.3        | 1.5        | 2.7                                                  | 3.4        | 2.3        |
| Kyiv city                                      | 7.7                                            | 8.2        | 7.2        | 5.1                                              | 6.0        | 4.5        | 7.5                                                  | 9.1        | 6.5        | 2.8                                            | 3.7        | 2.0        | 1.6                                              | 2.5        | 1.0        | 2.7                                                  | 4.1        | 1.7        |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |    | <b>5.4</b>                                        | <b>6.1</b> | <b>4.7</b> |                                                     |    |    | <b>2.9</b>                                        | <b>3.4</b> | <b>2.5</b> |
| AR Krym                                          |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 92                                                | 47  | 45 | 5.7                                               | 6.4        | 5.2        | 60                                                  | 29 | 31 | 3.7                                               | 3.9        | 3.6        |
| Volynska                                         | 32                                                | 18  | 14 | 3.1                                               | 3.7        | 2.6        | 20                                                  | 13 | 7  | 1.9                                               | 2.7        | 1.3        |
| Dnipropetrovska                                  | 185                                               | 107 | 78 | 5.7                                               | 7.2        | 4.4        | 95                                                  | 53 | 42 | 2.9                                               | 3.5        | 2.4        |
| Donetska                                         |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 68                                                | 46  | 22 | 5.4                                               | 7.9        | 3.3        | 44                                                  | 26 | 18 | 3.5                                               | 4.5        | 2.7        |
| Zakarpatska                                      | 54                                                | 29  | 25 | 4.3                                               | 4.8        | 3.8        | 40                                                  | 20 | 20 | 3.2                                               | 3.3        | 3.1        |
| Zaporizzka                                       | 86                                                | 44  | 42 | 4.9                                               | 5.5        | 4.4        | 46                                                  | 23 | 23 | 2.6                                               | 2.9        | 2.4        |
| Ivano-Frankivska                                 | 69                                                | 33  | 36 | 5.0                                               | 5.1        | 5.0        | 42                                                  | 27 | 15 | 3.0                                               | 4.1        | 2.1        |
| Kyivska                                          | 110                                               | 63  | 47 | 6.4                                               | 7.9        | 5.1        | 45                                                  | 24 | 21 | 2.6                                               | 3.0        | 2.3        |
| Kirovogradksa                                    | 49                                                | 21  | 28 | 5.0                                               | 4.7        | 5.3        | 28                                                  | 11 | 17 | 2.9                                               | 2.5        | 3.2        |
| Louganska                                        |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 177                                               | 91  | 86 | 7.0                                               | 7.6        | 6.5        | 82                                                  | 47 | 35 | 3.3                                               | 3.9        | 2.6        |
| Mykolajivska                                     | 53                                                | 23  | 30 | 4.6                                               | 4.3        | 4.8        | 32                                                  | 15 | 17 | 2.8                                               | 2.8        | 2.7        |
| Odesska                                          | 119                                               | 65  | 54 | 5.0                                               | 5.8        | 4.3        | 43                                                  | 19 | 24 | 1.8                                               | 1.7        | 1.9        |
| Poltavska                                        | 54                                                | 22  | 32 | 3.8                                               | 3.3        | 4.1        | 45                                                  | 27 | 18 | 3.1                                               | 4.1        | 2.3        |
| Rivnenska                                        | 49                                                | 27  | 22 | 4.2                                               | 4.9        | 3.6        | 29                                                  | 20 | 9  | 2.5                                               | 3.6        | 1.5        |
| Soumska                                          | 57                                                | 32  | 25 | 5.1                                               | 6.2        | 4.1        | 36                                                  | 22 | 14 | 3.2                                               | 4.3        | 2.3        |
| Ternopilska                                      | 49                                                | 26  | 23 | 4.6                                               | 5.2        | 4.0        | 33                                                  | 14 | 19 | 3.1                                               | 2.8        | 3.3        |
| Kharkivska                                       | 149                                               | 63  | 86 | 5.5                                               | 5.0        | 5.9        | 80                                                  | 42 | 38 | 3.0                                               | 3.3        | 2.6        |
| Khersonska                                       | 35                                                | 20  | 15 | 3.3                                               | 4.1        | 2.6        | 19                                                  | 13 | 6  | 1.8                                               | 2.6        | 1.1        |
| Khmelnitska                                      | 60                                                | 32  | 28 | 4.6                                               | 5.3        | 4.0        | 27                                                  | 14 | 13 | 2.1                                               | 2.3        | 1.9        |
| Cherkasska                                       | 84                                                | 47  | 37 | 6.7                                               | 8.2        | 5.5        | 51                                                  | 28 | 23 | 4.1                                               | 4.9        | 3.4        |
| Chernivetska                                     | 42                                                | 22  | 20 | 4.6                                               | 5.2        | 4.2        | 23                                                  | 11 | 12 | 2.5                                               | 2.6        | 2.5        |
| Chernigivska                                     | 57                                                | 33  | 24 | 5.4                                               | 7.0        | 4.2        | 32                                                  | 20 | 12 | 3.1                                               | 4.2        | 2.1        |
| Kyiv city                                        | 211                                               | 115 | 96 | 7.4                                               | 8.8        | 6.3        | 112                                                 | 54 | 58 | 3.9                                               | 4.1        | 3.8        |
| Sevastopol city                                  |                                                   |     |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases,<br>% |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|---------------------------------------|-------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                  | III         | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>26.9</b>                           | <b>17.2</b> | <b>17.3</b> | <b>38.5</b>       | <b>32.4</b>                                                   | <b>21</b>                                        | <b>77.7</b>                            | <b>99.7</b>                            | <b>10.6</b>                                          | <b>34.3</b>                           | <b>36.0</b> | <b>32.8</b> |
| AR Krym                     |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 57.3                                  | 24.4        | 18.3        | 0.0               | 25.7                                                          | 0                                                | 65.9                                   | 100.0                                  | 3.7                                                  | 38.1                                  | 39.5        | 36.9        |
| Volynska                    | 79.3                                  | 13.8        | 0.0         | 6.9               | 39.5                                                          | 2                                                | 79.3                                   | 100.0                                  | 6.9                                                  | 26.3                                  | 26.9        | 25.8        |
| Dnipropetrovska             | 43.4                                  | 27.4        | 24.6        | 4.6               | 34.1                                                          | 0                                                | 77.1                                   | 100.0                                  | 10.9                                                 | 32.5                                  | 35.8        | 29.8        |
| Donetska                    |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 14.3                                  | 15.9        | 38.1        | 31.7              | 32.1                                                          | 0                                                | 68.3                                   | 100.0                                  | 3.2                                                  | 28.3                                  | 29.1        | 27.6        |
| Zakarpatska                 | 17.6                                  | 7.8         | 31.4        | 43.1              | 43.9                                                          | 0                                                | 64.7                                   | 100.0                                  | 0.0                                                  | 22.8                                  | 24.2        | 21.4        |
| Zaporizzka                  | 25.3                                  | 21.3        | 14.7        | 38.7              | 42.4                                                          | 5                                                | 49.3                                   | 100.0                                  | 1.3                                                  | 21.8                                  | 22.0        | 21.6        |
| Ivano-Frankivska            | 16.7                                  | 16.7        | 13.6        | 53.0              | 30.0                                                          | 1                                                | 84.8                                   | 100.0                                  | 4.5                                                  | 25.7                                  | 28.1        | 23.5        |
| Kyivska                     | 39.8                                  | 21.4        | 32.7        | 6.1               | 25.3                                                          | 1                                                | 78.6                                   | 100.0                                  | 7.1                                                  | 43.6                                  | 48.7        | 39.2        |
| Kirovogradksa               | 34.8                                  | 17.4        | 13.0        | 34.8              | 43.5                                                          | 2                                                | 87.0                                   | 100.0                                  | 8.7                                                  | 26.0                                  | 28.2        | 24.1        |
| Louganska                   |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 23.6                                  | 24.2        | 7.3         | 44.8              | 32.2                                                          | 0                                                | 81.2                                   | 99.4                                   | 6.1                                                  | 46.6                                  | 46.3        | 47.0        |
| Mykolajivska                | 33.3                                  | 29.4        | 15.7        | 21.6              | 45.0                                                          | 0                                                | 72.5                                   | 100.0                                  | 33.3                                                 | 31.2                                  | 32.2        | 30.4        |
| Odesska                     | 1.8                                   | 1.8         | 0.9         | 95.6              | 31.2                                                          | 1                                                | 77.9                                   | 100.0                                  | 0.0                                                  | 42.6                                  | 45.8        | 39.8        |
| Poltavska                   | 74.5                                  | 23.5        | 2.0         | 0.0               | 34.9                                                          | 1                                                | 86.3                                   | 100.0                                  | 17.6                                                 | 26.7                                  | 26.4        | 27.0        |
| Rivnenska                   | 4.3                                   | 4.3         | 0.0         | 91.5              | 22.9                                                          | 0                                                | 70.2                                   | 98.0                                   | 4.3                                                  | 30.7                                  | 32.5        | 29.0        |
| Soumska                     | 53.8                                  | 17.3        | 21.2        | 7.7               | 25.0                                                          | 0                                                | 75.0                                   | 100.0                                  | 1.9                                                  | 21.7                                  | 24.8        | 19.1        |
| Ternopilska                 | 21.4                                  | 14.3        | 9.5         | 54.8              | 43.5                                                          | 1                                                | 81.0                                   | 100.0                                  | 16.7                                                 | 28.8                                  | 31.8        | 26.2        |
| Kharkivska                  | 0.7                                   | 2.2         | 0.7         | 96.3              | 33.6                                                          | 0                                                | 82.2                                   | 100.0                                  | 5.2                                                  | 34.8                                  | 31.5        | 37.6        |
| Khersonska                  | 12.1                                  | 33.3        | 39.4        | 15.2              | 25.0                                                          | 1                                                | 81.8                                   | 100.0                                  | 0.0                                                  | 24.9                                  | 25.7        | 24.1        |
| Khmelnitska                 | 32.1                                  | 25.0        | 5.4         | 37.5              | 26.8                                                          | 0                                                | 80.4                                   | 100.0                                  | 0.0                                                  | 35.4                                  | 37.6        | 33.5        |
| Cherkasska                  | 24.0                                  | 20.0        | 53.3        | 2.7               | 26.2                                                          | 0                                                | 92.0                                   | 98.8                                   | 5.3                                                  | 44.2                                  | 46.6        | 42.3        |
| Chernivetska                | 15.4                                  | 15.4        | 41.0        | 28.2              | 35.9                                                          | 4                                                | 59.0                                   | 97.6                                   | 7.7                                                  | 36.4                                  | 44.6        | 29.1        |
| Chernigivska                | 27.5                                  | 25.5        | 47.1        | 0.0               | 31.3                                                          | 1                                                | 82.4                                   | 98.2                                   | 2.0                                                  | 38.3                                  | 38.1        | 38.5        |
| Kyiv city                   | 18.7                                  | 9.3         | 10.4        | 61.1              | 28.6                                                          | 1                                                | 85.5                                   | 100.0                                  | 45.1                                                 | 45.4                                  | 48.4        | 42.7        |
| Sevastopol city             |                                       |             |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 747  | 368  | 379  |
| Incidence (crude rate)                                                    |                                         |  | 2.1  | 2.2  | 2.0  |
| Incidence (age-standardized, world standard)                              |                                         |  | 1.3  | 1.6  | 1.1  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 2.0  | 2.4  | 1.7  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 461  | 220  | 241  |
| Mortality (crude rate)                                                    |                                         |  | 1.3  | 1.3  | 1.2  |
| Mortality (age-standardized, world standard)                              |                                         |  | 0.8  | 0.9  | 0.7  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 1.2  | 1.5  | 1.1  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 31.3 | 31.7 | 31.0 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.3  | 0.3  | 0.3  |
| Microscopically verified diagnoses, %                                     |                                         |  | 98.3 | 98.9 | 97.6 |
| Diagnoses verified with histology, %                                      |                                         |  | 58.2 | 61.1 | 55.4 |
| Not specified morphology, %                                               |                                         |  | 0.0  | 0.0  | 0.0  |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 9.1  | 9.0  | 9.2  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 82.3 | 83.2 | 81.4 |
| - surgical treatment only, %                                              |                                         |  | 1.0  | 1.4  | 0.6  |
| - combined or complex scheme of treatment, %                              |                                         |  | 3.1  | 5.0  | 1.1  |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 0    | 0    | 0    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |            |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |     |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|-----|
|                                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |     |
| <b>Ukraine</b>                                 | <b>2.1</b>                                     | <b>2.2</b> | <b>2.0</b> | <b>1.3</b>                                       | <b>1.6</b> | <b>1.1</b> | <b>2.0</b>                                           | <b>2.4</b> | <b>1.7</b> | <b>1.3</b>                                     | <b>1.3</b> | <b>1.2</b> | <b>0.8</b>                                       | <b>0.9</b> | <b>0.7</b> | <b>1.2</b>                                           | <b>1.5</b> | <b>1.1</b> |     |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |     |
| Vinnytska                                      | 2.1                                            | 2.2        | 2.1        | 1.3                                              | 1.5        | 1.2        | 1.9                                                  | 2.2        | 1.8        | 1.6                                            | 1.1        | 2.1        | 1.0                                              | 0.8        | 1.2        | 1.6                                                  | 1.1        | 1.9        |     |
| Volynska                                       | 2.0                                            | 1.6        | 2.4        | 1.4                                              | 1.3        | 1.6        | 2.2                                                  | 2.4        | 2.4        | 0.7                                            | 0.4        | 0.9        | 0.5                                              | 0.4        | 0.5        | 0.8                                                  | 0.6        | 0.8        |     |
| Dnipropetrovsk                                 | 2.0                                            | 2.6        | 1.5        | 1.2                                              | 1.9        | 0.8        | 1.9                                                  | 2.7        | 1.2        | 0.9                                            | 1.1        | 0.8        | 0.6                                              | 0.8        | 0.4        | 0.9                                                  | 1.1        | 0.7        |     |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |     |
| Zhytomyrska                                    | 1.9                                            | 1.9        | 1.9        | 1.0                                              | 1.1        | 0.9        | 1.6                                                  | 1.8        | 1.5        | 1.6                                            | 2.1        | 1.2        | 0.9                                              | 1.3        | 0.6        | 1.5                                                  | 2.3        | 1.1        |     |
| Zakarpatska                                    | 2.3                                            | 2.7        | 2.0        | 1.7                                              | 2.0        | 1.5        | 2.4                                                  | 3.2        | 2.0        | 1.0                                            | 0.8        | 1.2        | 0.8                                              | 0.6        | 0.9        | 1.2                                                  | 1.3        | 1.2        |     |
| Zaporizzka                                     | 1.6                                            | 1.7        | 1.5        | 0.9                                              | 1.2        | 0.7        | 1.4                                                  | 1.8        | 1.2        | 0.9                                            | 1.0        | 0.7        | 0.5                                              | 0.7        | 0.4        | 0.8                                                  | 1.0        | 0.6        |     |
| Ivano-Frankivska                               | 2.0                                            | 2.0        | 1.9        | 1.3                                              | 1.6        | 1.0        | 2.2                                                  | 2.5        | 1.8        | 1.5                                            | 1.8        | 1.1        | 0.9                                              | 1.4        | 0.7        | 1.6                                                  | 2.3        | 1.1        |     |
| Kyivska                                        | 1.6                                            | 2.0        | 1.3        | 1.0                                              | 1.5        | 0.7        | 1.6                                                  | 2.2        | 1.1        | 1.2                                            | 1.5        | 0.9        | 0.7                                              | 1.0        | 0.5        | 1.1                                                  | 1.6        | 0.8        |     |
| Kirovogradsk                                   | 1.3                                            | 1.6        | 1.1        | 0.8                                              | 1.1        | 0.5        | 1.1                                                  | 1.5        | 0.8        | 0.9                                            | 1.1        | 0.8        | 0.5                                              | 0.8        | 0.2        | 0.8                                                  | 1.2        | 0.5        |     |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |     |
| Lvivska                                        | 2.9                                            | 3.4        | 2.4        | 1.9                                              | 2.4        | 1.5        | 2.9                                                  | 3.7        | 2.4        | 2.2                                            | 2.3        | 2.1        | 1.3                                              | 1.5        | 1.2        | 2.2                                                  | 2.5        | 2.0        |     |
| Mykolajivska                                   | 3.1                                            | 3.3        | 2.9        | 1.8                                              | 2.4        | 1.5        | 2.9                                                  | 3.8        | 2.4        | 1.4                                            | 1.7        | 1.1        | 0.8                                              | 1.1        | 0.6        | 1.3                                                  | 1.8        | 1.0        |     |
| Odesska                                        | 1.3                                            | 1.4        | 1.3        | 0.9                                              | 1.2        | 0.7        | 1.3                                                  | 1.7        | 1.1        | 0.7                                            | 0.6        | 0.7        | 0.5                                              | 0.5        | 0.4        | 0.7                                                  | 0.7        | 0.6        |     |
| Poltavsk                                       | 1.2                                            | 1.7        | 0.8        | 0.7                                              | 1.1        | 0.6        | 1.0                                                  | 1.6        | 0.7        | 1.2                                            | 1.4        | 1.2        | 0.7                                              | 0.9        | 0.6        | 1.1                                                  | 1.3        | 0.9        |     |
| Rivnenska                                      | 1.9                                            | 2.4        | 1.5        | 1.3                                              | 2.0        | 0.8        | 2.1                                                  | 3.2        | 1.3        | 1.0                                            | 0.7        | 1.3        | 0.7                                              | 0.6        | 0.8        | 1.1                                                  | 1.2        | 1.1        |     |
| Soumska                                        | 1.5                                            | 1.0        | 2.0        | 0.9                                              | 0.6        | 1.2        | 1.4                                                  | 1.0        | 1.7        | 0.9                                            | 1.2        | 0.7        | 0.5                                              | 0.7        | 0.3        | 0.7                                                  | 0.9        | 0.5        |     |
| Ternopilska                                    | 2.1                                            | 2.0        | 2.1        | 1.3                                              | 1.5        | 1.2        | 2.1                                                  | 2.2        | 2.0        | 1.0                                            | 1.4        | 0.7        | 0.7                                              | 1.1        | 0.3        | 1.1                                                  | 1.8        | 0.6        |     |
| Kharkivska                                     | 2.5                                            | 2.2        | 2.7        | 1.4                                              | 1.5        | 1.4        | 2.2                                                  | 2.4        | 2.1        | 1.5                                            | 1.8        | 1.3        | 0.9                                              | 1.2        | 0.7        | 1.3                                                  | 1.8        | 1.1        |     |
| Khersonska                                     | 2.0                                            | 1.6        | 2.3        | 1.2                                              | 1.3        | 1.2        | 1.9                                                  | 1.9        | 1.8        | 2.1                                            | 2.0        | 2.1        | 1.3                                              | 1.4        | 1.2        | 1.9                                                  | 2.2        | 1.8        |     |
| Khmelnitska                                    | 2.2                                            | 1.0        | 3.1        | 1.2                                              | 0.6        | 1.6        | 2.0                                                  | 1.1        | 2.7        | 1.3                                            | 1.0        | 1.6        | 0.7                                              | 0.7        | 0.7        | 1.2                                                  | 1.1        | 1.2        |     |
| Cherkasska                                     | 2.7                                            | 4.2        | 1.5        | 1.5                                              | 2.6        | 0.7        | 2.4                                                  | 4.4        | 1.2        | 1.2                                            | 1.2        | 1.2        | 0.7                                              | 0.7        | 0.8        | 0.6                                                  | 1.1        | 1.4        | 0.9 |
| Chernivetska                                   | 1.4                                            | 0.5        | 2.3        | 1.0                                              | 0.4        | 1.3        | 1.7                                                  | 0.7        | 2.3        | 1.6                                            | 1.4        | 1.7        | 0.9                                              | 1.0        | 0.9        | 1.7                                                  | 1.9        | 1.5        |     |
| Chernigivska                                   | 2.4                                            | 2.5        | 2.3        | 1.3                                              | 1.6        | 1.2        | 2.1                                                  | 2.8        | 1.8        | 1.6                                            | 1.5        | 1.7        | 0.8                                              | 1.0        | 0.7        | 1.4                                                  | 1.6        | 1.3        |     |
| Kyiv city                                      | 2.5                                            | 2.6        | 2.4        | 1.5                                              | 1.9        | 1.3        | 2.5                                                  | 2.9        | 2.2        | 1.3                                            | 1.0        | 1.5        | 0.8                                              | 0.7        | 0.9        | 1.3                                                  | 1.3        | 1.4        |     |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |            |            |                                                |            |            |                                                  |            |            |                                                      |            |            |     |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |    | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲  | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |    | <b>2.0</b>                                        | <b>1.9</b> | <b>2.0</b> |                                                     |    |    | <b>1.3</b>                                        | <b>1.3</b> | <b>1.4</b> |
| AR Krym                                          |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 38                                                | 19 | 19 | 2.4                                               | 2.6        | 2.2        | 24                                                  | 11 | 13 | 1.5                                               | 1.5        | 1.5        |
| Volynska                                         | 23                                                | 12 | 11 | 2.2                                               | 2.5        | 2.0        | 11                                                  | 3  | 8  | 1.1                                               | 0.6        | 1.5        |
| Dnipropetrovska                                  | 58                                                | 26 | 32 | 1.8                                               | 1.7        | 1.8        | 42                                                  | 27 | 15 | 1.3                                               | 1.8        | 0.8        |
| Donetska                                         |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 30                                                | 11 | 19 | 2.4                                               | 1.9        | 2.8        | 23                                                  | 10 | 13 | 1.8                                               | 1.7        | 1.9        |
| Zakarpatska                                      | 19                                                | 6  | 13 | 1.5                                               | 1.0        | 2.0        | 19                                                  | 9  | 10 | 1.5                                               | 1.5        | 1.5        |
| Zaporizzka                                       | 28                                                | 9  | 19 | 1.6                                               | 1.1        | 2.0        | 16                                                  | 6  | 10 | 0.9                                               | 0.7        | 1.0        |
| Ivano-Frankivska                                 | 29                                                | 10 | 19 | 2.1                                               | 1.5        | 2.6        | 24                                                  | 8  | 16 | 1.7                                               | 1.2        | 2.2        |
| Kyivska                                          | 34                                                | 19 | 15 | 2.0                                               | 2.4        | 1.6        | 19                                                  | 9  | 10 | 1.1                                               | 1.1        | 1.1        |
| Kirovogradksa                                    | 11                                                | 5  | 6  | 1.1                                               | 1.1        | 1.1        | 8                                                   | 4  | 4  | 0.8                                               | 0.9        | 0.8        |
| Louganska                                        |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 67                                                | 35 | 32 | 2.7                                               | 2.9        | 2.4        | 37                                                  | 15 | 22 | 1.5                                               | 1.3        | 1.7        |
| Mykolajivska                                     | 20                                                | 11 | 9  | 1.7                                               | 2.0        | 1.4        | 10                                                  | 4  | 6  | 0.9                                               | 0.7        | 1.0        |
| Odesska                                          | 29                                                | 14 | 15 | 1.2                                               | 1.3        | 1.2        | 14                                                  | 6  | 8  | 0.6                                               | 0.5        | 0.6        |
| Poltavska                                        | 18                                                | 9  | 9  | 1.3                                               | 1.4        | 1.2        | 21                                                  | 9  | 12 | 1.5                                               | 1.4        | 1.5        |
| Rivnenska                                        | 18                                                | 9  | 9  | 1.6                                               | 1.6        | 1.5        | 13                                                  | 7  | 6  | 1.1                                               | 1.3        | 1.0        |
| Soumska                                          | 13                                                | 8  | 5  | 1.2                                               | 1.6        | 0.8        | 13                                                  | 7  | 6  | 1.2                                               | 1.4        | 1.0        |
| Ternopilska                                      | 25                                                | 12 | 13 | 2.3                                               | 2.4        | 2.3        | 18                                                  | 10 | 8  | 1.7                                               | 2.0        | 1.4        |
| Kharkivska                                       | 64                                                | 24 | 40 | 2.4                                               | 1.9        | 2.7        | 42                                                  | 16 | 26 | 1.6                                               | 1.3        | 1.8        |
| Khersonska                                       | 19                                                | 11 | 8  | 1.8                                               | 2.2        | 1.4        | 17                                                  | 8  | 9  | 1.6                                               | 1.6        | 1.6        |
| Khmelnitska                                      | 27                                                | 14 | 13 | 2.1                                               | 2.3        | 1.9        | 25                                                  | 14 | 11 | 1.9                                               | 2.3        | 1.6        |
| Cherkasska                                       | 31                                                | 11 | 20 | 2.5                                               | 1.9        | 3.0        | 19                                                  | 8  | 11 | 1.5                                               | 1.4        | 1.6        |
| Chernivetska                                     | 17                                                | 6  | 11 | 1.9                                               | 1.4        | 2.3        | 6                                                   | 0  | 6  | 0.7                                               | 0.0        | 1.3        |
| Chernigivska                                     | 13                                                | 8  | 5  | 1.2                                               | 1.7        | 0.9        | 17                                                  | 9  | 8  | 1.6                                               | 1.9        | 1.4        |
| Kyiv city                                        | 78                                                | 34 | 44 | 2.7                                               | 2.6        | 2.9        | 47                                                  | 23 | 24 | 1.7                                               | 1.8        | 1.6        |
| Sevastopol city                                  |                                                   |    |    |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases,<br>% |     |    |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |            |            |
|-----------------------------|---------------------------------------|-----|----|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|------------|------------|
|                             | I-II                                  | III | IV | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂          | ▲          |
| <b>Ukraine</b>              |                                       |     |    |                   | <b>31.3</b>                                                   | <b>2</b>                                         | <b>77.8</b>                            | <b>98.3</b>                            | <b>8.6</b>                                           | <b>7.6</b>                            | <b>7.3</b> | <b>8.0</b> |
| AR Krym                     |                                       |     |    |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |
| Vinnytska                   |                                       |     |    |                   | 44.1                                                          | 0                                                | 97.1                                   | 100.0                                  | 0.0                                                  | 6.9                                   | 6.8        | 7.1        |
| Volynska                    |                                       |     |    |                   | 33.3                                                          | 0                                                | 85.0                                   | 95.7                                   | 30.0                                                 | 7.8                                   | 7.8        | 7.8        |
| Dnipropetrovska             |                                       |     |    |                   | 30.2                                                          | 0                                                | 82.5                                   | 100.0                                  | 10.5                                                 | 6.2                                   | 6.5        | 6.0        |
| Donetska                    |                                       |     |    |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |
| Zhytomyrska                 |                                       |     |    |                   | 30.4                                                          | 0                                                | 61.5                                   | 100.0                                  | 3.8                                                  | 6.6                                   | 5.8        | 7.3        |
| Zakarpatska                 |                                       |     |    |                   | 34.5                                                          | 0                                                | 82.4                                   | 100.0                                  | 0.0                                                  | 5.7                                   | 5.6        | 5.8        |
| Zaporizzka                  |                                       |     |    |                   | 37.0                                                          | 2                                                | 50.0                                   | 96.4                                   | 0.0                                                  | 5.8                                   | 4.5        | 6.9        |
| Ivano-Frankivska            |                                       |     |    |                   | 40.0                                                          | 0                                                | 82.8                                   | 96.6                                   | 6.9                                                  | 7.5                                   | 5.1        | 9.6        |
| Kyivska                     |                                       |     |    |                   | 16.0                                                          | 0                                                | 90.6                                   | 100.0                                  | 3.1                                                  | 8.9                                   | 9.3        | 8.5        |
| Kirovogradksa               |                                       |     |    |                   | 23.1                                                          | 0                                                | 60.0                                   | 100.0                                  | 30.0                                                 | 4.9                                   | 4.7        | 5.1        |
| Louganska                   |                                       |     |    |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |
| Lvivska                     |                                       |     |    |                   | 42.0                                                          | 0                                                | 81.3                                   | 94.0                                   | 3.1                                                  | 12.5                                  | 12.4       | 12.5       |
| Mykolajivska                |                                       |     |    |                   | 34.3                                                          | 0                                                | 70.0                                   | 100.0                                  | 20.0                                                 | 7.0                                   | 7.3        | 6.7        |
| Odesska                     |                                       |     |    |                   | 9.7                                                           | 0                                                | 85.7                                   | 100.0                                  | 0.0                                                  | 8.1                                   | 6.4        | 9.5        |
| Poltavska                   |                                       |     |    |                   | 25.0                                                          | 0                                                | 64.7                                   | 94.4                                   | 0.0                                                  | 5.6                                   | 6.3        | 4.9        |
| Rivnenska                   |                                       |     |    |                   | 28.6                                                          | 0                                                | 83.3                                   | 100.0                                  | 0.0                                                  | 6.4                                   | 6.0        | 6.7        |
| Soumska                     |                                       |     |    |                   | 43.8                                                          | 0                                                | 75.0                                   | 100.0                                  | 0.0                                                  | 5.5                                   | 5.3        | 5.8        |
| Ternopilska                 |                                       |     |    |                   | 23.8                                                          | 0                                                | 87.5                                   | 92.0                                   | 4.2                                                  | 6.9                                   | 6.6        | 7.2        |
| Kharkivska                  |                                       |     |    |                   | 30.2                                                          | 0                                                | 76.7                                   | 100.0                                  | 10.0                                                 | 9.7                                   | 8.9        | 10.4       |
| Khersonska                  |                                       |     |    |                   | 61.9                                                          | 0                                                | 66.7                                   | 100.0                                  | 0.0                                                  | 3.8                                   | 3.4        | 4.2        |
| Khmelnitska                 |                                       |     |    |                   | 29.6                                                          | 0                                                | 74.1                                   | 100.0                                  | 0.0                                                  | 8.1                                   | 6.2        | 9.8        |
| Cherkasska                  |                                       |     |    |                   | 12.5                                                          | 0                                                | 93.1                                   | 100.0                                  | 10.3                                                 | 8.8                                   | 8.4        | 9.2        |
| Chernivetska                |                                       |     |    |                   | 15.4                                                          | 0                                                | 58.8                                   | 88.2                                   | 17.6                                                 | 7.2                                   | 5.9        | 8.3        |
| Chernigivska                |                                       |     |    |                   | 52.0                                                          | 0                                                | 75.0                                   | 100.0                                  | 0.0                                                  | 5.0                                   | 4.4        | 5.4        |
| Kyiv city                   |                                       |     |    |                   | 22.1                                                          | 0                                                | 71.1                                   | 100.0                                  | 26.3                                                 | 10.5                                  | 11.6       | 9.7        |
| Sevastopol city             |                                       |     |    |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |            |            |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |       |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|-------|
| Incidence: number of new cases*                                           |                                         |  | 3067 | 1636 | 1431  |
| Incidence (crude rate)                                                    |                                         |  | 8.4  | 9.7  | 7.4   |
| Incidence (age-standardized, world standard)                              |                                         |  | 6.3  | 8.0  | 5.1   |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 8.0  | 10.6 | 6.4   |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |       |
| Mortality: number of new cases*                                           |                                         |  | 1806 | 912  | 894   |
| Mortality (crude rate)                                                    |                                         |  | 5.0  | 5.4  | 4.6   |
| Mortality (age-standardized, world standard)                              |                                         |  | 3.2  | 4.0  | 2.7   |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 4.7  | 6.1  | 3.9   |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 36.6 | 34.7 | 38.6  |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 1.5  | 1.1  | 2.0   |
| Microscopically verified diagnoses, %                                     |                                         |  | 99.9 | 99.9 | 100.0 |
| Diagnoses verified with histology, %                                      |                                         |  | 52.5 | 52.0 | 53.0  |
| Not specified morphology, %                                               |                                         |  | 0.0  | 0.0  | 0.0   |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 9.0  | 9.2  | 8.7   |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 67.0 | 67.7 | 66.2  |
| - surgical treatment only, %                                              |                                         |  | 0.3  | 0.2  | 0.4   |
| - combined or complex scheme of treatment, %                              |                                         |  | 0.5  | 0.3  | 0.7   |
| Incidence of children population<br>(age 0-17 years):                     | cases*                                  |  | 303  | 181  | 122   |
|                                                                           | rate per 100 000 of children population |  | 4.5  | 5.3  | 3.8   |
| Mortality of children population<br>(age 0-17 years):                     | cases*                                  |  | 70   | 41   | 29    |
|                                                                           | rate per 100 000 of children population |  | 1.0  | 1.2  | 0.9   |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |            |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |            |            |  |
|------------------------------------------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|------------|------------|--|
|                                                |                                                |            |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| <b>Ukraine</b>                                 | <b>8.4</b>                                     | <b>9.7</b> | <b>7.4</b> | <b>6.3</b>                                       | <b>8.0</b> | <b>5.1</b> | <b>8.0</b>                                           | <b>10.6</b> | <b>6.4</b> | <b>5.0</b>                                     | <b>5.4</b> | <b>4.6</b> | <b>3.2</b>                                       | <b>4.0</b> | <b>2.7</b> | <b>4.7</b>                                           | <b>6.1</b> | <b>3.9</b> |  |
| AR Krym                                        |                                                |            |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Vinnytska                                      | 11.4                                           | 12.9       | 10.0       | 7.3                                              | 9.5        | 5.7        | 10.4                                                 | 13.9        | 8.2        | 6.0                                            | 6.2        | 5.9        | 4.0                                              | 4.7        | 3.4        | 5.6                                                  | 6.9        | 4.8        |  |
| Volynska                                       | 7.8                                            | 9.0        | 6.7        | 5.9                                              | 8.0        | 4.1        | 8.1                                                  | 10.7        | 6.4        | 4.2                                            | 5.1        | 3.5        | 2.9                                              | 4.1        | 2.2        | 4.6                                                  | 6.7        | 3.4        |  |
| Dnipropetrovska                                | 9.9                                            | 11.1       | 8.9        | 7.7                                              | 9.5        | 6.3        | 9.1                                                  | 11.5        | 7.4        | 5.8                                            | 6.1        | 5.6        | 3.8                                              | 4.6        | 3.3        | 5.2                                                  | 6.3        | 4.5        |  |
| Donetska                                       |                                                |            |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Zhytomyrska                                    | 8.7                                            | 9.7        | 7.8        | 6.5                                              | 8.1        | 5.3        | 8.3                                                  | 10.9        | 6.9        | 4.2                                            | 5.1        | 3.4        | 2.7                                              | 4.0        | 1.6        | 4.1                                                  | 6.1        | 2.8        |  |
| Zakarpatska                                    | 5.9                                            | 8.1        | 3.8        | 4.9                                              | 7.4        | 2.9        | 6.5                                                  | 10.1        | 3.9        | 3.3                                            | 3.2        | 3.4        | 2.6                                              | 2.8        | 2.4        | 3.4                                                  | 3.5        | 3.3        |  |
| Zaporizzka                                     | 6.4                                            | 6.9        | 6.0        | 5.0                                              | 5.9        | 4.3        | 5.9                                                  | 7.2         | 4.9        | 3.9                                            | 3.3        | 4.5        | 2.5                                              | 2.4        | 2.8        | 3.6                                                  | 3.9        | 3.5        |  |
| Ivano-Frankivska                               | 5.7                                            | 6.5        | 5.1        | 4.5                                              | 5.4        | 4.0        | 6.2                                                  | 8.0         | 5.0        | 3.3                                            | 2.8        | 3.7        | 2.2                                              | 2.1        | 2.3        | 3.5                                                  | 3.7        | 3.4        |  |
| Kyivska                                        | 8.3                                            | 10.2       | 6.7        | 6.4                                              | 9.0        | 4.5        | 7.8                                                  | 11.2        | 5.5        | 4.4                                            | 5.0        | 3.9        | 2.6                                              | 3.5        | 2.0        | 4.1                                                  | 5.7        | 3.2        |  |
| Kirovogradksa                                  | 8.8                                            | 7.6        | 9.8        | 6.4                                              | 6.7        | 6.0        | 7.7                                                  | 7.4         | 7.9        | 5.0                                            | 3.8        | 6.0        | 3.3                                              | 3.0        | 3.4        | 4.6                                                  | 4.0        | 5.0        |  |
| Louganska                                      |                                                |            |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |
| Lvivska                                        | 8.9                                            | 10.6       | 7.3        | 7.1                                              | 9.1        | 5.6        | 8.9                                                  | 11.9        | 6.9        | 4.6                                            | 5.7        | 3.7        | 3.0                                              | 4.3        | 2.0        | 4.8                                                  | 6.8        | 3.4        |  |
| Mykolajivska                                   | 8.9                                            | 11.1       | 7.0        | 6.8                                              | 9.4        | 4.9        | 8.6                                                  | 12.1        | 6.3        | 4.4                                            | 6.3        | 2.7        | 3.3                                              | 5.0        | 2.1        | 4.2                                                  | 6.9        | 2.6        |  |
| Odesska                                        | 4.8                                            | 5.0        | 4.6        | 3.6                                              | 3.9        | 3.6        | 4.5                                                  | 5.4         | 4.1        | 3.4                                            | 3.7        | 3.2        | 2.5                                              | 2.9        | 2.4        | 3.3                                                  | 4.3        | 2.9        |  |
| Poltavsk                                       | 6.3                                            | 7.4        | 5.5        | 5.4                                              | 7.2        | 3.8        | 5.8                                                  | 7.5         | 4.5        | 4.4                                            | 5.0        | 4.0        | 2.9                                              | 3.6        | 2.4        | 4.1                                                  | 5.4        | 3.3        |  |
| Rivnenska                                      | 8.4                                            | 8.7        | 8.1        | 6.5                                              | 8.1        | 5.3        | 9.0                                                  | 11.3        | 7.4        | 5.3                                            | 5.3        | 5.3        | 3.8                                              | 4.6        | 3.4        | 5.9                                                  | 7.7        | 4.9        |  |
| Soumska                                        | 9.6                                            | 11.6       | 8.0        | 7.7                                              | 10.4       | 5.4        | 8.9                                                  | 11.7        | 6.8        | 5.8                                            | 6.8        | 5.1        | 3.4                                              | 4.2        | 3.0        | 4.9                                                  | 6.9        | 3.9        |  |
| Ternopilska                                    | 7.1                                            | 8.0        | 6.3        | 5.6                                              | 6.6        | 4.9        | 6.9                                                  | 8.7         | 5.8        | 5.4                                            | 4.8        | 6.0        | 4.0                                              | 3.9        | 4.1        | 5.3                                                  | 5.0        | 5.3        |  |
| Kharkivska                                     | 9.6                                            | 10.8       | 8.5        | 6.6                                              | 8.2        | 5.5        | 8.8                                                  | 11.8        | 7.1        | 6.0                                            | 7.3        | 4.8        | 3.8                                              | 5.4        | 2.8        | 5.6                                                  | 8.1        | 4.1        |  |
| Khersonska                                     | 8.7                                            | 9.1        | 8.4        | 7.1                                              | 7.8        | 6.5        | 8.1                                                  | 9.4         | 7.1        | 6.8                                            | 7.9        | 5.9        | 4.8                                              | 5.9        | 4.0        | 6.4                                                  | 8.2        | 5.0        |  |
| Khmelnitska                                    | 9.6                                            | 10.3       | 9.0        | 6.6                                              | 7.5        | 6.2        | 8.9                                                  | 11.0        | 7.6        | 6.9                                            | 7.0        | 6.9        | 3.9                                              | 4.6        | 3.5        | 6.0                                                  | 7.3        | 5.1        |  |
| Cherkasska                                     | 12.4                                           | 14.3       | 10.9       | 8.4                                              | 10.2       | 7.4        | 10.9                                                 | 14.3        | 8.9        | 5.8                                            | 6.3        | 5.4        | 2.9                                              | 3.6        | 2.5        | 4.8                                                  | 6.1        | 4.1        |  |
| Chernivetska                                   | 6.9                                            | 7.5        | 6.3        | 5.3                                              | 6.2        | 5.0        | 7.3                                                  | 9.4         | 6.3        | 4.2                                            | 4.2        | 4.2        | 2.5                                              | 3.0        | 2.1        | 4.2                                                  | 4.8        | 3.7        |  |
| Chernigivska                                   | 9.9                                            | 12.7       | 7.6        | 6.7                                              | 10.2       | 3.9        | 8.4                                                  | 12.7        | 5.5        | 5.5                                            | 6.5        | 4.7        | 3.0                                              | 4.1        | 2.2        | 4.4                                                  | 6.4        | 3.2        |  |
| Kyiv city                                      | 9.0                                            | 11.7       | 6.7        | 6.8                                              | 9.6        | 4.8        | 9.1                                                  | 13.8        | 6.0        | 5.2                                            | 5.8        | 4.6        | 3.2                                              | 4.1        | 2.6        | 5.1                                                  | 6.9        | 4.2        |  |
| Sevastopol city                                |                                                |            |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |            |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |            |            | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|------------|------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂          | ▲          | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>7.9</b>                                        | <b>9.2</b> | <b>6.8</b> |                                                     |    |    | <b>4.7</b>                                        | <b>5.5</b> | <b>4.0</b> |
| AR Krym                                          |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 205                                               | 120 | 85  | 12.8                                              | 16.2       | 9.8        | 104                                                 | 62 | 42 | 6.5                                               | 8.4        | 4.9        |
| Volynska                                         | 93                                                | 46  | 47  | 8.9                                               | 9.4        | 8.6        | 48                                                  | 26 | 22 | 4.6                                               | 5.3        | 4.0        |
| Dnipropetrovska                                  | 263                                               | 138 | 125 | 8.0                                               | 9.2        | 7.0        | 154                                                 | 79 | 75 | 4.7                                               | 5.3        | 4.2        |
| Donetska                                         |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 109                                               | 56  | 53  | 8.7                                               | 9.6        | 7.9        | 53                                                  | 28 | 25 | 4.2                                               | 4.8        | 3.7        |
| Zakarpatska                                      | 87                                                | 52  | 35  | 6.9                                               | 8.6        | 5.4        | 61                                                  | 34 | 27 | 4.9                                               | 5.6        | 4.1        |
| Zaporizzka                                       | 94                                                | 52  | 42  | 5.3                                               | 6.5        | 4.4        | 67                                                  | 32 | 35 | 3.8                                               | 4.0        | 3.7        |
| Ivano-Frankivska                                 | 93                                                | 52  | 41  | 6.7                                               | 8.0        | 5.6        | 65                                                  | 43 | 22 | 4.7                                               | 6.6        | 3.0        |
| Kyivska                                          | 122                                               | 54  | 68  | 7.1                                               | 6.8        | 7.3        | 71                                                  | 37 | 34 | 4.1                                               | 4.6        | 3.7        |
| Kirovogradksa                                    | 76                                                | 52  | 24  | 7.8                                               | 11.6       | 4.6        | 49                                                  | 29 | 20 | 5.0                                               | 6.5        | 3.8        |
| Louganska                                        |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 187                                               | 100 | 87  | 7.4                                               | 8.4        | 6.6        | 115                                                 | 64 | 51 | 4.6                                               | 5.4        | 3.9        |
| Mykolajivska                                     | 102                                               | 56  | 46  | 8.8                                               | 10.4       | 7.4        | 56                                                  | 28 | 28 | 4.8                                               | 5.2        | 4.5        |
| Odesska                                          | 78                                                | 38  | 40  | 3.3                                               | 3.4        | 3.2        | 48                                                  | 27 | 21 | 2.0                                               | 2.4        | 1.7        |
| Poltavska                                        | 99                                                | 48  | 51  | 6.9                                               | 7.2        | 6.6        | 79                                                  | 37 | 42 | 5.5                                               | 5.6        | 5.4        |
| Rivnenska                                        | 67                                                | 47  | 20  | 5.8                                               | 8.5        | 3.3        | 40                                                  | 24 | 16 | 3.5                                               | 4.4        | 2.6        |
| Soumska                                          | 99                                                | 61  | 38  | 8.8                                               | 11.9       | 6.3        | 55                                                  | 30 | 25 | 4.9                                               | 5.9        | 4.1        |
| Ternopilska                                      | 71                                                | 35  | 36  | 6.7                                               | 7.0        | 6.3        | 60                                                  | 32 | 28 | 5.6                                               | 6.4        | 4.9        |
| Kharkivska                                       | 222                                               | 98  | 124 | 8.2                                               | 7.8        | 8.5        | 125                                                 | 63 | 62 | 4.6                                               | 5.0        | 4.3        |
| Khersonska                                       | 68                                                | 34  | 34  | 6.4                                               | 6.9        | 5.9        | 51                                                  | 25 | 26 | 4.8                                               | 5.1        | 4.5        |
| Khmelnitska                                      | 175                                               | 107 | 68  | 13.5                                              | 17.8       | 9.8        | 80                                                  | 43 | 37 | 6.2                                               | 7.2        | 5.3        |
| Cherkasska                                       | 150                                               | 83  | 67  | 12.0                                              | 14.5       | 9.9        | 64                                                  | 34 | 30 | 5.1                                               | 6.0        | 4.4        |
| Chernivetska                                     | 57                                                | 29  | 28  | 6.3                                               | 6.8        | 5.8        | 35                                                  | 17 | 18 | 3.9                                               | 4.0        | 3.7        |
| Chernigivska                                     | 112                                               | 61  | 51  | 10.7                                              | 12.8       | 8.9        | 66                                                  | 34 | 32 | 6.3                                               | 7.2        | 5.6        |
| Kyiv city                                        | 227                                               | 126 | 101 | 8.0                                               | 9.6        | 6.6        | 148                                                 | 91 | 57 | 5.2                                               | 6.9        | 3.7        |
| Sevastopol city                                  |                                                   |     |     |                                                   |            |            |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Form distribution of new cases<br>2014, % |               |             |                  | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|-------------------------------------------|---------------|-------------|------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | Acute                                     | Sub-<br>acute | Chronic     | Un-<br>specified |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>41.1</b>                               | <b>0.4</b>    | <b>49.3</b> | <b>9.2</b>       | <b>36.6</b>                                                   | <b>44</b>                                        | <b>67.9</b>                            | <b>100.0</b>                           | <b>8.9</b>                                           | <b>49.0</b>                           | <b>54.2</b> | <b>44.6</b> |
| AR Krym                     |                                           |               |             |                  |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 40.3                                      | 0.5           | 51.5        | 7.7              | 32.1                                                          | 3                                                | 91.8                                   | 100.0                                  | 0.5                                                  | 59.9                                  | 65.2        | 55.3        |
| Volynska                    | 55.3                                      | 0.0           | 36.5        | 8.2              | 25.3                                                          | 1                                                | 65.9                                   | 100.0                                  | 34.1                                                 | 51.1                                  | 56.3        | 46.4        |
| Dnipropetrovska             | 42.7                                      | 0.8           | 50.0        | 6.5              | 38.9                                                          | 1                                                | 69.0                                   | 100.0                                  | 11.7                                                 | 49.2                                  | 56.3        | 43.1        |
| Donetska                    |                                           |               |             |                  |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 27.3                                      | 0.0           | 60.6        | 12.1             | 29.8                                                          | 0                                                | 44.4                                   | 100.0                                  | 7.1                                                  | 53.4                                  | 55.7        | 51.4        |
| Zakarpatska                 | 48.8                                      | 0.0           | 46.4        | 4.8              | 26.8                                                          | 1                                                | 60.7                                   | 100.0                                  | 0.0                                                  | 34.3                                  | 39.1        | 29.8        |
| Zaporizzka                  | 49.4                                      | 0.0           | 43.4        | 7.2              | 31.8                                                          | 6                                                | 19.3                                   | 100.0                                  | 8.4                                                  | 38.1                                  | 42.9        | 34.1        |
| Ivano-Frankivska            | 45.1                                      | 0.0           | 49.5        | 5.5              | 31.5                                                          | 0                                                | 83.5                                   | 100.0                                  | 1.1                                                  | 33.5                                  | 37.0        | 30.4        |
| Kyivska                     | 51.7                                      | 0.0           | 36.4        | 11.9             | 34.1                                                          | 0                                                | 80.5                                   | 100.0                                  | 8.5                                                  | 60.1                                  | 62.2        | 58.2        |
| Kirovogradksa               | 38.2                                      | 0.0           | 55.9        | 5.9              | 37.8                                                          | 4                                                | 69.1                                   | 100.0                                  | 16.2                                                 | 46.4                                  | 53.2        | 40.6        |
| Louganska                   |                                           |               |             |                  |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 42.0                                      | 0.0           | 45.4        | 12.6             | 38.2                                                          | 1                                                | 81.0                                   | 100.0                                  | 1.7                                                  | 41.5                                  | 45.5        | 37.9        |
| Mykolajivska                | 30.3                                      | 5.6           | 57.3        | 6.7              | 41.7                                                          | 3                                                | 38.2                                   | 100.0                                  | 15.7                                                 | 49.5                                  | 52.8        | 46.7        |
| Odesska                     | 34.2                                      | 1.4           | 27.4        | 37.0             | 32.7                                                          | 4                                                | 72.6                                   | 98.7                                   | 0.0                                                  | 40.8                                  | 41.9        | 39.9        |
| Poltavska                   | 42.9                                      | 0.0           | 45.1        | 12.1             | 36.7                                                          | 0                                                | 47.3                                   | 100.0                                  | 14.3                                                 | 40.1                                  | 46.0        | 35.1        |
| Rivnenska                   | 44.8                                      | 0.0           | 49.3        | 6.0              | 44.6                                                          | 0                                                | 82.1                                   | 100.0                                  | 4.5                                                  | 38.0                                  | 44.2        | 32.5        |
| Soumska                     | 43.5                                      | 0.0           | 51.1        | 5.4              | 33.3                                                          | 0                                                | 80.4                                   | 100.0                                  | 0.0                                                  | 57.6                                  | 66.5        | 50.1        |
| Ternopilska                 | 40.9                                      | 0.0           | 53.0        | 6.1              | 43.1                                                          | 6                                                | 90.9                                   | 100.0                                  | 16.7                                                 | 40.6                                  | 46.8        | 35.2        |
| Kharkivska                  | 37.6                                      | 0.5           | 58.9        | 3.0              | 46.3                                                          | 0                                                | 43.3                                   | 100.0                                  | 4.5                                                  | 58.1                                  | 58.1        | 58.0        |
| Khersonska                  | 54.8                                      | 0.0           | 40.3        | 4.8              | 36.7                                                          | 0                                                | 67.7                                   | 100.0                                  | 3.2                                                  | 41.0                                  | 43.1        | 39.1        |
| Khmelnitska                 | 28.6                                      | 0.0           | 61.5        | 9.9              | 40.3                                                          | 2                                                | 72.7                                   | 100.0                                  | 2.5                                                  | 65.9                                  | 78.9        | 54.7        |
| Cherkasska                  | 33.3                                      | 0.0           | 48.6        | 18.1             | 30.8                                                          | 5                                                | 73.9                                   | 100.0                                  | 10.1                                                 | 81.4                                  | 91.6        | 72.8        |
| Chernivetska                | 54.7                                      | 0.0           | 35.8        | 9.4              | 30.0                                                          | 5                                                | 37.7                                   | 100.0                                  | 5.7                                                  | 44.8                                  | 53.7        | 36.8        |
| Chernigivska                | 38.6                                      | 0.0           | 58.4        | 3.0              | 33.7                                                          | 0                                                | 90.1                                   | 100.0                                  | 2.0                                                  | 52.7                                  | 60.4        | 46.3        |
| Kyiv city                   | 42.5                                      | 0.5           | 45.0        | 12.0             | 39.7                                                          | 2                                                | 69.0                                   | 100.0                                  | 30.5                                                 | 49.9                                  | 57.5        | 43.3        |
| Sevastopol city             |                                           |               |             |                  |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 1 - General rates, 2014</b>                                      |                                         |  |      |      |      |
|---------------------------------------------------------------------------|-----------------------------------------|--|------|------|------|
| Incidence: number of new cases*                                           |                                         |  | 3543 | 2041 | 1502 |
| Incidence (crude rate)                                                    |                                         |  | 9.8  | 12.1 | 7.7  |
| Incidence (age-standardized, world standard)                              |                                         |  | 5.5  | 8.2  | 3.7  |
| Incidence (age-standardized, Ukrainian standard)                          |                                         |  | 9.0  | 13.6 | 6.2  |
| Change of incidence rate 2014 compared to 2013, %<br>(Ukrainian standard) |                                         |  |      |      |      |
| Mortality: number of new cases*                                           |                                         |  | 2548 | 1538 | 1010 |
| Mortality (crude rate)                                                    |                                         |  | 7.0  | 9.1  | 5.2  |
| Mortality (age-standardized, world standard)                              |                                         |  | 3.9  | 6.2  | 2.4  |
| Mortality (age-standardized, Ukrainian standard)                          |                                         |  | 6.5  | 10.2 | 4.1  |
| Lived less than 1 year since the diagnosis in 2014, %                     |                                         |  | 67.8 | 70.7 | 63.9 |
| From among the newly diagnosed – diagnosed post mortem, %                 |                                         |  | 0.8  | 0.7  | 0.9  |
| Microscopically verified diagnoses, %                                     |                                         |  | 36.4 | 35.3 | 38.0 |
| Diagnoses verified with histology, %                                      |                                         |  | 27.6 | 26.1 | 29.6 |
| Not specified morphology, %                                               |                                         |  | 30.1 | 29.6 | 30.8 |
| Patients diagnosed during the preventive medical examinations, %          |                                         |  | 1.8  | 2.0  | 1.5  |
| Newly diagnosed patients received the special treatment, %                |                                         |  | 23.5 | 23.7 | 23.3 |
| - surgical treatment only, %                                              |                                         |  | 4.5  | 4.1  | 4.9  |
| - combined or complex scheme of treatment, %                              |                                         |  | 4.3  | 4.3  | 4.2  |
| Incidence of children population (age 0-17 years):                        | cases*                                  |  | 2    | 0    | 2    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |
| Mortality of children population (age 0-17 years):                        | cases*                                  |  | 2    | 0    | 2    |
|                                                                           | rate per 100 000 of children population |  | 0.0  | 0.0  | 0.0  |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| <b>Table 2 - Incidence and mortality, 2014</b> | Crude incidence rate per 100 000 of population |             |            | Age-standardized incidence rate (world standard) |            |            | Age-standardized incidence rate (Ukrainian standard) |             |            | Crude mortality rate per 100 000 of population |            |            | Age-standardized mortality rate (world standard) |            |            | Age-standardized mortality rate (Ukrainian standard) |             |            |  |
|------------------------------------------------|------------------------------------------------|-------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|------------------------------------------------|------------|------------|--------------------------------------------------|------------|------------|------------------------------------------------------|-------------|------------|--|
|                                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |             |            |  |
| <b>Ukraine</b>                                 | <b>9.8</b>                                     | <b>12.1</b> | <b>7.7</b> | <b>5.5</b>                                       | <b>8.2</b> | <b>3.7</b> | <b>9.0</b>                                           | <b>13.6</b> | <b>6.2</b> | <b>7.0</b>                                     | <b>9.1</b> | <b>5.2</b> | <b>3.9</b>                                       | <b>6.2</b> | <b>2.4</b> | <b>6.5</b>                                           | <b>10.2</b> | <b>4.1</b> |  |
| AR Krym                                        |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |             |            |  |
| Vinnytska                                      | 10.1                                           | 13.3        | 7.4        | 5.8                                              | 8.7        | 3.9        | 9.2                                                  | 14.2        | 6.1        | 7.5                                            | 9.3        | 6.0        | 4.2                                              | 6.2        | 2.7        | 6.8                                                  | 10.2        | 4.6        |  |
| Volynska                                       | 10.8                                           | 11.9        | 9.8        | 6.9                                              | 9.5        | 5.1        | 11.5                                                 | 15.6        | 8.6        | 6.1                                            | 7.6        | 4.7        | 4.1                                              | 6.2        | 2.5        | 6.5                                                  | 9.6         | 4.2        |  |
| Dnipropetrovska                                | 10.6                                           | 13.2        | 8.5        | 5.8                                              | 8.8        | 3.9        | 9.6                                                  | 14.7        | 6.5        | 7.6                                            | 10.1       | 5.5        | 4.1                                              | 6.7        | 2.4        | 6.8                                                  | 11.3        | 4.0        |  |
| Donetska                                       |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |             |            |  |
| Zhytomyrska                                    | 7.4                                            | 10.1        | 5.2        | 4.2                                              | 6.9        | 2.5        | 6.9                                                  | 11.4        | 4.2        | 4.9                                            | 6.7        | 3.4        | 2.8                                              | 4.4        | 1.8        | 4.6                                                  | 7.5         | 2.9        |  |
| Zakarpatska                                    | 7.8                                            | 9.3         | 6.4        | 5.4                                              | 7.4        | 3.8        | 9.0                                                  | 12.5        | 6.6        | 5.3                                            | 6.8        | 3.8        | 3.7                                              | 5.6        | 2.4        | 6.1                                                  | 9.3         | 3.8        |  |
| Zaporizzka                                     | 10.1                                           | 12.3        | 8.2        | 5.4                                              | 8.2        | 3.6        | 8.8                                                  | 13.1        | 6.1        | 7.8                                            | 10.7       | 5.4        | 4.0                                              | 6.7        | 2.2        | 6.8                                                  | 11.4        | 4.0        |  |
| Ivano-Frankivska                               | 9.8                                            | 11.7        | 8.1        | 5.6                                              | 8.2        | 3.6        | 9.8                                                  | 13.7        | 6.9        | 7.2                                            | 9.5        | 5.1        | 4.2                                              | 6.9        | 2.1        | 7.1                                                  | 11.2        | 4.1        |  |
| Kyivska                                        | 10.6                                           | 13.8        | 7.8        | 5.7                                              | 9.2        | 3.5        | 9.6                                                  | 15.5        | 6.0        | 7.7                                            | 10.4       | 5.3        | 4.1                                              | 7.0        | 2.4        | 6.8                                                  | 11.9        | 4.0        |  |
| Kirovogradksa                                  | 15.5                                           | 20.2        | 11.5       | 8.1                                              | 12.4       | 5.4        | 13.3                                                 | 20.8        | 8.8        | 10.4                                           | 15.6       | 6.0        | 5.5                                              | 9.1        | 3.1        | 8.9                                                  | 15.6        | 4.8        |  |
| Louganska                                      |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |             |            |  |
| Lvivska                                        | 10.3                                           | 12.1        | 8.7        | 6.1                                              | 8.6        | 4.2        | 10.3                                                 | 14.2        | 7.5        | 7.5                                            | 9.4        | 5.8        | 4.5                                              | 6.7        | 3.0        | 7.6                                                  | 11.3        | 5.1        |  |
| Mykolajivska                                   | 12.9                                           | 15.9        | 10.2       | 7.2                                              | 10.9       | 4.6        | 11.7                                                 | 17.0        | 8.0        | 7.5                                            | 9.8        | 5.4        | 4.3                                              | 6.7        | 2.4        | 6.6                                                  | 10.1        | 4.1        |  |
| Odesska                                        | 11.3                                           | 13.4        | 9.5        | 6.5                                              | 9.2        | 4.6        | 10.8                                                 | 15.6        | 7.8        | 8.3                                            | 9.9        | 6.8        | 4.6                                              | 6.8        | 3.2        | 7.7                                                  | 11.4        | 5.4        |  |
| Poltavská                                      | 7.9                                            | 11.1        | 5.2        | 4.3                                              | 7.3        | 2.3        | 6.8                                                  | 11.5        | 3.8        | 7.5                                            | 10.1       | 5.4        | 3.8                                              | 6.1        | 2.3        | 6.2                                                  | 10.3        | 3.8        |  |
| Rivnenska                                      | 6.9                                            | 9.1         | 4.9        | 4.8                                              | 7.5        | 3.0        | 7.9                                                  | 12.7        | 5.0        | 5.1                                            | 6.9        | 3.5        | 3.5                                              | 5.7        | 2.0        | 5.6                                                  | 9.1         | 3.2        |  |
| Soumska                                        | 8.1                                            | 8.5         | 7.7        | 4.3                                              | 5.2        | 3.7        | 6.8                                                  | 8.8         | 5.7        | 7.2                                            | 8.1        | 6.4        | 3.9                                              | 5.1        | 3.1        | 6.1                                                  | 8.2         | 4.8        |  |
| Ternopilska                                    | 7.8                                            | 9.0         | 6.7        | 4.2                                              | 6.1        | 2.8        | 7.2                                                  | 10.2        | 5.1        | 5.0                                            | 5.2        | 4.7        | 2.7                                              | 3.6        | 2.1        | 4.7                                                  | 6.0         | 3.7        |  |
| Kharkivska                                     | 10.1                                           | 12.6        | 8.1        | 5.6                                              | 8.3        | 3.9        | 9.0                                                  | 13.4        | 6.3        | 6.5                                            | 8.7        | 4.7        | 3.7                                              | 5.7        | 2.4        | 5.8                                                  | 9.0         | 3.8        |  |
| Khersonska                                     | 8.8                                            | 12.9        | 5.2        | 5.0                                              | 8.6        | 2.5        | 8.0                                                  | 14.2        | 4.1        | 6.6                                            | 10.1       | 3.7        | 3.9                                              | 6.9        | 1.7        | 6.1                                                  | 10.6        | 2.9        |  |
| Khmelnitska                                    | 13.2                                           | 17.1        | 9.9        | 7.2                                              | 11.2       | 4.3        | 12.0                                                 | 18.3        | 7.7        | 11.0                                           | 15.6       | 7.0        | 6.0                                              | 10.2       | 3.0        | 9.9                                                  | 17.1        | 5.2        |  |
| Cherkasska                                     | 7.2                                            | 9.6         | 5.3        | 3.6                                              | 5.4        | 2.5        | 6.1                                                  | 9.8         | 4.0        | 5.5                                            | 7.3        | 4.0        | 2.8                                              | 4.3        | 1.8        | 4.7                                                  | 7.5         | 3.0        |  |
| Chernivetska                                   | 10.6                                           | 13.6        | 7.9        | 6.4                                              | 10.3       | 3.9        | 10.7                                                 | 17.3        | 6.7        | 8.8                                            | 10.6       | 7.3        | 5.2                                              | 7.5        | 3.7        | 8.7                                                  | 12.9        | 6.2        |  |
| Chernigivska                                   | 11.2                                           | 16.0        | 7.3        | 5.5                                              | 9.6        | 3.0        | 9.0                                                  | 16.3        | 4.8        | 7.5                                            | 9.8        | 5.5        | 3.5                                              | 5.7        | 2.1        | 5.8                                                  | 9.8         | 3.5        |  |
| Kyiv city                                      | 6.4                                            | 6.6         | 6.2        | 3.6                                              | 4.4        | 3.1        | 6.5                                                  | 7.8         | 5.6        | 4.2                                            | 4.8        | 3.8        | 2.4                                              | 3.3        | 1.8        | 4.3                                                  | 5.6         | 3.3        |  |
| Sevastopol city                                |                                                |             |            |                                                  |            |            |                                                      |             |            |                                                |            |            |                                                  |            |            |                                                      |             |            |  |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |     |     | Crude incidence rate<br>per 100 000 of population |             |            | Number of deaths from<br>cancer registered in 2015* |     |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|-----|-----|---------------------------------------------------|-------------|------------|-----------------------------------------------------|-----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂   | ▲   | ♀                                                 | ♂           | ▲          | ♀                                                   | ♂   | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |     |     | <b>9.1</b>                                        | <b>11.2</b> | <b>7.2</b> |                                                     |     |    | <b>7.0</b>                                        | <b>8.7</b> | <b>5.4</b> |
| AR Krym                                          |                                                   |     |     |                                                   |             |            |                                                     |     |    |                                                   |            |            |
| Vinnytska                                        | 156                                               | 90  | 66  | 9.7                                               | 12.2        | 7.6        | 143                                                 | 92  | 51 | 8.9                                               | 12.4       | 5.9        |
| Volynska                                         | 109                                               | 61  | 48  | 10.5                                              | 12.4        | 8.7        | 101                                                 | 56  | 45 | 9.7                                               | 11.4       | 8.2        |
| Dnipropetrovska                                  | 384                                               | 225 | 159 | 11.7                                              | 15.0        | 9.0        | 245                                                 | 153 | 92 | 7.5                                               | 10.2       | 5.2        |
| Donetska                                         |                                                   |     |     |                                                   |             |            |                                                     |     |    |                                                   |            |            |
| Zhytomyrska                                      | 85                                                | 50  | 35  | 6.8                                               | 8.6         | 5.2        | 60                                                  | 42  | 18 | 4.8                                               | 7.2        | 2.7        |
| Zakarpatska                                      | 82                                                | 49  | 33  | 6.5                                               | 8.1         | 5.1        | 52                                                  | 28  | 24 | 4.1                                               | 4.6        | 3.7        |
| Zaporizzka                                       | 185                                               | 109 | 76  | 10.5                                              | 13.5        | 7.9        | 122                                                 | 72  | 50 | 6.9                                               | 8.9        | 5.2        |
| Ivano-Frankivska                                 | 139                                               | 78  | 61  | 10.1                                              | 12.0        | 8.4        | 115                                                 | 64  | 51 | 8.3                                               | 9.8        | 7.0        |
| Kyivska                                          | 158                                               | 90  | 68  | 9.2                                               | 11.3        | 7.3        | 118                                                 | 67  | 51 | 6.9                                               | 8.4        | 5.5        |
| Kirovogradksa                                    | 171                                               | 92  | 79  | 17.6                                              | 20.6        | 15.0       | 119                                                 | 62  | 57 | 12.2                                              | 13.9       | 10.8       |
| Louganska                                        |                                                   |     |     |                                                   |             |            |                                                     |     |    |                                                   |            |            |
| Lvivska                                          | 224                                               | 127 | 97  | 8.9                                               | 10.6        | 7.3        | 210                                                 | 122 | 88 | 8.3                                               | 10.2       | 6.6        |
| Mykolajivska                                     | 155                                               | 95  | 60  | 13.3                                              | 17.7        | 9.6        | 99                                                  | 57  | 42 | 8.5                                               | 10.6       | 6.7        |
| Odesska                                          | 196                                               | 111 | 85  | 8.2                                               | 9.9         | 6.7        | 116                                                 | 66  | 50 | 4.9                                               | 5.9        | 4.0        |
| Poltavska                                        | 143                                               | 73  | 70  | 9.9                                               | 11.0        | 9.0        | 108                                                 | 57  | 51 | 7.5                                               | 8.6        | 6.6        |
| Rivnenska                                        | 82                                                | 55  | 27  | 7.1                                               | 10.0        | 4.4        | 71                                                  | 42  | 29 | 6.1                                               | 7.6        | 4.8        |
| Soumska                                          | 98                                                | 57  | 41  | 8.7                                               | 11.1        | 6.7        | 69                                                  | 43  | 26 | 6.2                                               | 8.4        | 4.3        |
| Ternopilska                                      | 86                                                | 51  | 35  | 8.1                                               | 10.3        | 6.2        | 66                                                  | 42  | 24 | 6.2                                               | 8.4        | 4.2        |
| Kharkivska                                       | 179                                               | 89  | 90  | 6.6                                               | 7.1         | 6.2        | 155                                                 | 81  | 74 | 5.7                                               | 6.5        | 5.1        |
| Khersonska                                       | 87                                                | 53  | 34  | 8.2                                               | 10.7        | 5.9        | 85                                                  | 56  | 29 | 8.0                                               | 11.3       | 5.1        |
| Khmelnitska                                      | 171                                               | 100 | 71  | 13.2                                              | 16.6        | 10.2       | 129                                                 | 70  | 59 | 9.9                                               | 11.6       | 8.5        |
| Cherkasska                                       | 82                                                | 49  | 33  | 6.6                                               | 8.6         | 4.9        | 73                                                  | 46  | 27 | 5.9                                               | 8.1        | 4.0        |
| Chernivetska                                     | 72                                                | 45  | 27  | 7.9                                               | 10.6        | 5.6        | 73                                                  | 44  | 29 | 8.1                                               | 10.3       | 6.0        |
| Chernigivska                                     | 80                                                | 52  | 28  | 7.6                                               | 11.0        | 4.9        | 82                                                  | 51  | 31 | 7.8                                               | 10.7       | 5.4        |
| Kyiv city                                        | 165                                               | 82  | 83  | 5.8                                               | 6.2         | 5.4        | 113                                                 | 57  | 56 | 4.0                                               | 4.3        | 3.7        |
| Sevastopol city                                  |                                                   |     |     |                                                   |             |            |                                                     |     |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Stage distribution of new cases<br>according to TNM, % |            |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2014, % | of which<br>diagnosed<br>post-mortem<br>in 2014* | Received<br>special<br>treatment,<br>% | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exam-<br>ination, % | Patients per 100 000 of<br>population |             |             |
|-----------------------------|--------------------------------------------------------|------------|-------------|-------------------|---------------------------------------------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | I-II                                                   | III        | IV          | Not<br>determined |                                                               |                                                  |                                        |                                        |                                                      | ♀                                     | ♂           | ▲           |
| <b>Ukraine</b>              | <b>0.0</b>                                             | <b>3.1</b> | <b>52.7</b> | <b>0.2</b>        | <b>67.8</b>                                                   | <b>27</b>                                        | <b>20.5</b>                            | <b>35.6</b>                            | <b>1.9</b>                                           | <b>17.7</b>                           | <b>18.4</b> | <b>17.0</b> |
| AR Krym                     |                                                        |            |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Vinnytska                   | 0.0                                                    | 0.0        | 88.9        | 0.0               | 68.4                                                          | 1                                                | 15.6                                   | 23.1                                   | 0.0                                                  | 12.1                                  | 13.0        | 11.3        |
| Volynska                    | 0.0                                                    | 0.0        | 22.9        | 0.0               | 55.9                                                          | 0                                                | 18.1                                   | 24.8                                   | 1.0                                                  | 17.6                                  | 18.6        | 16.7        |
| Dnipropetrovska             | 0.0                                                    | 0.6        | 0.8         | 0.6               | 66.8                                                          | 0                                                | 12.4                                   | 22.9                                   | 3.0                                                  | 18.0                                  | 17.2        | 18.7        |
| Donetska                    |                                                        |            |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Zhytomyrska                 | 0.0                                                    | 0.0        | 96.4        | 1.2               | 61.1                                                          | 0                                                | 25.0                                   | 52.9                                   | 3.6                                                  | 14.0                                  | 15.6        | 12.6        |
| Zakarpatska                 | 0.0                                                    | 0.0        | 0.0         | 0.0               | 63.9                                                          | 0                                                | 19.2                                   | 32.9                                   | 0.0                                                  | 19.7                                  | 20.4        | 19.1        |
| Zaporizzka                  | 0.0                                                    | 0.0        | 99.4        | 0.0               | 64.3                                                          | 7                                                | 18.6                                   | 44.9                                   | 2.9                                                  | 20.2                                  | 22.0        | 18.8        |
| Ivano-Frankivska            | 0.0                                                    | 0.0        | 55.5        | 0.0               | 78.2                                                          | 0                                                | 15.3                                   | 20.1                                   | 0.0                                                  | 9.6                                   | 11.7        | 7.7         |
| Kyivska                     | 0.0                                                    | 0.0        | 94.8        | 0.0               | 68.7                                                          | 0                                                | 17.4                                   | 36.7                                   | 3.9                                                  | 21.5                                  | 23.5        | 19.8        |
| Kirovogradksa               | 0.0                                                    | 0.0        | 16.7        | 0.0               | 62.9                                                          | 0                                                | 16.7                                   | 22.8                                   | 3.1                                                  | 18.1                                  | 20.3        | 16.1        |
| Louganska                   |                                                        |            |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |
| Lvivska                     | 0.0                                                    | 1.9        | 97.7        | 0.0               | 73.5                                                          | 0                                                | 19.0                                   | 28.1                                   | 0.0                                                  | 17.2                                  | 16.4        | 18.0        |
| Mykolajivska                | 0.0                                                    | 0.0        | 98.7        | 0.0               | 65.3                                                          | 4                                                | 26.2                                   | 35.5                                   | 4.0                                                  | 26.0                                  | 28.6        | 23.8        |
| Odesska                     | 0.0                                                    | 0.0        | 87.2        | 1.1               | 62.0                                                          | 3                                                | 30.3                                   | 82.1                                   | 0.0                                                  | 29.0                                  | 32.0        | 26.3        |
| Poltavska                   | 0.0                                                    | 55.7       | 44.3        | 0.0               | 78.4                                                          | 0                                                | 19.3                                   | 37.1                                   | 4.3                                                  | 15.3                                  | 15.1        | 15.4        |
| Rivnenska                   | 0.0                                                    | 0.0        | 0.0         | 0.0               | 70.5                                                          | 0                                                | 25.6                                   | 15.9                                   | 0.0                                                  | 12.2                                  | 14.0        | 10.7        |
| Soumska                     | 0.0                                                    | 0.0        | 45.7        | 0.0               | 68.9                                                          | 0                                                | 24.5                                   | 31.6                                   | 0.0                                                  | 13.7                                  | 13.7        | 13.6        |
| Ternopilska                 | 0.0                                                    | 2.5        | 0.0         | 0.0               | 58.2                                                          | 0                                                | 22.2                                   | 39.5                                   | 1.2                                                  | 16.5                                  | 17.5        | 15.6        |
| Kharkivska                  | 0.0                                                    | 4.8        | 90.4        | 0.6               | 66.7                                                          | 2                                                | 25.3                                   | 45.3                                   | 7.2                                                  | 20.1                                  | 18.6        | 21.5        |
| Khersonska                  | 0.0                                                    | 0.0        | 0.0         | 0.0               | 69.4                                                          | 0                                                | 27.9                                   | 36.8                                   | 0.0                                                  | 10.0                                  | 9.7         | 10.3        |
| Khmelnitska                 | 0.0                                                    | 0.0        | 54.2        | 0.6               | 68.1                                                          | 0                                                | 25.3                                   | 28.1                                   | 0.6                                                  | 21.4                                  | 24.4        | 18.8        |
| Cherkasska                  | 0.0                                                    | 3.8        | 85.9        | 0.0               | 67.4                                                          | 4                                                | 28.2                                   | 53.7                                   | 0.0                                                  | 11.3                                  | 10.5        | 12.0        |
| Chernivetska                | 0.0                                                    | 0.0        | 93.0        | 0.0               | 73.1                                                          | 0                                                | 14.1                                   | 23.6                                   | 2.8                                                  | 27.1                                  | 27.2        | 27.0        |
| Chernigivska                | 0.0                                                    | 0.0        | 5.1         | 0.0               | 80.5                                                          | 1                                                | 25.6                                   | 33.8                                   | 0.0                                                  | 13.8                                  | 15.6        | 12.2        |
| Kyiv city                   | 0.0                                                    | 0.0        | 0.0         | 0.0               | 68.4                                                          | 5                                                | 18.4                                   | 48.5                                   | 0.0                                                  | 14.0                                  | 14.6        | 13.5        |
| Sevastopol city             |                                                        |            |             |                   |                                                               |                                                  |                                        |                                        |                                                      |                                       |             |             |

\* - does not include cases of Donetska and Louganska oblast, AR Krym, Sevastopol city

Table 1 - General rates, 2014

|                                                                        | ♀    | ♂    | ▪    |
|------------------------------------------------------------------------|------|------|------|
| Incidence: number of new cases*                                        | 1034 | 579  | 455  |
| Incidence (crude rate)                                                 | 15.7 | 17.1 | 14.2 |
| Incidence (age-standardized, world standard)                           | 15.7 | 17.1 | 14.2 |
| Incidence (age-standardized, Ukrainian standard)                       | 15.0 | 16.1 | 13.7 |
| Change of incidence rate 2014 compared to 2013, % (Ukrainian standard) |      |      |      |
| Mortality: number of new cases*                                        | 260  | 150  | 110  |
| Mortality (crude rate)                                                 | 3.9  | 4.4  | 3.4  |
| Mortality (age-standardized, world standard)                           | 4.0  | 4.5  | 3.4  |
| Mortality (age-standardized, Ukrainian standard)                       | 3.7  | 4.1  | 3.3  |
| Lived less than 1 year since the diagnosis in 2014, %                  | 15.7 | 16.6 | 14.6 |
| From among the newly diagnosed – diagnosed post mortem, %              | 1.2  | 0.7  | 1.8  |
| Microscopically verified diagnoses, %                                  | 96.0 | 96.5 | 95.4 |
| Diagnoses verified with histology, %                                   | 82.0 | 80.0 | 84.6 |
| Not specified morphology, %                                            | 3.8  | 1.8  | 6.5  |
| Patients diagnosed during the preventive medical examinations, %       | 11.5 | 10.4 | 13.0 |
| Newly diagnosed patients received the special treatment, %             | 87.9 | 88.1 | 87.6 |
| - surgical treatment only, %                                           | 12.8 | 10.0 | 16.3 |
| - combined or complex scheme of treatment, %                           | 23.6 | 20.6 | 27.4 |

\* - does not include cases of Donetsk and Louganska oblast, AR Krym, Sevastopol city

| Table 2 - Incidence and mortality, 2014 | Crude incidence rate per 100 000 of population |      |      | Age-standardized incidence rate (world standard) |      |      | Age-standardized incidence rate (Ukrainian standard) |      |      | Crude mortality rate per 100 000 of population |     |     | Age-standardized mortality rate (world standard) |     |     | Age-standardized mortality rate (Ukrainian standard) |     |     |
|-----------------------------------------|------------------------------------------------|------|------|--------------------------------------------------|------|------|------------------------------------------------------|------|------|------------------------------------------------|-----|-----|--------------------------------------------------|-----|-----|------------------------------------------------------|-----|-----|
|                                         | ♀                                              | ♂    | ▪    | ♀                                                | ♂    | ▪    | ♀                                                    | ♂    | ▪    | ♀                                              | ♂   | ▪   | ♀                                                | ♂   | ▪   | ♀                                                    | ♂   | ▪   |
| Ukraine                                 | 15.7                                           | 17.1 | 14.2 | 15.7                                             | 17.1 | 14.2 | 15.0                                                 | 16.1 | 13.7 | 3.9                                            | 4.4 | 3.4 | 4.0                                              | 4.5 | 3.4 | 3.7                                                  | 4.1 | 3.3 |
| AR Krym                                 |                                                |      |      |                                                  |      |      |                                                      |      |      |                                                |     |     |                                                  |     |     |                                                      |     |     |
| Vinnytska                               | 11.9                                           | 13.2 | 10.5 | 11.8                                             | 13.2 | 10.3 | 11.9                                                 | 13.4 | 10.4 | 6.5                                            | 7.9 | 4.9 | 6.3                                              | 7.9 | 4.6 | 6.4                                                  | 7.7 | 5.1 |
| Volynska                                | 13.1                                           | 13.1 | 13.1 | 13.0                                             | 12.8 | 13.3 | 12.4                                                 | 13.2 | 11.4 | 3.8                                            | 2.5 | 5.3 | 3.7                                              | 2.4 | 5.2 | 4.1                                                  | 3.0 | 5.3 |
| Dnipropetrovska                         | 16.8                                           | 20.4 | 12.9 | 16.9                                             | 20.5 | 13.0 | 14.9                                                 | 17.9 | 11.7 | 4.6                                            | 6.2 | 2.9 | 4.7                                              | 6.3 | 3.0 | 4.0                                                  | 4.9 | 3.0 |
| Donetska                                |                                                |      |      |                                                  |      |      |                                                      |      |      |                                                |     |     |                                                  |     |     |                                                      |     |     |
| Zhytomyrska                             | 12.7                                           | 14.4 | 11.0 | 13.1                                             | 14.7 | 11.4 | 10.9                                                 | 13.3 | 8.4  | 3.3                                            | 4.0 | 2.5 | 3.2                                              | 4.0 | 2.4 | 3.4                                                  | 4.1 | 2.6 |
| Zakarpatska                             | 10.8                                           | 12.9 | 8.6  | 10.8                                             | 12.8 | 8.7  | 10.3                                                 | 13.1 | 7.5  | 6.3                                            | 8.1 | 4.3 | 6.2                                              | 8.1 | 4.2 | 6.3                                                  | 8.1 | 4.4 |
| Zaporizzka                              | 13.1                                           | 14.1 | 12.1 | 13.1                                             | 14.1 | 12.1 | 13.1                                                 | 15.2 | 10.8 | 4.1                                            | 5.4 | 2.8 | 4.2                                              | 5.4 | 3.0 | 3.9                                                  | 5.5 | 2.3 |
| Ivano-Frankivska                        | 14.6                                           | 13.2 | 16.1 | 14.4                                             | 13.1 | 15.8 | 14.4                                                 | 13.0 | 15.7 | 1.1                                            | 1.4 | 0.7 | 1.0                                              | 1.3 | 0.8 | 1.0                                                  | 1.5 | 0.5 |
| Kyivska                                 | 20.9                                           | 23.6 | 17.9 | 20.9                                             | 23.6 | 17.9 | 18.9                                                 | 19.7 | 18.1 | 3.2                                            | 4.4 | 2.0 | 3.2                                              | 4.4 | 2.0 | 2.3                                                  | 3.3 | 1.1 |
| Kirovogradksa                           | 18.7                                           | 22.8 | 14.4 | 18.9                                             | 22.7 | 14.9 | 17.6                                                 | 22.6 | 12.4 | 2.3                                            | 2.3 | 2.4 | 2.3                                              | 2.4 | 2.2 | 2.3                                                  | 1.8 | 3.0 |
| Louganska                               |                                                |      |      |                                                  |      |      |                                                      |      |      |                                                |     |     |                                                  |     |     |                                                      |     |     |
| Lvivska                                 | 16.6                                           | 17.8 | 15.3 | 16.9                                             | 18.3 | 15.4 | 15.2                                                 | 15.2 | 15.2 | 3.3                                            | 4.9 | 1.7 | 3.4                                              | 5.0 | 1.6 | 3.1                                                  | 4.0 | 2.2 |
| Mykolajivska                            | 22.1                                           | 21.5 | 22.8 | 22.3                                             | 21.8 | 22.8 | 21.8                                                 | 20.3 | 23.4 | 6.7                                            | 7.5 | 5.9 | 6.8                                              | 7.5 | 6.0 | 6.6                                                  | 6.9 | 6.2 |
| Odesska                                 | 14.8                                           | 14.4 | 15.2 | 14.7                                             | 14.3 | 15.0 | 13.8                                                 | 13.2 | 14.5 | 4.7                                            | 3.9 | 5.5 | 4.7                                              | 3.9 | 5.5 | 4.2                                                  | 3.5 | 4.9 |
| Poltavská                               | 17.0                                           | 20.6 | 13.1 | 17.3                                             | 21.2 | 13.1 | 15.9                                                 | 18.1 | 13.4 | 5.5                                            | 5.0 | 6.1 | 5.7                                              | 5.0 | 6.5 | 5.2                                                  | 5.1 | 5.3 |
| Rivnenska                               | 17.1                                           | 18.5 | 15.7 | 17.0                                             | 18.6 | 15.4 | 17.6                                                 | 17.2 | 18.1 | 3.6                                            | 2.1 | 5.2 | 3.7                                              | 2.1 | 5.3 | 3.6                                                  | 2.3 | 4.9 |
| Soumska                                 | 16.4                                           | 16.5 | 16.3 | 16.1                                             | 16.7 | 15.4 | 16.2                                                 | 15.8 | 16.7 | 4.0                                            | 2.2 | 5.8 | 4.2                                              | 2.3 | 6.2 | 3.4                                                  | 2.2 | 4.6 |
| Ternopilska                             | 11.7                                           | 16.2 | 7.0  | 11.7                                             | 15.9 | 7.3  | 11.6                                                 | 16.1 | 6.9  | 5.9                                            | 7.6 | 4.0 | 5.9                                              | 7.6 | 4.1 | 5.5                                                  | 7.6 | 3.4 |
| Kharkivska                              | 13.8                                           | 13.9 | 13.7 | 13.9                                             | 14.0 | 13.8 | 14.3                                                 | 14.3 | 14.4 | 3.1                                            | 5.1 | 1.0 | 3.1                                              | 5.0 | 1.0 | 3.0                                                  | 4.9 | 1.0 |
| Khersonska                              | 13.7                                           | 13.9 | 13.6 | 14.0                                             | 13.9 | 14.1 | 12.3                                                 | 13.5 | 11.1 | 5.1                                            | 3.0 | 7.3 | 5.1                                              | 3.1 | 7.2 | 5.3                                                  | 2.6 | 8.1 |
| Khmelnitska                             | 13.8                                           | 13.0 | 14.6 | 13.9                                             | 13.1 | 14.7 | 13.1                                                 | 12.7 | 13.4 | 3.3                                            | 2.4 | 4.3 | 3.4                                              | 2.4 | 4.5 | 2.8                                                  | 2.3 | 3.3 |
| Cherkasska                              | 17.4                                           | 14.1 | 20.9 | 17.7                                             | 14.5 | 21.1 | 16.5                                                 | 12.8 | 20.4 | 1.0                                            | 1.9 | 0.0 | 1.1                                              | 2.0 | 0.0 | 0.6                                                  | 1.2 | 0.0 |
| Chernivetska                            | 14.6                                           | 14.8 | 14.5 | 14.6                                             | 14.5 | 14.7 | 14.5                                                 | 14.5 | 14.6 | 2.7                                            | 3.2 | 2.2 | 2.7                                              | 3.3 | 2.1 | 2.6                                                  | 3.2 | 2.0 |
| Chernigivska                            | 21.0                                           | 25.7 | 16.0 | 20.8                                             | 25.7 | 15.7 | 20.6                                                 | 25.3 | 15.7 | 3.6                                            | 4.7 | 2.5 | 3.7                                              | 5.1 | 2.2 | 3.0                                                  | 3.1 | 3.0 |
| Kyiv city                               | 18.3                                           | 22.2 | 14.1 | 18.4                                             | 22.3 | 14.2 | 18.6                                                 | 22.5 | 14.5 | 2.9                                            | 2.8 | 3.0 | 2.9                                              | 2.7 | 3.0 | 3.0                                                  | 2.5 | 3.4 |
| Sevastopol city                         |                                                |      |      |                                                  |      |      |                                                      |      |      |                                                |     |     |                                                  |     |     |                                                      |     |     |

| Table 3 -<br>Incidence and<br>mortality,<br>2015 | Number of new cancer<br>cases registered in 2015* |    |    | Crude incidence rate<br>per 100 000 of population |             |             | Number of deaths from<br>cancer registered in 2015* |    |    | Crude mortality rate<br>per 100 000 of population |            |            |
|--------------------------------------------------|---------------------------------------------------|----|----|---------------------------------------------------|-------------|-------------|-----------------------------------------------------|----|----|---------------------------------------------------|------------|------------|
|                                                  | ♀                                                 | ♂  | ▲  | ♀                                                 | ♂           | ▲           | ♀                                                   | ♂  | ▲  | ♀                                                 | ♂          | ▲          |
| <b>Ukraine</b>                                   |                                                   |    |    | <b>14.6</b>                                       | <b>14.8</b> | <b>14.4</b> |                                                     |    |    | <b>3.8</b>                                        | <b>3.9</b> | <b>3.6</b> |
| AR Krym                                          |                                                   |    |    |                                                   |             |             |                                                     |    |    |                                                   |            |            |
| Vinnytska                                        | 50                                                | 26 | 24 | 17.1                                              | 17.2        | 16.9        | 11                                                  | 5  | 6  | 3.8                                               | 3.3        | 4.2        |
| Volynska                                         | 30                                                | 17 | 13 | 12.6                                              | 13.9        | 11.3        | 4                                                   | 3  | 1  | 1.7                                               | 2.4        | 0.9        |
| Dnipropetrovska                                  | 90                                                | 47 | 43 | 15.9                                              | 16.1        | 15.6        | 24                                                  | 12 | 12 | 4.2                                               | 4.1        | 4.4        |
| Donetska                                         |                                                   |    |    |                                                   |             |             |                                                     |    |    |                                                   |            |            |
| Zhytomyrska                                      | 33                                                | 12 | 21 | 13.6                                              | 9.6         | 17.8        | 10                                                  | 5  | 5  | 4.1                                               | 4.0        | 4.2        |
| Zakarpatska                                      | 41                                                | 26 | 15 | 14.1                                              | 17.4        | 10.6        | 14                                                  | 9  | 5  | 4.8                                               | 6.0        | 3.5        |
| Zaporizzka                                       | 49                                                | 23 | 26 | 16.8                                              | 15.3        | 18.4        | 12                                                  | 4  | 8  | 4.1                                               | 2.7        | 5.7        |
| Ivano-Frankivska                                 | 40                                                | 23 | 17 | 14.3                                              | 16.0        | 12.5        | 10                                                  | 4  | 6  | 3.6                                               | 2.8        | 4.4        |
| Kyivska                                          | 45                                                | 19 | 26 | 14.2                                              | 11.6        | 17.0        | 12                                                  | 5  | 7  | 3.8                                               | 3.1        | 4.6        |
| Kirovogradksa                                    | 21                                                | 12 | 9  | 12.3                                              | 13.7        | 10.8        | 6                                                   | 3  | 3  | 3.5                                               | 3.4        | 3.6        |
| Louganska                                        |                                                   |    |    |                                                   |             |             |                                                     |    |    |                                                   |            |            |
| Lvivska                                          | 75                                                | 38 | 37 | 15.5                                              | 15.4        | 15.7        | 18                                                  | 13 | 5  | 3.7                                               | 5.3        | 2.1        |
| Mykolajivska                                     | 28                                                | 14 | 14 | 13.4                                              | 13.0        | 13.9        | 16                                                  | 9  | 7  | 7.7                                               | 8.4        | 6.9        |
| Odesska                                          | 67                                                | 38 | 29 | 14.9                                              | 16.4        | 13.2        | 18                                                  | 10 | 8  | 4.0                                               | 4.3        | 3.6        |
| Poltavska                                        | 32                                                | 20 | 12 | 13.6                                              | 16.5        | 10.5        | 6                                                   | 3  | 3  | 2.6                                               | 2.5        | 2.6        |
| Rivnenska                                        | 36                                                | 24 | 12 | 13.0                                              | 17.0        | 8.9         | 9                                                   | 6  | 3  | 3.3                                               | 4.2        | 2.2        |
| Soumska                                          | 31                                                | 16 | 15 | 17.7                                              | 17.8        | 17.6        | 2                                                   | 1  | 1  | 1.1                                               | 1.1        | 1.2        |
| Ternopilska                                      | 29                                                | 18 | 11 | 14.3                                              | 17.3        | 11.1        | 5                                                   | 3  | 2  | 2.5                                               | 2.9        | 2.0        |
| Kharkivska                                       | 45                                                | 15 | 30 | 10.6                                              | 6.9         | 14.6        | 19                                                  | 6  | 13 | 4.5                                               | 2.8        | 6.3        |
| Khersonska                                       | 19                                                | 11 | 8  | 9.6                                               | 10.9        | 8.3         | 9                                                   | 7  | 2  | 4.6                                               | 6.9        | 2.1        |
| Khmelnitska                                      | 46                                                | 20 | 26 | 19.3                                              | 16.2        | 22.5        | 8                                                   | 6  | 2  | 3.3                                               | 4.9        | 1.7        |
| Cherkasska                                       | 37                                                | 21 | 16 | 18.0                                              | 19.8        | 16.1        | 10                                                  | 5  | 5  | 4.9                                               | 4.7        | 5.0        |
| Chernivetska                                     | 36                                                | 18 | 18 | 19.4                                              | 18.9        | 20.0        | 8                                                   | 4  | 4  | 4.3                                               | 4.2        | 4.4        |
| Chernigivska                                     | 25                                                | 10 | 15 | 15.1                                              | 11.8        | 18.5        | 4                                                   | 1  | 3  | 2.4                                               | 1.2        | 3.7        |
| Kyiv city                                        | 64                                                | 36 | 28 | 12.9                                              | 14.2        | 11.6        | 16                                                  | 10 | 6  | 3.2                                               | 3.9        | 2.5        |
| Sevastopol city                                  |                                                   |    |    |                                                   |             |             |                                                     |    |    |                                                   |            |            |

\* - number of new cases and deaths for whole Ukraine is omitted due to the impossibility of obtaining data from some regions

| Table 4 -<br>Rates,<br>2015 | Undefined stage or form in new cases * |            |           |             |           |            | Lived less<br>than 1<br>year since<br>diagnosis<br>in 2014, % | of which<br>diagnosed<br>post-<br>mortem in<br>2014** | Received<br>special<br>treatment<br>% | Micro-<br>scopi-<br>cally<br>verified,<br>% | During<br>the preven-<br>tive<br>examina-<br>tion, % | Patients per 100 000<br>of population |             |             |
|-----------------------------|----------------------------------------|------------|-----------|-------------|-----------|------------|---------------------------------------------------------------|-------------------------------------------------------|---------------------------------------|---------------------------------------------|------------------------------------------------------|---------------------------------------|-------------|-------------|
|                             | C00-C80                                |            | C81-C85   |             | C91-C95   |            |                                                               |                                                       |                                       |                                             |                                                      | ♀                                     | ♂           | ▲           |
|                             | number                                 | %          | number    | %           | number    | %          |                                                               |                                                       |                                       |                                             |                                                      |                                       |             |             |
| <b>Ukraine</b>              | <b>273</b>                             | <b>4.4</b> | <b>40</b> | <b>30.1</b> | <b>47</b> | <b>8.7</b> | <b>15.7</b>                                                   | <b>12</b>                                             | <b>81.7</b>                           | <b>94.4</b>                                 | <b>11.4</b>                                          | <b>81.3</b>                           | <b>86.7</b> | <b>75.6</b> |
| AR Krym                     |                                        |            |           |             |           |            |                                                               |                                                       |                                       |                                             |                                                      |                                       |             |             |
| Vinnytska                   | 18                                     | -          | -         | -           | -         | -          | 14.3                                                          | 0                                                     | 87.8                                  | 98.0                                        | 2.0                                                  | 81.9                                  | 85.4        | 78.1        |
| Volynska                    | 12                                     | -          | -         | -           | 2         | 13.3       | 16.7                                                          | 1                                                     | 82.8                                  | 93.3                                        | 0.0                                                  | 69.8                                  | 84.0        | 54.7        |
| Dnipropetrovska             | 30                                     | -          | -         | -           | 2         | 4.1        | 23.4                                                          | 0                                                     | 92.2                                  | 98.9                                        | 2.2                                                  | 80.7                                  | 93.0        | 67.6        |
| Donetska                    |                                        |            |           |             |           |            |                                                               |                                                       |                                       |                                             |                                                      |                                       |             |             |
| Zhytomyrska                 | 10                                     | 10.0       | 2         | 40.0        | 4         | 22.2       | 18.8                                                          | 0                                                     | 83.9                                  | 97.0                                        | 3.2                                                  | 78.6                                  | 67.3        | 90.5        |
| Zakarpatska                 | 15                                     | -          | -         | -           | 1         | 4.8        | 35.5                                                          | 0                                                     | 82.1                                  | 100.0                                       | 2.6                                                  | 54.5                                  | 60.4        | 48.3        |
| Zaporizzka                  | 11                                     | 9.1        | 8         | 88.9        | 1         | 3.4        | 15.8                                                          | 2                                                     | 30.6                                  | 85.7                                        | 8.2                                                  | 76.4                                  | 79.7        | 72.8        |
| Ivano-Frankivska            | 13                                     | -          | -         | -           | -         | -          | 12.2                                                          | 0                                                     | 97.4                                  | 97.5                                        | 5.1                                                  | 65.7                                  | 69.5        | 61.7        |
| Kyivska                     | 7                                      | -          | -         | -           | 1         | 3.4        | 9.4                                                           | 3                                                     | 75.6                                  | 91.1                                        | 8.9                                                  | 99.5                                  | 103.2       | 95.5        |
| Kirovogradksa               | 4                                      | -          | -         | -           | -         | -          | 12.5                                                          | 1                                                     | 85.7                                  | 95.2                                        | 4.8                                                  | 70.4                                  | 78.9        | 61.4        |
| Louganska                   |                                        |            |           |             |           |            |                                                               |                                                       |                                       |                                             |                                                      |                                       |             |             |
| Lvivska                     | 15                                     | -          | -         | -           | 5         | 9.8        | 8.8                                                           | 0                                                     | 83.8                                  | 90.7                                        | 5.4                                                  | 89.2                                  | 92.9        | 85.3        |
| Mykolajivska                | 8                                      | 12.5       | -         | -           | 2         | 11.8       | 24.4                                                          | 0                                                     | 85.7                                  | 85.7                                        | 92.9                                                 | 74.3                                  | 85.5        | 62.4        |
| Odesska                     | 17                                     | 52.9       | 12        | 100.0       | 2         | 5.4        | 16.7                                                          | 1                                                     | 74.6                                  | 100.0                                       | 0.0                                                  | 79.0                                  | 81.3        | 76.6        |
| Poltavska                   | 10                                     | -          | -         | -           | -         | -          | 17.5                                                          | 0                                                     | 62.5                                  | 100.0                                       | 28.1                                                 | 84.7                                  | 90.9        | 78.0        |
| Rivnenska                   | 5                                      | -          | 5         | 100.0       | 4         | 15.4       | 10.6                                                          | 0                                                     | 94.4                                  | 86.1                                        | 5.6                                                  | 80.3                                  | 86.9        | 73.4        |
| Soumska                     | 10                                     | -          | -         | -           | -         | -          | 10.3                                                          | 0                                                     | 80.6                                  | 87.1                                        | 3.2                                                  | 87.3                                  | 86.6        | 88.0        |
| Ternopilska                 | 6                                      | -          | 3         | 30.0        | 3         | 23.1       | 33.3                                                          | 2                                                     | 96.3                                  | 100.0                                       | 29.6                                                 | 68.0                                  | 73.9        | 61.7        |
| Kharkivska                  | 11                                     | -          | 2         | 66.7        | 6         | 19.4       | 15.8                                                          | 1                                                     | 79.1                                  | 84.4                                        | 9.3                                                  | 77.3                                  | 85.5        | 68.6        |
| Khersonska                  | 7                                      | -          | 1         | 100.0       | -         | -          | 22.2                                                          | 0                                                     | 78.9                                  | 89.5                                        | 10.5                                                 | 74.1                                  | 75.0        | 73.0        |
| Khmelnitska                 | 14                                     | -          | 3         | 27.3        | 2         | 10.0       | 15.2                                                          | 0                                                     | 88.9                                  | 97.8                                        | 6.7                                                  | 91.7                                  | 86.9        | 96.7        |
| Cherkasska                  | 11                                     | -          | -         | -           | -         | -          | 8.3                                                           | 0                                                     | 97.3                                  | 97.3                                        | 10.8                                                 | 124.6                                 | 131.4       | 117.5       |
| Chernivetska                | 12                                     | -          | -         | -           | 5         | 22.7       | 3.7                                                           | 0                                                     | 57.1                                  | 86.1                                        | 28.6                                                 | 78.2                                  | 83.0        | 73.2        |
| Chernigivska                | 11                                     | -          | -         | -           | -         | -          | 11.4                                                          | 0                                                     | 100.0                                 | 100.0                                       | 8.0                                                  | 78.5                                  | 89.7        | 66.8        |
| Kyiv city                   | 16                                     | -          | 4         | 50.0        | 7         | 17.5       | 13.6                                                          | 1                                                     | 87.5                                  | 100.0                                       | 28.1                                                 | 92.6                                  | 101.5       | 83.1        |
| Sevastopol city             |                                        |            |           |             |           |            |                                                               |                                                       |                                       |                                             |                                                      |                                       |             |             |

\* - Ann-Arbour stage for lymphomas, stage according to TNM for other cancers, form – for leukemia;

\*\* - number of new cases and deaths for whole Ukraine omitted due to the impossibility of obtaining data from some regions

**Adjusted rates 2014**

**Rates for selected cancer sites by age groups, incidence**

**Annex A**

| Age                                             | 0+   | 1-4  | 5-9  | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64  | 65-69  | 70-74  | 75-79  | 80-84  | 85+    | Cases* | CR    | ASR   | ER   |                                      |     |
|-------------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|--------------------------------------|-----|
| <b>All sites</b>                                |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C00-C96</b>                       |     |
| ♀                                               | 25.0 | 22.3 | 13.1 | 13.2  | 18.6  | 21.9  | 28.8  | 46.6  | 79.2  | 134.2 | 257.2 | 457.6 | 799.3 | 1195.7 | 1695.7 | 1830.5 | 2029.4 | 1578.0 | 1351.4 | 65415  | 388.1 | 267.1 | 1.1  |                                      |     |
| ♂                                               | 22.1 | 16.5 | 10.3 | 11.1  | 21.7  | 27.2  | 54.1  | 98.6  | 155.8 | 240.5 | 341.8 | 446.9 | 590.8 | 760.9  | 921.7  | 905.7  | 1033.9 | 769.6  | 603.5  | 69892  | 358.8 | 202.2 | 0.8  |                                      |     |
| <b>All sites, non-melanoma of skin excluded</b> |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C00-C96 (C44, C46.0 excluded)</b> |     |
| ♀                                               | 24.6 | 22.3 | 13.1 | 13.1  | 18.1  | 20.8  | 26.9  | 44.1  | 72.0  | 122.7 | 236.5 | 425.2 | 741.9 | 1098.3 | 1550.4 | 1632.2 | 1748.9 | 1276.6 | 997.8  | 58887  | 349.4 | 242.1 | 1.0  |                                      |     |
| ♂                                               | 22.1 | 16.5 | 10.3 | 11.0  | 21.6  | 26.0  | 52.1  | 95.2  | 149.1 | 227.6 | 320.3 | 413.5 | 540.6 | 684.7  | 804.6  | 750.7  | 822.9  | 578.3  | 408.4  | 60916  | 312.7 | 181.9 | 0.8  |                                      |     |
| <b>Lip</b>                                      |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C00</b>                           |     |
| ♀                                               | -    | -    | -    | -     | -     | -     | -     | 0.1   | 0.1   | 0.2   | 0.6   | 1.2   | 2.5   | 3.9    | 7.3    | 12.4   | 17.9   | 22.7   | 24.4   | 18.2   | 496   | 2.9   | 1.9  | 0.1                                  |     |
| ♂                                               | -    | 0.1  | -    | -     | -     | -     | -     | 0.1   | 0.1   | -     | 0.2   | 0.1   | 0.6   | 0.9    | 2.1    | 3.2    | 6.0    | 7.1    | 8.0    | 199    | 1.0   | 0.4   | 0.0  |                                      |     |
| <b>Oral cavity</b>                              |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C01-C08, C46.2</b>                |     |
| ♀                                               | -    | -    | -    | -     | 0.2   | 0.1   | 0.4   | 1.0   | 2.7   | 7.0   | 15.1  | 22.9  | 33.8  | 38.1   | 38.2   | 23.0   | 20.6   | 13.5   | 16.6   | 1791   | 10.6  | 7.6   | 0.2  |                                      |     |
| ♂                                               | -    | -    | 0.1  | -     | 0.2   | 0.1   | 0.5   | 0.1   | 1.0   | 1.5   | 2.1   | 2.4   | 3.5   | 6.8    | 5.3    | 4.7    | 8.3    | 6.9    | 5.9    | 469    | 2.4   | 1.3   | 0.1  |                                      |     |
| <b>Pharynx</b>                                  |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C09-C14</b>                       |     |
| ♀                                               | -    | 0.1  | -    | 0.2   | 0.2   | 0.2   | 0.3   | 0.6   | 2.4   | 6.2   | 13.6  | 25.7  | 38.4  | 41.8   | 44.9   | 24.8   | 19.2   | 10.9   | 5.0    | 1900   | 11.3  | 8.1   | 0.2  |                                      |     |
| ♂                                               | -    | -    | 0.1  | 0.2   | 0.1   | 0.1   | 0.4   | 1.3   | 1.5   | 1.7   | 2.0   | 2.3   | 2.9   | 2.7    | 0.9    | 2.6    | 1.6    | 2.7    | 2.7    | 244    | 1.3   | 0.8   | 0.1  |                                      |     |
| <b>Esophagus</b>                                |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C15</b>                           |     |
| ♀                                               | -    | -    | -    | -     | 0.1   | 0.1   | -     | 0.1   | 0.8   | 2.7   | 9.2   | 15.1  | 25.3  | 35.7   | 37.1   | 27.3   | 26.0   | 22.3   | 7.5    | 1459   | 8.7   | 6.1   | 0.2  |                                      |     |
| ♂                                               | -    | -    | -    | -     | -     | 0.1   | 0.1   | 0.1   | 0.1   | 0.7   | 0.9   | 1.3   | 2.2   | 2.1    | 3.1    | 3.6    | 4.9    | 3.2    | 193    | 1.0    | 0.5   | 0.0   |      |                                      |     |
| <b>Stomach</b>                                  |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C16</b>                           |     |
| ♀                                               | -    | -    | -    | -     | 0.1   | 0.2   | 0.5   | 2.7   | 6.1   | 10.5  | 18.4  | 33.5  | 63.5  | 97.4   | 133.2  | 159.1  | 165.2  | 123.7  | 96.1   | 5104   | 30.3  | 20.4  | 0.3  |                                      |     |
| ♂                                               | -    | -    | -    | 0.1   | 0.1   | 0.7   | 0.9   | 1.7   | 3.7   | 5.2   | 10.9  | 13.9  | 21.2  | 30.2   | 41.9   | 61.6   | 74.8   | 55.5   | 33.2   | 3246   | 16.7  | 7.9   | 0.2  |                                      |     |
| <b>Small intestine</b>                          |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C17</b>                           |     |
| ♀                                               | -    | -    | -    | -     | -     | -     | -     | 0.1   | 0.1   | 0.1   | 0.5   | 1.0   | 1.6   | 2.2    | 1.7    | 2.1    | 2.9    | 3.3    | -      | 2.5    | 126   | 0.7   | 0.5  | 0.0                                  |     |
| ♂                                               | -    | -    | -    | -     | -     | -     | -     | 0.1   | 0.1   | 0.2   | 0.5   | 0.6   | 0.7   | 1.1    | 1.3    | 1.3    | 1.0    | 0.4    | 1.5    | 104    | 0.5   | 0.3   | 0.0  |                                      |     |
| <b>Colon</b>                                    |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C18</b>                           |     |
| ♀                                               | -    | -    | -    | 0.2   | 0.1   | 0.2   | 0.7   | 1.9   | 3.7   | 5.8   | 11.9  | 23.3  | 45.3  | 72.3   | 113.3  | 134.6  | 175.5  | 127.8  | 99.4   | 4195   | 24.9  | 16.4  | 0.3  |                                      |     |
| ♂                                               | -    | -    | -    | 0.1   | 0.3   | 0.2   | 0.8   | 2.2   | 3.4   | 4.6   | 12.3  | 19.6  | 32.5  | 50.2   | 77.8   | 79.6   | 98.1   | 74.6   | 41.5   | 4582   | 23.5  | 11.2  | 0.2  |                                      |     |
| <b>Rectum, anus</b>                             |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C19-C21</b>                       |     |
| ♀                                               | -    | -    | -    | -     | 0.1   | 0.5   | 0.4   | 1.1   | 3.0   | 6.9   | 10.8  | 25.1  | 46.5  | 78.3   | 111.7  | 127.5  | 138.3  | 97.7   | 72.9   | 3968   | 23.5  | 15.8  | 0.3  |                                      |     |
| ♂                                               | -    | -    | -    | 0.1   | -     | 0.2   | 0.5   | 1.3   | 2.8   | 5.3   | 9.9   | 19.7  | 31.7  | 40.9   | 52.7   | 58.4   | 69.3   | 43.9   | 31.7   | 3528   | 18.1  | 8.9   | 0.2  |                                      |     |
| <b>Liver and intrahepatic bile ducts</b>        |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C22</b>                           |     |
| ♀                                               | 0.9  | 0.4  | 0.2  | -     | -     | 0.2   | 0.1   | 0.3   | 0.8   | 1.5   | 3.9   | 5.9   | 11.5  | 14.1   | 13.5   | 22.2   | 24.6   | 19.2   | 13.2   | 767    | 4.6   | 3.1   | 0.1  |                                      |     |
| ♂                                               | 0.5  | 0.1  | -    | -     | 0.1   | 0.2   | 0.2   | 0.1   | 0.7   | 1.2   | 1.2   | 2.5   | 3.1   | 6.6    | 9.4    | 9.8    | 10.1   | 10.2   | 9.8    | 577    | 3.0   | 1.5   | 0.1  |                                      |     |
| <b>Gallbladder and extrahepatic bile ducts</b>  |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C23-C24</b>                       |     |
| ♀                                               | -    | -    | -    | -     | -     | -     | -     | 0.1   | 0.2   | 0.2   | 0.6   | 1.2   | 2.0   | 4.7    | 5.1    | 9.4    | 10.5   | 15.0   | 6.8    | 9.9    | 347   | 2.1   | 1.4  | 0.1                                  |     |
| ♂                                               | -    | -    | -    | -     | -     | -     | -     | 0.1   | 0.1   | 0.5   | 0.8   | 2.0   | 3.7   | 6.2    | 8.8    | 10.0   | 12.4   | 11.2   | 7.6    | 552    | 2.8   | 1.3   | 0.1  |                                      |     |
| <b>Pancreas</b>                                 |      |      |      |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |       |       |      | <b>C25</b>                           |     |
| ♀                                               | -    | -    | -    | -     | -     | -     | -     | 0.2   | 0.6   | 1.2   | 2.3   | 4.9   | 9.9   | 18.1   | 32.4   | 43.5   | 60.9   | 63.4   | 65.3   | 44.2   | 41.4  | 2294  | 13.6 | 9.3                                  | 0.2 |
| ♂                                               | -    | -    | -    | -     | -     | -     | -     | 0.1   | 0.3   | 0.3   | 1.2   | 2.4   | 4.3   | 7.0    | 12.0   | 22.0   | 32.8   | 35.9   | 47.6   | 32.1   | 28.8  | 2009  | 10.3 | 4.7                                  | 0.1 |

"- - no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk oblast, Luhansk oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**
**Rates for selected cancer sites by age groups, incidence**

Annex A - continued

| Age                                                   | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+   | Cases* | CR   | ASR  | ER  |     |
|-------------------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|-----|-----|
| <i>Nasal cavity, accessory sinuses and middle ear</i> |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | 0.1   | -     | 0.1   | -     | 0.3   | 0.4   | 0.9   | 1.5   | 1.8   | 2.0   | 3.7   | 5.2   | 3.1   | 2.3   | 4.7   | 0.8   | 183    | 1.1  | 0.8  | 0.1 |     |
|                                                       | -   | -   | -   | 0.1   | -     | 0.1   | 0.3   | 0.2   | 0.2   | 0.8   | 0.6   | 0.8   | 0.9   | 1.2   | 1.4   | 1.4   | 2.4   | 1.6   | 0.7   | 128    | 0.7  | 0.4  | 0.0 |     |
| <i>Larynx</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | -     | -     | -     | -     | 0.3   | 1.5   | 3.9   | 11.6  | 20.1  | 38.7  | 41.2  | 49.4  | 33.2  | 31.1  | 15.6  | 9.9   | 1882   | 11.2 | 7.8  | 0.2 |     |
|                                                       | 0.5 | -   | -   | -     | -     | 0.2   | -     | -     | 0.3   | 0.3   | 0.8   | 0.6   | 1.1   | 0.9   | 1.4   | 0.9   | 0.3   | 0.4   | 0.5   | 85     | 0.4  | 0.3  | 0.0 |     |
| <i>Trachea, bronchus and lung</i>                     |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | 0.1   | 0.3   | 0.2   | 0.5   | 1.7   | 5.0   | 14.6  | 35.6  | 84.8  | 163.1 | 238.7 | 308.4 | 308.7 | 299.9 | 192.8 | 136.6 | 10866  | 64.5 | 43.9 | 0.4 |     |
|                                                       | -   | 0.1 | 0.1 | -     | 0.4   | 0.3   | 0.4   | 1.3   | 2.7   | 4.1   | 9.1   | 11.3  | 18.7  | 27.6  | 35.0  | 40.1  | 44.2  | 40.7  | 34.9  | 2462   | 12.6 | 6.2  | 0.1 |     |
| <i>Thymus</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | -     | -     | 0.1   | 0.1   | 0.2   | 0.2   | 0.4   | 0.4   | 0.6   | 0.5   | 0.2   | 0.7   | 0.4   | 0.2   | -     | -     | 39     | 0.2  | 0.2  | 0.0 |     |
|                                                       | -   | -   | -   | -     | -     | -     | -     | 0.1   | -     | 0.2   | 0.4   | 0.3   | 0.7   | 0.1   | 0.4   | 0.6   | 0.5   | 0.1   | -     | -      | 41   | 0.2  | 0.1 | 0.0 |
| <i>Heart, mediastinum</i>                             |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | 0.2 | -   | 0.1   | 0.2   | 0.3   | 0.1   | 0.3   | 0.2   | 0.6   | 0.3   | 1.0   | 1.2   | 1.3   | 2.0   | 1.0   | 1.4   | 2.1   | 1.7   | 93     | 0.6  | 0.4  | 0.0 |     |
|                                                       | 0.5 | 0.4 | -   | 0.3   | 0.1   | -     | 0.3   | 0.3   | 0.1   | 0.2   | 0.3   | 0.3   | 0.4   | 0.4   | 0.8   | 0.9   | 0.3   | 0.2   | 0.2   | 60     | 0.3  | 0.3  | 0.0 |     |
| <i>Pleura</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | -     | -     | 0.1   | 0.1   | 0.1   | 0.2   | 0.6   | 0.9   | 1.0   | 1.4   | 2.0   | 1.6   | 1.4   | 2.1   | 1.6   | 1.7   | 98     | 0.6  | 0.4  | 0.0 |     |
|                                                       | 0.5 | -   | -   | -     | -     | -     | -     | -     | -     | 0.1   | 0.2   | 0.6   | 0.4   | 0.8   | 0.9   | 1.2   | 1.2   | 0.8   | 0.5   | 67     | 0.3  | 0.2  | 0.0 |     |
| <i>Bones, joints and articular cartilage</i>          |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | 0.9 | 0.1 | 0.7 | 0.7   | 2.5   | 0.9   | 0.6   | 0.5   | 0.4   | 0.9   | 1.7   | 1.0   | 2.7   | 2.7   | 3.7   | 2.3   | 3.3   | 3.6   | -     | 225    | 1.3  | 1.2  | 0.1 |     |
|                                                       | -   | 0.2 | 0.3 | 1.4   | 1.4   | 0.4   | 0.2   | 0.6   | 0.4   | 0.5   | 0.5   | 0.6   | 1.1   | 1.3   | 1.8   | 1.2   | 1.7   | 1.4   | 1.0   | 159    | 0.8  | 0.7  | 0.1 |     |
| <i>Melanoma of skin</i>                               |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | 0.1   | 0.8   | 0.8   | 1.9   | 3.5   | 4.2   | 4.6   | 6.4   | 8.5   | 10.9  | 16.7  | 21.1  | 19.1  | 28.5  | 20.3  | 21.5  | 1067   | 6.3  | 4.5  | 0.1 |     |
|                                                       | -   | 0.1 | -   | 0.3   | 1.2   | 1.7   | 2.4   | 5.4   | 4.8   | 6.6   | 8.4   | 9.0   | 12.4  | 12.4  | 17.6  | 18.0  | 17.1  | 14.8  | 11.5  | 1478   | 7.6  | 4.6  | 0.1 |     |
| <i>Non-melanoma of skin</i>                           |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | 0.5 | -   | -   | 0.1   | 0.5   | 1.1   | 1.9   | 2.6   | 7.2   | 11.5  | 20.6  | 32.4  | 57.4  | 97.4  | 145.3 | 198.3 | 280.5 | 301.4 | 353.6 | 6528   | 38.7 | 25.0 | 0.3 |     |
|                                                       | -   | -   | -   | 0.1   | 0.1   | 1.2   | 1.9   | 3.4   | 6.8   | 12.9  | 21.4  | 33.4  | 50.2  | 76.2  | 117.1 | 155.0 | 211.0 | 191.3 | 195.1 | 8976   | 46.1 | 20.3 | 0.2 |     |
| <i>Mesothelioma (pleura excluded)</i>                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | 0.1   | -     | 0.2   | 0.3   | 0.7   | 0.5   | 0.4   | 0.2   | 0.5   | 0.8   | 21     | 0.1  | 0.1  | 0.0 |     |
|                                                       | -   | -   | 0.1 | -     | -     | -     | 0.1   | -     | -     | 0.1   | 0.1   | 0.1   | 0.3   | 0.2   | 0.3   | 0.3   | 0.3   | -     | 0.2   | 22     | 0.1  | 0.1  | 0.0 |     |
| <i>Retroperitoneum and peritoneum</i>                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | 2.8 | 2.0 | 0.4 | 0.1   | 0.2   | 0.2   | 0.1   | 0.4   | 0.8   | 0.5   | 0.7   | 2.2   | 2.1   | 2.9   | 2.5   | 3.7   | 5.6   | 2.6   | 2.5   | 207    | 1.2  | 1.0  | 0.1 |     |
|                                                       | 5.0 | 1.2 | 0.1 | 0.1   | -     | 0.1   | 0.2   | 0.4   | 0.4   | 0.5   | 1.2   | 1.6   | 1.8   | 3.3   | 2.8   | 3.6   | 3.9   | 2.6   | 2.7   | 268    | 1.4  | 0.9  | 0.1 |     |
| <i>Connective and other soft tissues</i>              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | 1.9 | 0.9 | 0.3 | 0.5   | 0.5   | 0.8   | 0.8   | 1.5   | 1.8   | 1.9   | 2.2   | 2.8   | 4.4   | 5.0   | 7.5   | 5.7   | 7.3   | 8.3   | 6.6   | 395    | 2.3  | 1.8  | 0.1 |     |
|                                                       | 1.0 | 0.2 | 0.1 | 0.5   | 0.6   | 0.4   | 1.3   | 1.2   | 1.3   | 1.7   | 3.3   | 2.3   | 3.2   | 5.6   | 5.8   | 5.0   | 7.6   | 5.3   | 2.7   | 495    | 2.5  | 1.6  | 0.1 |     |
| <i>Breast</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |     |     |
|                                                       | -   | -   | -   | -     | -     | -     | -     | 0.1   | 0.1   | 0.3   | 0.3   | 1.0   | 1.1   | 1.9   | 2.0   | 2.1   | 3.5   | 6.2   | 3.3   | 103    | 0.6  | 0.4  | 0.0 |     |
|                                                       | -   | -   | -   | -     | 0.1   | 0.6   | 6.7   | 17.2  | 39.9  | 68.4  | 93.7  | 110.2 | 130.1 | 167.5 | 177.7 | 143.0 | 145.2 | 95.5  | 74.9  | 13641  | 70.0 | 41.7 | 0.4 |     |

"- - no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**
**Rates for selected cancer sites by age groups, incidence**

Annex A - continued

| Age                                | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+   | Cases* | CR   | ASR  | ER   |            |
|------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|------|------------|
| <b>Vulva</b>                       |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C51</b> |
|                                    | -   | -   | -   | -     | -     | -     | -     | 0.2   | 0.4   | 0.5   | 0.5   | 0.5   | 1.2   | 2.1   | 4.1   | 5.9   | 10.6  | 15.1  | 13.6  | 9.5    | 524  | 2.7  | 1.1  | 0.1        |
| <b>Vagina</b>                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C52</b> |
|                                    | 0.5 | -   | -   | -     | -     | -     | -     | 0.1   | 0.2   | 0.3   | 0.4   | 0.5   | 1.3   | 0.9   | 1.2   | 1.6   | 2.0   | 1.8   | 2.6   | 1.0    | 133  | 0.7  | 0.4  | 0.0        |
| <b>Cervix uteri</b>                |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C53</b> |
|                                    | -   | -   | -   | -     | -     | 0.1   | 1.7   | 7.7   | 19.7  | 33.0  | 45.1  | 40.5  | 35.5  | 35.0  | 30.5  | 28.4  | 20.8  | 19.6  | 12.4  | 9.3    | 4101 | 21.1 | 15.0 | 0.2        |
| <b>Corpus uteri</b>                |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C54</b> |
|                                    | -   | -   | -   | -     | -     | 0.1   | -     | 0.8   | 2.8   | 6.0   | 15.9  | 34.4  | 59.1  | 84.3  | 94.2  | 97.6  | 65.5  | 60.0  | 28.3  | 18.3   | 6312 | 32.4 | 18.8 | 0.2        |
| <b>Uterus, NOS</b>                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C55</b> |
|                                    | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | 0.1   | 0.5   | 0.9   | 1.8   | 1.6   | 1.7   | 1.8   | 0.8   | 1.3   | 0.8   | 0.5    | 134  | 0.7  | 0.4  | 0.0        |
| <b>Ovary</b>                       |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C56</b> |
|                                    | 0.5 | -   | 0.4 | 0.9   | 2.6   | 1.8   | 4.8   | 6.0   | 12.0  | 18.7  | 26.5  | 30.7  | 36.4  | 38.2  | 40.0  | 32.5  | 30.8  | 19.1  | 9.0   | 3494   | 17.9 | 11.5 | 0.2  |            |
| <b>Other female genital organs</b> |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C57</b> |
|                                    | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | 0.1   | 0.4   | 0.7   | 0.7   | 0.9   | 1.3   | 1.2   | 0.5   | 0.6   | 0.8   | -      | 83   | 0.4  | 0.3  | 0.0        |
| <b>Placenta</b>                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C58</b> |
|                                    | -   | -   | -   | -     | -     | 0.3   | 0.8   | 0.4   | 0.3   | 0.4   | 0.2   | 0.1   | 0.1   | -     | -     | -     | -     | -     | -     | -      | 34   | 0.2  | 0.2  | 0.0        |
| <b>Penis</b>                       |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C60</b> |
|                                    | -   | -   | -   | -     | -     | -     | -     | -     | 0.4   | 0.2   | 0.4   | 1.2   | 1.5   | 1.5   | 3.5   | 3.6   | 5.3   | 7.0   | 3.6   | 10.8   | 191  | 1.1  | 0.8  | 0.1        |
| <b>Prostate gland</b>              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C61</b> |
|                                    | -   | -   | -   | -     | -     | 0.2   | -     | 0.1   | 0.1   | 1.0   | 3.9   | 13.4  | 43.4  | 109.2 | 240.0 | 307.7 | 341.1 | 258.2 | 215.3 | 6851   | 40.6 | 26.2 | 0.3  |            |
| <b>Testis</b>                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C62</b> |
|                                    | 0.9 | 0.6 | 0.1 | 0.4   | 1.6   | 3.0   | 4.9   | 7.0   | 5.3   | 3.3   | 3.4   | 1.5   | 1.0   | 2.2   | 1.2   | 2.0   | 2.1   | 2.1   | 3.3   | 474    | 2.8  | 2.4  | 0.1  |            |
| <b>Kidney</b>                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C64</b> |
|                                    | 1.9 | 1.9 | 0.8 | -     | -     | 0.2   | 0.8   | 1.5   | 5.6   | 8.8   | 18.0  | 26.4  | 39.2  | 52.1  | 62.9  | 53.8  | 46.6  | 31.7  | 26.5  | 2611   | 15.5 | 11.1 | 0.2  |            |
|                                    | 5.0 | 2.6 | 1.1 | 0.3   | 0.4   | 0.4   | 0.5   | 1.9   | 2.6   | 3.6   | 7.6   | 14.6  | 19.5  | 28.4  | 31.6  | 22.7  | 21.0  | 13.6  | 8.8   | 1916   | 9.8  | 5.9  | 0.2  |            |
| <b>Renal pelvis</b>                |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C65</b> |
|                                    | -   | -   | -   | -     | -     | 0.1   | -     | 0.1   | -     | 0.1   | 0.3   | 0.6   | 0.6   | 1.0   | 1.4   | 1.6   | 2.3   | 1.6   | -     | 59     | 0.4  | 0.2  | 0.0  |            |
|                                    | -   | -   | -   | -     | -     | -     | -     | 0.1   | -     | -     | 0.1   | -     | -     | 0.6   | 0.3   | 0.4   | 0.3   | 0.2   | -     | 22     | 0.1  | 0.1  | 0.0  |            |
| <b>Ureter</b>                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C66</b> |
|                                    | -   | -   | -   | -     | -     | -     | -     | 0.1   | -     | 0.1   | -     | 0.5   | 0.1   | 0.4   | 1.0   | 2.5   | 1.2   | 2.1   | 1.0   | -      | 53   | 0.3  | 0.2  | 0.0        |
|                                    | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | -     | 0.1   | -     | 0.4   | 0.4   | 0.2   | 0.6   | 0.7   | 0.6   | 0.2   | 31     | 0.2  | 0.1  | 0.0  |            |
| <b>Bladder</b>                     |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C67</b> |
|                                    | -   | 0.1 | -   | -     | -     | 0.2   | 1.0   | 1.4   | 2.0   | 3.9   | 9.6   | 19.1  | 33.6  | 61.2  | 100.4 | 118.4 | 133.6 | 114.3 | 90.3  | 3462   | 20.5 | 13.6 | 0.2  |            |
|                                    | -   | -   | -   | -     | -     | -     | 0.2   | 0.3   | 0.4   | 0.4   | 1.5   | 1.5   | 4.1   | 4.6   | 7.3   | 10.7  | 14.0  | 18.3  | 14.8  | 12.9   | 796  | 4.1  | 1.9  | 0.1        |
| <b>Eye and adnexa</b>              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      |      | <b>C69</b> |
|                                    | 0.9 | 0.9 | 0.2 | -     | -     | 0.2   | 0.2   | 0.3   | 0.5   | 0.4   | 0.8   | 0.8   | 0.6   | 1.4   | 2.0   | 1.8   | 1.9   | 3.1   | 0.8   | 107    | 0.6  | 0.5  | 0.1  |            |
|                                    | 3.0 | 0.5 | -   | -     | 0.1   | -     | 0.1   | 0.2   | 0.2   | 0.6   | 0.6   | 1.1   | 0.8   | 1.4   | 1.2   | 1.3   | 1.1   | 0.4   | 0.5   | 116    | 0.6  | 0.5  | 0.1  |            |

“-” - no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**
**Rates for selected cancer sites by age groups, incidence**

Annex A - continued

| Age                                                                 | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+  | Cases* | CR   | ASR | ER  |                   |
|---------------------------------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|------|-----|-----|-------------------|
| <i>Meninges and other parts of central nervous system</i>           |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C70-C72           |
| ♀                                                                   | 2.4 | 2.7 | 3.0 | 2.2   | 2.2   | 1.9   | 2.7   | 3.8   | 3.8   | 4.8   | 7.4   | 9.9   | 12.3  | 12.7  | 14.2  | 10.9  | 9.1   | 4.7   | 3.3  | 976    | 5.8  | 4.9 | 0.2 |                   |
| ♂                                                                   | 2.0 | 2.0 | 2.4 | 1.6   | 0.9   | 1.0   | 1.9   | 3.0   | 2.7   | 4.7   | 6.3   | 7.5   | 9.5   | 11.0  | 11.8  | 6.8   | 7.2   | 2.2   | 2.7  | 968    | 5.0  | 3.7 | 0.1 |                   |
| <i>of which: Brain</i>                                              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C71               |
| ♀                                                                   | 2.4 | 2.7 | 2.7 | 2.1   | 2.1   | 1.9   | 2.4   | 3.7   | 3.7   | 4.5   | 7.1   | 9.9   | 12.3  | 12.5  | 13.3  | 10.5  | 8.7   | 4.7   | 2.5  | 943    | 5.6  | 4.7 | 0.2 |                   |
| ♂                                                                   | 1.5 | 2.0 | 2.4 | 1.4   | 0.9   | 1.0   | 1.8   | 3.0   | 2.6   | 4.4   | 6.1   | 7.2   | 9.3   | 10.6  | 11.7  | 6.5   | 6.9   | 2.2   | 2.4  | 935    | 4.8  | 3.6 | 0.1 |                   |
| <i>Thyroid</i>                                                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C73               |
| ♀                                                                   | -   | -   | 0.1 | 0.7   | 1.0   | 1.5   | 1.9   | 2.5   | 3.6   | 4.3   | 4.5   | 6.2   | 8.5   | 7.8   | 8.9   | 5.5   | 5.4   | 3.1   | 1.7  | 605    | 3.6  | 2.8 | 0.1 |                   |
| ♂                                                                   | -   | -   | 0.2 | 1.6   | 4.1   | 5.9   | 9.9   | 16.1  | 15.0  | 16.6  | 18.1  | 21.6  | 23.4  | 21.3  | 19.4  | 11.3  | 7.8   | 3.9   | 2.9  | 2451   | 12.6 | 9.5 | 0.2 |                   |
| <i>Other endocrine glands</i>                                       |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C74-C75           |
| ♀                                                                   | 1.4 | 0.2 | -   | 0.1   | 0.1   | 0.2   | 0.1   | -     | 0.2   | 0.3   | 1.0   | 0.6   | 1.4   | 1.5   | 2.0   | 1.2   | 0.9   | 2.1   | -    | 89     | 0.5  | 0.4 | 0.0 |                   |
| ♂                                                                   | 1.0 | 0.6 | 0.2 | 0.3   | 0.4   | -     | 0.2   | 0.3   | 0.3   | 0.6   | 0.9   | 0.9   | 1.0   | 1.2   | 0.5   | 0.6   | 0.4   | 0.2   | 100  | 0.5    | 0.4  | 0.1 |     |                   |
| <i>Lymphomas and other immune- and lymphoproliferative diseases</i> |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C81-C85, C88, C90 |
| ♀                                                                   | 0.5 | 1.8 | 2.5 | 3.2   | 5.1   | 6.2   | 5.2   | 5.5   | 8.2   | 9.2   | 12.3  | 15.1  | 18.0  | 25.6  | 33.6  | 28.7  | 29.9  | 21.3  | 14.9 | 1860   | 11.0 | 8.8 | 0.2 |                   |
| ♂                                                                   | -   | 0.7 | 0.3 | 1.6   | 5.8   | 7.0   | 8.1   | 7.9   | 6.3   | 6.7   | 8.1   | 10.6  | 13.5  | 17.9  | 24.4  | 21.8  | 21.0  | 10.8  | 5.6  | 1939   | 10.0 | 7.0 | 0.2 |                   |
| <i>of which: Hodgkin lymphoma</i>                                   |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C81               |
| ♀                                                                   | -   | 0.6 | 1.0 | 1.7   | 3.3   | 4.3   | 3.4   | 3.2   | 2.4   | 2.8   | 2.9   | 2.7   | 2.4   | 2.1   | 2.7   | 1.4   | 2.6   | 2.6   | 0.8  | 431    | 2.6  | 2.4 | 0.1 |                   |
| ♂                                                                   | -   | 0.1 | 0.1 | 1.2   | 5.2   | 5.3   | 5.6   | 4.4   | 3.3   | 2.1   | 2.4   | 2.0   | 2.0   | 1.2   | 2.5   | 0.9   | 2.2   | 0.8   | 0.5  | 502    | 2.6  | 2.5 | 0.1 |                   |
| <i>non- Hodgkin lymphomas</i>                                       |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C82-C83, C85      |
| ♀                                                                   | 0.5 | 1.2 | 1.4 | 1.2   | 1.6   | 1.8   | 1.5   | 2.1   | 4.9   | 4.5   | 7.1   | 8.0   | 10.0  | 15.6  | 17.2  | 18.5  | 19.7  | 10.9  | 11.6 | 991    | 5.9  | 4.5 | 0.2 |                   |
| ♂                                                                   | -   | 0.5 | 0.2 | 0.4   | 0.5   | 1.5   | 2.5   | 3.4   | 2.7   | 3.3   | 4.1   | 6.1   | 7.1   | 10.1  | 14.9  | 13.5  | 12.1  | 7.7   | 4.4  | 996    | 5.1  | 3.2 | 0.1 |                   |
| <i>Multiple myeloma and plasma cell tumors</i>                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C90               |
| ♀                                                                   | -   | -   | -   | -     | -     | -     | -     | 0.2   | 0.6   | 1.2   | 2.0   | 4.0   | 4.9   | 6.8   | 12.3  | 8.0   | 6.3   | 6.8   | 2.5  | 368    | 2.2  | 1.5 | 0.1 |                   |
| ♂                                                                   | -   | -   | -   | -     | -     | 0.1   | -     | -     | 0.4   | 1.0   | 1.5   | 2.3   | 3.6   | 6.0   | 6.1   | 6.6   | 5.4   | 2.0   | 0.5  | 379    | 1.9  | 1.1 | 0.1 |                   |
| <i>Leukemias</i>                                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C91-C95           |
| ♀                                                                   | 7.1 | 9.6 | 4.3 | 3.9   | 1.8   | 1.7   | 1.9   | 2.1   | 2.8   | 4.4   | 7.1   | 12.0  | 15.8  | 24.5  | 36.9  | 36.3  | 38.4  | 28.1  | 29.0 | 1636   | 9.7  | 8.0 | 0.2 |                   |
| ♂                                                                   | 2.0 | 7.2 | 4.4 | 1.7   | 1.4   | 1.3   | 1.1   | 1.8   | 2.0   | 3.3   | 5.1   | 7.1   | 10.4  | 13.9  | 19.4  | 21.1  | 23.4  | 13.8  | 6.3  | 1431   | 7.3  | 5.1 | 0.2 |                   |
| <i>of which: Lymphoid leukemias</i>                                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C91               |
| ♀                                                                   | 4.7 | 7.5 | 3.5 | 2.9   | 1.0   | 0.6   | 0.5   | 0.8   | 1.2   | 1.9   | 3.2   | 6.2   | 8.0   | 12.9  | 18.7  | 21.1  | 23.2  | 17.7  | 14.9 | 890    | 5.3  | 4.6 | 0.2 |                   |
| ♂                                                                   | 1.0 | 5.7 | 3.3 | 0.8   | 0.5   | 0.5   | 0.3   | 0.1   | 0.6   | 1.1   | 1.9   | 2.8   | 4.4   | 5.6   | 8.2   | 12.0  | 12.8  | 8.1   | 4.4  | 686    | 3.5  | 2.5 | 0.1 |                   |
| <i>Myeloid leukemias</i>                                            |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C92               |
| ♀                                                                   | 0.5 | 1.5 | 0.5 | 1.0   | 0.4   | 0.6   | 0.6   | 1.0   | 1.1   | 1.1   | 2.1   | 2.6   | 4.4   | 7.0   | 10.3  | 7.4   | 9.6   | 3.1   | 9.1  | 414    | 2.5  | 2.0 | 0.1 |                   |
| ♂                                                                   | 1.0 | 0.9 | 1.0 | 0.8   | 0.6   | 0.2   | 0.6   | 1.1   | 0.8   | 1.5   | 2.2   | 2.5   | 3.3   | 5.0   | 6.2   | 5.7   | 5.4   | 3.0   | 0.5  | 440    | 2.3  | 1.6 | 0.1 |                   |
| <i>Leukemia of unspecified cell type</i>                            |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C95               |
| ♀                                                                   | 0.5 | 0.5 | 0.2 | -     | 0.2   | 0.3   | 0.3   | -     | 0.2   | 0.5   | 0.7   | 0.9   | 1.6   | 2.2   | 3.2   | 3.1   | 2.6   | 4.2   | 4.1  | 141    | 0.8  | 0.6 | 0.1 |                   |
| ♂                                                                   | -   | 0.5 | 0.1 | 0.1   | 0.2   | -     | 0.2   | 0.1   | 0.4   | 0.2   | 0.5   | 0.9   | 0.8   | 1.7   | 1.3   | 2.7   | 1.8   | 1.2   | 117  | 0.6    | 0.4  | 0.0 |     |                   |
| <i>Unknown primary site</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |      |     |     | C77-C80           |
| ♀                                                                   | -   | -   | -   | -     | -     | 0.1   | 0.3   | 1.2   | 1.8   | 4.4   | 7.5   | 15.1  | 27.6  | 39.1  | 54.5  | 59.5  | 59.7  | 51.4  | 30.6 | 2041   | 12.1 | 8.2 | 0.2 |                   |
| ♂                                                                   | -   | -   | -   | -     | 0.3   | 0.2   | 0.4   | 0.6   | 1.3   | 2.1   | 3.9   | 5.7   | 10.7  | 16.5  | 21.0  | 28.6  | 31.2  | 26.4  | 16.6 | 1502   | 7.7  | 3.6 | 0.1 |                   |

"—" - no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**

**Rates for selected cancer sites by age groups, mortality**

**Annex B**

| Age                                             | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69  | 70-74  | 75-79  | 80-84 | 85+   | Cases* | CR    | ASR   | ER   |                                      |
|-------------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|--------|-------|-------|------|--------------------------------------|
| <b>All sites</b>                                |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C00-C96</b>                       |
| ♀                                               | 5.7 | 6.7 | 3.3 | 3.4   | 4.9   | 6.2   | 9.8   | 15.4  | 32.3  | 59.6  | 131.5 | 263.1 | 474.1 | 717.3 | 1006.3 | 1069.2 | 1245.6 | 968.5 | 851.3 | 37719  | 223.8 | 151.4 | 0.8  |                                      |
| ♂                                               | 4.0 | 4.2 | 2.5 | 2.5   | 4.2   | 5.1   | 9.4   | 19.9  | 37.1  | 66.0  | 106.2 | 158.5 | 236.8 | 310.6 | 425.7  | 437.1  | 539.0  | 431.3 | 367.5 | 29470  | 151.3 | 77.0  | 0.5  |                                      |
| <b>All sites, non-melanoma of skin excluded</b> |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C00-C96 (C44, C46.0 excluded)</b> |
| ♀                                               | 5.7 | 6.7 | 3.3 | 3.3   | 4.9   | 6.2   | 9.8   | 15.3  | 32.3  | 59.3  | 130.9 | 261.9 | 472.5 | 714.7 | 1002.2 | 1062.4 | 1233.2 | 951.9 | 829.7 | 37481  | 222.4 | 150.5 | 0.8  |                                      |
| ♂                                               | 4.0 | 4.2 | 2.5 | 2.5   | 4.1   | 5.1   | 9.4   | 19.9  | 37.1  | 66.0  | 105.9 | 158.1 | 236.3 | 310.0 | 423.7  | 435.7  | 534.9  | 423.6 | 355.3 | 29288  | 150.3 | 76.7  | 0.5  |                                      |
| <b>Lip</b>                                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C00</b>                           |
| ♀                                               | -   | -   | -   | -     | -     | -     | -     | -     | -     | 0.1   | 0.3   | 0.4   | 0.8   | 2.0   | 2.0    | 2.1    | 3.7    | 4.2   | 5.0   | 89     | 0.5   | 0.3   | 0.0  |                                      |
| ♂                                               | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0.2    | 0.4    | 0.6    | 0.4   | 3.2   | 26     | 0.1   | 0.0   | 0.0  |                                      |
| <b>Oral cavity</b>                              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C01-C08, C46.2</b>                |
| ♀                                               | -   | -   | -   | -     | -     | -     | 0.2   | 0.1   | 1.3   | 3.2   | 9.0   | 15.3  | 23.3  | 27.6  | 35.3   | 17.4   | 16.4   | 6.8   | 7.5   | 1243   | 7.4   | 5.3   | 0.2  |                                      |
| ♂                                               | -   | -   | -   | -     | -     | -     | 0.1   | 0.1   | 0.2   | 0.6   | 0.9   | 1.5   | 1.8   | 2.5   | 2.3    | 1.2    | 3.9    | 4.1   | 3.7   | 206    | 1.1   | 0.5   | 0.0  |                                      |
| <b>Pharynx</b>                                  |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C09-C14</b>                       |
| ♀                                               | -   | -   | -   | 0.2   | 0.2   | 0.2   | 0.1   | 0.2   | 1.5   | 4.0   | 9.0   | 18.1  | 27.9  | 34.2  | 34.5   | 21.1   | 16.8   | 12.5  | 9.1   | 1438   | 8.5   | 6.1   | 0.2  |                                      |
| ♂                                               | -   | 0.1 | -   | -     | 0.1   | 0.1   | 0.1   | 0.1   | 0.4   | 0.5   | 1.2   | 0.9   | 1.4   | 1.9   | 1.2    | 1.2    | 1.8    | 1.0   | 1.0   | 138    | 0.7   | 0.4   | 0.0  |                                      |
| <b>Esophagus</b>                                |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C15</b>                           |
| ♀                                               | -   | -   | -   | -     | -     | -     | -     | -     | 0.3   | 2.1   | 5.9   | 13.4  | 21.9  | 29.0  | 28.2   | 22.6   | 19.7   | 16.6  | 5.8   | 1168   | 6.9   | 4.8   | 0.1  |                                      |
| ♂                                               | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | 0.1   | 0.2   | 0.7   | 0.9   | 2.0   | 1.6    | 2.3    | 1.5    | 2.6   | 2.4   | 127    | 0.7   | 0.3   | 0.0  |                                      |
| <b>Stomach</b>                                  |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C16</b>                           |
| ♀                                               | -   | -   | -   | -     | -     | -     | 0.1   | 0.5   | 2.0   | 4.5   | 6.9   | 14.4  | 26.1  | 50.2  | 73.9   | 104.3  | 121.7  | 137.3 | 108.1 | 87.8   | 4012  | 23.8  | 15.9 | 0.3                                  |
| ♂                                               | -   | -   | -   | -     | -     | -     | 0.3   | 1.0   | 1.0   | 3.4   | 5.4   | 7.7   | 10.9  | 14.3  | 21.3   | 27.7   | 42.9   | 56.6  | 44.7  | 31.7   | 2402  | 12.3  | 5.8  | 0.1                                  |
| <b>Small intestine</b>                          |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C17</b>                           |
| ♀                                               | -   | -   | -   | -     | -     | -     | -     | 0.1   | -     | -     | 0.2   | 0.3   | 0.7   | 1.0   | 0.9    | 1.6    | 1.6    | 3.0   | 0.5   | 1.7    | 69    | 0.4   | 0.3  | 0.0                                  |
| ♂                                               | -   | -   | -   | -     | -     | -     | -     | 0.1   | 0.1   | -     | 0.2   | 0.1   | 0.9   | 0.3   | 1.1    | 1.1    | 0.7    | 0.6   | 1.0   | 57     | 0.3   | 0.1   | 0.0  |                                      |
| <b>Colon</b>                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C18</b>                           |
| ♀                                               | -   | -   | -   | -     | -     | -     | 0.2   | 0.2   | 0.6   | 1.2   | 1.9   | 5.0   | 11.5  | 20.5  | 38.7   | 63.8   | 77.2   | 104.1 | 92.0  | 101.0  | 2333  | 13.8  | 9.0  | 0.2                                  |
| ♂                                               | -   | -   | -   | -     | -     | -     | 0.2   | 0.5   | 1.0   | 2.8   | 5.6   | 7.3   | 15.2  | 23.2  | 36.8   | 46.3   | 59.1   | 51.4  | 43.2  | 2485   | 12.8  | 5.6   | 0.1  |                                      |
| <b>Rectum, anus</b>                             |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C19-C21</b>                       |
| ♀                                               | -   | -   | -   | -     | -     | 0.1   | 0.3   | 0.1   | 0.6   | 1.2   | 1.6   | 4.6   | 12.3  | 23.2  | 46.1   | 73.5   | 81.9   | 106.7 | 101.3 | 65.4   | 2498  | 14.8  | 9.7  | 0.2                                  |
| ♂                                               | -   | -   | -   | -     | -     | -     | 0.2   | 0.6   | 1.1   | 2.2   | 3.8   | 8.4   | 13.2  | 20.7  | 27.4   | 35.9   | 50.1   | 38.0  | 26.6  | 2018   | 10.4  | 4.6   | 0.1  |                                      |
| <b>Liver and intrahepatic bile ducts</b>        |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C22</b>                           |
| ♀                                               | -   | 0.4 | 0.1 | -     | -     | 0.1   | 0.3   | 0.7   | 1.1   | 2.6   | 4.7   | 9.3   | 12.5  | 12.4  | 15.8   | 17.5   | 15.1   | 12.4  | 609   | 3.6    | 2.4   | 0.1   |      |                                      |
| ♂                                               | -   | -   | 0.1 | 0.1   | 0.2   | 0.3   | 0.1   | 0.4   | 0.6   | 1.3   | 2.3   | 3.2   | 5.2   | 7.7   | 6.9    | 8.8    | 8.3    | 8.3   | 475   | 2.4    | 1.2   | 0.1   |      |                                      |
| <b>Gallbladder and extrahepatic bile ducts</b>  |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C23-C24</b>                       |
| ♀                                               | -   | -   | -   | -     | -     | -     | -     | 0.2   | 0.3   | 0.2   | 0.5   | 1.3   | 2.7   | 3.2   | 7.5    | 8.4    | 11.2   | 6.2   | 6.6   | 243    | 1.4   | 0.9   | 0.1  |                                      |
| ♂                                               | -   | 0.1 | -   | -     | -     | -     | -     | -     | 0.1   | 0.1   | 0.9   | 1.2   | 2.6   | 4.1   | 6.9    | 8.5    | 10.2   | 8.3   | 5.9   | 421    | 2.2   | 1.0   | 0.1  |                                      |
| <b>Pancreas</b>                                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |        |       |       |      | <b>C25</b>                           |
| ♀                                               | -   | -   | -   | -     | -     | -     | 0.2   | 0.5   | 0.8   | 1.3   | 4.4   | 8.2   | 16.7  | 27.9  | 35.1   | 54.5   | 53.0   | 50.1  | 33.8  | 29.0   | 1914  | 11.4  | 7.8  | 0.2                                  |
| ♂                                               | -   | -   | -   | -     | -     | -     | 0.1   | 0.2   | 1.0   | 1.7   | 2.7   | 4.8   | 11.7  | 15.8  | 25.7   | 28.3   | 37.0   | 27.0  | 19.8  | 1560   | 8.0   | 3.6   | 0.1  |                                      |

"- no cases registered; 0,0 - rate less than 0,05

\* does not include cases of Donetsk oblast, Luhansk oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**

**Rates for selected cancer sites by age groups, mortality**

**Annex B - continued**

| Age                                                   | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+   | Cases* | CR   | ASR  | ER                          |     |     |
|-------------------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|-----------------------------|-----|-----|
| <i>Nasal cavity, accessory sinuses and middle ear</i> |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C30-C31</b>              |     |     |
| ♂                                                     | -   | 0.2 | -   | -     | -     | -     | -     | 0.1   | 0.1   | 0.2   | 0.9   | 1.2   | 1.8   | 2.4   | 3.4   | 2.3   | 3.5   | 2.1   | 2.5   | 127    | 0.8  | 0.5  | 0.0                         |     |     |
| ♀                                                     | -   | -   | -   | -     | -     | -     | -     | 0.1   | -     | 0.1   | -     | 0.3   | 0.4   | 0.9   | 0.5   | 0.8   | 1.0   | 1.3   | 1.0   | 1.2    | 70   | 0.4  | 0.2                         | 0.0 |     |
| <i>Larynx</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C32</b>                  |     |     |
| ♂                                                     | -   | -   | -   | -     | -     | -     | -     | 0.1   | 0.7   | 1.3   | 4.5   | 10.2  | 19.0  | 27.0  | 33.2  | 26.7  | 26.2  | 19.2  | 13.2  | 1150   | 6.8  | 4.7  | 0.1                         |     |     |
| ♀                                                     | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | -     | 0.2   | 0.1   | 0.2   | 0.6   | 0.4   | 0.3   | 0.7   | 0.4   | 0.5   | 33     | 0.2  | 0.1  | 0.0                         |     |     |
| <i>Trachea, bronchus and lung</i>                     |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C33-C34</b>              |     |     |
| ♂                                                     | -   | -   | -   | 0.1   | 0.3   | 0.2   | 0.5   | 0.8   | 3.4   | 10.8  | 24.7  | 65.6  | 121.8 | 191.7 | 250.5 | 256.2 | 272.6 | 160.6 | 117.6 | 8736   | 51.8 | 35.0 | 0.4                         |     |     |
| ♀                                                     | -   | -   | -   | -     | 0.1   | 0.2   | 0.2   | 0.8   | 1.2   | 2.3   | 5.1   | 8.8   | 12.4  | 18.8  | 28.5  | 28.7  | 35.3  | 29.1  | 28.3  | 1782   | 9.1  | 4.4  | 0.1                         |     |     |
| <i>Thymus</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C37</b>                  |     |     |
| ♂                                                     | -   | -   | -   | -     | -     | 0.1   | 0.2   | -     | 0.2   | 0.2   | 0.2   | 0.3   | 0.3   | 0.2   | 0.5   | 0.6   | 0.2   | -     | -     | 26     | 0.2  | 0.1  | 0.0                         |     |     |
| ♀                                                     | -   | -   | -   | 0.1   | -     | -     | -     | 0.1   | -     | 0.2   | 0.1   | 0.1   | 0.2   | 0.4   | 0.3   | 0.2   | -     | -     | -     | 21     | 0.1  | 0.1  | 0.0                         |     |     |
| <i>Heart, mediastinum</i>                             |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C38 (C38.4 excluded)</b> |     |     |
| ♂                                                     | -   | 0.1 | -   | 0.1   | 0.1   | 0.1   | 0.1   | 0.2   | 0.2   | 0.5   | 0.2   | 1.0   | 1.1   | 1.6   | 2.0   | 0.4   | 0.9   | 1.6   | 0.8   | 79     | 0.5  | 0.4  | 0.0                         |     |     |
| ♀                                                     | 0.5 | -   | -   | 0.1   | -     | -     | -     | 0.1   | -     | 0.1   | 0.2   | 0.3   | 0.1   | 0.2   | 0.9   | 0.9   | 0.1   | 0.2   | 0.5   | 37     | 0.2  | 0.1  | 0.0                         |     |     |
| <i>Pleura</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C38.4, C45.0</b>         |     |     |
| ♂                                                     | -   | -   | -   | -     | -     | -     | -     | 0.1   | 0.1   | -     | -     | 0.5   | 0.4   | 0.7   | 1.1   | 1.6   | 2.3   | 1.0   | 2.3   | 0.5    | 1.7  | 80   | 0.5                         | 0.3 | 0.0 |
| ♀                                                     | 0.5 | -   | -   | -     | -     | 0.1   | -     | -     | -     | -     | -     | 0.2   | 0.2   | 0.1   | 0.5   | 0.9   | 0.8   | 1.3   | 0.8   | 0.2    | 49   | 0.3  | 0.1                         | 0.0 |     |
| <i>Bones, joints and articular cartilage</i>          |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C40-C41</b>              |     |     |
| ♂                                                     | -   | -   | 0.2 | -     | 1.1   | 0.5   | 0.3   | 0.3   | 0.3   | 0.6   | 0.7   | 0.6   | 0.9   | 1.3   | 2.8   | 1.8   | 1.4   | 2.6   | 0.8   | 114    | 0.7  | 0.6  | 0.1                         |     |     |
| ♀                                                     | -   | -   | -   | 0.3   | 0.5   | 0.5   | 0.3   | 0.1   | 0.3   | 0.2   | 0.3   | 0.7   | 0.5   | 0.5   | 0.8   | 1.4   | 1.7   | 1.6   | 1.0   | 103    | 0.5  | 0.4  | 0.0                         |     |     |
| <i>Melanoma of skin</i>                               |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C43</b>                  |     |     |
| ♂                                                     | -   | -   | -   | -     | -     | 0.2   | 0.6   | 0.7   | 1.6   | 2.6   | 3.6   | 3.8   | 5.4   | 8.6   | 9.4   | 11.9  | 11.9  | 6.2   | 11.6  | 492    | 2.9  | 2.0  | 0.1                         |     |     |
| ♀                                                     | -   | -   | -   | -     | -     | 0.1   | 0.2   | 0.5   | 1.3   | 0.7   | 1.8   | 2.4   | 2.8   | 2.9   | 4.3   | 6.8   | 4.2   | 5.5   | 6.1   | 6.8    | 441  | 2.3  | 1.3                         | 0.1 |     |
| <i>Non-melanoma of skin</i>                           |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C44, C46.0</b>           |     |     |
| ♂                                                     | -   | -   | -   | 0.1   | -     | -     | -     | 0.1   | -     | 0.2   | 0.5   | 1.2   | 1.6   | 2.6   | 4.1   | 6.8   | 12.4  | 16.6  | 21.5  | 238    | 1.4  | 0.9  | 0.1                         |     |     |
| ♀                                                     | -   | -   | -   | -     | 0.1   | -     | -     | 0.1   | -     | -     | 0.3   | 0.4   | 0.4   | 0.6   | 2.0   | 1.3   | 4.2   | 7.7   | 12.2  | 182    | 0.9  | 0.3  | 0.0                         |     |     |
| <i>Mesothelioma (pleura excluded)</i>                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C45.1-9</b>              |     |     |
| ♂                                                     | -   | -   | -   | -     | -     | -     | -     | 0.1   | -     | -     | 0.1   | 0.1   | 0.3   | 0.4   | 0.2   | 0.4   | 0.5   | 1.0   | 0.8   | 18     | 0.1  | 0.1  | 0.0                         |     |     |
| ♀                                                     | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | 0.2   | 0.1   | -     | 0.1   | 0.2   | -     | 0.3   | 0.3   | -     | 13     | 0.1  | 0.0  | 0.0                         |     |     |
| <i>Retroperitoneum and peritoneum</i>                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C48</b>                  |     |     |
| ♂                                                     | 0.5 | 1.3 | 0.3 | -     | 0.2   | 0.2   | 0.1   | 0.1   | 0.5   | 0.3   | 0.5   | 1.2   | 1.2   | 2.7   | 2.1   | 2.7   | 4.7   | 3.6   | 4.1   | 149    | 0.9  | 0.7  | 0.1                         |     |     |
| ♀                                                     | 0.5 | 0.2 | 0.2 | -     | -     | 0.1   | 0.1   | 0.1   | 0.4   | 0.7   | 1.0   | 1.6   | 2.1   | 3.5   | 2.4   | 3.1   | 2.4   | 2.2   | 2.2   | 191    | 1.0  | 0.5  | 0.0                         |     |     |
| <i>Connective and other soft tissues</i>              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C 46.1, C49</b>          |     |     |
| ♂                                                     | -   | 0.1 | 0.2 | 0.1   | 0.2   | 0.3   | 0.4   | 0.8   | 1.0   | 1.0   | 1.2   | 1.5   | 2.9   | 3.3   | 3.6   | 3.3   | 5.1   | 1.0   | 6.6   | 216    | 1.3  | 0.9  | 0.1                         |     |     |
| ♀                                                     | -   | 0.4 | 0.1 | 0.1   | 0.2   | 0.2   | 0.5   | 0.2   | 0.3   | 0.5   | 0.9   | 1.2   | 1.2   | 1.7   | 3.7   | 2.7   | 3.0   | 3.0   | 2.7   | 210    | 1.1  | 0.6  | 0.1                         |     |     |
| <i>Breast</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |      |      | <b>C50</b>                  |     |     |
| ♂                                                     | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | 0.1   | 0.3   | 0.5   | 0.9   | 0.4   | 1.4   | 1.4   | 2.1   | 1.6   | -     | 52     | 0.3  | 0.2  | 0.0                         |     |     |
| ♀                                                     | -   | -   | -   | -     | -     | -     | -     | 0.6   | 3.7   | 8.0   | 14.5  | 23.6  | 38.8  | 57.2  | 68.1  | 87.4  | 75.5  | 93.2  | 65.7  | 71.2   | 5874 | 30.2 | 15.7                        | 0.2 |     |

"- no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**

**Rates for selected cancer sites by age groups, mortality**

**Annex B - continued**

| Age                                | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+   | Cases* | CR    | ASR  | ER         |      |     |     |     |
|------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|------|------------|------|-----|-----|-----|
| <b>Vulva</b>                       |     |     |     |       |       |       |       |       | 0.4   | 0.1   | 0.2   | 0.7   | 1.0   | 1.6   | 2.8   | 4.2   | 6.1   | 7.7   | 7.8   | 244    | 1.3   | 0.5  | 0.0        |      |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C51</b> |      |     |     |     |
| <b>Vagina</b>                      |     |     |     |       |       |       |       |       | 0.1   | -     | -     | 0.1   | 0.1   | 0.3   | 0.3   | 0.6   | 0.7   | 1.4   | 0.9   | 1.4    | 0.7   | 58   | 0.3        | 0.1  | 0.0 |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C52</b> |      |     |     |     |
| <b>Cervix uteri</b>                |     |     |     |       |       |       |       |       | 0.2   | 1.5   | 3.5   | 7.9   | 14.9  | 17.2  | 17.1  | 16.0  | 16.7  | 16.6  | 13.7  | 12.7   | 13.0  | 15.4 | 1807       | 9.3  | 5.9 | 0.1 |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C53</b> |      |     |     |     |
| <b>Corpus uteri</b>                |     |     |     |       |       |       |       |       | 0.1   | 0.6   | 1.5   | 4.0   | 7.0   | 16.5  | 21.0  | 29.3  | 26.6  | 29.2  | 21.5  | 15.4   | 1637  | 8.4  | 4.1        | 0.1  |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C54</b> |      |     |     |     |
| <b>Uterus, NOS</b>                 |     |     |     |       |       |       |       |       | 0.1   | -     | 0.2   | 0.6   | 1.0   | 1.0   | 1.7   | 0.5   | 1.0   | 0.8   | 0.7   | 76     | 0.4   | 0.2  | 0.0        |      |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C55</b> |      |     |     |     |
| <b>Ovary</b>                       |     |     |     |       |       |       |       |       | 0.5   | 0.1   | 0.1   | -     | 0.2   | 0.2   | 0.6   | 1.0   | 1.7   | 0.5   | 1.0   | 0.8    | 0.7   | 76   | 0.4        | 0.2  | 0.0 |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C56</b> |      |     |     |     |
| <b>Other female genital organs</b> |     |     |     |       |       |       |       |       | 0.2   | 0.2   | 0.3   | 1.6   | 2.5   | 5.0   | 10.2  | 16.0  | 20.7  | 25.0  | 25.4  | 23.2   | 23.8  | 14.2 | 9.5        | 1886 | 9.7 | 5.5 | 0.1 |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C57</b> |      |     |     |     |
| <b>Placenta</b>                    |     |     |     |       |       |       |       |       | 0.1   | -     | 0.1   | -     | 0.1   | -     | -     | -     | -     | -     | -     | 3      | 0.0   | 0.0  | 0.0        |      |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C58</b> |      |     |     |     |
| <b>Penis</b>                       |     |     |     |       |       |       |       |       | 0.1   | -     | 0.1   | -     | 0.1   | -     | -     | -     | -     | -     | -     | 67     | 0.4   | 0.3  | 0.0        |      |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C60</b> |      |     |     |     |
| <b>Prostate gland</b>              |     |     |     |       |       |       |       |       | 0.1   | 0.2   | 0.4   | 0.8   | 0.5   | 1.5   | 1.1   | 1.8   | 1.9   | 2.6   | 0.8   | 67     | 0.4   | 0.3  | 0.0        |      |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C61</b> |      |     |     |     |
| <b>Testis</b>                      |     |     |     |       |       |       |       |       | 0.5   | -     | 0.4   | 0.7   | 0.8   | 5.0   | 15.6  | 40.5  | 91.5  | 128.5 | 181.3 | 178.2  | 170.6 | 3119 | 18.5       | 11.4 | 0.2 |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C62</b> |      |     |     |     |
| <b>Kidney</b>                      |     |     |     |       |       |       |       |       | 0.4   | 0.7   | 0.8   | 1.0   | 1.4   | 0.5   | 1.0   | 0.6   | 0.5   | 1.0   | 0.5   | 1.0    | 0.9   | 2.6  | 0.8        | 117  | 0.7 | 0.6 | 0.1 |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      | <b>C64</b> |      |     |     |     |
|                                    | -   | -   | 0.3 | -     | -     | 0.1   | 0.1   | 0.1   | 0.7   | 2.0   | 6.4   | 10.3  | 19.6  | 25.6  | 36.9  | 34.7  | 36.7  | 21.3  | 23.2  | 1304   | 7.7   | 5.3  | 0.2        |      |     |     |     |
|                                    | 1.0 | 0.5 | 0.2 | 0.3   | -     | 0.1   | 0.1   | -     | 0.1   | 0.5   | 1.3   | 3.0   | 4.8   | 8.4   | 13.3  | 10.3  | 15.3  | 9.6   | 6.3   | 684    | 3.5   | 1.8  | 0.1        |      |     |     |     |
| <b>Renal pelvis</b>                |     |     |     |       |       |       |       |       | 0.1   | -     | -     | -     | 0.3   | 0.4   | 0.4   | 1.2   | 1.6   | 0.9   | 1.0   | 0.8    | 35    | 0.2  | 0.1        | 0.0  |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       | 0.1   | -     | 0.1   | 0.4   | 0.2   | 0.2   | 0.4   | 0.6    | 20    | 0.1  | 0.0        | 0.0  |     |     |     |
| <b>Ureter</b>                      |     |     |     |       |       |       |       |       | 0.1   | -     | -     | -     | 0.3   | 0.5   | 1.1   | 0.6   | 0.7   | 0.5   | 0.8   | 23     | 0.1   | 0.1  | 0.0        |      |     |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       | 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.2   | 12     | 0.1   | 0.0  | 0.0        |      |     |     |     |
| <b>Bladder</b>                     |     |     |     |       |       |       |       |       | 0.1   | 0.2   | 0.5   | 0.6   | 2.4   | 4.3   | 10.9  | 21.5  | 38.2  | 60.1  | 73.5  | 73.3   | 75.4  | 1485 | 8.8        | 5.6  | 0.1 |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       | 0.1   | 0.1   | 0.3   | 0.4   | 0.5   | 3.6   | 7.8   | 11.0   | 8.3   | 275  | 1.4        | 0.5  | 0.0 |     |     |
| <b>Eye and adnexa</b>              |     |     |     |       |       |       |       |       | 0.1   | -     | 0.1   | -     | 0.1   | 0.2   | 0.3   | 1.0   | 1.6   | 1.0   | 1.2   | 1.0    | 1.7   | 46   | 0.3        | 0.2  | 0.0 |     |     |
|                                    |     |     |     |       |       |       |       |       |       |       |       |       | 0.1   | -     | 0.2   | 0.3   | 0.4   | 0.5   | 0.7   | 0.8    | 0.4   | 46   | 0.2        | 0.1  | 0.0 |     |     |

"- no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk and Luhansk oblast, AR Krym, Sevastopol city

**Adjusted rates 2014**

**Rates for selected cancer sites by age groups, mortality**

**Annex B - continued**

| Age                                                                 | 0+  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+  | Cases* | CR  | ASR | ER  |                          |
|---------------------------------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|-----|-----|-----|--------------------------|
| <b>Meninges and other parts of central nervous system</b>           |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C70-C72</b>           |
| ♀                                                                   | 0.5 | 1.8 | 1.6 | 1.3   | 0.4   | 0.7   | 1.2   | 1.9   | 2.4   | 3.7   | 6.4   | 6.6   | 13.0  | 11.2  | 13.3  | 11.1  | 9.6   | 3.6   | 2.5  | 764    | 4.5 | 3.6 | 0.1 |                          |
| ♂                                                                   | 0.5 | 0.9 | 0.9 | 0.6   | 0.8   | 0.7   | 0.8   | 1.4   | 2.5   | 2.8   | 3.4   | 5.9   | 7.7   | 8.1   | 10.8  | 5.1   | 6.0   | 2.0   | 2.7  | 701    | 3.6 | 2.5 | 0.1 |                          |
| <i>of which: Brain</i>                                              |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C71</b>               |
| ♀                                                                   | 0.5 | 1.6 | 1.5 | 1.2   | 0.4   | 0.7   | 1.2   | 1.7   | 2.4   | 3.6   | 6.4   | 6.5   | 12.9  | 11.0  | 12.4  | 10.7  | 9.4   | 3.6   | 1.7  | 742    | 4.4 | 3.5 | 0.1 |                          |
| ♂                                                                   | 0.5 | 0.9 | 0.9 | 0.6   | 0.6   | 0.7   | 0.8   | 1.4   | 2.4   | 2.6   | 3.3   | 5.7   | 7.5   | 7.7   | 10.8  | 5.0   | 5.7   | 2.0   | 2.4  | 681    | 3.5 | 2.4 | 0.1 |                          |
| <i>Thyroid</i>                                                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C73</b>               |
| ♀                                                                   | -   | -   | -   | -     | -     | -     | 0.1   | 0.1   | 0.2   | -     | 0.3   | 0.7   | 1.6   | 2.2   | 2.1   | 2.7   | 2.1   | 2.6   | -    | 94     | 0.6 | 0.4 | 0.0 |                          |
| ♂                                                                   | -   | -   | -   | -     | -     | 0.2   | -     | -     | 0.1   | 0.5   | 0.2   | 0.7   | 1.0   | 1.5   | 2.9   | 3.0   | 3.3   | 3.0   | 3.2  | 166    | 0.9 | 0.4 | 0.0 |                          |
| <i>Other endocrine glands</i>                                       |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C74-C75</b>           |
| ♀                                                                   | 0.5 | 0.2 | 0.1 | -     | 0.1   | -     | -     | 0.1   | 0.2   | 0.4   | 0.3   | 1.0   | 0.9   | 1.2   | 0.8   | 0.2   | 1.6   | -     | 51   | 0.3    | 0.2 | 0.0 |     |                          |
| ♂                                                                   | -   | 0.1 | 0.2 | -     | 0.1   | -     | 0.1   | 0.1   | -     | 0.1   | 0.2   | 0.4   | 0.4   | 0.5   | 0.3   | 0.4   | 0.6   | 0.4   | 0.5  | 44     | 0.2 | 0.2 | 0.0 |                          |
| <i>Lymphomas and other immune- and lymphoproliferative diseases</i> |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C81-C85, C88, C90</b> |
| ♀                                                                   | 0.5 | 0.2 | 0.2 | 0.1   | 0.5   | 0.6   | 2.0   | 2.1   | 2.9   | 3.1   | 6.3   | 8.3   | 12.5  | 14.4  | 19.4  | 20.7  | 22.9  | 13.5  | 11.6 | 955    | 5.7 | 4.0 | 0.1 |                          |
| ♂                                                                   | -   | 0.1 | -   | -     | 0.3   | 1.0   | 1.3   | 1.9   | 1.6   | 3.2   | 4.1   | 3.1   | 6.8   | 9.0   | 12.4  | 14.1  | 12.6  | 7.5   | 4.1  | 849    | 4.4 | 2.5 | 0.1 |                          |
| <i>of which: Hodgkin lymphoma</i>                                   |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C81</b>               |
| ♀                                                                   | -   | -   | -   | 0.1   | 0.2   | 0.2   | 1.2   | 1.2   | 0.5   | 1.0   | 1.3   | 2.2   | 1.4   | 1.5   | 2.1   | 1.6   | 3.0   | 1.0   | 0.8  | 166    | 1.0 | 0.7 | 0.1 |                          |
| ♂                                                                   | -   | -   | -   | -     | 0.3   | 0.5   | 0.5   | 0.9   | 0.5   | 1.2   | 1.0   | 0.4   | 0.5   | 0.8   | 1.1   | 1.3   | 0.8   | 0.2   | 0.2  | 120    | 0.6 | 0.5 | 0.0 |                          |
| <i>non-Hodgkin lymphomas</i>                                        |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C82-C83, C85</b>      |
| ♀                                                                   | 0.5 | 0.1 | 0.1 | -     | 0.3   | 0.3   | 0.6   | 1.0   | 2.1   | 1.3   | 3.8   | 3.8   | 7.5   | 8.5   | 9.2   | 13.1  | 14.0  | 9.4   | 9.1  | 537    | 3.2 | 2.2 | 0.1 |                          |
| ♂                                                                   | -   | -   | -   | -     | -     | 0.4   | 0.7   | 0.8   | 0.7   | 1.3   | 2.2   | 1.8   | 3.6   | 4.1   | 5.8   | 8.3   | 7.6   | 6.1   | 3.7  | 456    | 2.3 | 1.3 | 0.1 |                          |
| <i>Multiple myeloma and plasma cell tumors</i>                      |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C90</b>               |
| ♀                                                                   | -   | -   | -   | -     | -     | -     | -     | -     | 0.2   | 0.5   | 1.0   | 2.3   | 3.3   | 4.1   | 7.3   | 5.9   | 4.9   | 2.1   | 1.7  | 220    | 1.3 | 0.9 | 0.1 |                          |
| ♂                                                                   | -   | -   | -   | -     | -     | -     | -     | -     | 0.1   | 0.3   | 0.6   | 0.8   | 0.7   | 2.4   | 3.7   | 5.2   | 4.1   | 3.6   | 1.2  | 241    | 1.2 | 0.7 | 0.0 |                          |
| <i>Leukemias</i>                                                    |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C91-C95</b>           |
| ♀                                                                   | 1.4 | 2.2 | 0.3 | 1.1   | 1.1   | 1.1   | 1.2   | 1.1   | 1.7   | 1.9   | 3.0   | 4.4   | 9.5   | 14.1  | 23.8  | 23.2  | 31.1  | 19.7  | 20.7 | 912    | 5.4 | 4.0 | 0.1 |                          |
| ♂                                                                   | 0.5 | 1.6 | 0.6 | 0.8   | 0.8   | 1.0   | 0.7   | 1.2   | 1.6   | 1.7   | 2.8   | 4.5   | 6.6   | 8.3   | 13.5  | 15.0  | 14.8  | 11.6  | 5.6  | 894    | 4.6 | 2.7 | 0.1 |                          |
| <i>of which: Lymphoid leukemias</i>                                 |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C91</b>               |
| ♀                                                                   | 0.5 | 1.3 | 0.3 | 0.7   | 0.6   | 0.3   | 0.6   | 0.4   | 0.8   | 0.6   | 1.0   | 2.0   | 4.8   | 5.6   | 13.0  | 15.0  | 16.8  | 12.0  | 10.8 | 460    | 2.7 | 2.0 | 0.1 |                          |
| ♂                                                                   | -   | 1.1 | 0.1 | 0.3   | 0.3   | 0.5   | 0.2   | 0.4   | 0.4   | 0.8   | 1.4   | 2.0   | 2.9   | 5.9   | 7.6   | 7.2   | 6.3   | 3.4   | 370  | 1.9    | 1.1 | 0.1 |     |                          |
| <i>Myeloid leukemias</i>                                            |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C92</b>               |
| ♀                                                                   | 0.5 | 0.6 | -   | 0.1   | 0.4   | 0.6   | 0.3   | 0.6   | 0.5   | 1.0   | 1.4   | 1.5   | 2.7   | 5.1   | 5.5   | 4.9   | 8.2   | 4.2   | 5.0  | 266    | 1.6 | 1.2 | 0.1 |                          |
| ♂                                                                   | 0.5 | 0.1 | 0.3 | 0.4   | 0.4   | 0.3   | 0.5   | 0.7   | 0.7   | 1.3   | 2.2   | 3.3   | 3.5   | 4.7   | 4.9   | 4.2   | 2.8   | 0.5   | 329  | 1.7    | 1.1 | 0.1 |     |                          |
| <i>Leukemia of unspecified cell type</i>                            |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C95</b>               |
| ♀                                                                   | 0.5 | 0.2 | -   | 0.2   | 0.1   | 0.2   | 0.3   | 0.1   | 0.2   | 0.2   | 0.4   | 0.5   | 1.5   | 1.9   | 2.5   | 2.0   | 3.0   | 2.1   | 4.1  | 109    | 0.6 | 0.5 | 0.1 |                          |
| ♂                                                                   | -   | 0.2 | 0.1 | 0.1   | -     | 0.1   | 0.1   | 0.2   | 0.2   | 0.3   | 0.2   | 0.5   | 0.6   | 0.9   | 1.9   | 1.3   | 2.2   | 1.8   | 1.2  | 110    | 0.6 | 0.3 | 0.0 |                          |
| <i>Unknown primary site</i>                                         |     |     |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |     |     |     | <b>C77-C80</b>           |
| ♀                                                                   | -   | -   | -   | -     | 0.1   | 0.2   | 0.3   | 0.6   | 1.7   | 2.4   | 5.7   | 11.9  | 20.5  | 33.3  | 37.8  | 40.6  | 48.7  | 32.2  | 27.3 | 1538   | 9.1 | 6.2 | 0.2 |                          |
| ♂                                                                   | -   | -   | -   | -     | 0.3   | 0.1   | 0.2   | 0.2   | 0.7   | 1.3   | 2.2   | 3.9   | 8.0   | 9.7   | 15.4  | 18.4  | 21.8  | 18.5  | 11.7 | 1010   | 5.2 | 2.4 | 0.1 |                          |

"- no cases registered; 0,0 - rate less than 0,05

\* - does not include cases of Donetsk and Luhanska oblast, AR Krym, Sevastopol city

## Annex C

| Administrative territory | Total  | Age groups |      |       |       |       |       |       |       |       |        |        |        |        |        |        |        |         |         |         |
|--------------------------|--------|------------|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
|                          |        | 0-1        | 1-4  | 5-9   | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44  | 45-49  | 50-54  | 55-59  | 60-64  | 65-69  | 70-74  | 75-79   | 80-84   | 85+     |
| Ukraine                  | 2507.2 | 9.4        | 42.0 | 84.9  | 104.9 | 138.6 | 174.5 | 264.7 | 433.2 | 681.4 | 1039.7 | 1599.4 | 2326.9 | 3656.2 | 5112.9 | 7803.8 | 7586.3 | 10382.0 | 11453.2 | 14855.7 |
| AR Krym                  |        |            |      |       |       |       |       |       |       |       |        |        |        |        |        |        |        |         |         |         |
| Vinnytska                | 2525.2 | 22.9       | 47.0 | 69.9  | 113.4 | 143.5 | 185.0 | 267.6 | 478.8 | 739.2 | 1108.7 | 1701.6 | 2488.7 | 3741.4 | 5100.7 | 7803.0 | 6849.7 | 9320.9  | 9510.5  | 11153.4 |
| Volynska                 | 2030.3 | 13.7       | 32.2 | 71.2  | 88.8  | 128.3 | 141.7 | 238.8 | 317.1 | 643.0 | 1043.6 | 1692.9 | 2337.5 | 3424.0 | 4780.8 | 7377.4 | 7310.5 | 10034.7 | 10180.1 | 10068.4 |
| Dnipropetrovska          | 2370.2 | 16.5       | 40.4 | 99.1  | 99.7  | 117.2 | 155.9 | 239.5 | 426.1 | 695.4 | 1017.8 | 1562.9 | 2231.8 | 3598.4 | 4808.9 | 7413.9 | 6904.3 | 9489.1  | 9732.6  | 9429.4  |
| Donetska                 |        |            |      |       |       |       |       |       |       |       |        |        |        |        |        |        |        |         |         |         |
| Zhytomyrska              | 2289.1 | -          | 42.1 | 85.4  | 98.6  | 144.3 | 185.4 | 326.5 | 553.5 | 808.2 | 1113.9 | 1614.4 | 2380.7 | 3601.8 | 5073.0 | 7177.1 | 6637.0 | 8374.5  | 8359.4  | 9212.9  |
| Zakarpatska              | 1666.3 | 5.5        | 32.8 | 53.6  | 76.1  | 87.9  | 126.2 | 208.5 | 325.4 | 528.9 | 773.3  | 1268.2 | 1748.4 | 2875.5 | 3962.7 | 5963.2 | 6437.5 | 8395.3  | 10074.0 | 19208.0 |
| Zaporizzka               | 2722.2 | -          | 40.1 | 77.6  | 96.8  | 122.4 | 156.6 | 231.0 | 410.8 | 621.4 | 1014.6 | 1577.8 | 2374.5 | 3739.7 | 5101.3 | 8227.4 | 7650.8 | 11121.7 | 11996.8 | 14343.2 |
| Ivano-Frankivska         | 1705.5 | -          | 31.5 | 65.7  | 79.6  | 119.4 | 150.2 | 169.6 | 284.6 | 461.7 | 707.1  | 1164.0 | 1832.7 | 2775.9 | 4077.1 | 5727.7 | 6048.7 | 7462.5  | 7724.2  | 9495.8  |
| Kyivska                  | 2855.3 | 9.5        | 41.0 | 94.0  | 138.5 | 209.1 | 241.4 | 359.9 | 596.4 | 875.7 | 1336.1 | 1946.2 | 2746.3 | 4340.8 | 6025.9 | 8868.8 | 8163.5 | 10676.7 | 13226.8 | 17009.3 |
| Kirovogradksa            | 2553.6 | 9.5        | 40.5 | 69.6  | 88.2  | 133.5 | 181.5 | 277.7 | 540.6 | 736.1 | 1152.0 | 1780.6 | 2503.5 | 3864.3 | 5046.0 | 7569.6 | 6708.7 | 9504.2  | 9600.4  | 9903.7  |
| Louganska                |        |            |      |       |       |       |       |       |       |       |        |        |        |        |        |        |        |         |         |         |
| Lvivska                  | 2480.5 | 10.0       | 46.5 | 102.3 | 104.5 | 137.6 | 169.3 | 269.0 | 354.6 | 624.9 | 947.0  | 1499.9 | 2211.4 | 3484.3 | 5074.1 | 7190.1 | 8455.0 | 11155.5 | 13231.2 | 19770.0 |
| Mykolajivska             | 2838.5 | 23.1       | 40.6 | 82.7  | 91.2  | 131.6 | 154.3 | 271.1 | 433.1 | 658.6 | 1074.9 | 1573.9 | 2410.3 | 3923.6 | 5520.9 | 8893.6 | 9002.9 | 12594.3 | 13940.8 | 18778.8 |
| Odesska                  | 3090.2 | 6.8        | 44.5 | 85.8  | 104.4 | 126.6 | 173.0 | 256.5 | 417.9 | 758.5 | 1180.8 | 1850.2 | 2708.0 | 4184.6 | 5815.2 | 9498.0 | 9688.5 | 14163.3 | 16987.7 | 28770.7 |
| Poltavska                | 2561.2 | 6.9        | 35.2 | 100.0 | 103.5 | 147.3 | 188.3 | 245.3 | 418.8 | 665.7 | 1020.1 | 1650.5 | 2273.9 | 3666.1 | 4887.7 | 7794.6 | 7295.8 | 9248.3  | 10745.7 | 11312.4 |
| Rivnenska                | 1872.6 | 11.7       | 40.0 | 71.9  | 128.0 | 137.7 | 181.8 | 257.9 | 471.2 | 728.1 | 1046.0 | 1509.7 | 2059.0 | 3308.7 | 4611.5 | 6566.9 | 6032.7 | 8595.2  | 9372.9  | 14564.1 |
| Soumska                  | 2879.2 | -          | 38.3 | 90.4  | 97.9  | 155.5 | 209.2 | 273.4 | 462.7 | 718.7 | 1078.1 | 1650.4 | 2479.0 | 4066.7 | 5368.0 | 8558.5 | 7444.4 | 10400.6 | 11876.9 | 14970.9 |
| Ternopilska              | 2206.8 | -          | 18.9 | 65.6  | 91.4  | 129.8 | 188.7 | 213.6 | 370.5 | 573.5 | 879.3  | 1473.8 | 2145.4 | 3290.2 | 4732.6 | 6555.8 | 6666.0 | 8724.7  | 9653.3  | 14489.4 |
| Kharkivska               | 2697.0 | 3.6        | 40.8 | 81.4  | 102.0 | 123.4 | 166.3 | 246.5 | 367.6 | 566.7 | 950.2  | 1440.9 | 2146.1 | 3533.2 | 5005.8 | 7911.8 | 7757.1 | 11228.5 | 13409.3 | 19891.1 |
| Khersonska               | 2534.9 | 8.2        | 45.1 | 75.8  | 90.1  | 137.0 | 169.3 | 275.1 | 447.8 | 705.2 | 1085.1 | 1713.9 | 2435.0 | 3808.4 | 5304.7 | 8291.1 | 7700.4 | 10995.0 | 11146.1 | 11923.5 |
| Khmelnitska              | 2254.5 | 13.8       | 50.2 | 76.2  | 114.6 | 188.4 | 181.9 | 273.6 | 447.3 | 687.8 | 973.6  | 1510.7 | 2310.0 | 3320.7 | 4741.2 | 6837.2 | 6342.6 | 8639.1  | 8110.4  | 9366.7  |
| Cherkasska               | 2775.0 | 8.2        | 71.1 | 141.2 | 178.2 | 167.4 | 221.2 | 340.6 | 514.2 | 805.7 | 1126.6 | 1759.8 | 2422.6 | 3794.8 | 5202.8 | 7890.2 | 7520.7 | 9596.1  | 11700.3 | 12394.7 |
| Chernivetska             | 2231.0 | -          | 39.9 | 85.2  | 109.3 | 116.7 | 155.8 | 216.0 | 326.1 | 459.0 | 752.7  | 1260.7 | 1846.8 | 3052.2 | 4428.0 | 6889.8 | 7310.7 | 10147.2 | 12411.6 | 26050.1 |
| Chernigivska             | 2516.6 | -          | 60.4 | 65.3  | 77.7  | 169.2 | 169.6 | 280.8 | 543.6 | 719.7 | 1115.4 | 1512.2 | 2271.5 | 3370.5 | 4854.2 | 7216.3 | 6578.3 | 8172.0  | 8199.8  | 8824.1  |
| Kyiv city                | 2812.3 | 20.1       | 46.2 | 98.8  | 123.4 | 153.3 | 185.4 | 322.2 | 502.8 | 771.7 | 1177.5 | 1782.7 | 2627.8 | 4146.4 | 5917.7 | 9092.9 | 9750.9 | 13640.6 | 17039.2 | 20618.3 |
| Sevastopol city          |        |            |      |       |       |       |       |       |       |       |        |        |        |        |        |        |        |         |         |         |

## Annex C - continued

| Administrative territory | Total  | Age groups |      |       |       |       |       |       |       |       |       |        |        |        |        |        |         |         |         |         |
|--------------------------|--------|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
|                          |        | 0-1        | 1-4  | 5-9   | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49  | 50-54  | 55-59  | 60-64  | 65-69  | 70-74   | 75-79   | 80-84   | 85+     |
| Ukraine                  | 1903.3 | 10.3       | 44.0 | 91.0  | 116.4 | 138.9 | 169.2 | 219.7 | 308.7 | 423.4 | 604.6 | 934.1  | 1478.0 | 2666.3 | 4226.4 | 7328.5 | 8320.2  | 12460.2 | 15412.0 | 22468.3 |
| AR Krym                  |        |            |      |       |       |       |       |       |       |       |       |        |        |        |        |        |         |         |         |         |
| Vinnytska                | 1872.0 | 44.2       | 49.7 | 77.7  | 99.6  | 144.6 | 156.0 | 222.1 | 323.6 | 425.0 | 560.7 | 951.7  | 1487.8 | 2649.4 | 4092.8 | 7136.9 | 7338.4  | 10886.4 | 13434.2 | 17177.8 |
| Volynska                 | 1483.1 | -          | 32.7 | 85.6  | 126.0 | 137.6 | 125.0 | 213.2 | 216.1 | 331.1 | 594.3 | 845.8  | 1387.3 | 2412.8 | 3784.7 | 6683.1 | 8321.5  | 12998.0 | 13784.5 | 16124.2 |
| Dnipropetrovska          | 1733.4 | 16.1       | 39.2 | 116.3 | 120.7 | 133.2 | 154.9 | 174.1 | 285.2 | 397.4 | 592.3 | 953.0  | 1390.5 | 2698.4 | 3875.6 | 6995.0 | 7362.2  | 10862.9 | 11741.0 | 12562.6 |
| Donetska                 |        |            |      |       |       |       |       |       |       |       |       |        |        |        |        |        |         |         |         |         |
| Zhytomyrska              | 1662.7 | -          | 26.1 | 87.4  | 86.2  | 134.8 | 191.8 | 259.6 | 353.6 | 462.9 | 615.8 | 885.3  | 1490.0 | 2607.7 | 4282.8 | 6723.8 | 6891.3  | 9685.3  | 10531.8 | 13864.5 |
| Zakarpatska              | 1316.0 | 10.6       | 32.0 | 66.9  | 79.6  | 88.9  | 138.4 | 166.5 | 254.1 | 366.7 | 529.4 | 759.8  | 1145.6 | 2318.9 | 3380.5 | 5718.4 | 7492.1  | 9761.7  | 13324.8 | 31255.0 |
| Zaporizzka               | 2098.3 | -          | 32.4 | 78.5  | 112.4 | 132.6 | 152.2 | 190.2 | 283.3 | 358.3 | 602.6 | 925.3  | 1483.5 | 2836.5 | 4468.4 | 7886.3 | 8616.1  | 13151.8 | 16791.2 | 22661.3 |
| Ivano-Frankivska         | 1323.6 | -          | 26.2 | 62.7  | 94.0  | 125.8 | 146.0 | 173.1 | 217.5 | 310.7 | 408.6 | 720.4  | 1175.0 | 2191.6 | 3397.9 | 5571.6 | 6739.4  | 8888.2  | 10528.1 | 14413.1 |
| Kyivska                  | 2099.5 | 18.4       | 56.1 | 95.8  | 129.6 | 207.3 | 218.5 | 303.8 | 391.3 | 542.2 | 726.3 | 1118.3 | 1742.7 | 3077.3 | 4882.7 | 8288.2 | 8737.0  | 12967.6 | 18059.2 | 26718.5 |
| Kirovogradksa            | 1863.0 | -          | 46.3 | 67.9  | 117.8 | 118.8 | 144.5 | 230.3 | 370.0 | 394.3 | 596.1 | 995.9  | 1485.5 | 2857.6 | 4112.1 | 7305.4 | 6944.6  | 10460.1 | 11282.2 | 13199.9 |
| Louganska                |        |            |      |       |       |       |       |       |       |       |       |        |        |        |        |        |         |         |         |         |
| Lvivska                  | 2010.6 | -          | 52.0 | 100.4 | 115.2 | 138.2 | 166.7 | 244.0 | 273.4 | 445.0 | 557.8 | 910.6  | 1478.9 | 2655.7 | 4376.2 | 6957.6 | 9614.5  | 14406.0 | 18984.6 | 33471.1 |
| Mykolajivska             | 2211.0 | 44.4       | 48.5 | 105.7 | 90.7  | 144.1 | 171.2 | 229.3 | 288.7 | 460.0 | 692.6 | 971.6  | 1634.9 | 2890.4 | 4628.4 | 8663.8 | 10098.3 | 15869.7 | 18771.7 | 26984.1 |
| Odesska                  | 2495.5 | -          | 44.9 | 90.3  | 101.4 | 140.6 | 185.2 | 201.1 | 270.2 | 462.3 | 661.5 | 1077.4 | 1815.6 | 3270.4 | 5214.8 | 9667.4 | 11016.2 | 17823.1 | 23069.1 | 40089.9 |
| Poltavska                | 1909.1 | -          | 54.2 | 116.7 | 111.7 | 126.2 | 185.1 | 182.5 | 301.3 | 390.5 | 629.8 | 1033.1 | 1498.2 | 2579.4 | 4005.1 | 7125.3 | 7716.0  | 10410.3 | 13996.4 | 17586.3 |
| Rivnenska                | 1374.2 | 11.5       | 47.7 | 81.1  | 141.5 | 116.3 | 173.7 | 214.7 | 328.5 | 425.0 | 561.7 | 819.7  | 1329.6 | 2413.5 | 3889.7 | 5785.4 | 6261.9  | 11032.6 | 13313.4 | 21528.7 |
| Soumska                  | 2118.7 | -          | 46.6 | 90.1  | 115.0 | 154.9 | 186.3 | 226.9 | 375.5 | 452.1 | 694.3 | 1055.6 | 1665.6 | 3023.6 | 4241.5 | 7711.6 | 7777.3  | 11720.7 | 14950.8 | 20004.4 |
| Ternopilska              | 1749.6 | -          | 24.6 | 74.1  | 113.5 | 120.6 | 176.8 | 199.4 | 332.0 | 394.6 | 529.7 | 822.2  | 1344.1 | 2369.2 | 4145.9 | 6305.6 | 7533.9  | 11340.3 | 14032.7 | 24404.0 |
| Kharkivska               | 1991.5 | 7.1        | 42.3 | 88.9  | 124.4 | 116.3 | 155.2 | 195.5 | 276.0 | 351.7 | 560.8 | 821.0  | 1339.7 | 2372.4 | 3979.1 | 7047.8 | 8285.8  | 13474.4 | 17694.8 | 30406.9 |
| Khersonska               | 1918.5 | 15.8       | 27.8 | 75.7  | 100.1 | 150.7 | 165.3 | 222.4 | 333.5 | 429.8 | 562.0 | 946.2  | 1453.0 | 2676.4 | 4425.5 | 8089.0 | 9152.2  | 13505.7 | 16457.4 | 17935.8 |
| Khmelnitska              | 1739.7 | 13.5       | 43.9 | 82.7  | 102.1 | 190.6 | 176.2 | 264.3 | 330.2 | 521.1 | 615.4 | 925.3  | 1496.3 | 2350.2 | 4096.7 | 6560.6 | 7186.1  | 10525.7 | 11297.6 | 13794.5 |
| Cherkasska               | 2139.5 | -          | 90.3 | 142.9 | 205.1 | 124.8 | 185.6 | 282.4 | 371.7 | 473.2 | 669.2 | 964.7  | 1490.7 | 2872.9 | 4402.1 | 7476.1 | 8295.5  | 11417.5 | 15166.0 | 19303.1 |
| Chernivetska             | 1857.2 | -          | 47.4 | 71.4  | 131.4 | 99.7  | 167.4 | 191.2 | 252.4 | 337.2 | 514.7 | 897.9  | 1323.1 | 2463.3 | 3969.8 | 6873.2 | 8740.4  | 12777.4 | 17147.6 | 37870.0 |
| Chernigivska             | 1916.0 | -          | 64.1 | 62.0  | 110.0 | 185.4 | 184.3 | 208.2 | 388.0 | 445.8 | 661.2 | 951.8  | 1471.4 | 2584.9 | 3949.0 | 6805.8 | 7535.0  | 9875.0  | 11162.7 | 13533.7 |
| Kyiv city                | 2067.7 | 27.7       | 45.6 | 108.1 | 144.4 | 165.0 | 187.8 | 274.7 | 365.0 | 496.0 | 685.8 | 985.2  | 1595.4 | 2692.7 | 4453.6 | 7981.2 | 9766.4  | 15240.7 | 19747.2 | 25775.5 |
| Sevastopol city          |        |            |      |       |       |       |       |       |       |       |       |        |        |        |        |        |         |         |         |         |

## Annex C - continued

| Administrative territory | Total  | Age groups |      |       |       |       |       |       |       |        |        |        |        |        |        |        |        |         |         |         |
|--------------------------|--------|------------|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
|                          |        | 0-1        | 1-4  | 5-9   | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39  | 40-44  | 45-49  | 50-54  | 55-59  | 60-64  | 65-69  | 70-74  | 75-79   | 80-84   | 85+     |
| Ukraine                  | 3030.2 | 8.4        | 39.9 | 78.4  | 92.8  | 138.3 | 180.1 | 311.5 | 560.5 | 934.0  | 1452.2 | 2204.0 | 3047.4 | 4431.0 | 5742.3 | 8104.8 | 7197.6 | 9408.4  | 9872.2  | 12570.6 |
| AR Krym                  |        |            |      |       |       |       |       |       |       |        |        |        |        |        |        |        |        |         |         |         |
| Vinnytska                | 3084.4 | -          | 44.1 | 61.8  | 128.2 | 142.4 | 215.1 | 315.4 | 629.3 | 1035.8 | 1628.8 | 2403.1 | 3368.0 | 4633.0 | 5837.3 | 8235.6 | 6594.1 | 8580.0  | 8057.4  | 9550.9  |
| Volynska                 | 2518.2 | 28.0       | 31.7 | 55.9  | 49.3  | 118.4 | 159.1 | 265.1 | 412.4 | 954.4  | 1482.1 | 2503.1 | 3177.0 | 4265.1 | 5518.9 | 7846.2 | 6786.8 | 8836.6  | 8900.7  | 8246.5  |
| Dnipropetrovska          | 2906.4 | 17.0       | 41.8 | 81.0  | 77.3  | 100.2 | 156.9 | 307.8 | 571.3 | 985.5  | 1410.2 | 2083.1 | 2903.1 | 4263.8 | 5440.2 | 7657.1 | 6682.4 | 8869.0  | 8877.4  | 8360.6  |
| Donetska                 |        |            |      |       |       |       |       |       |       |        |        |        |        |        |        |        |        |         |         |         |
| Zhytomyrska              | 2831.7 | -          | 59.1 | 83.3  | 111.8 | 154.3 | 178.7 | 397.5 | 761.5 | 1144.5 | 1589.9 | 2295.6 | 3174.8 | 4401.8 | 5645.3 | 7459.4 | 6507.1 | 7793.3  | 7549.7  | 7941.2  |
| Zakarpatska              | 1989.6 | -          | 33.6 | 39.4  | 72.4  | 86.8  | 113.5 | 251.0 | 396.8 | 695.6  | 1017.6 | 1755.9 | 2287.2 | 3342.3 | 4418.9 | 6132.1 | 5815.3 | 7747.5  | 8735.1  | 15220.8 |
| Zaporizzka               | 3246.4 | -          | 48.3 | 76.6  | 80.0  | 111.7 | 161.4 | 273.5 | 537.1 | 886.2  | 1400.8 | 2146.4 | 3103.6 | 4418.2 | 5535.4 | 8430.3 | 7173.7 | 10193.2 | 10127.2 | 11829.1 |
| Ivano-Frankivska         | 2047.6 | -          | 37.1 | 69.0  | 64.4  | 112.9 | 154.6 | 165.9 | 350.5 | 615.2  | 1002.0 | 1589.8 | 2421.9 | 3263.9 | 4592.6 | 5830.4 | 5664.8 | 6808.5  | 6600.2  | 8013.0  |
| Kyivska                  | 3505.5 | -          | 24.9 | 92.1  | 148.1 | 211.1 | 264.8 | 416.9 | 807.3 | 1206.6 | 1911.8 | 2691.1 | 3584.9 | 5337.4 | 6842.7 | 9233.1 | 7879.2 | 9632.1  | 11464.0 | 14561.3 |
| Kirovogradksa            | 3140.6 | 19.8       | 34.3 | 71.5  | 57.2  | 149.0 | 221.3 | 329.6 | 706.9 | 1067.8 | 1667.8 | 2474.4 | 3370.5 | 4636.2 | 5689.0 | 7733.3 | 6584.2 | 9035.8  | 8872.5  | 8901.9  |
| Louganska                |        |            |      |       |       |       |       |       |       |        |        |        |        |        |        |        |        |         |         |         |
| Lvivska                  | 2903.3 | 20.5       | 40.8 | 104.2 | 93.3  | 137.0 | 172.1 | 295.1 | 444.1 | 806.7  | 1328.0 | 2063.3 | 2867.3 | 4178.8 | 5590.2 | 7344.0 | 7783.8 | 9606.0  | 10854.6 | 15659.2 |
| Mykolajivska             | 3378.3 | -          | 32.0 | 58.1  | 91.8  | 118.4 | 136.4 | 314.7 | 584.2 | 853.4  | 1433.2 | 2097.2 | 3048.9 | 4713.8 | 6144.2 | 9036.1 | 8433.1 | 11058.6 | 12035.3 | 16265.7 |
| Odesska                  | 3617.0 | 14.2       | 44.1 | 81.0  | 107.5 | 112.1 | 159.8 | 314.7 | 588.0 | 1046.0 | 1672.3 | 2541.5 | 3459.0 | 4885.4 | 6235.0 | 9390.1 | 8951.9 | 12346.3 | 14242.7 | 24399.3 |
| Poltavska                | 3116.6 | 14.4       | 14.6 | 82.2  | 95.0  | 169.9 | 191.7 | 311.3 | 538.6 | 933.3  | 1387.4 | 2200.3 | 2945.0 | 4510.8 | 5509.0 | 8208.3 | 7072.7 | 8684.6  | 9447.6  | 9668.8  |
| Rivnenska                | 2322.5 | 11.9       | 32.1 | 62.1  | 113.6 | 160.0 | 190.2 | 303.3 | 608.6 | 1031.8 | 1531.0 | 2170.9 | 2713.8 | 4062.6 | 5153.6 | 7078.0 | 5911.2 | 7555.4  | 7883.5  | 12526.9 |
| Soumska                  | 3520.3 | -          | 29.6 | 90.8  | 79.8  | 156.1 | 232.9 | 322.3 | 548.4 | 977.5  | 1436.8 | 2185.6 | 3169.1 | 4883.3 | 6189.4 | 9100.1 | 7275.4 | 9791.6  | 10741.0 | 13561.4 |
| Ternopilska              | 2606.8 | -          | 13.0 | 56.6  | 68.1  | 139.3 | 201.0 | 228.2 | 406.9 | 750.8  | 1217.6 | 2099.6 | 2875.3 | 4070.7 | 5173.2 | 6723.0 | 6194.5 | 7573.4  | 7968.4  | 11766.0 |
| Kharkivska               | 3304.4 | -          | 39.2 | 73.4  | 78.5  | 131.0 | 179.1 | 300.3 | 466.4 | 783.4  | 1318.8 | 1992.2 | 2806.1 | 4391.8 | 5700.5 | 8443.1 | 7484.1 | 10188.3 | 11695.4 | 16691.3 |
| Khersonska               | 3067.1 | -          | 63.5 | 75.9  | 79.7  | 122.2 | 173.6 | 331.2 | 563.4 | 977.7  | 1576.5 | 2394.6 | 3258.6 | 4689.5 | 5935.5 | 8417.7 | 6971.0 | 9854.6  | 9224.5  | 10271.7 |
| Khmelnitska              | 2699.4 | 14.1       | 56.8 | 69.4  | 128.2 | 186.1 | 187.9 | 283.4 | 568.6 | 852.2  | 1314.8 | 2056.4 | 3025.3 | 4109.7 | 5213.1 | 7019.0 | 5896.9 | 7762.2  | 7029.8  | 8164.4  |
| Cherkasska               | 3311.2 | 16.7       | 50.5 | 139.3 | 150.2 | 212.6 | 257.8 | 399.9 | 659.1 | 1123.3 | 1547.3 | 2470.7 | 3224.4 | 4523.2 | 5774.9 | 8158.2 | 7103.0 | 8728.2  | 10330.9 | 10523.8 |
| Chernivetska             | 2562.5 | -          | 32.0 | 99.8  | 85.8  | 134.1 | 144.0 | 241.1 | 397.3 | 579.9  | 984.8  | 1602.4 | 2310.7 | 3531.8 | 4769.0 | 6900.7 | 6523.5 | 8861.9  | 10401.5 | 21873.6 |
| Chernigivska             | 3015.4 | -          | 56.5 | 68.7  | 43.6  | 151.9 | 154.4 | 357.8 | 722.0 | 981.1  | 1539.0 | 2021.4 | 2943.0 | 3986.9 | 5506.2 | 7466.0 | 6110.3 | 7448.1  | 7144.0  | 7577.7  |
| Kyiv city                | 3451.5 | 12.0       | 46.9 | 89.0  | 101.0 | 141.5 | 182.9 | 367.9 | 634.1 | 1021.5 | 1627.3 | 2501.8 | 3436.2 | 5188.5 | 6901.4 | 9824.5 | 9741.4 | 12748.4 | 15647.0 | 18715.9 |
| Sevastopol city          |        |            |      |       |       |       |       |       |       |        |        |        |        |        |        |        |        |         |         |         |

## IMPLEMENTATION OF THE INTERNATIONAL CLASSIFICATION OF CHILDHOOD CANCER IN THE NATIONAL CANCER REGISTRY OF UKRAINE

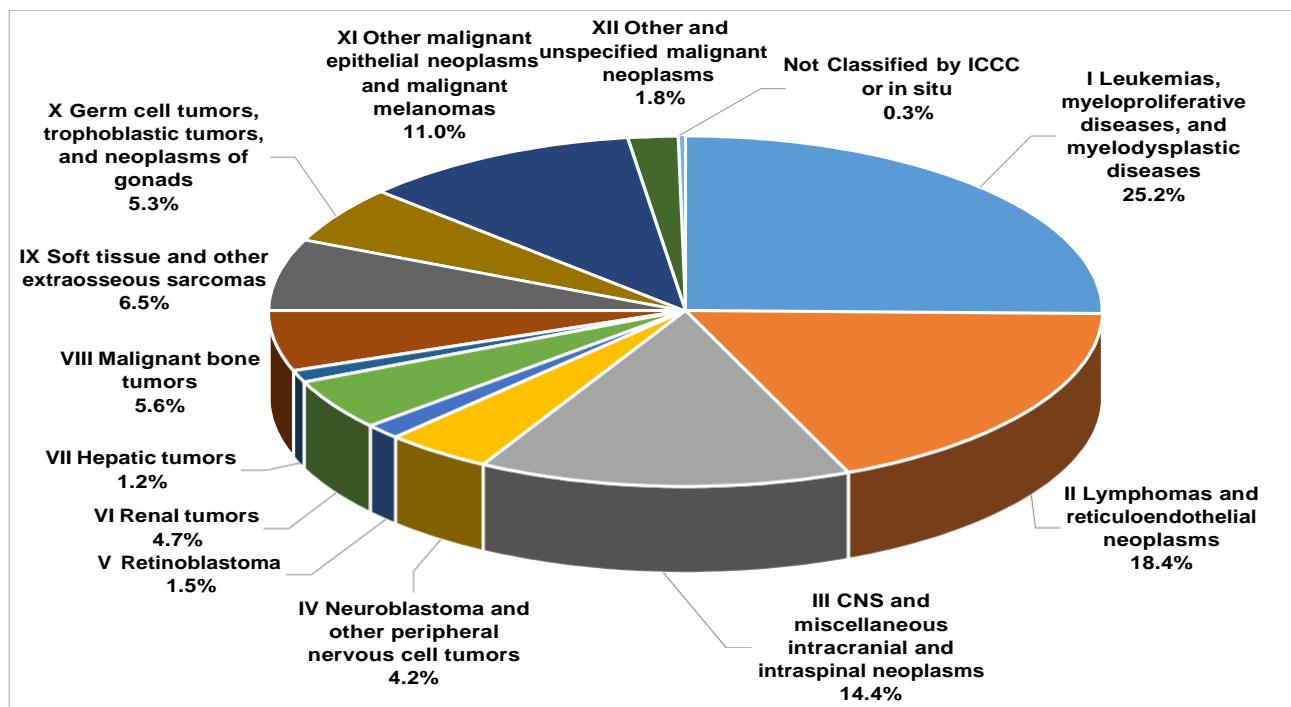
Structure of cancer incidence of children population differs from that of the adults. This makes used in the ICD-10 analysis of childhood cancer incidence based on the principle of primary tumor site uninformative. Instead, the International Classification of Childhood Cancer (ICCC) was developed in 1996 and is now widely used. It focuses mainly on morphological type of tumor rather than site. The 3<sup>rd</sup> revision of the classification has been worked out in 2005 (ICCC-3) [1]. It consists of 12 main groups, divided into 47 subgroups of most typical childhood cancers. ICCC-3 is preferably used in cancer epidemiology and most scientific publications for presenting information about cancer in children. At the same time, statistics on childhood cancer incidence in Ukraine is commonly presented in terms of ICD-10 classification.

The National Cancer Registry of Ukraine (NCRU) collects information about all cancer cases in all age groups, including childhood cancers. Implementation of ICCC-3 in NCRU was a completely technical task. The automated procedure of coding of cancer cases in children by ICCC-3 codes was implemented in NCRU's software in 2015, which allows using this classification for analysis of incidence, mortality, prevalence and survival rates.

In this short note we present the results of incidence analysis of children and adolescents with cancers diagnosed in 2002-2013. The cohort of patients aged 0-19 was selected to provide the comparability with results of the project "International Incidence Of Childhood Cancer" (IICC) [2], conducted by the International Agency for Research on Cancer (IARC) and the International Association of Cancer Registries (IACR).

Therefore, the NCRU has facilities to carry out detailed analysis of childhood cancers and malignant hematological diseases and can perform international comparison in terms of the ICCC-3 classification. The National Cancer Institute of Ukraine and the NCRU invite experts and scholars to participate in these activities and to give suggestions or comments on further analysis.

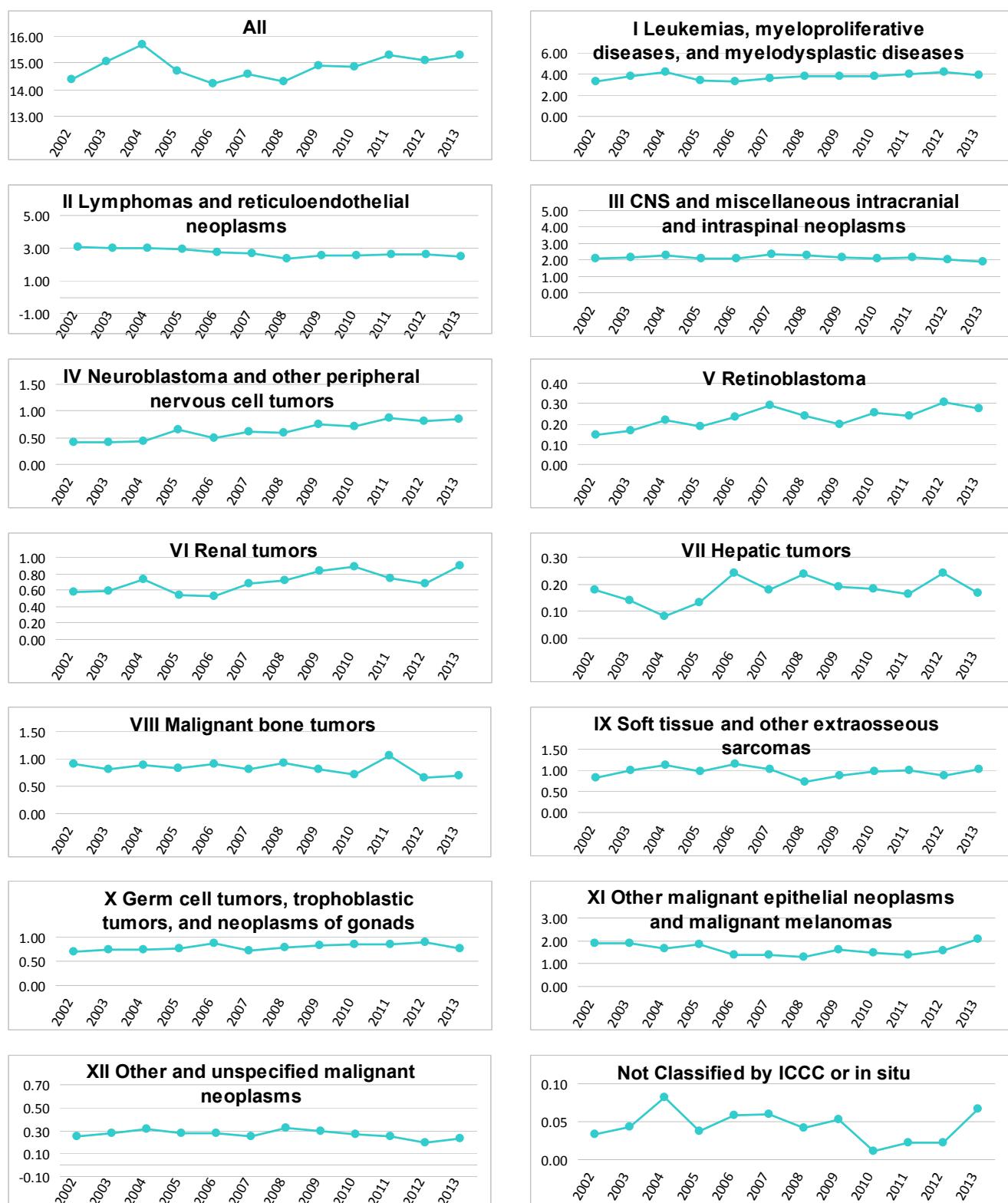
1. <http://seer.cancer.gov/iccc/>
2. <https://iicc.iarc.fr/about/index.php>



**Fig. I1 – Distribution of new cancer cases in children and adolescents aged 0-19 by the ICCC-3 groups, 2002-2013**

**Table I1- Cancer incidence of children and adolescents aged 0-19 in Ukraine, 2002-2013**

| ICCC-3 group                                                                   | Cases        | per 100,000  |
|--------------------------------------------------------------------------------|--------------|--------------|
| <b>All</b>                                                                     | <b>18014</b> | <b>14.86</b> |
| <b>I Leukemias, myeloproliferative diseases, and myelodysplastic diseases</b>  | <b>4540</b>  | <b>3.74</b>  |
| (a) Lymphoid leukemias                                                         | 3081         | 2.54         |
| (b) Acute myeloid leukemias                                                    | 766          | 0.63         |
| (c) Chronic myeloproliferative diseases                                        | 233          | 0.19         |
| (d) Myelodysplastic syndrome and other myeloproliferative diseases             | 58           | 0.05         |
| (e) Unspecified and other specified leukemias                                  | 402          | 0.33         |
| <b>II Lymphomas and reticuloendothelial neoplasms</b>                          | <b>3315</b>  | <b>2.73</b>  |
| (a) Hodgkin lymphomas                                                          | 2017         | 1.66         |
| (b) Non-Hodgkin lymphomas (except Burkitt lymphoma)                            | 834          | 0.69         |
| (c) Burkitt lymphoma                                                           | 244          | 0.20         |
| (d) Miscellaneous lymphoreticular neoplasms                                    | 145          | 0.12         |
| (e) Unspecified lymphomas                                                      | 75           | 0.06         |
| <b>III CNS and miscellaneous intracranial and intraspinal neoplasms</b>        | <b>2592</b>  | <b>2.14</b>  |
| (a) Ependymomas and choroid plexus tumor                                       | 211          | 0.17         |
| (b) Astrocytomas                                                               | 967          | 0.80         |
| (c) Intracranial and intraspinal embryonal tumors                              | 510          | 0.42         |
| (d) Other gliomas                                                              | 149          | 0.12         |
| (e) Other specified intracranial and intraspinal neoplasms                     | 65           | 0.05         |
| (f) Unspecified intracranial and intraspinal neoplasms                         | 690          | 0.57         |
| <b>IV Neuroblastoma and other peripheral nervous cell tumors</b>               | <b>750</b>   | <b>0.62</b>  |
| (a) Neuroblastoma and ganglioneuroblastoma                                     | 663          | 0.55         |
| (b) Other peripheral nervous cell tumors                                       | 87           | 0.07         |
| <b>V Retinoblastoma</b>                                                        | <b>274</b>   | <b>0.23</b>  |
| <b>VI Renal tumors</b>                                                         | <b>839</b>   | <b>0.69</b>  |
| (a) Nephroblastoma and other nonepithelial renal tumors                        | 698          | 0.58         |
| (b) Renal carcinomas                                                           | 101          | 0.08         |
| (c) Unspecified malignant renal tumors                                         | 40           | 0.03         |
| <b>VII Hepatic tumors</b>                                                      | <b>213</b>   | <b>0.18</b>  |
| (a) Hepatoblastoma                                                             | 112          | 0.09         |
| (b) Hepatic carcinomas                                                         | 81           | 0.07         |
| (c) Unspecified malignant hepatic tumors                                       | 20           | 0.02         |
| <b>VIII Malignant bone tumors</b>                                              | <b>1009</b>  | <b>0.83</b>  |
| (a) Osteosarcomas                                                              | 435          | 0.36         |
| (b) Chondrosarcomas                                                            | 84           | 0.07         |
| (c) Ewing tumor and related sarcomas of bone                                   | 250          | 0.21         |
| (d) Other specified malignant bone tumors                                      | 139          | 0.11         |
| (e) Unspecified malignant bone tumors                                          | 101          | 0.08         |
| <b>IX Soft tissue and other extraosseous sarcomas</b>                          | <b>1170</b>  | <b>0.97</b>  |
| (a) Rhabdomyosarcomas                                                          | 326          | 0.27         |
| (b) Fibrosarcomas, peripheral nerve sheath tumors, and other fibrous neoplasms | 223          | 0.18         |
| (c) Kaposi sarcoma                                                             | 2            | 0.00         |
| (d) Other specified soft tissue sarcomas                                       | 494          | 0.41         |
| (e) Unspecified soft tissue sarcomas                                           | 125          | 0.10         |
| <b>X Germ cell tumors, trophoblastic tumors, and neoplasms of gonads</b>       | <b>956</b>   | <b>0.79</b>  |
| (a) Intracranial and intraspinal germ cell tumors                              | 63           | 0.05         |
| (b) Malignant extracranial and extragonadal germ cell tumors                   | 167          | 0.14         |
| (c) Malignant gonadal germ cell tumors                                         | 472          | 0.39         |
| (d) Gonadal carcinomas                                                         | 164          | 0.14         |
| (e) Other and unspecified malignant gonadal tumors                             | 90           | 0.07         |
| <b>XI Other malignant epithelial neoplasms and malignant melanomas</b>         | <b>1975</b>  | <b>1.63</b>  |
| (a) Adrenocortical carcinomas                                                  | 15           | 0.01         |
| (b) Thyroid carcinomas                                                         | 763          | 0.63         |
| (c) Nasopharyngeal carcinomas                                                  | 69           | 0.06         |
| (d) Malignant melanomas                                                        | 322          | 0.27         |
| (e) Skin carcinomas                                                            | 158          | 0.13         |
| (f) Other and unspecified carcinomas                                           | 648          | 0.53         |
| <b>XII Other and unspecified malignant neoplasms</b>                           | <b>327</b>   | <b>0.27</b>  |
| (a) Other specified malignant tumors                                           | 34           | 0.03         |
| (b) Other unspecified malignant tumors                                         | 293          | 0.24         |
| <b>Not Classified by ICCC or in situ</b>                                       | <b>54</b>    | <b>0.04</b>  |



**Fig. I2 – Cancer incidence of children and adolescents aged 0-19, Ukraine, 2002-2013 (per 100,000 of children population)**

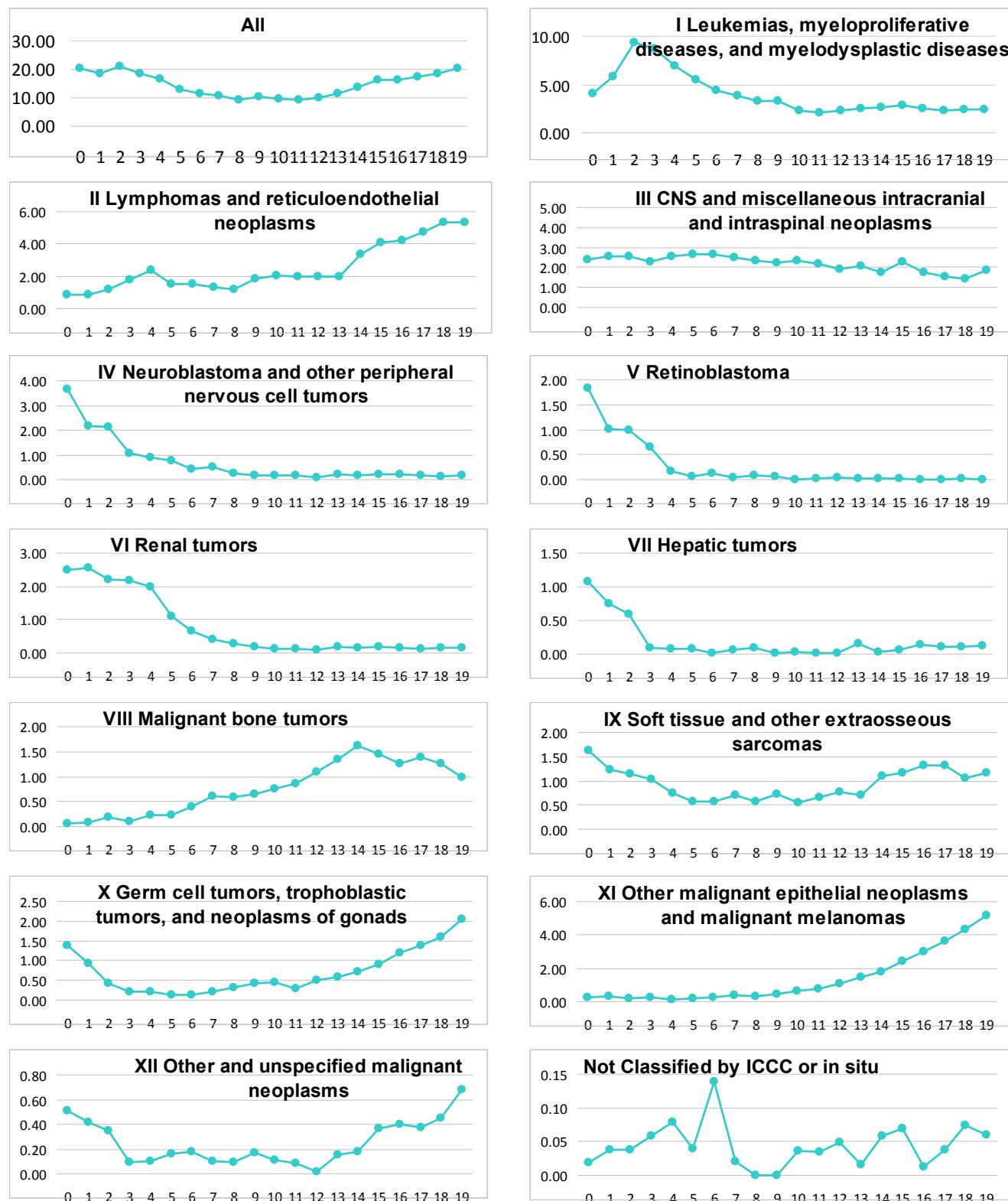


Fig. I3 – Age-specific cancer incidence rates of children and adolescents aged 0-19, Ukraine, 2002-2013 (per 100,000 of children population)