

| Table 1 - General rates, 2012   |   | ♂          | ♀          | ♂          |
|---|---|------------|------------|------------|
| Incidence: number of new cases  |   | 5416       | 2882       | 2534       |
| Incidence (crude rate)  |   | 11.9       | 13.7       | 10.4       |
| Incidence (age-standardized, world standard)  |   | 6.6        | 9.3        | 4.6        |
| Incidence (age-standardized, Ukrainian standard)                                    |   | 10.9       | 15.2       | 8.0        |
| Change of incidence rate 2012 compared to 2011,%<br>(Ukrainian Standard Population) |   | 1.7%<br>~~ | 1.1%<br>~~ | 2.6%<br>~~ |
| Mortality: number of new cases  |   | 4323       | 2372       | 1951       |
| Mortality (crude rate)  |   | 9.5        | 11.3       | 8.0        |
| Mortality (age-standardized, world standard)  |   | 5.2        | 7.7        | 3.6        |
| Mortality (age-standardized, Ukrainian standard)                                    |   | 8.7        | 12.5       | 6.2        |
| Lived less than 1 year since the diagnosis in 2012, %                               |   | 75.7       | 76.6       | 74.6       |
| From among the newly diagnosed – diagnosed post mortem, %                           |   | 5.0        | 5.6        | 4.4        |
| Microscopically verified diagnoses, %   |   | 41.4       | 41.9       | 40.9       |
| Diagnoses verified with histology, %  |   | 34.1       | 34.7       | 33.5       |
| Patients diagnosed during the preventive medical examinations, %                    |   | 3.4        | 3.4        | 3.4        |
| Newly diagnosed patients received the special treatment, % *                        |   | 27.5       | 28.1       | 26.7       |
| From among them:  |   |            |            |            |
| - surgical treatment only, %  |   | 44.3       | 44.8       | 43.8       |
| - combined or complex scheme of treatment, %  |   | 12.0       | 12.4       | 11.5       |
| Incidence of children population<br>(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<br>(age 0-17 years):                               | cases                                   | 0          | 0          | 0          |
|   | rate per 100 000 of children population | 0.0        | 0.0        | 0.0        |

\* - «special treatment» includes now prophylactic anticancer treatment also (see Description of rates in tables).

| Table 2 -<br>Incidence and<br>mortality,<br>2012 | Crude incidence 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>11.9</b>  | <b>13.7</b> | <b>10.4</b> | <b>6.6</b>   | <b>9.3</b> | <b>4.6</b> | <b>10.9</b>   | <b>15.2</b> | <b>8.0</b> | <b>9.5</b>  | <b>11.3</b> | <b>8.0</b> | <b>5.2</b>   | <b>7.7</b> | <b>3.6</b> | <b>8.7</b>  | <b>12.5</b> | <b>6.2</b> |
| AR Krym  | 14.4   | 16.2        | 12.8        | 8.0  | 11.2       | 5.9        | 13.3  | 18.1        | 10.1       | 8.7   | 11.0        | 6.8        | 4.9  | 7.5        | 3.2        | 8.1   | 12.5        | 5.5        |
| Vinnyska   | 10.9   | 13.2        | 9.0         | 6.4  | 9.1        | 4.4        | 10.0  | 14.2        | 7.1        | 9.5   | 11.9        | 7.5        | 5.5  | 8.1        | 3.6        | 8.9   | 12.9        | 6.1        |
| Volynska   | 6.5  | 8.4         | 4.7         | 4.5  | 7.4        | 2.6        | 7.2   | 11.7        | 4.3        | 4.9   | 6.2         | 3.8        | 3.5  | 5.3        | 2.2        | 5.7   | 8.6         | 3.8        |
| Dnipropetrovska                                  | 14.7   | 16.4        | 13.4        | 7.4  | 10.2       | 5.7        | 12.8  | 17.7        | 10.0       | 12.1  | 13.9        | 10.5       | 6.3  | 8.9        | 4.6        | 10.7  | 15.2        | 7.9        |
| Donetska   | 13.4   | 14.7        | 12.3        | 6.8  | 9.3        | 5.1        | 11.3  | 15.3        | 8.7        | 11.0  | 12.9        | 9.4        | 5.5  | 8.3        | 3.6        | 9.3   | 13.6        | 6.4        |
| Zhytomyrska                                      | 7.3  | 9.5         | 5.4         | 4.3  | 6.6        | 2.6        | 6.8   | 10.3        | 4.3        | 6.8   | 7.3         | 6.3        | 3.9  | 5.0        | 3.2        | 6.4   | 8.2         | 5.2        |
| Zakarpatska                                      | 9.1  | 9.5         | 8.6         | 6.1  | 7.5        | 4.7        | 10.4  | 12.4        | 8.6        | 7.3   | 8.5         | 6.2        | 4.9  | 6.9        | 3.2        | 8.2   | 10.7        | 6.0        |
| Zaporizzka                                       | 13.9   | 15.4        | 12.6        | 6.8  | 9.6        | 5.0        | 11.8  | 16.3        | 9.1        | 14.1  | 16.2        | 12.4       | 7.1  | 10.4       | 5.0        | 12.3  | 17.8        | 9.0        |
| Ivano-Frankivska                                 | 9.6  | 12.2        | 7.3         | 6.0  | 9.4        | 3.5        | 10.0  | 15.4        | 6.1        | 7.9   | 10.3        | 5.8        | 5.1  | 7.9        | 3.0        | 8.2   | 12.5        | 5.0        |
| Kyivska  | 11.1   | 14.0        | 8.7         | 6.3  | 9.6        | 4.1        | 10.1  | 15.7        | 6.8        | 8.6   | 11.8        | 6.0        | 4.8  | 8.0        | 2.7        | 8.0   | 13.2        | 4.7        |
| Kirovogradska                                    | 13.0   | 15.4        | 10.9        | 6.2  | 9.5        | 3.7        | 10.8  | 15.9        | 7.0        | 12.6  | 15.4        | 10.2       | 6.4  | 9.7        | 3.9        | 10.7  | 15.8        | 7.0        |
| Louganska  | 11.2   | 12.6        | 9.9         | 5.8  | 8.1        | 4.3        | 9.7   | 13.6        | 7.2        | 9.9   | 10.7        | 9.2        | 5.0  | 6.6        | 3.9        | 8.4   | 11.0        | 6.7        |
| Lvivska  | 10.9   | 13.8        | 8.2         | 6.4  | 10.2       | 3.9        | 10.8  | 17.1        | 6.8        | 9.0   | 11.7        | 6.6        | 5.3  | 8.6        | 3.1        | 8.9   | 14.2        | 5.5        |
| Mykolajivska                                     | 13.8   | 14.4        | 13.4        | 7.9  | 10.1       | 6.5        | 13.1  | 16.6        | 11.0       | 11.0  | 13.8        | 8.7        | 6.3  | 9.7        | 4.0        | 10.2  | 15.6        | 6.9        |
| Odesska  | 11.5   | 12.2        | 10.9        | 6.8  | 8.7        | 5.3        | 11.0  | 13.6        | 8.9        | 7.7   | 8.7         | 6.8        | 4.6  | 6.1        | 3.5        | 7.2   | 9.6         | 5.7        |
| Poltavska  | 12.3   | 15.1        | 9.8         | 6.5  | 9.3        | 4.5        | 10.6  | 15.3        | 7.4        | 10.5  | 12.6        | 8.7        | 5.4  | 7.6        | 3.8        | 9.0   | 12.6        | 6.5        |
| Rivnenska  | 6.9  | 7.1         | 6.6         | 4.7  | 5.6        | 4.0        | 7.8   | 9.5         | 6.8        | 5.0   | 4.9         | 5.1        | 3.5  | 4.0        | 3.0        | 5.9   | 6.7         | 5.2        |
| Soumska  | 10.8   | 12.6        | 9.3         | 5.8  | 8.3        | 4.0        | 9.5   | 13.2        | 7.0        | 6.4   | 7.2         | 5.6        | 3.4  | 5.2        | 2.0        | 5.6   | 7.7         | 3.8        |
| Ternopil'ska                                     | 10.0   | 12.0        | 8.3         | 5.7  | 8.3        | 3.7        | 9.1   | 13.1        | 6.4        | 9.2   | 10.0        | 8.5        | 5.0  | 6.7        | 3.7        | 8.4   | 10.8        | 6.5        |
| Kharkivska                                       | 14.2   | 14.3        | 14.1        | 7.5  | 9.3        | 6.2        | 12.6  | 15.2        | 10.7       | 9.7   | 9.7         | 9.6        | 5.1  | 6.3        | 4.2        | 8.7   | 10.2        | 7.4        |
| Khersonska                                       | 11.2   | 13.0        | 9.6         | 6.1  | 8.9        | 4.0        | 10.2  | 13.7        | 7.4        | 8.8   | 10.6        | 7.2        | 4.9  | 7.1        | 3.2        | 8.1   | 11.2        | 5.8        |
| Khmelnitska                                      | 11.2   | 13.6        | 9.2         | 5.9  | 8.8        | 3.8        | 9.9   | 14.6        | 6.7        | 8.8   | 11.3        | 6.6        | 4.8  | 7.4        | 2.9        | 7.8   | 12.5        | 4.8        |
| Cherkasska                                       | 9.5  | 12.2        | 7.2         | 4.8  | 7.6        | 2.9        | 8.1   | 12.7        | 5.1        | 8.9   | 12.1        | 6.2        | 4.7  | 7.4        | 2.9        | 7.7   | 12.6        | 4.8        |
| Chernivetska                                     | 13.3   | 14.7        | 12.1        | 8.2  | 11.3       | 5.9        | 13.4  | 17.5        | 10.3       | 11.0  | 13.2        | 9.0        | 6.8  | 9.9        | 4.5        | 11.0  | 15.8        | 7.6        |
| Chernigivska                                     | 11.1   | 14.3        | 8.5         | 6.0  | 9.3        | 3.5        | 9.3   | 14.1        | 5.8        | 9.4   | 13.1        | 6.4        | 5.1  | 8.5        | 2.4        | 7.7   | 12.5        | 4.2        |
| Kyiv city  | 13.4   | 17.1        | 10.2        | 8.0  | 12.2       | 5.0        | 13.9  | 20.7        | 9.3        | 9.5   | 11.5        | 7.8        | 5.7  | 8.3        | 3.8        | 9.9   | 14.0        | 7.1        |
| Sevastopol city                                  | 17.1   | 18.5        | 16.0        | 9.9  | 13.3       | 8.0        | 15.4  | 20.3        | 12.4       | 14.0  | 16.2        | 12.1       | 7.9  | 12.3       | 5.2        | 12.4  | 19.0        | 8.7        |

| Table 3 -<br>Incidence and<br>mortality,<br>2013 | Number of new cancer<br>cases registered in 2013 |             |             | Crude incidence rate<br>per 100 000 of population |             |            | Number of deaths from<br>cancer registered in 2013 |             |             | Crude mortality rate<br>per 100 000 of population |             |            |
|--|--|-------------|-------------|---|-------------|------------|--|-------------|-------------|---|-------------|------------|
|  | ♂  | ♀           | ▲           | ♂   | ♀           | ▲          | ♂  | ♀           | ▲           | ♂   | ♀           | ▲          |
| <b>Ukraine</b>                                   | <b>5201</b>                                      | <b>2820</b> | <b>2381</b> | <b>11.5</b>                                       | <b>13.5</b> | <b>9.8</b> | <b>4431</b>  | <b>2385</b> | <b>2046</b> | <b>9.8</b>  | <b>11.4</b> | <b>8.4</b> |
| AR Krym  | 248  | 129         | 119         | 12.7  | 14.4        | 11.2       | 201  | 98          | 103         | 10.3  | 10.9        | 9.7        |
| Vinnyska   | 200  | 111         | 89          | 12.4  | 14.9        | 10.2       | 162  | 97          | 65          | 10.0  | 13.0        | 7.4        |
| Volynska   | 60   | 38          | 22          | 5.8   | 7.8         | 4.0        | 51   | 34          | 17          | 4.9   | 7.0         | 3.1        |
| Dnipropetrovska                                  | 405  | 217         | 188         | 12.3  | 14.4        | 10.5       | 332  | 168         | 164         | 10.1  | 11.1        | 9.1        |
| Donetska   | 593  | 297         | 296         | 13.6  | 15.0        | 12.4       | 492  | 253         | 239         | 11.3  | 12.8        | 10.0       |
| Zhytomyrska                                      | 96   | 59          | 37          | 7.6   | 10.0        | 5.4        | 84   | 57          | 27          | 6.6   | 9.7         | 4.0        |
| Zakarpatska                                      | 94   | 59          | 35          | 7.5   | 9.8         | 5.4        | 79   | 51          | 28          | 6.3   | 8.5         | 4.3        |
| Zaporizzka                                       | 236  | 136         | 100         | 13.2  | 16.7        | 10.3       | 237  | 135         | 102         | 13.3  | 16.6        | 10.5       |
| Ivano-Frankivska                                 | 135  | 78          | 57          | 9.8   | 12.0        | 7.8        | 125  | 64          | 61          | 9.1   | 9.8         | 8.4        |
| Kyivska  | 170  | 100         | 70          | 9.9   | 12.6        | 7.6        | 142  | 83          | 59          | 8.3   | 10.5        | 6.4        |
| Kirovogradska                                    | 134  | 74          | 60          | 13.6  | 16.3        | 11.2       | 119  | 65          | 54          | 12.0  | 14.4        | 10.1       |
| Louganska  | 230  | 121         | 109         | 10.2  | 11.8        | 8.9        | 218  | 115         | 103         | 9.7   | 11.2        | 8.4        |
| Lvivska  | 284  | 153         | 131         | 11.3  | 12.8        | 9.9        | 223  | 125         | 98          | 8.8   | 10.5        | 7.4        |
| Mykolajivska                                     | 164  | 102         | 62          | 14.0  | 18.8        | 9.8        | 133  | 75          | 58          | 11.3  | 13.9        | 9.2        |
| Odessa   | 250  | 123         | 127         | 10.5  | 11.0        | 10.0       | 211  | 112         | 99          | 8.9   | 10.0        | 7.8        |
| Poltavska  | 191  | 98          | 93          | 13.1  | 14.6        | 11.8       | 160  | 81          | 79          | 11.0  | 12.1        | 10.0       |
| Rivnenska  | 99   | 65          | 34          | 8.6   | 11.9        | 5.6        | 78   | 45          | 33          | 6.8   | 8.2         | 5.4        |
| Soumska  | 135  | 71          | 64          | 11.8  | 13.6        | 10.3       | 114  | 61          | 53          | 10.0  | 11.7        | 8.6        |
| Ternopil'ska                                     | 117  | 56          | 61          | 10.9  | 11.2        | 10.6       | 92   | 52          | 40          | 8.6   | 10.4        | 7.0        |
| Kharkiv'ska                                      | 318  | 149         | 169         | 11.7  | 11.8        | 11.5       | 250  | 108         | 142         | 9.2   | 8.6         | 9.7        |
| Kherson'ska                                      | 108  | 57          | 51          | 10.0  | 11.4        | 8.8        | 102  | 53          | 49          | 9.5   | 10.6        | 8.5        |
| Khmelnitska                                      | 164  | 104         | 60          | 12.5  | 17.2        | 8.5        | 122  | 73          | 49          | 9.3   | 12.0        | 7.0        |
| Cherkasska                                       | 139  | 73          | 66          | 11.0  | 12.6        | 9.6        | 108  | 60          | 48          | 8.5   | 10.4        | 7.0        |
| Chernivetska                                     | 88   | 47          | 41          | 9.7   | 11.1        | 8.5        | 95   | 43          | 52          | 10.5  | 10.1        | 10.8       |
| Chernigiv'ska                                    | 114  | 66          | 48          | 10.7  | 13.6        | 8.2        | 109  | 70          | 39          | 10.2  | 14.4        | 6.7        |
| Kyiv city  | 358  | 207         | 151         | 12.8  | 16.0        | 10.0       | 318  | 177         | 141         | 11.3  | 13.7        | 9.4        |
| Sevastopol city                                  | 71   | 30          | 41          | 18.6  | 17.3        | 19.7       | 74   | 30          | 44          | 19.4  | 17.3        | 21.2       |

| Table 4 -<br>Rates,<br>2013 | Stage distribution of new cases,<br>2013, according to TNM, % |             |             |                   | Lived less<br>than 1 year<br>since<br>diagnosis in<br>2012, % | among them:<br>diagnosed<br>post-mortem<br>in 2012 | Received<br>special<br>treatment,<br>% * | Micro-<br>scopically<br>verified,<br>% | During the<br>preven-<br>tive<br>exami-<br>nation, % | Patients, 2013 (per 100 000<br>of population) |             |             |
|-----------------------------|---|-------------|-------------|-------------------|---|--|--|--|--|---|-------------|-------------|
|                             | I-II  | III         | IV          | Not<br>determined |   |  |  |  |  | ♂   | ♀           | ▲           |
| <b>Ukraine</b>              | <b>35.4</b>   | <b>14.1</b> | <b>33.4</b> | <b>16.4</b>       | <b>75.7</b>   | <b>258</b>   | <b>26.0</b>                              | <b>41.2</b>                            | <b>3.6</b>   | <b>14.4</b>                                   | <b>16.1</b> | <b>13.0</b> |
| AR Krym                     | 38.7  | 12.0        | 33.6        | 15.2              | 68.9  | 18   | 35.5                                     | 42.7                                   | 2.8  | 19.7  | 20.9        | 18.6        |
| Vinnyska                    | 42.2  | 13.3        | 43.4        | 0.0               | 78.8  | 4  | 18.5                                     | 22.5                                   | 0.0  | 8.0   | 8.1         | 8.0         |
| Volynska                    | 27.6  | 3.4         | 50.0        | 19.0              | 72.7  | 1  | 34.5                                     | 26.7                                   | 1.7  | 10.0  | 12.7        | 7.6         |
| Dnipropetrovska             | 38.0  | 13.5        | 29.7        | 17.7              | 76.8  | 5  | 19.5                                     | 42.5                                   | 2.6  | 11.4  | 13.0        | 10.1        |
| Donetska                    | 43.9  | 13.6        | 29.0        | 12.3              | 72.8  | 19   | 23.3                                     | 43.3                                   | 9.6  | 23.2  | 26.3        | 20.6        |
| Zhytomyrska                 | 29.2  | 2.2         | 51.7        | 16.9              | 83.3  | 1  | 25.8                                     | 54.2                                   | 1.1  | 8.1   | 10.3        | 6.3         |
| Zakarpatska                 | 22.0  | 14.6        | 45.1        | 17.1              | 82.4  | 12   | 11.0                                     | 43.6                                   | 0.0  | 11.2  | 13.0        | 9.6         |
| Zaporizzka                  | 47.5  | 15.8        | 33.9        | 2.2               | 82.3  | 33   | 30.1                                     | 41.9                                   | 4.4  | 13.6  | 14.8        | 12.6        |
| Ivano-Frankivska            | 22.4  | 4.0         | 48.0        | 23.2              | 79.8  | 2  | 11.2                                     | 20.0                                   | 1.6  | 7.6   | 9.0         | 6.3         |
| Kyivska                     | 59.5  | 12.3        | 27.0        | 0.0               | 69.4  | 6  | 41.1                                     | 37.6                                   | 1.8  | 18.4  | 21.3        | 16.0        |
| Kirovogradska               | 34.6  | 10.6        | 53.8        | 1.0               | 77.0  | 17   | 30.8                                     | 43.3                                   | 1.9  | 10.0  | 10.5        | 9.5         |
| Louganska                   | 23.5  | 15.5        | 38.5        | 21.4              | 88.4  | 12   | 19.3                                     | 86.5                                   | 2.1  | 7.7   | 8.0         | 7.5         |
| Lvivska                     | 24.9  | 22.7        | 25.3        | 27.1              | 79.1  | 3  | 9.9                                      | 20.4                                   | 0.0  | 12.7  | 14.2        | 11.4        |
| Mykolajivska                | 37.4  | 18.7        | 25.2        | 18.7              | 79.1  | 12   | 23.0                                     | 34.1                                   | 18.0   | 18.6  | 19.9        | 17.5        |
| Odessa                      | 27.0  | 31.6        | 40.9        | 0.5               | 64.8  | 19   | 49.3                                     | 78.0                                   | 0.0  | 23.0  | 24.5        | 21.7        |
| Poltavska                   | 18.6  | 5.1         | 30.5        | 45.8              | 80.8  | 11   | 24.3                                     | 38.7                                   | 2.3  | 9.7   | 10.7        | 8.8         |
| Rivnenska                   | 40.9  | 11.8        | 26.9        | 20.4              | 60.3  | 0  | 37.6                                     | 20.2                                   | 11.8   | 12.8  | 16.2        | 9.7         |
| Soumska                     | 44.3  | 5.3         | 32.1        | 18.3              | 65.5  | 1  | 43.5                                     | 23.7                                   | 1.5  | 13.9  | 14.9        | 13.0        |
| Ternopil'ska                | 29.7  | 6.9         | 57.4        | 3.0               | 83.0  | 4  | 16.8                                     | 36.8                                   | 1.0  | 14.8  | 15.4        | 14.2        |
| Kharkiv'ska                 | 58.8  | 9.3         | 24.4        | 7.2               | 70.2  | 8  | 32.6                                     | 32.7                                   | 3.8  | 18.9  | 20.5        | 17.5        |
| Kherson'ska                 | 20.0  | 8.9         | 71.1        | 0.0               | 85.8  | 11   | 14.4                                     | 39.8                                   | 3.3  | 6.8   | 6.8         | 6.9         |
| Khmelnitska                 | 43.7  | 31.6        | 22.2        | 1.9               | 66.4  | 5  | 23.4                                     | 23.8                                   | 1.3  | 13.8  | 17.4        | 10.7        |
| Cherkasska                  | 24.6  | 21.2        | 50.8        | 1.7               | 82.1  | 14   | 15.3                                     | 50.4                                   | 8.5  | 10.0  | 11.6        | 8.7         |
| Chernivetska                | 18.4  | 30.3        | 50.0        | 1.3               | 82.8  | 6  | 43.4                                     | 30.7                                   | 1.3  | 16.4  | 18.6        | 14.5        |
| Chernigiv'ska               | 24.3  | 11.2        | 51.4        | 13.1              | 81.9  | 5  | 15.9                                     | 34.2                                   | 0.0  | 10.5  | 10.9        | 10.2        |
| Kyiv city                   | 20.3  | 7.3         | 1.3         | 69.4              | 71.1  | 26   | 31.6                                     | 52.5                                   | 2.3  | 16.8  | 19.7        | 14.3        |
| Sevastopol city             | 37.5  | 17.2        | 43.8        | 0.0               | 81.0  | 3  | 26.6                                     | 28.2                                   | 1.6  | 12.0  | 12.0        | 12.0        |

\* - «special treatment» includes now prophylactic anticancer treatment also (see Description of rates in tables)