

| Table 1 General rates, 2005  |  |  | ♀          | ♂          | ■           |
|--|--|--|------------|------------|-------------|
| <b>Incidence: number of new cases</b>  |  |  | 2547       | 1016       | 1531        |
| <b>Incidence (crude rate)</b>  |  |  | 5.4        | 4.7        | 6.0         |
| <b>Incidence (age-standardised, world standard)</b>  |  |  | 3.6        | 3.4        | 3.8         |
| <b>Incidence (age-standardised, Ukrainian standard)</b>  |  |  | 5.1        | 5.0        | 5.3         |
| <b>Change of incidence rate 2005 in comparison with 2004<br/>(age-standardized rates, Ukrainian standard, %)</b> |  |  | 1.79<br>~~ | 5.01<br>~~ | -1.12<br>~~ |
| <b>Mortality: number of new cases</b>  |  |  | 1106       | 477        | 629         |
| <b>Mortality (crude rate)</b>  |  |  | 2.4        | 2.2        | 2.5         |
| <b>Mortality (age-standardised, world standard)</b>  |  |  | 1.5        | 1.6        | 1.5         |
| <b>Mortality (age-standardised, Ukrainian standard)</b>  |  |  | 2.2        | 2.4        | 2.2         |
| <b>Lived less than 1 year since the diagnosis in 2005, %</b>   |  |  | 15.5       | 19.4       | 12.9        |
| <b>From among the newly diagnosed – diagnosed post mortem, %</b>   |  |  | 0.2        | 0.3        | 0.1         |
| <b>Microscopically verified diagnoses, %</b>   |  |  | 97.6       | 97.0       | 98.0        |
| <b>Diagnoses verified with histology, %</b>  |  |  | 94.5       | 93.8       | 95.0        |
| <b>Patients diagnosed during the preventive medical examinations, %</b>  |  |  | 34.6       | 33.7       | 35.1        |
| <b>Newly diagnosed patients underwent the special treatment, %</b>   |  |  | 87.8       | 87.3       | 88.1        |
| <b>From among them:</b>  |  |  |            |            |             |
| <b>- surgical treatment only, %</b>  |  |  | 57.2       | 54.3       | 59.1        |
| <b>- combined or complex scheme of treatment, %</b>  |  |  | 37.4       | 40.1       | 35.5        |
| <b>Incidence of children population (per 100 000 of children pop.)</b>   |  |  | 0.0        | 0.0        | 0.0         |
| <b>Mortality of children population (per 100 000 of children pop.)</b>   |  |  | 0.0        | 0.0        | 0.0         |

| Table 2<br>Incidence and mortality, 2005 | Crude incidence rate per 100 000 of population |     |      | Age-standardised incidence rate (world standard) |     |     | Age-standardised incidence rate (Ukrainian standard) |      |     | Crude mortality rate per 100 000 of population |     |     | Age-standardised mortality rate (world standard) |     |     | Age-standardised mortality rate (Ukrainian standard) |     |     |
|--|--|-----|------|--|-----|-----|--|------|-----|--|-----|-----|--|-----|-----|--|-----|-----|
|  | ♀  | ♂   | ■    | ♀  | ♂   | ■   | ♀  | ♂    | ■   | ♀  | ♂   | ■   | ♀  | ♂   | ■   | ♀  | ♂   | ■   |
| Ukraine                                  | 5.4  | 4.7 | 6.0  | 3.6  | 3.4 | 3.8 | 5.1  | 5.0  | 5.3 | 2.4  | 2.2 | 2.5 | 1.5  | 1.6 | 1.5 | 2.2  | 2.4 | 2.2 |
| AR Krym                                  | 7.8  | 6.3 | 9.0  | 4.9  | 4.4 | 5.4 | 7.4  | 6.8  | 8.0 | 2.8  | 2.3 | 3.2 | 1.8  | 1.9 | 1.8 | 2.8  | 2.9 | 2.8 |
| Vinnitska                                | 5.9  | 5.2 | 6.5  | 3.8  | 3.6 | 4.1 | 5.4  | 5.2  | 5.6 | 1.6  | 1.5 | 1.6 | 1.2  | 1.2 | 1.0 | 1.5  | 1.4 | 1.4 |
| Volynska                                 | 3.3  | 3.3 | 3.3  | 2.4  | 2.6 | 2.4 | 3.5  | 4.2  | 3.2 | 1.1  | 1.2 | 0.9 | 0.7  | 0.9 | 0.6 | 1.2  | 1.6 | 0.9 |
| Dnipropetrovska                          | 5.6  | 4.7 | 6.3  | 3.7  | 3.4 | 4.1 | 5.2  | 4.7  | 5.6 | 2.7  | 2.3 | 2.9 | 1.7  | 1.6 | 1.9 | 2.4  | 2.3 | 2.5 |
| Donetska                                 | 5.2  | 4.3 | 6.0  | 3.5  | 3.1 | 3.7 | 4.8  | 4.4  | 5.1 | 1.8  | 1.6 | 2.0 | 1.2  | 1.2 | 1.3 | 1.7  | 1.8 | 1.8 |
| Zhytomirska                              | 4.5  | 5.0 | 4.0  | 3.1  | 3.6 | 2.8 | 4.2  | 5.0  | 3.8 | 2.6  | 2.2 | 2.9 | 1.6  | 1.6 | 1.6 | 2.4  | 2.2 | 2.4 |
| Zakarpatska                              | 3.7  | 3.2 | 4.2  | 2.8  | 2.5 | 3.1 | 4.3  | 4.4  | 4.5 | 1.6  | 1.3 | 1.9 | 1.3  | 1.1 | 1.4 | 1.8  | 1.8 | 1.9 |
| Zaporizzka                               | 6.0  | 5.0 | 6.8  | 4.1  | 3.8 | 4.2 | 5.7  | 5.1  | 6.0 | 3.3  | 3.0 | 3.4 | 2.0  | 2.0 | 1.8 | 2.9  | 2.9 | 2.8 |
| Ivano-Frankivska                         | 4.8  | 5.3 | 4.4  | 3.4  | 4.3 | 2.7 | 4.9  | 6.1  | 4.0 | 2.2  | 2.3 | 2.2 | 1.5  | 1.7 | 1.2 | 2.2  | 2.5 | 1.9 |
| Kyivska                                  | 6.1  | 6.5 | 5.8  | 4.0  | 4.7 | 3.4 | 5.6  | 6.7  | 4.8 | 2.8  | 2.8 | 2.8 | 1.8  | 2.1 | 1.7 | 2.9  | 3.3 | 2.6 |
| Kirovogradksa                            | 6.0  | 6.1 | 6.0  | 4.1  | 4.2 | 4.2 | 5.5  | 5.9  | 5.5 | 2.9  | 2.6 | 3.1 | 1.8  | 1.8 | 1.7 | 2.7  | 2.5 | 2.8 |
| Louganska                                | 3.6  | 2.5 | 4.5  | 2.3  | 1.7 | 2.8 | 3.2  | 2.5  | 3.8 | 2.3  | 2.0 | 2.5 | 1.4  | 1.3 | 1.4 | 2.0  | 1.8 | 2.1 |
| Lvivska                                  | 4.8  | 3.9 | 5.6  | 3.2  | 2.9 | 3.5 | 4.8  | 4.7  | 5.1 | 2.1  | 2.3 | 1.9 | 1.5  | 1.8 | 1.3 | 2.2  | 2.7 | 1.9 |
| Mykolajivska                             | 6.1  | 3.9 | 8.0  | 3.9  | 2.7 | 4.8 | 5.6  | 3.9  | 6.7 | 2.8  | 2.6 | 2.9 | 1.8  | 1.9 | 1.8 | 2.6  | 2.8 | 2.5 |
| Odesska                                  | 6.1  | 4.6 | 7.4  | 4.1  | 3.4 | 4.7 | 6.0  | 5.5  | 6.7 | 2.6  | 2.3 | 2.8 | 1.7  | 1.8 | 1.7 | 2.8  | 3.1 | 2.6 |
| Poltavksa                                | 5.7  | 5.2 | 6.1  | 3.6  | 3.5 | 3.8 | 5.0  | 4.8  | 5.4 | 2.4  | 2.2 | 2.5 | 1.5  | 1.5 | 1.5 | 2.2  | 2.1 | 2.2 |
| Rivnenska                                | 2.9  | 2.7 | 2.9  | 2.1  | 2.4 | 1.8 | 3.1  | 3.1  | 2.8 | 1.3  | 1.5 | 1.2 | 1.0  | 1.2 | 0.8 | 1.4  | 1.6 | 1.2 |
| Soumska                                  | 4.4  | 3.9 | 4.7  | 2.8  | 2.7 | 3.0 | 3.9  | 4.0  | 3.9 | 3.0  | 2.8 | 3.1 | 1.7  | 1.9 | 1.6 | 2.6  | 2.8 | 2.4 |
| Ternopilska                              | 4.0  | 5.0 | 3.2  | 2.7  | 3.7 | 1.9 | 3.9  | 5.8  | 2.6 | 1.7  | 1.7 | 1.7 | 1.1  | 1.3 | 1.2 | 1.7  | 2.1 | 1.5 |
| Kharkivska                               | 6.0  | 4.1 | 7.6  | 3.8  | 2.9 | 4.5 | 5.7  | 4.6  | 6.6 | 2.7  | 2.4 | 2.9 | 1.8  | 1.8 | 1.9 | 2.5  | 2.6 | 2.5 |
| Khersonska                               | 6.3  | 5.3 | 7.1  | 4.5  | 4.3 | 4.6 | 6.0  | 5.8  | 6.3 | 2.4  | 1.9 | 2.8 | 1.7  | 1.4 | 1.9 | 2.2  | 2.2 | 2.5 |
| Khmelnitska                              | 5.3  | 5.2 | 5.4  | 3.4  | 3.8 | 3.1 | 5.1  | 5.6  | 4.6 | 2.3  | 1.7 | 2.8 | 1.4  | 1.2 | 1.6 | 2.0  | 1.7 | 2.3 |
| Cherkasska                               | 4.5  | 4.1 | 4.9  | 2.6  | 2.4 | 2.9 | 3.8  | 3.9  | 4.1 | 1.9  | 2.6 | 1.4 | 1.2  | 1.7 | 0.9 | 1.8  | 2.9 | 1.2 |
| Chernivetska                             | 4.3  | 2.8 | 5.6  | 3.1  | 2.2 | 3.8 | 4.4  | 3.1  | 5.4 | 1.3  | 1.7 | 1.0 | 0.9  | 1.3 | 0.5 | 1.3  | 1.7 | 0.9 |
| Chernigivska                             | 5.3  | 4.9 | 5.7  | 3.0  | 3.0 | 3.2 | 4.5  | 4.8  | 4.7 | 2.0  | 1.3 | 2.6 | 1.2  | 0.7 | 1.7 | 1.7  | 1.3 | 2.3 |
| Kyiv city                                | 7.4  | 6.7 | 8.1  | 5.2  | 5.4 | 5.2 | 7.7  | 7.9  | 7.6 | 2.9  | 2.9 | 2.9 | 2.0  | 2.2 | 1.8 | 3.2  | 3.4 | 2.9 |
| Sevastopol city                          | 10.4   | 9.9 | 10.8 | 6.4  | 7.0 | 6.2 | 9.2  | 10.0 | 8.8 | 6.1  | 6.4 | 5.9 | 3.8  | 4.2 | 3.4 | 5.4  | 6.7 | 4.5 |

| Table 3<br>Incidence and mortality, 2006 | Number of new cancer cases registered in 2006 |     |      | Crude incidence rate per 100 000 of population |     |      | Number of deaths from cancer registered in 2006 |     |     | Crude mortality rate per 100 000 of population |     |     |
|--|---|-----|------|--|-----|------|---|-----|-----|--|-----|-----|
|  | ♀   | ♂   | ●    | ♀  | ♂   | ●    | ♀   | ♂   | ●   | ♀  | ♂   | ●   |
| Ukraine                                  | 2322  | 941 | 1381 | 5.0  | 4.4 | 5.5  | 1027  | 488 | 539 | 2.2  | 2.3 | 2.1 |
| AR Krym                                  | 121   | 42  | 79   | 6.1  | 4.6 | 7.4  | 38  | 18  | 20  | 1.9  | 2.0 | 1.9 |
| Vinnitska                                | 68  | 29  | 39   | 4.0  | 3.8 | 4.2  | 29  | 13  | 16  | 1.7  | 1.7 | 1.7 |
| Volynska                                 | 43  | 18  | 25   | 4.1  | 3.7 | 4.5  | 16  | 10  | 6   | 1.5  | 2.1 | 1.1 |
| Dnipropetrovska                          | 162   | 73  | 89   | 4.7  | 4.6 | 4.8  | 74  | 36  | 38  | 2.2  | 2.3 | 2.0 |
| Donetska                                 | 168   | 63  | 105  | 3.6  | 3.0 | 4.2  | 104   | 44  | 60  | 2.3  | 2.1 | 2.4 |
| Zhytomirska                              | 64  | 27  | 37   | 4.8  | 4.4 | 5.2  | 20  | 9   | 11  | 1.5  | 1.5 | 1.5 |
| Zakarpatska                              | 43  | 18  | 25   | 3.5  | 3.0 | 3.9  | 22  | 12  | 10  | 1.8  | 2.0 | 1.6 |
| Zaporizzka                               | 110   | 38  | 72   | 5.9  | 4.5 | 7.1  | 53  | 26  | 27  | 2.9  | 3.1 | 2.7 |
| Ivano-Frankivska                         | 58  | 24  | 34   | 4.2  | 3.7 | 4.6  | 28  | 14  | 14  | 2.0  | 2.1 | 1.9 |
| Kyivska                                  | 108   | 49  | 59   | 6.1  | 6.0 | 6.2  | 48  | 23  | 25  | 2.7  | 2.8 | 2.6 |
| Kirovogradksa                            | 52  | 24  | 28   | 4.9  | 5.0 | 4.9  | 20  | 11  | 9   | 1.9  | 2.3 | 1.6 |
| Louganska                                | 103   | 33  | 70   | 4.3  | 3.0 | 5.4  | 45  | 15  | 30  | 1.9  | 1.4 | 2.3 |
| Lvivska                                  | 138   | 56  | 82   | 5.4  | 4.6 | 6.1  | 51  | 22  | 29  | 2.0  | 1.8 | 2.2 |
| Mykolajivska                             | 79  | 36  | 43   | 6.5  | 6.4 | 6.6  | 35  | 17  | 18  | 2.9  | 3.0 | 2.8 |
| Odesska                                  | 146   | 56  | 90   | 6.1  | 5.0 | 7.1  | 63  | 34  | 29  | 2.6  | 3.1 | 2.3 |
| Poltavska                                | 89  | 40  | 49   | 5.8  | 5.7 | 5.8  | 47  | 23  | 24  | 3.0  | 3.3 | 2.9 |
| Rivnenska                                | 43  | 19  | 24   | 3.7  | 3.5 | 3.9  | 16  | 6   | 10  | 1.4  | 1.1 | 1.6 |
| Soumska                                  | 67  | 35  | 32   | 5.5  | 6.3 | 4.8  | 28  | 13  | 15  | 2.3  | 2.3 | 2.3 |
| Ternopilska                              | 40  | 16  | 24   | 3.6  | 3.1 | 4.0  | 18  | 10  | 8   | 1.6  | 1.9 | 1.4 |
| Kharkivska                               | 124   | 50  | 74   | 4.4  | 3.9 | 4.9  | 62  | 33  | 29  | 2.2  | 2.6 | 1.9 |
| Khersonska                               | 59  | 25  | 34   | 5.2  | 4.8 | 5.6  | 25  | 14  | 11  | 2.2  | 2.7 | 1.8 |
| Khmelnitska                              | 50  | 20  | 30   | 3.7  | 3.2 | 4.1  | 26  | 13  | 13  | 1.9  | 2.1 | 1.8 |
| Cherkasska                               | 71  | 27  | 44   | 5.3  | 4.4 | 6.0  | 23  | 10  | 13  | 1.7  | 1.6 | 1.8 |
| Chernivetska                             | 22  | 9   | 13   | 2.4  | 2.1 | 2.7  | 15  | 4   | 11  | 1.7  | 0.9 | 2.3 |
| Chernigivska                             | 59  | 18  | 41   | 5.1  | 3.4 | 6.5  | 31  | 16  | 15  | 2.7  | 3.1 | 2.4 |
| Kyiv city                                | 192   | 79  | 113  | 7.2  | 6.4 | 7.9  | 75  | 37  | 38  | 2.8  | 3.0 | 2.7 |
| Sevastopol city                          | 43  | 17  | 26   | 11.4   | 9.9 | 12.7 | 15  | 5   | 10  | 4.0  | 2.9 | 4.9 |

| Table 4<br>Rates, 2006 | Stage distribution of new cases, 2006 (according to TNM), % |      |      |               | Lived less than 1 year since diagnosis in 2005, % | among them: diagnosed post-mortem in 2005, % | Received special treatment, % | Microscopically verified, % | During the preventive examination, % | Patients with cancer, 2006 (per 100 000 of population) |      |       |
|------------------------|---|------|------|---------------|---|--|-------------------------------|-----------------------------|--------------------------------------|--|------|-------|
|                        | I-II  | III  | IV   | Not specified |   |  |                               |                             |                                      | ♀  | ♂    | ●     |
| Ukraine                | 63.3  | 18.7 | 4.8  | 11.4          | 15.5  | 5  | 89.8                          | 98.1                        | 40.9                                 |  |      |       |
| AR Krym                | 60.6  | 22.0 | 2.8  | 13.8          | 11.9  | 0  | 86.2                          | 99.2                        | 34.9                                 | 60.2   | 38.7 | 78.3  |
| Vinnitska              | 87.5  | 4.7  | 4.7  | 3.1           | 10.9  | 0  | 90.6                          | 97.1                        | 60.9                                 | 42.4   | 27.5 | 55.1  |
| Volynska               | 61.0  | 26.8 | 4.9  | 4.9           | 18.2  | 0  | 92.7                          | 97.7                        | 34.1                                 | 26.7   | 18.2 | 34.3  |
| Dnipropetrovska        | 60.5  | 10.5 | 2.6  | 24.3          | 20.9  | 0  | 88.8                          | 98.1                        | 44.7                                 | 38.1   | 26.3 | 48.1  |
| Donetska               | 57.6  | 16.5 | 3.2  | 18.4          | 11.2  | 0  | 91.1                          | 99.4                        | 40.5                                 | 38.8   | 25.9 | 49.7  |
| Zhytomirska            | 48.4  | 43.5 | 6.5  | 1.6           | 15.8  | 0  | 98.4                          | 100.0                       | 41.9                                 | 29.0   | 22.4 | 34.6  |
| Zakarpatska            | 73.8  | 11.9 | 2.4  | 11.9          | 22.2  | 0  | 95.2                          | 97.7                        | 31.0                                 | 24.8   | 15.4 | 33.6  |
| Zaporizzka             | 49.5  | 43.4 | 7.1  | 0.0           | 14.4  | 0  | 75.8                          | 100.0                       | 43.4                                 |  |      |       |
| Ivano-Frankivska       | 39.6  | 45.3 | 0.0  | 15.1          | 26.6  | 0  | 90.6                          | 98.3                        | 13.2                                 | 24.0   | 17.4 | 29.8  |
| Kyivska                | 59.8  | 16.7 | 4.9  | 2.9           | 14.7  | 0  | 85.3                          | 99.1                        | 39.2                                 | 40.7   | 29.1 | 50.8  |
| Kirovogradksa          | 55.3  | 36.2 | 8.5  | 0.0           | 13.3  | 0  | 85.1                          | 92.3                        | 27.7                                 | 35.2   | 24.9 | 43.9  |
| Louganska              | 55.7  | 22.7 | 3.1  | 17.5          | 19.8  | 1  | 92.8                          | 100.0                       | 51.5                                 | 31.4   | 18.8 | 42.1  |
| Lvivska                | 60.8  | 22.3 | 6.9  | 10.0          | 16.0  | 0  | 88.5                          | 94.2                        | 50.0                                 | 37.7   | 28.2 | 46.3  |
| Mykolajivska           | 66.7  | 2.8  | 6.9  | 23.6          | 15.8  | 1  | 83.3                          | 94.9                        | 38.9                                 | 46.9   | 32.1 | 59.6  |
| Odesska                | 77.6  | 9.8  | 9.8  | 1.4           | 13.1  | 1  | 89.5                          | 98.6                        | 35.7                                 | 42.0   | 32.6 | 50.3  |
| Poltavska              | 76.8  | 14.6 | 7.3  | 1.2           | 13.6  | 0  | 92.7                          | 98.9                        | 29.3                                 | 41.8   | 28.1 | 53.3  |
| Rivnenska              | 26.8  | 2.4  | 0.0  | 61.0          | 16.1  | 0  | 92.7                          | 97.7                        | 51.2                                 |  |      |       |
| Soumska                | 79.4  | 9.5  | 1.6  | 7.9           | 22.4  | 1  | 92.1                          | 97.0                        | 39.7                                 | 33.5   | 23.1 | 42.3  |
| Ternopilska            | 34.2  | 47.4 | 10.5 | 7.9           | 21.4  | 0  | 100.0                         | 100.0                       | 42.1                                 | 30.1   | 22.7 | 36.5  |
| Kharkivska             | 58.8  | 18.4 | 7.0  | 15.8          | 9.9   | 1  | 87.7                          | 100.0                       | 37.7                                 | 41.4   | 29.9 | 51.2  |
| Khersonska             | 75.0  | 12.5 | 1.8  | 8.9           | 17.9  | 0  | 98.2                          | 100.0                       | 7.1                                  | 40.4   | 27.2 | 51.9  |
| Khmelnitska            | 79.6  | 16.3 | 4.1  | 0.0           | 24.2  | 0  | 83.7                          | 92.0                        | 32.7                                 | 32.6   | 21.2 | 42.4  |
| Cherkasska             | 65.6  | 21.9 | 7.8  | 4.7           | 20.0  | 0  | 95.3                          | 98.6                        | 37.5                                 | 37.6   | 25.9 | 47.4  |
| Chernivetska           | 66.7  | 19.0 | 9.5  | 4.8           | 18.9  | 0  | 85.7                          | 100.0                       | 23.8                                 | 24.4   | 15.8 | 31.9  |
| Chernigivska           | 62.5  | 28.6 | 3.6  | 5.4           | 26.2  | 0  | 89.3                          | 93.2                        | 37.5                                 | 35.0   | 20.5 | 46.9  |
| Kyiv city              | 70.2  | 10.5 | 0.6  | 18.1          | 8.4   | 0  | 92.4                          | 99.5                        | 64.9                                 | 57.9   | 42.5 | 71.2  |
| Sevastopol city        | 87.8  | 2.4  | 9.8  | 0.0           | 14.7  | 0  | 95.1                          | 100.0                       | 43.9                                 | 109.5  | 81.3 | 133.1 |