

| Table 1 General rates, 2006  |  |  |  |  |  |  | ▼           | ▼           | ▼           | ▼ |
|--|--|--|--|--|--|--|-------------|-------------|-------------|---|
| <b>Incidence: number of new cases</b>  |  |  |  |  |  |  | 18349       | 7840        | 10509       |   |
| <b>Incidence (crude rate)</b>  |  |  |  |  |  |  | 39.3        | 36.3        | 41.7        |   |
| <b>Incidence (age-standardised, world standard)</b>  |  |  |  |  |  |  | 20.8        | 24.6        | 18.9        |   |
| <b>Incidence (age-standardised, Ukrainian standard)</b>  |  |  |  |  |  |  | 36.5        | 44.3        | 32.8        |   |
| <b>Change of incidence rate 2006 in comparison with 2005<br/>(age-standardized rates, Ukrainian standard, %)</b> |  |  |  |  |  |  | -5.47<br>↓↓ | -5.26<br>↓↓ | -6.21<br>↓↓ |   |
| <b>Mortality: number of new cases</b>  |  |  |  |  |  |  | 562         | 303         | 259         |   |
| <b>Mortality (crude rate)</b>  |  |  |  |  |  |  | 1.2         | 1.4         | 1.0         |   |
| <b>Mortality (age-standardised, world standard)</b>  |  |  |  |  |  |  | 0.6         | 1.0         | 0.4         |   |
| <b>Mortality (age-standardised, Ukrainian standard)</b>  |  |  |  |  |  |  | 1.1         | 1.9         | 0.7         |   |
| <b>Lived less than 1 year since the diagnosis in 2006, %</b>   |  |  |  |  |  |  | 3.1         | 3.7         | 2.7         |   |
| <b>From among the newly diagnosed – diagnosed post mortem, %</b>   |  |  |  |  |  |  | 0.0         | 0.0         | 0.1         |   |
| <b>Microscopically verified diagnoses, %</b>   |  |  |  |  |  |  | 97.3        | 97.3        | 97.2        |   |
| <b>Diagnoses verified with histology, %</b>  |  |  |  |  |  |  | 64.8        | 65.7        | 64.1        |   |
| <b>Patients diagnosed during the preventive medical examinations, %</b>  |  |  |  |  |  |  | 53.1        | 52.4        | 53.6        |   |
| <b>Newly diagnosed patients underwent the special treatment, %</b>   |  |  |  |  |  |  | 86.2        | 86.2        | 86.2        |   |
| <b>From among them:</b>  |  |  |  |  |  |  |             |             |             |   |
| - surgical treatment only, %   |  |  |  |  |  |  | 57.0        | 57.2        | 56.8        |   |
| - combined or complex scheme of treatment, %   |  |  |  |  |  |  | 7.1         | 7.1         | 7.1         |   |
| <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, 2006 | 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                                  | 39.3   | 36.3 | 41.7 | 20.8   | 24.6 | 18.9 | 36.5   | 44.3  | 32.8 | 1.2  | 1.4 | 1.0 | 0.6  | 1.0 | 0.4 | 1.1  | 1.9 | 0.7 |
| AR Krym                                  | 59.0   | 48.4 | 68.0 | 32.2   | 34.2 | 31.8 | 57.1   | 62.4  | 55.3 | 1.2  | 1.7 | 0.8 | 0.6  | 1.1 | 0.3 | 1.1  | 2.0 | 0.6 |
| Vinnitska                                | 40.1   | 36.0 | 43.5 | 19.1   | 22.7 | 18.0 | 33.7   | 41.6  | 31.1 | 1.2  | 1.4 | 1.1 | 0.6  | 1.0 | 0.4 | 1.0  | 1.8 | 0.7 |
| Volynska                                 | 32.1   | 27.3 | 36.3 | 18.1   | 19.9 | 17.0 | 32.2   | 36.5  | 29.9 | 0.2  | 0.2 | 0.2 | 0.1  | 0.3 | 0.0 | 0.2  | 0.4 | 0.1 |
| Dnipropetrovska                          | 41.2   | 41.3 | 41.1 | 21.1   | 27.3 | 17.6 | 37.5   | 48.8  | 31.7 | 1.4  | 1.8 | 1.0 | 0.6  | 1.2 | 0.3 | 1.2  | 2.3 | 0.7 |
| Donetska                                 | 30.7   | 30.0 | 31.3 | 15.2   | 18.8 | 13.1 | 26.8   | 33.0  | 23.3 | 2.1  | 2.6 | 1.8 | 1.0  | 1.7 | 0.7 | 1.9  | 3.4 | 1.3 |
| Zhytomirska                              | 43.3   | 38.8 | 47.2 | 21.9   | 24.8 | 20.7 | 37.9   | 44.8  | 35.1 | 2.1  | 2.8 | 1.5 | 1.0  | 2.0 | 0.5 | 2.0  | 4.0 | 1.1 |
| Zakarpatska                              | 24.6   | 19.9 | 29.0 | 16.5   | 16.5 | 16.4 | 29.4   | 28.9  | 29.6 | 0.5  | 0.5 | 0.5 | 0.3  | 0.4 | 0.2 | 0.5  | 0.6 | 0.4 |
| Zaporizzka                               | 59.7   | 53.5 | 64.8 | 31.5   | 35.1 | 30.1 | 54.2   | 62.5  | 51.0 | 1.1  | 1.7 | 0.7 | 0.6  | 1.2 | 0.2 | 1.2  | 2.4 | 0.5 |
| Ivano-Frankivska                         | 29.7   | 27.4 | 31.8 | 16.1   | 19.8 | 14.0 | 29.2   | 36.1  | 25.5 | 1.4  | 1.4 | 1.4 | 0.7  | 0.9 | 0.4 | 1.3  | 1.7 | 0.9 |
| Kyivska                                  | 36.7   | 34.5 | 38.6 | 19.4   | 23.6 | 17.7 | 33.8   | 42.5  | 30.2 | 1.3  | 2.0 | 0.6 | 0.5  | 1.3 | 0.3 | 0.9  | 2.5 | 0.4 |
| Kirovogradksa                            | 50.4   | 47.6 | 52.8 | 24.4   | 31.4 | 21.5 | 44.1   | 58.6  | 38.5 | 0.8  | 1.2 | 0.4 | 0.3  | 0.7 | 0.1 | 0.6  | 1.4 | 0.2 |
| Louganska                                | 37.0   | 34.6 | 39.0 | 19.1   | 23.1 | 16.8 | 33.7   | 40.4  | 29.9 | 1.6  | 1.7 | 1.5 | 0.7  | 1.0 | 0.5 | 1.4  | 2.1 | 1.1 |
| Lvivska                                  | 34.9   | 33.0 | 36.7 | 20.0   | 23.3 | 18.1 | 34.5   | 41.6  | 30.7 | 1.1  | 1.4 | 0.7 | 0.6  | 1.1 | 0.2 | 1.1  | 2.0 | 0.5 |
| Mykolajivska                             | 51.2   | 47.2 | 54.6 | 29.0   | 33.7 | 27.1 | 50.3   | 61.2  | 45.7 | 1.6  | 2.8 | 0.5 | 0.8  | 1.8 | 0.2 | 1.5  | 3.6 | 0.3 |
| Odesska                                  | 50.7   | 46.3 | 54.5 | 29.3   | 33.0 | 27.4 | 50.4   | 58.7  | 46.3 | 0.5  | 0.3 | 0.6 | 0.2  | 0.2 | 0.2 | 0.4  | 0.4 | 0.4 |
| Poltavksa                                | 48.0   | 45.1 | 50.5 | 23.5   | 28.6 | 21.4 | 41.6   | 52.4  | 37.2 | 1.2  | 0.9 | 1.4 | 0.5  | 0.6 | 0.6 | 1.0  | 1.2 | 1.0 |
| Rivnenska                                | 18.5   | 14.5 | 22.2 | 11.5   | 11.6 | 11.8 | 20.4   | 21.9  | 19.8 | 1.7  | 1.5 | 2.0 | 1.1  | 1.2 | 0.9 | 2.1  | 2.2 | 1.8 |
| Soumska                                  | 53.8   | 50.5 | 56.6 | 25.4   | 30.1 | 24.1 | 44.9   | 55.8  | 41.4 | 1.6  | 2.3 | 0.9 | 0.7  | 1.5 | 0.3 | 1.4  | 3.0 | 0.5 |
| Ternopilska                              | 33.2   | 27.8 | 37.8 | 17.1   | 19.0 | 16.6 | 30.1   | 34.4  | 28.7 | 0.6  | 0.8 | 0.5 | 0.3  | 0.4 | 0.3 | 0.6  | 0.9 | 0.4 |
| Kharkivska                               | 21.6   | 21.6 | 21.6 | 11.6   | 15.0 | 9.6  | 20.5   | 26.7  | 17.0 | 0.4  | 0.5 | 0.3 | 0.2  | 0.4 | 0.1 | 0.4  | 0.7 | 0.3 |
| Khersonska                               | 23.6   | 23.6 | 23.6 | 13.2   | 17.5 | 10.6 | 23.3   | 31.2  | 19.2 | 1.4  | 1.5 | 1.3 | 0.8  | 1.1 | 0.6 | 1.3  | 1.6 | 1.0 |
| Khmelnitska                              | 39.6   | 35.4 | 43.1 | 19.5   | 22.8 | 18.3 | 33.8   | 41.3  | 30.9 | 1.6  | 1.4 | 1.8 | 0.7  | 1.3 | 0.6 | 1.3  | 2.3 | 1.1 |
| Cherkasska                               | 52.5   | 51.6 | 53.2 | 25.0   | 30.9 | 22.1 | 43.5   | 55.6  | 37.7 | 0.6  | 0.3 | 0.8 | 0.2  | 0.2 | 0.2 | 0.4  | 0.4 | 0.4 |
| Chernivetska                             | 22.3   | 21.0 | 23.5 | 12.6   | 15.7 | 10.5 | 22.0   | 26.4  | 19.2 | 0.9  | 0.7 | 1.0 | 0.5  | 0.6 | 0.5 | 0.8  | 1.0 | 0.8 |
| Chernigivska                             | 39.8   | 34.7 | 44.1 | 17.5   | 19.8 | 16.5 | 30.0   | 33.8  | 28.4 | 0.6  | 1.0 | 0.3 | 0.3  | 0.6 | 0.1 | 0.5  | 1.1 | 0.1 |
| Kyiv city                                | 40.6   | 38.2 | 42.7 | 25.9   | 30.2 | 23.8 | 47.3   | 56.6  | 42.6 | 1.1  | 0.4 | 1.6 | 0.6  | 0.4 | 0.8 | 1.4  | 0.7 | 1.7 |
| Sevastopol city                          | 77.4   | 82.0 | 73.6 | 41.0   | 57.5 | 34.2 | 71.7   | 107.2 | 57.0 | 1.6  | 1.7 | 1.5 | 0.8  | 1.0 | 0.6 | 1.7  | 2.2 | 1.3 |

| Table 3<br>Incidence and mortality, 2007 | Number of new cancer cases registered in 2007 |      |       | Crude incidence rate per 100 000 of population |      |      | Number of deaths from cancer registered in 2007 |     |     | Crude mortality rate per 100 000 of population |     |     |
|--|---|------|-------|--|------|------|---|-----|-----|--|-----|-----|
|  | ♀   | ♂    | ●     | ♀  | ♂    | ●    | ♀   | ♂   | ●   | ♀  | ♂   | ●   |
| Ukraine                                  | 18607   | 7753 | 10854 | 40.0   | 36.2 | 43.4 | 552   | 283 | 269 | 1.2  | 1.3 | 1.1 |
| AR Krym                                  | 1216  | 475  | 741   | 61.8   | 52.7 | 69.4 | 16  | 5   | 11  | 0.8  | 0.6 | 1.0 |
| Vinnitska                                | 654   | 252  | 402   | 38.9   | 32.8 | 44.1 | 18  | 11  | 7   | 1.1  | 1.4 | 0.8 |
| Volynska                                 | 303   | 126  | 177   | 29.3   | 25.9 | 32.2 | 9   | 3   | 6   | 0.9  | 0.6 | 1.1 |
| Dnipropetrovska                          | 1446  | 648  | 798   | 42.3   | 41.4 | 43.0 | 57  | 37  | 20  | 1.7  | 2.4 | 1.1 |
| Donetska                                 | 1279  | 521  | 758   | 28.0   | 25.1 | 30.4 | 111   | 52  | 59  | 2.4  | 2.5 | 2.4 |
| Zhytomirska                              | 524   | 217  | 307   | 39.8   | 35.6 | 43.4 | 19  | 8   | 11  | 1.4  | 1.3 | 1.6 |
| Zakarpatska                              | 308   | 145  | 163   | 24.8   | 24.3 | 25.3 | 4   | 1   | 3   | 0.3  | 0.2 | 0.5 |
| Zaporizzka                               | 1082  | 434  | 648   | 58.6   | 51.5 | 64.6 | 28  | 12  | 16  | 1.5  | 1.4 | 1.6 |
| Ivano-Frankivska                         | 423   | 189  | 234   | 30.6   | 29.0 | 32.0 | 27  | 13  | 14  | 2.0  | 2.0 | 1.9 |
| Kyivska                                  | 641   | 256  | 385   | 36.7   | 31.8 | 40.9 | 25  | 12  | 13  | 1.4  | 1.5 | 1.4 |
| Kirovogradksa                            | 611   | 239  | 372   | 58.4   | 50.0 | 65.5 | 5   | 4   | 1   | 0.5  | 0.8 | 0.2 |
| Louganska                                | 926   | 381  | 545   | 39.0   | 35.1 | 42.2 | 36  | 16  | 20  | 1.5  | 1.5 | 1.6 |
| Lvivska                                  | 985   | 400  | 585   | 38.6   | 33.2 | 43.5 | 25  | 13  | 12  | 1.0  | 1.1 | 0.9 |
| Mykolajivska                             | 612   | 244  | 368   | 50.5   | 43.6 | 56.5 | 9   | 5   | 4   | 0.7  | 0.9 | 0.6 |
| Odesska                                  | 1268  | 523  | 745   | 53.2   | 47.0 | 58.6 | 33  | 18  | 15  | 1.4  | 1.6 | 1.2 |
| Poltavska                                | 603   | 256  | 347   | 39.3   | 36.5 | 41.7 | 9   | 6   | 3   | 0.6  | 0.9 | 0.4 |
| Rivnenska                                | 275   | 117  | 158   | 23.8   | 21.5 | 26.0 | 14  | 6   | 8   | 1.2  | 1.1 | 1.3 |
| Soumska                                  | 608   | 267  | 341   | 50.3   | 48.5 | 51.8 | 13  | 5   | 8   | 1.1  | 0.9 | 1.2 |
| Ternopilska                              | 394   | 170  | 224   | 35.8   | 33.2 | 37.9 | 8   | 5   | 3   | 0.7  | 1.0 | 0.5 |
| Kharkivska                               | 1003  | 407  | 596   | 35.9   | 31.7 | 39.4 | 15  | 10  | 5   | 0.5  | 0.8 | 0.3 |
| Khersonska                               | 329   | 153  | 176   | 29.5   | 29.6 | 29.4 | 16  | 12  | 4   | 1.4  | 2.3 | 0.7 |
| Khmelnitska                              | 560   | 241  | 319   | 41.2   | 38.5 | 43.6 | 8   | 4   | 4   | 0.6  | 0.6 | 0.6 |
| Cherkasska                               | 628   | 272  | 356   | 47.4   | 45.2 | 49.3 | 6   | 2   | 4   | 0.5  | 0.3 | 0.6 |
| Chernivetska                             | 206   | 94   | 112   | 22.8   | 22.2 | 23.3 | 9   | 5   | 4   | 1.0  | 1.2 | 0.8 |
| Chernigivska                             | 434   | 193  | 241   | 38.0   | 37.3 | 38.5 | 8   | 3   | 5   | 0.7  | 0.6 | 0.8 |
| Kyiv city                                | 997   | 425  | 572   | 37.3   | 34.3 | 39.8 | 15  | 11  | 4   | 0.6  | 0.9 | 0.3 |
| Sevastopol city                          | 292   | 108  | 184   | 77.4   | 62.8 | 89.7 | 9   | 4   | 5   | 2.4  | 2.3 | 2.4 |

| Table 4<br>Rates, 2007 | Stage distribution of new cases, 2007 (according to TNM), % |     |     |               | Lived less than 1 year since diagnosis in 2006, % | among them: diagnosed post-mortem in 2006, % | Received special treatment, % | Microscopically verified, % | During the preventive examination, % | Patients with cancer, 2007 (per 100 000 of population) |       |        |
|------------------------|---|-----|-----|---------------|---|--|-------------------------------|-----------------------------|--------------------------------------|--|-------|--------|
|                        | I-II  | III | IV  | Not specified |   |  |                               |                             |                                      | ♀  | ♂     | ●      |
| Ukraine                | 90.6  | 1.2 | 0.1 | 1.7           | 3.1   | 6  | 86.6                          | 97.2                        | 59.9                                 | 391.6  | 342.3 | 433.7  |
| AR Krym                | 93.9  | 0.5 | 0.0 | 1.2           | 2.0   | 0  | 88.2                          | 95.6                        | 42.3                                 | 548.5  | 462.9 | 620.8  |
| Vinnitska              | 87.6  | 0.2 | 0.0 | 4.3           | 2.4   | 0  | 89.3                          | 93.1                        | 79.6                                 | 433.2  | 361.4 | 493.5  |
| Volynska               | 90.7  | 1.1 | 0.0 | 0.7           | 3.7   | 1  | 82.6                          | 100.0                       | 75.1                                 | 314.9  | 271.0 | 353.8  |
| Dnipropetrovska        | 90.5  | 1.1 | 0.1 | 1.4           | 3.8   | 2  | 83.7                          | 98.2                        | 62.3                                 | 378.7  | 351.2 | 401.9  |
| Donetska               | 87.7  | 2.6 | 0.2 | 4.0           | 3.6   | 0  | 81.0                          | 96.9                        | 61.1                                 | 356.5  | 311.3 | 394.2  |
| Zhytomirska            | 88.4  | 1.8 | 0.4 | 0.2           | 2.2   | 0  | 89.7                          | 100.0                       | 56.0                                 | 351.3  | 310.5 | 386.5  |
| Zakarpatska            | 88.8  | 0.3 | 0.0 | 2.0           | 2.9   | 0  | 76.9                          | 99.7                        | 84.7                                 | 259.2  | 240.0 | 276.9  |
| Zaporizzka             | 95.1  | 0.2 | 0.0 | 0.1           | 1.3   | 0  | 83.3                          | 97.8                        | 64.6                                 | 440.4  | 379.7 | 491.4  |
| Ivano-Frankivska       | 88.8  | 2.7 | 0.0 | 0.0           | 6.2   | 0  | 87.0                          | 91.7                        | 48.4                                 | 284.3  | 239.3 | 324.5  |
| Kyivska                | 86.7  | 1.0 | 0.0 | 0.2           | 3.4   | 0  | 83.5                          | 98.1                        | 59.1                                 | 361.6  | 305.0 | 410.0  |
| Kirovogradksa          | 87.9  | 0.7 | 0.2 | 5.1           | 3.0   | 0  | 88.4                          | 95.9                        | 42.6                                 | 339.0  | 297.1 | 374.3  |
| Louganska              | 89.1  | 1.9 | 0.2 | 1.4           | 4.1   | 0  | 84.6                          | 99.1                        | 67.8                                 | 403.1  | 345.4 | 451.7  |
| Lvivska                | 88.9  | 0.5 | 0.0 | 4.2           | 2.6   | 0  | 91.3                          | 99.7                        | 67.7                                 | 378.1  | 329.0 | 422.2  |
| Mykolajivska           | 94.2  | 0.9 | 0.2 | 4.4           | 1.9   | 0  | 87.1                          | 94.0                        | 40.0                                 | 562.1  | 493.6 | 620.9  |
| Odesska                | 96.0  | 1.3 | 0.2 | 0.1           | 3.7   | 2  | 92.7                          | 99.6                        | 68.3                                 | 455.8  | 410.6 | 495.4  |
| Poltavska              | 89.6  | 1.5 | 0.2 | 1.1           | 4.4   | 0  | 91.6                          | 96.5                        | 36.9                                 | 443.4  | 396.4 | 483.1  |
| Rivnenska              | 83.7  | 0.8 | 0.0 | 3.0           | 5.4   | 0  | 69.6                          | 92.7                        | 94.7                                 | 257.8  | 212.2 | 298.7  |
| Soumska                | 92.6  | 0.2 | 0.0 | 0.9           | 3.6   | 0  | 83.7                          | 98.7                        | 61.0                                 | 579.2  | 468.2 | 672.1  |
| Ternopilska            | 89.5  | 1.1 | 0.6 | 0.3           | 2.4   | 0  | 90.3                          | 97.7                        | 50.3                                 | 331.2  | 279.0 | 376.4  |
| Kharkivska             | 93.1  | 0.7 | 0.1 | 1.2           | 4.1   | 0  | 92.4                          | 95.6                        | 48.8                                 | 320.8  | 292.5 | 344.7  |
| Khersonska             | 89.9  | 1.7 | 0.0 | 0.3           | 3.8   | 0  | 94.3                          | 99.4                        | 8.7                                  | 393.7  | 314.6 | 462.1  |
| Khmelnitska            | 88.4  | 0.6 | 0.0 | 0.0           | 2.9   | 1  | 80.7                          | 88.9                        | 56.5                                 | 335.5  | 288.1 | 376.2  |
| Cherkasska             | 86.1  | 4.4 | 0.0 | 1.3           | 3.8   | 0  | 91.0                          | 97.1                        | 43.0                                 | 437.1  | 393.7 | 473.4  |
| Chernivetska           | 85.3  | 2.1 | 0.5 | 0.5           | 3.8   | 0  | 78.0                          | 100.0                       | 87.4                                 | 325.8  | 285.8 | 360.9  |
| Chernigivska           | 93.3  | 2.3 | 0.0 | 0.0           | 4.1   | 0  | 93.5                          | 97.0                        | 86.5                                 | 334.7  | 298.2 | 364.9  |
| Kyiv city              | 91.7  | 0.4 | 0.2 | 3.4           | 1.2   | 0  | 83.7                          | 99.9                        | 85.6                                 | 376.3  | 347.0 | 401.5  |
| Sevastopol city        | 91.3  | 1.1 | 0.4 | 0.0           | 1.8   | 0  | 84.0                          | 100.0                       | 42.2                                 | 988.1  | 916.0 | 1048.5 |