

# Indices of data quality

## Leukaemia (C91-95)

|   | Male   |       |        |        | Female |       |        |        |
|---|--------|-------|--------|--------|--------|-------|--------|--------|
|   | Cases  | MV(%) | DCO(%) | ASR(W) | Cases  | MV(%) | DCO(%) | ASR(W) |
| <b>Africa</b>   |        |       |        |        |        |       |        |        |
| *Algeria, Batna   | 84     | 100.0 | –      | 5.0    | 67     | 100.0 | –      | 4.0    |
| *Algeria, Tizi Ouzou                                    | 43     | 100.0 | –      | 2.6    | 56     | 100.0 | –      | 3.3    |
| *Benin, Cotonou   | 46     | 97.8  | –      | 6.4    | 27     | 100.0 | –      | 3.0    |
| *France, La Réunion                                     | 169    | 100.0 | –      | 8.8    | 114    | 100.0 | –      | 5.0    |
| *Kenya, Eldoret   | 82     | 100.0 | –      | 5.9    | 75     | 100.0 | –      | 5.0    |
| *Kenya, Nairobi   | 236    | 93.2  | 6.4    | 5.5    | 183    | 94.5  | 4.9    | 4.6    |
| Mauritius   | 193    | 94.3  | –      | 5.9    | 162    | 96.9  | –      | 4.9    |
| *Morocco, Casablanca                                    | 333    | 95.2  | 4.8    | 3.2    | 271    | 95.9  | 4.1    | 2.5    |
| *Seychelles   | 18     | 100.0 | –      | 7.7    | 17     | 100.0 | –      | 6.0    |
| *South Africa, Eastern Cape                             | 17     | 41.2  | –      | 1.1    | 18     | 50.0  | –      | 1.0    |
| *Uganda, Kyadondo County                                | 139    | 100.0 | –      | 3.6    | 101    | 100.0 | –      | 2.1    |
| *Uganda, Gulu   | 15     | 73.3  | 6.7    | 2.0    | 14     | 64.3  | 7.1    | 1.9    |
| *Zimbabwe, Bulawayo : African                           | 48     | 97.9  | –      | 4.0    | 43     | 100.0 | –      | 3.2    |
| *Zimbabwe, Harare : African                             | 109    | 100.0 | –      | 4.2    | 89     | 100.0 | –      | 2.9    |
| <b>America, Central and South, and Caribbean</b>        |        |       |        |        |        |       |        |        |
| *Argentina, Entre Ríos Province                         | 79     | 64.6  | 34.2   | 3.8    | 74     | 66.2  | 33.8   | 3.2    |
| *Argentina, Mendoza                                     | 301    | 100.0 | –      | 6.2    | 271    | 100.0 | –      | 5.0    |
| Brazil, Aracaju   | 62     | 95.2  | 4.8    | 5.9    | 56     | 94.6  | 5.4    | 3.8    |
| *Brazil, Barretos                                       | 71     | 77.5  | 21.1   | 6.3    | 67     | 74.6  | 23.9   | 5.4    |
| Brazil, Belo Horizonte                                  | 349    | 78.8  | 21.2   | 5.7    | 293    | 78.8  | 21.2   | 3.3    |
| *Brazil, Campinas                                       | 178    | 84.3  | 15.7   | 8.1    | 154    | 79.2  | 20.1   | 5.5    |
| *Brazil, Curitiba                                       | 231    | 74.0  | 19.5   | 6.4    | 215    | 79.1  | 18.1   | 5.1    |
| Brazil, Goiânia   | 129    | 74.4  | 25.6   | 5.3    | 100    | 77.0  | 23.0   | 3.4    |
| *Brazil, Jaú  | 19     | 94.7  | –      | 5.3    | 19     | 100.0 | –      | 4.3    |
| Brazil, João Pessoa                                     | 81     | 72.8  | 16.0   | 8.0    | 72     | 73.6  | 19.4   | 5.2    |
| Brazil, Recife  | 148    | 89.9  | 8.8    | 6.9    | 177    | 89.8  | 5.6    | 5.9    |
| Chile, Region of Antofagasta                            | 42     | 95.2  | 4.8    | 4.6    | 41     | 100.0 | 0.0    | 4.7    |
| Chile, Valdivia   | 78     | 89.7  | 2.6    | 7.1    | 61     | 90.2  | 4.9    | 5.2    |
| Colombia, Bucaramanga                                   | 246    | 93.9  | 2.8    | 9.2    | 218    | 89.4  | 6.0    | 6.8    |
| Colombia, Cali  | 691    | 98.1  | –      | 12.1   | 528    | 97.9  | –      | 7.6    |
| Colombia, Manizales                                     | 72     | 66.7  | –      | 6.4    | 52     | 61.5  | –      | 3.8    |
| Colombia, Pasto   | 61     | 86.9  | 9.8    | 6.2    | 62     | 85.5  | 6.5    | 5.6    |
| Costa Rica  | 528    | 70.5  | 4.7    | 5.8    | 393    | 61.8  | 6.9    | 4.1    |
| Ecuador, Guayaquil                                      | 425    | 95.5  | 2.8    | 7.2    | 407    | 95.8  | 2.0    | 6.5    |
| Ecuador, Manabí   | 197    | 92.9  | 4.1    | 5.2    | 177    | 89.8  | 6.8    | 4.7    |
| Ecuador, Quito  | 424    | 96.2  | 3.5    | 10.0   | 394    | 89.3  | 8.4    | 8.4    |
| *France, Guadeloupe                                     | 109    | 90.8  | –      | 8.0    | 81     | 88.9  | –      | 5.3    |
| *France, Martinique                                     | 128    | 100.0 | –      | 8.2    | 108    | 100.0 | –      | 5.0    |
| *Peru, Lima   | 1063   | 88.6  | 6.7    | 7.8    | 984    | 86.3  | 9.6    | 6.5    |
| *Trinidad and Tobago                                    | 111    | 100.0 | 0.0    | 5.0    | 72     | 98.6  | 1.4    | 3.0    |
| USA, Puerto Rico  | 1144   | 90.6  | 2.8    | 8.8    | 969    | 90.5  | 3.1    | 6.9    |
| *Uruguay  | 789    | 80.9  | 18.4   | 7.1    | 662    | 76.7  | 22.4   | 5.1    |
| <b>America, North</b>                                   |        |       |        |        |        |       |        |        |
| Canada, Alberta   | 1898   | 99.7  | 0.1    | 13.3   | 1208   | 99.2  | 0.1    | 8.3    |
| Canada, British Columbia                                | 2234   | 98.4  | 0.5    | 10.8   | 1498   | 97.5  | 0.9    | 7.3    |
| *Canada, Manitoba                                       | 675    | 100.0 | –      | 13.4   | 432    | 99.1  | –      | 8.2    |
| *Canada, New Brunswick                                  | 511    | 98.6  | 0.2    | 13.7   | 370    | 98.1  | 0.0    | 9.6    |
| *Canada, Newfoundland                                   | 202    | 96.0  | 0.5    | 9.8    | 147    | 89.8  | 2.0    | 6.4    |
| Canada, Ontario   | 8271   | 75.8  | 0.7    | 15.2   | 5859   | 70.8  | 1.3    | 9.6    |
| *Canada, Prince Edward Island                           | 69     | 27.5  | –      | 11.4   | 49     | 34.7  | –      | 7.1    |
| Canada, Quebec  | 4445   | 92.1  | 7.5    | 12.4   | 3121   | 89.1  | 10.5   | 7.9    |
| Canada, Saskatchewan                                    | 676    | 95.9  | 1.5    | 14.8   | 425    | 93.9  | 1.2    | 8.9    |
| *Canada, Yukon  | 13     | 100.0 | –      | 12.5   | 5      | 100.0 | –      | 4.6    |
| USA   | 162708 | 91.0  | 4.1    | 13.6   | 116163 | 90.0  | 4.6    | 8.8    |
| USA : White   | 142383 | 90.8  | 4.1    | 14.2   | 99369  | 89.5  | 4.9    | 9.2    |
| USA : Black   | 12992  | 91.4  | 3.9    | 10.6   | 11221  | 91.8  | 3.8    | 7.3    |
| USA, NPCR   | 157462 | 90.9  | 4.2    | 13.6   | 112299 | 89.9  | 4.8    | 8.8    |
| USA, NPCR : White                                       | 137853 | 90.7  | 4.3    | 14.3   | 96026  | 89.5  | 5.0    | 9.2    |
| USA, NPCR : Black                                       | 12825  | 91.4  | 4.0    | 10.6   | 11083  | 91.8  | 3.8    | 7.3    |
| USA, NPCR : Asian and Pacific Islander                  | 4022   | 93.8  | 3.3    | 8.0    | 3111   | 94.0  | 2.7    | 5.5    |
| USA, NPCR : American Indian                             | 689    | 91.0  | 4.5    | 6.4    | 503    | 91.7  | 3.4    | 4.2    |
| *USA, SEER (18 registries)                              | 40562  | 93.2  | 0.4    | 13.0   | 29373  | 92.1  | 0.5    | 8.5    |
| *USA, SEER (18 registries) : White                      | 34008  | 93.1  | 0.4    | 13.9   | 24151  | 91.7  | 0.5    | 9.0    |
| *USA, SEER (18 registries) : Non-Hispanic White         | 29156  | 92.6  | 0.4    | 14.1   | 20353  | 91.1  | 0.5    | 9.1    |
| *USA, SEER (18 registries) : Hispanic White             | 4852   | 95.8  | 0.2    | 10.8   | 3798   | 95.0  | 0.4    | 8.0    |
| *USA, SEER (18 registries) : Black                      | 3292   | 93.5  | 0.4    | 10.5   | 2791   | 93.6  | 0.4    | 7.2    |
| *USA, SEER (18 registries) : Asian and Pacific Islander | 2223   | 95.2  | 0.4    | 7.7    | 1749   | 94.1  | 0.2    | 5.5    |
| *USA, SEER (9 registries)                               | 14590  | 94.0  | 0.3    | 13.4   | 10251  | 92.9  | 0.3    | 8.6    |
| *USA, SEER (9 registries) : White                       | 12182  | 93.8  | 0.2    | 14.3   | 8419   | 92.6  | 0.3    | 9.1    |
| *USA, SEER (9 registries) : Black                       | 1146   | 94.4  | 0.3    | 10.9   | 952    | 94.4  | 0.2    | 7.2    |
| USA, Alabama  | 2166   | 86.7  | 8.3    | 12.0   | 1585   | 84.0  | 11.0   | 7.7    |
| USA, Alabama : White                                    | 1709   | 86.3  | 8.9    | 12.4   | 1212   | 83.3  | 11.6   | 8.1    |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|   | Male  |       |        |             | Female |       |        |             |
|---|-------|-------|--------|-------------|--------|-------|--------|-------------|
|   | Cases | MV(%) | DCO(%) | ASR(W)      | Cases  | MV(%) | DCO(%) | ASR(W)      |
| <b>America, North (contd)</b>   |       |       |        |             |        |       |        |             |
| USA, Alabama : Black  | 344   | 86.0  | 7.3    | <b>9.2</b>  | 293    | 84.0  | 10.2   | <b>6.0</b>  |
| USA, Alaska   | 274   | 85.4  | 6.2    | <b>11.6</b> | 165    | 86.7  | 5.5    | <b>7.5</b>  |
| *USA, Alaska : Alaska, Natives  | 45    | 95.6  | –      | <b>13.9</b> | 22     | 86.4  | –      | <b>6.7</b>  |
| USA, Arizona  | 2823  | 85.5  | 9.4    | <b>10.9</b> | 1878   | 86.0  | 9.9    | <b>7.2</b>  |
| USA, Arizona : White  | 2637  | 85.4  | 9.6    | <b>11.4</b> | 1736   | 85.5  | 10.2   | <b>7.6</b>  |
| USA, Arizona : Black  | 68    | 89.7  | 5.9    | <b>7.1</b>  | 53     | 92.5  | 5.7    | <b>5.3</b>  |
| *USA, Arizona : Asian and Pacific Islander                            | 58    | 87.9  | 10.3   | <b>8.6</b>  | 41     | 97.6  | 2.4    | <b>5.4</b>  |
| USA, Arizona : American Indian  | 54    | 88.9  | 3.7    | <b>6.0</b>  | 48     | 85.4  | 10.4   | <b>4.6</b>  |
| USA, Arkansas   | 1591  | 93.6  | 5.0    | <b>13.7</b> | 1108   | 92.5  | 6.1    | <b>8.8</b>  |
| USA, Arkansas : White   | 1390  | 94.1  | 4.5    | <b>13.8</b> | 939    | 92.4  | 6.0    | <b>8.9</b>  |
| USA, Arkansas : Black   | 151   | 96.0  | 2.6    | <b>11.7</b> | 123    | 94.3  | 5.7    | <b>7.4</b>  |
| USA, California   | 16164 | 93.2  | 3.6    | <b>12.5</b> | 11409  | 92.1  | 4.1    | <b>8.1</b>  |
| USA, California : White   | 13568 | 92.9  | 3.9    | <b>13.6</b> | 9389   | 91.6  | 4.4    | <b>8.7</b>  |
| USA, California : Black   | 847   | 94.5  | 2.4    | <b>10.2</b> | 648    | 95.2  | 1.5    | <b>6.9</b>  |
| USA, California : Asian and Pacific Islander                          | 1403  | 94.9  | 2.4    | <b>7.6</b>  | 1147   | 92.9  | 3.3    | <b>5.5</b>  |
| *USA, California, Los Angeles County                                  | 3510  | 96.2  | 0.1    | <b>11.3</b> | 2700   | 94.7  | 0.2    | <b>7.7</b>  |
| *USA, California, Los Angeles County : White                          | 2812  | 96.1  | 0.1    | <b>12.5</b> | 2053   | 94.2  | 0.3    | <b>8.3</b>  |
| *USA, California, Los Angeles County : Non-Hispanic White             | 1690  | 94.8  | 0.1    | <b>13.5</b> | 1168   | 92.0  | 0.5    | <b>8.7</b>  |
| *USA, California, Los Angeles County : Hispanic White                 | 1122  | 98.0  | –      | <b>10.2</b> | 885    | 97.1  | –      | <b>7.5</b>  |
| *USA, California, Los Angeles County : Black                          | 281   | 98.2  | –      | <b>9.5</b>  | 270    | 97.4  | –      | <b>7.5</b>  |
| *USA, California, Los Angeles County : Chinese                        | 79    | 93.7  | –      | <b>4.3</b>  | 75     | 90.7  | –      | <b>3.7</b>  |
| *USA, California, Los Angeles County : Filipino                       | 76    | 97.4  | –      | <b>6.7</b>  | 88     | 95.5  | –      | <b>5.9</b>  |
| *USA, California, Los Angeles County : Korean                         | 36    | 94.4  | 2.8    | <b>4.2</b>  | 33     | 97.0  | 0.0    | <b>4.0</b>  |
| *USA, California, Los Angeles County : Asian and Pacific Islander     | 333   | 95.8  | 0.3    | <b>6.5</b>  | 305    | 95.1  | 0.0    | <b>5.1</b>  |
| *USA, California, San Francisco Bay Area                              | 1945  | 94.3  | 0.4    | <b>11.9</b> | 1258   | 91.8  | 0.2    | <b>7.1</b>  |
| *USA, California, San Francisco Bay Area : White                      | 1447  | 94.1  | 0.3    | <b>13.3</b> | 922    | 92.1  | 0.2    | <b>7.9</b>  |
| *USA, California, San Francisco Bay Area : Non-Hispanic White         | 1222  | 93.3  | 0.4    | <b>13.4</b> | 752    | 91.6  | 0.3    | <b>7.7</b>  |
| *USA, California, San Francisco Bay Area : Hispanic White             | 225   | 98.2  | –      | <b>10.6</b> | 170    | 94.1  | –      | <b>7.4</b>  |
| *USA, California, San Francisco Bay Area : Black                      | 142   | 96.5  | –      | <b>10.7</b> | 101    | 94.1  | –      | <b>6.3</b>  |
| *USA, California, San Francisco Bay Area : Asian and Pacific Islander | 326   | 94.2  | 0.9    | <b>8.2</b>  | 216    | 89.4  | 0.0    | <b>5.2</b>  |
| USA, Colorado   | 2424  | 90.2  | 3.4    | <b>12.6</b> | 1644   | 87.8  | 3.8    | <b>8.2</b>  |
| USA, Colorado : White   | 2271  | 90.2  | 3.5    | <b>12.8</b> | 1554   | 87.6  | 3.8    | <b>8.5</b>  |
| *USA, Colorado : Black  | 70    | 91.4  | 1.4    | <b>9.3</b>  | 40     | 85.0  | 5.0    | <b>5.5</b>  |
| *USA, Colorado : Asian and Pacific Islander                           | 41    | 85.4  | 0.0    | <b>9.3</b>  | 26     | 92.3  | 3.8    | <b>4.3</b>  |
| USA, Connecticut  | 1805  | 86.5  | 0.2    | <b>12.9</b> | 1479   | 86.4  | 0.3    | <b>8.9</b>  |
| USA, Connecticut : White  | 1605  | 86.2  | 0.2    | <b>12.9</b> | 1327   | 85.8  | 0.3    | <b>9.1</b>  |
| USA, Connecticut : Black  | 109   | 89.9  | –      | <b>9.3</b>  | 99     | 91.9  | –      | <b>6.5</b>  |
| USA, District of Columbia   | 178   | 88.2  | 7.3    | <b>9.4</b>  | 120    | 95.0  | 2.5    | <b>5.1</b>  |
| USA, District of Columbia : White                                     | 83    | 92.8  | 4.8    | <b>11.6</b> | 39     | 92.3  | 2.6    | <b>4.9</b>  |
| USA, District of Columbia : Black                                     | 88    | 84.1  | 9.1    | <b>8.1</b>  | 76     | 97.4  | 2.6    | <b>5.7</b>  |
| USA, Florida  | 15427 | 96.1  | 2.1    | <b>17.0</b> | 11325  | 96.0  | 2.2    | <b>11.5</b> |
| USA, Florida : White  | 13624 | 96.0  | 2.2    | <b>17.4</b> | 9674   | 95.9  | 2.3    | <b>11.7</b> |
| USA, Florida : Black  | 1198  | 95.7  | 2.1    | <b>12.3</b> | 1052   | 96.3  | 1.7    | <b>8.9</b>  |
| USA, Florida : Asian and Pacific Islander                             | 149   | 96.6  | 2.7    | <b>8.3</b>  | 136    | 95.6  | 0.7    | <b>5.8</b>  |
| USA, Georgia  | 4756  | 90.5  | 3.3    | <b>13.9</b> | 3559   | 89.0  | 4.2    | <b>9.1</b>  |
| USA, Georgia : White  | 3640  | 90.1  | 3.7    | <b>14.9</b> | 2603   | 88.1  | 4.6    | <b>9.7</b>  |
| USA, Georgia : Black  | 1000  | 90.9  | 2.6    | <b>11.9</b> | 860    | 90.9  | 3.0    | <b>7.8</b>  |
| USA, Georgia : Asian and Pacific Islander                             | 100   | 99.0  | 0.0    | <b>9.2</b>  | 78     | 96.2  | 1.3    | <b>7.1</b>  |
| *USA, Georgia, Atlanta  | 1407  | 91.6  | 0.4    | <b>13.3</b> | 1048   | 92.5  | 0.6    | <b>8.3</b>  |
| *USA, Georgia, Atlanta : White  | 911   | 91.4  | 0.3    | <b>14.8</b> | 654    | 91.6  | 0.8    | <b>9.5</b>  |
| *USA, Georgia, Atlanta : Black  | 430   | 91.2  | 0.5    | <b>12.0</b> | 348    | 93.7  | 0.3    | <b>7.1</b>  |
| USA, Idaho  | 960   | 88.0  | 4.2    | <b>14.9</b> | 646    | 85.4  | 3.9    | <b>9.4</b>  |
| USA, Indiana  | 3253  | 93.3  | 3.0    | <b>13.2</b> | 2300   | 93.5  | 2.3    | <b>8.3</b>  |
| USA, Indiana : White  | 3001  | 93.3  | 3.0    | <b>13.4</b> | 2127   | 93.4  | 2.3    | <b>8.7</b>  |
| USA, Indiana : Black  | 202   | 93.6  | 3.0    | <b>11.5</b> | 143    | 94.4  | 2.8    | <b>6.3</b>  |
| *USA, Iowa  | 1945  | 97.4  | 0.2    | <b>15.5</b> | 1279   | 94.8  | 0.3    | <b>9.4</b>  |
| USA, Kentucky   | 2558  | 88.5  | 3.5    | <b>15.4</b> | 1902   | 85.9  | 4.6    | <b>10.0</b> |
| USA, Louisiana  | 2208  | 91.9  | 2.4    | <b>13.2</b> | 1652   | 90.7  | 2.6    | <b>8.6</b>  |
| USA, Louisiana : White  | 1704  | 92.0  | 2.2    | <b>14.1</b> | 1242   | 89.8  | 2.9    | <b>9.5</b>  |
| USA, Louisiana : Black  | 482   | 91.9  | 2.5    | <b>11.3</b> | 394    | 93.4  | 1.8    | <b>7.3</b>  |
| *USA, Louisiana, New Orleans  | 337   | 91.7  | 0.3    | <b>11.2</b> | 303    | 91.1  | 1.0    | <b>8.2</b>  |
| *USA, Louisiana, New Orleans : White                                  | 216   | 93.1  | 0.5    | <b>12.4</b> | 187    | 91.4  | 1.1    | <b>8.5</b>  |
| *USA, Louisiana, New Orleans : Black                                  | 107   | 90.7  | 0.0    | <b>9.8</b>  | 106    | 89.6  | 0.9    | <b>7.8</b>  |
| USA, Maine  | 835   | 87.1  | 3.6    | <b>14.0</b> | 588    | 87.1  | 4.4    | <b>9.4</b>  |
| USA, Maryland   | 2560  | 84.8  | 6.7    | <b>12.1</b> | 1971   | 84.0  | 7.1    | <b>7.8</b>  |
| USA, Maryland : White   | 1938  | 84.7  | 6.2    | <b>13.3</b> | 1403   | 80.8  | 8.5    | <b>8.5</b>  |
| USA, Maryland : Black   | 513   | 84.4  | 8.6    | <b>9.7</b>  | 486    | 90.7  | 4.1    | <b>6.9</b>  |
| USA, Maryland : Asian and Pacific Islander                            | 80    | 86.2  | 7.5    | <b>6.6</b>  | 64     | 96.9  | 1.6    | <b>4.8</b>  |
| USA, Massachusetts  | 3156  | 89.0  | 2.9    | <b>12.3</b> | 2371   | 87.0  | 4.8    | <b>8.0</b>  |
| USA, Massachusetts : White  | 2869  | 88.6  | 2.9    | <b>12.5</b> | 2114   | 86.3  | 5.3    | <b>8.0</b>  |
| USA, Massachusetts : Black  | 146   | 87.7  | 4.8    | <b>9.2</b>  | 140    | 92.9  | 0.7    | <b>7.4</b>  |
| USA, Massachusetts : Asian and Pacific Islander                       | 88    | 100.0 | 0.0    | <b>8.0</b>  | 77     | 93.5  | 1.3    | <b>6.3</b>  |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|  | Male  |       |        |             | Female |       |        |             |
|--|-------|-------|--------|-------------|--------|-------|--------|-------------|
|  | Cases | MV(%) | DCO(%) | ASR(W)      | Cases  | MV(%) | DCO(%) | ASR(W)      |
| <b>America, North (contd)</b>                    |       |       |        |             |        |       |        |             |
| USA, Michigan                                    | 5242  | 90.8  | 4.1    | <b>13.3</b> | 3711   | 90.7  | 4.6    | <b>8.6</b>  |
| USA, Michigan : White                            | 4656  | 90.2  | 4.4    | <b>13.8</b> | 3165   | 89.9  | 5.0    | <b>8.6</b>  |
| USA, Michigan : Black                            | 417   | 94.7  | 2.9    | <b>9.9</b>  | 391    | 94.1  | 3.1    | <b>7.3</b>  |
| USA, Michigan : Asian and Pacific Islander       | 56    | 98.2  | —      | <b>6.7</b>  | 50     | 98.0  | —      | <b>5.6</b>  |
| *USA, Michigan, Detroit                          | 2149  | 97.4  | 0.3    | <b>14.8</b> | 1550   | 96.9  | 0.5    | <b>9.1</b>  |
| *USA, Michigan, Detroit : White                  | 1779  | 97.2  | 0.3    | <b>16.3</b> | 1207   | 96.9  | 0.5    | <b>9.7</b>  |
| *USA, Michigan, Detroit : Black                  | 312   | 98.7  | 0.3    | <b>10.6</b> | 298    | 97.0  | 0.3    | <b>7.6</b>  |
| USA, Minnesota                                   | 3393  | 94.6  | 2.4    | <b>15.6</b> | 2146   | 94.2  | 2.9    | <b>9.3</b>  |
| USA, Minnesota : White                           | 3214  | 94.5  | 2.5    | <b>15.9</b> | 1980   | 93.9  | 3.1    | <b>9.2</b>  |
| USA, Minnesota : Black                           | 70    | 94.3  | 2.9    | <b>10.1</b> | 50     | 94.0  | 2.0    | <b>6.3</b>  |
| *USA, Minnesota : Asian and Pacific Islander     | 47    | 100.0 | —      | <b>7.8</b>  | 54     | 100.0 | —      | <b>8.1</b>  |
| USA, Mississippi                                 | 1294  | 88.7  | 1.9    | <b>12.2</b> | 932    | 89.2  | 2.0    | <b>7.8</b>  |
| USA, Missouri                                    | 3156  | 90.3  | 5.0    | <b>13.2</b> | 2199   | 89.5  | 5.4    | <b>8.5</b>  |
| USA, Missouri : White                            | 2900  | 89.9  | 5.3    | <b>13.6</b> | 1977   | 89.3  | 5.6    | <b>8.7</b>  |
| USA, Missouri : Black                            | 232   | 95.3  | 1.3    | <b>11.4</b> | 193    | 90.7  | 3.6    | <b>7.4</b>  |
| USA, Montana                                     | 676   | 88.8  | 3.8    | <b>14.6</b> | 396    | 88.1  | 4.8    | <b>8.5</b>  |
| *USA, Montana : American Indian                  | 12    | 91.7  | 8.3    | <b>6.7</b>  | 17     | 88.2  | 0.0    | <b>7.9</b>  |
| USA, Nebraska                                    | 1002  | 92.1  | 3.9    | <b>14.0</b> | 686    | 91.0  | 5.0    | <b>9.1</b>  |
| USA, Nebraska : White                            | 945   | 91.9  | 4.0    | <b>14.0</b> | 651    | 90.8  | 5.1    | <b>9.1</b>  |
| *USA, Nebraska : Black                           | 26    | 96.2  | 3.8    | <b>10.2</b> | 20     | 100.0 | 0.0    | <b>8.0</b>  |
| USA, Nevada                                      | 1255  | 91.6  | 5.3    | <b>12.1</b> | 833    | 92.9  | 4.8    | <b>7.8</b>  |
| USA, Nevada : White                              | 1107  | 91.0  | 5.8    | <b>13.2</b> | 711    | 91.8  | 5.5    | <b>8.5</b>  |
| USA, Nevada : Black                              | 78    | 98.7  | 1.3    | <b>9.1</b>  | 52     | 98.1  | 1.9    | <b>5.9</b>  |
| *USA, Nevada : Asian and Pacific Islander        | 46    | 95.7  | 4.3    | <b>5.7</b>  | 55     | 100.0 | 0.0    | <b>5.1</b>  |
| USA, New Jersey                                  | 4976  | 92.3  | 3.3    | <b>14.5</b> | 3786   | 91.3  | 3.9    | <b>9.7</b>  |
| USA, New Jersey : White                          | 4177  | 92.2  | 3.3    | <b>15.2</b> | 3128   | 90.5  | 4.3    | <b>10.1</b> |
| USA, New Jersey : Black                          | 407   | 91.4  | 2.9    | <b>10.5</b> | 383    | 94.0  | 2.6    | <b>8.0</b>  |
| USA, New Mexico                                  | 938   | 94.1  | 0.5    | <b>12.2</b> | 730    | 94.7  | 0.7    | <b>8.8</b>  |
| USA, New Mexico : White                          | 841   | 94.1  | 0.6    | <b>12.5</b> | 647    | 94.6  | 0.8    | <b>9.1</b>  |
| USA, New Mexico : Non-Hispanic White             | 546   | 94.7  | 0.7    | <b>12.8</b> | 411    | 95.1  | 1.0    | <b>9.9</b>  |
| USA, New Mexico : Hispanic White                 | 295   | 92.9  | 0.3    | <b>11.0</b> | 236    | 93.6  | 0.4    | <b>8.0</b>  |
| *USA, New Mexico : American Indian               | 45    | 91.1  | —      | <b>7.4</b>  | 44     | 97.7  | —      | <b>6.3</b>  |
| USA, New York State                              | 11724 | 93.6  | 1.9    | <b>15.7</b> | 8610   | 92.5  | 2.4    | <b>9.9</b>  |
| USA, New York State : White                      | 9985  | 93.3  | 2.0    | <b>17.2</b> | 7092   | 91.9  | 2.7    | <b>10.7</b> |
| USA, New York State : Black                      | 1113  | 95.4  | 1.0    | <b>10.8</b> | 1094   | 95.2  | 0.9    | <b>8.0</b>  |
| USA, New York State : Asian and Pacific Islander | 501   | 96.8  | 1.8    | <b>9.7</b>  | 339    | 95.6  | 0.6    | <b>6.0</b>  |
| USA, North Carolina                              | 5147  | 90.9  | 3.7    | <b>14.0</b> | 3658   | 90.6  | 4.0    | <b>8.5</b>  |
| USA, North Carolina : White                      | 4221  | 90.6  | 3.8    | <b>14.5</b> | 2909   | 89.9  | 4.3    | <b>8.9</b>  |
| USA, North Carolina : Black                      | 767   | 92.2  | 3.9    | <b>11.8</b> | 628    | 92.7  | 3.3    | <b>7.3</b>  |
| USA, North Carolina : Asian and Pacific Islander | 51    | 94.1  | —      | <b>7.4</b>  | 30     | 96.7  | —      | <b>3.8</b>  |
| *USA, North Carolina : American Indian           | 32    | 90.6  | 0.0    | <b>7.1</b>  | 22     | 90.9  | 4.5    | <b>3.7</b>  |
| USA, North Dakota                                | 415   | 92.0  | 3.1    | <b>15.2</b> | 279    | 92.5  | 1.8    | <b>8.4</b>  |
| USA, Ohio  | 5396  | 86.1  | 8.2    | <b>12.0</b> | 3890   | 84.2  | 9.5    | <b>7.7</b>  |
| USA, Ohio : White                                | 4840  | 85.8  | 8.3    | <b>12.3</b> | 3427   | 83.6  | 9.9    | <b>7.9</b>  |
| USA, Ohio : Black                                | 401   | 85.8  | 8.7    | <b>9.0</b>  | 372    | 86.0  | 7.8    | <b>6.6</b>  |
| *USA, Ohio : Asian and Pacific Islander          | 55    | 87.3  | 10.9   | <b>8.3</b>  | 36     | 91.7  | 5.6    | <b>5.3</b>  |
| USA, Oklahoma                                    | 1936  | 87.7  | 6.2    | <b>13.0</b> | 1343   | 88.4  | 5.5    | <b>8.4</b>  |
| USA, Oklahoma : White                            | 1667  | 87.2  | 6.2    | <b>13.2</b> | 1159   | 87.6  | 6.1    | <b>8.6</b>  |
| USA, Oklahoma : Black                            | 118   | 90.7  | 6.8    | <b>13.3</b> | 72     | 91.7  | 2.8    | <b>6.9</b>  |
| USA, Oklahoma : American Indian                  | 110   | 89.1  | 8.2    | <b>10.3</b> | 83     | 94.0  | 1.2    | <b>7.2</b>  |
| USA, Oregon                                      | 2050  | 91.1  | 5.3    | <b>13.0</b> | 1399   | 89.5  | 6.0    | <b>8.2</b>  |
| USA, Oregon : White                              | 1931  | 90.9  | 5.5    | <b>13.1</b> | 1330   | 89.2  | 6.2    | <b>8.4</b>  |
| *USA, Oregon : Black                             | 31    | 93.5  | 0.0    | <b>12.1</b> | 19     | 94.7  | 5.3    | <b>7.6</b>  |
| *USA, Oregon : Asian and Pacific Islander        | 46    | 89.1  | 4.3    | <b>9.4</b>  | 34     | 97.1  | 2.9    | <b>5.1</b>  |
| USA, Rhode Island                                | 554   | 92.1  | 4.2    | <b>13.2</b> | 409    | 90.2  | 5.1    | <b>9.2</b>  |
| USA, Rhode Island : White                        | 522   | 91.8  | 4.4    | <b>13.7</b> | 385    | 90.6  | 4.4    | <b>9.7</b>  |
| *USA, Rhode Island : Black                       | 21    | 100.0 | 0.0    | <b>9.3</b>  | 15     | 93.3  | 6.7    | <b>6.4</b>  |
| USA, South Carolina                              | 2404  | 87.6  | 7.2    | <b>12.5</b> | 1707   | 87.1  | 6.9    | <b>8.1</b>  |
| USA, South Carolina : White                      | 1982  | 87.3  | 7.0    | <b>13.4</b> | 1318   | 87.5  | 6.8    | <b>8.5</b>  |
| USA, South Carolina : Black                      | 376   | 87.8  | 9.0    | <b>9.2</b>  | 358    | 84.4  | 8.1    | <b>6.9</b>  |
| USA, South Dakota                                | 508   | 83.7  | 3.5    | <b>14.2</b> | 369    | 82.7  | 2.7    | <b>11.0</b> |
| USA, Tennessee                                   | 3281  | 87.4  | 7.3    | <b>13.4</b> | 2317   | 87.9  | 6.3    | <b>8.6</b>  |
| USA, Tennessee : White                           | 2937  | 87.5  | 7.3    | <b>14.1</b> | 1996   | 87.7  | 6.3    | <b>8.9</b>  |
| USA, Tennessee : Black                           | 294   | 85.0  | 7.5    | <b>9.6</b>  | 280    | 89.3  | 7.1    | <b>7.3</b>  |
| USA, Texas                                       | 11619 | 86.4  | 8.4    | <b>13.3</b> | 8276   | 84.6  | 9.5    | <b>8.6</b>  |
| USA, Texas : White                               | 10285 | 86.4  | 8.4    | <b>14.0</b> | 7225   | 84.3  | 9.6    | <b>9.1</b>  |
| USA, Texas : Black                               | 975   | 85.9  | 7.7    | <b>10.8</b> | 808    | 85.1  | 9.3    | <b>7.2</b>  |
| USA, Texas : Asian and Pacific Islander          | 294   | 88.1  | 9.5    | <b>8.6</b>  | 188    | 91.5  | 6.9    | <b>4.9</b>  |
| USA, Utah  | 1205  | 92.9  | 0.2    | <b>13.4</b> | 801    | 91.6  | 0.0    | <b>8.8</b>  |
| USA, Vermont                                     | 324   | 86.7  | 2.8    | <b>12.1</b> | 213    | 77.5  | 6.1    | <b>7.8</b>  |
| USA, Washington State                            | 3752  | 93.0  | 2.5    | <b>14.0</b> | 2492   | 92.7  | 3.1    | <b>8.8</b>  |
| *USA, Washington, Seattle                        | 2638  | 95.0  | 0.0    | <b>14.6</b> | 1730   | 94.3  | 0.2    | <b>8.8</b>  |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|  | Male  |       |        |             | Female |       |        |            |
|--|-------|-------|--------|-------------|--------|-------|--------|------------|
|  | Cases | MV(%) | DCO(%) | ASR(W)      | Cases  | MV(%) | DCO(%) | ASR(W)     |
| <b>America, North (contd)</b>              |       |       |        |             |        |       |        |            |
| USA, West Virginia                         | 1146  | 90.1  | 2.7    | <b>14.5</b> | 819    | 86.6  | 3.7    | <b>9.5</b> |
| USA, Wyoming                               | 277   | 87.7  | 1.8    | <b>12.1</b> | 181    | 89.0  | 2.2    | <b>8.0</b> |
| <b>Asia</b>                                |       |       |        |             |        |       |        |            |
| Bahrain : Bahrainis                        | 89    | 87.6  | 2.2    | <b>6.1</b>  | 60     | 85.0  | 1.7    | <b>4.2</b> |
| Brunei Darussalam                          | 69    | 85.5  | 4.3    | <b>7.9</b>  | 43     | 81.4  | 7.0    | <b>4.8</b> |
| *China, Anfu County                        | 52    | 92.3  | –      | <b>5.6</b>  | 29     | 100.0 | –      | <b>3.6</b> |
| *China, Anguo City                         | 52    | 96.2  | –      | <b>5.1</b>  | 44     | 86.4  | –      | <b>4.0</b> |
| *China, Anshan City                        | 307   | 96.7  | 0.7    | <b>6.0</b>  | 223    | 94.6  | 0.9    | <b>3.5</b> |
| *China, Aohan District, Chifeng City       | 60    | 98.3  | –      | <b>4.0</b>  | 62     | 95.2  | –      | <b>3.9</b> |
| *China, Arun District                      | 27    | 92.6  | –      | <b>3.3</b>  | 21     | 90.5  | –      | <b>2.7</b> |
| *China, Baoding City                       | 222   | 94.1  | 0.5    | <b>7.0</b>  | 175    | 92.0  | 0.0    | <b>5.2</b> |
| *China, Beijing City                       | 1559  | 99.6  | 0.1    | <b>5.4</b>  | 1119   | 98.9  | 0.0    | <b>3.9</b> |
| *China, Binhai County                      | 160   | 100.0 | –      | <b>4.2</b>  | 116    | 100.0 | –      | <b>3.3</b> |
| *China, Cangzhou City                      | 76    | 98.7  | 0.0    | <b>5.8</b>  | 73     | 97.3  | 1.4    | <b>5.6</b> |
| China, Changfeng County                    | 82    | 100.0 | –      | <b>5.9</b>  | 63     | 100.0 | –      | <b>5.6</b> |
| China, Changzhou City                      | 515   | 98.8  | –      | <b>6.4</b>  | 390    | 99.5  | –      | <b>4.4</b> |
| China, Ci Xian County                      | 111   | 97.3  | 0.9    | <b>7.2</b>  | 51     | 96.1  | 2.0    | <b>3.3</b> |
| China, Cixi City                           | 181   | 93.9  | 5.5    | <b>5.6</b>  | 143    | 91.6  | 8.4    | <b>4.3</b> |
| *China, Dafeng District, Yancheng City     | 154   | 99.4  | 0.6    | <b>5.7</b>  | 128    | 99.2  | 0.8    | <b>4.7</b> |
| China, Dalian City                         | 553   | 91.3  | 3.4    | <b>6.7</b>  | 421    | 92.2  | 2.1    | <b>4.9</b> |
| *China, Dancheng County                    | 302   | 98.7  | –      | <b>10.8</b> | 215    | 99.1  | –      | <b>7.4</b> |
| China, Dangtu County                       | 55    | 98.2  | 1.8    | <b>5.5</b>  | 36     | 100.0 | 0.0    | <b>3.6</b> |
| *China, Danyang City                       | 169   | 63.3  | 1.2    | <b>5.9</b>  | 121    | 61.2  | 0.0    | <b>3.8</b> |
| *China, Dawukou District, Shizuishan City  | 33    | 97.0  | 0.0    | <b>4.2</b>  | 23     | 82.6  | 4.3    | <b>3.6</b> |
| *China, Dehui City                         | 127   | 99.2  | –      | <b>5.2</b>  | 135    | 100.0 | –      | <b>5.5</b> |
| *China, Donggang City                      | 129   | 80.6  | 1.6    | <b>5.8</b>  | 94     | 79.8  | 5.3    | <b>4.5</b> |
| *China, Dongguan City                      | 206   | 97.1  | 0.5    | <b>6.5</b>  | 175    | 92.0  | 0.0    | <b>5.5</b> |
| China, Donghai County                      | 204   | 99.5  | 0.5    | <b>5.8</b>  | 140    | 99.3  | 0.7    | <b>4.3</b> |
| *China, Dongtai City                       | 156   | 100.0 | –      | <b>4.2</b>  | 106    | 100.0 | –      | <b>3.9</b> |
| China, Duanzhou District, Zhaoqing City    | 68    | 61.8  | 7.4    | <b>7.8</b>  | 44     | 75.0  | 4.5    | <b>4.6</b> |
| *China, Ewenkizu Zizhiqi                   | 12    | 83.3  | 8.3    | <b>5.3</b>  | 9      | 100.0 | 0.0    | <b>2.9</b> |
| *China, Faku County                        | 66    | 100.0 | –      | <b>5.7</b>  | 50     | 100.0 | –      | <b>3.0</b> |
| *China, Fangcheng County                   | 105   | 95.2  | –      | <b>5.2</b>  | 67     | 97.0  | –      | <b>3.6</b> |
| *China, Feicheng County                    | 186   | 100.0 | –      | <b>6.1</b>  | 136    | 100.0 | –      | <b>4.8</b> |
| China, Feixi County                        | 219   | 95.4  | –      | <b>7.4</b>  | 164    | 92.1  | –      | <b>4.9</b> |
| China, Fuqing City                         | 150   | 75.3  | 3.3    | <b>7.0</b>  | 85     | 78.8  | 5.9    | <b>4.4</b> |
| *China, Ganyu District, Lianyungang City   | 187   | 88.8  | 3.2    | <b>5.3</b>  | 117    | 94.0  | 0.9    | <b>3.7</b> |
| *China, Ganzhou District, Zhangye City     | 26    | 92.3  | –      | <b>2.9</b>  | 18     | 100.0 | –      | <b>3.5</b> |
| *China, Gaocheng City                      | 80    | 100.0 | –      | <b>4.4</b>  | 79     | 100.0 | –      | <b>5.3</b> |
| China, Gaomi City                          | 130   | 99.2  | 0.8    | <b>5.7</b>  | 98     | 99.0  | 1.0    | <b>4.5</b> |
| China, Gong'an County                      | 169   | 99.4  | 0.6    | <b>6.1</b>  | 122    | 100.0 | 0.0    | <b>4.8</b> |
| *China, Guang'an District, Guang'an City   | 79    | 97.5  | 0.0    | <b>4.5</b>  | 63     | 96.8  | 1.6    | <b>3.7</b> |
| China, Guanghan City                       | 57    | 87.7  | –      | <b>4.9</b>  | 61     | 96.7  | –      | <b>4.3</b> |
| China, Guangzhou City                      | 1627  | 96.5  | 0.1    | <b>6.5</b>  | 1222   | 97.0  | 0.0    | <b>5.0</b> |
| *China, Guanyun County                     | 159   | 100.0 | –      | <b>5.2</b>  | 129    | 100.0 | –      | <b>4.2</b> |
| China, Guilin City                         | 160   | 96.9  | 0.0    | <b>8.0</b>  | 124    | 96.0  | 0.8    | <b>5.5</b> |
| *China, Hai'an City                        | 167   | 100.0 | –      | <b>4.4</b>  | 158    | 100.0 | –      | <b>3.6</b> |
| China, Hailar District, Hulun Buir City    | 50    | 98.0  | 2.0    | <b>4.4</b>  | 35     | 97.1  | 0.0    | <b>3.6</b> |
| China, Haimen City                         | 196   | 99.5  | 0.5    | <b>5.0</b>  | 157    | 99.4  | 0.6    | <b>4.7</b> |
| China, Haining City                        | 139   | 100.0 | –      | <b>6.6</b>  | 131    | 99.2  | –      | <b>5.1</b> |
| China, Hangzhou City                       | 1239  | 97.3  | 0.6    | <b>5.6</b>  | 850    | 97.2  | 1.2    | <b>4.0</b> |
| China, Hebi City                           | 63    | 95.2  | 3.2    | <b>6.1</b>  | 47     | 93.6  | 0.0    | <b>5.6</b> |
| China, Hefei City                          | 488   | 85.9  | 0.8    | <b>7.0</b>  | 360    | 84.4  | 1.1    | <b>5.2</b> |
| China, Hengdong                            | 78    | 100.0 | –      | <b>6.3</b>  | 45     | 100.0 | –      | <b>4.0</b> |
| *China, Hengfeng County                    | 36    | 100.0 | –      | <b>7.5</b>  | 21     | 95.2  | –      | <b>4.2</b> |
| *China, Hefu County                        | 237   | 99.6  | –      | <b>9.0</b>  | 126    | 100.0 | –      | <b>5.2</b> |
| China, Honghu City                         | 128   | 97.7  | –      | <b>5.7</b>  | 88     | 100.0 | –      | <b>4.3</b> |
| China, Hongshan District, Chifeng City     | 57    | 98.2  | –      | <b>5.8</b>  | 47     | 93.6  | –      | <b>4.4</b> |
| *China, Hongta District, Yuxi City         | 77    | 97.4  | 2.6    | <b>6.5</b>  | 75     | 96.0  | 4.0    | <b>6.6</b> |
| *China, Huaiyin District, Huai'an City     | 168   | 100.0 | 0.0    | <b>5.8</b>  | 98     | 99.0  | 1.0    | <b>4.0</b> |
| *China, Yinzhou District, Ningbo City      | 36    | 100.0 | 0.0    | <b>4.9</b>  | 33     | 97.0  | 3.0    | <b>3.9</b> |
| *China, Jiange County                      | 75    | 98.7  | –      | <b>5.5</b>  | 41     | 100.0 | –      | <b>3.3</b> |
| China, Jiangmen City                       | 128   | 93.0  | 1.6    | <b>7.3</b>  | 93     | 96.8  | 1.1    | <b>5.2</b> |
| *China, Jiangyin City                      | 223   | 98.7  | 0.0    | <b>5.3</b>  | 170    | 97.1  | 1.8    | <b>3.7</b> |
| *China, Jiashan County                     | 85    | 98.8  | –      | <b>6.4</b>  | 61     | 100.0 | –      | <b>4.2</b> |
| China, Jiaxing City                        | 112   | 93.8  | –      | <b>6.1</b>  | 95     | 96.8  | –      | <b>5.2</b> |
| China, Jiayu County                        | 32    | 90.6  | 9.4    | <b>4.8</b>  | 31     | 87.1  | 12.9   | <b>4.9</b> |
| *China, Jinan City                         | 391   | 78.8  | 7.2    | <b>5.7</b>  | 310    | 76.5  | 5.5    | <b>4.3</b> |
| *China, Jingtai County                     | 39    | 92.3  | 5.1    | <b>6.2</b>  | 32     | 90.6  | 0.0    | <b>5.8</b> |
| *China, Jingxian                           | 54    | 83.3  | 5.6    | <b>4.8</b>  | 32     | 87.5  | 3.1    | <b>3.5</b> |
| *China, Jintan District, Changzhou City    | 111   | 98.2  | 0.9    | <b>6.2</b>  | 90     | 100.0 | 0.0    | <b>5.2</b> |
| *China, Jiulongpo District, Chongqing City | 163   | 85.3  | 0.6    | <b>6.2</b>  | 124    | 83.9  | 0.8    | <b>5.4</b> |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|  | Male  |       |        |        | Female |       |        |        |
|--|-------|-------|--------|--------|--------|-------|--------|--------|
|  | Cases | MV(%) | DCO(%) | ASR(W) | Cases  | MV(%) | DCO(%) | ASR(W) |
| <b>Asia (contd)</b>                        |       |       |        |        |        |       |        |        |
| *China, Jiyuan City                        | 93    | 97.8  | –      | 5.7    | 69     | 98.6  | –      | 4.2    |
| China, Kaihua County                       | 77    | 100.0 | –      | 7.1    | 46     | 100.0 | –      | 5.1    |
| China, Kunshan City                        | 201   | 98.0  | 1.0    | 8.3    | 124    | 96.0  | 1.6    | 4.3    |
| China, Langzhong City                      | 67    | 92.5  | –      | 3.5    | 58     | 96.6  | –      | 3.7    |
| *China, Liangshan County                   | 185   | 96.2  | 1.6    | 7.9    | 155    | 97.4  | 1.3    | 6.4    |
| *China, Lianshui County                    | 146   | 99.3  | 0.7    | 4.3    | 93     | 98.9  | 1.1    | 3.0    |
| China, Lianyungang City                    | 158   | 96.2  | 0.6    | 4.8    | 150    | 93.3  | 1.3    | 4.8    |
| China, Linhe District, Bayannur City       | 74    | 94.6  | 1.4    | 5.8    | 26     | 96.2  | 3.8    | 2.2    |
| China, Linqiu County                       | 140   | 99.3  | –      | 5.2    | 111    | 100.0 | –      | 4.6    |
| *China, Linzhou City                       | 157   | 94.3  | 3.8    | 5.2    | 152    | 95.4  | 0.7    | 4.9    |
| China, Liuzhou City                        | 234   | 98.3  | –      | 7.1    | 182    | 96.2  | –      | 5.6    |
| China, Liyang City                         | 103   | 100.0 | –      | 2.9    | 113    | 100.0 | –      | 3.3    |
| *China, Longquan City                      | 39    | 100.0 | –      | 5.3    | 35     | 97.1  | –      | 5.4    |
| China, Lucheng District, Wenzhou City      | 89    | 97.8  | 2.2    | 6.3    | 58     | 98.3  | 1.7    | 5.0    |
| China, Luoding City                        | 124   | 79.8  | 8.1    | 6.0    | 67     | 88.1  | 4.5    | 3.8    |
| *China, Luohe City                         | 211   | 94.3  | 3.8    | 6.0    | 194    | 95.9  | 1.5    | 5.4    |
| *China, Luoyang City                       | 242   | 93.0  | 1.2    | 6.7    | 154    | 93.5  | 1.9    | 4.5    |
| *China, Luquan City                        | 38    | 100.0 | –      | 3.7    | 42     | 100.0 | –      | 5.0    |
| China, Ma'an County                        | 127   | 100.0 | –      | 6.3    | 69     | 100.0 | –      | 3.4    |
| *China, Macheng City                       | 100   | 96.0  | –      | 5.5    | 75     | 94.7  | –      | 4.4    |
| China, Meihekou City                       | 62    | 100.0 | 0.0    | 3.5    | 52     | 92.3  | 3.8    | 2.9    |
| *China, Mengjin County                     | 58    | 86.2  | 0.0    | 5.8    | 64     | 93.8  | 1.6    | 6.6    |
| China, Nangang District, Harbin City       | 138   | 94.9  | 3.6    | 4.6    | 93     | 90.3  | 5.4    | 2.9    |
| *China, Nanhai District, Foshan City       | 205   | 96.6  | –      | 8.7    | 142    | 96.5  | –      | 5.6    |
| *China, Nantong City                       | 201   | 98.5  | 1.5    | 4.9    | 163    | 100.0 | 0.0    | 3.7    |
| *China, Nanxiong City                      | 75    | 98.7  | –      | 6.1    | 50     | 100.0 | –      | 3.8    |
| China, Neixiang County                     | 87    | 100.0 | –      | 4.6    | 60     | 100.0 | –      | 3.5    |
| *China, Qianxi County                      | 65    | 100.0 | 0.0    | 5.9    | 56     | 98.2  | 1.8    | 5.8    |
| China, Qidong County                       | 241   | 93.8  | 0.4    | 6.0    | 246    | 94.7  | 0.0    | 5.3    |
| China, Qingyang District, Chengdu City     | 221   | 97.3  | 0.5    | 7.2    | 148    | 96.6  | 2.7    | 5.2    |
| China, Qingzhou City                       | 157   | 100.0 | –      | 6.2    | 109    | 98.2  | –      | 4.7    |
| *China, Rudong County                      | 234   | 100.0 | –      | 5.9    | 181    | 100.0 | –      | 4.5    |
| *China, Rugao City                         | 242   | 100.0 | 0.0    | 4.4    | 198    | 99.5  | 0.5    | 3.5    |
| *China, Rural areas of Shanghai City       | 1590  | 83.9  | 0.3    | 5.4    | 1189   | 83.3  | 0.6    | 3.8    |
| China, Ruyang County                       | 82    | 96.3  | 1.2    | 7.3    | 64     | 96.9  | 0.0    | 6.0    |
| *China, Shan County                        | 85    | 95.3  | –      | 3.9    | 71     | 93.0  | –      | 3.6    |
| China, Shanghai City                       | 1250  | 78.5  | 0.4    | 5.2    | 932    | 79.5  | 0.8    | 4.1    |
| China, Shangyu District, Shaoxing City     | 168   | 100.0 | –      | 7.0    | 110    | 100.0 | –      | 3.9    |
| *China, Shapingba District, Chongqing City | 100   | 97.0  | 0.0    | 4.1    | 79     | 94.9  | 1.3    | 2.8    |
| China, She Xian County                     | 60    | 100.0 | –      | 5.2    | 53     | 100.0 | –      | 4.5    |
| China, Sheyang County                      | 148   | 100.0 | –      | 5.1    | 132    | 100.0 | –      | 4.3    |
| *China, Shijiazhuang City                  | 272   | 99.3  | –      | 7.0    | 229    | 99.1  | –      | 6.1    |
| China, Shunde District, Foshan City        | 210   | 93.3  | –      | 7.1    | 173    | 92.5  | –      | 5.8    |
| *China, Song County                        | 51    | 82.4  | 3.9    | 3.5    | 21     | 66.7  | 4.8    | 1.7    |
| China, Suzhou City                         | 722   | 92.8  | 3.2    | 6.9    | 518    | 92.7  | 2.7    | 4.9    |
| *China, Tengzhou City                      | 284   | 99.3  | –      | 6.3    | 196    | 100.0 | –      | 4.2    |
| *China, Wangdu County                      | 20    | 90.0  | 5.0    | 3.3    | 6      | 100.0 | 0.0    | 0.7    |
| *China, Wanzai County                      | 30    | 76.7  | 0.0    | 3.2    | 15     | 66.7  | 6.7    | 1.8    |
| *China, Wu'an City                         | 86    | 97.7  | –      | 4.4    | 72     | 95.8  | –      | 3.7    |
| China, Wuhan City                          | 902   | 92.9  | 0.3    | 6.0    | 741    | 92.8  | 0.0    | 5.3    |
| *China, Wuhu City                          | 181   | 95.6  | –      | 4.7    | 150    | 96.0  | –      | 4.1    |
| China, Wuxi City                           | 422   | 87.9  | 0.2    | 5.1    | 348    | 87.4  | 0.0    | 3.8    |
| China, Wuzhou City                         | 101   | 100.0 | 0.0    | 5.9    | 86     | 98.8  | 1.2    | 5.0    |
| China, Xiangfu District, Kaifeng City      | 120   | 99.2  | –      | 6.7    | 122    | 98.4  | –      | 6.4    |
| China, Xianju County                       | 103   | 100.0 | –      | 7.2    | 65     | 100.0 | –      | 5.9    |
| *China, Xin'an County                      | 49    | 83.7  | –      | 5.4    | 36     | 75.0  | –      | 3.9    |
| *China, Xining City                        | 102   | 98.0  | –      | 5.2    | 69     | 97.1  | –      | 3.2    |
| *China, Xinji City                         | 78    | 100.0 | –      | 4.4    | 75     | 100.0 | –      | 4.7    |
| *China, Xinluo District, Longyan City      | 61    | 80.3  | –      | 5.6    | 42     | 73.8  | –      | 5.4    |
| *China, Xinzhou District, Shangrao City    | 73    | 94.5  | 2.7    | 6.3    | 68     | 98.5  | 0.0    | 5.3    |
| China, Xiping County                       | 125   | 100.0 | –      | 5.3    | 109    | 100.0 | –      | 4.6    |
| *China, Xishan District, Kunming City      | 115   | 97.4  | –      | 12.6   | 83     | 98.8  | –      | 8.4    |
| *China, Xuyi County                        | 71    | 84.5  | 1.4    | 3.4    | 50     | 90.0  | 0.0    | 2.2    |
| *China, Ya'an City                         | 266   | 96.6  | 0.4    | 5.8    | 186    | 95.2  | 0.5    | 4.3    |
| *China, Yakeshi City                       | 67    | 62.7  | 17.9   | 5.7    | 47     | 70.2  | 17.0   | 3.1    |
| China, Yancheng                            | 245   | 95.5  | 0.8    | 5.8    | 188    | 97.3  | 0.5    | 4.1    |
| *China, Yangquan City                      | 93    | 86.0  | 5.4    | 4.8    | 71     | 91.5  | 7.0    | 4.1    |
| *China, Yangzhong City                     | 25    | 100.0 | 0.0    | 2.7    | 19     | 94.7  | 5.3    | 2.4    |
| *China, Yanji City                         | 61    | 98.4  | –      | 5.2    | 51     | 94.1  | –      | 3.9    |
| *China, Yanshi City                        | 101   | 89.1  | 4.0    | 5.5    | 85     | 98.8  | 0.0    | 4.7    |
| China, Yanting County                      | 131   | 100.0 | –      | 8.3    | 106    | 99.1  | –      | 7.1    |
| *China, Yi'an District, Tongling City      | 39    | 84.6  | 10.3   | 4.5    | 13     | 92.3  | 0.0    | 1.6    |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|  | Male  |       |        |        | Female |       |        |        |
|--|-------|-------|--------|--------|--------|-------|--------|--------|
|  | Cases | MV(%) | DCO(%) | ASR(W) | Cases  | MV(%) | DCO(%) | ASR(W) |
| <b>Asia (contd)</b>                            |       |       |        |        |        |       |        |        |
| *China, Yingdong District, Fuyang City         | 92    | 100.0 | –      | 5.2    | 63     | 100.0 | –      | 4.0    |
| *China, Yiyuan County                          | 48    | 97.9  | 0.0    | 3.2    | 40     | 92.5  | 7.5    | 2.7    |
| China, Yong'an City                            | 55    | 92.7  | –      | 5.6    | 56     | 92.9  | –      | 5.8    |
| *China, Yongding District, Longyan City        | 97    | 99.0  | –      | 6.8    | 69     | 97.1  | –      | 5.5    |
| China, Yongkang City                           | 131   | 93.9  | 3.1    | 7.6    | 95     | 89.5  | 7.4    | 4.8    |
| *China, Yucheng County                         | 95    | 96.8  | –      | 5.5    | 94     | 97.9  | –      | 5.4    |
| China, Yueyanglou District, Yueyang City       | 57    | 100.0 | 0.0    | 6.7    | 40     | 95.0  | 5.0    | 5.3    |
| China, Yunmeng County                          | 60    | 96.7  | –      | 4.2    | 39     | 94.9  | –      | 2.6    |
| *China, Yunyang District, Shiyang City         | 44    | 97.7  | –      | 5.0    | 43     | 95.3  | –      | 4.4    |
| China, Chongqing Yuzhong District              | 153   | 85.6  | 14.4   | 7.8    | 133    | 88.7  | 10.5   | 6.7    |
| *China, Zhanhuang County                       | 39    | 84.6  | 5.1    | 5.4    | 32     | 96.9  | 0.0    | 5.5    |
| *China, Zhangjiagang City                      | 224   | 100.0 | –      | 6.9    | 140    | 100.0 | –      | 3.3    |
| *China, Zhaoyuan City                          | 115   | 98.3  | 1.7    | 5.5    | 84     | 98.8  | 1.2    | 4.4    |
| *China, Zhengding County                       | 43    | 100.0 | –      | 4.1    | 41     | 100.0 | –      | 4.6    |
| *China, Zhongshan City                         | 222   | 99.5  | –      | 5.4    | 177    | 98.3  | –      | 4.1    |
| China, Zhongxiang City                         | 188   | 99.5  | –      | 6.9    | 122    | 99.2  | –      | 4.5    |
| *China, Zhuanghe City                          | 200   | 57.0  | 0.5    | 6.7    | 134    | 63.4  | 0.7    | 4.6    |
| *China, Zhuhai City                            | 188   | 94.1  | 3.7    | 6.4    | 162    | 93.8  | 4.9    | 6.1    |
| India, Ahmedabad, Urban                        | 696   | 100.0 | –      | 5.6    | 368    | 99.7  | –      | 3.2    |
| India, Aurangabad                              | 126   | 96.0  | 4.0    | 3.9    | 71     | 97.2  | 2.8    | 2.2    |
| India, Bangalore                               | 783   | 84.7  | 15.3   | 6.5    | 516    | 81.4  | 18.6   | 4.4    |
| India, Barshi, Paranda, and Bhum               | 37    | 94.6  | 2.7    | 2.7    | 22     | 100.0 | 0.0    | 2.0    |
| *India, Bhopal                                 | 127   | 100.0 | –      | 4.3    | 65     | 100.0 | –      | 2.1    |
| India, Chandigarh                              | 125   | 98.4  | 1.6    | 4.7    | 80     | 98.8  | 1.2    | 3.3    |
| *India, Chennai                                | 616   | 96.1  | 3.9    | 5.4    | 472    | 95.3  | 4.7    | 4.1    |
| India, Dibrugarh                               | 51    | 94.1  | 5.9    | 1.5    | 31     | 100.0 | 0.0    | 1.0    |
| *India, Dindigul, Ambalikkai                   | 177   | 96.0  | 4.0    | 3.1    | 113    | 99.1  | 0.9    | 2.0    |
| India, Kamrup Urban District                   | 84    | 89.3  | 10.7   | 3.4    | 53     | 90.6  | 9.4    | 2.3    |
| India, Kollam                                  | 265   | 98.9  | –      | 5.0    | 215    | 98.1  | –      | 3.5    |
| *India, Manipur                                | 125   | 96.8  | 3.2    | 2.3    | 123    | 100.0 | 0.0    | 2.2    |
| India, Meghalaya                               | 59    | 91.5  | 8.5    | 1.3    | 34     | 73.5  | 26.5   | 0.9    |
| India, Mizoram                                 | 93    | 100.0 | –      | 4.6    | 64     | 100.0 | –      | 3.0    |
| India, Mumbai                                  | 1569  | 97.5  | 2.5    | 5.1    | 1048   | 98.4  | 1.6    | 3.6    |
| *India, New Delhi                              | 2086  | 89.8  | 10.2   | 8.5    | 1148   | 90.2  | 9.8    | 5.1    |
| India, Poona                                   | 348   | 100.0 | –      | 2.7    | 250    | 100.0 | –      | 2.1    |
| *India, Sangrur district                       | 125   | 92.0  | 7.2    | 4.6    | 56     | 92.9  | 1.8    | 2.2    |
| India, SAS Nagar                               | 130   | 97.7  | –      | 4.9    | 95     | 97.9  | –      | 3.8    |
| *India, Tamil Nadu                             | 6280  | 99.3  | 0.7    | 3.4    | 4178   | 99.0  | 1.0    | 2.3    |
| *India, Tripura                                | 168   | 100.0 | –      | 2.3    | 109    | 100.0 | –      | 1.5    |
| India, Trivandrum                              | 350   | 98.9  | –      | 5.5    | 305    | 96.1  | –      | 4.0    |
| India, Wardha                                  | 138   | 92.0  | 8.0    | 4.2    | 91     | 92.3  | 7.7    | 2.9    |
| India, West Arunachal                          | 24    | 100.0 | –      | 1.3    | 26     | 100.0 | –      | 2.2    |
| *Iran (Islamic Republic of), Ardabil Province  | 159   | 66.7  | 13.2   | 8.7    | 95     | 69.5  | 8.4    | 5.2    |
| *Iran (Islamic Republic of), Golestan Province | 296   | 96.6  | 1.7    | 12.0   | 229    | 93.4  | 1.7    | 8.8    |
| Israel   | 2220  | 88.2  | 9.9    | 8.9    | 1732   | 83.7  | 14.7   | 6.0    |
| *Israel : Jewish                               | 1829  | 87.2  | 10.8   | 8.8    | 1428   | 82.8  | 15.5   | 5.9    |
| *Israel : Arabs                                | 315   | 94.3  | 3.8    | 8.9    | 224    | 88.8  | 10.3   | 6.2    |
| Japan  | 22456 | 97.3  | 1.2    | 7.2    | 15934  | 96.0  | 1.8    | 4.7    |
| Japan, Aichi Prefecture                        | 1291  | 98.3  | 0.4    | 7.7    | 807    | 97.1  | 0.7    | 4.8    |
| *Japan, Akita Prefecture                       | 177   | 93.8  | –      | 7.7    | 143    | 87.4  | –      | 4.6    |
| Japan, Aomori                                  | 370   | 96.8  | 0.5    | 6.5    | 287    | 95.5  | 0.7    | 4.8    |
| Japan, Gunma Prefecture                        | 298   | 97.7  | 0.3    | 5.7    | 217    | 97.7  | 0.0    | 4.2    |
| Japan, Hiroshima Prefecture                    | 748   | 99.1  | 0.1    | 8.3    | 522    | 98.1  | 1.0    | 5.1    |
| Japan, Miyagi Prefecture                       | 616   | 98.7  | 0.5    | 6.9    | 464    | 98.3  | 1.3    | 5.3    |
| Japan, Osaka Prefecture                        | 1546  | 98.1  | 0.7    | 7.3    | 1109   | 97.2  | 1.1    | 4.9    |
| Kuwait   | 528   | 96.6  | 3.2    | 6.2    | 297    | 96.0  | 4.0    | 4.9    |
| *Kuwait : Kuwaitis                             | 194   | 94.3  | 5.7    | 7.8    | 151    | 95.4  | 4.6    | 5.3    |
| *Kuwait : Non-Kuwaitis                         | 334   | 97.9  | 1.8    | 5.9    | 146    | 96.6  | 3.4    | 4.7    |
| *Philippines, Manila                           | 910   | 97.6  | 2.2    | 6.6    | 805    | 99.0  | 1.0    | 5.4    |
| *Qatar : Qatari                                | 43    | 97.7  | –      | 7.6    | 27     | 100.0 | –      | 4.5    |
| *Republic of Korea, Busan                      | 661   | 93.0  | 1.2    | 6.5    | 522    | 92.1  | 2.3    | 4.7    |
| *Republic of Korea, Daegu                      | 455   | 97.4  | 1.1    | 6.4    | 337    | 97.0  | 2.1    | 4.5    |
| *Republic of Korea, Daejeon                    | 271   | 96.7  | 1.1    | 6.3    | 191    | 97.9  | 1.6    | 4.2    |
| *Republic of Korea, Gwangju                    | 252   | 97.6  | 0.4    | 6.5    | 172    | 100.0 | 0.0    | 4.2    |
| Republic of Korea, Incheon                     | 483   | 97.5  | 0.6    | 5.9    | 362    | 98.3  | 0.0    | 4.1    |
| Republic of Korea, Jeju                        | 110   | 98.2  | 0.9    | 6.1    | 94     | 98.9  | 0.0    | 5.1    |
| Republic of Korea, Seoul                       | 1798  | 96.9  | 0.9    | 6.3    | 1295   | 96.0  | 1.2    | 4.4    |
| Republic of Korea, Ulsan                       | 187   | 97.9  | 0.5    | 5.7    | 137    | 97.1  | 2.9    | 4.4    |
| Republic of Korea                              | 9334  | 96.0  | 1.0    | 6.3    | 6969   | 95.1  | 1.9    | 4.4    |
| Singapore                                      | 750   | 97.7  | –      | 6.9    | 556    | 97.5  | –      | 4.7    |
| Singapore : Chinese                            | 576   | 98.4  | –      | 6.8    | 432    | 97.2  | –      | 4.5    |
| Singapore : Indian                             | 52    | 98.1  | –      | 5.9    | 39     | 100.0 | –      | 4.9    |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|  | Male  |       |        |             | Female |       |        |            |
|--|-------|-------|--------|-------------|--------|-------|--------|------------|
|  | Cases | MV(%) | DCO(%) | ASR(W)      | Cases  | MV(%) | DCO(%) | ASR(W)     |
| <b>Asia (contd)</b>                      |       |       |        |             |        |       |        |            |
| Singapore : Malay                        | 99    | 92.9  | –      | <b>7.8</b>  | 73     | 97.3  | –      | <b>5.6</b> |
| Thailand, Bangkok                        | 647   | 95.2  | 2.3    | <b>4.5</b>  | 593    | 95.8  | 1.3    | <b>3.5</b> |
| *Thailand, Chiang Mai                    | 243   | 99.6  | 0.4    | <b>5.8</b>  | 214    | 97.2  | 2.8    | <b>4.7</b> |
| *Thailand, Khon Kaen                     | 234   | 95.3  | 2.6    | <b>5.4</b>  | 203    | 96.6  | 0.5    | <b>4.3</b> |
| Thailand, Lampang                        | 114   | 99.1  | 0.9    | <b>5.7</b>  | 105    | 100.0 | 0.0    | <b>5.1</b> |
| Thailand, Lopburi Province               | 137   | 100.0 | –      | <b>7.2</b>  | 107    | 100.0 | –      | <b>5.0</b> |
| *Thailand, Songkhla                      | 225   | 92.4  | 6.7    | <b>6.2</b>  | 170    | 94.7  | 4.7    | <b>4.4</b> |
| Türkiye, Antalya                         | 467   | 99.8  | 0.2    | <b>8.4</b>  | 351    | 99.7  | 0.3    | <b>6.1</b> |
| Türkiye, Bursa                           | 476   | 99.2  | 0.8    | <b>6.9</b>  | 361    | 98.3  | 1.7    | <b>5.1</b> |
| *Türkiye, Edirne                         | 80    | 98.8  | 1.2    | <b>6.2</b>  | 68     | 100.0 | 0.0    | <b>5.0</b> |
| *Türkiye, Erzurum                        | 149   | 100.0 | –      | <b>8.1</b>  | 93     | 100.0 | –      | <b>4.6</b> |
| Türkiye, Eskişehir                       | 165   | 100.0 | –      | <b>6.9</b>  | 160    | 100.0 | –      | <b>6.7</b> |
| Türkiye, Gaziantep                       | 355   | 99.2  | 0.8    | <b>8.9</b>  | 260    | 98.1  | 1.9    | <b>6.0</b> |
| *Türkiye, Izmir                          | 1053  | 97.6  | 2.4    | <b>9.1</b>  | 824    | 97.1  | 2.8    | <b>6.8</b> |
| Türkiye, Malatya                         | 174   | 89.7  | 10.3   | <b>8.4</b>  | 129    | 93.8  | 6.2    | <b>6.1</b> |
| Türkiye, Samsun                          | 279   | 97.8  | 2.2    | <b>8.0</b>  | 240    | 98.3  | 1.7    | <b>6.2</b> |
| Türkiye, Trabzon                         | 229   | 95.6  | 4.4    | <b>10.8</b> | 172    | 94.2  | 5.8    | <b>7.2</b> |
| <b>Europe</b>                            |       |       |        |             |        |       |        |            |
| Austria                                  | 3047  | 86.1  | 7.7    | <b>8.8</b>  | 2438   | 82.4  | 11.0   | <b>6.2</b> |
| Austria, Carinthia                       | 223   | 98.7  | 1.3    | <b>8.3</b>  | 189    | 96.8  | 2.1    | <b>5.3</b> |
| Austria, Tyrol                           | 235   | 99.6  | 0.4    | <b>7.7</b>  | 181    | 100.0 | 0.0    | <b>6.4</b> |
| Austria, Vorarlberg                      | 127   | 95.3  | 0.0    | <b>8.7</b>  | 117    | 92.3  | 0.9    | <b>8.0</b> |
| Belarus                                  | 2889  | 99.8  | 0.0    | <b>10.4</b> | 2597   | 99.5  | 0.1    | <b>6.4</b> |
| *Belgium                                 | 5822  | 100.0 | –      | <b>12.7</b> | 4241   | 100.0 | –      | <b>8.3</b> |
| Croatia                                  | 1550  | 91.5  | 5.4    | <b>9.3</b>  | 1295   | 88.9  | 8.1    | <b>6.4</b> |
| Cyprus                                   | 320   | 69.1  | 29.7   | <b>10.8</b> | 191    | 74.3  | 24.6   | <b>6.2</b> |
| *Czech Republic                          | 4287  | 80.3  | 1.7    | <b>9.6</b>  | 3202   | 77.9  | 2.5    | <b>5.8</b> |
| Denmark                                  | 2988  | 82.0  | 0.0    | <b>12.0</b> | 1985   | 81.0  | 0.3    | <b>7.5</b> |
| Estonia                                  | 553   | 97.3  | 2.5    | <b>11.2</b> | 535    | 98.1  | 1.9    | <b>7.3</b> |
| Finland                                  | 2109  | 77.5  | 2.3    | <b>9.2</b>  | 1526   | 75.0  | 2.0    | <b>5.9</b> |
| *France, Bas-Rhin                        | 505   | 100.0 | –      | <b>13.6</b> | 352    | 100.0 | –      | <b>8.4</b> |
| *France, Calvados                        | 382   | 100.0 | –      | <b>13.3</b> | 299    | 100.0 | –      | <b>7.7</b> |
| *France, Doubs                           | 313   | 100.0 | –      | <b>13.2</b> | 237    | 100.0 | –      | <b>8.5</b> |
| *France, Gironde                         | 842   | 99.9  | –      | <b>13.2</b> | 695    | 100.0 | –      | <b>8.7</b> |
| *France, Haut-Rhin                       | 435   | 100.0 | –      | <b>13.0</b> | 308    | 100.0 | –      | <b>8.6</b> |
| *France, Hérault                         | 637   | 100.0 | –      | <b>13.2</b> | 426    | 100.0 | –      | <b>7.3</b> |
| *France, Isère                           | 625   | 100.0 | –      | <b>12.6</b> | 408    | 100.0 | –      | <b>7.1</b> |
| *France, Lille-Métropole                 | 367   | 100.0 | –      | <b>13.6</b> | 290    | 100.0 | –      | <b>8.6</b> |
| *France, Limousin                        | 205   | 100.0 | –      | <b>11.1</b> | 157    | 100.0 | –      | <b>6.5</b> |
| *France, Loire-Atlantique                | 707   | 100.0 | –      | <b>13.5</b> | 532    | 99.8  | –      | <b>8.2</b> |
| *France, Manche                          | 275   | 94.5  | –      | <b>10.7</b> | 203    | 90.6  | –      | <b>7.1</b> |
| *France, Poitou-Charentes                | 1112  | 100.0 | –      | <b>11.8</b> | 742    | 100.0 | –      | <b>7.4</b> |
| *France, Somme                           | 263   | 100.0 | –      | <b>11.2</b> | 206    | 99.5  | –      | <b>7.7</b> |
| *France, Tarn                            | 196   | 99.5  | –      | <b>10.0</b> | 156    | 100.0 | –      | <b>6.9</b> |
| *France, Territoire de Belfort           | 51    | 100.0 | –      | <b>10.0</b> | 45     | 100.0 | –      | <b>6.2</b> |
| *France, Vendée                          | 433   | 100.0 | –      | <b>13.3</b> | 328    | 99.7  | –      | <b>8.8</b> |
| Germany, Baden-Württemberg               | 3026  | 56.9  | 10.6   | <b>8.7</b>  | 2203   | 53.9  | 13.9   | <b>5.3</b> |
| Germany, Bavaria                         | 5535  | 77.7  | 16.6   | <b>9.0</b>  | 4048   | 72.9  | 22.2   | <b>5.6</b> |
| Germany, Bremen                          | 277   | 78.0  | 22.0   | <b>8.3</b>  | 214    | 66.4  | 33.2   | <b>4.6</b> |
| Germany, Hamburg                         | 924   | 88.1  | 2.2    | <b>11.8</b> | 706    | 88.7  | 3.1    | <b>7.3</b> |
| Germany, Lower Saxony                    | 4434  | 81.7  | 11.4   | <b>11.3</b> | 3385   | 76.3  | 15.3   | <b>7.6</b> |
| Germany, North Rhine-Westphalia          | 8103  | 54.3  | 18.2   | <b>9.7</b>  | 6330   | 50.1  | 25.5   | <b>6.4</b> |
| Germany, Rhineland-Palatinate            | 2113  | 76.5  | 21.0   | <b>10.9</b> | 1583   | 69.4  | 27.0   | <b>6.6</b> |
| Germany, Saarland                        | 550   | 80.2  | 11.3   | <b>10.9</b> | 392    | 75.8  | 17.3   | <b>7.0</b> |
| Germany, Schleswig-Holstein              | 1641  | 77.0  | 4.6    | <b>11.7</b> | 1230   | 72.8  | 5.5    | <b>7.4</b> |
| Iceland                                  | 106   | 98.1  | 0.9    | <b>8.9</b>  | 65     | 100.0 | 0.0    | <b>6.1</b> |
| Ireland                                  | 1698  | 93.6  | 1.1    | <b>10.3</b> | 1072   | 91.6  | 1.8    | <b>6.4</b> |
| *Italy, Aosta Valley                     | 33    | 54.5  | –      | <b>8.5</b>  | 16     | 56.2  | –      | <b>4.1</b> |
| *Italy, Avellino                         | 111   | 78.4  | 5.4    | <b>11.0</b> | 80     | 71.2  | 7.5    | <b>5.3</b> |
| Italy, Basilicata                        | 251   | 63.7  | 0.0    | <b>10.3</b> | 191    | 62.8  | 3.1    | <b>6.1</b> |
| *Italy, Benevento                        | 89    | 92.1  | 2.2    | <b>8.5</b>  | 72     | 88.9  | 4.2    | <b>5.3</b> |
| Italy, Bergamo                           | 451   | 99.3  | 0.4    | <b>10.0</b> | 304    | 96.7  | 3.0    | <b>6.5</b> |
| *Italy, Brescia                          | 360   | 65.3  | 2.5    | <b>7.6</b>  | 258    | 58.1  | 5.8    | <b>4.9</b> |
| Italy, Brianza (Lecco + Monza e Brianza) | 294   | 87.8  | 2.7    | <b>10.1</b> | 197    | 85.8  | 4.6    | <b>5.9</b> |
| Italy, Calabria                          | 260   | 84.6  | 1.5    | <b>11.1</b> | 180    | 88.3  | 1.7    | <b>7.9</b> |
| *Italy, Caserta                          | 294   | 86.7  | 1.7    | <b>10.9</b> | 244    | 85.2  | 4.1    | <b>8.3</b> |
| *Italy, Catania, Messina and Enna        | 767   | 97.1  | 1.7    | <b>10.0</b> | 601    | 94.3  | 4.8    | <b>6.6</b> |
| Italy, Emilia-Romagna                    | 1561  | 97.7  | 1.3    | <b>9.6</b>  | 1264   | 97.7  | 1.1    | <b>6.7</b> |
| Italy, Friuli-Venezia Giulia             | 499   | 99.8  | –      | <b>8.9</b>  | 348    | 100.0 | –      | <b>5.7</b> |
| Italy, Genova                            | 420   | 88.3  | 0.7    | <b>11.1</b> | 317    | 87.4  | 0.6    | <b>6.4</b> |
| *Italy, Lombardy, South, Pavia           | 251   | 80.1  | 0.8    | <b>10.5</b> | 194    | 72.7  | 1.0    | <b>6.4</b> |
| Italy, Mantova and Cremona               | 233   | 100.0 | 0.0    | <b>8.0</b>  | 188    | 99.5  | 0.5    | <b>6.2</b> |

\*Important. See note on population page.

# Indices of data quality

## Leukaemia (C91-95) (contd)

|                                    | Male  |       |        |             | Female |       |        |            |
|------------------------------------|-------|-------|--------|-------------|--------|-------|--------|------------|
|                                    | Cases | MV(%) | DCO(%) | ASR(W)      | Cases  | MV(%) | DCO(%) | ASR(W)     |
| <b>Europe (contd)</b>              |       |       |        |             |        |       |        |            |
| Italy, Marche                      | 548   | 90.5  | 1.1    | <b>9.7</b>  | 380    | 88.7  | 2.6    | <b>6.4</b> |
| Italy, Milan                       | 1430  | 91.3  | 0.3    | <b>9.8</b>  | 1017   | 90.7  | 0.9    | <b>6.4</b> |
| Italy, Molise                      | 95    | 94.7  | 2.1    | <b>11.9</b> | 65     | 92.3  | 1.5    | <b>8.6</b> |
| *Italy, Naples Centre              | 183   | 67.2  | 3.3    | <b>8.6</b>  | 156    | 64.7  | 5.8    | <b>6.0</b> |
| *Italy, Naples North               | 234   | 83.8  | 3.4    | <b>9.4</b>  | 189    | 83.6  | 4.8    | <b>6.3</b> |
| *Italy, Naples South               | 396   | 88.6  | 1.3    | <b>10.6</b> | 289    | 87.2  | 2.1    | <b>6.8</b> |
| *Italy, Nuoro                      | 59    | 86.4  | –      | <b>9.8</b>  | 33     | 81.8  | –      | <b>5.7</b> |
| *Italy, Palermo                    | 468   | 87.8  | 6.0    | <b>9.5</b>  | 344    | 91.9  | 5.2    | <b>6.0</b> |
| Italy, Puglia                      | 1709  | 87.9  | 1.5    | <b>10.1</b> | 1241   | 86.5  | 1.9    | <b>6.5</b> |
| *Italy, Ragusa and Caltanissetta   | 181   | 96.7  | 2.2    | <b>7.1</b>  | 128    | 96.1  | 2.3    | <b>4.6</b> |
| *Italy, Salerno                    | 343   | 84.5  | 1.2    | <b>10.2</b> | 272    | 76.5  | 3.3    | <b>7.4</b> |
| Italy, Sassari                     | 86    | 65.1  | 2.3    | <b>9.7</b>  | 53     | 50.9  | 3.8    | <b>5.6</b> |
| *Italy, Sondrio                    | 93    | 73.1  | 5.4    | <b>10.5</b> | 71     | 64.8  | 7.0    | <b>7.3</b> |
| Italy, South Tyrol                 | 191   | 91.6  | 2.1    | <b>9.2</b>  | 156    | 85.9  | 1.9    | <b>6.3</b> |
| *Italy, Syracuse                   | 154   | 87.0  | 5.8    | <b>8.8</b>  | 108    | 91.7  | 2.8    | <b>5.3</b> |
| Italy, Trento                      | 217   | 92.6  | 0.5    | <b>9.7</b>  | 163    | 95.7  | 0.6    | <b>5.2</b> |
| Italy, Turin                       | 1120  | 98.3  | 1.5    | <b>10.5</b> | 786    | 95.4  | 4.2    | <b>6.4</b> |
| *Italy, Tuscany                    | 1074  | 44.7  | 2.4    | <b>10.9</b> | 810    | 37.8  | 3.0    | <b>6.4</b> |
| Italy, Umbria                      | 385   | 85.2  | 2.1    | <b>10.0</b> | 307    | 78.2  | 3.6    | <b>6.7</b> |
| Italy, Varese                      | 168   | 98.2  | 0.0    | <b>7.8</b>  | 145    | 94.5  | 0.7    | <b>5.7</b> |
| Italy, Veneto                      | 1778  | 93.6  | 1.3    | <b>8.7</b>  | 1370   | 91.0  | 3.5    | <b>5.5</b> |
| Latvia                             | 711   | 77.8  | 1.0    | <b>10.1</b> | 790    | 72.9  | 1.8    | <b>6.9</b> |
| *Liechtenstein                     | 16    | 100.0 | –      | <b>11.0</b> | 7      | 100.0 | –      | <b>3.0</b> |
| *Lithuania                         | 1371  | 74.0  | 24.7   | <b>12.7</b> | 1375   | 65.9  | 31.9   | <b>7.7</b> |
| Malta                              | 144   | 84.7  | 2.8    | <b>8.6</b>  | 92     | 80.4  | 6.5    | <b>5.5</b> |
| *The Netherlands                   | 7623  | 100.0 | –      | <b>11.0</b> | 5036   | 100.0 | –      | <b>7.1</b> |
| Norway                             | 2217  | 88.3  | 1.8    | <b>11.1</b> | 1585   | 85.2  | 2.8    | <b>7.5</b> |
| Poland, Kielce                     | 436   | 99.5  | 0.2    | <b>9.3</b>  | 345    | 99.4  | 0.3    | <b>5.4</b> |
| *Portugal, Azores                  | 45    | 97.8  | 2.2    | <b>7.3</b>  | 30     | 93.3  | 6.7    | <b>4.2</b> |
| Russian Federation, Arkhangelsk    | 137   | 78.8  | 19.7   | <b>4.3</b>  | 164    | 74.4  | 23.8   | <b>3.6</b> |
| Russian Federation, Kaliningrad    | 68    | 85.3  | 11.8   | <b>2.9</b>  | 73     | 87.7  | 12.3   | <b>2.2</b> |
| Russian Federation, Karelia        | 82    | 92.7  | 7.3    | <b>4.5</b>  | 97     | 90.7  | 9.3    | <b>3.7</b> |
| *Russian Federation, Komi Republic | 170   | 46.5  | 17.6   | <b>7.6</b>  | 173    | 46.2  | 16.8   | <b>4.9</b> |
| Russian Federation, Murmansk       | 119   | 89.1  | 10.9   | <b>6.1</b>  | 201    | 88.6  | 11.4   | <b>6.2</b> |
| *Russian Federation, Orenburg      | 422   | 92.2  | 4.7    | <b>7.6</b>  | 411    | 89.8  | 4.4    | <b>5.5</b> |
| Russian Federation, Pskov          | 88    | 54.5  | 36.4   | <b>4.4</b>  | 88     | 61.4  | 33.0   | <b>2.9</b> |
| *Russian Federation, Samara        | 693   | 97.1  | 2.9    | <b>7.4</b>  | 992    | 97.8  | 2.2    | <b>7.3</b> |
| Russian Federation, Vologda Region | 198   | 93.9  | 3.0    | <b>5.9</b>  | 210    | 88.6  | 5.2    | <b>4.1</b> |
| Slovenia                           | 822   | 99.6  | 0.2    | <b>9.6</b>  | 617    | 99.8  | 0.2    | <b>6.3</b> |
| Spain, Asturias                    | 270   | 98.1  | 0.7    | <b>10.0</b> | 193    | 97.9  | 1.6    | <b>5.7</b> |
| Spain, Basque Country              | 876   | 98.3  | 0.7    | <b>11.4</b> | 698    | 97.6  | 1.4    | <b>7.8</b> |
| Spain, Canary Islands              | 329   | 97.0  | 0.3    | <b>6.8</b>  | 245    | 96.7  | 1.6    | <b>4.3</b> |
| Spain, Castellón                   | 188   | 100.0 | –      | <b>8.1</b>  | 126    | 100.0 | –      | <b>5.4</b> |
| Spain, Girona                      | 276   | 99.6  | –      | <b>9.1</b>  | 207    | 100.0 | –      | <b>5.8</b> |
| Spain, Granada                     | 211   | 98.6  | 1.4    | <b>6.2</b>  | 153    | 99.3  | 0.7    | <b>4.3</b> |
| Spain, La Rioja                    | 157   | 98.1  | 1.3    | <b>10.0</b> | 107    | 99.1  | 0.9    | <b>5.4</b> |
| Spain, Murcia                      | 409   | 98.8  | 0.2    | <b>7.9</b>  | 276    | 98.9  | 0.7    | <b>4.6</b> |
| Spain, Navarra                     | 183   | 97.8  | 2.2    | <b>8.4</b>  | 162    | 99.4  | 0.6    | <b>7.0</b> |
| Spain, Salamanca                   | 147   | 97.3  | 1.4    | <b>9.0</b>  | 95     | 98.9  | 1.1    | <b>5.2</b> |
| Spain, Tarragona                   | 301   | 98.7  | 1.0    | <b>8.6</b>  | 213    | 97.2  | 2.3    | <b>6.5</b> |
| *Sweden                            | 4029  | 89.5  | –      | <b>9.7</b>  | 2801   | 89.4  | –      | <b>6.4</b> |
| Switzerland, Aargau                | 276   | 96.0  | 4.0    | <b>10.7</b> | 184    | 96.2  | 3.8    | <b>7.2</b> |
| Switzerland, Basel                 | 206   | 86.9  | 11.2   | <b>10.8</b> | 140    | 85.7  | 14.3   | <b>5.1</b> |
| Switzerland, Berne Solothurn       | 375   | 97.6  | 1.6    | <b>10.0</b> | 257    | 94.9  | 2.7    | <b>6.8</b> |
| Switzerland, East                  | 331   | 94.9  | 0.6    | <b>9.7</b>  | 204    | 93.1  | 2.5    | <b>5.7</b> |
| *Switzerland, Fribourg             | 155   | 98.1  | 1.9    | <b>14.5</b> | 72     | 97.2  | 2.8    | <b>7.1</b> |
| Switzerland, Geneva                | 188   | 97.9  | 2.1    | <b>10.1</b> | 148    | 96.6  | 2.7    | <b>6.1</b> |
| *Switzerland, Graubünden Glarus    | 107   | 97.2  | 1.9    | <b>10.2</b> | 54     | 100.0 | 0.0    | <b>4.1</b> |
| *Switzerland, Lucerne              | 223   | 94.2  | 4.9    | <b>10.0</b> | 139    | 95.0  | 4.3    | <b>6.2</b> |
| *Switzerland, Neuchâtel and Jura   | 107   | 99.1  | 0.9    | <b>11.2</b> | 90     | 98.9  | 1.1    | <b>6.9</b> |
| Switzerland, Ticino                | 181   | 98.9  | 1.1    | <b>10.7</b> | 128    | 96.9  | 3.1    | <b>8.3</b> |
| Switzerland, Valais                | 169   | 100.0 | 0.0    | <b>13.0</b> | 108    | 99.1  | 0.9    | <b>7.2</b> |
| Switzerland, Vaud                  | 261   | 83.5  | 8.4    | <b>9.0</b>  | 178    | 70.8  | 16.3   | <b>5.0</b> |
| Switzerland, Zurich and Zug        | 626   | 99.2  | 0.8    | <b>10.1</b> | 426    | 97.7  | 2.3    | <b>6.5</b> |
| Ukraine                            | 7914  | 99.8  | 0.0    | <b>7.7</b>  | 6929   | 99.8  | 0.0    | <b>5.0</b> |
| UK, England                        | 26426 | 73.7  | 1.7    | <b>11.4</b> | 17764  | 71.1  | 2.3    | <b>7.1</b> |
| UK, Northern Ireland               | 689   | 90.3  | 0.1    | <b>10.2</b> | 519    | 80.7  | 0.6    | <b>6.5</b> |
| UK, Scotland                       | 2198  | 94.9  | 0.1    | <b>9.9</b>  | 1499   | 93.2  | 0.1    | <b>6.2</b> |
| UK, Wales                          | 1749  | 58.4  | 1.4    | <b>12.1</b> | 1128   | 53.5  | 2.4    | <b>7.1</b> |
| <b>Oceania</b>                     |       |       |        |             |        |       |        |            |
| *Australia, NSW/ACT                | 4211  | 89.0  | 1.8    | <b>13.4</b> | 2816   | 87.4  | 3.0    | <b>8.6</b> |
| *Australia, Northern Territory     | 52    | 100.0 | –      | <b>8.1</b>  | 45     | 100.0 | –      | <b>7.5</b> |

\*Important. See note on population page.



**Indices of data quality**  
**Leukaemia (C91-95) (contd)**

|   | Male  |       |        |             | Female |       |        |            |
|---|-------|-------|--------|-------------|--------|-------|--------|------------|
|   | Cases | MV(%) | DCO(%) | ASR(W)      | Cases  | MV(%) | DCO(%) | ASR(W)     |
| <b>Oceania (contd)</b>                          |       |       |        |             |        |       |        |            |
| *Australia, Northern Territory : Non-Indigenous | 38    | 100.0 | –      | <b>7.4</b>  | 33     | 100.0 | –      | <b>7.3</b> |
| *Australia, Northern Territory : Indigenous     | 14    | 100.0 | –      | <b>9.8</b>  | 12     | 100.0 | –      | <b>8.0</b> |
| *Australia, Queensland                          | 2842  | 94.9  | 1.0    | <b>15.2</b> | 1805   | 94.5  | 1.0    | <b>9.4</b> |
| Australia, South Australia                      | 998   | 73.0  | 1.1    | <b>14.0</b> | 650    | 69.2  | 3.4    | <b>8.4</b> |
| Australia, Tasmania                             | 309   | 80.3  | 2.6    | <b>12.1</b> | 195    | 78.5  | 3.1    | <b>7.5</b> |
| *Australia, Victoria                            | 3434  | 92.5  | 3.1    | <b>14.7</b> | 2260   | 91.1  | 4.5    | <b>9.1</b> |
| *Australia, Western Australia                   | 1067  | 97.1  | 1.0    | <b>11.6</b> | 660    | 96.4  | 1.4    | <b>7.0</b> |
| *New Caledonia                                  | 92    | 100.0 | –      | <b>12.0</b> | 40     | 100.0 | –      | <b>5.2</b> |
| New Zealand                                     | 2135  | 95.9  | 4.0    | <b>12.6</b> | 1313   | 92.6  | 7.3    | <b>7.2</b> |
| *New Zealand : Maori                            | 237   | 95.8  | 4.2    | <b>15.0</b> | 163    | 96.9  | 3.1    | <b>9.0</b> |
| *New Zealand : Pacific peoples                  | 82    | 100.0 | –      | <b>12.4</b> | 62     | 100.0 | –      | <b>8.7</b> |
| *New Zealand : Other                            | 1713  | 95.7  | 4.3    | <b>12.7</b> | 1021   | 91.2  | 8.7    | <b>7.0</b> |
| USA, Hawaii                                     | 558   | 95.9  | 0.2    | <b>10.6</b> | 376    | 92.6  | 0.3    | <b>7.4</b> |
| USA, Hawaii : White                             | 206   | 95.1  | –      | <b>11.3</b> | 127    | 89.0  | –      | <b>9.6</b> |
| *USA, Hawaii : Japanese                         | 83    | 95.2  | 1.2    | <b>7.4</b>  | 59     | 91.5  | 0.0    | <b>3.8</b> |
| *USA, Hawaii : Chinese                          | 32    | 96.9  | –      | <b>9.1</b>  | 27     | 100.0 | –      | <b>6.9</b> |
| *USA, Hawaii : Hawaiian                         | 93    | 98.9  | –      | <b>10.8</b> | 64     | 96.9  | –      | <b>6.9</b> |
| *USA, Hawaii : Filipino                         | 84    | 94.0  | –      | <b>10.6</b> | 50     | 94.0  | –      | <b>5.5</b> |

\*Important. See note on population page.