

**Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent)  
rates and standard errors**

**Anus (C21)**

|  | Male  |         |      |          |      | Female |         |      |          |      |
|--|-------|---------|------|----------|------|--------|---------|------|----------|------|
|  | Cases | ASR (W) |      | CUM 0-74 |      | Cases  | ASR (W) |      | CUM 0-74 |      |
| <b>Africa</b>  |       |         |      |          |      |        |         |      |          |      |
| *Algeria, Sétif  | 3     | 0.1     | 0.07 | 0.02     | 0.01 | 4      | 0.2     | 0.08 | 0.02     | 0.01 |
| *Algeria, Batna  | 4     | 0.2     | 0.10 | 0.03     | 0.01 | 5      | 0.2     | 0.09 | 0.02     | 0.01 |
| *Kenya, Nairobi  | 9     | 0.5     | 0.19 | 0.05     | 0.03 | 24     | 1.0     | 0.25 | 0.12     | 0.04 |
| Seychelles   | 0     | -       | -    | -        | -    | 1      | 0.5     | 0.48 | 0.05     | 0.05 |
| *South Africa, Eastern Cape                            | 5     | 0.3     | 0.15 | 0.04     | 0.02 | 1      | 0.0     | 0.04 | 0.00     | 0.00 |
| *Uganda, Kyadondo County                               | 4     | 0.3     | 0.18 | 0.03     | 0.02 | 6      | 0.2     | 0.08 | 0.01     | 0.01 |
| *Zimbabwe, Harare: African                             | 14    | 1.4     | 0.44 | 0.21     | 0.08 | 16     | 1.5     | 0.40 | 0.13     | 0.04 |
| <b>Central and South America</b>                       |       |         |      |          |      |        |         |      |          |      |
| Argentina, Chaco                                       | 12    | 0.5     | 0.16 | 0.06     | 0.02 | 17     | 0.7     | 0.17 | 0.09     | 0.02 |
| Argentina, Entre Ríos Province                         | 18    | 0.8     | 0.20 | 0.11     | 0.03 | 30     | 1.2     | 0.22 | 0.17     | 0.03 |
| Argentina, Córdoba                                     | 26    | 0.7     | 0.14 | 0.07     | 0.02 | 34     | 0.7     | 0.12 | 0.08     | 0.02 |
| Argentina, Mendoza                                     | 31    | 0.7     | 0.13 | 0.09     | 0.02 | 43     | 0.8     | 0.13 | 0.10     | 0.02 |
| Argentina, Tierra del Fuego                            | 0     | -       | -    | -        | -    | 0      | -       | -    | -        | -    |
| Brazil, Aracaju  | 4     | 0.3     | 0.17 | 0.04     | 0.02 | 21     | 1.3     | 0.30 | 0.13     | 0.04 |
| Brazil, Curitiba                                       | 12    | 0.3     | 0.10 | 0.04     | 0.01 | 30     | 0.6     | 0.12 | 0.06     | 0.01 |
| Brazil, Florianópolis                                  | 7     | 1.3     | 0.49 | 0.17     | 0.07 | 11     | 1.5     | 0.45 | 0.14     | 0.05 |
| *Brazil, Goiânia                                       | 12    | 0.5     | 0.14 | 0.05     | 0.02 | 41     | 1.1     | 0.18 | 0.12     | 0.02 |
| Brazil, Jaú  | 3     | 0.8     | 0.48 | 0.13     | 0.08 | 3      | 0.6     | 0.37 | 0.08     | 0.06 |
| Brazil, Poços de Caldas                                | 2     | 0.6     | 0.42 | 0.05     | 0.04 | 3      | 0.8     | 0.47 | 0.10     | 0.06 |
| *Chile, Region of Antofagasta                          | 3     | 0.4     | 0.23 | 0.06     | 0.03 | 6      | 0.6     | 0.26 | 0.04     | 0.02 |
| Chile, Bío Bío Province                                | 4     | 0.3     | 0.16 | 0.05     | 0.03 | 4      | 0.3     | 0.15 | 0.05     | 0.03 |
| Chile, Concepción                                      | 8     | 0.5     | 0.17 | 0.05     | 0.02 | 13     | 0.7     | 0.19 | 0.07     | 0.02 |
| *Chile, Valdivia                                       | 5     | 0.5     | 0.21 | 0.05     | 0.03 | 8      | 0.5     | 0.19 | 0.05     | 0.03 |
| Colombia, Cali   | 47    | 0.9     | 0.14 | 0.11     | 0.02 | 126    | 1.9     | 0.18 | 0.27     | 0.03 |
| Colombia, Bucaramanga                                  | 13    | 0.5     | 0.15 | 0.05     | 0.02 | 31     | 1.0     | 0.18 | 0.13     | 0.03 |
| *Colombia, Manizales                                   | 8     | 0.7     | 0.25 | 0.04     | 0.02 | 14     | 1.0     | 0.28 | 0.12     | 0.04 |
| Colombia, Pasto  | 2     | 0.2     | 0.17 | 0.02     | 0.02 | 6      | 0.5     | 0.23 | 0.07     | 0.04 |
| Costa Rica   | 31    | 0.4     | 0.06 | 0.04     | 0.01 | 42     | 0.5     | 0.07 | 0.05     | 0.01 |
| Ecuador, Cuenca  | 1     | 0.1     | 0.12 | 0.02     | 0.02 | 8      | 0.5     | 0.20 | 0.07     | 0.03 |
| Ecuador, Guayaquil                                     | 13    | 0.2     | 0.06 | 0.02     | 0.01 | 60     | 1.2     | 0.16 | 0.18     | 0.03 |
| *Ecuador, Loja   | 0     | -       | -    | -        | -    | 2      | 0.8     | 0.56 | 0.08     | 0.06 |
| *Ecuador, Manabí                                       | 8     | 0.2     | 0.08 | 0.01     | 0.01 | 21     | 0.7     | 0.16 | 0.08     | 0.02 |
| Ecuador, Quito   | 9     | 0.3     | 0.09 | 0.02     | 0.01 | 44     | 1.1     | 0.17 | 0.15     | 0.03 |
| *France, Martinique                                    | 3     | 0.2     | 0.12 | 0.02     | 0.01 | 22     | 1.2     | 0.27 | 0.13     | 0.03 |
| *French Guiana   | 3     | 0.6     | 0.35 | 0.05     | 0.03 | 9      | 1.9     | 0.68 | 0.22     | 0.11 |
| *Jamaica, Kingston and St Andrew                       | 9     | 0.8     | 0.26 | 0.13     | 0.05 | 9      | 0.5     | 0.19 | 0.05     | 0.02 |
| *Peru, Lima  | 44    | 0.4     | 0.05 | 0.04     | 0.01 | 180    | 1.2     | 0.09 | 0.15     | 0.01 |
| USA, Puerto Rico                                       | 116   | 0.9     | 0.08 | 0.11     | 0.01 | 198    | 1.1     | 0.08 | 0.12     | 0.01 |
| Uruguay  | 97    | 0.9     | 0.09 | 0.12     | 0.01 | 148    | 1.0     | 0.09 | 0.13     | 0.01 |
| <b>North America</b>                                   |       |         |      |          |      |        |         |      |          |      |
| *Canada, Alberta                                       | 84    | 0.6     | 0.07 | 0.08     | 0.01 | 157    | 1.2     | 0.10 | 0.14     | 0.01 |
| Canada, British Columbia                               | 165   | 0.9     | 0.07 | 0.09     | 0.01 | 294    | 1.5     | 0.09 | 0.19     | 0.01 |
| Canada, Manitoba                                       | 26    | 0.5     | 0.11 | 0.07     | 0.02 | 59     | 1.2     | 0.16 | 0.14     | 0.02 |
| *Canada, New Brunswick                                 | 15    | 0.5     | 0.12 | 0.06     | 0.02 | 40     | 1.2     | 0.20 | 0.13     | 0.02 |
| *Canada, Newfoundland and Labrador                     | 11    | 0.5     | 0.15 | 0.05     | 0.02 | 27     | 1.1     | 0.22 | 0.11     | 0.02 |
| *Canada, Northwest Territories                         | 0     | -       | -    | -        | -    | 0      | -       | -    | -        | -    |
| *Canada, Nova Scotia                                   | 29    | 0.7     | 0.14 | 0.09     | 0.02 | 67     | 1.5     | 0.20 | 0.16     | 0.02 |
| *Canada, Nunavut                                       | 1     | 1.0     | 1.04 | 0.09     | 0.09 | 0      | -       | -    | -        | -    |
| *Canada, Ontario                                       | 513   | 1.0     | 0.05 | 0.11     | 0.01 | 743    | 1.3     | 0.05 | 0.15     | 0.01 |
| *Canada, Prince Edward Island                          | 5     | 0.8     | 0.35 | 0.08     | 0.04 | 10     | 1.5     | 0.50 | 0.16     | 0.06 |
| Canada, Saskatchewan                                   | 26    | 0.6     | 0.13 | 0.06     | 0.01 | 50     | 1.1     | 0.17 | 0.13     | 0.02 |
| *Canada, Yukon   | 2     | 1.7     | 1.21 | 0.14     | 0.14 | 0      | -       | -    | -        | -    |
| USA  | 11132 | 1.0     | 0.01 | 0.11     | 0.00 | 18750  | 1.5     | 0.01 | 0.17     | 0.00 |
| USA: White   | 9234  | 1.0     | 0.01 | 0.11     | 0.00 | 16613  | 1.6     | 0.01 | 0.19     | 0.00 |
| USA: Black   | 1627  | 1.4     | 0.04 | 0.15     | 0.00 | 1691   | 1.2     | 0.03 | 0.14     | 0.00 |
| USA, NPCR  | 10704 | 1.0     | 0.01 | 0.12     | 0.00 | 17925  | 1.5     | 0.01 | 0.17     | 0.00 |
| USA, NPCR: White                                       | 8856  | 1.0     | 0.01 | 0.11     | 0.00 | 15850  | 1.6     | 0.01 | 0.19     | 0.00 |
| USA, NPCR: Black                                       | 1598  | 1.4     | 0.04 | 0.15     | 0.00 | 1663   | 1.2     | 0.03 | 0.14     | 0.00 |
| USA, NPCR: Asian and Pacific Islander                  | 120   | 0.3     | 0.02 | 0.03     | 0.00 | 214    | 0.4     | 0.03 | 0.05     | 0.00 |
| USA, NPCR: American Indian/Alaska Natives              | 37    | 0.4     | 0.07 | 0.04     | 0.01 | 63     | 0.6     | 0.08 | 0.08     | 0.01 |
| USA, SEER (18 registries)                              | 3112  | 1.1     | 0.02 | 0.12     | 0.00 | 4913   | 1.4     | 0.02 | 0.17     | 0.00 |
| *USA, SEER (18 registries): White                      | 2512  | 1.1     | 0.02 | 0.12     | 0.00 | 4288   | 1.6     | 0.03 | 0.19     | 0.00 |
| *USA, SEER (18 registries): Non-Hispanic White         | 2237  | 1.1     | 0.02 | 0.13     | 0.00 | 3878   | 1.7     | 0.03 | 0.20     | 0.00 |
| *USA, SEER (18 registries): Hispanic White             | 275   | 0.7     | 0.04 | 0.08     | 0.01 | 410    | 1.0     | 0.05 | 0.12     | 0.01 |
| *USA, SEER (18 registries): Black                      | 467   | 1.6     | 0.07 | 0.17     | 0.01 | 421    | 1.1     | 0.06 | 0.13     | 0.01 |
| *USA, SEER (18 registries): Asian and Pacific Islander | 88    | 0.3     | 0.03 | 0.03     | 0.00 | 141    | 0.4     | 0.03 | 0.04     | 0.00 |
| USA, SEER (9 registries)                               | 1094  | 1.1     | 0.03 | 0.12     | 0.00 | 1605   | 1.4     | 0.04 | 0.16     | 0.00 |
| *USA, SEER (9 registries): White                       | 868   | 1.1     | 0.04 | 0.12     | 0.00 | 1383   | 1.5     | 0.04 | 0.18     | 0.01 |
| *USA, SEER (9 registries): Black                       | 176   | 1.8     | 0.13 | 0.18     | 0.02 | 149    | 1.2     | 0.10 | 0.14     | 0.01 |
| USA, Alabama   | 182   | 1.1     | 0.08 | 0.12     | 0.01 | 304    | 1.5     | 0.09 | 0.17     | 0.01 |
| USA, Alabama: White                                    | 137   | 1.0     | 0.09 | 0.12     | 0.01 | 263    | 1.7     | 0.11 | 0.20     | 0.01 |
| USA, Alabama: Black                                    | 44    | 1.3     | 0.20 | 0.15     | 0.03 | 38     | 0.8     | 0.13 | 0.08     | 0.01 |
| USA, Alaska  | 16    | 0.7     | 0.18 | 0.08     | 0.03 | 33     | 1.4     | 0.26 | 0.16     | 0.03 |
| USA, Alaska: Alaska Natives                            | 2     | 0.6     | 0.47 | 0.05     | 0.05 | 4      | 1.4     | 0.70 | 0.19     | 0.10 |
| USA, Arizona   | 168   | 0.7     | 0.06 | 0.08     | 0.01 | 305    | 1.1     | 0.07 | 0.13     | 0.01 |
| USA, Arizona: White                                    | 163   | 0.8     | 0.06 | 0.09     | 0.01 | 288    | 1.2     | 0.07 | 0.14     | 0.01 |
| USA, Arizona: Black                                    | 1     | 0.2     | 0.16 | 0.02     | 0.02 | 8      | 1.1     | 0.38 | 0.12     | 0.05 |
| USA, Arizona: American Indian                          | 2     | 0.2     | 0.16 | 0.02     | 0.02 | 2      | 0.2     | 0.17 | 0.03     | 0.02 |
| USA, Arkansas  | 97    | 0.9     | 0.10 | 0.10     | 0.01 | 172    | 1.4     | 0.11 | 0.16     | 0.01 |
| USA, Arkansas: White                                   | 82    | 0.9     | 0.11 | 0.10     | 0.01 | 157    | 1.5     | 0.13 | 0.17     | 0.02 |
| USA, Arkansas: Black                                   | 14    | 1.1     | 0.30 | 0.10     | 0.03 | 10     | 0.7     | 0.22 | 0.07     | 0.03 |

\*Important. See note on population page.

**Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors**  
**Anus (C21) (contd)**

|  | Male  |         |      |          |      |  | Female |         |      |          |      |  |  |
|--|-------|---------|------|----------|------|--|--------|---------|------|----------|------|--|--|
|  | Cases | ASR (W) |      | CUM 0-74 |      |  | Cases  | ASR (W) |      | CUM 0-74 |      |  |  |
| <b>North America (contd)</b>                                 |       |         |      |          |      |  |        |         |      |          |      |  |  |
| USA, California  | 1368  | 1.1     | 0.03 | 0.13     | 0.00 |  | 2017   | 1.4     | 0.03 | 0.17     | 0.00 |  |  |
| USA, California: White                                       | 1134  | 1.2     | 0.04 | 0.13     | 0.00 |  | 1783   | 1.6     | 0.04 | 0.19     | 0.01 |  |  |
| USA, California: Black                                       | 136   | 1.7     | 0.15 | 0.19     | 0.02 |  | 97     | 1.1     | 0.11 | 0.12     | 0.01 |  |  |
| USA, California: American Indian                             | 5     | 0.3     | 0.14 | 0.05     | 0.03 |  | 10     | 0.5     | 0.18 | 0.05     | 0.02 |  |  |
| USA, California, Los Angeles County                          | 377   | 1.2     | 0.06 | 0.14     | 0.01 |  | 448    | 1.2     | 0.06 | 0.15     | 0.01 |  |  |
| *USA, California, Los Angeles County: White                  | 278   | 1.2     | 0.08 | 0.15     | 0.01 |  | 364    | 1.4     | 0.08 | 0.18     | 0.01 |  |  |
| *USA, California, Los Angeles County: Non-Hispanic White     | 205   | 1.6     | 0.12 | 0.20     | 0.02 |  | 264    | 1.9     | 0.12 | 0.24     | 0.02 |  |  |
| *USA, California, Los Angeles County: Hispanic White         | 73    | 0.7     | 0.09 | 0.08     | 0.01 |  | 100    | 0.9     | 0.09 | 0.10     | 0.01 |  |  |
| *USA, California, Los Angeles County: Black                  | 65    | 2.3     | 0.29 | 0.24     | 0.03 |  | 43     | 1.1     | 0.18 | 0.12     | 0.02 |  |  |
| *USA, California, Los Angeles County: Chinese                | 6     | 0.3     | 0.14 | 0.04     | 0.03 |  | 4      | 0.2     | 0.08 | 0.02     | 0.01 |  |  |
| *USA, California, Los Angeles County: Korean                 | 5     | 0.4     | 0.20 | 0.05     | 0.02 |  | 7      | 0.4     | 0.15 | 0.03     | 0.02 |  |  |
| *USA, California, Los Angeles County: Japanese               | 3     | 0.4     | 0.22 | 0.07     | 0.04 |  | 4      | 0.4     | 0.21 | 0.04     | 0.02 |  |  |
| USA, California, San Francisco Bay Area                      | 243   | 1.5     | 0.10 | 0.18     | 0.01 |  | 248    | 1.3     | 0.09 | 0.15     | 0.01 |  |  |
| *USA, California, San Francisco Bay Area: White              | 196   | 1.8     | 0.14 | 0.21     | 0.02 |  | 198    | 1.6     | 0.12 | 0.19     | 0.02 |  |  |
| *USA, California, San Francisco Bay Area: Non-Hispanic White | 179   | 2.1     | 0.16 | 0.23     | 0.02 |  | 181    | 1.8     | 0.15 | 0.21     | 0.02 |  |  |
| *USA, California, San Francisco Bay Area: Hispanic White     | 17    | 0.9     | 0.23 | 0.11     | 0.03 |  | 17     | 0.7     | 0.18 | 0.07     | 0.02 |  |  |
| *USA, California, San Francisco Bay Area: Black              | 24    | 1.8     | 0.38 | 0.20     | 0.05 |  | 24     | 1.5     | 0.32 | 0.18     | 0.04 |  |  |
| *USA, California, San Francisco Bay Area: Chinese            | 6     | 0.4     | 0.16 | 0.04     | 0.02 |  | 5      | 0.1     | 0.06 | 0.01     | 0.01 |  |  |
| *USA, California, San Francisco Bay Area: Filipino           | 3     | 0.4     | 0.22 | 0.05     | 0.03 |  | 6      | 0.4     | 0.19 | 0.06     | 0.03 |  |  |
| *USA, California, San Francisco Bay Area: Japanese           | 4     | 2.3     | 1.19 | 0.42     | 0.26 |  | 2      | 0.9     | 0.64 | 0.08     | 0.06 |  |  |
| USA, Colorado  | 149   | 0.8     | 0.07 | 0.09     | 0.01 |  | 273    | 1.4     | 0.09 | 0.18     | 0.01 |  |  |
| USA, Colorado: White   | 140   | 0.9     | 0.07 | 0.09     | 0.01 |  | 260    | 1.5     | 0.10 | 0.18     | 0.01 |  |  |
| USA, Colorado: Black   | 6     | 0.9     | 0.39 | 0.11     | 0.05 |  | 5      | 0.7     | 0.32 | 0.05     | 0.03 |  |  |
| USA, Connecticut   | 117   | 0.9     | 0.08 | 0.09     | 0.01 |  | 202    | 1.2     | 0.09 | 0.14     | 0.01 |  |  |
| *USA, Connecticut: White                                     | 99    | 0.8     | 0.09 | 0.09     | 0.01 |  | 183    | 1.2     | 0.10 | 0.14     | 0.01 |  |  |
| *USA, Connecticut: Black                                     | 18    | 1.7     | 0.40 | 0.20     | 0.05 |  | 17     | 1.3     | 0.32 | 0.16     | 0.04 |  |  |
| USA, Delaware  | 39    | 1.2     | 0.20 | 0.13     | 0.02 |  | 59     | 1.6     | 0.21 | 0.19     | 0.03 |  |  |
| USA, Delaware: White   | 34    | 1.3     | 0.23 | 0.14     | 0.03 |  | 46     | 1.6     | 0.25 | 0.19     | 0.03 |  |  |
| USA, Delaware: Black   | 5     | 1.0     | 0.44 | 0.13     | 0.06 |  | 13     | 1.8     | 0.52 | 0.26     | 0.08 |  |  |
| USA, Florida   | 950   | 1.3     | 0.04 | 0.14     | 0.01 |  | 1625   | 1.8     | 0.05 | 0.22     | 0.01 |  |  |
| USA, Florida: White  | 851   | 1.3     | 0.05 | 0.15     | 0.01 |  | 1480   | 2.0     | 0.06 | 0.23     | 0.01 |  |  |
| USA, Florida: Black  | 86    | 1.0     | 0.11 | 0.11     | 0.01 |  | 126    | 1.3     | 0.11 | 0.14     | 0.01 |  |  |
| USA, Georgia   | 372   | 1.2     | 0.06 | 0.13     | 0.01 |  | 557    | 1.5     | 0.07 | 0.17     | 0.01 |  |  |
| USA, Georgia: White  | 251   | 1.1     | 0.07 | 0.12     | 0.01 |  | 435    | 1.7     | 0.08 | 0.19     | 0.01 |  |  |
| USA, Georgia: Black  | 119   | 1.5     | 0.14 | 0.14     | 0.02 |  | 116    | 1.2     | 0.11 | 0.13     | 0.01 |  |  |
| USA, Georgia, Atlanta  | 159   | 1.5     | 0.12 | 0.15     | 0.01 |  | 163    | 1.4     | 0.11 | 0.16     | 0.02 |  |  |
| *USA, Georgia, Atlanta: White                                | 83    | 1.4     | 0.15 | 0.14     | 0.02 |  | 109    | 1.6     | 0.16 | 0.18     | 0.02 |  |  |
| *USA, Georgia, Atlanta: Black                                | 74    | 2.0     | 0.24 | 0.19     | 0.03 |  | 49     | 1.2     | 0.17 | 0.15     | 0.03 |  |  |
| USA, Idaho   | 46    | 0.8     | 0.12 | 0.08     | 0.01 |  | 116    | 2.1     | 0.20 | 0.24     | 0.03 |  |  |
| USA, Illinois  | 427   | 1.0     | 0.05 | 0.10     | 0.01 |  | 695    | 1.3     | 0.05 | 0.15     | 0.01 |  |  |
| USA, Illinois: White   | 323   | 0.9     | 0.05 | 0.09     | 0.01 |  | 591    | 1.4     | 0.06 | 0.16     | 0.01 |  |  |
| USA, Illinois: Black   | 95    | 1.8     | 0.18 | 0.18     | 0.02 |  | 92     | 1.3     | 0.14 | 0.15     | 0.02 |  |  |
| USA, Indiana   | 214   | 0.9     | 0.07 | 0.11     | 0.01 |  | 434    | 1.7     | 0.09 | 0.20     | 0.01 |  |  |
| USA, Indiana: White  | 202   | 1.0     | 0.07 | 0.11     | 0.01 |  | 414    | 1.8     | 0.09 | 0.21     | 0.01 |  |  |
| USA, Indiana: Black  | 11    | 0.7     | 0.21 | 0.05     | 0.02 |  | 18     | 0.9     | 0.22 | 0.10     | 0.03 |  |  |
| USA, Iowa  | 105   | 0.9     | 0.09 | 0.11     | 0.01 |  | 205    | 1.6     | 0.12 | 0.18     | 0.02 |  |  |
| USA, Kentucky  | 174   | 1.1     | 0.09 | 0.12     | 0.01 |  | 331    | 1.8     | 0.11 | 0.21     | 0.01 |  |  |
| USA, Louisiana   | 185   | 1.2     | 0.09 | 0.14     | 0.01 |  | 256    | 1.4     | 0.09 | 0.16     | 0.01 |  |  |
| USA, Louisiana: White  | 124   | 1.1     | 0.10 | 0.13     | 0.01 |  | 201    | 1.6     | 0.12 | 0.18     | 0.01 |  |  |
| USA, Louisiana: Black  | 60    | 1.5     | 0.19 | 0.16     | 0.02 |  | 54     | 1.1     | 0.15 | 0.11     | 0.02 |  |  |
| USA, Louisiana, New Orleans                                  | 43    | 1.6     | 0.25 | 0.19     | 0.03 |  | 48     | 1.4     | 0.21 | 0.17     | 0.03 |  |  |
| *USA, Louisiana, New Orleans: White                          | 28    | 1.7     | 0.32 | 0.22     | 0.04 |  | 31     | 1.5     | 0.29 | 0.19     | 0.04 |  |  |
| *USA, Louisiana, New Orleans: Black                          | 14    | 1.5     | 0.41 | 0.15     | 0.04 |  | 17     | 1.4     | 0.34 | 0.15     | 0.05 |  |  |
| USA, Maine   | 67    | 1.2     | 0.16 | 0.15     | 0.02 |  | 107    | 1.6     | 0.17 | 0.19     | 0.02 |  |  |
| USA, Maryland  | 215   | 1.1     | 0.08 | 0.12     | 0.01 |  | 335    | 1.4     | 0.08 | 0.16     | 0.01 |  |  |
| USA, Maryland: White   | 133   | 0.9     | 0.08 | 0.11     | 0.01 |  | 254    | 1.6     | 0.11 | 0.19     | 0.01 |  |  |
| USA, Maryland: Black   | 80    | 1.6     | 0.18 | 0.17     | 0.02 |  | 76     | 1.2     | 0.13 | 0.13     | 0.02 |  |  |
| USA, Massachusetts   | 242   | 1.0     | 0.06 | 0.11     | 0.01 |  | 400    | 1.4     | 0.07 | 0.17     | 0.01 |  |  |
| USA, Massachusetts: White                                    | 214   | 1.0     | 0.07 | 0.11     | 0.01 |  | 371    | 1.5     | 0.08 | 0.17     | 0.01 |  |  |
| USA, Massachusetts: Black                                    | 22    | 1.6     | 0.33 | 0.17     | 0.04 |  | 16     | 1.0     | 0.25 | 0.12     | 0.04 |  |  |
| USA, Michigan  | 336   | 0.9     | 0.05 | 0.10     | 0.01 |  | 612    | 1.4     | 0.06 | 0.17     | 0.01 |  |  |
| USA, Michigan: White   | 278   | 0.9     | 0.05 | 0.10     | 0.01 |  | 540    | 1.5     | 0.07 | 0.18     | 0.01 |  |  |
| USA, Michigan: Black   | 56    | 1.4     | 0.19 | 0.14     | 0.02 |  | 60     | 1.1     | 0.14 | 0.11     | 0.02 |  |  |
| USA, Michigan, Detroit                                       | 153   | 1.1     | 0.09 | 0.12     | 0.01 |  | 228    | 1.3     | 0.09 | 0.15     | 0.01 |  |  |
| *USA, Michigan, Detroit: White                               | 107   | 1.0     | 0.10 | 0.11     | 0.01 |  | 177    | 1.4     | 0.11 | 0.16     | 0.01 |  |  |
| *USA, Michigan, Detroit: Black                               | 45    | 1.7     | 0.26 | 0.17     | 0.03 |  | 49     | 1.2     | 0.18 | 0.12     | 0.02 |  |  |
| USA, Minnesota   | 153   | 0.8     | 0.06 | 0.09     | 0.01 |  | 275    | 1.3     | 0.08 | 0.16     | 0.01 |  |  |
| USA, Mississippi   | 118   | 1.2     | 0.11 | 0.14     | 0.01 |  | 198    | 1.6     | 0.12 | 0.19     | 0.02 |  |  |
| USA, Missouri  | 247   | 1.2     | 0.08 | 0.13     | 0.01 |  | 406    | 1.7     | 0.09 | 0.19     | 0.01 |  |  |
| USA, Missouri: White   | 207   | 1.1     | 0.08 | 0.12     | 0.01 |  | 368    | 1.7     | 0.10 | 0.20     | 0.01 |  |  |
| USA, Missouri: Black   | 39    | 2.1     | 0.34 | 0.21     | 0.04 |  | 38     | 1.6     | 0.26 | 0.22     | 0.04 |  |  |
| USA, Montana   | 31    | 0.8     | 0.14 | 0.10     | 0.02 |  | 65     | 1.6     | 0.21 | 0.18     | 0.03 |  |  |
| USA, Nebraska  | 54    | 0.8     | 0.12 | 0.10     | 0.02 |  | 98     | 1.3     | 0.14 | 0.16     | 0.02 |  |  |
| USA, Nebraska: White   | 51    | 0.8     | 0.12 | 0.10     | 0.02 |  | 94     | 1.3     | 0.14 | 0.16     | 0.02 |  |  |
| USA, Nebraska: Black   | 3     | 1.4     | 0.81 | 0.10     | 0.08 |  | 2      | 0.9     | 0.67 | 0.10     | 0.07 |  |  |
| USA, Nevada  | 104   | 1.1     | 0.11 | 0.13     | 0.01 |  | 155    | 1.5     | 0.12 | 0.17     | 0.02 |  |  |
| USA, Nevada: White   | 90    | 1.1     | 0.12 | 0.13     | 0.02 |  | 140    | 1.6     | 0.14 | 0.18     | 0.02 |  |  |
| USA, Nevada: Black   | 6     | 0.8     | 0.33 | 0.08     | 0.04 |  | 8      | 1.1     | 0.38 | 0.10     | 0.04 |  |  |
| USA, New Hampshire   | 45    | 0.9     | 0.13 | 0.11     | 0.02 |  | 97     | 1.6     | 0.17 | 0.19     | 0.02 |  |  |
| USA, New Jersey  | 319   | 1.0     | 0.06 | 0.12     | 0.01 |  | 554    | 1.4     | 0.06 | 0.17     | 0.01 |  |  |
| USA, New Jersey: White                                       | 254   | 1.0     | 0.06 | 0.12     | 0.01 |  | 483    | 1.6     | 0.08 | 0.19     | 0.01 |  |  |
| USA, New Jersey: Black                                       | 61    | 1.6     | 0.21 | 0.19     | 0.03 |  | 59     | 1.2     | 0.16 | 0.13     | 0.02 |  |  |
| USA, New Mexico  | 53    | 0.7     | 0.10 | 0.08     | 0.01 |  | 104    | 1.3     | 0.13 | 0.16     | 0.02 |  |  |
| *USA, New Mexico: White                                      | 51    | 0.8     | 0.11 | 0.08     | 0.01 |  | 98     | 1.4     | 0.14 | 0.17     | 0.02 |  |  |
| *USA, New Mexico: Hispanic White                             | 14    | 0.5     | 0.15 | 0.05     | 0.02 |  | 23     | 0.8     | 0.17 | 0.11     | 0.03 |  |  |
| *USA, New Mexico: Non-Hispanic White                         | 37    | 0.8     | 0.14 | 0.10     | 0.02 |  | 75     | 1.8     | 0.22 | 0.21     | 0.03 |  |  |

\*Important. See note on population page.

**Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent)  
rates and standard errors  
Anus (C21) (contd)**

|                                      | Male  |         |      |          |      | Female |         |      |          |      |
|--------------------------------------|-------|---------|------|----------|------|--------|---------|------|----------|------|
|                                      | Cases | ASR (W) |      | CUM 0-74 |      | Cases  | ASR (W) |      | CUM 0-74 |      |
| <b>North America (contd)</b>         |       |         |      |          |      |        |         |      |          |      |
| USA, New York State                  | 835   | 1.2     | 0.04 | 0.14     | 0.01 | 1206   | 1.5     | 0.04 | 0.17     | 0.01 |
| USA, New York State: White           | 625   | 1.2     | 0.05 | 0.13     | 0.01 | 962    | 1.5     | 0.05 | 0.18     | 0.01 |
| USA, New York State: Black           | 190   | 2.0     | 0.15 | 0.22     | 0.02 | 220    | 1.6     | 0.11 | 0.19     | 0.01 |
| USA, North Carolina                  | 324   | 1.0     | 0.06 | 0.11     | 0.01 | 569    | 1.5     | 0.06 | 0.18     | 0.01 |
| USA, North Carolina: White           | 228   | 0.9     | 0.06 | 0.10     | 0.01 | 479    | 1.7     | 0.08 | 0.20     | 0.01 |
| USA, North Carolina: Black           | 93    | 1.6     | 0.17 | 0.17     | 0.02 | 82     | 1.0     | 0.12 | 0.11     | 0.02 |
| USA, North Dakota                    | 16    | 0.6     | 0.15 | 0.06     | 0.02 | 24     | 0.8     | 0.18 | 0.10     | 0.02 |
| USA, Ohio                            | 401   | 1.0     | 0.05 | 0.11     | 0.01 | 749    | 1.5     | 0.06 | 0.17     | 0.01 |
| USA, Ohio: White                     | 338   | 0.9     | 0.05 | 0.11     | 0.01 | 682    | 1.5     | 0.06 | 0.17     | 0.01 |
| USA, Ohio: Black                     | 57    | 1.5     | 0.20 | 0.15     | 0.02 | 62     | 1.1     | 0.15 | 0.14     | 0.02 |
| USA, Oklahoma                        | 144   | 1.1     | 0.09 | 0.13     | 0.01 | 252    | 1.7     | 0.11 | 0.20     | 0.01 |
| USA, Oklahoma: White                 | 126   | 1.1     | 0.10 | 0.13     | 0.01 | 235    | 1.9     | 0.13 | 0.22     | 0.02 |
| USA, Oklahoma: Black                 | 8     | 1.0     | 0.37 | 0.13     | 0.06 | 6      | 0.7     | 0.29 | 0.08     | 0.03 |
| USA, Oregon                          | 158   | 1.1     | 0.09 | 0.13     | 0.01 | 333    | 2.0     | 0.12 | 0.24     | 0.02 |
| USA, Oregon: White                   | 151   | 1.1     | 0.10 | 0.13     | 0.01 | 320    | 2.1     | 0.12 | 0.24     | 0.02 |
| USA, Oregon: Black                   | 1     | 0.6     | 0.59 | 0.10     | 0.10 | 4      | 1.9     | 0.97 | 0.28     | 0.20 |
| USA, Pennsylvania                    | 462   | 1.0     | 0.05 | 0.11     | 0.01 | 839    | 1.5     | 0.06 | 0.17     | 0.01 |
| USA, Pennsylvania: White             | 395   | 0.9     | 0.05 | 0.11     | 0.01 | 733    | 1.5     | 0.06 | 0.17     | 0.01 |
| USA, Pennsylvania: Black             | 65    | 1.6     | 0.19 | 0.14     | 0.02 | 89     | 1.8     | 0.19 | 0.23     | 0.03 |
| USA, Rhode Island                    | 33    | 0.8     | 0.15 | 0.09     | 0.02 | 77     | 1.5     | 0.19 | 0.17     | 0.02 |
| USA, Rhode Island: White             | 30    | 0.8     | 0.15 | 0.09     | 0.02 | 74     | 1.6     | 0.20 | 0.18     | 0.02 |
| USA, Rhode Island: Black             | 3     | 1.7     | 1.02 | 0.21     | 0.14 | 2      | 0.7     | 0.53 | 0.05     | 0.05 |
| USA, South Carolina                  | 173   | 1.1     | 0.08 | 0.12     | 0.01 | 286    | 1.4     | 0.09 | 0.16     | 0.01 |
| USA, South Carolina: White           | 126   | 1.0     | 0.09 | 0.11     | 0.01 | 230    | 1.6     | 0.11 | 0.18     | 0.01 |
| USA, South Carolina: Black           | 46    | 1.2     | 0.18 | 0.14     | 0.02 | 51     | 0.9     | 0.14 | 0.10     | 0.02 |
| USA, South Dakota                    | 24    | 0.7     | 0.16 | 0.09     | 0.02 | 43     | 1.4     | 0.23 | 0.15     | 0.03 |
| USA, Tennessee                       | 260   | 1.2     | 0.07 | 0.13     | 0.01 | 459    | 1.7     | 0.09 | 0.19     | 0.01 |
| USA, Tennessee: White                | 222   | 1.2     | 0.08 | 0.13     | 0.01 | 415    | 1.9     | 0.10 | 0.20     | 0.01 |
| USA, Tennessee: Black                | 32    | 1.1     | 0.20 | 0.12     | 0.02 | 41     | 1.1     | 0.18 | 0.13     | 0.02 |
| USA, Texas                           | 735   | 0.9     | 0.04 | 0.11     | 0.00 | 1124   | 1.3     | 0.04 | 0.15     | 0.01 |
| USA, Texas: White                    | 625   | 0.9     | 0.04 | 0.11     | 0.01 | 1019   | 1.4     | 0.04 | 0.16     | 0.01 |
| USA, Texas: Black                    | 102   | 1.2     | 0.12 | 0.12     | 0.01 | 95     | 1.0     | 0.10 | 0.13     | 0.02 |
| USA, Utah                            | 47    | 0.6     | 0.09 | 0.07     | 0.01 | 92     | 1.1     | 0.12 | 0.15     | 0.02 |
| USA, Vermont                         | 21    | 0.8     | 0.18 | 0.10     | 0.03 | 41     | 1.5     | 0.24 | 0.17     | 0.03 |
| USA, Virginia                        | 261   | 0.9     | 0.06 | 0.10     | 0.01 | 463    | 1.4     | 0.07 | 0.16     | 0.01 |
| USA, Virginia: White                 | 198   | 0.9     | 0.06 | 0.10     | 0.01 | 386    | 1.5     | 0.08 | 0.17     | 0.01 |
| USA, Virginia: Black                 | 56    | 1.2     | 0.16 | 0.13     | 0.02 | 72     | 1.2     | 0.14 | 0.12     | 0.02 |
| USA, Washington State                | 256   | 1.0     | 0.07 | 0.12     | 0.01 | 455    | 1.7     | 0.08 | 0.19     | 0.01 |
| USA, Washington, Seattle             | 183   | 1.1     | 0.08 | 0.11     | 0.01 | 310    | 1.6     | 0.10 | 0.19     | 0.01 |
| USA, West Virginia                   | 63    | 0.8     | 0.11 | 0.08     | 0.01 | 143    | 1.7     | 0.15 | 0.20     | 0.02 |
| USA, Wisconsin                       | 171   | 0.8     | 0.06 | 0.09     | 0.01 | 321    | 1.4     | 0.08 | 0.17     | 0.01 |
| USA, Wisconsin: White                | 158   | 0.8     | 0.06 | 0.09     | 0.01 | 293    | 1.4     | 0.08 | 0.17     | 0.01 |
| USA, Wisconsin: Black                | 11    | 1.1     | 0.33 | 0.09     | 0.03 | 12     | 1.2     | 0.36 | 0.14     | 0.04 |
| USA, Wyoming                         | 10    | 0.4     | 0.14 | 0.06     | 0.02 | 24     | 1.0     | 0.22 | 0.10     | 0.03 |
| <b>Asia</b>                          |       |         |      |          |      |        |         |      |          |      |
| Bahrain: Bahraini                    | 5     | 0.6     | 0.27 | 0.09     | 0.05 | 2      | 0.2     | 0.11 | 0.01     | 0.01 |
| Brunei Darussalam                    | 2     | 0.5     | 0.34 | 0.04     | 0.03 | 1      | 0.2     | 0.21 | 0.02     | 0.02 |
| China, Anshan City                   | 3     | 0.1     | 0.03 | 0.01     | 0.01 | 9      | 0.1     | 0.04 | 0.02     | 0.01 |
| China, Beijing                       | 33    | 0.1     | 0.02 | 0.01     | 0.00 | 27     | 0.1     | 0.01 | 0.01     | 0.00 |
| China, Benxi                         | 3     | 0.1     | 0.08 | 0.02     | 0.01 | 8      | 0.3     | 0.12 | 0.05     | 0.02 |
| China, Cixian County                 | 2     | 0.1     | 0.10 | 0.00     | 0.00 | 7      | 0.5     | 0.20 | 0.07     | 0.03 |
| China, Guangzhou                     | 41    | 0.2     | 0.04 | 0.02     | 0.00 | 24     | 0.1     | 0.03 | 0.02     | 0.00 |
| China, Guanyun                       | 0     | -       | -    | -        | -    | 1      | 0.0     | 0.04 | 0.01     | 0.01 |
| China, Haimen County                 | 3     | 0.0     | 0.03 | 0.00     | 0.00 | 2      | 0.0     | 0.02 | -        | -    |
| China, Hangzhou City                 | 99    | 0.3     | 0.04 | 0.04     | 0.01 | 77     | 0.3     | 0.03 | 0.03     | 0.01 |
| China, Harbin City, Nangang District | 7     | 0.2     | 0.08 | 0.03     | 0.01 | 2      | 0.1     | 0.04 | 0.00     | 0.00 |
| China, Hefei                         | 7     | 0.2     | 0.07 | 0.03     | 0.01 | 5      | 0.1     | 0.05 | 0.01     | 0.00 |
| China, Hengdong                      | 0     | -       | -    | -        | -    | 3      | 0.1     | 0.09 | 0.01     | 0.01 |
| China, Hong Kong                     | 118   | 0.4     | 0.04 | 0.04     | 0.01 | 155    | 0.4     | 0.04 | 0.05     | 0.01 |
| *China, Huaiyin District, Huai'an    | 3     | 0.1     | 0.05 | 0.00     | 0.00 | 2      | 0.1     | 0.08 | 0.01     | 0.01 |
| China, Jiangmen                      | 3     | 0.3     | 0.16 | 0.04     | 0.02 | 7      | 0.5     | 0.20 | 0.06     | 0.02 |
| China, Jianhu County                 | 0     | -       | -    | -        | -    | 0      | -       | -    | -        | -    |
| China, Jiaohan County                | 5     | 0.3     | 0.11 | 0.03     | 0.02 | 4      | 0.3     | 0.17 | 0.02     | 0.02 |
| China, Jiading City                  | 21    | 1.0     | 0.22 | 0.11     | 0.03 | 10     | 0.4     | 0.14 | 0.05     | 0.02 |
| China, Lianyungang                   | 9     | 0.3     | 0.10 | 0.02     | 0.01 | 4      | 0.1     | 0.06 | 0.01     | 0.01 |
| China, Linzhou County                | 2     | 0.1     | 0.04 | 0.00     | 0.00 | 1      | 0.0     | 0.03 | 0.00     | 0.00 |
| China, Liuzhou                       | 4     | 0.2     | 0.08 | 0.02     | 0.01 | 4      | 0.1     | 0.07 | 0.01     | 0.01 |
| China, Maanshan                      | 8     | 0.4     | 0.14 | 0.04     | 0.02 | 1      | 0.0     | 0.05 | 0.01     | 0.01 |
| China, Qidong County                 | 6     | 0.1     | 0.05 | 0.01     | 0.01 | 1      | 0.0     | 0.02 | 0.00     | 0.00 |
| China, Shanghai City                 | 62    | 0.2     | 0.02 | 0.02     | 0.00 | 59     | 0.1     | 0.02 | 0.01     | 0.00 |
| China, Shenyang                      | 23    | 0.2     | 0.03 | 0.02     | 0.01 | 13     | 0.1     | 0.02 | 0.01     | 0.00 |
| *China, Shexian County               | 3     | 0.2     | 0.15 | 0.02     | 0.01 | 1      | 0.1     | 0.08 | -        | -    |
| China, Sheyang                       | 0     | -       | -    | -        | -    | 1      | 0.0     | 0.03 | 0.01     | 0.01 |
| China, Tongling City                 | 1     | 0.1     | 0.08 | 0.01     | 0.01 | 2      | 0.2     | 0.12 | 0.04     | 0.03 |
| China, Wuhan City                    | 46    | 0.3     | 0.04 | 0.03     | 0.01 | 44     | 0.2     | 0.04 | 0.02     | 0.00 |
| China, Wuxi                          | 14    | 0.2     | 0.06 | 0.02     | 0.01 | 8      | 0.1     | 0.04 | 0.01     | 0.00 |
| China, Xianju                        | 9     | 0.9     | 0.30 | 0.12     | 0.05 | 6      | 0.6     | 0.23 | 0.07     | 0.03 |
| China, Xiping                        | 2     | 0.1     | 0.10 | 0.02     | 0.01 | 1      | 0.1     | 0.06 | 0.00     | 0.00 |
| China, Yanshi                        | 0     | -       | -    | -        | -    | 1      | 0.1     | 0.09 | 0.01     | 0.01 |
| China, Yanting County                | 2     | 0.1     | 0.07 | 0.01     | 0.01 | 2      | 0.1     | 0.07 | 0.01     | 0.01 |
| China, Yueyanglou                    | 0     | -       | -    | -        | -    | 0      | -       | -    | -        | -    |
| China, Zhongshan City                | 12    | 0.4     | 0.12 | 0.05     | 0.02 | 3      | 0.1     | 0.06 | 0.01     | 0.01 |
| China, Zhuhai                        | 3     | 0.2     | 0.12 | 0.03     | 0.02 | 6      | 0.3     | 0.14 | 0.04     | 0.02 |

\*Important. See note on population page.

**Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent)  
rates and standard errors  
Anus (C21) (contd)**

|   | Male  |         |      |          |      | Female |         |      |          |      |
|---|-------|---------|------|----------|------|--------|---------|------|----------|------|
|   | Cases | ASR (W) |      | CUM 0-74 |      | Cases  | ASR (W) |      | CUM 0-74 |      |
| <b>Asia (contd)</b>                           |       |         |      |          |      |        |         |      |          |      |
| *India, Ahmedabad                             | 5     | 0.2     | 0.09 | 0.02     | 0.01 | 7      | 0.3     | 0.10 | 0.03     | 0.01 |
| *India, Bangalore                             | 64    | 0.4     | 0.05 | 0.05     | 0.01 | 69     | 0.5     | 0.06 | 0.06     | 0.01 |
| *India; Barshi, Paranda, and Bhum             | 4     | 0.3     | 0.16 | 0.03     | 0.02 | 0      | -       | -    | -        | -    |
| *India, Bhopal                                | 30    | 0.8     | 0.15 | 0.08     | 0.02 | 13     | 0.4     | 0.10 | 0.04     | 0.01 |
| *India, Cachar                                | 13    | 0.4     | 0.11 | 0.03     | 0.01 | 7      | 0.2     | 0.09 | 0.03     | 0.01 |
| *India, Chennai                               | 73    | 0.6     | 0.08 | 0.07     | 0.01 | 57     | 0.5     | 0.07 | 0.07     | 0.01 |
| *India, Dindigul, Ambalikkai                  | 12    | 0.2     | 0.06 | 0.03     | 0.01 | 14     | 0.2     | 0.07 | 0.03     | 0.01 |
| *India, Kamrup Urban District                 | 12    | 0.5     | 0.15 | 0.06     | 0.02 | 8      | 0.4     | 0.15 | 0.05     | 0.02 |
| *India, Kollam                                | 12    | 0.2     | 0.05 | 0.01     | 0.00 | 8      | 0.1     | 0.03 | 0.01     | 0.00 |
| *India, Mizoram                               | 3     | 0.2     | 0.10 | 0.02     | 0.01 | 1      | 0.1     | 0.05 | 0.01     | 0.01 |
| *India, Mumbai                                | 120   | 0.4     | 0.04 | 0.04     | 0.00 | 87     | 0.3     | 0.03 | 0.03     | 0.00 |
| *India, Poona                                 | 26    | 0.3     | 0.06 | 0.03     | 0.01 | 14     | 0.2     | 0.05 | 0.02     | 0.01 |
| *India, Sikkim State                          | 5     | 0.4     | 0.17 | 0.04     | 0.03 | 5      | 0.5     | 0.24 | 0.07     | 0.03 |
| *India, Tripura                               | 10    | 0.2     | 0.06 | 0.02     | 0.01 | 4      | 0.1     | 0.04 | 0.01     | 0.00 |
| *India, Trivandrum                            | 8     | 0.3     | 0.09 | 0.03     | 0.01 | 4      | 0.1     | 0.05 | 0.01     | 0.01 |
| *India, Wardha                                | 8     | 0.4     | 0.13 | 0.04     | 0.02 | 1      | 0.1     | 0.06 | 0.01     | 0.01 |
| Iran (Islamic Republic of), Golestan Province | 6     | 0.2     | 0.07 | 0.02     | 0.01 | 2      | 0.1     | 0.04 | 0.01     | 0.01 |
| Israel  | 86    | 0.4     | 0.05 | 0.05     | 0.01 | 105    | 0.4     | 0.04 | 0.05     | 0.01 |
| *Israel: Jews                                 | 73    | 0.4     | 0.05 | 0.05     | 0.01 | 96     | 0.4     | 0.05 | 0.06     | 0.01 |
| *Israel: Non-Jews, Arab                       | 9     | 0.4     | 0.13 | 0.03     | 0.01 | 3      | 0.1     | 0.06 | 0.02     | 0.01 |
| *Israel: Non-Jews, Other                      | 4     | 0.5     | 0.27 | 0.06     | 0.04 | 6      | 0.6     | 0.23 | 0.07     | 0.03 |
| Japan, Aichi Prefecture                       | 114   | 0.3     | 0.03 | 0.03     | 0.00 | 110    | 0.3     | 0.03 | 0.03     | 0.00 |
| Japan, Fukui Prefecture                       | 13    | 0.3     | 0.11 | 0.04     | 0.01 | 14     | 0.2     | 0.06 | 0.01     | 0.01 |
| Japan, Hiroshima Prefecture                   | 45    | 0.2     | 0.04 | 0.03     | 0.01 | 52     | 0.2     | 0.04 | 0.02     | 0.01 |
| Japan, Miyagi Prefecture                      | 17    | 0.2     | 0.06 | 0.02     | 0.01 | 19     | 0.2     | 0.05 | 0.02     | 0.01 |
| Japan, Nagasaki Prefecture                    | 26    | 0.3     | 0.07 | 0.03     | 0.01 | 31     | 0.2     | 0.07 | 0.02     | 0.01 |
| Japan, Niigata Prefecture                     | 44    | 0.4     | 0.06 | 0.04     | 0.01 | 39     | 0.2     | 0.04 | 0.02     | 0.00 |
| Japan, Osaka Prefecture                       | 154   | 0.3     | 0.03 | 0.04     | 0.00 | 174    | 0.3     | 0.03 | 0.03     | 0.00 |
| Japan, Tochigi Prefecture                     | 34    | 0.3     | 0.06 | 0.04     | 0.01 | 25     | 0.2     | 0.04 | 0.02     | 0.01 |
| Japan, Yamagata Prefecture                    | 21    | 0.3     | 0.07 | 0.03     | 0.01 | 29     | 0.3     | 0.06 | 0.03     | 0.01 |
| *Jordan: Jordanians                           | 29    | 0.3     | 0.06 | 0.04     | 0.01 | 18     | 0.2     | 0.05 | 0.02     | 0.01 |
| Republic of Korea                             | 516   | 0.3     | 0.01 | 0.03     | 0.00 | 646    | 0.3     | 0.01 | 0.04     | 0.00 |
| Republic of Korea, Busan                      | 43    | 0.3     | 0.05 | 0.04     | 0.01 | 60     | 0.4     | 0.05 | 0.05     | 0.01 |
| Republic of Korea, Daegu                      | 20    | 0.2     | 0.05 | 0.03     | 0.01 | 21     | 0.2     | 0.05 | 0.02     | 0.01 |
| Republic of Korea, Daejeon                    | 17    | 0.5     | 0.11 | 0.04     | 0.01 | 24     | 0.5     | 0.10 | 0.06     | 0.02 |
| Republic of Korea, Gwangju                    | 16    | 0.4     | 0.10 | 0.05     | 0.02 | 17     | 0.3     | 0.08 | 0.03     | 0.01 |
| Republic of Korea, Incheon                    | 28    | 0.4     | 0.07 | 0.05     | 0.01 | 27     | 0.3     | 0.06 | 0.04     | 0.01 |
| Republic of Korea, Jeju-do                    | 2     | 0.1     | 0.08 | 0.02     | 0.01 | 6      | 0.3     | 0.12 | 0.03     | 0.02 |
| Republic of Korea, Seoul                      | 112   | 0.4     | 0.04 | 0.04     | 0.00 | 133    | 0.4     | 0.03 | 0.04     | 0.00 |
| Republic of Korea, Ulsan                      | 4     | 0.2     | 0.13 | 0.01     | 0.01 | 12     | 0.3     | 0.10 | 0.04     | 0.02 |
| Kuwait  | 16    | 0.3     | 0.09 | 0.02     | 0.01 | 13     | 0.4     | 0.12 | 0.02     | 0.01 |
| Kuwait: Kuwaitis                              | 5     | 0.3     | 0.12 | 0.02     | 0.01 | 10     | 0.6     | 0.18 | 0.04     | 0.02 |
| Kuwait: Non-Kuwaitis                          | 11    | 0.4     | 0.17 | 0.02     | 0.01 | 3      | 0.2     | 0.13 | 0.00     | 0.00 |
| *Malaysia, Penang                             | 6     | 0.3     | 0.12 | 0.03     | 0.01 | 14     | 0.6     | 0.16 | 0.06     | 0.02 |
| *Malaysia, Penang: Chinese                    | 3     | 0.2     | 0.13 | 0.02     | 0.01 | 12     | 0.8     | 0.25 | 0.09     | 0.04 |
| *Malaysia, Penang: Malay                      | 3     | 0.5     | 0.30 | 0.05     | 0.04 | 1      | 0.1     | 0.12 | 0.01     | 0.01 |
| *Malaysia, Penang: Indian                     | 0     | -       | -    | -        | -    | 0      | -       | -    | -        | -    |
| *Philippines, Manila                          | 30    | 0.3     | 0.05 | 0.04     | 0.01 | 27     | 0.2     | 0.04 | 0.02     | 0.01 |
| *Philippines, Rizal                           | 34    | 0.3     | 0.05 | 0.03     | 0.01 | 22     | 0.1     | 0.03 | 0.02     | 0.01 |
| Qatar: Qatari                                 | 4     | 1.3     | 0.71 | 0.16     | 0.11 | 1      | 0.4     | 0.40 | 0.05     | 0.05 |
| *Saudi Arabia, Riyadh: Saudi                  | 22    | 0.3     | 0.06 | 0.03     | 0.01 | 11     | 0.2     | 0.06 | 0.02     | 0.01 |
| Thailand, Bangkok                             | 41    | 0.4     | 0.06 | 0.04     | 0.01 | 36     | 0.3     | 0.05 | 0.04     | 0.01 |
| Thailand, Chiang Mai                          | 17    | 0.4     | 0.09 | 0.05     | 0.02 | 15     | 0.3     | 0.07 | 0.04     | 0.01 |
| Thailand, Chonburi                            | 10    | 0.4     | 0.12 | 0.04     | 0.02 | 11     | 0.4     | 0.12 | 0.04     | 0.01 |
| Thailand, Khon Kaen                           | 17    | 0.3     | 0.08 | 0.03     | 0.01 | 9      | 0.1     | 0.05 | 0.02     | 0.01 |
| Thailand, Lampang                             | 6     | 0.2     | 0.09 | 0.02     | 0.01 | 9      | 0.2     | 0.09 | 0.03     | 0.01 |
| *Thailand, Lopburi Province                   | 9     | 0.4     | 0.15 | 0.05     | 0.02 | 7      | 0.3     | 0.13 | 0.04     | 0.02 |
| Thailand, Songkhla                            | 14    | 0.3     | 0.09 | 0.03     | 0.01 | 12     | 0.2     | 0.07 | 0.02     | 0.01 |
| Turkey, Antalya                               | 13    | 0.2     | 0.07 | 0.02     | 0.01 | 12     | 0.2     | 0.07 | 0.02     | 0.01 |
| Turkey, Bursa                                 | 16    | 0.2     | 0.06 | 0.03     | 0.01 | 16     | 0.2     | 0.06 | 0.03     | 0.01 |
| Turkey, Edirne                                | 4     | 0.3     | 0.17 | 0.05     | 0.02 | 2      | 0.1     | 0.09 | 0.01     | 0.01 |
| Turkey, Erzurum                               | 1     | 0.1     | 0.06 | -        | -    | 4      | 0.3     | 0.17 | 0.02     | 0.01 |
| Turkey, Eskisehir                             | 2     | 0.1     | 0.07 | 0.01     | 0.01 | 2      | 0.1     | 0.05 | 0.00     | 0.00 |
| Turkey, Izmir                                 | 33    | 0.3     | 0.05 | 0.02     | 0.01 | 39     | 0.3     | 0.05 | 0.04     | 0.01 |
| Turkey, Samsun                                | 11    | 0.3     | 0.09 | 0.03     | 0.01 | 4      | 0.1     | 0.05 | 0.01     | 0.01 |
| Turkey, Trabzon                               | 3     | 0.2     | 0.10 | 0.02     | 0.01 | 4      | 0.1     | 0.07 | 0.02     | 0.01 |
| *Viet Nam, Ho Chi Minh City                   | 33    | 0.3     | 0.06 | 0.04     | 0.01 | 38     | 0.2     | 0.04 | 0.03     | 0.01 |
| <b>Europe</b>                                 |       |         |      |          |      |        |         |      |          |      |
| Austria                                       | 230   | 0.7     | 0.05 | 0.08     | 0.01 | 454    | 1.1     | 0.06 | 0.12     | 0.01 |
| Austria, Carinthia                            | 21    | 0.8     | 0.19 | 0.10     | 0.03 | 29     | 1.1     | 0.23 | 0.12     | 0.03 |
| Austria, Tyrol                                | 21    | 0.7     | 0.17 | 0.09     | 0.02 | 42     | 1.3     | 0.22 | 0.14     | 0.03 |
| Austria, Vorarlberg                           | 9     | 0.6     | 0.22 | 0.06     | 0.03 | 16     | 0.8     | 0.22 | 0.09     | 0.03 |
| *Belarus                                      | 72    | 0.2     | 0.03 | 0.03     | 0.00 | 175    | 0.4     | 0.03 | 0.05     | 0.00 |
| *Belgium                                      | 317   | 0.7     | 0.04 | 0.08     | 0.01 | 454    | 0.9     | 0.04 | 0.10     | 0.01 |
| Bulgaria                                      | 98    | 0.3     | 0.03 | 0.04     | 0.00 | 154    | 0.4     | 0.04 | 0.05     | 0.00 |
| Croatia                                       | 69    | 0.4     | 0.05 | 0.05     | 0.01 | 72     | 0.3     | 0.04 | 0.03     | 0.00 |
| Cyprus  | 12    | 0.4     | 0.11 | 0.04     | 0.01 | 22     | 0.6     | 0.14 | 0.09     | 0.02 |
| Czech Republic                                | 236   | 0.6     | 0.04 | 0.06     | 0.01 | 416    | 0.8     | 0.04 | 0.10     | 0.01 |
| Denmark                                       | 192   | 0.8     | 0.06 | 0.09     | 0.01 | 423    | 1.7     | 0.09 | 0.20     | 0.01 |
| Estonia                                       | 19    | 0.3     | 0.08 | 0.03     | 0.01 | 65     | 0.8     | 0.11 | 0.09     | 0.01 |

\*Important. See note on population page.

**Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent)  
rates and standard errors  
Anus (C21) (contd)**

|                                   | Male  |            |             |          |             | Female |            |             |          |             |
|-----------------------------------|-------|------------|-------------|----------|-------------|--------|------------|-------------|----------|-------------|
|                                   | Cases | ASR (W)    |             | CUM 0-74 |             | Cases  | ASR (W)    |             | CUM 0-74 |             |
| <b>Europe (contd)</b>             |       |            |             |          |             |        |            |             |          |             |
| *France, Bas-Rhin                 | 14    | <b>0.4</b> | <i>0.11</i> | 0.04     | <i>0.01</i> | 50     | <b>1.2</b> | <i>0.19</i> | 0.14     | <i>0.03</i> |
| *France, Calvados                 | 18    | <b>0.7</b> | <i>0.17</i> | 0.07     | <i>0.02</i> | 54     | <b>1.7</b> | <i>0.25</i> | 0.20     | <i>0.03</i> |
| *France, Doubs                    | 12    | <b>0.5</b> | <i>0.16</i> | 0.06     | <i>0.02</i> | 41     | <b>1.6</b> | <i>0.28</i> | 0.18     | <i>0.04</i> |
| *France, Gironde                  | 54    | <b>1.0</b> | <i>0.14</i> | 0.12     | <i>0.02</i> | 140    | <b>2.0</b> | <i>0.19</i> | 0.24     | <i>0.02</i> |
| *France, Haut-Rhin                | 21    | <b>0.7</b> | <i>0.15</i> | 0.09     | <i>0.02</i> | 44     | <b>1.2</b> | <i>0.20</i> | 0.14     | <i>0.03</i> |
| *France, Hérault                  | 54    | <b>1.4</b> | <i>0.20</i> | 0.14     | <i>0.02</i> | 120    | <b>2.3</b> | <i>0.23</i> | 0.26     | <i>0.03</i> |
| *France, Isère                    | 32    | <b>0.7</b> | <i>0.12</i> | 0.08     | <i>0.02</i> | 75     | <b>1.5</b> | <i>0.18</i> | 0.20     | <i>0.03</i> |
| *France, Lille-Métropole          | 14    | <b>0.6</b> | <i>0.16</i> | 0.08     | <i>0.03</i> | 47     | <b>1.5</b> | <i>0.24</i> | 0.16     | <i>0.03</i> |
| *France, Limousin                 | 5     | <b>0.3</b> | <i>0.17</i> | 0.04     | <i>0.02</i> | 30     | <b>1.8</b> | <i>0.37</i> | 0.22     | <i>0.05</i> |
| *France, Loire-Atlantique         | 42    | <b>0.9</b> | <i>0.15</i> | 0.10     | <i>0.02</i> | 114    | <b>1.9</b> | <i>0.20</i> | 0.23     | <i>0.03</i> |
| *France, Manche                   | 9     | <b>0.5</b> | <i>0.16</i> | 0.05     | <i>0.02</i> | 33     | <b>1.5</b> | <i>0.31</i> | 0.17     | <i>0.04</i> |
| *France, Somme                    | 19    | <b>0.9</b> | <i>0.22</i> | 0.09     | <i>0.02</i> | 32     | <b>1.2</b> | <i>0.23</i> | 0.13     | <i>0.03</i> |
| *France, Tarn                     | 8     | <b>0.4</b> | <i>0.15</i> | 0.04     | <i>0.02</i> | 33     | <b>1.6</b> | <i>0.33</i> | 0.21     | <i>0.04</i> |
| *France, Territoire de Belfort    | 2     | <b>0.2</b> | <i>0.15</i> | -        | -           | 6      | <b>1.1</b> | <i>0.49</i> | 0.12     | <i>0.05</i> |
| *France, Vendée                   | 10    | <b>0.3</b> | <i>0.11</i> | 0.04     | <i>0.02</i> | 48     | <b>1.4</b> | <i>0.23</i> | 0.17     | <i>0.03</i> |
| Germany, Bavaria                  | 390   | <b>0.7</b> | <i>0.04</i> | 0.08     | <i>0.00</i> | 751    | <b>1.2</b> | <i>0.05</i> | 0.13     | <i>0.01</i> |
| Germany, Bremen                   | 31    | <b>1.1</b> | <i>0.20</i> | 0.13     | <i>0.03</i> | 66     | <b>2.0</b> | <i>0.27</i> | 0.24     | <i>0.03</i> |
| Germany, Hamburg                  | 146   | <b>2.1</b> | <i>0.18</i> | 0.25     | <i>0.02</i> | 244    | <b>2.8</b> | <i>0.20</i> | 0.32     | <i>0.02</i> |
| Germany, Lower Saxony             | 273   | <b>0.7</b> | <i>0.05</i> | 0.08     | <i>0.01</i> | 501    | <b>1.2</b> | <i>0.06</i> | 0.13     | <i>0.01</i> |
| Germany, Munich                   | 178   | <b>0.8</b> | <i>0.07</i> | 0.10     | <i>0.01</i> | 345    | <b>1.5</b> | <i>0.09</i> | 0.17     | <i>0.01</i> |
| *Germany, North Rhine-Westphalia  | 781   | <b>1.0</b> | <i>0.04</i> | 0.11     | <i>0.00</i> | 1188   | <b>1.3</b> | <i>0.04</i> | 0.15     | <i>0.01</i> |
| Germany, Rhineland-Palatinate     | 128   | <b>0.7</b> | <i>0.07</i> | 0.08     | <i>0.01</i> | 231    | <b>1.1</b> | <i>0.08</i> | 0.12     | <i>0.01</i> |
| Germany, Saarland                 | 43    | <b>1.0</b> | <i>0.16</i> | 0.11     | <i>0.02</i> | 58     | <b>1.2</b> | <i>0.17</i> | 0.13     | <i>0.02</i> |
| *Germany, Schleswig-Holstein      | 153   | <b>1.2</b> | <i>0.10</i> | 0.14     | <i>0.01</i> | 257    | <b>1.8</b> | <i>0.13</i> | 0.21     | <i>0.01</i> |
| Iceland                           | 3     | <b>0.2</b> | <i>0.14</i> | 0.03     | <i>0.02</i> | 9      | <b>0.7</b> | <i>0.26</i> | 0.08     | <i>0.04</i> |
| Ireland                           | 99    | <b>0.6</b> | <i>0.06</i> | 0.07     | <i>0.01</i> | 138    | <b>0.8</b> | <i>0.07</i> | 0.09     | <i>0.01</i> |
| *Italy, Aosta Valley              | 6     | <b>1.0</b> | <i>0.44</i> | 0.13     | <i>0.06</i> | 7      | <b>1.2</b> | <i>0.50</i> | 0.11     | <i>0.05</i> |
| Italy, Barletta                   | 7     | <b>0.5</b> | <i>0.21</i> | 0.05     | <i>0.02</i> | 5      | <b>0.3</b> | <i>0.15</i> | 0.04     | <i>0.02</i> |
| Italy, Bergamo                    | 30    | <b>0.7</b> | <i>0.13</i> | 0.08     | <i>0.02</i> | 59     | <b>1.0</b> | <i>0.14</i> | 0.12     | <i>0.02</i> |
| Italy, Biella                     | 5     | <b>0.5</b> | <i>0.23</i> | 0.05     | <i>0.03</i> | 19     | <b>1.4</b> | <i>0.39</i> | 0.15     | <i>0.05</i> |
| Italy, Caserta                    | 12    | <b>0.5</b> | <i>0.16</i> | 0.04     | <i>0.02</i> | 9      | <b>0.4</b> | <i>0.13</i> | 0.04     | <i>0.02</i> |
| Italy, Catania, Messina, and Enna | 38    | <b>0.5</b> | <i>0.08</i> | 0.05     | <i>0.01</i> | 56     | <b>0.5</b> | <i>0.08</i> | 0.06     | <i>0.01</i> |
| Italy, Como                       | 13    | <b>0.6</b> | <i>0.18</i> | 0.05     | <i>0.02</i> | 25     | <b>1.0</b> | <i>0.23</i> | 0.12     | <i>0.03</i> |
| Italy, Cremona                    | 7     | <b>0.8</b> | <i>0.32</i> | 0.07     | <i>0.03</i> | 9      | <b>0.8</b> | <i>0.31</i> | 0.08     | <i>0.03</i> |
| Italy, Ferrara                    | 12    | <b>0.7</b> | <i>0.21</i> | 0.08     | <i>0.03</i> | 16     | <b>0.5</b> | <i>0.17</i> | 0.05     | <i>0.02</i> |
| Italy, Florence and Prato         | 29    | <b>0.8</b> | <i>0.16</i> | 0.08     | <i>0.02</i> | 57     | <b>1.3</b> | <i>0.21</i> | 0.16     | <i>0.03</i> |
| Italy, Friuli-Venezia Giulia      | 27    | <b>0.7</b> | <i>0.14</i> | 0.08     | <i>0.02</i> | 61     | <b>1.2</b> | <i>0.18</i> | 0.14     | <i>0.02</i> |
| Italy, Latina                     | 47    | <b>2.0</b> | <i>0.31</i> | 0.22     | <i>0.04</i> | 36     | <b>1.1</b> | <i>0.21</i> | 0.11     | <i>0.03</i> |
| Italy, Lecco                      | 4     | <b>0.4</b> | <i>0.23</i> | 0.05     | <i>0.03</i> | 10     | <b>0.8</b> | <i>0.26</i> | 0.10     | <i>0.04</i> |
| Italy, Lombardy, South, Pavia     | 13    | <b>0.8</b> | <i>0.24</i> | 0.10     | <i>0.03</i> | 17     | <b>1.0</b> | <i>0.28</i> | 0.12     | <i>0.03</i> |
| Italy, Mantua                     | 67    | <b>5.0</b> | <i>0.67</i> | 0.52     | <i>0.09</i> | 61     | <b>3.8</b> | <i>0.60</i> | 0.42     | <i>0.08</i> |
| Italy, Milan                      | 120   | <b>0.9</b> | <i>0.09</i> | 0.11     | <i>0.01</i> | 206    | <b>1.3</b> | <i>0.10</i> | 0.16     | <i>0.01</i> |
| Italy, Modena                     | 20    | <b>0.6</b> | <i>0.14</i> | 0.07     | <i>0.02</i> | 33     | <b>0.9</b> | <i>0.17</i> | 0.12     | <i>0.02</i> |
| Italy, Monza                      | 25    | <b>0.5</b> | <i>0.12</i> | 0.06     | <i>0.02</i> | 35     | <b>0.6</b> | <i>0.12</i> | 0.07     | <i>0.02</i> |
| Italy, Naples                     | 9     | <b>0.4</b> | <i>0.15</i> | 0.05     | <i>0.02</i> | 12     | <b>0.5</b> | <i>0.15</i> | 0.05     | <i>0.02</i> |
| Italy, Nuoro                      | 2     | <b>0.1</b> | <i>0.06</i> | -        | -           | 5      | <b>0.2</b> | <i>0.13</i> | 0.02     | <i>0.02</i> |
| Italy, Palermo                    | 33    | <b>0.6</b> | <i>0.11</i> | 0.07     | <i>0.02</i> | 44     | <b>0.6</b> | <i>0.10</i> | 0.07     | <i>0.01</i> |
| Italy, Parma                      | 15    | <b>0.9</b> | <i>0.24</i> | 0.11     | <i>0.03</i> | 36     | <b>1.4</b> | <i>0.27</i> | 0.14     | <i>0.03</i> |
| Italy, Piacenza                   | 12    | <b>0.9</b> | <i>0.30</i> | 0.09     | <i>0.04</i> | 11     | <b>0.6</b> | <i>0.23</i> | 0.09     | <i>0.04</i> |
| Italy, Ragusa and Caltanissetta   | 15    | <b>0.5</b> | <i>0.15</i> | 0.06     | <i>0.02</i> | 15     | <b>0.4</b> | <i>0.11</i> | 0.04     | <i>0.02</i> |
| Italy, Reggio Emilia              | 17    | <b>0.7</b> | <i>0.18</i> | 0.07     | <i>0.02</i> | 20     | <b>0.8</b> | <i>0.19</i> | 0.08     | <i>0.02</i> |
| Italy, Romagna                    | 47    | <b>0.8</b> | <i>0.12</i> | 0.09     | <i>0.02</i> | 80     | <b>1.2</b> | <i>0.15</i> | 0.14     | <i>0.02</i> |
| Italy, Sassari                    | 11    | <b>0.6</b> | <i>0.20</i> | 0.07     | <i>0.02</i> | 15     | <b>0.7</b> | <i>0.20</i> | 0.06     | <i>0.02</i> |
| Italy, Sondrio                    | 3     | <b>0.3</b> | <i>0.17</i> | 0.04     | <i>0.03</i> | 9      | <b>1.1</b> | <i>0.37</i> | 0.14     | <i>0.05</i> |
| Italy, South Tyrol                | 5     | <b>0.3</b> | <i>0.15</i> | 0.03     | <i>0.02</i> | 12     | <b>0.5</b> | <i>0.18</i> | 0.05     | <i>0.03</i> |
| Italy, Syracuse                   | 8     | <b>0.4</b> | <i>0.16</i> | 0.04     | <i>0.02</i> | 5      | <b>0.2</b> | <i>0.11</i> | 0.03     | <i>0.02</i> |
| Italy, Taranto                    | 10    | <b>0.5</b> | <i>0.15</i> | 0.06     | <i>0.02</i> | 22     | <b>1.0</b> | <i>0.22</i> | 0.12     | <i>0.03</i> |
| Italy, Trento                     | 8     | <b>0.4</b> | <i>0.17</i> | 0.02     | <i>0.02</i> | 10     | <b>0.4</b> | <i>0.17</i> | 0.03     | <i>0.02</i> |
| Italy, Turin                      | 110   | <b>0.9</b> | <i>0.09</i> | 0.09     | <i>0.01</i> | 117    | <b>0.8</b> | <i>0.09</i> | 0.10     | <i>0.01</i> |
| Italy, Umbria                     | 27    | <b>0.7</b> | <i>0.15</i> | 0.07     | <i>0.02</i> | 39     | <b>0.9</b> | <i>0.17</i> | 0.11     | <i>0.02</i> |
| Italy, Varese                     | 18    | <b>0.5</b> | <i>0.13</i> | 0.06     | <i>0.02</i> | 55     | <b>1.0</b> | <i>0.15</i> | 0.12     | <i>0.02</i> |
| Italy, Veneto                     | 40    | <b>0.5</b> | <i>0.09</i> | 0.07     | <i>0.01</i> | 64     | <b>0.7</b> | <i>0.10</i> | 0.08     | <i>0.01</i> |
| Latvia                            | 14    | <b>0.3</b> | <i>0.08</i> | 0.03     | <i>0.01</i> | 53     | <b>0.7</b> | <i>0.11</i> | 0.07     | <i>0.01</i> |
| Lithuania                         | 35    | <b>0.3</b> | <i>0.05</i> | 0.04     | <i>0.01</i> | 65     | <b>0.4</b> | <i>0.05</i> | 0.04     | <i>0.01</i> |
| Malta                             | 18    | <b>1.1</b> | <i>0.25</i> | 0.14     | <i>0.04</i> | 7      | <b>0.4</b> | <i>0.15</i> | 0.04     | <i>0.02</i> |
| *The Netherlands                  | 409   | <b>0.6</b> | <i>0.03</i> | 0.07     | <i>0.00</i> | 497    | <b>0.7</b> | <i>0.03</i> | 0.08     | <i>0.00</i> |
| Norway                            | 118   | <b>0.6</b> | <i>0.06</i> | 0.07     | <i>0.01</i> | 226    | <b>1.0</b> | <i>0.07</i> | 0.12     | <i>0.01</i> |
| Poland, Greater Poland            | 23    | <b>0.2</b> | <i>0.04</i> | 0.02     | <i>0.01</i> | 59     | <b>0.4</b> | <i>0.06</i> | 0.05     | <i>0.01</i> |
| Poland, Kielce                    | 12    | <b>0.2</b> | <i>0.06</i> | 0.02     | <i>0.01</i> | 20     | <b>0.3</b> | <i>0.08</i> | 0.04     | <i>0.01</i> |
| Poland, Lower Silesia             | 32    | <b>0.3</b> | <i>0.06</i> | 0.03     | <i>0.01</i> | 85     | <b>0.5</b> | <i>0.07</i> | 0.06     | <i>0.01</i> |
| *Poland, Lublin                   | 26    | <b>0.3</b> | <i>0.06</i> | 0.03     | <i>0.01</i> | 36     | <b>0.3</b> | <i>0.06</i> | 0.04     | <i>0.01</i> |
| Poland, Podkarpackie              | 25    | <b>0.4</b> | <i>0.07</i> | 0.04     | <i>0.01</i> | 37     | <b>0.3</b> | <i>0.06</i> | 0.04     | <i>0.01</i> |
| Portugal, Azores                  | 3     | <b>0.4</b> | <i>0.23</i> | 0.04     | <i>0.03</i> | 4      | <b>0.5</b> | <i>0.25</i> | 0.06     | <i>0.04</i> |
| Russian Federation, Arkhangelsk   | 8     | <b>0.2</b> | <i>0.08</i> | 0.03     | <i>0.01</i> | 18     | <b>0.3</b> | <i>0.08</i> | 0.04     | <i>0.01</i> |
| Russian Federation, Chelyabinsk   | 45    | <b>0.4</b> | <i>0.06</i> | 0.05     | <i>0.01</i> | 92     | <b>0.6</b> | <i>0.06</i> | 0.07     | <i>0.01</i> |
| *Russian Federation, Karelia      | 2     | <b>0.1</b> | <i>0.07</i> | 0.01     | <i>0.01</i> | 9      | <b>0.2</b> | <i>0.09</i> | 0.03     | <i>0.01</i> |
| Russian Federation, Samara        | 42    | <b>0.4</b> | <i>0.07</i> | 0.05     | <i>0.01</i> | 70     | <b>0.5</b> | <i>0.06</i> | 0.05     | <i>0.01</i> |
| Slovakia                          | 65    | <b>0.6</b> | <i>0.08</i> | 0.07     | <i>0.01</i> | 72     | <b>0.5</b> | <i>0.06</i> | 0.06     | <i>0.01</i> |
| Slovenia                          | 26    | <b>0.3</b> | <i>0.06</i> | 0.04     | <i>0.01</i> | 45     | <b>0.4</b> | <i>0.06</i> | 0.04     | <i>0.01</i> |

\*Important. See note on population page.



**Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors**  
**Anus (C21) (contd)**

|   | Male  |            |      |          |      | Female |            |      |          |      |
|---|-------|------------|------|----------|------|--------|------------|------|----------|------|
|   | Cases | ASR (W)    |      | CUM 0-74 |      | Cases  | ASR (W)    |      | CUM 0-74 |      |
| <b>Europe (contd)</b>                         |       |            |      |          |      |        |            |      |          |      |
| Spain, Albacete                               | 4     | <b>0.4</b> | 0.23 | 0.05     | 0.03 | 5      | <b>0.5</b> | 0.24 | 0.05     | 0.03 |
| Spain, Asturias                               | 19    | <b>0.7</b> | 0.17 | 0.08     | 0.02 | 23     | <b>0.6</b> | 0.15 | 0.07     | 0.02 |
| Spain, Basque Country                         | 52    | <b>0.5</b> | 0.07 | 0.05     | 0.01 | 53     | <b>0.4</b> | 0.07 | 0.05     | 0.01 |
| Spain, Canary Islands                         | 51    | <b>0.9</b> | 0.13 | 0.09     | 0.02 | 31     | <b>0.5</b> | 0.10 | 0.07     | 0.01 |
| Spain, Castellón                              | 10    | <b>0.5</b> | 0.15 | 0.06     | 0.02 | 13     | <b>0.5</b> | 0.16 | 0.06     | 0.02 |
| Spain, Ciudad Real                            | 5     | <b>0.2</b> | 0.11 | 0.03     | 0.02 | 7      | <b>0.3</b> | 0.14 | 0.02     | 0.01 |
| Spain, Cuenca                                 | 5     | <b>0.5</b> | 0.26 | 0.07     | 0.04 | 3      | <b>0.2</b> | 0.20 | 0.02     | 0.02 |
| Spain, Girona                                 | 15    | <b>0.5</b> | 0.14 | 0.05     | 0.02 | 12     | <b>0.4</b> | 0.12 | 0.04     | 0.01 |
| Spain, Granada                                | 15    | <b>0.4</b> | 0.11 | 0.04     | 0.01 | 9      | <b>0.1</b> | 0.05 | 0.01     | 0.01 |
| Spain, La Rioja                               | 3     | <b>0.3</b> | 0.15 | 0.04     | 0.02 | 1      | <b>0.0</b> | 0.02 | -        | -    |
| Spain, Mallorca                               | 24    | <b>1.0</b> | 0.21 | 0.13     | 0.03 | 18     | <b>0.6</b> | 0.15 | 0.08     | 0.02 |
| Spain, Murcia                                 | 8     | <b>0.2</b> | 0.08 | 0.03     | 0.01 | 6      | <b>0.1</b> | 0.07 | 0.01     | 0.01 |
| Spain, Navarra                                | 6     | <b>0.3</b> | 0.14 | 0.02     | 0.01 | 7      | <b>0.4</b> | 0.18 | 0.07     | 0.03 |
| Spain, Tarragona                              | 35    | <b>1.0</b> | 0.18 | 0.12     | 0.03 | 30     | <b>0.8</b> | 0.17 | 0.08     | 0.02 |
| Switzerland, Fribourg                         | 8     | <b>0.8</b> | 0.27 | 0.09     | 0.04 | 20     | <b>1.6</b> | 0.39 | 0.19     | 0.05 |
| Switzerland, Geneva                           | 22    | <b>1.2</b> | 0.26 | 0.12     | 0.03 | 64     | <b>3.2</b> | 0.42 | 0.38     | 0.06 |
| Switzerland, Graubünden and Glarus            | 6     | <b>0.6</b> | 0.25 | 0.08     | 0.04 | 16     | <b>1.4</b> | 0.38 | 0.20     | 0.06 |
| Switzerland, Neuchâtel                        | 10    | <b>1.3</b> | 0.44 | 0.19     | 0.07 | 19     | <b>1.9</b> | 0.50 | 0.19     | 0.06 |
| Switzerland, St Gall-Appenzell                | 13    | <b>0.6</b> | 0.17 | 0.06     | 0.02 | 35     | <b>1.3</b> | 0.24 | 0.14     | 0.03 |
| Switzerland, Ticino                           | 12    | <b>0.7</b> | 0.23 | 0.08     | 0.03 | 33     | <b>1.8</b> | 0.35 | 0.21     | 0.04 |
| Switzerland, Valais                           | 3     | <b>0.2</b> | 0.11 | 0.01     | 0.01 | 23     | <b>1.6</b> | 0.35 | 0.22     | 0.05 |
| Switzerland, Vaud                             | 33    | <b>1.1</b> | 0.20 | 0.13     | 0.03 | 86     | <b>2.4</b> | 0.29 | 0.28     | 0.04 |
| Switzerland, Zurich                           | 65    | <b>1.2</b> | 0.15 | 0.13     | 0.02 | 105    | <b>1.7</b> | 0.17 | 0.21     | 0.02 |
| Ukraine                                       | 493   | <b>0.3</b> | 0.01 | 0.04     | 0.00 | 811    | <b>0.3</b> | 0.01 | 0.04     | 0.00 |
| UK  | 2095  | <b>0.8</b> | 0.02 | 0.10     | 0.00 | 3598   | <b>1.3</b> | 0.02 | 0.15     | 0.00 |
| UK, England                                   | 1758  | <b>0.8</b> | 0.02 | 0.10     | 0.00 | 2982   | <b>1.2</b> | 0.02 | 0.15     | 0.00 |
| UK, England, East                             | 210   | <b>0.8</b> | 0.06 | 0.09     | 0.01 | 350    | <b>1.2</b> | 0.07 | 0.15     | 0.01 |
| UK, England, East Midlands                    | 152   | <b>0.7</b> | 0.06 | 0.09     | 0.01 | 231    | <b>1.1</b> | 0.08 | 0.13     | 0.01 |
| UK, England, London                           | 225   | <b>0.9</b> | 0.06 | 0.11     | 0.01 | 333    | <b>1.2</b> | 0.07 | 0.15     | 0.01 |
| UK, England, North East                       | 74    | <b>0.7</b> | 0.08 | 0.09     | 0.01 | 164    | <b>1.4</b> | 0.12 | 0.16     | 0.01 |
| UK, England, North West                       | 234   | <b>0.8</b> | 0.06 | 0.10     | 0.01 | 399    | <b>1.2</b> | 0.07 | 0.14     | 0.01 |
| UK, England, South West                       | 198   | <b>0.8</b> | 0.06 | 0.09     | 0.01 | 365    | <b>1.3</b> | 0.08 | 0.15     | 0.01 |
| UK, England, South East                       | 283   | <b>0.8</b> | 0.05 | 0.09     | 0.01 | 512    | <b>1.3</b> | 0.06 | 0.16     | 0.01 |
| UK, England, West Midlands                    | 155   | <b>0.7</b> | 0.06 | 0.07     | 0.01 | 279    | <b>1.1</b> | 0.07 | 0.13     | 0.01 |
| UK, England, Yorkshire and The Humber         | 227   | <b>1.0</b> | 0.07 | 0.12     | 0.01 | 349    | <b>1.4</b> | 0.08 | 0.17     | 0.01 |
| UK, Northern Ireland                          | 45    | <b>0.7</b> | 0.10 | 0.07     | 0.01 | 92     | <b>1.2</b> | 0.14 | 0.14     | 0.02 |
| UK, Scotland                                  | 176   | <b>0.8</b> | 0.06 | 0.09     | 0.01 | 337    | <b>1.4</b> | 0.08 | 0.16     | 0.01 |
| UK, Wales                                     | 116   | <b>0.9</b> | 0.08 | 0.11     | 0.01 | 187    | <b>1.3</b> | 0.10 | 0.15     | 0.01 |
| <b>Oceania</b>                                |       |            |      |          |      |        |            |      |          |      |
| Australia                                     | 751   | <b>0.9</b> | 0.03 | 0.10     | 0.00 | 1106   | <b>1.2</b> | 0.04 | 0.14     | 0.01 |
| Australia, Australian Capital Territory       | 11    | <b>0.9</b> | 0.29 | 0.10     | 0.04 | 9      | <b>0.7</b> | 0.24 | 0.09     | 0.03 |
| Australia, New South Wales                    | 259   | <b>1.0</b> | 0.06 | 0.10     | 0.01 | 351    | <b>1.2</b> | 0.07 | 0.13     | 0.01 |
| Australia, Northern Territory                 | 7     | <b>0.9</b> | 0.35 | 0.10     | 0.04 | 6      | <b>1.0</b> | 0.40 | 0.10     | 0.05 |
| Australia, Northern Territory: Non-Indigenous | 7     | <b>1.1</b> | 0.42 | 0.12     | 0.05 | 5      | <b>1.0</b> | 0.43 | 0.08     | 0.04 |
| Australia, Northern Territory: Indigenous     | 0     | -          | -    | -        | -    | 1      | <b>1.3</b> | 1.30 | 0.22     | 0.22 |
| Australia, Queensland                         | 149   | <b>0.9</b> | 0.08 | 0.11     | 0.01 | 235    | <b>1.4</b> | 0.09 | 0.16     | 0.01 |
| Australia, South Australia                    | 66    | <b>1.0</b> | 0.13 | 0.10     | 0.02 | 71     | <b>1.0</b> | 0.12 | 0.12     | 0.02 |
| Australia, Tasmania                           | 19    | <b>1.0</b> | 0.23 | 0.12     | 0.03 | 35     | <b>1.7</b> | 0.31 | 0.20     | 0.04 |
| Australia, Victoria                           | 191   | <b>0.9</b> | 0.07 | 0.11     | 0.01 | 295    | <b>1.3</b> | 0.08 | 0.15     | 0.01 |
| Australia, Western Australia                  | 49    | <b>0.6</b> | 0.08 | 0.08     | 0.01 | 104    | <b>1.2</b> | 0.12 | 0.14     | 0.02 |
| *France, New Caledonia                        | 0     | -          | -    | -        | -    | 6      | <b>1.2</b> | 0.48 | 0.15     | 0.07 |
| New Zealand                                   | 103   | <b>0.6</b> | 0.06 | 0.07     | 0.01 | 187    | <b>1.1</b> | 0.08 | 0.13     | 0.01 |
| *New Zealand: Maori                           | 10    | <b>0.8</b> | 0.27 | 0.11     | 0.04 | 21     | <b>1.5</b> | 0.33 | 0.12     | 0.03 |
| *New Zealand: Pacific Islander                | 4     | <b>0.8</b> | 0.39 | 0.10     | 0.06 | 5      | <b>1.0</b> | 0.44 | 0.19     | 0.09 |
| USA, Hawaii                                   | 34    | <b>0.7</b> | 0.12 | 0.08     | 0.01 | 53     | <b>0.9</b> | 0.13 | 0.11     | 0.02 |
| *USA, Hawaii: White                           | 22    | <b>1.4</b> | 0.30 | 0.18     | 0.04 | 35     | <b>2.5</b> | 0.44 | 0.29     | 0.06 |
| *USA, Hawaii: Japanese                        | 4     | <b>0.2</b> | 0.12 | 0.02     | 0.01 | 4      | <b>0.3</b> | 0.20 | 0.04     | 0.02 |
| *USA, Hawaii: Chinese                         | 0     | -          | -    | -        | -    | 2      | <b>0.3</b> | 0.23 | 0.03     | 0.03 |
| *USA, Hawaii: Hawaiian                        | 5     | <b>0.7</b> | 0.29 | 0.06     | 0.03 | 5      | <b>0.6</b> | 0.27 | 0.06     | 0.03 |
| *USA, Hawaii: Filipino                        | 1     | <b>0.1</b> | 0.13 | 0.01     | 0.01 | 3      | <b>0.2</b> | 0.14 | 0.01     | 0.01 |
| *USA, Pacific Islands                         | 3     | <b>0.4</b> | 0.22 | 0.02     | 0.01 | 3      | <b>0.5</b> | 0.27 | 0.06     | 0.04 |

\*Important. See note on population page.