**Supplementary table 1** Average annual population, cases, proportion of total cases, age-standardized incidence rate (ASR) and male to female rate ratio (M:F) by population and esophageal cancer subtype 2003-2012.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   | **Adenocarcinoma** | **Squamous cell carcinoma** | **Other specified** | **Unspecified** |
| **Population** | **Year from** | **Year to** | **N. Years** | **Population (millions)** | **Cases** | **Proportion of total cases (%)** | **ASR** | **M:F** | **Cases** | **Proportion of total cases (%)** | **ASR** | **M:F** | **Cases** | **Proportion of total cases (%)** | **ASR** | **M:F** | **Cases** | **Proportion of total cases (%)** | **ASR** | **M:F** |
| North America |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Canada\* | 1983 | 2012 | 30 | 25.3 | 705 | 55% | 1.7 | 7.0 | 418 | 33% | 0.9 | 2.0 | 89 | 7% | 0.2 | 3.3 | 61 | 5% | 0.1 | 2.5 |
| US black\* | 1978 | 2012 | 35 | 3.6 | 17 | 11% | 0.4 | 4.3 | 100 | 65% | 2.6 | 2.7 | 27 | 18% | 0.7 | 1.7 | 9 | 6% | 0.2 | 2.5 |
| US white\* | 1978 | 2012 | 35 | 21.1 | 739 | 54% | 2.1 | 7.9 | 280 | 21% | 0.8 | 2.0 | 252 | 18% | 0.7 | 3.8 | 92 | 7% | 0.2 | 2.9 |
| Eastern Asia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| China\* | 1998 | 2012 | 15 | 9.0 | 35 | 4% | 0.2 | 4.0 | 497 | 59% | 3.0 | 5.4 | 14 | 2% | 0.1 | 4.2 | 295 | 35% | 1.5 | 3.7 |
| Japan\* | 1988 | 2010 | 23 | 12.7 | 71 | 4% | 0.3 | 8.7 | 1537 | 78% | 5.6 | 6.3 | 71 | 4% | 0.2 | 4.8 | 299 | 15% | 0.9 | 6.2 |
| Republic of Korea\* | 1998 | 2012 | 15 | 17.8 | 22 | 3% | 0.1 | 6.1 | 547 | 86% | 2.5 | 15.4 | 21 | 3% | 0.1 | 7.4 | 49 | 8% | 0.2 | 6.8 |
| South-Central and Western Asia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| India\* | 1983 | 2012 | 30 | 4.6 | 14 | 6% | 0.3 | 2.4 | 153 | 65% | 3.6 | 1.6 | 15 | 7% | 0.4 | 1.4 | 54 | 23% | 1.3 | 1.6 |
| Turkey | 1998 | 2012 | 15 | 5.6 | 18 | 17% | 0.3 | 4.1 | 69 | 66% | 1.1 | 1.3 | 6 | 6% | 0.1 | 2.6 | 11 | 11% | 0.2 | 1.3 |
| Central and Eastern Europe |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Czechia | 1988 | 2012 | 25 | 10.4 | 181 | 33% | 1.0 | 9.1 | 275 | 50% | 1.6 | 5.7 | 34 | 6% | 0.2 | 6.3 | 54 | 10% | 0.3 | 4.6 |
| Slovakia | 1971 | 2010 | 40 | 5.4 | 33 | 11% | 0.4 | 7.9 | 221 | 77% | 3.0 | 13.2 | 10 | 4% | 0.1 | 12.2 | 24 | 8% | 0.3 | 6.6 |
| Northern Europe |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Denmark | 1953 | 2012 | 60 | 5.5 | 201 | 46% | 1.8 | 5.2 | 192 | 44% | 1.9 | 2.1 | 30 | 7% | 0.3 | 3.0 | 16 | 4% | 0.1 | 2.9 |
| Ireland | 1994 | 2012 | 19 | 4.4 | 175 | 48% | 2.7 | 4.9 | 147 | 40% | 2.3 | 1.2 | 22 | 6% | 0.3 | 2.2 | 20 | 5% | 0.2 | 1.8 |
| Lithuania | 1993 | 2012 | 20 | 3.3 | 17 | 9% | 0.3 | 7.7 | 109 | 59% | 2.1 | 12.5 | 5 | 3% | 0.1 | 9.8 | 54 | 29% | 1.0 | 6.9 |
| Norway | 1953 | 2012 | 60 | 4.8 | 110 | 52% | 1.3 | 5.5 | 80 | 37% | 0.9 | 2.3 | 15 | 7% | 0.2 | 2.8 | 8 | 4% | 0.1 | 2.5 |
| UK - England\* | 1995 | 2012 | 18 | 51.6 | 3734 | 56% | 3.6 | 5.2 | 1978 | 30% | 1.9 | 1.1 | 769 | 12% | 0.6 | 2.2 | 190 | 3% | 0.1 | 2.0 |
| UK - Northern Ireland | 1993 | 2012 | 20 | 1.8 | 97 | 54% | 3.3 | 4.5 | 54 | 30% | 1.7 | 1.3 | 13 | 7% | 0.4 | 2.4 | 15 | 9% | 0.4 | 3.2 |
| UK - Scotland | 1978 | 2012 | 35 | 5.2 | 452 | 53% | 4.2 | 4.7 | 302 | 36% | 2.8 | 1.3 | 64 | 7% | 0.5 | 2.0 | 30 | 4% | 0.2 | 2.3 |
| Southern Europe |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Croatia | 1988 | 2012 | 25 | 4.4 | 26 | 12% | 0.3 | 9.2 | 112 | 51% | 1.5 | 9.0 | 17 | 8% | 0.2 | 7.1 | 66 | 30% | 0.7 | 5.0 |
| Italy\* | 1991 | 2010 | 20 | 4.9 | 53 | 22% | 0.5 | 7.3 | 142 | 60% | 1.4 | 4.0 | 14 | 6% | 0.1 | 3.5 | 28 | 12% | 0.2 | 3.0 |
| Slovenia | 1983 | 2012 | 30 | 2.0 | 14 | 16% | 0.4 | 10.7 | 61 | 70% | 1.7 | 6.4 | 6 | 6% | 0.2 | 3.3 | 7 | 8% | 0.1 | 5.3 |
| Spain\* | 1993 | 2010 | 18 | 8.6 | 106 | 24% | 0.7 | 8.4 | 273 | 63% | 2.1 | 7.4 | 24 | 6% | 0.2 | 8.9 | 29 | 7% | 0.2 | 4.8 |
| Western Europe |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Austria | 1998 | 2012 | 15 | 8.3 | 118 | 30% | 0.8 | 7.2 | 178 | 45% | 1.3 | 4.7 | 43 | 11% | 0.3 | 6.1 | 55 | 14% | 0.3 | 4.2 |
| France (Metropolitan)\* | 1988 | 2011 | 24 | 5.8 | 114 | 26% | 1.0 | 8.1 | 284 | 65% | 3.0 | 5.2 | 24 | 6% | 0.2 | 5.2 | 13 | 3% | 0.1 | 5.0 |
| Germany\* | 1998 | 2012 | 15 | 2.8 | 85 | 34% | 1.5 | 6.1 | 117 | 47% | 2.2 | 3.2 | 41 | 17% | 0.7 | 3.3 | 4 | 2% | 0.1 | 8.1 |
| Switzerland\* | 1988 | 2012 | 25 | 1.8 | 48 | 35% | 1.4 | 7.4 | 78 | 57% | 2.5 | 2.7 | 7 | 5% | 0.2 | 5.3 | 5 | 4% | 0.1 | 4.1 |
| The Netherlands | 1989 | 2012 | 24 | 16.5 | 1097 | 62% | 3.6 | 5.6 | 558 | 31% | 1.9 | 1.7 | 97 | 5% | 0.3 | 2.6 | 24 | 1% | 0.1 | 2.5 |
| Oceania |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Australia\* | 1983 | 2012 | 30 | 16.8 | 514 | 50% | 1.8 | 6.6 | 395 | 38% | 1.3 | 1.5 | 73 | 7% | 0.2 | 2.5 | 53 | 5% | 0.1 | 1.9 |
| New Zealand | 1983 | 2012 | 30 | 4.2 | 137 | 51% | 1.9 | 6.3 | 91 | 34% | 1.2 | 1.1 | 16 | 6% | 0.2 | 1.8 | 27 | 10% | 0.3 | 3.0 |
| \* Country-level aggregates compiled from the following regional registries: Canada - Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland and Labrador, Northwest Territories, Nova Scotia, Ontario, Prince Edward Island, Saskatchewan; US - Georgia, Greater California, Idaho, Kentucky, Louisiana, Massachusetts, New York, Utah, Wisconsin (SEER-9); China - Harbin, Jiashan, Shanghai, Zhongshan; Japan - Miyagi, Nagasaki, Osaka; Republic of Korea - Busan, Gwangju, Incheon, Seoul; India - Chennai; UK - England - East Midlands, East of England, London, North East, North West, South East, South West, West Midlands, Yorkshire; Italy - Modena, Parma, Ragusa, Romagna, Veneto; Spain - Albacete, Basque Country, Canary-Islands, Cuenca, Girona, Granada, Murcia, Navarra, Tarragona; France - Bas-Rhin, Calvados, Doubs, Haut-Rhin, Herault, Isere, Somme; Germany - Hamburg, Saarland; Switzerland - Geneva, Neuchatel, St Gall-Appenzell, Vaud; Australia - New South Wales Australian Capital Territory, South Australia, Tasmania, Victoria, Western Australia |
| US, United States of America; UK, United Kingdom; ASR, Age-standardised rate; M:F, Male to Female ratio of ASR |