

Annex Table 1. Age-standardised incidence rates (ASR) per 100,000 person-years and estimated number of cases (N) of oesophageal adenocarcinoma (AC) and squamous cell carcinoma (SCC) by region, HDI category and sex in 2012

	Males						Females						Both sexes					
	AC			SCC			AC			SCC			AC			SCC		
	ASR	N	% of total	ASR	N	% of total	ASR	N	% of total	ASR	N	% of total	ASR	N	% of total	ASR	N	% of total
Sub-Saharan Africa	0.4	816	2.0	6.4	13279	4.8	0.2	561	4.9	4.0	9582	8.0	0.3	1377	2.6	5.1	22861	5.7
Northern Africa & Western Asia	0.7	1155	2.8	1.9	3087	1.1	0.2	396	3.4	1.6	2832	2.4	0.5	1551	3.0	1.7	5919	1.5
Central Asia	0.6	4055	9.9	5.9	41052	14.8	0.2	1667	14.5	3.6	26739	22.3	0.4	5722	10.9	4.7	67792	17.0
Eastern/South-East Asia	0.6	8558	20.9	13.6	181178	65.2	0.2	2959	25.7	4.3	66029	55.1	0.4	11517	21.9	8.8	247206	62.2
Central and Southern America & Caribbean	1.2	3376	8.2	4.3	12004	4.3	0.4	1240	10.8	1.3	4409	3.7	0.7	4616	8.8	2.7	16413	4.1
Northern America	3.5	9683	23.6	1.7	4796	1.7	0.4	1467	12.8	0.7	2359	2.0	1.9	11151	21.2	1.2	7155	1.8
Eastern Europe	0.8	1669	4.1	4.7	9252	3.3	0.1	491	4.3	0.6	2061	1.7	0.4	2161	4.1	2.3	11313	2.8
Northern and Western Europe	3.4	9639	23.5	3.7	9555	3.4	0.6	2313	20.1	1.3	4561	3.8	1.9	11952	22.8	2.5	14117	3.5
Southern Europe	0.8	1227	3.0	2.4	3234	1.2	0.1	250	2.2	0.4	849	0.7	0.4	1478	2.8	1.3	4084	1.0
Oceania	3.1	819	2.0	2.0	506	0.2	0.5	154	1.3	1.2	381	0.3	1.7	973	1.9	1.6	887	0.2
Low HDI	0.6	2272	5.5	6.9	24622	8.9	0.3	1108	9.6	4.6	17920	15.0	0.5	3380	6.4	5.7	42543	10.7
Medium HDI	0.6	10443	25.5	11.0	188443	67.8	0.2	3775	32.8	4.2	79071	66.0	0.4	14218	27.1	7.5	267514	67.3
High HDI	1.0	5089	12.4	4.5	23481	8.4	0.3	1930	16.8	1.5	10160	8.5	0.6	7019	13.4	2.8	33640	8.5
Very high HDI	2.3	23196	56.6	4.2	41398	14.9	0.3	4685	40.7	1.0	12652	10.6	1.3	27880	53.1	2.5	54050	13.6
World	1.1	40999	100.0	7.7	277944	100.0	0.3	11498	100.0	2.8	119803	100.0	0.7	52497	100.0	5.2	397747	100.0

Annex Table 2. Age-standardised incidence rates (ASR) per 100,000 person-years and estimated number of cases (N) of oesophageal adenocarcinoma (AC) and squamous cell carcinoma (SCC) by country and sex in 2012^a

	Males				Females			
	AC		SCC		AC		SCC	
	ASR	N	ASR	N	ASR	N	ASR	N
<i>Sub-Saharan Africa</i>								
Angola*	0.3	12	5.9	238	0.2	7	3.3	155
Benin*	0.1	1	1.3	31	0.0	0	0.3	7
Botswana*	0.8	5	14.4	86	0.2	2	4.0	30
Burkina Faso*	0.1	3	2.0	51	0.0	2	1.2	58
Burundi*	1.0	17	17.8	343	0.4	9	7.8	198
Cameroon*	0.1	3	1.4	77	0.0	1	0.6	40
Cape Verde*	0.0	0	0.3	1	0.0	0	0.0	0
Central African Republic*	0.2	2	2.7	32	0.1	1	1.7	26
Chad*	0.1	3	2.0	54	0.1	2	1.4	44
Comoros*	0.7	1	11.8	21	0.3	1	6.6	13
Congo, Democratic Republic of*	0.3	37	5.1	697	0.1	17	2.2	370
Congo, Republic of*	0.1	1	1.4	14	0.0	0	0.2	3
Cote d'Ivoire*	0.1	6	1.5	93	0.0	1	0.4	25
Djibouti*	0.2	0	3.6	9	0.2	0	3.8	11
Equatorial Guinea*	0.1	0	2.1	7	0.0	0	0.3	1
Eritrea*	0.2	2	3.8	39	0.2	3	4.5	66
Ethiopia*	0.1	21	1.9	466	0.2	46	4.4	1077
France, La Reunion*	0.4	2	7.8	36	0.0	0	0.4	3
Gabon*	0.1	1	2.9	15	0.1	0	1.5	9
Ghana*	0.0	3	0.8	68	0.0	1	0.2	17
Guinea*	0.1	1	0.8	19	0.0	0	0.1	4
Guinea-Bissau*	0.0	0	0.8	3	0.0	0	0.0	0
Kenya*	1.1	92	19.3	1767	0.7	67	14.3	1481
Lesotho*	1.1	6	19.8	101	0.5	4	10.6	81
Liberia*	0.1	1	1.1	9	0.0	0	0.2	3
Madagascar*	0.6	30	10.6	593	0.2	12	4.3	267
Malawi*	1.4	51	26.5	1015	0.9	38	19.8	851
Mali*	0.1	2	1.4	51	0.0	1	0.4	20
Mauritania*	0.1	0	1.1	10	0.0	0	0.1	1
Mauritius*	0.3	2	4.2	28	0.1	1	2.1	19
Mozambique*	0.6	35	11.8	685	0.3	23	6.7	493
Namibia*	0.1	1	2.2	13	0.0	0	0.5	4
Niger*	0.1	2	1.1	48	0.0	0	0.2	7
Nigeria*	0.0	7	0.3	137	0.0	7	0.3	133
Rwanda*	0.5	11	8.8	208	0.2	5	4.2	119
Senegal*	0.1	2	1.1	32	0.0	0	0.3	12
Sierra Leone*	0.1	1	1.2	12	0.0	0	0.3	3
Somalia*	0.6	12	10.6	238	0.4	10	9.3	233
South African Republic	1.0	163	12.9	2121	0.7	162	6.2	1425
South Sudan*	0.6	16	11.0	298	0.3	10	7.0	210
Swaziland*	0.5	1	9.1	25	0.1	0	2.9	10
Tanzania*	0.7	70	12.2	1288	0.3	36	5.8	763
The Gambia*	0.1	0	1.0	5	0.0	0	0.0	0
Togo*	0.2	4	3.8	61	0.1	2	1.9	37
Uganda*	1.3	79	23.3	1518	0.5	36	9.8	726
Zambia*	0.6	17	10.4	311	0.3	11	7.1	240

	Males				Females			
	AC		SCC		AC		SCC	
	ASR	N	ASR	N	ASR	N	ASR	N
Zimbabwe	2.6	90	9.0	306	0.9	40	7.1	289
Northern Africa & Western Asia								
Algeria*	0.3	38	0.6	84	0.0	6	0.3	39
Armenia*	0.7	12	1.5	26	0.1	3	0.5	18
Azerbaijan*	1.9	78	4.2	171	0.5	26	2.8	160
Bahrain	1.5	4	0.7	3	0.3	1	1.0	2
Egypt	0.5	164	2.3	736	0.3	102	1.2	439
Gaza Strip and West Bank*	0.7	7	1.6	15	0.1	1	0.7	7
Georgia*	0.3	10	0.7	22	0.0	2	0.3	13
Iraq*	0.4	30	1.0	67	0.1	12	0.8	78
Israel	0.9	47	0.7	37	0.2	14	0.6	40
Jordan*	0.4	7	0.8	15	0.1	2	0.5	9
Kuwait*	0.2	2	0.5	5	0.1	1	0.8	3
Lebanon*	0.3	6	0.6	13	0.1	2	0.5	13
Libya*	0.5	10	1.1	23	0.0	1	0.2	7
Morocco*	0.5	66	1.1	145	0.1	17	0.7	104
Oman*	0.6	4	1.2	9	0.2	1	1.0	6
Qatar*	0.6	3	1.2	6	0.4	1	2.5	3
Saudi Arabia	0.4	39	1.0	82	0.2	11	1.3	93
Sudan*	1.8	169	4.0	373	0.6	66	4.1	434
Syrian Arab Republic*	0.4	26	0.9	58	0.1	7	0.7	45
Tunisia*	0.2	9	0.4	20	0.1	4	0.4	24
Turkey	1.1	352	3.1	1022	0.2	82	2.8	1059
United Arab Emirates*	0.5	7	1.2	16	0.4	2	2.2	14
Western Sahara*	0.1	0	0.3	1	0.0	0	0.0	0
Yemen*	1.4	63	3.0	137	0.6	34	3.8	223
Central Asia								
Afghanistan*	1.3	84	10.5	712	0.5	33	7.0	490
Bangladesh*	1.7	901	14.1	7619	0.6	339	8.9	4987
Bhutan*	0.7	2	5.8	17	0.3	1	4.5	12
India	0.4	2174	4.9	24855	0.1	680	2.6	13884
Iran, Islamic Republic of	0.9	272	8.2	2626	0.9	253	7.2	2192
Kazakhstan*	1.7	103	14.0	856	0.5	51	6.2	666
Kyrgyzstan*	0.7	11	6.1	96	0.2	5	3.2	73
Maldives*	0.6	1	5.3	6	0.2	0	2.4	3
Nepal*	0.4	35	3.2	292	0.1	12	1.5	164
Pakistan*	0.4	257	3.5	2180	0.3	169	4.1	2541
Sri Lanka*	0.6	71	5.0	592	0.4	50	5.1	688
Tajikistan*	2.1	36	17.5	304	0.7	15	10.0	212
Turkmenistan*	2.6	40	21.3	341	1.1	22	15.2	312
Uzbekistan*	0.8	67	6.4	557	0.3	36	4.7	515
Eastern/South-East Asia								
Brunei*	0.0	0	0.4	1	0.1	0	1.1	1
Cambodia*	0.2	7	3.9	152	0.1	3	1.2	72
China	0.8	7009	17.5	151146	0.3	2489	6.3	59639
Indonesia*	0.1	67	1.4	1427	0.0	33	0.6	637
Japan	0.4	633	10.5	15640	0.1	164	1.6	2897
Korea, Democratic Republic of*	0.4	54	9.0	1157	0.1	21	1.8	366
Korea, Republic of	0.2	78	5.7	1925	0.0	21	0.4	166
Lao PDR*	0.0	1	0.9	16	0.0	0	0.3	8

	Males				Females			
	AC		SCC		AC		SCC	
	ASR	N	ASR	N	ASR	N	ASR	N
Malaysia	1.0	121	1.5	177	0.5	62	1.0	123
Mongolia*	1.0	8	19.9	156	0.8	8	13.9	140
Myanmar*	0.5	99	10.8	2312	0.2	42	3.9	943
Philippines	0.6	154	1.2	345	0.1	50	0.4	143
Singapore	0.3	12	2.5	92	0.1	3	0.5	26
Thailand	0.3	114	4.1	1743	0.1	39	0.8	391
Timor-Leste*	0.1	0	2.4	8	0.1	0	0.8	2
Central + Southern America & Caribbean								
Argentina	2.0	473	4.2	1020	0.4	163	1.7	603
Bahamas*	0.6	1	2.1	4	0.1	0	0.4	1
Barbados*	0.8	2	2.5	5	0.2	1	0.5	2
Belize*	0.9	1	3.2	3	0.3	0	1.2	2
Bolivia*	0.3	10	1.0	33	0.1	3	0.3	11
Brazil	2.0	1873	8.1	7804	0.6	706	2.1	2469
Chile	0.7	78	4.1	441	0.3	39	1.5	230
Colombia	1.1	216	1.9	357	0.2	53	0.9	220
Costa Rica	0.8	18	1.2	28	0.2	4	0.4	13
Cuba*	1.7	147	6.0	510	0.4	39	1.3	132
Dominican Republic*	0.4	19	1.3	63	0.3	12	0.9	40
Ecuador	0.3	23	1.1	78	0.2	16	0.3	24
El Salvador*	0.5	15	1.6	44	0.1	6	0.5	21
France, Guadeloupe*	1.3	4	4.5	15	0.2	1	0.7	2
France, Martinique*	1.0	3	3.5	11	0.1	1	0.4	2
French Guyana*	1.4	1	4.8	5	0.0	0	0.0	0
Guatemala*	0.5	22	1.6	72	0.3	13	0.9	45
Guyana*	0.6	1	1.9	5	0.1	0	0.4	2
Haiti*	0.5	17	1.8	62	0.3	12	1.0	39
Honduras*	0.5	11	1.5	36	0.1	4	0.4	13
Jamaica*	0.9	13	2.9	40	0.2	3	0.6	10
Mexico*	0.4	190	1.2	623	0.1	74	0.4	247
Nicaragua*	0.4	7	1.4	23	0.0	0	0.1	2
Panama*	0.6	10	1.8	31	0.2	3	0.5	11
Paraguay*	1.0	26	3.5	89	0.3	8	1.0	27
Peru*	0.5	57	1.4	180	0.1	22	0.5	74
Puerto Rico	0.9	25	2.4	64	0.3	10	0.5	23
Suriname*	0.3	1	0.9	2	0.1	0	0.5	2
Trinidad and Tobago*	0.5	3	1.7	11	0.0	0	0.0	0
Uruguay	2.1	51	6.6	157	0.6	26	2.1	78
Venezuela*	0.5	57	1.5	192	0.1	19	0.4	65
Northern America								
Canada	3.0	898	1.5	462	0.4	158	0.7	269
United States of America	3.6	8785	1.8	4334	0.4	1309	0.7	2090
Eastern Europe								
Belarus	0.8	50	5.9	356	0.1	12	0.3	29
Bulgaria	0.9	55	2.1	125	0.1	13	0.3	26
Czech Republic	2.2	188	3.4	285	0.3	36	0.7	73
Hungary*	1.3	94	5.6	407	0.2	25	0.7	70
Poland	0.5	148	3.4	989	0.1	43	0.7	311
Republic of Moldova*	0.7	15	2.7	62	0.1	2	0.1	4
Romania*	0.8	121	3.5	527	0.1	31	0.4	80

	Males				Females			
	AC		SCC		AC		SCC	
	ASR	N	ASR	N	ASR	N	ASR	N
Russian Federation	0.8	699	5.6	4953	0.1	232	0.7	1268
Slovakia	0.8	29	5.6	209	0.2	8	0.7	34
Ukraine	0.9	271	4.5	1339	0.2	91	0.3	165
Northern and Western Europe								
Austria	2.0	150	3.0	216	0.2	24	0.5	50
Belgium	3.5	351	3.9	359	0.6	80	1.4	159
Denmark	3.1	169	2.4	122	0.8	50	1.5	91
Estonia	0.4	4	4.0	38	0.1	1	0.5	10
Finland	1.8	94	1.8	96	0.3	25	0.8	60
France (metropolitan)	1.6	886	4.4	2331	0.3	264	1.4	873
Germany	2.2	1789	4.7	3659	0.3	334	1.1	1050
Iceland*	3.9	10	2.7	7	0.6	2	0.8	3
Ireland	5.4	183	2.9	95	1.0	44	2.2	94
Latvia	0.9	15	6.2	97	0.2	6	0.9	24
Lithuania	1.1	25	6.3	139	0.2	7	0.6	24
Luxembourg*	3.4	13	2.9	11	0.6	3	1.1	6
Norway	2.3	102	1.5	65	0.4	25	0.7	35
Sweden	2.1	198	1.5	141	0.4	44	0.7	78
Switzerland	2.6	197	3.3	237	0.5	46	1.4	111
The Netherlands	7.1	1102	2.8	433	1.2	237	1.5	276
United Kingdom	7.2	4351	2.5	1510	1.4	1120	2.0	1617
Southern Europe								
Albania*	0.4	9	1.3	26	0.1	3	0.5	12
Bosnia Herzegovina*	0.4	13	1.3	38	0.1	5	0.5	16
Croatia	0.9	32	4.5	168	0.1	9	0.5	33
Cyprus	0.8	6	0.6	5	0.2	2	0.3	3
FYR Macedonia*	0.3	4	0.9	14	0.1	1	0.2	3
Greece*	0.4	44	1.2	129	0.1	10	0.2	31
Italy	0.6	404	1.5	919	0.1	93	0.4	370
Malta	2.3	9	1.3	5	0.1	1	0.6	5
Montenegro*	0.6	3	2.2	10	0.2	1	0.7	3
Portugal*	1.3	121	4.7	405	0.1	17	0.4	57
Serbia	0.6	44	3.4	252	0.1	12	0.7	68
Slovenia	0.7	12	3.0	54	0.1	3	0.5	14
Spain	1.3	527	3.1	1209	0.2	93	0.5	234
Oceania								
Australia	3.4	657	1.9	365	0.5	119	1.1	285
Fiji*	0.4	2	2.6	10	0.0	0	0.0	0
French Polynesia*	0.7	1	4.8	7	0.0	0	0.0	0
Guam*	0.4	0	2.5	3	0.0	0	0.0	0
New Caledonia*	0.7	1	4.7	7	0.0	0	0.0	0
New Zealand	4.0	150	1.5	57	0.6	27	1.2	60
Papua New Guinea*	0.5	8	3.5	56	0.3	7	1.6	36
Samoa*	0.0	0	0.0	0	0.2	0	1.0	1
Solomon Islands*	0.0	0	0.3	1	0.0	0	0.0	0
Vanuatu*	0.0	0	0.0	0	0.0	0	0.0	0

*based on regional proportions of AC/SCC (see Methods)

‡country-specific figures are to be interpreted with great caution given the uncertainties involved in the estimation process (see Methods)