

Supplementary file

UN Member State Name	Country classification, exchange rates & Smoking-Attributable Death rate					Total Health Expenditure (PPP\$ Millions)			Total Economic Loss (PPP\$ Millions)		
	Income	Region	US\$	PPP\$	SAD rate	SAHE	THE	% THE	Total loss	GDP	% GDP
Afghanistan	LIC	EMR	50.9	18.5	375	438	4,745	9.2%	1,195	55,896	2.1%
Albania	UMIC	EUR	107.8	46.9	287	113	1,601	7.1%	739	29,602	2.5%
Algeria	UMIC	AFR	77.5	31.7	90	666	30,057	2.2%	5,330	500,814	1.1%
Argentina	UMIC	AMR	4.5	2.9	192	3,014	63,687	4.7%	13,992	890,259	1.6%
Armenia	LMIC	EUR	401.6	181.6	512	125	987	12.6%	863	22,022	3.9%
Australia	HIC	WPR	1.0	1.5	170	4,046	93,178	4.3%	13,421	1,014,858	1.3%
Austria	HIC	EUR	0.8	0.8	188	2,347	40,462	5.8%	8,015	381,912	2.1%
Azerbaijan	UMIC	EUR	0.8	1.0	207	417	8,177	5.1%	2,526	147,623	1.7%
Bahamas	HIC	AMR	1.0	1.0	67	10	634	1.6%	41	8,593	0.5%
Bahrain	HIC	EMR	1.0	1.0	94	50	2,176	2.3%	136	54,523	0.2%
Bangladesh	LIC	SEAR	81.9	24.7	255	884	13,174	6.7%	6,426	460,569	1.4%
Barbados	HIC	AMR	2.0	1.4	28	3	398	0.7%	11	4,399	0.2%
Belarus	UMIC	EUR	8,330.0	3,257.6	344	692	8,154	8.5%	4,597	162,880	2.8%
Belgium	HIC	EUR	0.8	0.8	295	3,085	48,208	6.4%	11,303	461,497	2.4%
Belize	UMIC	AMR	2.0	1.1	85	3	148	2.1%	9	2,722	0.3%
Benin	LIC	AFR	510.5	223.3	27	6	856	0.7%	17	17,259	0.1%
Bhutan	LMIC	SEAR	53.4	18.3	122	6	196	3.0%	66	5,094	1.3%
Bolivia	LMIC	AMR	6.9	3.1	74	64	3,485	1.8%	156	60,373	0.3%

Bosnia and Herzegovina	UMIC	EUR	1.5	0.7	303	267	3,583	7.5%	1,227	35,786	3.4%
Botswana	UMIC	AFR	7.6	3.8	60	24	1,631	1.5%	119	29,485	0.4%
Brazil	UMIC	AMR	2.0	1.5	143	16,955	275,698	6.1%	48,140	3,080,605	1.6%
Brunei Darussalam	HIC	WPR	1.2	0.7	102	17	692	2.5%	270	30,073	0.9%
Bulgaria	UMIC	EUR	1.5	0.7	296	343	8,580	4.0%	4,458	121,533	3.7%
Burkina Faso	LIC	AFR	510.5	214.0	100	39	1,570	2.5%	59	25,665	0.2%
Burundi	LIC	AFR	1,442.5	483.0	47	7	615	1.2%	12	7,436	0.2%
Cabo Verde	LMIC	AFR	85.8	48.1	15	1	144	0.4%	3	3,136	0.1%
Cambodia	LIC	WPR	4,033.0	1,343.0	217	166	3,101	5.4%	669	42,223	1.6%
Cameroon	LMIC	AFR	510.5	239.9	56	39	2,820	1.4%	117	58,792	0.2%
Canada	HIC	AMR	1.0	1.2	239	5,851	159,234	3.7%	25,633	1,477,904	1.7%
Central African Republic	LIC	AFR	510.5	258.3	56	2	161	1.4%	8	4,291	0.2%
Chad	LIC	AFR	510.5	259.3	68	15	908	1.7%	45	25,386	0.2%
Chile	HIC	AMR	486.5	334.2	102	704	28,117	2.5%	2,224	374,205	0.6%
China	UMIC	WPR	6.3	3.5	137	24,320	800,190	3.0%	111,721	14,789,517	0.8%
Colombia	UMIC	AMR	1,796.9	1,178.1	84	799	38,549	2.1%	2,900	566,623	0.5%
Comoros	LIC	AFR	382.9	209.3	20	0	71	0.5%	1	1,091	0.1%
Costa Rica	UMIC	AMR	502.9	354.7	55	88	6,488	1.4%	181	64,381	0.3%
Côte d'Ivoire	LMIC	AFR	510.5	227.2	151	133	3,587	3.7%	261	59,121	0.4%
Croatia	HIC	EUR	5.9	3.8	319	496	6,312	7.9%	2,722	87,096	3.1%
Cuba	UMIC	AMR	1.0	1.0	234	1,133	19,663	5.8%	4,751	123,235	3.9%
Cyprus	HIC	EUR	0.8	0.7	101	70	1,949	3.6%	216	28,781	0.7%
Czech Republic	HIC	EUR	19.6	13.6	296	1,948	21,406	9.1%	7,615	301,569	2.5%
Denmark	HIC	EUR	5.8	7.8	358	2,146	25,754	8.3%	6,516	241,130	2.7%
Djibouti	LMIC	EMR	177.7	98.0	19	1	216	0.5%	4	2,500	0.2%

Dominican Republic	UMIC	AMR	39.3	20.1	150	230	6,237	3.7%	851	119,166	0.7%
Ecuador	UMIC	AMR	1.0	0.5	34	86	10,390	0.8%	262	161,376	0.2%
Egypt	LMIC	EMR	6.1	1.8	94	997	42,945	2.3%	10,206	878,018	1.2%
El Salvador	LMIC	AMR	1.0	1.0	7	6	3,197	0.2%	76	47,705	0.2%
Equatorial Guinea	HIC	AFR	510.5	318.4	80	18	908	2.0%	135	26,444	0.5%
Estonia	HIC	EUR	0.8	0.5	349	156	1,876	8.3%	886	33,344	2.7%
Ethiopia	LIC	AFR	17.7	6.5	31	43	5,567	0.8%	214	115,857	0.2%
Finland	HIC	EUR	0.8	0.9	155	1,001	18,887	5.3%	2,798	217,787	1.3%
France	HIC	EUR	0.8	0.9	193	16,779	275,069	6.1%	58,195	2,490,198	2.3%
Gabon	UMIC	AFR	510.5	304.1	109	29	1,094	2.7%	195	31,810	0.6%
Gambia	LIC	AFR	32.1	10.2	63	3	176	1.6%	5	2,862	0.2%
Georgia	LMIC	EUR	1.7	0.9	119	82	2,808	2.9%	724	30,702	2.4%
Germany	HIC	EUR	0.8	0.8	215	17,382	379,334	4.6%	73,490	3,549,481	2.1%
Ghana	LMIC	AFR	1.8	0.8	28	34	4,953	0.7%	123	94,046	0.1%
Greece	HIC	EUR	0.8	0.7	238	1,676	26,193	6.4%	6,815	285,039	2.4%
Guatemala	LMIC	AMR	7.8	3.7	78	133	6,887	1.9%	384	107,248	0.4%
Guinea	LIC	AFR	6,970.0	2,794.2	95	15	639	2.3%	58	14,158	0.4%
Guinea-Bissau	LIC	AFR	510.5	201.8	49	2	132	1.2%	4	2,355	0.2%
Guyana	LMIC	AMR	204.4	118.9	34	3	321	0.8%	29	4,901	0.6%
Haiti	LIC	AMR	41.9	26.3	18	5	1,190	0.4%	45	16,599	0.3%
Honduras	LMIC	AMR	19.5	10.1	121	100	3,375	3.0%	199	35,818	0.6%
Hungary	UMIC	EUR	225.1	127.4	495	2,086	17,534	11.9%	12,302	227,388	5.4%
Iceland	HIC	EUR	125.1	138.2	206	56	1,112	5.1%	189	13,109	1.4%
India	LMIC	SEAR	53.4	15.9	112	8,369	241,863	3.5%	114,276	6,252,671	1.8%
Indonesia	LMIC	SEAR	9,386.6	3,700.0	245	4,075	67,480	6.0%	172,752	9,587,370	1.8%

Iran	UMIC	EMR	12,175.5	4,849.0	48	1,094	93,058	1.2%	5,124	1,282,946	0.4%
Iraq	UMIC	EMR	1,166.2	523.3	333	1,694	20,622	8.2%	7,558	487,996	1.5%
Ireland	HIC	EUR	0.8	0.8	284	1,242	17,491	7.1%	3,398	209,813	1.6%
Israel	HIC	EUR	3.9	4.0	114	476	18,305	2.6%	2,355	245,748	1.0%
Italy	HIC	EUR	0.8	0.8	211	11,799	187,280	6.3%	33,877	2,110,893	1.6%
Jamaica	UMIC	AMR	88.8	61.3	155	46	1,210	3.8%	252	23,234	1.1%
Japan	HIC	WPR	79.8	105.2	200	17,598	463,110	3.8%	39,249	4,543,204	0.9%
Jordan	UMIC	EMR	0.7	1.0	109	156	5,803	2.7%	869	72,933	1.2%
Kazakhstan	UMIC	EUR	149.2	82.6	555	2,167	15,855	13.7%	13,761	367,594	3.7%
Kenya	LIC	AFR	84.5	36.0	35	36	4,214	0.9%	83	115,511	0.1%
Kuwait	HIC	EMR	1.0	1.0	9	16	7,310	0.2%	67	268,282	0.0%
Kyrgyzstan	LMIC	EUR	46.9	19.0	260	73	1,142	6.4%	340	16,248	2.1%
Lao PDR	LMIC	WPR	8,007.8	2,533.2	284	40	569	7.0%	429	28,809	1.5%
Latvia	HIC	EUR	0.5	1.0	326	208	2,567	8.1%	1,418	43,862	3.2%
Lebanon	UMIC	EMR	1,507.5	869.8	121	223	5,344	4.2%	826	75,354	1.1%
Lesotho	LMIC	AFR	8.2	3.8	73	11	606	1.8%	20	4,851	0.4%
Liberia	LIC	AFR	73.5	38.2	47	4	314	1.2%	8	3,282	0.3%
Libya	UMIC	EMR	1.3	0.7	65	116	7,217	1.6%	1,500	144,299	1.0%
Lithuania	HIC	EUR	2.7	1.6	282	395	4,753	8.3%	2,339	72,758	3.2%
Luxembourg	HIC	EUR	0.8	0.9	214	217	3,343	6.5%	740	47,569	1.6%
Macedonia	UMIC	EUR	47.9	18.8	250	103	1,678	6.2%	852	25,180	3.4%
Madagascar	LIC	AFR	2,195.0	703.0	32	8	1,030	0.8%	118	31,186	0.4%
Malaysia	UMIC	WPR	3.1	1.4	209	1,347	26,153	5.2%	10,926	652,453	1.7%
Mali	LIC	AFR	510.5	218.0	49	18	1,462	1.2%	30	24,403	0.1%
Malta	HIC	EUR	0.8	0.6	150	58	1,055	5.5%	203	12,901	1.6%

Mauritania	LMIC	AFR	296.6	107.5	33	4	465	0.8%	13	13,410	0.1%
Mauritius	UMIC	AFR	30.0	16.2	102	25	1,012	2.5%	219	21,291	1.0%
Mexico	UMIC	AMR	13.2	7.7	65	5,345	124,297	4.3%	7,450	2,007,659	0.4%
Moldova	LMIC	EUR	12.1	5.9	273	119	1,771	6.7%	571	15,034	3.8%
Mongolia	LMIC	WPR	1,357.6	593.6	353	129	1,484	8.7%	733	28,043	2.6%
Morocco	LMIC	EMR	8.6	3.6	82	284	13,988	2.0%	4,509	228,134	2.0%
Myanmar	LIC	SEAR	853.5	485.2	344	156	1,838	8.5%	5,476	201,596	2.7%
Namibia	UMIC	AFR	8.2	5.2	60	25	1,674	1.5%	65	20,688	0.3%
Nepal	LIC	SEAR	85.2	25.8	134	108	3,254	3.3%	889	59,202	1.5%
Netherlands	HIC	EUR	0.8	0.8	268	7,085	90,255	7.9%	20,112	774,436	2.6%
New Zealand	HIC	WPR	1.2	1.5	196	701	14,552	4.8%	2,197	146,197	1.5%
Nicaragua	LMIC	AMR	23.5	9.6	70	37	2,127	1.7%	138	26,215	0.5%
Norway	HIC	EUR	5.8	8.9	209	1,558	30,209	5.2%	4,958	325,463	1.5%
Oman	HIC	EMR	1.0	1.0	32	18	2,352	0.8%	145	146,308	0.1%
Pakistan	LMIC	EMR	91.7	25.3	128	694	21,936	3.2%	5,666	793,490	0.7%
Panama	UMIC	AMR	1.0	0.6	48	59	4,941	1.2%	249	64,474	0.4%
Papua New Guinea	LMIC	WPR	2.1	1.9	4	1	773	0.1%	58	15,709	0.4%
Paraguay	LMIC	AMR	4,424.9	2,293.0	97	110	4,616	2.4%	507	47,485	1.1%
Peru	UMIC	AMR	2.6	1.5	50	208	16,734	1.2%	1,083	333,120	0.3%
Philippines	LMIC	WPR	42.2	17.9	200	1,290	26,162	4.9%	15,062	591,182	2.5%
Poland	HIC	EUR	3.3	1.9	353	3,839	58,161	6.6%	30,792	882,580	3.5%
Portugal	HIC	EUR	0.8	0.6	155	1,197	26,591	4.5%	4,960	274,239	1.8%
Qatar	HIC	EMR	3.6	2.6	5	6	5,847	0.1%	309	275,853	0.1%
Romania	UMIC	EUR	3.5	1.7	295	987	19,737	5.0%	14,949	358,542	4.2%
Russian Federation	HIC	EUR	31.0	18.5	398	28,455	218,887	13.0%	129,903	3,396,205	3.8%

Rwanda	LIC	AFR	614.3	272.1	17	8	1,808	0.4%	16	16,333	0.1%
Saudi Arabia	HIC	EMR	3.8	1.9	32	438	56,284	0.8%	2,430	1,466,153	0.2%
Senegal	LMIC	AFR	510.5	236.2	34	11	1,309	0.8%	23	30,166	0.1%
Sierra Leone	LIC	AFR	4,344.0	1,709.1	109	28	1,048	2.7%	50	9,630	0.5%
Singapore	HIC	WPR	1.2	0.9	157	304	17,049	1.8%	3,493	408,992	0.9%
Slovakia	HIC	EUR	0.8	0.5	268	681	11,158	6.1%	3,859	142,712	2.7%
Slovenia	HIC	EUR	0.8	0.6	279	355	5,379	6.6%	1,355	58,423	2.3%
Solomon Islands	LMIC	WPR	7.4	6.6	25	0	61	0.6%	3	1,012	0.3%
South Africa	UMIC	AFR	8.2	4.9	234	3,297	57,134	5.8%	12,065	659,334	1.8%
South Korea	HIC	WPR	1,126.5	865.7	211	8,191	112,210	7.3%	16,978	1,623,836	1.0%
Spain	HIC	EUR	0.8	0.7	185	8,217	136,957	6.0%	29,738	1,519,012	2.0%
Sri Lanka	LMIC	SEAR	127.6	41.4	131	184	5,694	3.2%	2,416	183,247	1.3%
Sudan	LMIC	EMR	3.6	1.7	13	30	8,972	0.3%	63	144,121	0.0%
Suriname	UMIC	AMR	3.3	2.0	104	10	385	2.6%	67	8,330	0.8%
Swaziland	LMIC	AFR	8.2	4.2	70	11	645	1.7%	28	8,008	0.3%
Sweden	HIC	EUR	6.8	8.9	147	1,169	38,318	3.1%	4,322	420,819	1.0%
Switzerland	HIC	EUR	0.9	1.4	153	1,614	47,664	3.4%	7,090	441,640	1.6%
Syria	LMIC	EMR	65.0	28.3	53	48	3,677	1.3%	1,000	112,382	0.9%
Tajikistan	LIC	EUR	4.8	1.9	50	15	1,209	1.2%	143	18,916	0.8%
Thailand	UMIC	SEAR	31.1	12.2	174	1,512	42,044	3.6%	17,084	923,638	1.8%
Timor-Leste	LMIC	SEAR	1.0	0.6	159	5	135	3.9%	114	7,343	1.5%
Togo	LIC	AFR	510.5	225.1	33	6	725	0.8%	11	8,885	0.1%
Trinidad and Tobago	HIC	AMR	6.4	3.8	90	50	2,258	2.2%	493	40,996	1.2%
Tunisia	UMIC	EMR	1.6	0.6	77	155	8,129	1.9%	2,086	115,373	1.8%
Turkey	UMIC	EUR	1.8	1.1	258	4,604	72,527	6.3%	39,412	1,366,981	2.9%

Ukraine	LMIC	EUR	8.0	3.7	331	2,357	28,877	8.2%	12,509	386,594	3.2%
United Arab Emirates	HIC	EMR	3.7	2.6	5	20	15,819	0.1%	396	534,408	0.1%
United Kingdom	HIC	EUR	0.6	0.7	330	11,333	205,388	5.5%	43,247	2,374,234	1.8%
United States	HIC	AMR	1.0	1.0	318	203,594	2,769,322	7.4%	510,256	16,163,150	3.2%
Uruguay	HIC	AMR	20.3	16.1	243	324	5,411	6.0%	1,626	63,008	2.6%
Uzbekistan	LMIC	EUR	1,890.8	678.6	91	196	8,723	2.2%	2,446	142,802	1.7%
Venezuela	UMIC	AMR	4.3	3.0	92	590	26,098	2.3%	3,886	537,963	0.7%
Viet Nam	LMIC	WPR	20,828.0	7,314.4	228	1,333	26,501	5.0%	11,568	443,911	2.6%
Yemen	LMIC	EMR	214.4	75.2	80	103	5,194	2.0%	591	96,190	0.6%

SAD rate = Smoking-Attributable Death Rate per 100,000 population, SAHE = smoking-attributable health expenditure, THE = total health expenditure, GDP = Gross Domestic Product.

HIC = High Income, UMIC = Upper Middle Income, LMIC = Lower Middle Income, LIC = Low Income. AFR = Africa, AMR = Americas, EMR = Eastern Mediterranean, EUR = Europe, SEAR = South-East Asia, WPR = Western Pacific