

Table S2. Lip and oral cavity cancer mortality.

Country	Rank	Mortality per 100,000	Average Tobacco Smoking per day	Average Tobacco Chewing %	HDI value	Life Expectancy years	Expected Years of Schooling years	Average Years of Schooling years
Papua New Guinea	1	10.6	29.3	5.79	0.555	64.5	10.2	4.7
Pakistan	2	8.2	14.23	9.47	0.557	67.3	8.3	5.2
Bangladesh	3	7.2	23.51	23.68	0.632	72.6	11.6	6.2
India	4	7.0	13.05	18.75	0.645	69.7	12.2	6.5
Sri Lanka	5	5.8	15.95	9.36	0.782	77.0	14.1	10.6
Namibia	6	4.7	17.05	0.87	0.646	63.7	12.6	7.0
Afghanistan	7	4.2	9.83	5.34	0.511	64.8	10.2	3.9
Hungary	8	4.1	30.35	0.21	0.854	76.9	15.2	12.0
Belarus	9	4.0	36.9	0.25	0.823	74.8	15.4	12.3
Polond	10	3.6	28.1	0.32	0.880	78.7	16.3	12.5
Lithuania	11	3.5	29.1	0.22	0.882	75.9	16.6	13.1
Myanmar	12	3.4	24.79	10.35	0.583	67.1	10.7	5.0
Republic of Moldova	13	3.4	23.92	0.25	0.750	71.9	11.5	11.7
Slovakia	14	3.3	27.1	0.22	0.860	77.5	14.5	12.7
Romania	15	3.3	30.95	0.36	0.828	76.1	14.3	11.1
Cambodia	16	3.2	22.84	7.27	0.594	69.8	11.5	5.0
Latvia	17	3.2	34.1	0.27	0.866	75.3	16.2	13.0
Montenegro	18	3.2	35.1	0.53	0.829	76.9	15.0	11.6
Ukraine	19	3.1	28.2	0.31	0.779	72.1	15.1	11.4
Russia	20	3.0	30.55	0.34	0.824	72.6	15.0	12.2
Cape Verde	21	2.9	6.19	1.54	0.665	73.0	12.7	6.3
Laos	22	2.8	28.04	3.73	0.613	67.9	11.0	5.3
Serbia	23	2.7	38.3	0.45	0.806	76.0	14.7	11.2
Angola	24	2.6	10.72	0.46	0.581	61.2	11.8	5.2
Bhutan	25	2.6	9.8	20.68	0.654	71.8	13.0	4.1
Mali	26	2.5	12.47	1.97	0.434	59.3	7.5	2.4
Thailand	27	2.5	21.64	1.77	0.777	77.2	15.0	7.9
Turkmenistan	28	2.4	12.32	0.27	0.715	68.2	11.2	10.3
World	29	2.4	19.66	4.71	0.737	72.8	12.7	8.5
Cuba	30	2.3	23.55	0.41	0.783	78.8	14.3	11.8
Gabon	31	2.3	12.72	0.39	0.703	66.5	13.0	8.7

Nepal	32	2.3	22.5	23.68	0.602	70.8	12.8	5.0
Uzbekistan	33	2.3	13.37	4.39	0.720	71.7	12.1	11.8
Kazakhstan	34	2.2	25.44	0.54	0.825	73.6	15.6	11.9
Kenya	35	2.2	10.86	1.28	0.601	66.7	11.3	6.6
Madagascar	36	2.2	13.73	11.68	0.528	67.0	10.2	6.1
Portugal	37	2.2	27.9	0.14	0.864	82.1	16.5	9.3
Czech	38	2.1	28.65	0.39	0.900	79.4	16.8	12.7
South Africa	39	2.1	22.9	1.42	0.709	64.1	13.8	10.2
Botswana	40	2.0	22.34	3.71	0.735	69.6	12.8	9.6
Croatia	41	2.0	35.85	0.31	0.851	78.5	15.2	11.4
Estonia	42	2.0	25.3	0.46	0.892	78.8	16.0	13.1
Equatorial Guinea	43	2.0	15.0	0.67	0.592	58.7	9.7	5.9
Solomon Islands	44	2.0	35.75	2.73	0.567	73.0	10.2	5.7
Mauricio	45	2.0	23.3	2.32	0.804	75.0	15.1	9.5
Suriname	46	2.0	21.52	0.58	0.738	71.7	13.2	9.3
Austria	47	1.9	31.1	0.21	0.922	81.5	16.1	12.5
Brazil	48	1.9	8.88	0.39	0.765	75.9	15.4	8.0
Mauritania	49	1.9	18.69	1.01	0.546	64.9	8.6	4.7
Uganda	50	1.9	9.39	0.79	0.544	63.4	11.4	6.2
Uruguay	51	1.8	27.05	0.18	0.817	77.9	16.8	8.9
Djibouti	52	1.8	23.86	1.34	0.524	67.1	6.8	4.1
Eritrea	53	1.7	6.598	1.57	0.459	66.3	5.0	3.9
Fiji	54	1.7	28.5	2.53	0.743	67.4	14.4	10.9
Georgia	55	1.7	29.41	0.33	0.812	73.8	15.3	13.1
South Sudan	56	1.7	11.65	1.21	0.433	57.9	5.3	4.8
Belgium	57	1.6	23.15	0.14	0.931	81.6	19.8	12.1
Borundi	58	1.6	10.26	2.51	0.433	61.6	11.1	3.3
Chad	59	1.6	9.41	1.33	0.398	54.2	7.3	2.5
Ethiopia	60	1.6	5.91	1.26	0.485	66.6	8.8	2.9
Niger	61	1.6	7.86	2.17	0.394	62.4	6.5	2.1
Qatar	62	1.6	12.43	0.65	0.848	80.2	12.0	9.7
Samoa	63	1.6	26.95	1.04	0.715	73.3	12.7	10.8
Senegal	64	1.6	7.83	0.43	0.512	67.9	8.6	3.2
Bosnia and Herzegovina	65	1.5	37.8	0.49	0.780	77.4	13.8	9.8
Bulgaria	66	1.5	37.5	0.68	0.816	75.1	14.4	11.4
Burkina Faso	67	1.5	9.23	3.03	0.452	61.6	9.3	1.6

France	68	1.5	34.1	0.13	0.901	82.7	15.6	11.5
Malaysia	69	1.5	21.75	2.27	0.810	76.2	13.7	10.4
Malawi	70	1.5	13.55	0.84	0.483	64.3	11.2	4.7
Micronesia	71	1.5	49.3	7.24	0.620	67.9	11.5	7.8
United Kingdom	72	1.5	19.9	0.15	0.932	81.3	17.5	13.2
St. Lucia	73	1.5	12.23	0.49	0.759	76.2	14.0	8.5
Germany	74	1.4	26.45	0.18	0.947	81.3	17.0	14.2
Denmark	75	1.4	22.65	0.22	0.940	80.9	18.9	12.6
Spain	76	1.4	27.65	0.14	0.904	83.6	17.6	10.3
Indonesia	77	1.4	30.95	1.22	0.718	71.7	13.6	8.2
Kyrgyzstan	78	1.4	24.12	3.52	0.697	71.5	13.0	11.1
Lesotho	79	1.4	21.67	0.99	0.527	54.3	11.3	6.5
Malta	80	1.4	24.45	0.15	0.895	82.5	16.1	11.3
Mozambique	81	1.4	14.77	1.78	0.456	60.9	10.0	3.5
Central African Republic	82	1.4	8.3	0.67	0.397	53.3	7.6	4.3
Switzerland	83	1.4	26.35	0.21	0.955	83.8	16.3	13.4
Cameroon	84	1.3	8.15	0.92	0.563	59.3	12.1	6.3
Finland	85	1.3	21.45	0.25	0.938	81.9	19.4	12.8
Ireland	86	1.3	22.35	0.14	0.955	82.3	18.7	12.9
Morocco	87	1.3	11.78	1.06	0.686	76.7	13.7	5.6
Sudan	88	1.3	10.72	2.97	0.510	65.3	7.9	3.8
Tanzania	89	1.3	10.48	0.77	0.529	65.5	8.1	6.1
Timor-Leste	90	1.3	34.87	1.82	0.606	69.5	12.6	4.8
Philippines	91	1.2	24.57	1.69	0.718	71.2	13.1	9.4
Guinea-Bissau	92	1.2	4.76	0.83	0.480	58.3	10.6	3.6
Italy	93	1.2	23.1	0.15	0.892	83.5	16.1	10.4
Mongolia	94	1.2	29.98	1.19	0.737	69.9	14.2	10.3
Sierra Leone	95	1.2	19.17	1.26	0.452	54.7	10.2	3.7
Togo	96	1.2	8.13	0.87	0.515	61.0	12.7	4.9
Viet Nam	97	1.2	24.89	1.03	0.704	75.4	12.7	8.3
Albanian	98	1.1	31.7	0.8	0.795	78.6	14.7	10.1
Argentina	99	1.1	24.4	0.2	0.845	76.7	17.7	10.9
Azerbaijan	100	1.1	23.05	0.24	0.756	73.0	12.9	10.6
Bahamas	101	1.1	7.29	0.37	0.814	73.9	12.9	11.4
Barbados	102	1.1	9.25	0.34	0.814	79.2	15.4	10.6
Canada	103	1.1	17.7	0.8	0.929	82.4	16.2	13.4

Côte d'Ivoire	104	1.1	12.79	0.62	0.538	57.8	10.0	5.3
Slovenia	105	1.1	27.35	0.33	0.917	81.3	17.6	12.7
Iceland	106	1.1	15.45	0.64	0.949	83.0	19.1	12.8
Liberia	107	1.1	8.13	0.66	0.480	64.1	9.6	4.8
New Zealand	108	1.1	16.8	0.49	0.931	82.3	18.8	12.8
Oman	109	1.1	8.84	0.71	0.813	77.9	14.2	9.7
Rwanda	110	1.1	15.11	1.36	0.543	69.0	11.2	4.4
Syria	111	1.1	24.05	0.4	0.567	72.7	8.9	5.1
Sweden	112	1.1	13.4	1.05	0.945	82.8	19.5	12.5
Tajikistan	113	1.1	9.09	3.31	0.668	71.1	11.7	10.7
Trinidad and Tobago	114	1.1	18.53	0.43	0.796	73.5	13.0	11.0
El Salvador	115	1.0	10.5	0.52	0.673	73.3	11.7	6.9
Greece	116	1.0	38.15	0.15	0.888	82.2	17.9	10.6
Guyana	117	1.0	14.55	0.42	0.682	69.9	11.4	8.5
Netherlands	118	1.0	22.7	0.13	0.944	82.3	18.5	12.4
Nigeria	119	1.0	4.29	0.39	0.539	54.7	10.0	6.7
Bolivarian Republic of Venezuela	120	1.0	17.25	1.32	0.711	72.1	12.8	10.3
Singapore	121	1.0	13.71	0.56	0.938	83.6	16.4	11.6
Saudi Arabia	122	0.97	12.38	0.65	0.854	75.1	16.1	10.2
Tunisia	123	0.97	24.05	2.41	0.740	76.7	15.1	7.2
Australia	124	0.94	15.4	0.41	0.944	83.4	22.0	12.7
Democratic Republic of Congo	125	0.94	11.48	1.15	0.480	60.7	9.7	6.8
Kuwait	126	0.93	19.21	0.91	0.806	75.5	14.2	7.3
Norway	127	0.93	18.35	0.82	0.957	82.4	18.1	12.9
Japan	128	0.92	21.8	0.56	0.919	84.6	15.2	12.9
North Macedonia	129	0.92	39.05	0.44	0.774	75.8	13.6	9.8
Guinea	130	0.89	15.61	0.83	0.477	61.6	9.4	2.8
Haiti	131	0.88	6.37	0.41	0.510	64.0	9.7	5.6
Egypt	132	0.87	22.23	0.48	0.707	72.0	13.3	7.4
Jordan	133	0.86	32.4	1.11	0.729	74.5	11.4	10.5
Paraguay	134	0.86	16.46	1.3	0.728	74.3	12.7	8.5
Comoros	135	0.84	13.14	5.4	0.554	64.3	11.2	5.1
United States Of America	136	0.83	17.6	2.23	0.926	78.9	16.3	13.4
Barhain	137	0.81	14.25	1.03	0.852	77.3	16.3	9.5
China	138	0.81	26.62	0.54	0.761	76.9	14.0	8.1

United Arab Emirates	139	0.81	10.84	1.1	0.890	78.0	14.3	12.1
Eswatini	140	0.81	8.93	0.38	0.611	60.2	11.8	6.9
Iraq	141	0.81	20.56	0.41	0.674	70.6	11.3	7.3
Vanuatu	142	0.81	21.95	3.21	0.609	70.5	11.7	7.1
Benin	143	0.80	6.14	1.88	0.545	61.8	12.6	3.8
Peru	144	0.80	5.67	0.6	0.777	76.7	15.0	9.7
Guatemala	145	0.78	12.42	0.28	0.663	74.3	10.8	6.6
Luxembourg	146	0.75	23.75	0.14	0.916	82.3	14.3	12.3
Ghana	147	0.74	6.29	0.81	0.611	64.1	11.5	7.3
Colombia	148	0.72	12.21	0.58	0.767	77.3	14.4	8.5
Armenia	149	0.71	29.2	0.22	0.776	75.1	13.1	11.3
Cyprus	150	0.71	33.05	0.15	0.887	81.0	15.2	12.2
Turkey	151	0.71	30.8	0.36	0.820	77.7	16.6	8.1
Libya	152	0.70	20.03	0.83	0.724	72.9	12.9	7.6
Panama	153	0.68	8.48	0.37	0.815	78.5	12.9	10.2
Republic of Korea	154	0.68	23.85	0.47	0.916	83.0	16.5	12.2
Islamic Republic of Iran	155	0.68	14.81	0.89	0.783	76.7	14.8	10.3
Lebanon	156	0.67	36.05	0.87	0.744	78.9	11.3	8.7
Ecuador	157	0.65	14.83	0.21	0.759	77.0	14.6	8.9
Costa Rica	158	0.64	11.24	0.22	0.810	80.3	15.7	8.7
Chile	159	0.52	34.45	0.21	0.851	80.2	16.4	10.6
Mexico	160	0.52	18.01	0.39	0.779	75.1	14.8	8.8
Dominican Republic	161	0.52	11.48	0.86	0.756	74.1	14.2	8.1
Honduras	162	0.48	14.62	0.37	0.634	75.3	10.1	6.6
Israel	163	0.47	20.65	0.19	0.919	83.0	16.2	13.0
Jamaica	164	0.46	13.46	0.46	0.734	74.5	13.1	9.7
Congo	165	0.45	11.25	0.66	0.574	64.6	11.7	6.5
Nicaragua	166	0.43	13.48	0.65	0.660	74.5	12.3	6.9
Brunei Darussalam	167	0.41	16.94	0.87	0.838	75.9	14.3	9.1
Bolivia	168	0.38	12.75	0.75	0.718	71.5	14.2	9.0
Algeria	169	0.37	17.22	4.01	0.748	76.9	14.6	8.0
Belize	170	0	13.31	0.52	0.716	74.6	13.1	9.9
Maldives	171	0	26.92	4.62	0.740	78.9	12.2	7.0
São Tomé and Príncipe	172	0	4.75	0.47	0.625	70.4	12.7	6.4