

Table S1. Lip and oral cavity cancer Incidence.

Country	Rank	Incidence 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	27.1	29.3	5.79	0.555	64.5	10.2	4.7
Pakistan	2	13.0	14.23	9.47	0.557	67.3	8.3	5.2
India	3	12.5	13.05	18.75	0.645	69.7	12.2	6.5
Sri Lanka	4	12.4	15.95	9.36	0.782	77.0	14.1	10.6
Bangladesh	5	12.2	23.51	23.68	0.632	72.6	11.6	6.2
Namibia	6	8.4	17.05	0.87	0.646	63.7	12.6	7.0
Australia	7	8.3	15.4	0.41	0.944	83.4	22	12.7
Hungary	8	8.1	30.35	0.21	0.854	76.9	15.2	12.0
Slovakia	9	7.9	27.1	0.22	0.860	77.5	14.5	12.7
Cape Verde	10	7.7	6.19	1.54	0.665	73.0	12.7	6.3
Latvia	11	7.7	34.1	0.27	0.866	75.3	16.2	13.0
Poland	12	7.7	28.1	0.32	0.880	78.7	16.3	12.5
France	13	6.9	34.1	0.13	0.901	82.7	15.6	11.5
Romania	14	6.9	30.95	0.36	0.828	76.1	14.3	11.1
Cuba	15	6.7	23.55	0.41	0.783	78.8	14.3	11.8
Portugal	16	6.7	27.9	0.14	0.864	82.1	16.5	9.3
United Kingdom	17	6.5	19.9	0.15	0.932	81.3	17.5	13.2
Russia	18	6.5	30.55	0.34	0.824	72.6	15.0	12.2
Serbia	19	6.3	38.3	0.45	0.806	76.0	14.7	11.2
Belgium	20	5.9	23.15	0.14	0.931	81.6	19.8	12.1
Afghanistan	21	5.8	9.83	5.34	0.511	64.8	10.2	3.9
Spain	22	5.8	27.65	0.14	0.904	83.6	17.6	10.3
Montenegro	23	5.7	35.1	0.53	0.829	76.9	15.0	11.6
Myanmar	24	5.7	24.79	10.35	0.583	67.1	10.7	5.0
Ukraine	25	5.7	28.2	0.31	0.799	72.1	15.1	11.4
Republic of Moldova	26	5.6	23.92	0.25	0.750	71.9	11.5	11.7
Germany	27	5.5	26.45	0.18	0.947	81.3	17.0	14.2
Czech	28	5.5	28.65	0.39	0.900	79.4	16.8	12.7
Netherlands	29	5.5	22.7	0.13	0.944	82.3	18.5	12.4
Canada	30	5.4	17.1	0.8	0.929	82.4	16.2	13.4
Croatia	31	5.4	35.85	0.31	0.851	78.5	15.2	11.4

United States of America	32	5.4	17.6	2.23	0.926	78.9	16.3	13.4
Luxembourg	33	5.4	23.75	0.14	0.916	82.3	14.3	12.3
St. Lucia	34	5.4	12.23	0.49	0.759	76.2	14.0	8.5
Belarus	35	5.3	36.9	0.25	0.823	74.8	15.4	12.3
World	36	5.2	19.66	4.71	0.737	72.8	12.7	8.5
Ireland	37	5.1	22.35	0.14	0.955	82.3	18.7	12.9
Thailand	38	5.1	21.64	1.77	0.777	77.2	15.0	7.9
Cambodia	39	5	22.84	7.27	0.594	69.8	11.5	5.0
Switzerland	40	5	26.35	0.21	0.955	83.8	16.3	13.4
Slovenia	41	4.9	27.35	0.33	0.917	81.3	17.6	12.7
South Africa	42	4.9	22.9	1.42	0.709	64.1	13.8	10.2
New Zealand	43	4.8	16.8	0.49	0.931	82.3	18.8	12.8
Laos	44	4.8	28.04	3.73	0.613	67.9	11.0	5.3
Lithuania	45	4.7	29.1	0.22	0.882	75.9	16.6	13.1
Brazil	46	4.6	8.88	0.39	0.765	75.9	15.4	8.0
Denmark	47	4.6	22.65	0.22	0.940	80.9	18.9	12.6
Gabon	48	4.5	12.72	0.39	0.703	66.5	13.0	8.7
Norway	49	4.5	18.35	0.82	0.957	82.4	18.1	12.9
Botswana	50	4.4	22.34	3.71	0.735	69.6	12.8	9.6
Austria	51	4.3	31.1	0.21	0.922	81.5	16.1	12.5
Japan	52	4.3	21.8	0.56	0.919	84.6	15.2	12.9
Nepal	53	4.3	22.5	23.68	0.602	70.8	12.8	5.0
Uzbekistan	54	4.3	13.37	4.39	0.720	71.7	12.1	11.8
Angola	55	4.2	10.72	0.46	0.581	61.2	11.8	5.2
Bulgaria	56	4.2	37.5	0.68	0.816	75.1	14.4	11.4
Turkmenistan	57	4.1	12.32	0.27	0.715	68.2	11.2	10.3
Bosnia and Herzegovina	58	3.9	37.8	0.49	0.780	77.4	13.8	9.8
Estonia	59	3.9	25.3	0.46	0.892	78.8	16.0	13.1
Mauricio	60	3.9	23.3	2.32	0.804	75.0	15.1	9.5
Samoa	61	3.9	26.95	1.04	0.715	73.3	12.7	10.8
Sweden	62	3.9	13.4	1.05	0.945	82.8	19.5	12.5
Bhutan	63	3.8	9.8	20.68	0.654	71.8	13.0	4.1
Finland	64	3.8	21.45	0.25	0.938	81.9	19.4	12.8
Fiji	65	3.7	28.5	2.53	0.743	67.4	14.4	10.9
Italy	66	3.6	23.1	0.15	0.892	83.5	16.1	10.4
Micronesia	67	3.6	49.3	7.24	0.620	67.9	11.5	7.8
Kenya	68	3.5	10.86	1.28	0.601	66.7	11.3	6.6

Georgia	69	3.4	29.41	0.33	0.812	73.8	15.3	13.1
Kazakhstan	70	3.4	25.44	0.54	0.825	73.6	15.6	11.9
Madagascar	71	3.3	13.73	11.68	0.528	67.0	10.2	6.1
Mali	72	3.3	12.47	1.97	0.434	59.3	7.5	2.4
Uruguay	73	3.2	27.05	0.18	0.817	77.9	16.8	8.9
Vanuatu	74	3.2	21.95	3.21	0.609	70.5	11.7	7.1
Greece	75	3.1	38.15	0.15	0.888	82.2	17.9	10.6
Solomon Islands	76	3	35.75	2.73	0.567	73.0	10.2	5.7
Argentina	77	2.9	24.4	0.2	0.845	76.7	17.7	10.9
Equatorial Guinea	78	2.9	15	0.67	0.592	58.7	9.7	5.9
Singapore	79	2.9	13.71	0.56	0.938	83.6	16.4	11.6
Malaysia	80	2.8	21.75	2.27	0.810	76.2	13.7	10.4
Qatar	81	2.8	12.43	0.65	0.848	80.2	12.0	9.7
Turkey	82	2.7	30.8	0.36	0.820	77.7	16.6	8.1
Uganda	83	2.7	9.39	0.79	0.544	63.4	11.4	6.2
Indonesia	84	2.6	30.95	1.22	0.718	71.7	13.6	8.2
Sudan	85	2.6	10.72	2.97	0.510	65.3	7.9	3.8
Mauritania	86	2.5	18.69	1.01	0.546	64.9	8.6	4.7
Republic of Korea	87	2.5	23.85	0.47	0.916	83.0	16.5	12.2
Albania	88	2.4	31.7	0.8	0.795	78.6	14.7	10.1
Eritrea	89	2.4	6.598	1.57	0.459	66.3	5.0	3.9
Oman	90	2.4	8.84	0.71	0.813	77.9	14.2	9.7
Bolivarian Republic of Venezuela	91	2.4	17.25	1.32	0.711	72.1	12.8	10.3
Senegal	92	2.4	7.83	0.43	0.512	67.9	8.6	3.2
South Sudan	93	2.4	11.65	1.21	0.433	57.9	5.3	4.8
Viet Nam	94	2.4	24.89	1.03	0.704	75.4	12.7	8.3
Azerbaijan	95	2.3	23.05	0.24	0.756	73.0	12.9	10.6
Cyprus	96	2.3	33.05	0.15	0.887	81.0	15.2	12.2
Ethiopia	97	2.3	5.91	1.26	0.485	66.6	8.8	2.9
Iceland	98	2.3	15.45	0.64	0.949	83.0	19.1	12.8
Morocco	99	2.3	11.78	1.06	0.686	76.7	13.7	5.6
Suriname	100	2.3	21.52	0.58	0.738	71.7	13.2	9.3
Djibouti	101	2.3	23.86	1.34	0.524	67.1	6.8	4.1
Saudi Arabia	102	2.2	12.38	0.65	0.854	75.1	16.1	10.2
Kyrgyzstan	103	2.2	24.12	3.52	0.697	71.5	13.0	11.1

Lesotho	104	2.2	21.67	0.99	0.527	54.3	11.3	6.5
Peru	105	2.2	5.67	0.6	0.777	76.7	15.0	9.7
Burkina Faso	106	2.1	9.23	3.03	0.452	61.6	9.3	1.6
Burundi	107	2.1	10.26	2.51	0.433	61.6	11.1	3.3
Philippines	108	2.1	24.57	1.69	0.718	71.2	13.1	9.4
Israel	109	2.1	20.65	0.19	0.919	83.0	16.2	13.0
Kuwait	110	2.1	19.21	0.91	0.806	75.5	14.2	7.3
Malawi	111	2.1	13.55	0.84	0.483	64.3	11.2	4.7
Malta	112	2.1	24.45	0.15	0.895	82.5	16.1	11.3
Niger	113	2.1	7.86	2.17	0.394	62.4	6.5	2.1
Trinidad and Tobago	114	2.1	18.53	0.43	0.796	73.5	13.0	11.0
Tunisia	115	2.1	24.05	2.41	0.740	76.7	15.1	7.2
Bahrain	116	2	14.25	1.03	0.852	77.3	16.3	9.5
Chad	117	2	9.41	1.33	0.398	54.2	7.3	2.5
Egypt	118	2	22.23	0.48	0.707	72.0	13.3	7.4
Tanzania	119	2	10.48	0.77	0.529	65.5	8.1	6.1
Cameroon	120	1.9	8.15	0.92	0.563	59.3	12.1	6.3
United Arab Emirates	121	1.9	10.84	1.1	0.890	78.0	14.3	12.1
Mozambique	122	1.9	14.77	1.78	0.456	60.9	10.0	3.5
Paraguay	123	1.9	16.46	1.3	0.728	74.3	12.7	8.5
Barbados	124	1.8	9.25	0.34	0.814	79.2	15.4	10.6
Colombia	125	1.8	12.21	0.58	0.767	77.3	14.4	8.5
Haiti	126	1.8	6.37	0.41	0.510	64.0	9.7	5.6
Mongolia	127	1.8	29.98	1.19	0.737	69.9	14.2	10.3
Central African Republic	128	1.8	8.3	0.67	0.397	53.3	7.6	4.3
Togo	129	1.8	8.13	0.87	0.515	61.0	12.7	4.9
China	130	1.7	26.62	0.54	0.761	76.9	14.0	8.1
El Salvador	131	1.7	10.5	0.52	0.673	73.3	11.7	6.9
Guyana	132	1.7	14.55	0.42	0.682	69.9	11.4	8.5
Jordan	133	1.7	32.4	1.11	0.729	74.5	11.4	10.5
North Macedonia	134	1.7	39.05	0.44	0.774	75.8	13.6	9.8
Islamic Republic of Iran	135	1.7	14.81	0.89	0.783	76.7	14.8	10.3
Tajikistan	136	1.7	9.09	3.31	0.668	71.1	11.7	10.7
Côte d'Ivoire	137	1.6	12.79	0.62	0.538	57.8	10.0	5.3
Guatemala	138	1.6	12.42	0.28	0.663	74.3	10.8	6.6

Guinea-Bissau	139	1.6	4.76	0.83	0.480	58.3	10.6	3.6
Liberia	140	1.6	8.13	0.66	0.480	64.1	9.6	4.8
Maldives	141	1.6	26.92	4.62	0.740	78.9	12.2	7.0
Rwanda	142	1.6	15.11	1.36	0.543	69.0	11.2	4.4
Costa Rica	143	1.5	11.24	0.22	0.810	80.3	15.7	8.7
Ecuador	144	1.5	14.83	0.21	0.759	77.0	14.6	8.9
Nigeria	145	1.5	4.29	0.39	0.539	54.7	10.0	6.7
Sierra Leone	146	1.5	19.17	1.26	0.452	54.7	10.2	3.7
Syria	147	1.5	24.05	0.4	0.567	72.7	8.9	5.1
Timor-Leste	148	1.5	34.87	1.82	0.606	69.5	12.6	4.8
Honduras	149	1.4	14.62	0.37	0.634	75.3	10.1	6.6
Iraq	150	1.4	20.56	0.41	0.674	70.6	11.3	7.3
Lebanon	151	1.4	36.05	0.87	0.744	78.9	11.3	8.7
Libya	152	1.4	20.03	0.83	0.724	72.9	12.9	7.6
Mexico	153	1.4	18.01	0.39	0.779	75.1	14.8	8.8
Dominican Republic	154	1.4	11.48	0.86	0.756	74.1	14.2	8.1
Armenia	155	1.3	29.2	0.22	0.776	75.1	13.1	11.3
Bahamas	156	1.3	7.29	0.37	0.814	73.9	12.9	11.4
Comoros	157	1.3	13.14	5.4	0.554	64.3	11.2	5.1
Eswatini	158	1.3	8.93	0.38	0.611	60.2	11.8	6.9
Democratic Republic of Congo	159	1.3	11.48	1.15	0.480	60.7	9.7	6.8
Benin	160	1.2	6.14	1.88	0.545	61.8	12.6	3.8
Chile	161	1.2	34.45	0.21	0.851	80.2	16.4	10.6
Ghana	162	1.2	6.29	0.81	0.611	64.1	11.5	7.3
Guinea	163	1.2	15.61	0.83	0.477	61.6	9.4	2.8
Panama	164	1.2	8.48	0.37	0.815	78.5	12.9	10.2
Jamaica	165	0.96	13.46	0.46	0.734	74.5	13.1	9.7
Algeria	166	0.86	17.22	4.01	0.748	76.9	14.6	8.0
Bolivia	167	0.79	12.75	0.75	0.718	71.5	14.2	9.0
Brunei Darussalam	168	0.75	16.94	0.87	0.838	75.9	14.3	9.1
Congo	169	0.67	11.25	0.66	0.574	64.6	11.7	6.5
Nicaragua	170	0.64	13.48	0.65	0.660	74.5	12.3	6.9
Belize	171	0	13.31	0.52	0.716	74.6	13.1	9.9
São Tomé and Príncipe	172	0	4.75	0.47	0.625	70.4	12.7	6.4