

Supplementary Tables

Table S1: Number of never, former, less than daily and daily smokers, by sex, SDI group and super region, in 2000 and 2020

Category	Group	Year	Sex	Never Smoker ¹	Former Smoker ¹	Less Than Daily Smoker ¹	Daily Smoker ¹
Global	global	2000	Male	4,095.2 (78.8%)	240.3 (4.6%)	97 (1.9%)	761.5 (14.7%)
	global	2000	Female	4,847.0 (93.8%)	116.7 (2.3%)	33.9 (0.7%)	169.1 (3.3%)
	global	2020	Male	5,553.5 (80.8%)	366.1 (5.3%)	130.2 (1.9%)	823.9 (12.0%)
	global	2020	Female	6,522.5 (94.9%)	157.9 (2.3%)	37.7 (0.5%)	154.8 (2.3%)
Super Region	Central Europe, Eastern Europe, and Central Asia	2000	Male	249.4 (70.8%)	25.4 (7.2%)	5.1 (1.4%)	72.2 (20.5%)
	Central Europe, Eastern Europe, and Central Asia	2000	Female	352.6 (89.9%)	12.2 (3.1%)	2.5 (0.6%)	25 (6.4%)
	Central Europe, Eastern Europe, and Central Asia	2020	Male	263.7 (74.1%)	29.7 (8.3%)	4.8 (1.3%)	57.8 (16.2%)
	Central Europe, Eastern Europe, and Central Asia	2020	Female	356.9 (90.3%)	13.6 (3.5%)	2.5 (0.6%)	22.1 (5.6%)
	High-income	2000	Male	627.5 (73.5%)	90.2 (10.6%)	20.9 (2.5%)	115.4 (13.5%)
	High-income	2000	Female	743.7 (83.0%)	65.1 (7.3%)	12.9 (1.4%)	74.5 (8.3%)
	High-income	2020	Male	761.1 (77.4%)	113.4 (11.5%)	20.6 (2.1%)	88.6 (9.0%)
	High-income	2020	Female	872.0 (85.2%)	78.2 (7.6%)	12.5 (1.2%)	60.3 (5.9%)
	Latin America and Caribbean	2000	Male	305.0 (80.3%)	30 (7.9%)	11.9 (3.1%)	33.1 (8.7%)
	Latin America and Caribbean	2000	Female	352.0 (89.0%)	18.7 (4.7%)	5.9 (1.5%)	18.9 (4.8%)
	Latin America and Caribbean	2020	Male	415.4 (82.8%)	47.4 (9.4%)	14.4 (2.9%)	24.4 (4.9%)
	Latin America and Caribbean	2020	Female	483.1 (91.5%)	26.5 (5.0%)	5.5 (1.0%)	12.7 (2.4%)
	North Africa and Middle East	2000	Male	294.5 (82.5%)	14.9 (4.2%)	4.9 (1.4%)	42.5 (11.9%)
	North Africa and Middle East	2000	Female	328.4 (96.9%)	2.6 (0.8%)	1.3 (0.4%)	6.4 (1.9%)
	North Africa and Middle East	2020	Male	446.5 (81.1%)	28.2 (5.1%)	10.8 (2.0%)	64.9 (11.8%)
	North Africa and Middle East	2020	Female	491.1 (96.8%)	4.5 (0.9%)	3.5 (0.7%)	8.2 (1.6%)
	South Asia	2000	Male	951.7 (85.1%)	24 (2.1%)	12.8 (1.1%)	129.7 (11.6%)
	South Asia	2000	Female	1,024.0 (97.9%)	4.4 (0.4%)	3.6 (0.3%)	14.3 (1.4%)
	South Asia	2020	Male	1,397.8 (87.5%)	43.3 (2.7%)	26.5 (1.7%)	130.1 (8.1%)
	South Asia	2020	Female	1,519.3 (98.1%)	8.2 (0.5%)	4.8 (0.3%)	15.7 (1.0%)
Southeast Asia, East Asia, and Oceania	2000	Male	1,218.7 (74.4%)	42.1 (2.6%)	35.6 (2.2%)	340.8 (20.8%)	
Southeast Asia, East Asia, and Oceania	2000	Female	1,551.1 (97.6%)	8 (0.5%)	5.8 (0.4%)	25 (1.6%)	
Southeast Asia, East Asia, and Oceania	2020	Male	1,488.6 (73.3%)	79.8 (3.9%)	44.1 (2.2%)	418.4 (20.6%)	

	Southeast Asia, East Asia, and Oceania	2020	Female	1,927.9 (97.3%)	16.3 (0.8%)	6.5 (0.3%)	29.9 (1.5%)
	Sub-Saharan Africa	2000	Male	448.4 (90.4%)	13.7 (2.8%)	5.8 (1.2%)	27.9 (5.6%)
	Sub-Saharan Africa	2000	Female	495.3 (97.5%)	5.7 (1.1%)	1.9 (0.4%)	5 (1.0%)
	Sub-Saharan Africa	2020	Male	780.4 (91.4%)	24.4 (2.9%)	9.1 (1.1%)	39.6 (4.6%)
	Sub-Saharan Africa	2020	Female	872.3 (97.9%)	10.5 (1.2%)	2.4 (0.3%)	6 (0.7%)
SDI² Level	high SDI	2000	Male	568.0 (74.1%)	77.4 (10.1%)	18.6 (2.4%)	102 (13.3%)
	high SDI	2000	Female	664.0 (83.8%)	56.4 (7.1%)	11.5 (1.4%)	60.8 (7.7%)
	high SDI	2020	Male	709.3 (78.0%)	99.5 (10.9%)	18.8 (2.1%)	81.8 (9.0%)
	high SDI	2020	Female	790.3 (86.2%)	68 (7.4%)	10.7 (1.2%)	47.6 (5.2%)
	high-middle SDI	2000	Male	1,232.9 (73.4%)	65.1 (3.9%)	31.3 (1.9%)	349.8 (20.8%)
	high-middle SDI	2000	Female	1,571.3 (94.4%)	26.4 (1.6%)	7.6 (0.5%)	59.3 (3.6%)
	high-middle SDI	2020	Male	1,429.1 (73.2%)	99.7 (5.1%)	35.7 (1.8%)	386.8 (19.8%)
	high-middle SDI	2020	Female	1,832.1 (94.5%)	36.8 (1.9%)	10.5 (0.5%)	59.1 (3.0%)
	middle SDI	2000	Male	699.5 (77.7%)	50 (5.5%)	24 (2.7%)	127 (14.1%)
	middle SDI	2000	Female	863.1 (93.8%)	21.8 (2.4%)	8.5 (0.9%)	26.8 (2.9%)
	middle SDI	2020	Male	944.3 (78.2%)	81.7 (6.8%)	33.4 (2.8%)	148 (12.3%)
	middle SDI	2020	Female	1,166.1 (95.0%)	30.8 (2.5%)	8.1 (0.7%)	22.1 (1.8%)
	low-middle SDI	2000	Male	1,296.1 (85.6%)	36.8 (2.4%)	19.2 (1.3%)	161.9 (10.7%)
	low-middle SDI	2000	Female	1,418.8 (98.0%)	6.8 (0.5%)	4.9 (0.3%)	18 (1.2%)
	low-middle SDI	2020	Male	1,942.1 (87.5%)	64.5 (2.9%)	35.7 (1.6%)	176.1 (7.9%)
	low-middle SDI	2020	Female	2,153.2 (98.2%)	12.2 (0.6%)	6.6 (0.3%)	20.6 (0.9%)
	low SDI	2000	Male	298.7 (89.3%)	10.9 (3.3%)	3.9 (1.2%)	20.8 (6.2%)
	low SDI	2000	Female	329.7 (96.7%)	5.4 (1.6%)	1.5 (0.5%)	4.2 (1.2%)
	low SDI	2020	Male	528.7 (90.1%)	20.6 (3.5%)	6.6 (1.1%)	31.2 (5.3%)
low SDI	2020	Female	580.9 (97.1%)	10 (1.7%)	1.9 (0.3%)	5.4 (0.9%)	

¹numbers are in millions

²SDI: Socio-demographic Index is a summary measure that identifies where countries or other geographic areas sit on the spectrum of development. Expressed on a scale of 0 to 1, SDI is a composite average of the rankings of the incomes per capita, average educational attainment, and fertility rates of all areas in the GBD study.

Table S2: Super regions and SDI groups of all countries

Super region	Country	SDI group in 2020 ¹
Southeast Asia, East Asia, and Oceania	China	high-middle SDI
	Democratic People's Republic of Korea	low-middle SDI
	Taiwan (Province of China)	high SDI
	Cambodia	low-middle SDI
	Indonesia	middle SDI
	Lao People's Democratic Republic	low-middle SDI
	Malaysia	high-middle SDI
	Maldives	middle SDI
	Myanmar	low-middle SDI
	Philippines	middle SDI
	Sri Lanka	middle SDI
	Thailand	middle SDI
	Timor-Leste	low SDI
	Viet Nam	middle SDI
	Fiji	middle SDI
	Kiribati	low-middle SDI
	Marshall Islands	low-middle SDI
	Micronesia (Federated States of)	low-middle SDI
	Papua New Guinea	low SDI
	Samoa	low-middle SDI
	Solomon Islands	low SDI
	Tonga	middle SDI
	Vanuatu	low-middle SDI
	Mauritius	high-middle SDI
	Seychelles	high-middle SDI
	American Samoa	high-middle SDI
	Cook Islands	high-middle SDI
	Guam	high-middle SDI
	Nauru	middle SDI
	Niue	high-middle SDI

	Northern Mariana Islands	high-middle SDI
	Palau	high-middle SDI
	Tokelau	middle SDI
	Tuvalu	low-middle SDI
Central Europe, Eastern Europe, and Central Asia	Armenia	middle SDI
	Azerbaijan	middle SDI
	Georgia	high-middle SDI
	Kazakhstan	high-middle SDI
	Kyrgyzstan	low-middle SDI
	Mongolia	low-middle SDI
	Tajikistan	low-middle SDI
	Turkmenistan	middle SDI
	Uzbekistan	middle SDI
	Albania	middle SDI
	Bosnia and Herzegovina	high-middle SDI
	Bulgaria	high-middle SDI
	Croatia	high-middle SDI
	Czechia	high SDI
	Hungary	high-middle SDI
	North Macedonia	high-middle SDI
	Montenegro	high-middle SDI
	Poland	high-middle SDI
	Romania	high-middle SDI
	Serbia	high-middle SDI
	Slovakia	high SDI
	Slovenia	high SDI
	Belarus	high-middle SDI
	Estonia	high SDI
	Latvia	high SDI
	Lithuania	high SDI
Republic of Moldova	high-middle SDI	
Russian Federation	high-middle SDI	
Ukraine	high-middle SDI	

High-income	Brunei Darussalam	high-middle SDI
	Japan	high SDI
	Republic of Korea	high SDI
	Singapore	high SDI
	Australia	high SDI
	New Zealand	high SDI
	Andorra	high SDI
	Austria	high SDI
	Belgium	high SDI
	Cyprus	high SDI
	Denmark	high SDI
	Finland	high SDI
	France	high SDI
	Germany	high SDI
	Greece	high-middle SDI
	Iceland	high SDI
	Ireland	high SDI
	Israel	high-middle SDI
	Italy	high-middle SDI
	Luxembourg	high SDI
	Malta	high-middle SDI
	Netherlands	high SDI
	Norway	high SDI
	Portugal	high-middle SDI
	Spain	high-middle SDI
	Sweden	high SDI
	Switzerland	high SDI
	United Kingdom	high SDI
	Argentina	high-middle SDI
	Chile	high-middle SDI
	Uruguay	high-middle SDI
	Canada	high SDI
United States of America	high SDI	

	Greenland	high SDI
	Monaco	high SDI
	San Marino	high SDI
Latin America and Caribbean	Antigua and Barbuda	high-middle SDI
	Bahamas	high-middle SDI
	Barbados	high-middle SDI
	Belize	low-middle SDI
	Cuba	middle SDI
	Dominica	high-middle SDI
	Dominican Republic	middle SDI
	Grenada	middle SDI
	Guyana	middle SDI
	Haiti	low SDI
	Jamaica	middle SDI
	Saint Lucia	middle SDI
	Saint Vincent and the Grenadines	middle SDI
	Suriname	middle SDI
	Trinidad and Tobago	high-middle SDI
	Bolivia (Plurinational State of)	low-middle SDI
	Ecuador	middle SDI
	Peru	middle SDI
	Colombia	middle SDI
	Costa Rica	middle SDI
	El Salvador	low-middle SDI
	Guatemala	low-middle SDI
	Honduras	low-middle SDI
	Mexico	middle SDI
	Nicaragua	low-middle SDI
	Panama	middle SDI
	Venezuela (Bolivarian Republic of)	low-middle SDI
	Brazil	middle SDI
	Paraguay	middle SDI
	Bermuda	high SDI

	Puerto Rico	high SDI
	Saint Kitts and Nevis	high-middle SDI
	United States Virgin Islands	high SDI
North Africa and Middle East	Algeria	middle SDI
	Bahrain	high-middle SDI
	Egypt	low-middle SDI
	Iran (Islamic Republic of)	middle SDI
	Iraq	middle SDI
	Jordan	high-middle SDI
	Kuwait	high SDI
	Lebanon	high-middle SDI
	Libya	high-middle SDI
	Morocco	low-middle SDI
	Palestine	middle SDI
	Oman	high-middle SDI
	Qatar	high SDI
	Saudi Arabia	high SDI
	Syrian Arab Republic	middle SDI
	Tunisia	middle SDI
	Turkey	high-middle SDI
	United Arab Emirates	high SDI
	Yemen	low SDI
	Afghanistan	low SDI
Sudan	low-middle SDI	
South Asia	Bangladesh	low-middle SDI
	Bhutan	low-middle SDI
	India	low-middle SDI
	Nepal	low SDI
	Pakistan	low-middle SDI
Sub-Saharan Africa	Angola	low-middle SDI
	Central African Republic	low SDI
	Congo	low-middle SDI
	Democratic Republic of the Congo	low SDI

Equatorial Guinea	middle SDI
Gabon	middle SDI
Burundi	low SDI
Comoros	low-middle SDI
Djibouti	low-middle SDI
Eritrea	low SDI
Ethiopia	low SDI
Kenya	low-middle SDI
Madagascar	low SDI
Malawi	low SDI
Mozambique	low SDI
Rwanda	low SDI
Somalia	low SDI
United Republic of Tanzania	low SDI
Uganda	low SDI
Zambia	low-middle SDI
Botswana	middle SDI
Lesotho	low-middle SDI
Namibia	low-middle SDI
South Africa	middle SDI
Eswatini	low-middle SDI
Zimbabwe	low-middle SDI
Benin	low SDI
Burkina Faso	low SDI
Cameroon	low-middle SDI
Cabo Verde	low-middle SDI
Chad	low SDI
Côte d'Ivoire	low SDI
Gambia	low SDI
Ghana	low-middle SDI
Guinea	low SDI
Guinea-Bissau	low SDI
Liberia	low SDI

	Mali	low SDI
	Mauritania	low-middle SDI
	Niger	low SDI
	Nigeria	low-middle SDI
	Sao Tome and Principe	low-middle SDI
	Senegal	low SDI
	Sierra Leone	low SDI
	Togo	low SDI
	South Sudan	low SDI

¹ The SDI group classification is based on country's SDI index in 2020.

Table S3a: List of countries that fall into the incipient stage of tobacco epidemic for females

Country	Super region	SDI group in 2020
China	Southeast Asia, East Asia, and Oceania	high-middle SDI
Democratic People's Republic of Korea	Southeast Asia, East Asia, and Oceania	low-middle SDI
Taiwan (Province of China)	Southeast Asia, East Asia, and Oceania	high SDI
Indonesia	Southeast Asia, East Asia, and Oceania	middle SDI
Malaysia	Southeast Asia, East Asia, and Oceania	high-middle SDI
Sri Lanka	Southeast Asia, East Asia, and Oceania	middle SDI
Thailand	Southeast Asia, East Asia, and Oceania	middle SDI
Viet Nam	Southeast Asia, East Asia, and Oceania	middle SDI
Armenia	Central Europe, Eastern Europe, and Central Asia	middle SDI
Azerbaijan	Central Europe, Eastern Europe, and Central Asia	middle SDI
Kyrgyzstan	Central Europe, Eastern Europe, and Central Asia	low-middle SDI
Tajikistan	Central Europe, Eastern Europe, and Central Asia	low-middle SDI
Turkmenistan	Central Europe, Eastern Europe, and Central Asia	middle SDI
Uzbekistan	Central Europe, Eastern Europe, and Central Asia	middle SDI
Republic of Korea	High-income	high SDI
Bahamas	Latin America and Caribbean	high-middle SDI
Barbados	Latin America and Caribbean	high-middle SDI
Belize	Latin America and Caribbean	low-middle SDI
Guyana	Latin America and Caribbean	middle SDI
Haiti	Latin America and Caribbean	low SDI
Saint Lucia	Latin America and Caribbean	middle SDI
Saint Vincent and the Grenadines	Latin America and Caribbean	middle SDI
Ecuador	Latin America and Caribbean	middle SDI
El Salvador	Latin America and Caribbean	low-middle SDI
Guatemala	Latin America and Caribbean	low-middle SDI
Algeria	North Africa and Middle East	middle SDI
Egypt	North Africa and Middle East	low-middle SDI
Iran (Islamic Republic of)	North Africa and Middle East	middle SDI
Iraq	North Africa and Middle East	middle SDI

Kuwait	North Africa and Middle East	high SDI
Libya	North Africa and Middle East	high-middle SDI
Morocco	North Africa and Middle East	low-middle SDI
Palestine	North Africa and Middle East	middle SDI
Oman	North Africa and Middle East	high-middle SDI
Qatar	North Africa and Middle East	high SDI
Saudi Arabia	North Africa and Middle East	high SDI
Tunisia	North Africa and Middle East	middle SDI
United Arab Emirates	North Africa and Middle East	high SDI
Afghanistan	North Africa and Middle East	low SDI
Bangladesh	South Asia	low-middle SDI
India	South Asia	low-middle SDI
Angola	Sub-Saharan Africa	low-middle SDI
Central African Republic	Sub-Saharan Africa	low SDI
Congo	Sub-Saharan Africa	low-middle SDI
Democratic Republic of the Congo	Sub-Saharan Africa	low SDI
Equatorial Guinea	Sub-Saharan Africa	middle SDI
Gabon	Sub-Saharan Africa	middle SDI
Burundi	Sub-Saharan Africa	low SDI
Comoros	Sub-Saharan Africa	low-middle SDI
Eritrea	Sub-Saharan Africa	low SDI
Ethiopia	Sub-Saharan Africa	low SDI
Kenya	Sub-Saharan Africa	low-middle SDI
Madagascar	Sub-Saharan Africa	low SDI
Malawi	Sub-Saharan Africa	low SDI
Somalia	Sub-Saharan Africa	low SDI
United Republic of Tanzania	Sub-Saharan Africa	low SDI
Uganda	Sub-Saharan Africa	low SDI
Lesotho	Sub-Saharan Africa	low-middle SDI
Eswatini	Sub-Saharan Africa	low-middle SDI
Zimbabwe	Sub-Saharan Africa	low-middle SDI
Benin	Sub-Saharan Africa	low SDI

Burkina Faso	Sub-Saharan Africa	low SDI
Cameroon	Sub-Saharan Africa	low-middle SDI
Cabo Verde	Sub-Saharan Africa	low-middle SDI
Chad	Sub-Saharan Africa	low SDI
Côte d'Ivoire	Sub-Saharan Africa	low SDI
Gambia	Sub-Saharan Africa	low SDI
Ghana	Sub-Saharan Africa	low-middle SDI
Guinea	Sub-Saharan Africa	low SDI
Guinea-Bissau	Sub-Saharan Africa	low SDI
Liberia	Sub-Saharan Africa	low SDI
Mali	Sub-Saharan Africa	low SDI
Niger	Sub-Saharan Africa	low SDI
Nigeria	Sub-Saharan Africa	low-middle SDI
Sao Tome and Principe	Sub-Saharan Africa	low-middle SDI
Senegal	Sub-Saharan Africa	low SDI
Togo	Sub-Saharan Africa	low SDI
Saint Kitts and Nevis	Latin America and Caribbean	high-middle SDI
South Sudan	Sub-Saharan Africa	low SDI
Sudan	North Africa and Middle East	low-middle SDI

Table S3b: List of countries that fall into phase two of tobacco epidemic for females

Country	Super region	SDI Group in 2020
Cambodia	Southeast Asia, East Asia, and Oceania	low-middle SDI
Lao People's Democratic Republic	Southeast Asia, East Asia, and Oceania	low-middle SDI
Maldives	Southeast Asia, East Asia, and Oceania	middle SDI
Timor-Leste	Southeast Asia, East Asia, and Oceania	low SDI
Kiribati	Southeast Asia, East Asia, and Oceania	low-middle SDI
Marshall Islands	Southeast Asia, East Asia, and Oceania	low-middle SDI
Micronesia (Federated States of)	Southeast Asia, East Asia, and Oceania	low-middle SDI
Papua New Guinea	Southeast Asia, East Asia, and Oceania	low SDI
Samoa	Southeast Asia, East Asia, and Oceania	low-middle SDI
Solomon Islands	Southeast Asia, East Asia, and Oceania	low SDI
Tonga	Southeast Asia, East Asia, and Oceania	middle SDI
Vanuatu	Southeast Asia, East Asia, and Oceania	low-middle SDI
Georgia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Kazakhstan	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Mongolia	Central Europe, Eastern Europe, and Central Asia	low-middle SDI
Albania	Central Europe, Eastern Europe, and Central Asia	middle SDI
Bosnia and Herzegovina	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
North Macedonia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Romania	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Serbia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Slovenia	Central Europe, Eastern Europe, and Central Asia	high SDI
Belarus	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Lithuania	Central Europe, Eastern Europe, and Central Asia	high SDI
Republic of Moldova	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Russian Federation	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Ukraine	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Brunei Darussalam	High-income	high-middle SDI
Cyprus	High-income	high SDI
France	High-income	high SDI
Portugal	High-income	high-middle SDI
Antigua and Barbuda	Latin America and Caribbean	high-middle SDI

Dominica	Latin America and Caribbean	high-middle SDI
Dominican Republic	Latin America and Caribbean	middle SDI
Grenada	Latin America and Caribbean	middle SDI
Jamaica	Latin America and Caribbean	middle SDI
Suriname	Latin America and Caribbean	middle SDI
Trinidad and Tobago	Latin America and Caribbean	high-middle SDI
Peru	Latin America and Caribbean	middle SDI
Honduras	Latin America and Caribbean	low-middle SDI
Nicaragua	Latin America and Caribbean	low-middle SDI
Bahrain	North Africa and Middle East	high-middle SDI
Jordan	North Africa and Middle East	high-middle SDI
Lebanon	North Africa and Middle East	high-middle SDI
Syrian Arab Republic	North Africa and Middle East	middle SDI
Turkey	North Africa and Middle East	high-middle SDI
Yemen	North Africa and Middle East	low SDI
Bhutan	South Asia	low-middle SDI
Djibouti	Sub-Saharan Africa	low-middle SDI
Mauritius	Southeast Asia, East Asia, and Oceania	high-middle SDI
Mozambique	Sub-Saharan Africa	low SDI
Rwanda	Sub-Saharan Africa	low SDI
Seychelles	Southeast Asia, East Asia, and Oceania	high-middle SDI
Zambia	Sub-Saharan Africa	low-middle SDI
Botswana	Sub-Saharan Africa	middle SDI
Mauritania	Sub-Saharan Africa	low-middle SDI
American Samoa	Southeast Asia, East Asia, and Oceania	high-middle SDI
Bermuda	Latin America and Caribbean	high SDI
Niue	Southeast Asia, East Asia, and Oceania	high-middle SDI
Northern Mariana Islands	Southeast Asia, East Asia, and Oceania	high-middle SDI
Palau	Southeast Asia, East Asia, and Oceania	high-middle SDI
Puerto Rico	Latin America and Caribbean	high SDI
Tokelau	Southeast Asia, East Asia, and Oceania	middle SDI
Tuvalu	Southeast Asia, East Asia, and Oceania	low-middle SDI
United States Virgin Islands	Latin America and Caribbean	high SDI

Table S3c: List of countries that fall into phase three of tobacco epidemic for females

Country	Super region	SDI group in 2020
Bulgaria	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Croatia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Czechia	Central Europe, Eastern Europe, and Central Asia	high SDI
Hungary	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Montenegro	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Poland	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Slovakia	Central Europe, Eastern Europe, and Central Asia	high SDI
Latvia	Central Europe, Eastern Europe, and Central Asia	high SDI
Andorra	High-income	high SDI
Austria	High-income	high SDI
Belgium	High-income	high SDI
Denmark	High-income	high SDI
Germany	High-income	high SDI
Greece	High-income	high-middle SDI
Ireland	High-income	high SDI
Luxembourg	High-income	high SDI
Malta	High-income	high-middle SDI
Netherlands	High-income	high SDI
Spain	High-income	high-middle SDI
Switzerland	High-income	high SDI
Argentina	High-income	high-middle SDI
Chile	High-income	high-middle SDI
Uruguay	High-income	high-middle SDI
Cook Islands	Southeast Asia, East Asia, and Oceania	high-middle SDI
Greenland	High-income	high SDI
Monaco	High-income	high SDI
Nauru	Southeast Asia, East Asia, and Oceania	middle SDI

Table S3d: List of countries that fall into phase four of tobacco epidemic for females

Country	Super region	SDI group in 2020
Myanmar	Southeast Asia, East Asia, and Oceania	low-middle SDI
Philippines	Southeast Asia, East Asia, and Oceania	middle SDI
Fiji	Southeast Asia, East Asia, and Oceania	middle SDI
Estonia	Central Europe, Eastern Europe, and Central Asia	high SDI
Japan	High-income	high SDI
Singapore	High-income	high SDI
Australia	High-income	high SDI
New Zealand	High-income	high SDI
Finland	High-income	high SDI
Iceland	High-income	high SDI
Israel	High-income	high-middle SDI
Italy	High-income	high-middle SDI
Norway	High-income	high SDI
Sweden	High-income	high SDI
United Kingdom	High-income	high SDI
Canada	High-income	high SDI
United States of America	High-income	high SDI
Cuba	Latin America and Caribbean	middle SDI
Bolivia (Plurinational State of)	Latin America and Caribbean	low-middle SDI
Colombia	Latin America and Caribbean	middle SDI
Costa Rica	Latin America and Caribbean	middle SDI
Mexico	Latin America and Caribbean	middle SDI
Panama	Latin America and Caribbean	middle SDI
Venezuela (Bolivarian Republic of)	Latin America and Caribbean	low-middle SDI
Brazil	Latin America and Caribbean	middle SDI
Paraguay	Latin America and Caribbean	middle SDI
Nepal	South Asia	low SDI
Pakistan	South Asia	low-middle SDI
Namibia	Sub-Saharan Africa	low-middle SDI
South Africa	Sub-Saharan Africa	middle SDI
Sierra Leone	Sub-Saharan Africa	low SDI

Guam	Southeast Asia, East Asia, and Oceania	high-middle SDI
San Marino	High-income	high SDI

Table S4a: List of countries that fall into the incipient stage of tobacco epidemic for males

Country	Super region	SDI Group in 2020
Antigua and Barbuda	Latin America and Caribbean	high-middle SDI
Bahamas	Latin America and Caribbean	high-middle SDI
Dominican Republic	Latin America and Caribbean	middle SDI
Haiti	Latin America and Caribbean	low SDI
Bhutan	South Asia	low-middle SDI
Eritrea	Sub-Saharan Africa	low SDI
Ethiopia	Sub-Saharan Africa	low SDI
Uganda	Sub-Saharan Africa	low SDI
Cabo Verde	Sub-Saharan Africa	low-middle SDI
Ghana	Sub-Saharan Africa	low-middle SDI
Guinea-Bissau	Sub-Saharan Africa	low SDI
Niger	Sub-Saharan Africa	low SDI
Nigeria	Sub-Saharan Africa	low-middle SDI
Sao Tome and Principe	Sub-Saharan Africa	low-middle SDI
Togo	Sub-Saharan Africa	low SDI
Saint Kitts and Nevis	Latin America and Caribbean	high-middle SDI
United States Virgin Islands	Latin America and Caribbean	high SDI

Table S4b: List of countries that fall into the phase two of tobacco epidemic for males

Country	Super region	SDI group in 2020
Democratic People's Republic of Korea	Southeast Asia, East Asia, and Oceania	low-middle SDI
Indonesia	Southeast Asia, East Asia, and Oceania	middle SDI
Maldives	Southeast Asia, East Asia, and Oceania	middle SDI
Timor-Leste	Southeast Asia, East Asia, and Oceania	low SDI
Kiribati	Southeast Asia, East Asia, and Oceania	low-middle SDI
Marshall Islands	Southeast Asia, East Asia, and Oceania	low-middle SDI
Micronesia (Federated States of)	Southeast Asia, East Asia, and Oceania	low-middle SDI
Papua New Guinea	Southeast Asia, East Asia, and Oceania	low SDI
Samoa	Southeast Asia, East Asia, and Oceania	low-middle SDI
Solomon Islands	Southeast Asia, East Asia, and Oceania	low SDI
Armenia	Central Europe, Eastern Europe, and Central Asia	middle SDI
Azerbaijan	Central Europe, Eastern Europe, and Central Asia	middle SDI
Georgia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Kyrgyzstan	Central Europe, Eastern Europe, and Central Asia	low-middle SDI
Mongolia	Central Europe, Eastern Europe, and Central Asia	low-middle SDI
Uzbekistan	Central Europe, Eastern Europe, and Central Asia	middle SDI
Albania	Central Europe, Eastern Europe, and Central Asia	middle SDI
Bosnia and Herzegovina	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Czechia	Central Europe, Eastern Europe, and Central Asia	high SDI
North Macedonia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Montenegro	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Serbia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Slovenia	Central Europe, Eastern Europe, and Central Asia	high SDI
Belarus	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Republic of Moldova	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Austria	High-income	high SDI
Cyprus	High-income	high SDI
Portugal	High-income	high-middle SDI
Chile	High-income	high-middle SDI
Grenada	Latin America and Caribbean	middle SDI

Guyana	Latin America and Caribbean	middle SDI
Saint Lucia	Latin America and Caribbean	middle SDI
Saint Vincent and the Grenadines	Latin America and Caribbean	middle SDI
Suriname	Latin America and Caribbean	middle SDI
Trinidad and Tobago	Latin America and Caribbean	high-middle SDI
Ecuador	Latin America and Caribbean	middle SDI
Peru	Latin America and Caribbean	middle SDI
Algeria	North Africa and Middle East	middle SDI
Bahrain	North Africa and Middle East	high-middle SDI
Egypt	North Africa and Middle East	low-middle SDI
Iran (Islamic Republic of)	North Africa and Middle East	middle SDI
Iraq	North Africa and Middle East	middle SDI
Jordan	North Africa and Middle East	high-middle SDI
Kuwait	North Africa and Middle East	high SDI
Lebanon	North Africa and Middle East	high-middle SDI
Libya	North Africa and Middle East	high-middle SDI
Palestine	North Africa and Middle East	middle SDI
Oman	North Africa and Middle East	high-middle SDI
Qatar	North Africa and Middle East	high SDI
Saudi Arabia	North Africa and Middle East	high SDI
Tunisia	North Africa and Middle East	middle SDI
United Arab Emirates	North Africa and Middle East	high SDI
Yemen	North Africa and Middle East	low SDI
Afghanistan	North Africa and Middle East	low SDI
Angola	Sub-Saharan Africa	low-middle SDI
Central African Republic	Sub-Saharan Africa	low SDI
Congo	Sub-Saharan Africa	low-middle SDI
Equatorial Guinea	Sub-Saharan Africa	middle SDI
Gabon	Sub-Saharan Africa	middle SDI
Comoros	Sub-Saharan Africa	low-middle SDI
Djibouti	Sub-Saharan Africa	low-middle SDI
Malawi	Sub-Saharan Africa	low SDI
Mauritius	Southeast Asia, East Asia, and Oceania	high-middle SDI

Mozambique	Sub-Saharan Africa	low SDI
Rwanda	Sub-Saharan Africa	low SDI
Seychelles	Southeast Asia, East Asia, and Oceania	high-middle SDI
Somalia	Sub-Saharan Africa	low SDI
Zambia	Sub-Saharan Africa	low-middle SDI
Botswana	Sub-Saharan Africa	middle SDI
Lesotho	Sub-Saharan Africa	low-middle SDI
Côte d'Ivoire	Sub-Saharan Africa	low SDI
Guinea	Sub-Saharan Africa	low SDI
Mali	Sub-Saharan Africa	low SDI
Mauritania	Sub-Saharan Africa	low-middle SDI
American Samoa	Southeast Asia, East Asia, and Oceania	high-middle SDI
Bermuda	Latin America and Caribbean	high SDI
Cook Islands	Southeast Asia, East Asia, and Oceania	high-middle SDI
Greenland	High-income	high SDI
Niue	Southeast Asia, East Asia, and Oceania	high-middle SDI
Northern Mariana Islands	Southeast Asia, East Asia, and Oceania	high-middle SDI
Palau	Southeast Asia, East Asia, and Oceania	high-middle SDI
Puerto Rico	Latin America and Caribbean	high SDI
Tokelau	Southeast Asia, East Asia, and Oceania	middle SDI
Tuvalu	Southeast Asia, East Asia, and Oceania	low-middle SDI
South Sudan	Sub-Saharan Africa	low SDI

Table S4c: List of countries that fall into the phase three of tobacco epidemic for males

Country	Super region	SDI group in 2020
China	Southeast Asia, East Asia, and Oceania	high-middle SDI
Taiwan (Province of China)	Southeast Asia, East Asia, and Oceania	high SDI
Cambodia	Southeast Asia, East Asia, and Oceania	low-middle SDI
Lao People's Democratic Republic	Southeast Asia, East Asia, and Oceania	low-middle SDI
Malaysia	Southeast Asia, East Asia, and Oceania	high-middle SDI
Myanmar	Southeast Asia, East Asia, and Oceania	low-middle SDI
Philippines	Southeast Asia, East Asia, and Oceania	middle SDI
Sri Lanka	Southeast Asia, East Asia, and Oceania	middle SDI
Thailand	Southeast Asia, East Asia, and Oceania	middle SDI
Viet Nam	Southeast Asia, East Asia, and Oceania	middle SDI
Fiji	Southeast Asia, East Asia, and Oceania	middle SDI
Tonga	Southeast Asia, East Asia, and Oceania	middle SDI
Vanuatu	Southeast Asia, East Asia, and Oceania	low-middle SDI
Kazakhstan	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Bulgaria	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Croatia	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Hungary	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Poland	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Romania	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Slovakia	Central Europe, Eastern Europe, and Central Asia	high SDI
Estonia	Central Europe, Eastern Europe, and Central Asia	high SDI
Latvia	Central Europe, Eastern Europe, and Central Asia	high SDI
Lithuania	Central Europe, Eastern Europe, and Central Asia	high SDI
Russian Federation	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Ukraine	Central Europe, Eastern Europe, and Central Asia	high-middle SDI
Brunei Darussalam	High-income	high-middle SDI
Japan	High-income	high SDI
Republic of Korea	High-income	high SDI
Andorra	High-income	high SDI
France	High-income	high SDI
Germany	High-income	high SDI

Greece	High-income	high-middle SDI
Israel	High-income	high-middle SDI
Italy	High-income	high-middle SDI
Luxembourg	High-income	high SDI
Malta	High-income	high-middle SDI
Spain	High-income	high-middle SDI
Switzerland	High-income	high SDI
Argentina	High-income	high-middle SDI
Uruguay	High-income	high-middle SDI
Cuba	Latin America and Caribbean	middle SDI
Mexico	Latin America and Caribbean	middle SDI
Syrian Arab Republic	North Africa and Middle East	middle SDI
Turkey	North Africa and Middle East	high-middle SDI
Bangladesh	South Asia	low-middle SDI
Nepal	South Asia	low SDI
South Africa	Sub-Saharan Africa	middle SDI
Zimbabwe	Sub-Saharan Africa	low-middle SDI
Sierra Leone	Sub-Saharan Africa	low SDI
Guam	Southeast Asia, East Asia, and Oceania	high-middle SDI
Monaco	High-income	high SDI
Nauru	Southeast Asia, East Asia, and Oceania	middle SDI

Table S4d: List of countries that fall into the phase four of tobacco epidemic for males

Country	Super region	SDI group in 2020
Tajikistan	Central Europe, Eastern Europe, and Central Asia	low-middle SDI
Turkmenistan	Central Europe, Eastern Europe, and Central Asia	middle SDI
Singapore	High-income	high SDI
Australia	High-income	high SDI
New Zealand	High-income	high SDI
Belgium	High-income	high SDI
Denmark	High-income	high SDI
Finland	High-income	high SDI
Iceland	High-income	high SDI
Ireland	High-income	high SDI
Netherlands	High-income	high SDI
Norway	High-income	high SDI
Sweden	High-income	high SDI
United Kingdom	High-income	high SDI
Canada	High-income	high SDI
United States of America	High-income	high SDI
Barbados	Latin America and Caribbean	high-middle SDI
Belize	Latin America and Caribbean	low-middle SDI
Dominica	Latin America and Caribbean	high-middle SDI
Jamaica	Latin America and Caribbean	middle SDI
Bolivia (Plurinational State of)	Latin America and Caribbean	low-middle SDI
Colombia	Latin America and Caribbean	middle SDI
Costa Rica	Latin America and Caribbean	middle SDI
El Salvador	Latin America and Caribbean	low-middle SDI
Guatemala	Latin America and Caribbean	low-middle SDI
Honduras	Latin America and Caribbean	low-middle SDI
Nicaragua	Latin America and Caribbean	low-middle SDI
Panama	Latin America and Caribbean	middle SDI
Venezuela (Bolivarian Republic of)	Latin America and Caribbean	low-middle SDI
Brazil	Latin America and Caribbean	middle SDI
Paraguay	Latin America and Caribbean	middle SDI

Morocco	North Africa and Middle East	low-middle SDI
India	South Asia	low-middle SDI
Pakistan	South Asia	low-middle SDI
Democratic Republic of the Congo	Sub-Saharan Africa	low SDI
Burundi	Sub-Saharan Africa	low SDI
Kenya	Sub-Saharan Africa	low-middle SDI
Madagascar	Sub-Saharan Africa	low SDI
United Republic of Tanzania	Sub-Saharan Africa	low SDI
Namibia	Sub-Saharan Africa	low-middle SDI
Eswatini	Sub-Saharan Africa	low-middle SDI
Benin	Sub-Saharan Africa	low SDI
Burkina Faso	Sub-Saharan Africa	low SDI
Cameroon	Sub-Saharan Africa	low-middle SDI
Chad	Sub-Saharan Africa	low SDI
Gambia	Sub-Saharan Africa	low SDI
Liberia	Sub-Saharan Africa	low SDI
Senegal	Sub-Saharan Africa	low SDI
San Marino	High-income	high SDI
Sudan	North Africa and Middle East	low-middle SDI