

Supplementary Table 1. Country status of asbestos ban and mesothelioma identification, year of ban, and GBD-estimated age-adjusted mortality rate (MR) during all years before ban in 198 countries¹⁾

	Country	Code	Year of ban	First year of mesothelioma identification	GBD-estimated MR of mesothelioma during all years before ban (deaths per million per year)
Banned & Identified (N=48)					
1	1 Argentina	ARG	2001	1997	2-63
2	2 Australia	AUS	2003	1998	18-78
3	3 Bahrain	BHR	1996	1998	1-68
4	4 Belgium	BEL	1998	1998	10-36
5	5 Brunei Darussalam	BRN	1994	2012	3-18
6	6 Bulgaria	BGR	2005	2005	0-86
7	7 Canada	CAN	2018	2000	9-24
8	8 Chile	CHL	2001	1997	3-40
9	9 Colombia	COL	2019	1997	1-76
10	10 Croatia	HRV	2005	1995	4-05
11	11 Cyprus	CYP	2005	2004	10-07
12	12 Czechia	CZE	2005	1994	2-75
13	13 Egypt	EGY	2005	2001	0-53
14	14 Estonia	EST	2005	1997	1-53
15	15 Finland	FIN	1992	1996	8-75
16	16 France	FRA	1996	2000	10-05
17	17 Germany	DEU	1993	1998	7-87
18	18 Greece	GRC	2005	2014	3-75
19	19 Hungary	HUN	2005	1996	2-25
20	20 Iraq	IRQ	2016	2008	3-27
21	21 Ireland	IRE	2000	2007	7-83
22	22 Israel	ISR	2011	1998	4-26
23	23 Italy	ITA	1992	2003	12-65
24	24 Japan	JPN	2004	1995	3-54
25	25 Jordan	JOR	2005	2012	3-02
26	26 Kuwait	KWT	1995	2007	1-06
27	27 Latvia	LVA	2001	1996	2-09
28	28 Lithuania	LTU	2005	1998	3-08
29	29 Luxembourg	LUX	2002	1998	8-16
30	30 Malta	MLT	2005	1996	8-31
31	31 Netherlands	NLD	1991	1996	18-20
32	32 New Zealand	NZL	2002	2000	13-37
33	33 North Macedonia	MKD	2014	2006	0-83
34	34 Oman	OMN	2008	2014	4-06
35	35 Poland	POL	1997	1999	1-64
36	36 Portugal	PRT	2005	2002	1-87
37	37 Qatar	QAT	2010	2012	0-86
38	38 Republic of Korea	KOR	2009	1995	1-34
39	39 Romania	ROU	2005	1999	1-93
40	40 Saudi Arabia	SAU	1998	2009	0-54
41	41 Serbia	SRB	2011	1998	2-17
42	42 Slovakia	SVK	2005	1994	1-86
43	43 Slovenia	SVN	1996	1997	4-52
44	44 South Africa	ZAF	2008	1996	8-68
45	45 Spain	ESP	2002	1999	5-06
46	46 Turkey	TUR	2010	2009	9-16
47	47 United Kingdom	GBR	1999	2001	19-70
48	48 Uruguay	URY	2002	1997	2-19
Banned & Not-identified (N=6)					
49	1 Algeria	DZA	2009	NA	0-50
50	2 Djibouti	DJI	1999	NA	2-24
51	3 Honduras	HND	2004	NA	2-11
52	4 Monaco	MCO	2016	NA	10-05
53	5 Mozambique	MOZ	2010	NA	2-39
54	6 Taiwan (Province of China)	TWN	2010	NA	1-64
Not-banned & Identified (N=54)					
55	1 Armenia	..	NA	2006	7-97
56	2 Bahamas	..	NA	2001	2-52
57	3 Barbados	..	NA	2003	2-04
58	4 Belarus	..	NA	2018	3-71
59	5 Belize	..	NA	1997	4-83
60	6 Bermuda	..	NA	1998	6-67

61	7	Bolivia	..	NA	2000	3-80
62	8	Bosnia and Herzegovina	..	NA	2011	1-84
63	9	Brazil	..	NA	1996	3-98
64	10	Costa Rica	..	NA	1997	1-08
65	11	Cuba	..	NA	2001	1-38
66	12	Dominica	..	NA	2014	3-16
67	13	Dominican Republic	..	NA	1996	0-94
68	14	Ecuador	..	NA	1998	1-59
69	15	El Salvador	..	NA	2000	0-44
70	16	Fiji	..	NA	2008	2-27
71	17	Georgia	..	NA	1998	1-35
72	18	Grenada	..	NA	2004	4-06
73	19	Guatemala	..	NA	2006	0-88
74	20	Guyana	..	NA	2004	3-63
75	21	Iran (Islamic Republic of)	..	NA	2013	0-49
76	22	Jamaica	..	NA	2000	2-08
77	23	Kazakhstan	..	NA	2013	4-62
78	24	Kyrgyzstan	..	NA	2000	0-89
79	25	Lebanon	..	NA	2017	0-50
80	26	Libya	..	NA	2016	0-63
81	27	Malaysia	..	NA	2000	0-94
82	28	Maldives	..	NA	2011	4-26
83	29	Mauritius	..	NA	2008	0-87
84	30	Mexico	..	NA	1998	2-76
85	31	Mongolia	..	NA	2016	1-79
86	32	Montenegro	..	NA	2000	1-24
87	33	Morocco	..	NA	2000	0-53
88	34	Nicaragua	..	NA	1998	0-86
89	35	Palestine	..	NA	2008	0-60
90	36	Panama	..	NA	1998	1-03
91	37	Paraguay	..	NA	1997	1-69
92	38	Peru	..	NA	1999	3-64
93	39	Philippines	..	NA	1999	1-29
94	40	Puerto Rico	..	NA	1999	2-01
95	41	Republic of Moldova	..	NA	1996	1-11
96	42	Saint Kitts and Nevis	..	NA	2004	6-82
97	43	Saint Lucia	..	NA	2008	2-00
98	44	Singapore	..	NA	2012	4-72
99	45	Sri Lanka	..	NA	2006	2-43
100	46	Suriname	..	NA	2009	1-78
101	47	Thailand	..	NA	2012	2-52
102	48	Trinidad and Tobago	..	NA	1999	1-50
103	49	Tunisia	..	NA	2009	0-46
104	50	United Arab Emirates	..	NA	2019	0-65
105	51	United States of America	..	NA	1999	6-29
106	52	United States Virgin Islan	..	NA	2000	5-65
107	53	Uzbekistan	..	NA	2004	1-12
108	54	Venezuela	..	NA	1996	1-15
Not-banned & Not-identified (N=90)						
109	1	Afghanistan	..	NA	NA	1-10
110	2	Albania	..	NA	NA	1-23
111	3	American Samoa	..	NA	NA	3-15
112	4	Andorra	..	NA	NA	16-38
113	5	Angola	..	NA	NA	2-24
114	6	Antigua and Barbuda	..	NA	NA	1-08
115	7	Azerbaijan	..	NA	NA	1-09
116	8	Bangladesh	..	NA	NA	1-50
117	9	Benin	..	NA	NA	1-27
118	10	Bhutan	..	NA	NA	1-77
119	11	Botswana	..	NA	NA	9-85
120	12	Burkina Faso	..	NA	NA	1-09
121	13	Burundi	..	NA	NA	2-44
122	14	Cabo Verde	..	NA	NA	0-55
123	15	Cambodia	..	NA	NA	1-71
124	16	Cameroon	..	NA	NA	1-75
125	17	Central African Republic	..	NA	NA	2-96
126	18	Chad	..	NA	NA	1-09
127	19	China	..	NA	NA	1-37
128	20	Comoros	..	NA	NA	2-26
129	21	Congo	..	NA	NA	3-17
130	22	Cook Islands	..	NA	NA	1-58
131	23	Cte d'Ivoire	..	NA	NA	1-46
132	24	Democratic People's Republic of Korea	..	NA	NA	1-68

133	25	Democratic Republic of the Congo	..	NA	NA	2-18
134	26	Equatorial Guinea	..	NA	NA	2-24
135	27	Eritrea	..	NA	NA	3-02
136	28	Eswatini	..	NA	NA	11-87
137	29	Ethiopia	..	NA	NA	2-35
138	30	Gabon	..	NA	NA	3-00
139	31	Gambia	..	NA	NA	1-22
140	32	Ghana	..	NA	NA	1-81
141	33	Greenland	..	NA	NA	9-24
142	34	Guam	..	NA	NA	1-75
143	35	Guinea	..	NA	NA	1-25
144	36	Guinea-Bissau	..	NA	NA	1-89
145	37	Haiti	..	NA	NA	3-39
146	38	India	..	NA	NA	1-87
147	39	Indonesia	..	NA	NA	1-21
148	40	Kenya	..	NA	NA	2-37
149	41	Kiribati	..	NA	NA	1-46
150	42	Lao People's Democratic Republic	..	NA	NA	1-29
151	43	Lesotho	..	NA	NA	13-68
152	44	Liberia	..	NA	NA	1-12
153	45	Madagascar	..	NA	NA	1-84
154	46	Malawi	..	NA	NA	2-14
155	47	Mali	..	NA	NA	1-10
156	48	Marshall Islands	..	NA	NA	3-99
157	49	Mauritania	..	NA	NA	1-28
158	50	Micronesia (Federated Stat	..	NA	NA	3-74
159	51	Myanmar	..	NA	NA	1-72
160	52	Namibia	..	NA	NA	12-66
161	53	Nauru	..	NA	NA	3-03
162	54	Nepal	..	NA	NA	1-57
163	55	Niger	..	NA	NA	0-97
164	56	Nigeria	..	NA	NA	0-86
165	57	Niue	..	NA	NA	1-97
166	58	Northern Mariana Islands	..	NA	NA	1-35
167	59	Pakistan	..	NA	NA	1-51
168	60	Palau	..	NA	NA	1-72
169	61	Papua New Guinea	..	NA	NA	2-06
170	62	Russian Federation	..	NA	NA	2-89
171	63	Rwanda	..	NA	NA	2-81
172	64	Saint Vincent and the Gren	..	NA	NA	1-90
173	65	Samoa	..	NA	NA	2-16
174	66	San Marino	..	NA	NA	8-34
175	67	Sao Tome and Principe	..	NA	NA	1-02
176	68	Senegal	..	NA	NA	1-40
177	69	Seychelles	..	NA	NA	1-61
178	70	Sierra Leone	..	NA	NA	1-06
179	71	Solomon Islands	..	NA	NA	3-14
180	72	Somalia	..	NA	NA	2-17
181	73	South Sudan	..	NA	NA	1-63
182	74	Sudan	..	NA	NA	0-50
183	75	Syrian Arab Republic	..	NA	NA	0-58
184	76	Tajikistan	..	NA	NA	1-57
185	77	Timor-Leste	..	NA	NA	0-96
186	78	Togo	..	NA	NA	1-40
187	79	Tokelau	..	NA	NA	2-02
188	80	Tonga	..	NA	NA	1-77
189	81	Turkmenistan	..	NA	NA	2-30
190	82	Tuvalu	..	NA	NA	2-47
191	83	Uganda	..	NA	NA	1-92
192	84	Ukraine	..	NA	NA	4-43
193	85	United Republic of Tanzania	..	NA	NA	2-30
194	86	Vanuatu	..	NA	NA	3-35
195	87	Viet Nam	..	NA	NA	1-65
196	88	Yemen	..	NA	NA	0-54
197	89	Zambia	..	NA	NA	2-88
198	90	Zimbabwe	..	NA	NA	2-58

1) Six "early-banned" countries that banned asbestos in or before 1990, i.e., Austria, Denmark, Iceland, Norway, Sweden and Switzerland are precluded from this analysis and analysed separately in Table 4. See Methods for full explanaton.

See Methods for full definition of asbestos ban and mesothelioma identification.

.. : Country codes were not shown in Supplementary Figure 1; NA : Not applicable.