

Supplementary table 3:Age-Standardised Deaths rates of Leukemia for Both sex
by Country, 2021

	location	val	upper	lower	Rate_2021
1	Slovenia	4.27	4.93	3.59	4.27 (3.59-4.93)
2	Malta	3.86	4.34	3.4	3.86 (3.4-4.34)
3	Cameroon	1.41	2.06	0.72	1.41 (0.72-2.06)
4	Somalia	2.94	4.11	1.99	2.94 (1.99-4.11)
5	Bahrain	5.02	6.54	3.67	5.02 (3.67-6.54)
6	Tajikistan	2.48	3.59	1.67	2.48 (1.67-3.59)
7	Bolivia	6.46	8.62	4.46	6.46 (4.46-8.62)
8	Gabon	2.14	3.09	1.32	2.14 (1.32-3.09)
9	Congo	2.19	3.09	1.41	2.19 (1.41-3.09)
10	Kiribati	3.15	4.24	1.86	3.15 (1.86-4.24)
11	Tunisia	2.64	3.61	1.86	2.64 (1.86-3.61)
12	Lithuania	5.09	5.71	4.42	5.09 (4.42-5.71)
13	Syria	6.31	8.61	4.64	6.31 (4.64-8.61)
14	Andorra	4.5	6.2	2.95	4.5 (2.95-6.2)
15	Sweden	3.7	4.13	3.26	3.7 (3.26-4.13)
16	Seychelles	4.71	5.72	3.77	4.71 (3.77-5.72)

17	The Gambia	0.58	0.75	0.4	0.58	(0.4–0.75)
18	Belarus	4.41	5.31	3.64	4.41	(3.64–5.31)
19	Estonia	4.51	5.14	3.85	4.51	(3.85–5.14)
20	Uganda	1.87	2.56	1.23	1.87	(1.23–2.56)
21	Taiwan	3.28	3.53	3.01	3.28	(3.01–3.53)
22	Uzbekistan	2.83	3.44	2.34	2.83	(2.34–3.44)
23	Botswana	2.88	4.09	1.99	2.88	(1.99–4.09)
24	The Bahamas	3.4	4.16	2.76	3.4	(2.76–4.16)
25	Cape Verde	2.89	3.68	2.19	2.89	(2.19–3.68)
26	Ghana	1.34	1.93	0.96	1.34	(0.96–1.93)
27	Turkmenistan	2.78	3.51	2.21	2.78	(2.21–3.51)
28	Jordan	5.24	6.88	3.83	5.24	(3.83–6.88)
29	Barbados	4.84	5.93	3.8	4.84	(3.8–5.93)
30	Costa Rica	5.59	6.17	4.98	5.59	(4.98–6.17)
31	Algeria	2.57	3.35	1.85	2.57	(1.85–3.35)
32	Papua New Guinea	3.22	5.03	1.8	3.22	(1.8–5.03)

33	Turkey	5.45	6.73	4.12	5.45	(4.12–6.73)
34	Netherlands	3.96	4.29	3.58	3.96	(3.58–4.29)
35	Kuwait	2.64	3.11	2.16	2.64	(2.16–3.11)
36	Spain	3.87	4.23	3.45	3.87	(3.45–4.23)
37	Djibouti	2.6	4	1.58	2.6	(1.58–4)
38	Latvia	4.57	5.25	3.92	4.57	(3.92–5.25)
39	Northern Mariana Islands	3.56	4.21	2.72	3.56	(2.72–4.21)
40	Monaco	9.78	12.12	7.29	9.78	(7.29–12.12)
41	Bosnia and Herzegovina	3.52	4.46	2.59	3.52	(2.59–4.46)
42	Iran	5.06	5.85	3.3	5.06	(3.3–5.85)
43	Burundi	2.5	3.72	1.51	2.5	(1.51–3.72)
44	Eritrea	2.83	3.81	1.83	2.83	(1.83–3.81)
45	Tanzania	2.51	3.57	1.64	2.51	(1.64–3.57)
46	Yemen	5.78	8.37	3.21	5.78	(3.21–8.37)
47	Marshall Islands	4.19	5.76	2.78	4.19	(2.78–5.76)
48	Dominica	5.77	7.21	4.37	5.77	(4.37–7.21)

49	Austria	4.37	4.75	3.93	4.37	(3.93–4.75)
50	Norway	4.02	4.27	3.65	4.02	(3.65–4.27)
51	Cambodia	5.89	7.62	4.43	5.89	(4.43–7.62)
52	Samoa	5.11	6.86	3.82	5.11	(3.82–6.86)
53	Chile	3.45	3.69	3.17	3.45	(3.17–3.69)
54	Swaziland	3.98	5.86	2.69	3.98	(2.69–5.86)
55	Mexico	4.54	4.98	4.1	4.54	(4.1–4.98)
56	Malaysia	4.57	6.14	3.82	4.57	(3.82–6.14)
57	Dominican Republic	3.18	4.26	2.41	3.18	(2.41–4.26)
58	Ecuador	5.27	6.43	4.32	5.27	(4.32–6.43)
59	Iraq	5.8	7.51	4.41	5.8	(4.41–7.51)
60	Zambia	2.64	3.59	1.74	2.64	(1.74–3.59)
61	Bulgaria	4.67	5.62	3.82	4.67	(3.82–5.62)
62	Mali	0.8	1.11	0.53	0.8	(0.53–1.11)
63	Moldova	2.77	3.12	2.49	2.77	(2.49–3.12)
64	Palau	2.32	2.87	1.78	2.32	(1.78–2.87)

65	Bermuda	3.34	4.02	2.81	3.34	(2.81–4.02)
66	Nicaragua	3.26	3.98	2.38	3.26	(2.38–3.98)
67	Palestine	5.66	7.22	4.58	5.66	(4.58–7.22)
68	Albania	2.99	4.33	2.12	2.99	(2.12–4.33)
69	Singapore	2.52	2.71	2.32	2.52	(2.32–2.71)
70	Russian Federation	3.69	3.96	3.44	3.69	(3.44–3.96)
71	India	2.63	3.21	2.14	2.63	(2.14–3.21)
72	Argentina	4.46	4.8	4.14	4.46	(4.14–4.8)
73	United States	5.17	5.41	4.69	5.17	(4.69–5.41)
74	Malawi	0.78	1.13	0.49	0.78	(0.49–1.13)
75	Namibia	2.26	3.07	1.63	2.26	(1.63–3.07)
76	Hungary	4.86	5.8	4.11	4.86	(4.11–5.8)
77	Brazil	3.87	4.04	3.63	3.87	(3.63–4.04)
78	Belize	2.86	3.19	2.53	2.86	(2.53–3.19)
79	Senegal	1.32	1.92	0.69	1.32	(0.69–1.92)
80	Ukraine	3.53	4.51	2.66	3.53	(2.66–4.51)

81	Puerto Rico	4.16	4.87	3.42	4.16 (3.42-4.87)
82	Egypt	6.4	8.13	4.68	6.4 (4.68-8.13)
83	Switzerland	3.8	4.25	3.37	3.8 (3.37-4.25)
84	Guinea	0.41	0.62	0.25	0.41 (0.25-0.62)
85	Thailand	4.93	6.45	2.9	4.93 (2.9-6.45)
86	Solomon Islands	4.2	5.71	2.64	4.2 (2.64-5.71)
87	Tokelau	5.73	8.09	3.62	5.73 (3.62-8.09)
88	Bhutan	2.87	4.29	1.93	2.87 (1.93-4.29)
89	Niue	5.21	6.34	3.82	5.21 (3.82-6.34)
90	Maldives	2.44	3.15	1.78	2.44 (1.78-3.15)
91	Lesotho	4.35	5.82	3.19	4.35 (3.19-5.82)
92	Afghanistan	9.98	14.58	5.97	9.98 (5.97-14.58)
93	Finland	3.41	3.68	3.08	3.41 (3.08-3.68)
94	Croatia	4.74	5.63	3.96	4.74 (3.96-5.63)
95	Jamaica	3.65	4.65	2.84	3.65 (2.84-4.65)
96	Libya	6.57	8.62	4.8	6.57 (4.8-8.62)

97	Grenada	4.49	5.02	3.94	4.49	(3.94–5.02)
98	Kyrgyzstan	2.4	2.84	1.98	2.4	(1.98–2.84)
99	Angola	2.06	3.18	1.21	2.06	(1.21–3.18)
100	Macedonia	4.33	5.42	3.18	4.33	(3.18–5.42)
101	South Sudan	3.04	4.16	2	3.04	(2–4.16)
102	Tonga	2.98	3.92	2.11	2.98	(2.11–3.92)
103	France	4.93	5.44	4.4	4.93	(4.4–5.44)
104	Kenya	2.11	2.83	1.56	2.11	(1.56–2.83)
105	Czech Republic	5.11	5.88	4.37	5.11	(4.37–5.88)
106	Canada	4.43	4.78	4.01	4.43	(4.01–4.78)
107	South Africa	3.39	3.92	2.42	3.39	(2.42–3.92)
108	El Salvador	4.92	6.08	3.51	4.92	(3.51–6.08)
109	Brunei	4.23	5.12	3.11	4.23	(3.11–5.12)
110	Georgia	4.56	5.07	4.11	4.56	(4.11–5.07)
111	Tuvalu	3.81	4.79	2.55	3.81	(2.55–4.79)
112	South Korea	2.41	2.94	1.53	2.41	(1.53–2.94)

113	Japan	3.06	3.21	2.79	3.06	(2.79–3.21)
114	Mauritania	1.19	1.68	0.62	1.19	(0.62–1.68)
115	Morocco	1.15	1.46	0.81	1.15	(0.81–1.46)
116	Sudan	5.78	8.22	3.57	5.78	(3.57–8.22)
117	Ethiopia	6.81	10.5	4.8	6.81	(4.8–10.5)
118	Timor-Leste	4.43	5.84	3.29	4.43	(3.29–5.84)
119	Montenegro	4.04	5.18	3.14	4.04	(3.14–5.18)
120	Cote d'Ivoire	0.83	1.17	0.48	0.83	(0.48–1.17)
121	Benin	1.3	1.82	0.65	1.3	(0.65–1.82)
122	Niger	1.23	1.95	0.59	1.23	(0.59–1.95)
123	Zimbabwe	4.22	5.48	3.13	4.22	(3.13–5.48)
124	Uruguay	5.57	6.02	5.12	5.57	(5.12–6.02)
125	Saint Lucia	3.49	4.19	2.88	3.49	(2.88–4.19)
126	Kazakhstan	2.73	3.08	2.42	2.73	(2.42–3.08)
127	Nepal	2.91	3.97	2.16	2.91	(2.16–3.97)
128	Armenia	3.58	4.06	3.16	3.58	(3.16–4.06)

129	Serbia	4.2	5.15	3.16	4.2	(3.16–5.15)
130	Israel	5.24	5.71	4.68	5.24	(4.68–5.71)
131	San Marino	4.48	6.28	2.94	4.48	(2.94–6.28)
132	Guyana	3.28	4.13	2.52	3.28	(2.52–4.13)
133	Poland	4.72	5.13	4.3	4.72	(4.3–5.13)
134	Saudi Arabia	3.61	5.29	2.72	3.61	(2.72–5.29)
135	Mozambique	3.75	5.09	2.73	3.75	(2.73–5.09)
136	Pakistan	3.61	4.83	2.78	3.61	(2.78–4.83)
137	Panama	4.4	5.23	3.6	4.4	(3.6–5.23)
138	Romania	4.05	4.56	3.52	4.05	(3.52–4.56)
139	Sierra Leone	1.28	1.83	0.63	1.28	(0.63–1.83)
140	Rwanda	2.58	3.8	1.69	2.58	(1.69–3.8)
141	Cook Islands	1.15	1.46	0.81	1.15	(0.81–1.46)
142	Australia	4.88	5.3	4.41	4.88	(4.41–5.3)
143	Burkina Faso	1.38	1.88	0.67	1.38	(0.67–1.88)
144	Mauritius	3.22	3.38	2.99	3.22	(2.99–3.38)

145	Ireland	3.46	3.79	3.09	3.46	(3.09–3.79)
146	Lebanon	5.02	6.29	3.88	5.02	(3.88–6.29)
147	Slovakia	4.4	5.64	3.15	4.4	(3.15–5.64)
148	Saint Vincent and the Grenadines	4.36	4.95	3.83	4.36	(3.83–4.95)
149	Liberia	1.33	1.9	0.63	1.33	(0.63–1.9)
150	Central African Republic	2.38	3.25	1.5	2.38	(1.5–3.25)
151	Chad	1.4	1.96	0.75	1.4	(0.75–1.96)
152	Paraguay	4.64	5.94	3.43	4.64	(3.43–5.94)
153	North Korea	4.07	5.65	2.94	4.07	(2.94–5.65)
154	New Zealand	4.37	4.65	3.97	4.37	(3.97–4.65)
155	Antigua and Barbuda	3.82	4.05	3.58	3.82	(3.58–4.05)
156	Democratic Republic of the Congo	1.96	3.04	1.16	1.96	(1.16–3.04)
157	Mongolia	2.44	3.07	1.83	2.44	(1.83–3.07)
158	Suriname	3.31	4.29	2.46	3.31	(2.46–4.29)
159	Equatorial Guinea	1.95	3.2	1.07	1.95	(1.07–3.2)

160	Sao Tome and Principe	0.68	0.9	0.5	0.68	(0.5–0.9)
161	Cuba	3.77	4.28	3.28	3.77	(3.28–4.28)
162	Guinea-Bissau	1.62	2.18	0.91	1.62	(0.91–2.18)
163	Oman	3.04	3.86	2.3	3.04	(2.3–3.86)
164	Laos	5.09	6.71	3.7	5.09	(3.7–6.71)
165	Belgium	4.94	5.42	4.35	4.94	(4.35–5.42)
166	Comoros	2.63	3.66	1.81	2.63	(1.81–3.66)
167	Qatar	4.06	5.48	2.84	4.06	(2.84–5.48)
168	Cyprus	5.07	6.32	3.61	5.07	(3.61–6.32)
169	Nigeria	1.07	1.4	0.64	1.07	(0.64–1.4)
170	Haiti	5.93	8.4	3.93	5.93	(3.93–8.4)
171	Portugal	4.06	4.41	3.63	4.06	(3.63–4.41)
172	Peru	4.49	5.95	2.87	4.49	(2.87–5.95)
173	Indonesia	4.65	6.14	3.78	4.65	(3.78–6.14)
174	Federated States of Micronesia	4.39	5.97	2.99	4.39	(2.99–5.97)
175	United Arab Emirates	5.65	7.38	4.26	5.65	(4.26–7.38)

176	Sri Lanka	3.11	4.29	2.09	3.11	(2.09–4.29)
177	Madagascar	2.05	2.84	1.32	2.05	(1.32–2.84)
178	Germany	4.71	5.07	4.25	4.71	(4.25–5.07)
179	Togo	1.34	1.89	0.66	1.34	(0.66–1.89)
180	Denmark	5.29	5.75	4.78	5.29	(4.78–5.75)
181	Colombia	4.27	5.04	3.6	4.27	(3.6–5.04)
182	Trinidad and Tobago	3.91	4.92	3.03	3.91	(3.03–4.92)
183	Bangladesh	2.72	3.7	1.87	2.72	(1.87–3.7)
184	Fiji	5.08	6.97	2.82	5.08	(2.82–6.97)
185	Vanuatu	3.59	4.68	2.38	3.59	(2.38–4.68)
186	Guatemala	4.09	4.7	3.56	4.09	(3.56–4.7)
187	Italy	4.76	5.08	4.3	4.76	(4.3–5.08)
188	Azerbaijan	3.32	4.86	2.36	3.32	(2.36–4.86)
189	Venezuela	4.26	5.54	3.18	4.26	(3.18–5.54)
190	Nauru	5.16	7.38	3.45	5.16	(3.45–7.38)
191	American Samoa	3.63	4.48	2.75	3.63	(2.75–4.48)

192	Saint Kitts and Nevis	3.49	4.02	2.96	3.49	(2.96–4.02)
193	Virgin Islands, U. S.	2.61	3.41	1.89	2.61	(1.89–3.41)
194	China	3.42	4.26	2.51	3.42	(2.51–4.26)
195	Greece	6.25	6.65	5.77	6.25	(5.77–6.65)
196	Honduras	4.9	6.49	3.59	4.9	(3.59–6.49)
197	Myanmar	4.87	6.42	3.72	4.87	(3.72–6.42)
198	United Kingdom	4.33	4.51	3.99	4.33	(3.99–4.51)
199	Greenland	2.49	3.3	1.88	2.49	(1.88–3.3)
200	Guam	2.65	3.18	2.05	2.65	(2.05–3.18)
201	Iceland	3.93	4.36	3.46	3.93	(3.46–4.36)
202	Philippines	4.19	5.04	3.53	4.19	(3.53–5.04)
203	Luxembourg	5.31	5.9	4.75	5.31	(4.75–5.9)
204	Vietnam	2.56	3.53	1.95	2.56	(1.95–3.53)
	The average ASMR	3.729460784	4.677745098	2.86504902	3.73	(2.87–4.68)
