

Supplementary Table 1. YLL rates (per 100,000 males) for the 50-64, 65-74 and 75+ age groups at the start and the end of the trend period for the 54 selected countries

Region	Country	Period	50-64		65-74		75+	
			Start	End	Start	End	Start	End
Africa	Egypt	2000-2019	42.2	42.1	147.9	155.8	187.9	235.5
	Morocco	2000-2016	25.8	25	52.2	132.2	75.4	183.2
	South Africa	2000-2015	225.9	288.3	668.3	1108.8	1353.9	2089.1
Asia	Israel	2000-2018	172.4	92.8	729.3	490	1799.4	1292.3
	Japan	2000-2018	84.8	66	498.4	392.7	1078.4	1011.3
	Malaysia	2000-2014	32.4	46.6	97	185.8	107.6	322.6
	Republic of Korea	2000-2019	41.1	48.9	232.6	266.9	498.6	880
	Thailand	2000-2019	27.3	80.7	69.4	295	108.4	471.9
Europe								
Europe - Eastern	Hungary	2000-2019	297.7	251.8	1185.4	1009.2	2322.7	1924.1
	Poland	2000-2018	252.1	308.4	1042.5	1306.3	1859.9	2547.9
	Republic of Moldova	2000-2018	129	246.2	301.3	806.2	366.4	989.6
	Romania	2000-2018	170.5	215.1	686.4	943.7	1264.9	1604.7
	Slovakia	2000-2014	260.1	347.1	1080.9	1225.3	2224.1	2682.9
Europe - Northern	Denmark	2000-2018	336.6	227.4	1791.6	1234.6	3111.4	2952.4
	Estonia	2000-2019	339.7	313.9	1427.9	2003.5	2619.4	2984.4
	Finland	2000-2018	298.7	252.8	1323.4	991.4	2717.9	2049.4
	Latvia	2000-2018	360.9	204.1	1154.4	1765.7	1672.1	3725.3
	Lithuania	2000-2019	347.3	391.5	1230.7	1465.3	2212.5	2778.9
	Norway	2000-2016	419.3	238.2	2096.1	1022.8	3556.5	2996.9
	Sweden	2000-2018	370.1	233.4	1918.2	1120.5	3804.8	2908
	United Kingdom	2001-2016	287.5	243.6	1253.7	1081	2564.3	2402.8
Europe - Southern	Croatia	2000-2017	189.1	268.2	981.5	1041.8	2059.5	2407.2
	Italy	2003-2017	184.7	133	783.4	619	1916.4	1427.2
	Serbia	2000-2017	168.7	184	628.4	775.4	873.9	1387.5
	Slovenia	2000-2019	242	196.8	1304.5	1231.1	2581.8	2936.1
	Spain	2000-2017	203.8	162.2	934.8	713.4	2292.7	1715.7
Europe - Western	Austria	2002-2019	275.8	177.3	1216.6	865.6	2457.6	1950.4
	Belgium	2000-2016	219.1	181.7	1024.5	829.8	2334.4	1772.5
	France	2000-2016	259.9	175.7	1201.3	778.5	2657.7	2029.7
	Germany	2000-2018	308	216.8	1105.4	1030.4	2420.9	2178.9
	Netherlands	2000-2018	255.1	197.6	1322.5	1096	2769.4	2427.4
	Switzerland	2000-2017	305.8	168.4	1457.4	987.5	3284.6	2415.4
Latin America and the Caribbean								
Caribbean	Cuba	2001-2017	457.7	457.6	1976.4	2304	3737.7	4810.5
	Jamaica	2000-2014	738.9	607.9	3076.7	3090.1	5146.1	6018.2
	Martinique	2000-2016	478.4	549.3	2106.5	2061.6	6948.2	4005.4
	Puerto Rico	2000-2017	245.7	261	1171.7	1143	3305.9	2416.9
Central America	Costa Rica	2000-2019	158.6	225.1	1430.9	878.3	3893.7	2579.1
	El Salvador	2000-2015	101	105.9	565.9	307.9	1083	757
	Mexico	2000-2017	223.2	186.1	1048.8	913.1	2141.5	1978.2
	Nicaragua	2000-2018	113.3	122.4	732.3	770.5	1498.5	1310.8
South America	Panama	2000-2017	385.4	193.3	1561.1	1691.5	4285.6	2961.3
	Argentina	2000-2018	257.7	208.1	1232.2	1018.7	2532.8	1941.8
	Brazil	2000-2018	208.8	221.5	1025	1065.8	2093.5	2522.7
	Chile	2000-2018	203.9	246.3	1308.7	1290.8	3709	3080.7
	Colombia	2000-2017	265.2	207.7	1238	948.5	2712.7	2302.6
	Ecuador	2000-2017	232.4	171.9	1161.8	746.6	2418.9	2148.9
	Paraguay	2000-2017	157.4	267.9	908.5	950.1	1753.1	2161.5
	Peru	2000-2017	144.1	119.6	859.1	579.5	1771.5	1547.4
	Uruguay	2000-2017	425	195.6	1395.5	1324.7	3448.3	3071.5
Venezuela	2000-2014	293.3	353.9	1626.2	1460.8	3370.4	3749.6	
Northern America	Canada	2000-2017	233	193.2	1259.2	767.6	2627.8	1882.2
	US	2000-2017	225	221.1	1076.8	807.1	2231.5	1593.8
Oceania	Australia	2000-2018	260.3	197.3	1501.1	948	2986.9	2144.5
	New Zealand	2000-2016	314.9	238	1888.5	850.6	3144.1	2344.1

Supplementary Table 2. Age-standardized YLL rates (per 100,000 males) in 2020.

Continent	Region	Country	PYLL/100,000	95% CI
Africa	Eastern Africa	Burundi	1,127	(1093, 1162)
		Comoros	922	(830, 1022)
		Ethiopia	302	(297, 307)
		Eritrea	309	(285, 335)
		Djibouti	346	(303, 394)
		Kenya	954	(939, 969)
		Madagascar	1,049	(1031, 1067)
		Malawi	677	(654, 699)
		Mauritius	547	(514, 581)
		Mozambique	941	(923, 960)
		Reunion	621	(581, 663)
		Rwanda	1,154	(1125, 1183)
		Somalia	527	(510, 545)
		Zimbabwe	1,258	(1224, 1292)
		South Sudan	590	(569, 613)
		Uganda	1,009	(989, 1029)
	United Republic of Tanzania	843	(829, 856)	
	Zambia	1,444	(1408, 1481)	
	Middle Africa	Angola	918	(899, 938)
		Cameroon	1,028	(1008, 1049)
		Central African Republic	813	(769, 860)
		Chad	723	(701, 746)
		Congo	981	(936, 1027)
		Democratic Republic of the Congo	1,157	(1146, 1169)
		Equatorial Guinea	806	(727, 892)
		Gabon	594	(548, 643)
	Sao Tome and Principe	693	(520, 904)	
	Northern Africa	Algeria	242	(238, 247)
		Libya	242	(227, 258)
		Morocco	329	(323, 336)
		Sudan	231	(225, 238)
		Tunisia	196	(189, 204)
		Egypt	188	(184, 191)
	Western Africa	Cabo Verde	950	(835, 1075)
Benin		850	(824, 876)	
Gambia		210	(180, 244)	
Ghana		685	(671, 700)	

1				
2				
3				
4		Guinea	666	(640, 693)
5		Côte d'Ivoire	1,071	(1052, 1091)
6				
7		Liberia	1,012	(969, 1056)
8		Mali	528	(509, 546)
9		Mauritania	682	(645, 720)
10				
11		Niger	163	(154, 171)
12		Nigeria	924	(918, 931)
13		Guinea-Bissau	620	(556, 690)
14		Senegal	618	(598, 638)
15		Sierra Leone	619	(590, 649)
16		Togo	698	(668, 729)
17		Burkina Faso	778	(754, 802)
18				
19				
20		Southern Africa		
21		Botswana	669	(623, 718)
22		Lesotho	599	(553, 648)
23		Namibia	1,022	(960, 1086)
24		South Africa	830	(820, 839)
25		Eswatini	761	(679, 851)
26	Asia	Central Asia		
27		Kazakhstan	324	(316, 334)
28		Kyrgyzstan	171	(158, 185)
29		Tajikistan	80	(72, 88)
30		Turkmenistan	186	(173, 201)
31		Uzbekistan	210	(204, 216)
32				
33		Eastern Asia		
34		Japan	236	(234, 237)
35		Dem. People's Republic of Korea	65	(61, 68)
36		Republic of Korea	183	(180, 186)
37		Mongolia	69	(57, 83)
38		South-Eastern Asia		
39		Brunei Darussalam	208	(161, 264)
40		Myanmar	68	(65, 71)
41		Cambodia	90	(84, 97)
42		Indonesia	179	(177, 181)
43		Lao People's Democratic Republic	72	(64, 81)
44		Malaysia	260	(255, 266)
45		Philippines	311	(306, 315)
46		Timor-Leste	104	(82, 129)
47		Singapore	398	(386, 411)
48		Viet Nam	262	(258, 265)
49		Thailand	263	(260, 266)
50				
51		Southern Asia		
52		Afghanistan	181	(174, 188)
53		Bangladesh	100	(98, 101)
54		Bhutan	38	(24, 56)
55		Sri Lanka	151	(147, 156)
56		India	138	(137, 138)
57		Iran (Islamic Republic of)	396	(391, 400)
58		Maldives	196	(148, 254)
59				
60				

1				
2				
3				
4		Nepal	60	(57, 64)
5		Pakistan	163	(160, 165)
6		Western Asia		
7		Azerbaijan	196	(186, 205)
8		Bahrain	126	(98, 159)
9		Armenia	786	(758, 815)
10		Cyprus	571	(541, 604)
11		Georgia	594	(574, 613)
12		State of Palestine	231	(211, 253)
13		Iraq	169	(162, 175)
14		Israel	388	(377, 399)
15		Jordan	177	(166, 188)
16		Kuwait	178	(156, 201)
17		Lebanon	409	(394, 424)
18		Oman	379	(353, 405)
19		Qatar	247	(209, 290)
20		Saudi Arabia	76	(72, 80)
21		Syrian Arab Republic	278	(268, 288)
22		United Arab Emirates	157	(142, 174)
23		Turkey	482	(477, 486)
24		Yemen	68	(64, 73)
25				
26				
27				
28				
29	Europe	Eastern Europe		
30		Bulgaria	600	(588, 613)
31		Belarus	660	(646, 674)
32		Czechia	559	(549, 569)
33		Hungary	675	(663, 687)
34		Republic of Moldova	654	(633, 677)
35		Poland	866	(860, 873)
36		Romania	528	(521, 536)
37		Russian Federation	654	(651, 658)
38		Slovakia	967	(947, 986)
39		Ukraine	562	(556, 568)
40				
41				
42		Northern Europe		
43		Denmark	815	(800, 831)
44		Estonia	1,074	(1033, 1115)
45		Finland	531	(519, 544)
46		Iceland	702	(642, 767)
47		Ireland	511	(496, 526)
48		Latvia	993	(960, 1027)
49		Lithuania	986	(959, 1015)
50		Norway	697	(682, 712)
51		Sweden	733	(722, 744)
52		United Kingdom	622	(618, 626)
53				
54				
55				
56		Southern Europe		
57		Albania	519	(500, 539)
58		Bosnia and Herzegovina	559	(541, 577)
59		Croatia	655	(638, 672)
60		Greece	428	(420, 436)

1					
2					
3					
4		Italy	313	(310, 316)	
5		Malta	479	(438, 523)	
6		Montenegro	696	(648, 747)	
7		Portugal	517	(508, 526)	
8		Serbia	536	(525, 547)	
9		Slovenia	721	(698, 745)	
10		Spain	390	(386, 394)	
11		North Macedonia	708	(680, 735)	
12					
13					
14		Western Europe			
15		Austria	507	(497, 517)	
16		Belgium	466	(458, 475)	
17		France	442	(439, 446)	
18		Germany	585	(582, 589)	
19		Luxembourg	449	(411, 489)	
20		Netherlands	628	(620, 635)	
21		Switzerland	488	(478, 498)	
22					
23	Latin America and the Caribbean	Caribbean			
24		Bahamas	1,665	(1540, 1798)	
25		Barbados	2,805	(2665, 2951)	
26		Cuba	1,340	(1324, 1355)	
27		Dominican Republic	1,952	(1927, 1978)	
28		Guadeloupe	697	(646, 752)	
29		Haiti	1,502	(1474, 1530)	
30		Jamaica	2,079	(2032, 2126)	
31		Martinique	967	(903, 1034)	
32		Puerto Rico	663	(643, 683)	
33		Saint Lucia	1,924	(1761, 2099)	
34		Trinidad and Tobago	1,773	(1716, 1832)	
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45		Central America			
46		Belize	1,155	(1035, 1285)	
47		Costa Rica	541	(524, 559)	
48		El Salvador	361	(346, 376)	
49		Guatemala	630	(615, 645)	
50		Honduras	937	(913, 961)	
51		Mexico	559	(555, 564)	
52		Nicaragua	577	(555, 599)	
53		Panama	852	(827, 879)	
54					
55					
56		South America			
57		Argentina	570	(564, 576)	
58		Bolivia (Plurinational State of)	584	(570, 599)	
59		Brazil	714	(711, 718)	
60		Chile	724	(714, 734)	

		Colombia	649	(643, 656)
		Ecuador	610	(599, 621)
		French Guiana	989	(858, 1135)
		Guyana	1,185	(1110, 1265)
		Paraguay	893	(870, 916)
		Peru	534	(527, 541)
		Suriname	994	(911, 1083)
		Uruguay	835	(811, 859)
		Venezuela (Bolivarian Republic of)	1,076	(1064, 1088)
Oceania	Australia/New Zealand	Australia	535	(529, 542)
		New Zealand	684	(667, 701)
	Melanesia	Solomon Islands	832	(740, 931)
		Fiji	515	(462, 573)
		New Caledonia	440	(371, 519)
		Vanuatu	251	(177, 345)
		Papua New Guinea	607	(583, 632)
	Micronesia	Guam	673	(571, 788)
	Polynesia	French Polynesia	1,271	(1156, 1394)
	Polynesia	Samoa	504	(391, 640)
North America		Canada	474	(469, 479)
		United States of America	485	(483, 487)