

eTable 13. Years lived with disability for 1990 and 2019 and percentage changes of age-standardized rates by location for spinal cord injury, 1990–2019

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Global	3748672 (2702778 to 4951850)	6200809 (4465317 to 8156193)	77 (56 to 101)	76 (55 to 100)	-1.5% (-5.6% to 3.3%)
High-income	885050 (632972 to 1135187)	1210171 (857173 to 1553079)	86 (62 to 111)	84 (59 to 108)	-2.8% (-4.7% to -1.1%)
High-income North America	383372 (273104 to 493551)	543327 (382768 to 696793)	123 (87 to 159)	113 (80 to 146)	-7.7% (-10.4% to -4.8%)
Canada	16435 (11771 to 21451)	27394 (19406 to 35536)	54 (39 to 70)	54 (38 to 70)	0.8% (-7.1% to 9.1%)
Greenland	89 (65 to 114)	91 (64 to 116)	169 (121 to 213)	139 (98 to 176)	-17.6% (-22% to -12.8%)
United States of America	366838 (261078 to 473846)	515833 (364639 to 661820)	130 (93 to 169)	120 (85 to 155)	-7.8% (-10.6% to -4.8%)
Australasia	19732 (13765 to 25937)	33799 (23765 to 44013)	91 (63 to 120)	97 (68 to 127)	6.7% (0.8% to 13%)
Australia	16039 (11183 to 21253)	27954 (19462 to 36495)	88 (61 to 117)	95 (66 to 124)	7% (-0.2% to 14.6%)
New Zealand	3693 (2583 to 4832)	5845 (4127 to 7620)	102 (71 to 134)	109 (77 to 143)	6.5% (0% to 13.5%)
High-income Asia Pacific	171547 (120968 to 220202)	226816 (161070 to 292262)	87 (62 to 112)	83 (58 to 107)	-5.3% (-7.9% to -2.6%)
Brunei Darussalam	127 (90 to 165)	234 (164 to 302)	58 (42 to 74)	50 (35 to 65)	-12.6% (-19.7% to -5.1%)
Japan	141594 (100178 to 182978)	177770 (125301 to 229752)	94 (66 to 122)	93 (66 to 121)	-0.8% (-3.5% to 1.9%)
Republic of Korea	28128 (19849 to 36057)	44931 (31441 to 58697)	65 (46 to 83)	62 (43 to 81)	-4.5% (-12.2% to 4.1%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Singapore	1697 (1193 to 2200)	3881 (2727 to 5081)	53 (37 to 69)	53 (37 to 70)	0.4% (-8.2% to 9.1%)
Western Europe	279889 (197802 to 361524)	362292 (259168 to 466837)	62 (44 to 81)	63 (45 to 82)	1.4% (-2.3% to 5.2%)
Andorra	38 (27 to 50)	76 (54 to 99)	63 (45 to 83)	67 (48 to 88)	6.5% (-2.1% to 15.3%)
Austria	5901 (4157 to 7675)	7418 (5264 to 9570)	64 (45 to 85)	63 (44 to 81)	-2.6% (-10.4% to 6.2%)
Belgium	7661 (5439 to 9989)	10894 (7676 to 14182)	65 (46 to 85)	72 (51 to 95)	10.9% (1.9% to 20.4%)
Cyprus	461 (331 to 602)	943 (661 to 1242)	57 (41 to 74)	59 (41 to 78)	3.9% (-4.9% to 13.6%)
Denmark	3584 (2531 to 4695)	4168 (2926 to 5448)	58 (41 to 75)	58 (40 to 75)	0% (-9.2% to 10.4%)
Finland	4795 (3379 to 6195)	6140 (4337 to 8023)	82 (57 to 106)	85 (59 to 112)	3.1% (-5% to 12.3%)
France	44198 (31606 to 57539)	58574 (41243 to 76394)	66 (47 to 86)	67 (47 to 88)	0.9% (-7% to 9.7%)
Germany	53226 (38070 to 70139)	65939 (46825 to 86203)	55 (39 to 73)	58 (40 to 76)	4.3% (-4.6% to 13.4%)
Greece	7006 (4919 to 9093)	7380 (5230 to 9569)	58 (41 to 76)	55 (39 to 73)	-5% (-13.1% to 3.3%)
Iceland	152 (107 to 200)	247 (175 to 324)	58 (41 to 76)	60 (42 to 80)	4% (-4.8% to 13.7%)
Ireland	1985 (1414 to 2614)	3395 (2405 to 4422)	54 (39 to 72)	59 (42 to 77)	8.3% (-0.6% to 17.8%)
Israel	2599 (1868 to 3382)	6892 (4598 to 10405)	55 (39 to 71)	73 (48 to 111)	33.1% (8.1% to 83.4%)
Italy	40412 (28984 to 52258)	44023 (31605 to 56655)	59 (42 to 76)	52 (37 to 68)	-10.7% (-13.9% to -6.8%)
Luxembourg	295 (209 to 385)	495 (353 to 644)	65 (46 to 85)	64 (45 to 83)	-2.4% (-10.8% to 5.8%)
Malta	232 (164 to 306)	370 (261 to 483)	58 (41 to 76)	65 (46 to 86)	12.7% (3.7% to 23.3%)
Monaco	47 (33 to 62)	67 (47 to 88)	116 (81 to 153)	132 (91 to 177)	13.9% (6.8% to 21.4%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Netherlands	8074 (5744 to 10507)	11974 (8526 to 15625)	47 (33 to 61)	52 (37 to 68)	10.1% (0.5% to 19.8%)
Norway	6642 (4671 to 8561)	9426 (6643 to 12304)	129 (91 to 169)	134 (94 to 177)	3.8% (0.3% to 7.8%)
Portugal	6969 (4907 to 9277)	6283 (4459 to 8202)	62 (44 to 84)	43 (30 to 56)	-31.5% (-39.4% to -24.1%)
San Marino	33 (23 to 44)	58 (40 to 76)	123 (87 to 163)	137 (95 to 181)	10.7% (3.9% to 18%)
Spain	23321 (16596 to 30399)	34473 (24458 to 44862)	53 (38 to 70)	57 (40 to 75)	6.1% (-4.5% to 17.5%)
Sweden	14031 (9879 to 18292)	18973 (13417 to 24808)	131 (92 to 172)	139 (96 to 184)	5.6% (-0.2% to 11.3%)
Switzerland	6683 (4699 to 8775)	8610 (6048 to 11261)	80 (57 to 105)	74 (51 to 97)	-8.2% (-15.9% to -0.1%)
United Kingdom	41311 (29390 to 53200)	55158 (39439 to 71101)	63 (45 to 81)	65 (46 to 85)	4% (0.7% to 7.2%)
Southern Latin America	30510 (22019 to 39520)	43936 (31118 to 56649)	63 (46 to 82)	60 (42 to 78)	-4.8% (-14.1% to 2.9%)
Argentina	21112 (15060 to 28261)	29214 (20449 to 37642)	65 (47 to 87)	60 (42 to 78)	-7.3% (-19.2% to 3.5%)
Chile	7238 (5210 to 9296)	12222 (8740 to 15961)	58 (42 to 74)	59 (42 to 76)	1.4% (-7.4% to 10.5%)
Uruguay	2159 (1561 to 2790)	2499 (1787 to 3231)	66 (48 to 85)	64 (46 to 83)	-3.2% (-11.3% to 6.3%)
Central Europe, Eastern Europe, and Central Asia	444671 (316403 to 564756)	407384 (290705 to 526194)	100 (71 to 127)	82 (58 to 106)	-18% (-21.9% to -10.7%)
Eastern Europe	271646 (192682 to 347314)	219534 (156030 to 282875)	108 (76 to 138)	85 (60 to 109)	-21.4% (-25.1% to -15.4%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Belarus	10900 (7733 to 13970)	9342 (6561 to 12215)	95 (67 to 121)	78 (55 to 102)	-17.1% (-23.2% to -11.3%)
Estonia	1886 (1327 to 2431)	1225 (867 to 1610)	107 (76 to 138)	74 (52 to 97)	-31.1% (-36.6% to -25.5%)
Latvia	3483 (2489 to 4452)	1823 (1280 to 2382)	115 (82 to 147)	75 (52 to 98)	-35.2% (-40.3% to -29.8%)
Lithuania	4346 (3095 to 5557)	3002 (2125 to 3902)	107 (76 to 137)	82 (57 to 107)	-23.5% (-29.2% to -17.6%)
Republic of Moldova	4120 (2959 to 5252)	3227 (2279 to 4171)	90 (65 to 114)	71 (50 to 92)	-21.1% (-27.6% to -14.2%)
Russian Federation	184998 (131132 to 235248)	156702 (111813 to 202955)	111 (78 to 141)	87 (62 to 112)	-21.5% (-25.9% to -15%)
Ukraine	61912 (43941 to 79689)	44214 (31275 to 57074)	104 (74 to 133)	82 (58 to 106)	-21% (-27.4% to -13.3%)
Central Europe	134251 (96558 to 170285)	132314 (94264 to 171655)	100 (72 to 127)	92 (65 to 119)	-8.4% (-13% to -2%)
Albania	2910 (2092 to 3738)	3007 (2094 to 3962)	99 (71 to 127)	93 (65 to 123)	-6.2% (-15.9% to 8.6%)
Bosnia and Herzegovina	4834 (3424 to 6442)	6377 (3687 to 12037)	101 (72 to 135)	156 (90 to 302)	54.5% (11.7% to 130.8%)
Bulgaria	9803 (6941 to 12610)	7357 (5223 to 9532)	99 (70 to 127)	86 (61 to 112)	-12.6% (-19% to -6.2%)
Croatia	5550 (3949 to 7139)	5690 (4019 to 7402)	99 (70 to 128)	102 (73 to 134)	3.4% (-5.4% to 16.5%)
Czechia	12202 (8618 to 15787)	13522 (9535 to 17554)	105 (75 to 136)	99 (70 to 130)	-5.7% (-11.9% to 1.4%)
Hungary	11949 (8547 to 15269)	10581 (7521 to 13774)	99 (70 to 127)	85 (60 to 112)	-13.9% (-20.6% to -6.4%)
Montenegro	587 (418 to 757)	657 (462 to 856)	91 (64 to 117)	88 (62 to 115)	-2.5% (-8.6% to 4.4%)
North Macedonia	1697 (1189 to 2167)	2107 (1487 to 2725)	81 (57 to 104)	81 (57 to 105)	-1.1% (-9.3% to 7.5%)
Poland	40801 (29267 to 51706)	43601 (30773 to 56420)	100 (71 to 126)	89 (63 to 115)	-11.1% (-15.6% to -6.8%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Romania	26357 (18966 to 33675)	19666 (14015 to 25656)	104 (75 to 133)	82 (58 to 107)	-21.2% (-27.4% to -14.7%)
Serbia	9405 (6815 to 12082)	10185 (7050 to 14487)	90 (65 to 115)	98 (67 to 141)	9.4% (-8.5% to 47%)
Slovakia	5560 (3928 to 7110)	6544 (4662 to 8499)	99 (70 to 127)	95 (67 to 123)	-4.8% (-11.4% to 2%)
Slovenia	2596 (1853 to 3396)	3019 (2147 to 3976)	117 (83 to 153)	109 (77 to 143)	-6.7% (-12.9% to -0.5%)
Central Asia	38774 (28022 to 49649)	55536 (39430 to 73018)	64 (46 to 81)	58 (42 to 76)	-8.1% (-16.7% to 8%)
Armenia	5198 (3146 to 8491)	2673 (1793 to 3841)	157 (95 to 255)	76 (52 to 108)	-51.6% (-60% to -40.6%)
Azerbaijan	3604 (2571 to 4580)	6274 (4363 to 8767)	54 (39 to 69)	54 (38 to 75)	0.7% (-14.3% to 25.7%)
Georgia	3591 (2566 to 4613)	3053 (2133 to 4063)	62 (44 to 79)	73 (50 to 98)	18.4% (2.9% to 47.1%)
Kazakhstan	10394 (7403 to 13230)	11569 (8175 to 14962)	66 (47 to 84)	60 (42 to 78)	-9.5% (-17.4% to -1.5%)
Kyrgyzstan	2318 (1672 to 2968)	3234 (2302 to 4195)	61 (44 to 77)	52 (37 to 67)	-14.5% (-22.7% to -5.2%)
Mongolia	951 (688 to 1200)	2105 (1497 to 2698)	55 (40 to 70)	60 (43 to 77)	8.6% (-1.2% to 18.7%)
Tajikistan	2367 (1683 to 3005)	7748 (4353 to 15772)	58 (42 to 73)	88 (50 to 175)	51.2% (-5.1% to 195.3%)
Turkmenistan	1498 (1072 to 1913)	2455 (1756 to 3185)	50 (36 to 63)	48 (35 to 62)	-2.9% (-13.2% to 10.6%)
Uzbekistan	8854 (6375 to 11451)	16425 (11580 to 21093)	53 (37 to 68)	49 (35 to 63)	-6.8% (-15.5% to 2.3%)
Latin America and Caribbean	332236 (236429 to 446580)	502465 (360265 to 641612)	99 (71 to 129)	82 (59 to 105)	-16.8% (-23.3% to -11.6%)
Central Latin America	152900 (104937 to 229866)	200134 (142895 to 262800)	110 (77 to 157)	79 (56 to 103)	-28.2% (-36.5% to -22.5%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Colombia	21868 (15273 to 29497)	30489 (20572 to 44447)	76 (54 to 100)	60 (40 to 87)	-20.9% (-31.5% to -5.8%)
Costa Rica	1189 (848 to 1554)	2299 (1621 to 3010)	46 (33 to 59)	45 (32 to 59)	-1.7% (-9.7% to 6.7%)
El Salvador	14593 (4794 to 41290)	7025 (3524 to 16079)	280 (95 to 763)	117 (58 to 272)	-58.1% (-65.7% to -38.1%)
Guatemala	9339 (3905 to 23409)	10479 (6703 to 18661)	129 (58 to 318)	69 (43 to 127)	-46.5% (-61.2% to -19%)
Honduras	1644 (1189 to 2093)	4760 (3333 to 6327)	46 (33 to 58)	54 (38 to 72)	18.6% (2.3% to 42.6%)
Mexico	83476 (60063 to 105507)	120381 (86536 to 154329)	123 (89 to 155)	94 (68 to 121)	-23.5% (-26.3% to -20.8%)
Nicaragua	10677 (3015 to 31127)	7105 (3061 to 17891)	279 (85 to 785)	122 (51 to 309)	-56.3% (-62.6% to -38.9%)
Panama	1175 (776 to 2105)	1936 (1346 to 2667)	54 (37 to 92)	46 (32 to 63)	-15.1% (-33.7% to -0.8%)
Venezuela (Bolivarian Republic of)	8941 (6413 to 11455)	15660 (11076 to 20541)	55 (40 to 70)	53 (37 to 69)	-4.6% (-14.9% to 8%)
Andean Latin America	17534 (11289 to 29299)	26820 (18760 to 38361)	52 (35 to 82)	43 (30 to 62)	-17.2% (-29.5% to -6.2%)
Bolivia (Plurinational State of)	1861 (1329 to 2351)	3779 (2690 to 4811)	36 (26 to 45)	34 (24 to 44)	-4.1% (-14.5% to 7.3%)
Ecuador	3868 (2730 to 5003)	7139 (5143 to 9248)	47 (33 to 60)	42 (30 to 54)	-10.4% (-20.6% to 0.7%)
Peru	11805 (6784 to 23027)	15903 (10527 to 25226)	59 (36 to 108)	46 (31 to 73)	-21.7% (-35.3% to -6.6%)
Caribbean	14906 (10845 to 18906)	38262 (24729 to 57334)	47 (34 to 59)	78 (50 to 117)	66% (24.4% to 140%)
Antigua and Barbuda	21 (15 to 27)	39 (28 to 51)	36 (26 to 47)	39 (28 to 50)	7% (-3.7% to 18.9%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Bahamas	84 (60 to 107)	158 (113 to 204)	35 (25 to 45)	38 (27 to 49)	7.3% (-4.3% to 19.8%)
Barbados	88 (64 to 112)	124 (89 to 159)	34 (25 to 43)	35 (25 to 45)	2.7% (-8.5% to 14.3%)
Belize	59 (42 to 77)	173 (126 to 226)	41 (30 to 53)	45 (33 to 58)	8.6% (-1.2% to 19.7%)
Bermuda	50 (36 to 65)	69 (49 to 89)	76 (54 to 98)	81 (58 to 105)	7% (-1.8% to 16.5%)
Cuba	5056 (3569 to 6436)	6504 (4662 to 8469)	46 (33 to 58)	45 (32 to 59)	-2.1% (-10.9% to 8.4%)
Dominica	24 (17 to 32)	32 (23 to 42)	36 (26 to 48)	42 (30 to 54)	15.1% (-0.4% to 32.9%)
Dominican Republic	2235 (1614 to 2834)	4755 (3410 to 6125)	38 (28 to 48)	44 (32 to 57)	15.7% (4.1% to 28.6%)
Grenada	37 (23 to 70)	48 (33 to 62)	49 (31 to 89)	42 (30 to 56)	-13.7% (-40% to 12.3%)
Guyana	260 (189 to 331)	328 (235 to 416)	39 (28 to 49)	43 (30 to 54)	10.3% (-1.2% to 22.8%)
Haiti	1824 (1321 to 2337)	18498 (8950 to 34403)	35 (25 to 44)	158 (77 to 294)	354.7% (143.5% to 723.4%)
Jamaica	786 (568 to 1021)	1076 (769 to 1376)	38 (27 to 49)	36 (26 to 46)	-5.2% (-16.3% to 5.6%)
Puerto Rico	3152 (2227 to 4050)	4044 (2883 to 5316)	87 (61 to 112)	88 (62 to 116)	1.7% (-7.9% to 14.7%)
Saint Kitts and Nevis	25 (18 to 31)	50 (35 to 64)	68 (49 to 86)	74 (52 to 96)	9.5% (-1.6% to 21.3%)
Saint Lucia	42 (30 to 54)	78 (57 to 100)	37 (27 to 47)	39 (28 to 50)	6.4% (-4.5% to 18.9%)
Saint Vincent and the Grenadines	32 (23 to 40)	47 (33 to 60)	35 (25 to 44)	38 (27 to 48)	8.8% (-2.7% to 22.4%)
Suriname	160 (108 to 261)	249 (178 to 326)	45 (30 to 70)	41 (29 to 54)	-8.7% (-31.4% to 7.7%)
Trinidad and Tobago	390 (278 to 506)	606 (436 to 779)	35 (25 to 45)	38 (27 to 49)	8% (-4% to 21%)
United States Virgin Islands	84 (61 to 106)	88 (63 to 113)	80 (58 to 101)	70 (50 to 90)	-12.5% (-19.5% to -4.7%)
Tropical Latin America	146895 (104835 to 186002)	237248 (169890 to 302343)	111 (80 to 140)	97 (69 to 124)	-12.9% (-16.6% to -9%)
Brazil	145402 (103654 to 184192)	234431 (167899 to 298702)	113 (81 to 142)	98 (70 to 126)	-12.8% (-16.6% to -8.8%)
Paraguay	1494 (1070 to 1924)	2818 (2022 to 3605)	46 (33 to 59)	42 (30 to 53)	-9.7% (-19% to 0.3%)

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Southeast Asia, East Asia, and Oceania	1002681 (732643 to 1259197)	1805371 (1289643 to 2309733)	65 (48 to 82)	69 (50 to 89)	6.6% (0.1% to 12.2%)
East Asia	742342 (531641 to 940603)	1388823 (979243 to 1793841)	65 (46 to 82)	72 (51 to 94)	11.1% (5% to 16.9%)
China	731470 (523591 to 926331)	1373726 (968118 to 1774815)	66 (47 to 84)	74 (52 to 96)	11.4% (5.2% to 17.3%)
Democratic People's Republic of Korea	4753 (3395 to 6097)	7008 (5007 to 9073)	24 (17 to 30)	23 (16 to 29)	-5.3% (-16.1% to 6.9%)
Taiwan (Province of China)	6119 (4255 to 8025)	8089 (5746 to 10379)	31 (22 to 41)	25 (18 to 32)	-19.9% (-28.7% to -10.2%)
Southeast Asia	258828 (180465 to 372095)	412470 (297995 to 546543)	65 (46 to 89)	59 (43 to 77)	-9.3% (-22.4% to -0.7%)
Cambodia	13370 (3463 to 42654)	10238 (5454 to 22190)	137 (41 to 421)	67 (35 to 146)	-51.2% (-67.5% to -7.9%)
Indonesia	138111 (102139 to 173454)	210217 (153290 to 266273)	89 (66 to 111)	79 (57 to 99)	-11.5% (-17.9% to -6%)
Lao People's Democratic Republic	1114 (814 to 1425)	2208 (1612 to 2785)	34 (25 to 43)	34 (25 to 43)	-0.3% (-11.3% to 13%)
Malaysia	5366 (3824 to 6836)	11627 (8356 to 15152)	37 (26 to 47)	36 (26 to 47)	-1% (-11.4% to 9.7%)
Maldives	44 (32 to 57)	164 (116 to 219)	29 (21 to 36)	32 (23 to 42)	12% (-3% to 28.5%)
Mauritius	622 (444 to 798)	1072 (778 to 1385)	60 (43 to 77)	69 (50 to 89)	16.5% (6.5% to 28.1%)
Myanmar	18809 (10422 to 43265)	33553 (21725 to 50386)	50 (29 to 108)	61 (40 to 90)	21.5% (-27.4% to 83.6%)
Philippines	26715 (16967 to 47094)	43970 (30346 to 63181)	51 (33 to 84)	43 (30 to 61)	-16.1% (-31.3% to -5.4%)
Seychelles	43 (31 to 54)	81 (58 to 104)	67 (49 to 85)	70 (50 to 89)	4.2% (-5.1% to 13.7%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Sri Lanka	10662 (6172 to 20907)	24070 (12260 to 51620)	64 (39 to 120)	102 (51 to 222)	58.3% (18.7% to 104.8%)
Thailand	23282 (16627 to 29397)	31982 (23052 to 41443)	44 (32 to 56)	36 (26 to 47)	-18.5% (-27.3% to -8.7%)
Timor-Leste	1261 (429 to 3464)	1479 (569 to 3897)	167 (60 to 449)	143 (55 to 377)	-13.8% (-21% to -3.4%)
Viet Nam	19083 (14045 to 24179)	41271 (29846 to 53245)	35 (26 to 45)	39 (28 to 50)	10.7% (-0.9% to 22.5%)
Oceania	1511 (1114 to 1906)	4077 (2923 to 5215)	30 (22 to 37)	36 (26 to 46)	21.8% (9.6% to 35.9%)
American Samoa	24 (17 to 31)	37 (27 to 48)	64 (46 to 81)	70 (50 to 90)	9.8% (-1.8% to 25.5%)
Cook Islands	11 (8 to 15)	15 (10 to 19)	70 (50 to 91)	72 (50 to 93)	2.5% (-8.3% to 14.2%)
Fiji	172 (123 to 221)	261 (188 to 336)	26 (19 to 33)	28 (21 to 37)	9% (-2.8% to 23.3%)
Guam	79 (57 to 103)	119 (85 to 153)	65 (47 to 84)	66 (48 to 85)	1.8% (-6.7% to 10.4%)
Kiribati	13 (9 to 16)	24 (18 to 32)	20 (14 to 25)	22 (16 to 29)	13.4% (-3.8% to 34.3%)
Marshall Islands	9 (6 to 11)	15 (11 to 20)	28 (20 to 35)	28 (21 to 36)	2.3% (-8.9% to 13.9%)
Micronesia (Federated States of)	21 (15 to 27)	29 (21 to 37)	28 (20 to 35)	30 (22 to 39)	9.9% (-3.7% to 25%)
Nauru	4 (3 to 6)	5 (4 to 7)	53 (39 to 68)	58 (42 to 76)	9.8% (-1.2% to 21.3%)
Niue	1 (1 to 1)	1 (1 to 1)	53 (38 to 68)	62 (45 to 81)	17.5% (4.5% to 32%)
Northern Mariana Islands	29 (21 to 38)	36 (26 to 47)	71 (51 to 92)	70 (51 to 91)	-1.5% (-9.6% to 7.2%)
Palau	10 (7 to 13)	17 (12 to 22)	72 (51 to 93)	78 (56 to 101)	9% (-2.3% to 21.4%)
Papua New Guinea	882 (641 to 1113)	2956 (2106 to 3811)	28 (20 to 35)	36 (26 to 46)	29.8% (12.9% to 50.1%)
Samoa	37 (26 to 47)	79 (54 to 108)	29 (21 to 37)	42 (29 to 57)	44.1% (19% to 79.9%)
Solomon Islands	75 (54 to 99)	175 (126 to 225)	30 (22 to 39)	32 (23 to 41)	7.7% (-5.6% to 21.6%)
Tokelau	1 (1 to 1)	1 (1 to 1)	53 (38 to 67)	60 (43 to 77)	13.5% (2% to 25.3%)
Tonga	20 (14 to 26)	25 (18 to 32)	27 (19 to 35)	27 (20 to 36)	1.7% (-11.3% to 16.3%)

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Tuvalu	4 (3 to 5)	6 (5 to 8)	50 (36 to 63)	56 (41 to 72)	13.4% (1.5% to 27%)
Vanuatu	34 (24 to 46)	84 (59 to 112)	29 (20 to 38)	33 (24 to 44)	15.3% (0.2% to 31.9%)
North Africa and Middle East	304143 (139079 to 722558)	564189 (289631 to 1229092)	97 (48 to 219)	92 (48 to 199)	-5.4% (-27.6% to 12.3%)
North Africa and Middle East	304143 (139079 to 722558)	564189 (289631 to 1229092)	97 (48 to 219)	92 (48 to 199)	-5.4% (-27.6% to 12.3%)
Afghanistan	76762 (9561 to 311279)	98889 (26400 to 287537)	694 (91 to 2785)	342 (87 to 1016)	-50.7% (-67.5% to 33%)
Algeria	8738 (6214 to 11266)	21542 (14186 to 32871)	45 (32 to 57)	50 (33 to 76)	12.2% (-11.6% to 62.6%)
Bahrain	191 (136 to 251)	716 (501 to 939)	40 (29 to 52)	39 (28 to 51)	-2.1% (-13.7% to 11.7%)
Egypt	14451 (10269 to 18383)	28971 (20531 to 37521)	31 (22 to 39)	31 (22 to 40)	0.7% (-11.7% to 16.9%)
Iran (Islamic Republic of)	58541 (29148 to 128645)	58925 (36923 to 97182)	122 (63 to 265)	63 (40 to 102)	-48.3% (-62.5% to -29.6%)
Iraq	59709 (18003 to 169919)	106419 (35020 to 295453)	370 (113 to 1039)	265 (90 to 729)	-28.6% (-37.1% to -18.4%)
Jordan	973 (690 to 1251)	3679 (2567 to 4814)	36 (25 to 45)	34 (24 to 45)	-3.2% (-14.6% to 11.5%)
Kuwait	810 (547 to 1160)	2655 (1727 to 4220)	50 (34 to 68)	52 (34 to 80)	4.4% (-10.2% to 21%)
Lebanon	10077 (2378 to 32728)	7227 (2416 to 20570)	322 (78 to 1057)	135 (45 to 386)	-58.1% (-63.8% to -41.5%)
Libya	2072 (1260 to 3768)	7366 (3820 to 15730)	60 (39 to 98)	100 (52 to 215)	67.9% (21.6% to 123.9%)
Morocco	10116 (7230 to 13770)	15820 (11427 to 20411)	47 (34 to 63)	43 (31 to 55)	-9.1% (-21.4% to 2.7%)

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Oman	739 (530 to 954)	2116 (1481 to 2770)	48 (35 to 62)	44 (31 to 58)	-7.8% (-17.9% to 4.1%)
Palestine	5353 (1742 to 14840)	13321 (4255 to 37063)	283 (97 to 746)	309 (100 to 843)	9.3% (-5.8% to 17.9%)
Qatar	255 (183 to 323)	1525 (1072 to 2024)	57 (41 to 71)	47 (33 to 61)	-17.5% (-26.8% to -8.3%)
Saudi Arabia	8009 (5687 to 10303)	28027 (19946 to 36763)	66 (48 to 85)	71 (50 to 92)	6.2% (-3.8% to 16.6%)
Sudan	12460 (8534 to 19490)	31938 (20436 to 55444)	79 (56 to 116)	96 (63 to 164)	22.2% (5.5% to 42.6%)
Syrian Arab Republic	6334 (2931 to 15535)	56665 (16102 to 159728)	59 (31 to 139)	403 (113 to 1150)	579.2% (218.2% to 1263.6%)
Tunisia	2730 (1975 to 3497)	4717 (3406 to 6139)	39 (28 to 50)	37 (26 to 48)	-5.7% (-16% to 5.6%)
Turkey	18251 (13258 to 23147)	40162 (27330 to 56767)	35 (25 to 45)	44 (30 to 62)	24.2% (3.7% to 55.5%)
United Arab Emirates	880 (633 to 1129)	5464 (3826 to 7080)	48 (35 to 61)	43 (31 to 55)	-11.1% (-21.3% to -1.1%)
Yemen	6487 (3619 to 13350)	27471 (12186 to 66369)	59 (36 to 109)	101 (46 to 238)	70.7% (18.8% to 131.1%)
South Asia	494741 (363959 to 612135)	1076209 (779951 to 1354932)	56 (42 to 70)	63 (46 to 79)	11.9% (7.6% to 17%)
South Asia	494741 (363959 to 612135)	1076209 (779951 to 1354932)	56 (42 to 70)	63 (46 to 79)	11.9% (7.6% to 17%)
Bangladesh	32876 (23818 to 42290)	77231 (55316 to 100459)	40 (29 to 51)	50 (36 to 64)	24% (11% to 38.2%)
Bhutan	201 (144 to 251)	399 (292 to 506)	45 (32 to 56)	55 (40 to 69)	22.8% (10.6% to 37.1%)

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
India	425838 (312874 to 527008)	887447 (644356 to 1112943)	61 (45 to 75)	66 (48 to 82)	8% (4.1% to 11.6%)
Nepal	6953 (5034 to 8814)	18091 (12597 to 24724)	47 (34 to 58)	64 (45 to 87)	37.6% (17.1% to 70.8%)
Pakistan	28874 (21063 to 36036)	93040 (65998 to 127413)	35 (26 to 44)	51 (36 to 67)	42.7% (25.2% to 72.6%)
Sub-Saharan Africa	285149 (188516 to 479224)	635020 (432096 to 1003966)	75 (52 to 119)	77 (54 to 119)	3.6% (-1% to 8%)
Southern Sub-Saharan Africa	31705 (22957 to 40483)	41857 (29959 to 52588)	75 (54 to 95)	56 (40 to 71)	-25.2% (-30.8% to -21.5%)
Botswana	561 (412 to 719)	1274 (907 to 1617)	56 (41 to 71)	57 (41 to 72)	1.6% (-7.7% to 11%)
Eswatini	321 (232 to 406)	514 (364 to 646)	57 (41 to 71)	52 (37 to 65)	-9% (-17.2% to -1%)
Lesotho	788 (562 to 993)	984 (707 to 1254)	55 (39 to 68)	50 (36 to 63)	-8.8% (-18.1% to 1.3%)
Namibia	1241 (695 to 2583)	1421 (1015 to 1872)	104 (62 to 200)	68 (49 to 91)	-34.3% (-58.3% to -9.7%)
South Africa	24873 (17886 to 31878)	31489 (22407 to 39715)	81 (58 to 103)	57 (41 to 71)	-29.5% (-35.4% to -25.5%)
Zimbabwe	3920 (2824 to 5003)	6175 (4495 to 7836)	54 (38 to 68)	51 (37 to 64)	-5.5% (-13.4% to 4%)
Western Sub-Saharan Africa	92325 (67628 to 115005)	248091 (181695 to 324936)	67 (49 to 84)	76 (55 to 98)	12.7% (7.9% to 22.6%)
Benin	2223 (1613 to 2804)	6408 (4564 to 8217)	70 (51 to 88)	75 (54 to 95)	6.9% (-1.8% to 15.3%)
Burkina Faso	3910 (2830 to 4923)	11871 (8646 to 14957)	60 (44 to 76)	77 (56 to 96)	27.4% (17.5% to 38.4%)
Cabo Verde	172 (123 to 217)	381 (274 to 483)	66 (48 to 83)	72 (52 to 92)	9.3% (-0.1% to 18.9%)

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Cameroon	5866 (4309 to 7377)	17898 (12839 to 23285)	82 (60 to 103)	83 (60 to 106)	1.3% (-7.4% to 11.4%)
Chad	4323 (2513 to 8625)	8833 (6084 to 13034)	95 (59 to 174)	87 (61 to 127)	-8.5% (-28.9% to 13.2%)
Côte d'Ivoire	5561 (3972 to 6998)	14737 (10567 to 18642)	68 (49 to 84)	75 (54 to 94)	10.8% (2% to 21%)
Gambia	487 (342 to 711)	1107 (798 to 1405)	71 (51 to 97)	68 (50 to 86)	-4.5% (-20% to 7.7%)
Ghana	7883 (5582 to 9921)	22174 (15891 to 28290)	74 (53 to 93)	86 (62 to 109)	16.2% (7.7% to 24.7%)
Guinea	3086 (2202 to 3879)	6731 (4870 to 8518)	68 (49 to 85)	76 (56 to 96)	11.3% (2.1% to 21.5%)
Guinea-Bissau	541 (393 to 678)	1184 (852 to 1523)	76 (55 to 95)	83 (61 to 106)	9.6% (-0.1% to 23.1%)
Liberia	1189 (810 to 1884)	3991 (2373 to 7994)	77 (54 to 113)	105 (63 to 203)	37.1% (7.1% to 82%)
Mali	4043 (2894 to 5063)	13001 (8825 to 20343)	66 (47 to 83)	88 (62 to 138)	33.8% (10.1% to 88.8%)
Mauritania	1351 (979 to 1701)	2685 (1935 to 3434)	92 (67 to 116)	89 (64 to 114)	-2.8% (-9.4% to 4.2%)
Niger	3532 (2571 to 4467)	10196 (7356 to 12935)	68 (50 to 85)	73 (53 to 92)	6.6% (-1.7% to 16%)
Nigeria	41034 (29577 to 51422)	107235 (77703 to 141553)	62 (45 to 78)	69 (50 to 89)	11.4% (5% to 25.7%)
Sao Tome and Principe	67 (48 to 85)	145 (103 to 185)	78 (56 to 98)	88 (63 to 112)	13.4% (4.8% to 21.6%)
Senegal	3421 (2430 to 4303)	8308 (6023 to 10410)	66 (47 to 84)	74 (54 to 92)	10.9% (3.2% to 21.2%)
Sierra Leone	1766 (1285 to 2206)	6286 (4171 to 10476)	65 (48 to 81)	101 (67 to 167)	55.4% (19% to 138.8%)
Togo	1867 (1351 to 2362)	4915 (3518 to 6243)	77 (55 to 97)	79 (57 to 99)	2.5% (-4.9% to 10.6%)
Eastern Sub-Saharan Africa	137377 (79383 to 292137)	279864 (176063 to 502643)	89 (55 to 175)	90 (57 to 161)	1.1% (-10.4% to 8.8%)

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Burundi	1295 (929 to 1654)	29623 (9258 to 84723)	31 (23 to 39)	306 (98 to 849)	883.9% (217.8% to 2582.5%)
Comoros	334 (246 to 421)	678 (490 to 855)	99 (72 to 125)	106 (77 to 133)	7.2% (-0.2% to 14.6%)
Djibouti	297 (215 to 375)	952 (678 to 1230)	88 (64 to 111)	91 (65 to 117)	3.2% (-6.4% to 15.6%)
Eritrea	12654 (3458 to 39163)	9577 (4639 to 23553)	444 (132 to 1272)	183 (90 to 458)	-58.8% (-68.2% to -30.2%)
Ethiopia	34524 (16633 to 80823)	56868 (30373 to 121962)	75 (40 to 161)	72 (39 to 155)	-4.2% (-17.5% to 20%)
Kenya	5256 (3826 to 6541)	15246 (11075 to 20379)	33 (24 to 41)	36 (27 to 47)	11.1% (2% to 31.2%)
Madagascar	7170 (5120 to 8972)	17061 (12159 to 21638)	83 (59 to 103)	82 (59 to 104)	-0.5% (-8.3% to 8.6%)
Malawi	4380 (3111 to 5585)	9618 (6811 to 12315)	62 (45 to 79)	70 (50 to 87)	11.8% (3.4% to 21%)
Mozambique	21792 (9745 to 57111)	20719 (14681 to 29422)	196 (97 to 475)	102 (72 to 150)	-48% (-69.8% to -14.4%)
Rwanda	4886 (3490 to 6178)	25354 (11173 to 61782)	93 (67 to 117)	242 (109 to 579)	159.4% (28.5% to 491.7%)
Somalia	5141 (2845 to 14541)	16214 (10017 to 30965)	91 (54 to 224)	106 (67 to 192)	16.4% (-38.5% to 74.2%)
South Sudan	5006 (3293 to 8245)	9635 (5876 to 18305)	111 (77 to 173)	136 (87 to 248)	22.8% (4.4% to 47%)
Uganda	18110 (8333 to 46907)	26128 (18352 to 37337)	125 (62 to 297)	93 (65 to 134)	-25.7% (-56.4% to 17.9%)
United Republic of Tanzania	13056 (9286 to 16460)	32929 (23333 to 41503)	70 (51 to 88)	78 (56 to 99)	11.5% (3.6% to 20.7%)

Location	YLD				
	Numbers (95% UI)		Age-standardized rates per 100,000 (95% UI)		Percentage change of age-standardized rates (95% UI)
	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Zambia	3375 (2402 to 4242)	9038 (6509 to 11379)	61 (44 to 75)	66 (48 to 83)	9.1% (0.3% to 18.6%)
Central Sub-Saharan Africa	23742 (12722 to 50625)	65208 (33786 to 145484)	50 (29 to 97)	62 (33 to 135)	25.3% (8.7% to 40.1%)
Angola	14892 (5002 to 40955)	18968 (8592 to 46506)	150 (55 to 393)	89 (40 to 218)	-40.7% (-48.1% to -25.2%)
Central African Republic	469 (339 to 604)	4095 (1737 to 10241)	22 (16 to 28)	79 (36 to 189)	263.5% (71.3% to 729%)
Congo	460 (331 to 594)	3607 (1642 to 8799)	24 (18 to 31)	75 (35 to 177)	208.6% (54.6% to 598.3%)
Democratic Republic of the Congo	7603 (5389 to 9605)	37780 (20750 to 78035)	27 (19 to 33)	53 (30 to 104)	99.1% (25.4% to 273.4%)
Equatorial Guinea	80 (57 to 100)	293 (209 to 379)	24 (18 to 31)	26 (19 to 34)	7.6% (-5.1% to 22.1%)
Gabon	237 (173 to 302)	465 (335 to 599)	30 (22 to 38)	30 (22 to 38)	-0.7% (-11.6% to 11.4%)

Abbreviations: YLDs, years lived with disability; UI, uncertainty interval