

eTable 10. Years lived with disability for 1990 and 2019 and percentage changes of age-standardized rates by location for traumatic brain 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)
<b>Global</b>	3953933 (2777811 to 5334853)	7076902 (4997948 to 9588098)	86 (61 to 117)	87 (61 to 117)	0.1% (-1% to 1.3%)
<b>High-income</b>	1014882 (712991 to 1373593)	1360583 (957111 to 1837205)	96 (67 to 130)	88 (61 to 118)	-8.9% (-10.1% to -7.7%)
<b>High-income North America</b>	245962 (171414 to 333811)	342093 (241165 to 461325)	78 (54 to 106)	69 (48 to 93)	-11.5% (-13% to -9.8%)
Canada	34042 (23793 to 46540)	58904 (41426 to 79662)	110 (77 to 151)	107 (75 to 144)	-3.2% (-6.9% to 0.8%)
Greenland	36 (25 to 50)	37 (26 to 49)	73 (51 to 99)	56 (39 to 75)	-23.1% (-26.6% to -19.5%)
United States of America	211878 (147546 to 287094)	283146 (199948 to 381051)	75 (52 to 101)	65 (45 to 87)	-13.5% (-15.1% to -11.9%)
<b>Australasia</b>	35580 (25007 to 48065)	62658 (44000 to 84416)	162 (114 to 219)	166 (115 to 225)	2.2% (-0.7% to 5.4%)
Australia	28806 (20192 to 38986)	51733 (36213 to 69985)	157 (110 to 212)	162 (112 to 220)	2.8% (-0.6% to 6.5%)
New Zealand	6774 (4757 to 9172)	10925 (7716 to 14864)	186 (131 to 252)	187 (132 to 254)	0.8% (-2.2% to 4.3%)
<b>High-income Asia Pacific</b>	165215 (115479 to 223728)	222787 (156099 to 301904)	84 (59 to 114)	76 (53 to 104)	-9.5% (-11.4% to -7.7%)
Brunei Darussalam	214 (150 to 295)	408 (287 to 557)	110 (77 to 148)	94 (67 to 128)	-13.9% (-17.4% to -10.5%)
Japan	112943 (78986 to 152999)	131214 (91583 to 177340)	73 (51 to 99)	61 (43 to 83)	-16.3% (-17.7% to -14.9%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Republic of Korea	49224 (34429 to 66793)	84408 (58733 to 115371)	121 (85 to 165)	111 (78 to 152)	-8.5% (-12% to -4.9%)
Singapore	2834 (1964 to 3874)	6757 (4714 to 9192)	94 (65 to 128)	92 (64 to 125)	-2.3% (-6.4% to 1.8%)
<b>Western Europe</b>	521859 (366129 to 707104)	655051 (458429 to 881035)	110 (77 to 149)	100 (70 to 136)	-8.8% (-10.8% to -6.7%)
Andorra	72 (50 to 97)	153 (107 to 208)	124 (87 to 168)	126 (88 to 170)	1.5% (-2.4% to 5.6%)
Austria	12269 (8528 to 16668)	14826 (10349 to 20156)	127 (88 to 173)	112 (78 to 151)	-12% (-15.6% to -8.1%)
Belgium	15634 (10923 to 21080)	22555 (15827 to 30372)	125 (88 to 170)	132 (91 to 178)	4.9% (0.8% to 9.2%)
Cyprus	826 (581 to 1120)	1721 (1213 to 2332)	102 (72 to 138)	104 (73 to 141)	1.7% (-3.1% to 6.2%)
Denmark	7755 (5449 to 10493)	8047 (5630 to 10829)	116 (81 to 156)	99 (69 to 135)	-14.1% (-18% to -9.9%)
Finland	9497 (6674 to 12879)	12214 (8542 to 16578)	155 (109 to 211)	146 (101 to 198)	-6.2% (-9.9% to -2.4%)
France	92736 (65233 to 125053)	122822 (85860 to 166276)	132 (93 to 178)	122 (85 to 165)	-7.7% (-11.7% to -3.9%)
Germany	110220 (77245 to 149618)	135464 (94583 to 183616)	108 (75 to 146)	102 (71 to 139)	-4.9% (-8.9% to -0.4%)
Greece	14192 (9960 to 19169)	14822 (10382 to 20098)	113 (79 to 152)	99 (69 to 135)	-12.1% (-15.9% to -8.2%)
Iceland	286 (201 to 388)	453 (317 to 610)	107 (75 to 145)	103 (71 to 139)	-4.3% (-8.4% to 0%)
Ireland	3737 (2589 to 5076)	6046 (4161 to 8182)	101 (70 to 137)	99 (68 to 134)	-1.7% (-6.4% to 3%)
Israel	4397 (3066 to 5955)	9508 (6760 to 13018)	93 (65 to 126)	96 (68 to 131)	3.1% (-2.3% to 8.9%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Italy	86061 (60155 to 116787)	93736 (66044 to 126346)	118 (82 to 160)	96 (67 to 131)	-18.3% (-20% to -16.5%)
Luxembourg	615 (432 to 829)	963 (676 to 1301)	131 (92 to 177)	115 (80 to 156)	-12% (-15.4% to -8.3%)
Malta	408 (287 to 553)	699 (489 to 938)	101 (71 to 136)	111 (78 to 149)	10% (5.2% to 14.8%)
Monaco	22 (16 to 30)	29 (20 to 39)	51 (36 to 69)	51 (36 to 70)	0.3% (-5% to 5.3%)
Netherlands	15909 (11173 to 21703)	25119 (17756 to 33892)	90 (63 to 123)	96 (68 to 130)	6.8% (2.1% to 11.5%)
Norway	3324 (2336 to 4499)	3921 (2761 to 5272)	63 (44 to 85)	53 (37 to 71)	-15.8% (-17.6% to -13.8%)
Portugal	12329 (8677 to 16672)	12024 (8572 to 16421)	105 (74 to 142)	72 (51 to 99)	-30.8% (-34.4% to -27.3%)
San Marino	16 (11 to 21)	24 (17 to 32)	57 (40 to 77)	53 (37 to 72)	-7.1% (-11.7% to -2.6%)
Spain	50036 (35096 to 67824)	65877 (45969 to 89448)	110 (77 to 149)	97 (68 to 133)	-11.9% (-16.4% to -7.3%)
Sweden	6247 (4389 to 8442)	7003 (4895 to 9443)	56 (40 to 76)	48 (34 to 65)	-14.1% (-17.9% to -10.1%)
Switzerland	13892 (9797 to 18811)	17102 (12059 to 23120)	158 (111 to 214)	130 (90 to 175)	-17.9% (-21.3% to -14.3%)
United Kingdom	60948 (42742 to 82260)	79351 (55900 to 107435)	87 (61 to 118)	85 (59 to 115)	-1.8% (-3.6% to 0%)
<b>Southern Latin America</b>	46267 (32375 to 62358)	77994 (55135 to 105285)	97 (68 to 131)	104 (74 to 141)	7.5% (4.2% to 11%)
Argentina	31020 (21788 to 41792)	50115 (35459 to 67528)	96 (68 to 130)	102 (72 to 137)	6.1% (1.8% to 10.5%)
Chile	11380 (7906 to 15406)	23074 (16248 to 30963)	95 (66 to 128)	107 (75 to 144)	12.8% (8.4% to 17.2%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Uruguay	3865 (2698 to 5241)	4802 (3353 to 6507)	115 (80 to 156)	116 (81 to 158)	1.2% (-3% to 5.6%)
<b>Central Europe, Eastern Europe, and Central Asia</b>	943958 (661605 to 1277133)	913700 (644818 to 1239156)	208 (146 to 282)	173 (122 to 235)	-16.9% (-17.9% to -15.9%)
<b>Eastern Europe</b>	604907 (424334 to 817583)	536447 (376708 to 725229)	233 (164 to 316)	193 (136 to 261)	-17.4% (-18.5% to -16.3%)
Belarus	23518 (16376 to 32097)	22096 (15455 to 29994)	198 (138 to 271)	173 (121 to 235)	-12.8% (-15.6% to -9.9%)
Estonia	4277 (2978 to 5809)	2784 (1953 to 3788)	235 (164 to 319)	154 (107 to 210)	-34.6% (-37% to -32.1%)
Latvia	8038 (5651 to 10926)	4361 (3084 to 5934)	255 (179 to 347)	161 (114 to 220)	-36.9% (-39.1% to -34.7%)
Lithuania	10053 (7071 to 13649)	7172 (5059 to 9771)	242 (170 to 328)	177 (124 to 241)	-26.7% (-29.1% to -24.2%)
Republic of Moldova	8505 (5924 to 11540)	6673 (4694 to 9089)	185 (129 to 252)	138 (98 to 189)	-25.4% (-27.9% to -22.7%)
Russian Federation	415551 (290189 to 561463)	387145 (272036 to 522377)	243 (170 to 329)	200 (141 to 271)	-17.5% (-18.8% to -16.1%)
Ukraine	134965 (95231 to 182486)	106217 (74659 to 143539)	216 (152 to 293)	181 (127 to 245)	-16.1% (-18.6% to -13.5%)
<b>Central Europe</b>	278598 (195451 to 377346)	289346 (203891 to 392223)	204 (143 to 276)	185 (130 to 251)	-9.2% (-10.6% to -7.7%)
Albania	4883 (3432 to 6644)	5913 (4153 to 8047)	174 (122 to 236)	174 (122 to 238)	0.2% (-3.5% to 3.6%)
Bosnia and Herzegovina	7424 (5249 to 10029)	7966 (5840 to 10686)	158 (112 to 213)	180 (131 to 242)	14% (9.5% to 19.8%)
Bulgaria	20529 (14452 to 27707)	16763 (11871 to 22686)	196 (137 to 266)	178 (125 to 241)	-9.3% (-12.3% to -6.3%)
Croatia	13018 (9165 to 17568)	13031 (9190 to 17543)	225 (158 to 303)	210 (147 to 284)	-6.7% (-10% to -3.7%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Czechia	27847 (19624 to 37900)	30328 (21306 to 41027)	232 (163 to 315)	204 (142 to 277)	-11.8% (-14.7% to -8.7%)
Hungary	27345 (19336 to 37321)	24110 (16879 to 32515)	216 (152 to 295)	175 (123 to 238)	-18.9% (-21.9% to -15.9%)
Montenegro	1188 (833 to 1615)	1451 (1015 to 1975)	184 (129 to 250)	184 (129 to 250)	0.1% (-3.1% to 3.1%)
North Macedonia	3138 (2192 to 4235)	4402 (3104 to 5938)	153 (107 to 206)	161 (113 to 217)	5.7% (2.1% to 9.1%)
Poland	86522 (60412 to 116964)	101897 (71521 to 138435)	208 (145 to 282)	193 (135 to 262)	-7.5% (-9.4% to -5.7%)
Romania	49979 (35005 to 67925)	43079 (30195 to 58391)	192 (133 to 261)	165 (115 to 223)	-14% (-16.8% to -11.2%)
Serbia	18768 (13173 to 25405)	19024 (13534 to 25615)	175 (123 to 238)	167 (118 to 226)	-4.9% (-8.8% to -0.6%)
Slovakia	11979 (8428 to 16274)	14550 (10196 to 19759)	212 (149 to 288)	198 (138 to 270)	-6.4% (-9.3% to -3.2%)
Slovenia	5978 (4228 to 8143)	6831 (4851 to 9290)	263 (186 to 359)	223 (157 to 303)	-15.4% (-18% to -12.6%)
<b>Central Asia</b>	60453 (42819 to 81137)	87908 (62104 to 118441)	104 (74 to 140)	96 (68 to 129)	-7.9% (-9.8% to -6%)
Armenia	5275 (3906 to 6815)	3855 (2879 to 5035)	162 (121 to 210)	107 (80 to 139)	-34.2% (-39.4% to -29.5%)
Azerbaijan	5777 (3992 to 7870)	9254 (6507 to 12554)	91 (63 to 123)	82 (57 to 111)	-9.9% (-14.1% to -5.4%)
Georgia	6836 (4788 to 9279)	5528 (3927 to 7487)	115 (81 to 156)	122 (86 to 164)	5.7% (1% to 9.9%)
Kazakhstan	17806 (12422 to 24221)	22119 (15369 to 29968)	118 (82 to 160)	116 (80 to 156)	-1.7% (-5.4% to 2.1%)
Kyrgyzstan	3840 (2694 to 5235)	5357 (3746 to 7331)	106 (74 to 144)	90 (63 to 123)	-14.6% (-18.4% to -10.7%)
Mongolia	1364 (945 to 1859)	3614 (2527 to 4944)	88 (61 to 120)	108 (76 to 148)	23.6% (18.8% to 28.9%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Tajikistan	3561 (2505 to 4843)	6424 (4676 to 8702)	94 (65 to 128)	79 (58 to 107)	-15.4% (-20.4% to -7.8%)
Turkmenistan	2302 (1611 to 3128)	3832 (2673 to 5211)	83 (58 to 112)	78 (54 to 105)	-6.2% (-10.7% to -1.7%)
Uzbekistan	13692 (9568 to 18537)	27924 (19438 to 38027)	88 (61 to 119)	88 (61 to 120)	0.8% (-3.4% to 5.3%)
<b>Latin America and Caribbean</b>	202620 (142813 to 272345)	373193 (262150 to 502419)	66 (47 to 88)	61 (43 to 83)	-6.6% (-8.6% to -4.9%)
<b>Central Latin America</b>	102992 (73993 to 138066)	181186 (127975 to 243118)	83 (59 to 110)	72 (51 to 97)	-12.9% (-15.1% to -11.1%)
Colombia	31423 (22333 to 42234)	49058 (34579 to 66389)	121 (86 to 162)	96 (67 to 129)	-21% (-24.8% to -17.4%)
Costa Rica	2074 (1433 to 2814)	4616 (3252 to 6244)	88 (61 to 119)	90 (64 to 122)	3.2% (-0.9% to 7.2%)
El Salvador	5041 (3605 to 6925)	6163 (4489 to 8066)	120 (87 to 163)	101 (74 to 133)	-15.3% (-27% to -5.2%)
Guatemala	4717 (3396 to 6407)	11867 (8491 to 15982)	82 (59 to 110)	82 (58 to 110)	-0.3% (-11.1% to 8.3%)
Honduras	2410 (1669 to 3256)	6477 (4576 to 8738)	75 (52 to 101)	80 (57 to 107)	6.2% (1.4% to 11.5%)
Mexico	38323 (26631 to 51746)	66975 (46700 to 90175)	61 (43 to 82)	53 (37 to 72)	-12.8% (-14.3% to -11.4%)
Nicaragua	2797 (1946 to 4012)	4465 (3234 to 5975)	100 (71 to 140)	79 (57 to 105)	-20.8% (-32.2% to -10.6%)
Panama	1668 (1182 to 2235)	3399 (2382 to 4556)	85 (60 to 114)	81 (57 to 109)	-4.9% (-9.2% to -0.5%)
Venezuela (Bolivarian Republic of)	14538 (10051 to 19674)	28166 (19857 to 38293)	99 (69 to 133)	95 (67 to 129)	-4.1% (-8.1% to 0.1%)
<b>Andean Latin America</b>	17095 (12192 to 23048)	38002 (26845 to 51360)	59 (42 to 79)	62 (44 to 84)	5.8% (1.3% to 10.1%)
Bolivia (Plurinational State of)	2475 (1709 to 3360)	5668 (3998 to 7760)	53 (37 to 71)	54 (38 to 74)	2% (-3.6% to 7.7%)

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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Ecuador	4968 (3561 to 6674)	11962 (8388 to 16108)	66 (47 to 89)	72 (51 to 97)	9.1% (3.8% to 14.4%)
Peru	9652 (6881 to 13116)	20373 (14499 to 27345)	57 (41 to 78)	60 (43 to 81)	4.9% (-1.7% to 11.4%)
<b>Caribbean</b>	22600 (15774 to 30498)	40644 (28816 to 54647)	74 (52 to 100)	81 (57 to 109)	9% (5.7% to 13.4%)
Antigua and Barbuda	37 (25 to 50)	72 (51 to 98)	66 (46 to 90)	71 (50 to 96)	7.3% (2.2% to 12.3%)
Bahamas	157 (110 to 216)	310 (218 to 421)	72 (50 to 98)	75 (52 to 101)	3.8% (-1.1% to 9%)
Barbados	166 (116 to 225)	252 (176 to 342)	64 (44 to 86)	66 (46 to 90)	3.8% (-1.4% to 9%)
Belize	95 (66 to 130)	298 (211 to 407)	73 (51 to 99)	82 (58 to 111)	12.6% (7.8% to 17.7%)
Bermuda	36 (25 to 49)	45 (31 to 61)	54 (37 to 74)	50 (35 to 68)	-6.6% (-11.8% to -1%)
Cuba	10126 (7061 to 13687)	14632 (10260 to 19851)	94 (65 to 127)	93 (66 to 126)	-0.4% (-5.1% to 4.2%)
Dominica	42 (29 to 57)	55 (39 to 75)	64 (44 to 86)	70 (49 to 95)	10.1% (5.5% to 15%)
Dominican Republic	3741 (2608 to 5083)	9454 (6610 to 12921)	69 (48 to 94)	90 (63 to 123)	30% (24.1% to 36.1%)
Grenada	45 (32 to 61)	80 (56 to 108)	64 (45 to 85)	71 (50 to 96)	11.3% (3.9% to 18.3%)
Guyana	374 (264 to 510)	561 (392 to 763)	63 (44 to 85)	76 (53 to 103)	20.2% (14.4% to 25.9%)
Haiti	2680 (1858 to 3638)	7284 (5476 to 9644)	56 (39 to 76)	69 (52 to 91)	23.2% (10.8% to 41.9%)
Jamaica	1176 (817 to 1584)	1858 (1294 to 2526)	59 (41 to 80)	62 (43 to 84)	4.8% (-0.7% to 10.9%)
Puerto Rico	2108 (1465 to 2874)	2444 (1722 to 3287)	58 (41 to 80)	51 (36 to 69)	-12.5% (-17.1% to -7%)
Saint Kitts and Nevis	17 (12 to 23)	34 (24 to 46)	47 (33 to 64)	50 (35 to 67)	8% (3.1% to 13.3%)
Saint Lucia	72 (50 to 98)	149 (105 to 202)	67 (47 to 91)	72 (51 to 98)	4.7% (-0.9% to 10.7%)
Saint Vincent and the Grenadines	51 (36 to 69)	84 (59 to 114)	60 (42 to 80)	66 (46 to 90)	10.6% (5% to 16.9%)
Suriname	222 (155 to 301)	432 (305 to 583)	67 (47 to 91)	71 (50 to 96)	5.5% (-1.5% to 11.3%)

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Trinidad and Tobago	647 (447 to 872)	1160 (818 to 1573)	62 (43 to 83)	70 (49 to 95)	13.5% (7.8% to 19.7%)
United States Virgin Islands	57 (40 to 79)	64 (45 to 87)	56 (39 to 76)	47 (33 to 64)	-14.9% (-19.5% to -9.8%)
<b>Tropical Latin America</b>	59933 (41675 to 80749)	113361 (79088 to 154099)	49 (34 to 65)	46 (32 to 63)	-5.1% (-8.5% to -1.6%)
Brazil	57701 (40149 to 77611)	108257 (75602 to 147092)	48 (33 to 64)	45 (32 to 61)	-5.7% (-9.2% to -2.2%)
Paraguay	2231 (1540 to 3049)	5103 (3604 to 6965)	74 (52 to 101)	78 (55 to 107)	5.8% (0.9% to 10.9%)
<b>Southeast Asia, East Asia, and Oceania</b>	558047 (390436 to 759042)	1403425 (994536 to 1907325)	39 (27 to 52)	53 (38 to 72)	37.8% (35.3% to 40.5%)
<b>East Asia</b>	331950 (231139 to 451082)	961990 (676389 to 1304904)	31 (22 to 42)	49 (34 to 66)	57.4% (53.8% to 61.4%)
China	310524 (216428 to 421804)	928651 (653288 to 1259096)	30 (21 to 41)	49 (34 to 66)	62.2% (58.4% to 66.3%)
Democratic People's Republic of Korea	8365 (5757 to 11421)	14583 (10154 to 20004)	44 (30 to 59)	46 (32 to 63)	5.6% (-1% to 11.3%)
Taiwan (Province of China)	13062 (9050 to 17766)	18755 (13050 to 25434)	70 (49 to 95)	54 (38 to 74)	-22.2% (-26.2% to -17.8%)
<b>Southeast Asia</b>	223869 (157515 to 304129)	435373 (313813 to 588454)	62 (44 to 84)	64 (46 to 86)	2.2% (-0.2% to 5%)
Cambodia	4888 (3284 to 7407)	10450 (7541 to 14233)	67 (47 to 97)	72 (52 to 97)	7.1% (-14% to 22.2%)
Indonesia	68162 (47545 to 93357)	111645 (79306 to 151466)	47 (33 to 65)	43 (30 to 58)	-9.7% (-12.4% to -6.3%)
Lao People's Democratic Republic	1835 (1274 to 2511)	3769 (2634 to 5135)	62 (43 to 84)	62 (44 to 85)	0.8% (-4.7% to 5.8%)



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	(Year 1990)	(Year 2019)	(Year 1990)	(Year 2019)	(Year 1990–Year 2019)
Malaysia	10197 (7057 to 13976)	25949 (18147 to 35442)	76 (53 to 104)	84 (59 to 115)	10.3% (5.3% to 15.3%)
Maldives	74 (52 to 101)	284 (204 to 386)	53 (37 to 72)	60 (43 to 81)	12.5% (6.6% to 19.3%)
Mauritius	383 (267 to 524)	709 (497 to 965)	40 (28 to 54)	44 (31 to 61)	12.2% (4.5% to 19.1%)
Myanmar	20691 (14652 to 28025)	37979 (28490 to 49831)	64 (46 to 87)	71 (53 to 93)	10.9% (2.5% to 24.2%)
Philippines	30614 (21882 to 41001)	63439 (45829 to 85592)	68 (48 to 90)	65 (47 to 87)	-4.1% (-6.3% to -2.2%)
Seychelles	27 (18 to 36)	56 (39 to 76)	43 (30 to 58)	48 (33 to 64)	10.9% (4.4% to 17.5%)
Sri Lanka	10643 (7574 to 14518)	21080 (15551 to 27555)	73 (52 to 99)	86 (64 to 113)	18.1% (10.3% to 28.9%)
Thailand	42422 (29573 to 58447)	70147 (49354 to 94871)	86 (61 to 118)	76 (53 to 103)	-12.6% (-16.4% to -8.8%)
Timor-Leste	404 (288 to 557)	722 (530 to 963)	70 (51 to 94)	73 (53 to 97)	4.9% (-1.2% to 11.4%)
Viet Nam	33231 (23150 to 45336)	88575 (62570 to 120852)	66 (46 to 91)	86 (61 to 117)	29.2% (23.7% to 35.1%)
<b>Oceania</b>	2228 (1554 to 3027)	6062 (4359 to 8110)	49 (34 to 67)	59 (42 to 79)	19.7% (14.7% to 25.6%)
American Samoa	13 (9 to 18)	20 (15 to 27)	39 (27 to 52)	38 (29 to 50)	-0.6% (-8.2% to 10.3%)
Cook Islands	8 (5 to 10)	9 (7 to 12)	49 (35 to 67)	43 (30 to 58)	-12.5% (-17.6% to -7.7%)
Fiji	254 (176 to 347)	404 (285 to 550)	43 (30 to 59)	46 (32 to 62)	5.3% (-0.5% to 11.6%)
Guam	50 (35 to 68)	71 (49 to 96)	44 (31 to 60)	39 (27 to 53)	-11.9% (-16.9% to -6.8%)
Kiribati	19 (14 to 26)	36 (25 to 49)	34 (24 to 46)	36 (26 to 49)	5.7% (-1.6% to 12.9%)
Marshall Islands	13 (9 to 18)	25 (17 to 34)	50 (34 to 67)	51 (36 to 69)	3.6% (-1.8% to 9%)
Micronesia (Federated States of)	34 (24 to 47)	49 (34 to 66)	50 (35 to 67)	54 (38 to 73)	8.2% (2.2% to 14.5%)

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)
Nauru	3 (2 to 4)	3 (2 to 4)	41 (28 to 56)	40 (28 to 55)	-1.4% (-7% to 5.1%)
Niue	1 (1 to 1)	1 (1 to 1)	37 (26 to 51)	39 (28 to 52)	4.2% (-2.8% to 11.9%)
Northern Mariana Islands	19 (13 to 26)	22 (16 to 30)	53 (37 to 72)	42 (30 to 57)	-20.1% (-24.4% to -15.6%)
Palau	6 (4 to 8)	10 (7 to 14)	44 (31 to 59)	45 (32 to 61)	3.1% (-2.3% to 8.7%)
Papua New Guinea	1430 (996 to 1950)	4562 (3302 to 6098)	51 (36 to 69)	63 (45 to 84)	23% (16.5% to 30.4%)
Samoa	62 (43 to 84)	114 (84 to 150)	53 (37 to 72)	64 (47 to 85)	20.6% (13% to 30.8%)
Solomon Islands	112 (78 to 152)	284 (200 to 381)	53 (37 to 72)	60 (42 to 81)	12% (6.4% to 18.1%)
Tokelau	0 (0 to 1)	0 (0 to 1)	34 (23 to 46)	36 (25 to 48)	5.7% (0.1% to 12.2%)
Tonga	32 (23 to 44)	41 (29 to 55)	46 (33 to 63)	46 (33 to 63)	0.4% (-5.5% to 7.6%)
Tuvalu	3 (2 to 4)	4 (3 to 5)	34 (23 to 46)	36 (25 to 48)	16.2% (9.2% to 25%)
Vanuatu	46 (32 to 62)	120 (87 to 160)	45 (31 to 60)	52 (37 to 69)	5.9% (-0.4% to 13.1%)
<b>North Africa and Middle East</b>	201450 (145412 to 269033)	453033 (331629 to 604021)	79 (57 to 104)	80 (59 to 107)	1.9% (-3.5% to 5.4%)
<b>North Africa and Middle East</b>	201450 (145412 to 269033)	453033 (331629 to 604021)	79 (57 to 104)	80 (59 to 107)	1.9% (-3.5% to 5.4%)
Afghanistan	11856 (5273 to 28707)	25411 (16490 to 40529)	129 (60 to 299)	106 (66 to 177)	-18.2% (-43.5% to 22.8%)
Algeria	14814 (10463 to 20007)	29937 (21475 to 40072)	83 (58 to 112)	74 (53 to 99)	-10.6% (-14.9% to -6%)
Bahrain	293 (204 to 395)	1239 (871 to 1704)	69 (48 to 93)	71 (50 to 97)	3.6% (-2.3% to 9.8%)
Egypt	24219 (16935 to 32991)	50341 (35383 to 68471)	56 (40 to 76)	59 (41 to 79)	4% (-2.1% to 10.7%)
Iran (Islamic Republic of)	46118 (33452 to 61797)	70192 (52341 to 93184)	111 (81 to 147)	80 (60 to 106)	-28.1% (-34.8% to -23.2%)

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)
Iraq	15785 (10889 to 22572)	37310 (26823 to 50871)	132 (90 to 187)	106 (76 to 143)	-19.9% (-30.1% to -10.6%)
Jordan	1528 (1062 to 2076)	5884 (4095 to 7991)	62 (43 to 84)	59 (41 to 80)	-3.9% (-8.6% to 1%)
Kuwait	1316 (926 to 1822)	3711 (2638 to 5012)	92 (65 to 126)	81 (58 to 109)	-12% (-18% to -6.7%)
Lebanon	3035 (1991 to 4851)	4026 (2849 to 5569)	109 (72 to 173)	76 (54 to 105)	-30.4% (-42.8% to -18%)
Libya	2352 (1663 to 3166)	6320 (4603 to 8529)	83 (59 to 112)	91 (66 to 123)	9.9% (3.2% to 18.6%)
Morocco	14032 (9792 to 19007)	26514 (18727 to 35851)	72 (50 to 98)	74 (52 to 100)	2.5% (-2.9% to 7.6%)
Oman	1432 (995 to 1957)	4246 (2938 to 5805)	106 (74 to 144)	100 (70 to 136)	-5.4% (-9.6% to -0.8%)
Palestine	1291 (914 to 1828)	3728 (2642 to 5148)	88 (64 to 122)	97 (69 to 133)	10.2% (2.1% to 17.8%)
Qatar	434 (302 to 599)	2857 (1994 to 3911)	109 (76 to 149)	97 (68 to 132)	-10.5% (-14.8% to -6.2%)
Saudi Arabia	13403 (9420 to 18276)	55075 (38616 to 75312)	125 (88 to 170)	156 (109 to 212)	25% (20.1% to 29.7%)
Sudan	4890 (3454 to 6758)	10734 (7768 to 14444)	35 (25 to 48)	37 (27 to 50)	4.9% (-1.9% to 12.7%)
Syrian Arab Republic	4817 (3388 to 6570)	15764 (10567 to 23012)	56 (40 to 76)	116 (76 to 170)	107.7% (51.8% to 211.9%)
Tunisia	4665 (3256 to 6345)	9380 (6559 to 12772)	71 (49 to 96)	73 (51 to 99)	3.5% (-1.5% to 8.8%)
Turkey	28204 (19754 to 38200)	62842 (45196 to 84968)	58 (41 to 79)	69 (50 to 93)	18.9% (12.6% to 26.1%)
United Arab Emirates	1418 (986 to 1951)	9976 (6962 to 13671)	92 (64 to 125)	87 (61 to 119)	-4.9% (-9.5% to 0%)
Yemen	5412 (3882 to 7267)	17087 (12086 to 23384)	64 (46 to 87)	75 (54 to 101)	16.7% (4.8% to 33.9%)

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)
<b>South Asia</b>	860069 (604623 to 1163495)	2190818 (1536215 to 2967664)	109 (77 to 147)	135 (95 to 183)	24.4% (22.8% to 26.1%)
<b>South Asia</b>	860069 (604623 to 1163495)	2190818 (1536215 to 2967664)	109 (77 to 147)	135 (95 to 183)	24.4% (22.8% to 26.1%)
Bangladesh	53822 (37633 to 73397)	137433 (96855 to 186188)	75 (52 to 102)	91 (64 to 123)	22% (16.9% to 27.6%)
Bhutan	364 (257 to 500)	802 (568 to 1096)	90 (63 to 123)	116 (82 to 158)	28.5% (23.3% to 34.2%)
India	742455 (522650 to 1003627)	1870307 (1310196 to 2531657)	118 (83 to 160)	145 (102 to 196)	22.9% (21.2% to 24.6%)
Nepal	10938 (7623 to 14857)	25880 (18657 to 34764)	81 (57 to 110)	98 (71 to 132)	20.5% (15.2% to 26.7%)
Pakistan	52490 (36788 to 71199)	156397 (110431 to 211564)	70 (49 to 95)	96 (68 to 129)	36% (32.2% to 40.3%)
<b>Sub-Saharan Africa</b>	172908 (123072 to 233849)	382150 (275687 to 515793)	54 (39 to 74)	55 (39 to 73)	0.8% (-1.4% to 2.6%)
<b>Southern Sub-Saharan Africa</b>	18861 (13201 to 25332)	27272 (19047 to 36610)	51 (36 to 68)	40 (28 to 53)	-22% (-24% to -20%)
Botswana	290 (201 to 397)	807 (560 to 1087)	34 (24 to 46)	40 (28 to 54)	19.6% (12.7% to 26.9%)
Eswatini	166 (116 to 225)	324 (226 to 442)	35 (24 to 47)	38 (27 to 51)	7.6% (1.7% to 14%)
Lesotho	395 (274 to 534)	664 (463 to 898)	31 (22 to 41)	38 (27 to 52)	25.3% (17.5% to 33.6%)
Namibia	446 (322 to 597)	848 (603 to 1142)	46 (33 to 61)	46 (33 to 61)	-1% (-9.7% to 6.7%)
South Africa	15640 (10926 to 21082)	21643 (15178 to 28943)	57 (40 to 76)	41 (29 to 55)	-27.1% (-29.1% to -24.8%)
Zimbabwe	1923 (1333 to 2632)	2988 (2099 to 4074)	32 (22 to 43)	29 (20 to 39)	-9.1% (-14.8% to -3.1%)

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)
<b>Western Sub-Saharan Africa</b>	56254 (39560 to 76157)	146349 (103313 to 197859)	47 (33 to 63)	52 (37 to 70)	12.4% (11.1% to 14.1%)
Benin	1374 (955 to 1870)	4004 (2807 to 5466)	50 (35 to 68)	54 (38 to 73)	8.8% (3.5% to 14.6%)
Burkina Faso	2600 (1819 to 3556)	7705 (5360 to 10461)	46 (32 to 62)	58 (40 to 78)	25.2% (19.5% to 31.5%)
Cabo Verde	101 (70 to 137)	254 (177 to 344)	41 (29 to 56)	50 (35 to 68)	22.4% (15.8% to 29.1%)
Cameroon	3755 (2637 to 5061)	11816 (8246 to 16095)	60 (42 to 81)	64 (46 to 88)	7.8% (3.1% to 13%)
Chad	1764 (1273 to 2365)	4729 (3386 to 6432)	47 (34 to 63)	55 (40 to 74)	17.9% (9.9% to 25.4%)
Côte d'Ivoire	3492 (2397 to 4736)	9078 (6327 to 12400)	52 (36 to 70)	54 (38 to 73)	5.2% (0.1% to 10.7%)
Gambia	244 (173 to 331)	638 (451 to 866)	44 (31 to 59)	46 (33 to 63)	5.5% (-0.3% to 10.9%)
Ghana	5052 (3515 to 6960)	15368 (10684 to 20817)	54 (38 to 73)	66 (46 to 89)	22.3% (16.8% to 28.2%)
Guinea	1931 (1370 to 2598)	4240 (2937 to 5743)	47 (33 to 63)	55 (38 to 74)	17.4% (11.5% to 23.4%)
Guinea-Bissau	361 (250 to 492)	754 (523 to 1012)	58 (41 to 79)	62 (43 to 84)	6.1% (1.4% to 11.3%)
Liberia	782 (513 to 1233)	1578 (1139 to 2109)	53 (36 to 78)	49 (36 to 66)	-7.3% (-22.1% to 4.6%)
Mali	2508 (1739 to 3419)	6452 (4613 to 8736)	46 (32 to 62)	52 (37 to 70)	12.8% (5.9% to 21.5%)
Mauritania	926 (640 to 1265)	1800 (1249 to 2459)	70 (49 to 95)	65 (46 to 89)	-6.2% (-10.4% to -1.6%)
Niger	1989 (1391 to 2690)	5650 (3980 to 7687)	45 (31 to 61)	47 (33 to 64)	5.3% (-0.3% to 10.8%)
Nigeria	25033 (17488 to 33851)	60912 (42958 to 82353)	43 (30 to 57)	47 (33 to 63)	10.4% (8.8% to 12.8%)
Sao Tome and Principe	36 (25 to 48)	82 (57 to 111)	45 (32 to 61)	55 (38 to 75)	21.6% (15.4% to 28.1%)
Senegal	2061 (1436 to 2812)	5031 (3527 to 6891)	46 (32 to 62)	50 (35 to 68)	9.1% (3.6% to 14.7%)
Sierra Leone	1105 (770 to 1503)	3084 (2249 to 4110)	45 (32 to 61)	58 (42 to 76)	27.1% (17.3% to 41.7%)
Togo	1138 (798 to 1566)	3173 (2211 to 4304)	54 (38 to 74)	57 (40 to 77)	4.4% (-0.3% to 9.1%)

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)
<b>Eastern Sub-Saharan Africa</b>	78366 (56234 to 106623)	158772 (115632 to 212654)	64 (46 to 86)	61 (44 to 81)	-4.6% (-8.9% to -1.8%)
Burundi	2385 (1658 to 3269)	8672 (6103 to 12139)	67 (47 to 92)	111 (79 to 154)	64.9% (29% to 133.1%)
Comoros	205 (145 to 279)	430 (301 to 588)	68 (48 to 93)	71 (50 to 97)	4.8% (0.1% to 9.6%)
Djibouti	166 (114 to 227)	546 (386 to 741)	59 (41 to 79)	59 (42 to 80)	0.9% (-4% to 6.5%)
Eritrea	2364 (1357 to 4220)	3231 (2346 to 4468)	104 (65 to 169)	73 (54 to 102)	-29.2% (-44.5% to -10.6%)
Ethiopia	29635 (20754 to 41581)	46122 (32994 to 62059)	85 (61 to 117)	70 (51 to 93)	-18.3% (-26.5% to -12%)
Kenya	8064 (5612 to 10876)	22105 (15512 to 29939)	61 (43 to 82)	64 (45 to 86)	4.7% (3.4% to 6.2%)
Madagascar	4160 (2888 to 5693)	9033 (6300 to 12243)	55 (38 to 74)	51 (36 to 69)	-7.2% (-12.3% to -2.2%)
Malawi	2499 (1722 to 3363)	4867 (3373 to 6630)	41 (29 to 56)	41 (29 to 56)	-0.3% (-5.5% to 5.4%)
Mozambique	6159 (4462 to 8610)	11785 (8413 to 15762)	69 (50 to 96)	69 (50 to 92)	-0.2% (-15.2% to 10.8%)
Rwanda	3202 (2193 to 4400)	6728 (4867 to 9024)	71 (49 to 96)	75 (55 to 100)	6.4% (-8.7% to 37.8%)
Somalia	2245 (1540 to 3269)	6429 (4643 to 8636)	50 (34 to 69)	52 (38 to 70)	5.7% (-6.7% to 16%)
South Sudan	2292 (1640 to 3060)	3706 (2671 to 4957)	63 (45 to 83)	63 (45 to 83)	0% (-6.6% to 8%)
Uganda	5627 (4051 to 7768)	12677 (9152 to 16970)	52 (38 to 71)	54 (39 to 72)	2.7% (-10.1% to 12.9%)
United Republic of Tanzania	7487 (5161 to 10080)	17639 (12368 to 24008)	47 (32 to 64)	48 (34 to 65)	2.8% (-2.6% to 8.2%)
Zambia	1817 (1268 to 2473)	4675 (3269 to 6385)	39 (27 to 53)	41 (29 to 56)	4.4% (-1.2% to 10.4%)
<b>Central Sub-Saharan Africa</b>	19427 (14018 to 26234)	49757 (36254 to 66187)	53 (38 to 71)	57 (42 to 77)	7.8% (3.3% to 13.1%)

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)
Angola	5060 (3578 to 6975)	12323 (9051 to 16261)	69 (50 to 93)	66 (49 to 87)	-3.9% (-11.9% to 4.3%)
Central African Republic	759 (532 to 1029)	2060 (1512 to 2777)	41 (29 to 56)	54 (40 to 71)	29.1% (15.9% to 50.3%)
Congo	783 (546 to 1064)	2309 (1677 to 3084)	49 (34 to 67)	57 (42 to 76)	17% (5.6% to 34.8%)
Democratic Republic of the Congo	12283 (8662 to 16696)	31757 (22970 to 42327)	50 (35 to 67)	55 (39 to 72)	9.6% (2.6% to 19.6%)
Equatorial Guinea	126 (88 to 169)	474 (334 to 646)	44 (31 to 59)	52 (37 to 71)	18.4% (12.1% to 24.5%)
Gabon	418 (293 to 569)	834 (582 to 1128)	59 (41 to 79)	59 (41 to 80)	0.8% (-3.8% to 6.1%)

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