

eTable 1 ICD-10 code and subgroups of GBD cause code B.2.8 (Aortic aneurysm).

Code	Disease
I71	Aortic aneurysm and dissection
I71.0	Dissection of aorta
I71.00	Dissection of unspecified site of aorta
I71.01	Dissection of thoracic aorta
I71.02	Dissection of abdominal aorta
I71.03	Dissection of thoracoabdominal aorta
I71.1	Thoracic aortic aneurysm, ruptured
I71.2	Thoracic aortic aneurysm, without rupture
I71.3	Abdominal aortic aneurysm, ruptured
I71.4	Abdominal aortic aneurysm, without rupture
I71.5	Thoracoabdominal aortic aneurysm, ruptured
I71.6	Thoracoabdominal aortic aneurysm, without rupture
I71.8	Aortic aneurysm of unspecified site, ruptured
I71.9	Aortic aneurysm of unspecified site, without rupture

GBD, global burden of disease; ICD-10, International Classification of Disease 10.

e-Table 2 The death cases and age-standardized death rate of aortic aneurysm in 1990 and 2017, and its temporal trends from 1990 to 2017 in 195 countries and territories.

Countries and territories	1990		2017		1990-2017
	Death cases	ASR per 100,000	Death cases	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Afghanistan	79.03(37.51 - 167.81)	1.23 (0.63 - 2.6)	119.88 (77.88-208.59)	1.22 (0.79-2.06)	-0.02 (-0.09 to 0.04)
Albania	21.23(18.95 - 25.26)	1 (0.89 - 1.2)	43.66 (34.68-53.92)	1.07 (0.85-1.32)	0.41 (0.12 to 0.71)
Algeria	106.05(75.34 - 150.35)	0.96 (0.68 - 1.35)	280.75 (202.9-382.45)	0.93 (0.68-1.27)	-0.06 (-0.14 to 0.02)
American Samoa	0.73(0.61 - 0.82)	4.02 (3.41 - 4.61)	0.81 (0.7-0.98)	2.42 (2.12-2.85)	-2.19 (-2.55 to -1.83)
Andorra	4.14(3.06 - 5.33)	7.58 (5.69 - 9.64)	6.99 (5.12-8.9)	4.78 (3.46-6.15)	-1.99 (-2.15 to -1.83)
Angola	147.17(91.78 - 229.61)	4.58 (3.08 - 6.92)	267.65 (209.36-344.66)	3.14 (2.47-3.98)	-1.81 (-1.99 to -1.62)
Antigua and Barbuda	1.47(1.31 - 1.63)	2.7 (2.43 - 2.99)	1.93 (1.76-2.14)	2.02 (1.83-2.24)	-1.46 (-1.69 to -1.22)
Argentina	2150.36(1947.55 - 2418.52)	6.83 (6.21 - 7.67)	2565.24 (2311.44-2871.44)	4.64 (4.18-5.19)	-1.78 (-1.97 to -1.58)
Armenia	156.96(136.81 - 181.83)	6.38 (5.51 - 7.39)	340.95 (316.95-365.78)	8.26 (7.71-8.87)	1.03 (0.84 to 1.22)
Australia	1447.62(1387.93 - 1501.94)	7.14 (6.86 - 7.39)	1316.73 (1184.95-1453.28)	2.89 (2.6-3.2)	-4 (-4.23 to -3.77)
Austria	440.53(420.46 - 464.64)	3.54 (3.39 - 3.73)	446.33 (409.87-485.54)	2.33 (2.14-2.52)	-2.17 (-2.43 to -1.91)
Azerbaijan	59.37(46.67 - 80.21)	1.22 (0.93 - 1.71)	154.25 (126.56-179.74)	2.02 (1.65-2.36)	1.34 (1.09 to 1.59)
Bahrain	2.35(2.03 - 3)	1.5 (1.26 - 2.02)	6.67 (5.7-7.83)	0.95 (0.82-1.14)	-2.01 (-2.26 to -1.77)
Bangladesh	638.87(446.6 - 922.83)	1.51 (1.09 - 2.18)	1686.41 (1323.02-2174.22)	1.59 (1.25-2.06)	0.44 (0.27 to 0.61)
Barbados	9.35(8.22 - 10.63)	2.87 (2.54 - 3.23)	11.84 (10.59-13.3)	2.38 (2.13-2.67)	-1.1 (-1.29 to -0.91)
Belarus	276.17(226.25 - 318.46)	2.1 (1.72 - 2.42)	398.62 (358.94-440.78)	2.48 (2.24-2.75)	0.5 (0.28 to 0.71)
Belgium	791.25(748.14 - 835)	4.82 (4.57 - 5.07)	752.13 (688.8-816.84)	2.82 (2.59-3.07)	-2.47 (-2.69 to -2.26)
Belize	1.58(1.4 - 1.86)	1.73 (1.53 - 2.04)	3.92 (3.47-4.27)	1.68 (1.49-1.84)	-0.8 (-1.24 to -0.35)
Benin	45.9(34.59 - 60.51)	2.45 (1.85 - 3.2)	67.99 (48.92-92.76)	1.69 (1.24-2.28)	-1.6 (-1.77 to -1.43)
Bermuda	4.93(4.04 - 5.75)	8.13 (6.7 - 9.46)	6.7 (6.06-7.34)	5.1 (4.61-5.59)	-1.94 (-2.09 to -1.79)
Bhutan	4.09(2.91 - 5.73)	1.95 (1.42 - 2.69)	13.39 (10.11-17.81)	2.53 (1.92-3.35)	1.1 (1.04 to 1.15)
Bolivia	73.06(42.45 - 102.6)	2.49 (1.5 - 3.46)	175.94 (132.63-228.06)	2.25 (1.71-2.91)	-0.35 (-0.4 to -0.31)
Bosnia and Herzegovina	96.96(80.73 - 116.96)	2.54 (2.15 - 3.05)	181.02 (140.62-205.94)	3.13 (2.46-3.53)	0.77 (0.56 to 0.97)

Countries and territories	1990		2017		1990-2017
	Death cases	ASR per 100,000	Death cases	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Botswana	16.48(12.98 - 20.26)	3.34 (2.67 - 4.04)	25.79 (20.58-32.95)	2.35 (1.87-2.97)	-1.45 (-1.62 to -1.28)
Brazil	3485.88(3406.06 - 3575.59)	4.09 (4 - 4.19)	9921.64 (9459.61-10303.31)	4.49 (4.29-4.67)	0.11 (-0.03 to 0.25)
Brunei	5.53(4.36 - 6.8)	6.27 (5.13 - 7.58)	13.18 (11.78-14.81)	5.27 (4.7-5.93)	-0.55 (-0.72 to -0.39)
Bulgaria	186.08(172.74 - 198.74)	1.57 (1.46 - 1.67)	292.19 (268.12-316.38)	2.15 (1.98-2.32)	1.32 (1.07 to 1.57)
Burkina Faso	74.47(52.5 - 99.35)	1.93 (1.37 - 2.56)	120.63 (89.9-162.29)	1.62 (1.21-2.14)	-0.67 (-0.75 to -0.59)
Burundi	91.77(63.72 - 132.14)	4.8 (3.38 - 6.69)	65.7 (45.42-92.3)	1.99 (1.37-2.77)	-3.95 (-4.34 to -3.57)
Cambodia	50.62(30.4 - 81.55)	1.36 (0.87 - 2.15)	132.27 (109.35-170.42)	1.45 (1.19-1.84)	0.18 (0.12 to 0.24)
Cameroon	101.99(78.08 - 132.21)	2.71 (2.09 - 3.46)	178.32 (137.18-230.79)	1.82 (1.41-2.35)	-1.73 (-1.87 to -1.58)
Canada	2007.32(1933.23 - 2087.59)	5.92 (5.71 - 6.15)	1909.92 (1757.84-2074.63)	2.62 (2.41-2.86)	-3.84 (-4.16 to -3.52)
Cape Verde	2.43(1.94 - 2.99)	1.02 (0.81 - 1.25)	5.76 (4.86-6.66)	1.29 (1.08-1.5)	0.76 (0.65 to 0.86)
Central African Republic	49(26.56 - 77.82)	5.05 (3.06 - 7.76)	63.86 (37.56-97.6)	3.57 (2.36-5.24)	-1.56 (-1.68 to -1.44)
Chad	57.61(41.76 - 74.88)	2.18 (1.58 - 2.81)	79.62 (58.47-106.9)	1.71 (1.27-2.26)	-1.13 (-1.28 to -0.97)
Chile	277.9(261.61 - 295.9)	2.88 (2.72 - 3.06)	649.92 (581.05-722.14)	2.8 (2.5-3.11)	-0.08 (-0.34 to 0.19)
China	7513.14(6059.76 - 9199.88)	0.98 (0.78 - 1.17)	15759.96 (14248.2-17571.03)	0.88 (0.79-0.97)	-0.7 (-0.87 to -0.53)
Colombia	644.17(616.29 - 677.45)	3.85 (3.68 - 4.06)	1352.38 (1181.06-1534.02)	2.51 (2.19-2.85)	-2.45 (-2.83 to -2.06)
Comoros	8.52(5.68 - 12.37)	4.74 (3.14 - 6.77)	9.01 (6.37-11.91)	2.29 (1.62-3.01)	-3.19 (-3.57 to -2.8)
Congo	53.42(37.9 - 77.68)	5.57 (4.15 - 7.83)	76.27 (57.86-94.63)	3.81 (2.9-4.7)	-1.83 (-2.07 to -1.59)
Costa Rica	34.45(30.16 - 39.72)	2.02 (1.76 - 2.34)	126.63 (114.03-141.45)	2.62 (2.36-2.92)	0.72 (0.53 to 0.92)
Cote d'Ivoire	88.53(63.74 - 111.54)	2.59 (1.89 - 3.24)	167.89 (130.88-210.74)	1.95 (1.56-2.42)	-1.35 (-1.5 to -1.19)
Croatia	122.02(115.24 - 129.34)	1.92 (1.82 - 2.03)	313.81 (289.44-339)	3.47 (3.21-3.74)	2.54 (2.17 to 2.9)
Cuba	547.41(493.24 - 615.66)	5.26 (4.75 - 5.92)	741.28 (658.4-837.68)	3.82 (3.39-4.32)	-1.48 (-1.63 to -1.34)
Cyprus	55.89(44.21 - 72.91)	6.61 (5.31 - 8.55)	79.14 (66.33-102.57)	4.09 (3.45-5.24)	-2.2 (-2.61 to -1.79)
Czech Republic	299.15(282.97 - 315.81)	2.16 (2.05 - 2.27)	580.4 (540.35-626.03)	2.75 (2.56-2.96)	1.34 (1.08 to 1.6)
Democratic Republic of the Congo	488.75(325.78 - 701.08)	3.84 (2.53 - 5.38)	734.37 (537.67-970.4)	2.62 (1.93-3.41)	-1.82 (-2.08 to -1.55)
Denmark	601.9(556.44 - 648.59)	6.8 (6.3 - 7.3)	603.71 (551.87-656.46)	4.91 (4.49-5.34)	-1.52 (-1.79 to -1.26)

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	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Djibouti	4.97(3.09 - 7.38)	4.05 (2.58 - 5.77)	10.83 (6.97-15.33)	2.43 (1.58-3.39)	-2.6 (-2.95 to -2.25)
Dominica	3.62(3.15 - 4.09)	4.65 (4.07 - 5.23)	4.28 (3.86-4.72)	4.37 (3.94-4.81)	-0.48 (-0.6 to -0.37)
Dominican Republic	59.76(50.5 - 68.54)	1.7 (1.44 - 1.97)	181.08 (151.41-221.7)	2.02 (1.69-2.48)	0.72 (0.43 to 1.02)
Ecuador	101.05(88.14 - 113.9)	1.96 (1.71 - 2.21)	280.08 (253.23-313.19)	1.97 (1.78-2.21)	0.05 (-0.13 to 0.24)
Egypt	267.88(170.14 - 489.82)	1.12 (0.74 - 2.03)	709.93 (415.1-1156.24)	1.44 (0.88-2.32)	0.85 (0.77 to 0.93)
El Salvador	35.47(30.71 - 40.56)	1.23 (1.06 - 1.41)	75.81 (62.56-89.61)	1.3 (1.07-1.54)	0.27 (0.09 to 0.46)
Equatorial Guinea	8.81(5.04 - 14.46)	5.15 (3.23 - 8.18)	12.06 (8.34-16.83)	3.21 (2.27-4.37)	-2.26 (-2.56 to -1.95)
Eritrea	42.78(25.74 - 70.42)	5.17 (3.45 - 8.05)	46.83 (29.82-64.76)	2.47 (1.62-3.34)	-3.38 (-3.67 to -3.09)
Estonia	57.69(52.94 - 62.89)	2.75 (2.53 - 2.98)	77.35 (65.67-96.02)	2.81 (2.38-3.46)	-0.07 (-0.42 to 0.28)
Ethiopia	425.53(243.69 - 725.98)	2.66 (1.7 - 4.24)	445.65 (305.2-616.19)	1.34 (0.91-1.91)	-3 (-3.22 to -2.78)
Federated States of Micronesia	2.22(1.68 - 2.81)	5.15 (4.04 - 6.41)	2.28 (1.78-2.83)	4.12 (3.41-5.02)	-1.06 (-1.15 to -0.96)
Fiji	18(15.42 - 20.73)	5.98 (5.13 - 6.92)	33.63 (28.92-38.66)	5.76 (4.98-6.56)	-0.37 (-0.58 to -0.16)
Finland	600.81(542.59 - 665.59)	8.09 (7.33 - 8.94)	582.78 (534.59-641.66)	4.44 (4.07-4.88)	-2.26 (-2.38 to -2.13)
France	3351.27(3202.83 - 3513.72)	3.72 (3.57 - 3.89)	3370.62 (3103.87-3647.59)	2.08 (1.91-2.27)	-2.65 (-2.95 to -2.35)
Gabon	27.43(20.52 - 35.36)	5.29 (3.93 - 6.72)	33.5 (25.17-40.34)	3.67 (2.76-4.45)	-1.67 (-1.81 to -1.53)
Georgia	57.22(51.23 - 64.67)	0.96 (0.87 - 1.08)	174.09 (158.01-193.84)	2.97 (2.71-3.28)	5.94 (4.94 to 6.96)
Germany	5346.26(4939.95 - 5797.64)	3.94 (3.67 - 4.24)	5233.65 (4677.69-5865.5)	2.5 (2.24-2.79)	-1.87 (-2.02 to -1.71)
Ghana	136.16(110.26 - 161.54)	2.49 (2.03 - 2.94)	232.14 (190.37-282.26)	1.75 (1.45-2.11)	-2.23 (-2.88 to -1.58)
Greece	620.18(591.53 - 651.57)	4.06 (3.88 - 4.25)	1095.14 (1005.23-1191.06)	4.23 (3.92-4.6)	-0.03 (-0.34 to 0.28)
Greenland	0.94(0.75 - 1.09)	3.5 (2.82 - 4.08)	1.24 (1.02-1.42)	2.19 (1.83-2.51)	-2.08 (-2.28 to -1.89)
Grenada	4.14(3.59 - 4.77)	5.61 (4.85 - 6.44)	7.82 (7.1-8.57)	4.62 (4.21-5.04)	-0.77 (-1.06 to -0.48)
Guam	4.23(3.08 - 5.1)	6.31 (4.71 - 7.44)	6.01 (5-8.42)	3.61 (3.03-5.02)	-2.56 (-2.82 to -2.3)
Guatemala	51.55(44.66 - 58.87)	1.77 (1.5 - 2.01)	109.55 (97.44-123.57)	1.12 (1-1.25)	-2.33 (-2.66 to -2.01)
Guinea	73.89(56.38 - 101.36)	2.42 (1.85 - 3.29)	98.99 (71.04-135.25)	2.03 (1.48-2.74)	-0.74 (-0.98 to -0.49)
Guinea-Bissau	13.78(9.06 - 19.95)	3.89 (2.67 - 5.52)	14.15 (9.43-20.11)	2.34 (1.63-3.23)	-2.18 (-2.39 to -1.98)

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	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Guyana	8.15(7.41 - 8.89)	2.3 (2.09 - 2.52)	17.31 (15.23-19.51)	3.2 (2.82-3.6)	1.17 (0.63 to 1.71)
Haiti	106.68(68.6 - 150.74)	3.94 (2.68 - 5.45)	202.14 (159.69-262.01)	3.69 (2.97-4.75)	-0.22 (-0.27 to -0.18)
Honduras	22.5(17.33 - 29.35)	1.17 (0.87 - 1.53)	67.93 (51.86-90.55)	1.25 (0.95-1.66)	0.14 (-0.03 to 0.31)
Hungary	381.21(365.99 - 396.51)	2.57 (2.47 - 2.67)	502.05 (465.95-540.17)	2.55 (2.37-2.74)	0.01 (-0.2 to 0.22)
Iceland	13.11(12.13 - 14.14)	4.3 (3.98 - 4.63)	17.82 (16.42-19.35)	3.05 (2.81-3.32)	-1.69 (-1.92 to -1.47)
India	6005.05(4477.59 - 8362.56)	1.58 (1.23 - 2.17)	16865.6 (13985.44-20194.29)	1.82 (1.51-2.17)	0.41 (0.21 to 0.61)
Indonesia	1047.49(852.81 - 1316.85)	1.37 (1.09 - 1.73)	2922.72 (2374.6-3797.26)	1.76 (1.44-2.27)	0.96 (0.9 to 1.01)
Iran	189.88(161.88 - 230.37)	0.83 (0.7 - 1.01)	612.14 (509.57-664.24)	0.97 (0.8-1.05)	0.81 (0.65 to 0.96)
Iraq	255.44(205.5 - 312.65)	3.85 (3.15 - 4.65)	278.6 (248.98-310.7)	1.46 (1.28-1.63)	-3.97 (-4.49 to -3.46)
Ireland	250.01(237.48 - 263.72)	5.76 (5.5 - 6.06)	306.48 (277.71-335.63)	4.05 (3.67-4.43)	-1.98 (-2.38 to -1.58)
Israel	116.71(107.26 - 127.84)	2.41 (2.23 - 2.62)	189.22 (170.97-207.86)	1.57 (1.41-1.73)	-2.03 (-2.21 to -1.85)
Italy	2663.11(2551.54 - 2800.66)	2.85 (2.74 - 2.99)	3864.28 (3565.27-4202)	2.35 (2.16-2.55)	-1.29 (-1.72 to -0.86)
Jamaica	36.88(33.1 - 42.91)	1.99 (1.79 - 2.33)	70.63 (58.98-83.03)	2.4 (1.99-2.83)	0.24 (-0.12 to 0.6)
Japan	5963.25(5856.39 - 6087.48)	3.65 (3.59 - 3.73)	19130 (18186.28-19865.08)	4.32 (4.1-4.52)	0.98 (0.8 to 1.15)
Jordan	26.83(18.58 - 35.6)	2.04 (1.44 - 2.73)	79.84 (66.47-102.76)	1.7 (1.42-2.19)	-1.08 (-1.29 to -0.87)
Kazakhstan	202.3(172.4 - 243.17)	1.57 (1.32 - 1.89)	320.53 (294.13-350.48)	1.93 (1.77-2.09)	0.19 (-0.25 to 0.64)
Kenya	191.67(137.11 - 246.43)	2.67 (1.89 - 3.5)	350.05 (272.48-446.94)	1.99 (1.54-2.61)	-1.45 (-1.63 to -1.26)
Kiribati	0.53(0.45 - 0.6)	1.56 (1.34 - 1.75)	0.95 (0.77-1.15)	1.61 (1.33-1.91)	0.11 (0.08 to 0.15)
Kuwait	8.14(7.56 - 8.77)	1.29 (1.18 - 1.41)	29.11 (24.94-34.42)	1.3 (1.11-1.54)	0.45 (0.02 to 0.88)
Kyrgyzstan	25.02(22.52 - 29.37)	0.86 (0.77 - 1.02)	31.77 (28.76-35.82)	0.78 (0.7-0.87)	-0.5 (-0.69 to -0.32)
Laos	40.4(27.86 - 63.52)	2.31 (1.65 - 3.57)	67.12 (53.26-89.08)	1.94 (1.55-2.57)	-0.8 (-0.86 to -0.74)
Latvia	90.15(82.08 - 99.96)	2.44 (2.23 - 2.69)	88.83 (78.49-99.7)	2.13 (1.88-2.39)	-0.77 (-1.08 to -0.45)
Lebanon	22.94(17.61 - 35.99)	1.15 (0.89 - 1.8)	62.19 (48.31-84.63)	1.12 (0.88-1.51)	0.07 (-0.04 to 0.18)
Lesotho	22.61(17.27 - 29.16)	2.64 (2.05 - 3.37)	25.99 (18.9-33.14)	2.51 (1.89-3.15)	0 (-0.12 to 0.13)
Liberia	27.57(18.53 - 36.01)	2.65 (1.78 - 3.44)	28.14 (20.14-37.11)	1.7 (1.22-2.23)	-1.87 (-2.18 to -1.56)

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Libya	14.99(11.18 - 21.88)	0.84 (0.63 - 1.23)	44.05 (33.09-60.88)	1.07 (0.8-1.47)	1.12 (0.95 to 1.28)
Lithuania	95.76(86.78 - 105.99)	2.07 (1.88 - 2.27)	151.35 (138.8-163.97)	2.6 (2.39-2.82)	0.92 (0.57 to 1.28)
Luxembourg	24.67(22.84 - 26.58)	4.35 (4.05 - 4.66)	32.64 (28.74-36.99)	3.14 (2.76-3.57)	-1.85 (-2.13 to -1.56)
Macedonia	24.86(21.37 - 34.28)	1.49 (1.29 - 2.03)	55.42 (43.38-65.66)	1.67 (1.31-1.97)	0.41 (0.24 to 0.59)
Madagascar	274.64(176.77 - 390.95)	5.63 (3.6 - 7.86)	338.73 (230.44-471.92)	3.64 (2.46-4.97)	-2.15 (-2.38 to -1.91)
Malawi	96.54(52.66 - 142.94)	2.73 (1.52 - 3.92)	139.92 (91.08-191.2)	2.03 (1.33-2.82)	-1.68 (-2.02 to -1.34)
Malaysia	346.08(276.42 - 399.76)	4.61 (3.65 - 5.33)	833.13 (685.37-949.1)	3.97 (3.24-4.55)	-0.84 (-1.04 to -0.64)
Maldives	2.26(1.39 - 3.12)	3.62 (2.49 - 4.91)	5.46 (4.69-6.25)	2.19 (1.88-2.52)	-2.38 (-2.67 to -2.09)
Mali	90.25(56.53 - 131.81)	2.72 (1.77 - 3.87)	117.44 (82.66-160.89)	1.76 (1.25-2.37)	-1.95 (-2.2 to -1.71)
Malta	12.34(11.4 - 13.35)	2.94 (2.73 - 3.16)	21.59 (19.55-23.63)	2.33 (2.11-2.54)	-1.44 (-1.7 to -1.18)
Marshall Islands	0.84(0.52 - 1.13)	5.91 (3.89 - 7.91)	1.36 (0.89-1.82)	5.26 (3.79-6.76)	-0.6 (-0.74 to -0.46)
Mauritania	30.28(24.04 - 41.35)	3.18 (2.56 - 4.28)	32.46 (25.17-42.33)	1.87 (1.46-2.41)	-2.31 (-2.6 to -2.02)
Mauritius	10.74(9.92 - 11.64)	1.59 (1.47 - 1.72)	16.16 (14.73-17.71)	1.09 (0.99-1.19)	-1.55 (-1.75 to -1.34)
Mexico	526.84(512.54 - 543.58)	1.31 (1.27 - 1.35)	1027.43 (978.77-1071.29)	0.96 (0.91-1)	-1.36 (-1.53 to -1.2)
Moldova	42.68(38.87 - 47.51)	1.01 (0.93 - 1.11)	71 (65.53-76.57)	1.26 (1.17-1.36)	1.09 (0.76 to 1.41)
Mongolia	9.79(8.44 - 12.53)	1.02 (0.88 - 1.28)	17.45 (15.01-20.66)	0.94 (0.81-1.09)	-0.71 (-1 to -0.41)
Montenegro	40.96(36.24 - 48.65)	6.66 (5.94 - 7.93)	72.45 (63.46-83.52)	7.31 (6.43-8.4)	0.5 (0.39 to 0.62)
Morocco	125.3(87.85 - 187.69)	0.93 (0.64 - 1.39)	327.22 (240.58-457.09)	1.13 (0.84-1.58)	0.71 (0.6 to 0.82)
Mozambique	208(123.74 - 302.53)	3.94 (2.33 - 5.58)	307.27 (218.19-432.92)	3.19 (2.26-4.38)	-0.84 (-0.97 to -0.71)
Myanmar	280.81(183.84 - 410.92)	1.46 (1.01 - 2.08)	491.9 (392.22-615.04)	1.29 (1.04-1.6)	-0.53 (-0.6 to -0.47)
Namibia	23.51(17.94 - 29.28)	3.79 (2.9 - 4.62)	30.89 (24.73-37.56)	2.45 (1.98-2.94)	-2.18 (-2.6 to -1.76)
Nepal	89.72(64 - 137.6)	1.13 (0.82 - 1.71)	286.15 (223.3-369.38)	1.52 (1.19-1.95)	1.34 (1.12 to 1.56)
Netherlands	1478.5(1412.05 - 1546.43)	6.94 (6.64 - 7.25)	1480.54 (1368.81-1590.87)	4.06 (3.76-4.36)	-2.53 (-2.96 to -2.09)
New Zealand	402.91(383.27 - 422.48)	9.75 (9.29 - 10.2)	387.3 (357.79-419.86)	4.73 (4.36-5.13)	-3.28 (-3.5 to -3.06)
Nicaragua	15.72(13.22 - 18)	1.07 (0.9 - 1.23)	37.78 (33.08-44)	0.86 (0.75-1)	-1.03 (-1.17 to -0.89)

Countries and territories	1990		2017		1990-2017
	Death cases	ASR per 100,000	Death cases	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Niger	52.6(38.14 - 70.67)	2.22 (1.63 - 2.96)	78.44 (53.69-109.99)	1.33 (0.93-1.83)	-2.22 (-2.48 to -1.97)
Nigeria	959.01(672.65 - 1317.63)	2.39 (1.71 - 3.24)	1062.76 (723.3-1653.84)	1.53 (1.06-2.33)	-2.18 (-2.42 to -1.94)
North Korea	176.94(141.57 - 218.89)	1.17 (0.94 - 1.45)	349.83 (284.82-438.6)	1.17 (0.95-1.48)	-0.2 (-0.32 to -0.09)
Northern Mariana Islands	0.71(0.58 - 0.86)	5.59 (4.6 - 6.61)	0.97 (0.84-1.19)	2.37 (2.06-2.87)	-3.72 (-3.99 to -3.45)
Norway	554.12(539.22 - 569.41)	7.35 (7.16 - 7.55)	533.35 (508.78-557.91)	5.12 (4.88-5.38)	-1.78 (-2.09 to -1.48)
Oman	14.64(10.15 - 25.24)	2.2 (1.57 - 3.7)	33.26 (23.18-49)	1.89 (1.36-2.71)	-0.56 (-0.78 to -0.34)
Pakistan	1231.08(967.53 - 1601.92)	2.36 (1.85 - 3.09)	2842.09 (2172.59-3661.63)	3.24 (2.48-4.16)	1.01 (0.93 to 1.09)
Palestine	15.23(11.7 - 20.42)	1.79 (1.39 - 2.4)	32.59 (28.37-37.45)	1.6 (1.39-1.83)	-0.36 (-0.57 to -0.14)
Panama	38.05(33.98 - 42.25)	2.64 (2.35 - 2.93)	72.35 (65.63-79.43)	1.82 (1.65-2)	-1.88 (-2.12 to -1.65)
Papua New Guinea	76.59(46.76 - 111.55)	4.71 (3.24 - 6.59)	159.65 (105.94-223.11)	4.19 (3.05-5.56)	-0.64 (-0.73 to -0.55)
Paraguay	57.86(49.25 - 65.73)	2.74 (2.35 - 3.12)	157.89 (130.47-192.28)	3.12 (2.57-3.78)	0.56 (0.4 to 0.72)
Peru	160.38(138.25 - 193.01)	1.39 (1.19 - 1.68)	333.97 (277.29-396.94)	1.07 (0.89-1.27)	-1.12 (-1.3 to -0.94)
Philippines	592.33(521.83 - 682.34)	2.28 (2.01 - 2.63)	1277.97 (1116.68-1458.54)	2.15 (1.89-2.44)	-0.97 (-1.48 to -0.46)
Poland	1489.49(1266.4 - 1747)	3.31 (2.83 - 3.88)	2045.88 (1900.34-2209.5)	2.92 (2.71-3.15)	-0.48 (-0.73 to -0.23)
Portugal	289.12(276.38 - 302.85)	2.15 (2.06 - 2.25)	468.9 (430.25-509.41)	1.79 (1.63-1.94)	-1.02 (-1.2 to -0.84)
Puerto Rico	77.83(71.52 - 84.83)	2.1 (1.93 - 2.28)	86.35 (78.65-95.55)	1.12 (1.02-1.24)	-3.14 (-3.41 to -2.86)
Qatar	2.27(1.75 - 3.45)	2.95 (2.4 - 4.27)	7.81 (6.11-9.97)	1.24 (1.02-1.55)	-4.2 (-4.68 to -3.72)
Romania	481.21(430.02 - 538.23)	1.79 (1.62 - 1.99)	770.33 (718.39-824.05)	2.08 (1.94-2.22)	0.66 (0.47 to 0.85)
Russian Federation	4751.2(4494.53 - 4973.74)	2.65 (2.51 - 2.77)	8132.14 (7871.13-8395.43)	3.49 (3.38-3.61)	0.74 (0.46 to 1.02)
Rwanda	98.47(64.13 - 146.72)	3.96 (2.55 - 5.81)	74.51 (50.37-111.9)	1.62 (1.1-2.43)	-4.25 (-4.7 to -3.79)
Saint Lucia	6.19(5.33 - 7.39)	7.05 (6.08 - 8.38)	10.78 (9.76-11.81)	5.27 (4.77-5.78)	-1.42 (-1.6 to -1.25)
Saint Vincent and the Grenadines	2.43(2.22 - 2.65)	3.24 (2.97 - 3.52)	3.92 (3.56-4.29)	2.85 (2.59-3.13)	-0.57 (-0.7 to -0.44)
Samoa	2.49(1.94 - 3.08)	3.53 (2.75 - 4.4)	3.62 (2.79-4.39)	3.14 (2.41-3.82)	-0.7 (-0.83 to -0.56)
Sao Tome and Principe	1.25(0.85 - 1.82)	1.92 (1.31 - 2.76)	1.62 (1.27-2.11)	1.78 (1.4-2.27)	-0.76 (-1.02 to -0.5)
Saudi Arabia	52.97(39.75 - 69.41)	0.95 (0.71 - 1.24)	184.48 (144.39-229.49)	1.53 (1.15-1.87)	2.44 (2.16 to 2.72)

Countries and territories	1990		2017		1990-2017
	Death cases	ASR per 100,000	Death cases	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Senegal	61.48(45.88 - 79.91)	2.11 (1.58 - 2.71)	83.16 (66.6-103.98)	1.31 (1.06-1.64)	-2.26 (-2.59 to -1.92)
Serbia	335.2(285.72 - 395.88)	3.04 (2.62 - 3.59)	642.13 (506.58-729.39)	4.03 (3.19-4.56)	1.53 (1.37 to 1.69)
Seychelles	1.24(1.06 - 1.54)	2.2 (1.87 - 2.72)	1.91 (1.58-2.46)	1.99 (1.65-2.55)	-0.6 (-0.73 to -0.48)
Sierra Leone	47.43(34.2 - 61.6)	2.58 (1.88 - 3.33)	57.83 (45.97-72.93)	1.9 (1.52-2.38)	-1.32 (-1.47 to -1.17)
Singapore	71.8(67.35 - 76.3)	3.6 (3.38 - 3.83)	119.48 (108.43-131.6)	1.83 (1.66-2.02)	-2.55 (-2.69 to -2.42)
Slovakia	111.73(91.92 - 170.74)	1.88 (1.56 - 2.86)	166.64 (141.92-185.78)	1.88 (1.6-2.09)	0.34 (-0.03 to 0.72)
Slovenia	52.69(48.9 - 58.23)	2.16 (2.01 - 2.39)	106.26 (95.45-117.31)	2.41 (2.17-2.65)	0.17 (-0.33 to 0.67)
Solomon Islands	3.34(2.31 - 4.64)	2.92 (2.15 - 3.96)	6.52 (4.94-8.56)	2.5 (1.91-3.2)	-0.67 (-0.71 to -0.63)
Somalia	96.77(51.72 - 162.53)	4.56 (2.71 - 7.12)	126.96 (84.54-183.11)	2.41 (1.6-3.37)	-3.15 (-3.53 to -2.77)
South Africa	615.97(484.15 - 732.29)	3.1 (2.41 - 3.75)	931.88 (846.25-1110.27)	2.35 (2.14-2.81)	-1.56 (-2.26 to -0.85)
South Korea	464.83(406.67 - 535.89)	1.92 (1.7 - 2.19)	1302.29 (1172.22-1442.44)	1.63 (1.47-1.8)	-0.7 (-0.84 to -0.56)
South Sudan	85.32(47.92 - 140.97)	4.12 (2.49 - 6.4)	66.01 (42.19-98.77)	2.15 (1.39-3.13)	-3.11 (-3.45 to -2.77)
Spain	1483.47(1421.26 - 1546.74)	2.62 (2.52 - 2.73)	2472.5 (2263-2705.78)	2.27 (2.07-2.48)	-1.16 (-1.6 to -0.73)
Sri Lanka	173.14(147.43 - 206.59)	1.93 (1.67 - 2.27)	374.3 (289.72-470.86)	1.75 (1.36-2.2)	-0.6 (-0.88 to -0.33)
Sudan	86.16(55.56 - 143.01)	0.99 (0.63 - 1.63)	182.29 (120.78-279.44)	1.1 (0.72-1.71)	0.47 (0.32 to 0.62)
Suriname	6.4(5.54 - 7.23)	2.72 (2.34 - 3.08)	13.36 (11.7-15.13)	2.48 (2.17-2.8)	-0.69 (-0.89 to -0.49)
Swaziland	8.13(6.48 - 9.82)	3.32 (2.66 - 4.02)	12.49 (9.45-15.59)	2.63 (2.06-3.25)	-0.67 (-0.95 to -0.39)
Sweden	1143.78(1098.67 - 1188.37)	6.84 (6.59 - 7.09)	1059.94 (987.86-1151.52)	4.5 (4.2-4.86)	-1.97 (-2.33 to -1.6)
Switzerland	521.73(462.04 - 587.47)	4.58 (4.07 - 5.13)	545.06 (498.93-597.76)	2.8 (2.56-3.06)	-2.03 (-2.16 to -1.9)
Syria	82.58(61.67 - 116.98)	1.73 (1.34 - 2.43)	186.61 (154-229.17)	1.7 (1.41-2.06)	-0.55 (-0.79 to -0.31)
Taiwan (Province of China)	187.29(177.86 - 197.54)	1.29 (1.22 - 1.36)	996.62 (926.64-1070.01)	2.61 (2.43-2.81)	2.64 (2.21 to 3.07)
Tajikistan	43.06(35.7 - 52.57)	1.63 (1.33 - 2.01)	82.33 (68.85-91.67)	1.89 (1.53-2.14)	0.07 (-0.23 to 0.37)
Tanzania	307.8(200.73 - 418.95)	3.31 (2.17 - 4.44)	520.15 (365.03-738.63)	2.49 (1.75-3.55)	-1.7 (-2.01 to -1.39)
Thailand	607.24(479.69 - 736.62)	2.18 (1.74 - 2.63)	1627.93 (1354.47-1817.24)	1.77 (1.48-1.98)	-1.28 (-1.44 to -1.11)
The Bahamas	5.97(5.41 - 6.67)	4.14 (3.75 - 4.62)	12.21 (11.06-13.5)	3.64 (3.29-4.02)	-0.53 (-0.62 to -0.43)

Countries and territories	1990		2017		1990-2017
	Death cases	ASR per 100,000	Death cases	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
The Gambia	8.74(6.16 - 11.64)	2.82 (2.03 - 3.69)	17.14 (13.24-21.67)	2.02 (1.58-2.52)	-1.43 (-1.58 to -1.28)
Timor-Leste	2.68(1.94 - 3.74)	1.25 (0.88 - 1.75)	10.07 (7.4-16.19)	1.51 (1.13-2.35)	0.7 (0.58 to 0.82)
Togo	29.41(22.29 - 38.06)	2.75 (2.08 - 3.55)	54.67 (42.56-69.45)	1.89 (1.51-2.37)	-1.64 (-1.8 to -1.47)
Tonga	1.01(0.86 - 1.2)	2.09 (1.79 - 2.48)	1.5 (1.21-1.79)	1.98 (1.62-2.37)	-0.22 (-0.27 to -0.18)
Trinidad and Tobago	44.18(40.24 - 49.26)	5.35 (4.87 - 5.94)	72.26 (60.58-86.31)	4.18 (3.52-4.99)	-1.33 (-1.56 to -1.09)
Tunisia	41.88(31.36 - 62.58)	0.98 (0.74 - 1.48)	116.36 (82.23-164.22)	1.04 (0.74-1.46)	-0.01 (-0.14 to 0.11)
Turkey	953.47(693.94 - 1327.05)	2.8 (2.06 - 3.98)	2155.73 (1876.13-2696.34)	2.51 (2.19-3.15)	-0.35 (-0.71 to 0)
Turkmenistan	20.71(18.33 - 24.15)	1.18 (1.01 - 1.4)	80.78 (67.02-98.63)	2.36 (1.91-2.94)	2.84 (2.43 to 3.24)
Uganda	145.16(93.34 - 210.24)	2.57 (1.63 - 3.8)	196.53 (129.98-286.12)	1.72 (1.14-2.55)	-2.16 (-2.5 to -1.83)
Ukraine	1577.05(1431 - 1797.39)	2.16 (1.97 - 2.44)	1937.21 (1810.88-2076.27)	2.56 (2.38-2.73)	0.21 (-0.13 to 0.55)
United Arab Emirates	6.22(4.01 - 10.94)	1.47 (0.87 - 2.7)	67.68 (45.68-117.12)	2.07 (1.37-3.64)	1.31 (1.11 to 1.51)
United Kingdom	9399.59(9249.31 - 9543.37)	9.29 (9.15 - 9.44)	7709.94 (7516.57-7934.43)	5.37 (5.24-5.53)	-2.73 (-3.11 to -2.35)
United States	16528.93(16278.95 16778.96)	- 4.78 (4.71 - 4.86)	13081.38 (12627.95-13516.43)	2.32 (2.23-2.39)	-3.42 (-3.71 to -3.13)
Uruguay	240(221.31 - 259.02)	5.97 (5.51 - 6.42)	284.26 (253.51-316.94)	4.97 (4.41-5.56)	-0.94 (-1.09 to -0.78)
Uzbekistan	63.94(47.82 - 79.75)	0.59 (0.43 - 0.74)	219.29 (193.76-248.76)	1.3 (1.15-1.46)	3.45 (3.19 to 3.71)
Vanuatu	2.61(1.87 - 3.48)	4.41 (3.19 - 5.78)	5.9 (4.11-8.8)	4.1 (2.88-5.95)	-0.39 (-0.44 to -0.33)
Venezuela	246.1(221.72 - 273.37)	2.72 (2.46 - 3.04)	588.28 (504.41-684.51)	2.3 (1.97-2.67)	-1.1 (-1.32 to -0.89)
Vietnam	536.29(419.63 - 719.59)	1.45 (1.13 - 1.94)	1225.2 (1014.99-1505.78)	1.51 (1.26-1.85)	-0.05 (-0.16 to 0.06)
Virgin Islands, U.S.	2.66(2.36 - 2.96)	3.56 (3.19 - 3.97)	5.98 (4.89-6.89)	3.26 (2.7-3.71)	-0.48 (-0.66 to -0.3)
Yemen	50.24(27.89 - 100.07)	1.07 (0.62 - 2.07)	151.41 (104.24-224.27)	1.32 (0.91-1.92)	0.75 (0.67 to 0.83)
Zambia	79.36(53.06 - 109.91)	3.28 (2.15 - 4.41)	115.05 (81.38-146.81)	2.13 (1.52-2.73)	-2.45 (-2.83 to -2.07)
Zimbabwe	98.5(76.72 - 116.23)	2.64 (2.12 - 3.08)	179.81 (131.48-231.11)	2.92 (2.18-3.64)	0.74 (0.11 to 1.37)

ASR: Age-standardized rate; EAPC: Estimated annual percentage change.

e-Table 3 The DALYs and age-standardized DALYs rate of aneurysm in 1990 and 2017, and its temporal trends from 1990 to 2017 in 195 countries and territories.

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Afghanistan	1930.04(798.21 - 4216.74)	26.57 (11.59 - 57.69)	3482.75 (2160.9 - 6186.67)	26.92 (17.59-46.85)	0.08 (-0.03 to 0.19)
Albania	523.48(472.27 - 603.96)	21.82 (19.6 - 25.6)	846.5 (670.08 - 1046.66)	21.5 (17.01-26.54)	0.15 (-0.14 to 0.43)
Algeria	2584.52(1867.86 - 3672.01)	18.78 (13.5 - 26.6)	5872.84 (4282.52 - 8029.89)	17.27 (12.52-23.73)	-0.27 (-0.35 to -0.19)
American Samoa	17.33(14.33 - 19.63)	71.31 (59.61 - 81.13)	18.88 (16.28 - 23.23)	43.9 (38.19-53.23)	-2.12 (-2.46 to -1.79)
Andorra	69.7(50.21 - 90.54)	117.81 (85.59 - 152.52)	94.26 (67.21 - 123.38)	70.81 (50.37-93.06)	-2.17 (-2.32 to -2.02)
Angola	3842.72(2228.38 - 6214.07)	91.94 (57.62 - 143.46)	6840.07 (5197.07 - 9084.23)	61.62 (48.23-79.51)	-1.92 (-2.12 to -1.73)
Antigua and Barbuda	25.9(23.21 - 28.76)	48.61 (43.71 - 54.05)	34.11 (31.05 - 37.88)	34.54 (31.4-38.42)	-1.65 (-1.85 to -1.45)
Argentina	41134.29(37208.26 - 46278.35)	124.43 (112.73 - 139.75)	42613.85 (37740.93 - 48012.1)	80.31 (71.03-90.65)	-2 (-2.2 to -1.81)
Armenia	3437.97(3012.49 - 3986.99)	123.94 (108.62 - 143.83)	6249.36 (5832.53 - 6711.62)	150.34 (140.17-161.18)	0.79 (0.57 to 1.02)
Australia	24153.41(23191.45 - 25082.74)	117.33 (112.75 - 121.86)	17648.36 (15790.5 - 19749.12)	43.33 (38.68-48.55)	-4.33 (-4.56 to -4.1)
Austria	7892.72(7531.64 - 8262.68)	68.54 (65.46 - 71.58)	6882.64 (6339.58 - 7462.79)	42.03 (38.5-45.65)	-2.38 (-2.63 to -2.12)
Azerbaijan	1395.07(1152.15 - 1743.13)	25.87 (20.79 - 33.54)	3364.36 (2821.82 - 3874.4)	36.76 (30.37-42.41)	0.91 (0.68 to 1.15)
Bahrain	63.31(55.51 - 75.02)	28.45 (24.23 - 36.86)	178.45 (146.05 - 212.64)	16.94 (14.61-19.93)	-2.28 (-2.51 to -2.05)
Bangladesh	14691.52(9900.33 - 21403.43)	29.15 (20.04 - 42.62)	34488.43 (26812.66 - 44133.54)	28 (21.85-35.9)	0.04 (-0.14 to 0.21)
Barbados	153.44(135.27 - 173.04)	50.61 (44.9 - 56.58)	193.16 (171.49 - 217.42)	40.37 (35.86-45.35)	-1.24 (-1.41 to -1.06)
Belarus	6114.56(4904.83 - 7197.31)	46.59 (37.56 - 55.27)	8302.17 (7315.31 - 9519.17)	54.25 (47.5-62.86)	0.49 (0.18 to 0.81)
Belgium	12741.2(12063.26 - 13466.43)	80.94 (76.74 - 85.42)	9797.76 (8923.58 - 10737.07)	43.19 (39.28-47.39)	-2.82 (-3.02 to -2.61)
Belize	29.44(25.86 - 34.08)	30.32 (26.59 - 35.19)	79.66 (71.15 - 86.69)	30.61 (27.2-33.5)	-0.7 (-1.16 to -0.24)
Benin	1004.77(756.98 - 1335.98)	46.81 (35.05 - 61.94)	1586.96 (1102.5 - 2211.35)	32.2 (22.91-44.14)	-1.6 (-1.76 to -1.45)
Bermuda	89.39(72.05 - 104.47)	139.91 (112.98 - 163.36)	100.31 (90.93 - 110.2)	80.37 (72.85-88.21)	-2.28 (-2.4 to -2.15)
Bhutan	96.51(65.51 - 139.58)	36.55 (25.71 - 51.52)	269.83 (201.65 - 359.07)	43.93 (32.92-58.63)	0.78 (0.72 to 0.84)
Bolivia	1800.11(1009.9 - 2600.26)	50.61 (28.91 - 72.42)	3625.2 (2692.87 - 4683.2)	41.35 (30.83-53.48)	-0.73 (-0.77 to -0.69)
Bosnia and Herzegovina	2389.73(1958.81 - 2910.8)	54.52 (45.47 - 66.07)	3370.11 (2686.13 - 3816.21)	58.79 (47.52-66.44)	0.18 (-0.05 to 0.41)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Botswana	379.96(293.52 - 476.94)	61.25 (48.06 - 75.73)	511.4 (403.69 - 666.17)	37.97 (30.18-49.25)	-1.92 (-2.04 to -1.81)
Brazil	88492.99(86384.89 - 90748.53)	88.53 (86.5 - 90.71)	210007.31 (200166.3 - 218697.83)	91.32 (87.08-95.03)	-0.18 (-0.34 to -0.01)
Brunei	128.83(97.28 - 160.85)	113.66 (87.22 - 141.78)	298.84 (265.27 - 337.99)	93.92 (83.74-106)	-0.59 (-0.78 to -0.41)
Bulgaria	4967.25(4584.22 - 5312.74)	42.1 (39.05 - 44.8)	6788.37 (6233.1 - 7381.31)	57.93 (53.08-63.11)	1.29 (1.01 to 1.56)
Burkina Faso	1787.55(1266.63 - 2419.3)	38.53 (27.29 - 51.75)	2793.22 (2045.2 - 3805.09)	31.02 (22.99-41.82)	-0.88 (-1 to -0.76)
Burundi	2500.29(1642.5 - 3639.23)	101.64 (70.25 - 146.11)	1720.99 (1184.07 - 2404.56)	38.82 (26.87-54.59)	-4.32 (-4.75 to -3.9)
Cambodia	1243.48(698.39 - 2049.37)	25.94 (15.41 - 42.25)	2800.89 (2273.91 - 3627.18)	25.27 (20.82-32.75)	-0.19 (-0.27 to -0.11)
Cameroon	2468.74(1890.89 - 3237.22)	52.18 (40.21 - 67.95)	4441.48 (3406.99 - 5771.88)	35.96 (27.7-46.55)	-1.64 (-1.78 to -1.49)
Canada	33437.42(32118.57 - 34803.55)	98.56 (94.82 - 102.54)	27289.68 (25023.05 - 29542.35)	41.59 (38.16-45.12)	-4.01 (-4.33 to -3.68)
Cape Verde	49.58(39.93 - 60.4)	21.03 (16.97 - 25.61)	109.11 (90.95 - 127.06)	24.36 (20.2-28.6)	0.46 (0.39 to 0.54)
Central African Republic	1311.92(666.75 - 2145.02)	105.97 (58.37 - 167.76)	1784.98 (950.06 - 2847.36)	77.26 (46.05-117.73)	-1.45 (-1.58 to -1.33)
Chad	1257.01(916.8 - 1636.46)	42.01 (30.65 - 54.64)	1869.19 (1372.85 - 2525.08)	32.84 (24.1-44.41)	-1.11 (-1.27 to -0.95)
Chile	5916.12(5530.49 - 6347.7)	56.05 (52.56 - 60.1)	12003.09 (10639.32 - 13509.02)	52.45 (46.53-59.17)	-0.13 (-0.34 to 0.09)
China	191163.4(157359.64 - 245087.71)	20.38 (16.61 - 25.58)	330759.23 (295635.53 - 367747.77)	17.24 (15.4-19.05)	-0.97 (-1.2 to -0.74)
Colombia	15181.96(14546.81 - 15885.24)	78.39 (75.06 - 82.42)	25809.99 (22387.47 - 29436.55)	48.15 (41.74-54.89)	-2.65 (-3 to -2.31)
Comoros	223.82(150.65 - 332.63)	99.39 (66.75 - 145.48)	204.62 (146.82 - 273.8)	43.91 (31.21-58.69)	-3.54 (-3.96 to -3.12)
Congo	1344(908.41 - 1988.27)	115.6 (81.53 - 168.55)	1871.41 (1410.52 - 2379.67)	73.53 (55.41-91.32)	-2.15 (-2.42 to -1.89)
Costa Rica	732.09(650.22 - 836.51)	38.14 (33.71 - 43.8)	2512.58 (2274.24 - 2779.83)	51.07 (46.22-56.46)	0.88 (0.67 to 1.09)
Cote d'Ivoire	2442.43(1753.36 - 3114.27)	52.22 (37.56 - 65.63)	4414.78 (3406.89 - 5597.99)	39.21 (30.53-49.41)	-1.4 (-1.59 to -1.22)
Croatia	2811.66(2653.44 - 2980.73)	43.43 (41.12 - 45.9)	5618.68 (5183.51 - 6086.37)	69.02 (63.56-75.15)	1.91 (1.53 to 2.29)
Cuba	9449.72(8559.47 - 10675.2)	88.79 (80.53 - 100.16)	11826.16 (10449.73 - 13502.99)	63.63 (56.26-72.62)	-1.51 (-1.65 to -1.36)
Cyprus	1039.09(822.03 - 1257.61)	120.54 (96.34 - 143.96)	1410.18 (1203.4 - 1664.43)	75.03 (64-87.54)	-2.12 (-2.5 to -1.75)
Czech Republic	6528.31(6149.59 - 6903.96)	48.15 (45.35 - 50.76)	10458.49 (9688.63 - 11347.16)	53.93 (49.92-58.4)	0.83 (0.61 to 1.05)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Democratic Republic of the Congo	12124.69(8100.54 - 17548.07)	73.66 (49.05 - 104.35)	18389.86 (13361.36 - 24714.18)	51.85 (37.88-68.73)	-1.69 (-1.95 to -1.44)
Denmark	10379.37(9577.26 - 11158.29)	124.94 (115.4 - 134.12)	8642.64 (7860.44 - 9475.26)	75.21 (68.62-82.17)	-2.33 (-2.64 to -2.02)
Djibouti	147.41(91.28 - 221.14)	82.05 (51.38 - 121.25)	280.88 (178.48 - 398.53)	47.14 (30.32-66.74)	-2.79 (-3.14 to -2.43)
Dominica	59.43(52 - 66.89)	78.96 (69.63 - 88.75)	68.07 (61.47 - 74.77)	73.77 (66.66-81.24)	-0.48 (-0.61 to -0.36)
Dominican Republic	1288.69(1066.81 - 1471.92)	31.36 (26.14 - 35.76)	3649.86 (3014.15 - 4432.28)	39.09 (32.19-47.89)	0.81 (0.52 to 1.11)
Ecuador	2261.25(1996.41 - 2530.74)	37.73 (32.89 - 42.54)	5385.48 (4801.03 - 6076.43)	35.84 (32.02-40.35)	-0.15 (-0.35 to 0.05)
Egypt	7055.46(4391.28 - 12735.8)	23.01 (14.62 - 41.86)	18368.23 (10647.26 - 30167.67)	29.33 (17.27-47.71)	0.92 (0.83 to 1.01)
El Salvador	776.69(682.39 - 913.18)	23.62 (20.86 - 27.42)	1378.59 (1127.74 - 1665.16)	23.89 (19.55-28.77)	0.06 (-0.12 to 0.23)
Equatorial Guinea	225.62(118.02 - 384.2)	108.16 (61.11 - 178.74)	278.4 (186.95 - 396.63)	58.58 (40.09-82.05)	-2.85 (-3.22 to -2.48)
Eritrea	1333.04(731.47 - 2295.71)	117.02 (71.6 - 191.2)	1388.67 (873.46 - 1958.51)	52.28 (33.4-72.12)	-3.69 (-3.99 to -3.39)
Estonia	1278.89(1163.14 - 1403.76)	62.09 (56.59 - 68.15)	1400.57 (1180.15 - 1719.45)	58.02 (48.9-70.15)	-0.55 (-0.95 to -0.14)
Ethiopia	11465.1(5930.77 - 20474.76)	53.22 (30.96 - 90.26)	10227.36 (7062.62 - 13406.72)	24.55 (16.76-33.25)	-3.4 (-3.63 to -3.16)
Federated States of Micronesia	53.93(37.94 - 69.97)	102.98 (75.85 - 131.77)	58.02 (41.91 - 74.69)	79.25 (60.73-99.61)	-1.18 (-1.26 to -1.09)
Fiji	472.37(405.4 - 549.08)	116 (99.46 - 134.05)	812.32 (692.2 - 947.81)	108.6 (93.32-125.35)	-0.46 (-0.63 to -0.28)
Finland	11030.66(9974.49 - 12173.2)	152.27 (138.06 - 166.87)	8843.47 (8071.85 - 9753.22)	75.75 (69.28-83.27)	-2.59 (-2.74 to -2.45)
France	52034.82(49954.21 - 54315.62)	62.09 (59.6 - 64.69)	44524.47 (40505.48 - 48900.06)	34.39 (31.06-38.12)	-2.68 (-2.97 to -2.38)
Gabon	622.56(455.71 - 817.1)	105.59 (78.71 - 137.47)	762.59 (569.37 - 929.58)	71.75 (53.76-87.15)	-1.74 (-1.88 to -1.59)
Georgia	1312.76(1147.16 - 1502.33)	20.98 (18.51 - 23.89)	3648.54 (3327.17 - 4013.64)	66.63 (61.09-73.1)	6.16 (5.06 to 7.27)
Germany	86183.93(79850.84 - 92866.75)	67.88 (63.25 - 73.04)	75706.2 (67057.12 - 85258.46)	43.76 (38.77-49.34)	-1.76 (-1.9 to -1.61)
Ghana	3490.13(2814.86 - 4181)	49.49 (40.19 - 58.76)	5791.92 (4648.05 - 7007.08)	34.78 (28.29-42.29)	-2.14 (-2.78 to -1.49)
Greece	11373.18(10860.97 - 11943.92)	76.44 (73.14 - 80.32)	16887.15 (15586.36 - 18428.85)	81.28 (75.24-88.4)	-0.06 (-0.34 to 0.23)
Greenland	21.31(17.06 - 24.62)	61.84 (49.24 - 72.09)	23.64 (19.5 - 27.05)	36.49 (30.17-41.56)	-2.3 (-2.49 to -2.12)
Grenada	72.97(63.13 - 85.03)	102.11 (88.14 - 119.31)	127.65 (116.72 - 139)	84.85 (77.76-92.5)	-0.72 (-1 to -0.44)
Guam	107.03(76.48 - 130.55)	124.48 (90.24 - 149.48)	137.49 (112.77 - 197.45)	76.95 (63.49-110.02)	-2.14 (-2.34 to -1.94)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Guatemala	1167.14(1026.47 - 1352.36)	30.04 (26.28 - 34.46)	2149.44 (1908.05 - 2438.09)	18.91 (16.77-21.36)	-2.4 (-2.72 to -2.08)
Guinea	1631.3(1247.84 - 2279.44)	46.54 (35.66 - 64.67)	2279.35 (1585.83 - 3187.51)	40.01 (27.9-55.23)	-0.6 (-0.85 to -0.34)
Guinea-Bissau	352.18(219.51 - 518.25)	79.62 (52.02 - 115.26)	385.38 (247.29 - 557.91)	48.82 (32.54-69.69)	-2.09 (-2.28 to -1.89)
Guyana	183.9(169.08 - 198.4)	44.8 (41.03 - 48.72)	378.39 (330.14 - 431.26)	61.54 (53.9-69.76)	1.21 (0.67 to 1.76)
Haiti	2507.1(1524.05 - 3576.87)	75.26 (47.81 - 106.75)	4495.79 (3462.97 - 5926.75)	67.26 (52.79-87.28)	-0.41 (-0.47 to -0.35)
Honduras	516.98(418.87 - 695.13)	22.33 (17.75 - 29.26)	1320.36 (1009.66 - 1786.96)	21.84 (16.64-29.35)	-0.21 (-0.36 to -0.05)
Hungary	8174.56(7843.8 - 8500.09)	56.08 (53.86 - 58.3)	9185.88 (8479.26 - 9899.2)	51.31 (47.34-55.34)	-0.34 (-0.57 to -0.12)
Iceland	217.89(201.63 - 234.16)	74.92 (69.28 - 80.36)	252.29 (232.15 - 274.05)	48.16 (44.22-52.27)	-2.06 (-2.27 to -1.84)
India	146872.32(106010.08 - 205338.01)	29.95 (22.24 - 41.64)	362069.72 (300333.76 - 435937.53)	33.13 (27.6-39.81)	0.24 (0.03 to 0.46)
Indonesia	25382.27(21186.74 - 31998.13)	24.88 (20.37 - 31.19)	60261.8 (49257.34 - 78069.81)	29.6 (24.14-38.35)	0.67 (0.6 to 0.74)
Iran	4940.03(4251.94 - 6041.05)	16.73 (14.28 - 20.4)	12840.46 (10741.89 - 13878)	17.81 (14.93-19.26)	0.57 (0.4 to 0.73)
Iraq	5546.76(4247.14 - 7000.63)	68.27 (53.55 - 84.79)	5917.65 (5264.66 - 6948.89)	25.02 (22.35-28.68)	-4.18 (-4.77 to -3.58)
Ireland	4225.19(4018.27 - 4450.68)	97.17 (92.47 - 102.25)	4393.46 (3947.85 - 4897.35)	60.41 (54.29-67.48)	-2.48 (-2.91 to -2.05)
Israel	1971.59(1821.57 - 2151.11)	39.41 (36.6 - 42.81)	2773.68 (2493.13 - 3070.57)	25.02 (22.46-27.68)	-2.17 (-2.37 to -1.98)
Italy	48885.56(46774.42 - 51086.88)	54.72 (52.42 - 57.03)	54222.94 (49586.61 - 59349.68)	40.37 (36.74-44.57)	-1.68 (-2.08 to -1.28)
Jamaica	668.53(596.81 - 762.13)	36.64 (32.73 - 41.72)	1370.64 (1118.8 - 1638.48)	47.63 (38.86-57.06)	0.56 (0.16 to 0.95)
Japan	98999.17(97047.52 - 101029.01)	57.94 (56.79 - 59.12)	229473.76 (216994.82 - 240683.29)	68.71 (64.74-72.68)	0.99 (0.81 to 1.18)
Jordan	763.67(516.61 - 985.25)	43.81 (29.87 - 59.05)	1885.33 (1574.92 - 2367.93)	29.93 (24.91-38.59)	-1.91 (-2.14 to -1.68)
Kazakhstan	5410.45(4731.71 - 6449.79)	38.4 (33.45 - 45.9)	8442.48 (7649.69 - 9563.82)	46.66 (42.55-52.29)	0.13 (-0.42 to 0.68)
Kenya	4485.9(3262.26 - 5564.98)	50.09 (36.06 - 63.78)	8567.69 (6731.09 - 10467.57)	38.2 (29.79-48.41)	-1.32 (-1.51 to -1.13)
Kiribati	15.41(12.9 - 17.51)	35.15 (29.83 - 39.59)	28.46 (22.35 - 34.71)	35.92 (28.79-43.54)	0.08 (0.04 to 0.12)
Kuwait	262.18(241.01 - 285.2)	27.53 (25.42 - 29.8)	742.14 (625.17 - 886.13)	25.32 (21.34-30.34)	0.08 (-0.35 to 0.51)
Kyrgyzstan	592.41(540.65 - 686.73)	18.48 (16.8 - 21.43)	766.28 (687.17 - 875.59)	16.21 (14.59-18.51)	-0.77 (-1.06 to -0.47)
Laos	1034.33(660.01 - 1661.02)	45.84 (31.17 - 72.52)	1535.14 (1158.13 - 2074.49)	35.46 (27.58-47.5)	-1.12 (-1.18 to -1.06)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Latvia	1902.11(1727.9 - 2118.64)	52.52 (47.74 - 58.25)	1637.53 (1437.9 - 1853.97)	44.94 (39.17-51.18)	-0.96 (-1.34 to -0.58)
Lebanon	540.99(410.93 - 860.97)	22.82 (17.44 - 35.95)	1324.19 (999.44 - 1840.43)	21.04 (16.14-29.02)	-0.11 (-0.24 to 0.01)
Lesotho	509.34(383.52 - 659.95)	49.88 (37.82 - 64.38)	616.88 (426.42 - 804.2)	49.01 (34.59-63.05)	0.21 (0.01 to 0.4)
Liberia	621.8(413.63 - 821.22)	52.41 (35.02 - 69)	682 (484.2 - 917.32)	32.91 (23.72-43.8)	-1.97 (-2.3 to -1.64)
Libya	367.98(275.43 - 543.21)	16.7 (12.49 - 24.48)	1122.87 (820.1 - 1560.42)	21.74 (16.11-30.07)	1.19 (1.06 to 1.33)
Lithuania	2204.5(1982.69 - 2464.43)	48.28 (43.42 - 53.89)	2994.16 (2730.27 - 3257.71)	59.23 (53.77-64.78)	0.79 (0.38 to 1.2)
Luxembourg	434.45(404.15 - 465.33)	78.36 (72.93 - 84.08)	473.6 (411.12 - 543.65)	49.75 (43.17-57.16)	-2.37 (-2.68 to -2.07)
Macedonia	542.52(467.41 - 742.05)	28.37 (24.52 - 38.94)	1157.2 (877.42 - 1371.87)	35.56 (27-42.03)	0.95 (0.73 to 1.17)
Madagascar	7813.91(5074.17 - 11373.95)	126.55 (81.62 - 181.43)	9916.28 (6726.19 - 14132.41)	79.81 (54.25-111.3)	-2.24 (-2.47 to -2)
Malawi	2208.3(1102.86 - 3473.85)	50.79 (27.13 - 77.25)	3223.32 (2090.06 - 4411.49)	39.95 (26.07-54.41)	-1.55 (-1.96 to -1.14)
Malaysia	6974.04(5781.77 - 8025.93)	77.13 (62.31 - 88.95)	15910.44 (13369.94 - 18291.34)	64.85 (53.84-73.98)	-0.85 (-1.01 to -0.68)
Maldives	53.51(28.88 - 76.05)	61.01 (37.34 - 84.08)	94.05 (80.88 - 108.49)	33.54 (28.79-38.71)	-2.79 (-3.05 to -2.53)
Mali	2218.87(1346.72 - 3287.32)	52.5 (32.69 - 76.83)	2655.4 (1857.75 - 3718.1)	31.34 (21.89-43.35)	-2.29 (-2.57 to -2.01)
Malta	220.74(204.74 - 238.94)	50.64 (47.1 - 54.65)	336.17 (304.14 - 370.16)	38.96 (35.37-42.62)	-1.55 (-1.81 to -1.28)
Marshall Islands	21.84(12.9 - 29.89)	118.2 (72.63 - 160.29)	38.71 (23.94 - 52.99)	107.42 (71.2-143.67)	-0.52 (-0.69 to -0.36)
Mauritania	690.62(544.05 - 928.99)	63.82 (50.58 - 86.14)	683.67 (526.54 - 895.63)	33.82 (26.25-44.57)	-2.69 (-3 to -2.38)
Mauritius	271.95(251.52 - 294.05)	32.9 (30.43 - 35.59)	337.45 (305.82 - 372.17)	21.19 (19.25-23.23)	-1.77 (-1.96 to -1.57)
Mexico	11082.86(10793.02 - 11413.57)	23.39 (22.75 - 24.1)	19793.76 (18887.35 - 20654.36)	17.21 (16.41-17.93)	-1.32 (-1.45 to -1.18)
Moldova	1109.71(1001.62 - 1243.54)	24.19 (21.97 - 27.01)	1757.81 (1620.75 - 1914.98)	32.49 (29.98-35.38)	1.45 (1.06 to 1.85)
Mongolia	230.87(195.81 - 303.01)	20.5 (17.49 - 26.68)	466.57 (397.62 - 568.69)	19.11 (16.43-22.67)	-0.69 (-1.02 to -0.36)
Montenegro	960.27(848.31 - 1160.61)	147.93 (130.87 - 178.3)	1420.74 (1234.22 - 1633.18)	147.15 (127.91-168.85)	0.05 (-0.1 to 0.19)
Morocco	2977.92(2135.9 - 4487.03)	18.98 (13.42 - 28.43)	7163.85 (5257 - 10127.01)	22.09 (16.18-30.97)	0.53 (0.44 to 0.61)
Mozambique	5301.01(3234.72 - 7946.88)	79.31 (47.59 - 115.9)	8289.76 (5758.66 - 12109.35)	67.05 (47.25-95.51)	-0.63 (-0.77 to -0.49)
Myanmar	6751.01(4091.04 - 9956.51)	27.78 (17.75 - 40.72)	9984.41 (7673.09 - 12666.77)	22.74 (17.75-28.69)	-0.85 (-0.92 to -0.77)
Namibia	520.49(398.14 - 648.7)	69.29 (52.99 - 85.9)	597.91 (463.69 - 746.06)	42.11 (33.06-52)	-2.45 (-2.94 to -1.96)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Nepal	2161.78(1499.42 - 3397.57)	21.91 (15.53 - 33.73)	5839.03 (4440.98 - 7598.18)	27.17 (20.9-35.17)	1.03 (0.78 to 1.27)
Netherlands	24100.35(22981.91 - 25210.34)	115.89 (110.63 - 121.36)	20258.9 (18622.04 - 21919.2)	59.82 (55-64.7)	-3.07 (-3.53 to -2.6)
New Zealand	6751.03(6427.61 - 7076.62)	163.53 (155.96 - 171.27)	5554.45 (5143.94 - 6008.76)	73.22 (67.83-79.11)	-3.63 (-3.86 to -3.39)
Nicaragua	339.24(292.09 - 384.33)	19.27 (16.39 - 21.88)	720.73 (619.31 - 865.34)	15.39 (13.25-18.29)	-1.03 (-1.15 to -0.92)
Niger	1332.48(960.08 - 1793.71)	43.13 (31.25 - 57.99)	1931.56 (1268.07 - 2764.13)	25.04 (17.02-35.26)	-2.38 (-2.65 to -2.11)
Nigeria	20861.07(14301.15 - 29616.61)	44.71 (30.97 - 62.71)	23143.98 (15422.16 - 37046.8)	27.3 (18.31-43.54)	-2.37 (-2.62 to -2.12)
North Korea	4687.55(3587.51 - 5965.39)	26.27 (20.65 - 32.88)	8507.09 (6954.13 - 10512.64)	26.99 (22.03-33.33)	-0.02 (-0.1 to 0.06)
Northern Mariana Islands	19.84(15.8 - 24.19)	93.66 (75.93 - 112.31)	22.24 (18.98 - 27.52)	43.26 (37.36-53.09)	-3.33 (-3.54 to -3.11)
Norway	8886.23(8645.38 - 9131.34)	126.22 (122.97 - 129.58)	7292.4 (6903.22 - 7724.22)	77.03 (72.75-81.72)	-2.3 (-2.6 to -1.99)
Oman	416.55(278.26 - 727.01)	47.89 (32.46 - 83.12)	960.4 (652.42 - 1441.35)	37.9 (26.13-55.23)	-0.95 (-1.14 to -0.75)
Pakistan	25869.53(20743.85 - 33779.09)	44.08 (34.87 - 57.65)	63470.06 (48614.67 - 80783.98)	56.7 (43.21-72.21)	0.73 (0.62 to 0.85)
Palestine	334.46(241.59 - 450.14)	33.9 (24.84 - 46.19)	706.81 (620.53 - 817.81)	27.71 (24.21-32.12)	-0.67 (-0.92 to -0.41)
Panama	815.81(734.72 - 897.82)	50.79 (45.62 - 56.06)	1454.44 (1311.88 - 1605.66)	36.65 (33.02-40.41)	-1.58 (-1.79 to -1.38)
Papua New Guinea	2405.69(1372.54 - 3589.94)	110.46 (68.91 - 161.32)	5058.58 (3146.21 - 7314.07)	95.45 (64.54-132.53)	-0.72 (-0.79 to -0.64)
Paraguay	1296.68(1083.2 - 1506.9)	54.77 (46.14 - 63.31)	3421.75 (2786.3 - 4225.6)	62.67 (51.23-77.32)	0.56 (0.35 to 0.76)
Peru	3656.53(3172.77 - 4338.1)	27.32 (23.65 - 32.6)	6230.68 (5076.92 - 7473.12)	20.11 (16.37-24.1)	-1.24 (-1.42 to -1.06)
Philippines	15196.75(13652.59 - 17261.47)	44.7 (39.54 - 51.51)	30614.72 (26390.98 - 35100.29)	40.99 (35.59-46.83)	-1.12 (-1.67 to -0.57)
Poland	32941.44(27833.53 - 38975.46)	72.69 (61.55 - 85.78)	40122.14 (37044.6 - 43413.39)	61.56 (56.73-66.63)	-0.61 (-0.88 to -0.34)
Portugal	5540.39(5294.43 - 5808.1)	40.95 (39.22 - 42.83)	6988.36 (6305.3 - 7679.12)	32.01 (28.71-35.36)	-1.22 (-1.42 to -1.03)
Puerto Rico	1364.24(1263.58 - 1474.22)	36.28 (33.63 - 39.16)	1300.49 (1179.07 - 1440.05)	19.45 (17.69-21.47)	-3.12 (-3.4 to -2.85)
Qatar	70.41(52.19 - 109.42)	47.98 (37.62 - 72.17)	242.42 (186.38 - 313.81)	20.8 (16.49-26.02)	-3.92 (-4.3 to -3.55)
Romania	11493.57(10300.16 - 12921.22)	41.38 (37.28 - 46.24)	15024.5 (14010.55 - 16100.3)	45.89 (42.76-49.16)	0.38 (0.21 to 0.54)
Russian Federation	112328.16(104476.84 - 119028.2)	61.01 (56.64 - 64.7)	172621.65 (166252 - 179497.47)	77.04 (74.06-80.42)	0.59 (0.28 to 0.91)
Rwanda	2471.26(1623.15 - 3816.76)	78.14 (51.35 - 116.87)	1722.51 (1186.32 - 2534.01)	29.52 (20.17-44.17)	-4.72 (-5.24 to -4.2)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Saint Lucia	112.9(97.58 - 133.03)	121.93 (105.53 - 144.02)	187.54 (170.68 - 205.26)	90.83 (82.44-99.45)	-1.44 (-1.62 to -1.25)
Saint Vincent and the Grenadines	43.97(40.45 - 47.55)	57.26 (52.68 - 61.87)	72.34 (65.71 - 79.17)	53.48 (48.45-58.53)	-0.42 (-0.55 to -0.29)
Samoa	57.8(45.67 - 71.33)	66.32 (51.89 - 81.86)	72.76 (56.03 - 90.11)	53.95 (41.85-66.25)	-1.05 (-1.19 to -0.92)
Sao Tome and Principe	27.74(18.75 - 41.53)	39.3 (26.6 - 58.48)	38.19 (29.86 - 52.51)	34.89 (27.29-46.09)	-0.93 (-1.2 to -0.65)
Saudi Arabia	1135.95(817.13 - 1541.25)	16.99 (12.43 - 22.89)	4821.36 (3663.79 - 6325.47)	26.41 (20.55-32.53)	2.31 (2.03 to 2.59)
Senegal	1419.93(1057.84 - 1862.38)	40.98 (30.63 - 53.67)	1869.41 (1482.69 - 2355.89)	24.97 (19.85-31.37)	-2.33 (-2.68 to -1.99)
Serbia	7816.25(6496.56 - 9227.01)	66.77 (56.67 - 78.65)	11634.05 (8776.9 - 13415.72)	76.05 (57.3-87.65)	0.89 (0.74 to 1.04)
Seychelles	24.59(21.07 - 30.41)	41.99 (35.89 - 52.05)	37.68 (30.97 - 49.13)	35.92 (29.61-46.59)	-0.9 (-1.05 to -0.74)
Sierra Leone	1075.31(773.9 - 1410.03)	51.69 (36.97 - 67.55)	1414.39 (1103.5 - 1793.07)	37.96 (29.82-48.07)	-1.31 (-1.44 to -1.18)
Singapore	1551.05(1448.97 - 1658.03)	64.47 (60.42 - 68.39)	2120.44 (1917.77 - 2334.8)	31.19 (28.1-34.39)	-2.72 (-2.85 to -2.6)
Slovakia	2655.54(2155.83 - 4126.88)	44.57 (36.32 - 68.96)	3537.64 (2948.46 - 3959.68)	41.44 (34.27-46.24)	0.16 (-0.22 to 0.54)
Slovenia	1172.82(1091.4 - 1277.26)	47.27 (44.11 - 51.44)	1843.63 (1658.49 - 2042.29)	46.89 (42.15-51.99)	-0.35 (-0.87 to 0.17)
Solomon Islands	90.79(58.1 - 130.22)	59.92 (40.87 - 83.46)	168.43 (119.74 - 229.99)	49.07 (36.95-65.02)	-0.83 (-0.85 to -0.8)
Somalia	2682.49(1267.41 - 4854.93)	93.32 (50.18 - 155.97)	3446.48 (2218.07 - 5151.2)	49.16 (32.7-70.88)	-3.26 (-3.66 to -2.85)
South Africa	14310.93(11768.95 - 16114.44)	60.56 (48.5 - 70.39)	19696.04 (17899.78 - 23271.54)	43.65 (39.66-51.84)	-1.78 (-2.59 to -0.96)
South Korea	10361.88(8850.09 - 12036.19)	33.61 (29.23 - 38.95)	19533.09 (17462.47 - 21794.36)	23.72 (21.28-26.45)	-1.37 (-1.49 to -1.25)
South Sudan	2091.87(1054.68 - 3691.73)	81.34 (44.65 - 137.1)	1691.48 (1033.7 - 2616.47)	42.34 (26.97-63.94)	-3.2 (-3.57 to -2.82)
Spain	26816.07(25636.21 - 28075.11)	48.77 (46.74 - 50.98)	35666.26 (32325.85 - 39247.35)	39.63 (35.81-43.61)	-1.42 (-1.88 to -0.96)
Sri Lanka	3692.11(2969.23 - 4540.92)	33.29 (27.6 - 40.28)	6783.51 (5197.23 - 8531.62)	28.58 (22.07-35.9)	-0.77 (-1.07 to -0.47)
Sudan	2182.1(1427.05 - 3719.32)	20.86 (13.64 - 34.96)	4426.22 (2984.54 - 6749.59)	22.12 (14.75-33.73)	0.26 (0.14 to 0.39)
Suriname	133.18(117.13 - 150.01)	50.56 (44.27 - 57.18)	264.81 (230.8 - 301.63)	45.98 (40.12-52.26)	-0.73 (-0.95 to -0.52)
Swaziland	196.67(155.74 - 238.12)	62.05 (49.4 - 74.93)	314.76 (232.23 - 400.55)	51.49 (38.78-64.35)	-0.36 (-0.72 to 0)
Sweden	18396.59(17704.88 - 19132.38)	120.61 (116.31 - 125.36)	14531.07 (13541.54 - 15645.57)	71.15 (66.35-76.52)	-2.41 (-2.78 to -2.04)
Switzerland	8478.68(7474.48 - 9474.92)	80.04 (70.61 - 89.33)	7214.13 (6567.77 - 7905.84)	42.51 (38.51-46.69)	-2.59 (-2.72 to -2.46)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Syria	1943.23(1348.85 - 2748.68)	33.35 (23.9 - 47.84)	4029.36 (3268.02 - 5043.5)	31.01 (25.29-38.42)	-0.8 (-1.05 to -0.55)
Taiwan (Province of China)	4446.26(4228.47 - 4669.36)	26.12 (24.83 - 27.48)	19213.94 (17721.83 - 20796.11)	52.23 (48.22-56.46)	2.66 (2.28 to 3.05)
Tajikistan	873.22(751.46 - 1026.58)	30.33 (25.9 - 35.83)	1863.22 (1633.41 - 2089.86)	35.5 (30.06-39.58)	0.01 (-0.3 to 0.33)
Tanzania	6931.21(4429.21 - 9646.93)	60.6 (39.25 - 82.58)	11500.04 (7995.22 - 15929.09)	46.74 (32.71-65.87)	-1.65 (-1.98 to -1.32)
Thailand	12054.32(9419.3 - 15347.19)	34.15 (26.84 - 41.72)	26976.39 (23062.34 - 30275.35)	28.83 (24.78-32.33)	-1.24 (-1.45 to -1.03)
The Bahamas	127.86(114.39 - 144.72)	78.07 (70.1 - 88.28)	251.03 (226.75 - 279.08)	67.3 (60.74-74.88)	-0.59 (-0.68 to -0.51)
The Gambia	218.03(152.19 - 298.15)	55.97 (39.53 - 74.73)	397.71 (302.55 - 519.77)	40.04 (30.8-51.12)	-1.39 (-1.52 to -1.25)
Timor-Leste	74.06(52.79 - 105.69)	23.04 (16.69 - 32.17)	205.14 (144.97 - 327.18)	25.69 (18.6-40.5)	0.38 (0.24 to 0.52)
Togo	733.15(557.16 - 956.59)	53.4 (40.44 - 69.12)	1396.59 (1054.38 - 1809.67)	37.66 (29.17-47.99)	-1.54 (-1.69 to -1.38)
Tonga	22.76(18.95 - 27.18)	39.69 (33.54 - 47.02)	32.73 (26.15 - 40.12)	40.12 (32.13-49.05)	0.11 (0.05 to 0.16)
Trinidad and Tobago	912.16(831.46 - 1014.87)	103.02 (94.04 - 114.44)	1449.74 (1203.63 - 1753.69)	80.83 (67.17-97.33)	-1.3 (-1.54 to -1.07)
Tunisia	881.46(661.62 - 1300.75)	16.91 (12.75 - 24.98)	2146.43 (1483.59 - 3050.93)	17.81 (12.36-25.25)	-0.09 (-0.25 to 0.07)
Turkey	23173.16(16283.89 - 31020.7)	60.4 (42.71 - 82.14)	45210.86 (39340.28 - 53041.41)	51.49 (44.87-60.7)	-0.55 (-0.91 to -0.2)
Turkmenistan	500.51(454.92 - 566.89)	23.98 (21.69 - 27.57)	2017.76 (1706.62 - 2409.78)	49.54 (41.37-60.07)	2.85 (2.41 to 3.29)
Uganda	3415.02(2255.38 - 4900.52)	48.9 (31.63 - 70.43)	4745.01 (3177.31 - 6919.86)	32.65 (21.58-47.31)	-2.27 (-2.66 to -1.87)
Ukraine	36199.84(32968.03 - 40850.98)	49.67 (45.49 - 55.72)	45982.71 (42621.23 - 49380.6)	65.23 (60.27-70.1)	0.5 (0.09 to 0.92)
United Arab Emirates	212.23(137.94 - 361.12)	30.95 (18.53 - 56.41)	2405.6 (1640.4 - 4061.92)	43.77 (28.54-77.9)	1.32 (1.15 to 1.48)
United Kingdom	147048.57(144766.27 - 149332.83)	151.65 (149.41 - 153.94)	100065.86 (97627.66 - 102955.77)	78.15 (76.27-80.36)	-3.2 (-3.58 to -2.83)
United States	287172.08(282468.31 - 292258.78)	87.32 (85.86 - 88.89)	222449.6 (214470.2 - 230605.76)	44.21 (42.52-45.9)	-3.23 (-3.5 to -2.95)
Uruguay	4700.7(4310.57 - 5101.44)	120.26 (110.36 - 130.21)	4906.37 (4336.69 - 5514.97)	97.08 (85.78-109.45)	-1.02 (-1.17 to -0.88)
Uzbekistan	1337.14(1060.1 - 1611.14)	11.05 (8.57 - 13.54)	4958.23 (4350.56 - 5639.7)	22.8 (20.14-25.96)	3.18 (2.97 to 3.38)
Vanuatu	71.94(50.88 - 98.93)	94.9 (67.97 - 127.6)	152.94 (104.83 - 232.19)	85.32 (59.16-128.3)	-0.5 (-0.55 to -0.45)
Venezuela	5287.37(4741.47 - 5847.16)	51.38 (46.12 - 56.93)	11603.18 (9852.66 - 13527.05)	41.58 (35.43-48.55)	-1.28 (-1.49 to -1.07)

Countries and territories	1990		2017		1990-2017
	DALYs	ASR per 100,000	DALYs	ASR per 100,000	EAPC
	No. × 10 ³ (95% UI)	No. (95% UI)	No. × 10 ³ (95% UI)	No. (95% UI)	No. (95% UI)
Vietnam	10925.14(8690.25 - 14948.1)	26.11 (20.57 - 35.47)	22940.78 (18831.3 - 28971.69)	25.77 (21.27-32.42)	-0.21 (-0.29 to -0.13)
Virgin Islands, U.S.	54.02(48.22 - 60.49)	63.09 (56.09 - 70.45)	109.08 (87.96 - 126.23)	57.26 (46.95-65.64)	-0.54 (-0.71 to -0.38)
Yemen	1389.09(687.27 - 2847.34)	23.71 (12.96 - 47.51)	3873.7 (2665.87 - 5850.44)	26.86 (18.5-40.05)	0.38 (0.29 to 0.47)
Zambia	1947.86(1318.46 - 2826.19)	62.41 (41.85 - 86.92)	2849.41 (2030.84 - 3741.04)	41.2 (29.13-53.08)	-2.5 (-2.93 to -2.08)
Zimbabwe	2451.8(1875.93 - 2900.95)	53.48 (41.08 - 63.12)	5012.9 (3581.65 - 6633.52)	63.87 (46.59-82.53)	1.14 (0.37 to 1.91)

ASR: Age-standardized rate; DALY: Disability-adjusted life year; EAPC: Estimated annual percentage change.