

Supplementary Table 1: Incidence cases, deaths, and disability adjusted life years (DALYs) for intracerebral hemorrhage in 2021, and percentage change in age-standardised rates (ASRs) per 100000, by Global Burden of Disease region, from 1990 to 2021.

Location	Incidence cases (95% UI)	ASIR (95% UI)	ASIR Change (1990-2021) (95% UI)	Death case (95% UI)	ASDR (95% UI)	ASDR Change (1990-2021) (95% UI)	DALYs cases (95% UI)	ASR DALY (95% UI)	ASR DALY Change (1990-2021) (95% UI)
Global	3444.3 (3053, 3812)	40.8 (36.2,45.2)	-31.4 (-33.7, -28.7)	3308.4 (3021.1, 3594.7)	39.1 (35.6, 42.5)	-36.6 (-42.5, -29.8)	79457.4 (72748.9, 85480.2)	923.6 (844.8, 993.2)	-39.1 (-44.7, -33.1)
High-income Asia Pacific	77.3 (67.8, 85.5)	20 (17.7, 22.5)	-55.7 (-58.3, -52.9)	54.9 (45.4, 60.8)	10.2 (8.8,11)	-67.9 (-70.2, -65.9)	1038.3 (916.7, 1124)	253 (232.8, 271.5)	-67 (-68.9, -64.9)
High-income North America	79.6 (68.3, 90.3)	13.1 (11.3, 14.7)	-26.7 (-30.6, -22.1)	62.8 (56.0, 66.6)	9.3 (8.4,9.8)	-15.3 (-19.3, -12.1)	1343.4 (1250.2, 1412.2)	221.2 (208.2,232.8)	-19.4 (-22.6, -16.6)
Western Europe	124.3 (111.6, 135.1)	13.2 (11.9, 14.5)	-42.7 (-44.9, -40.7)	88.7 (76.2, 95.4)	8.1 (7.1,8.6)	-56.9 (-59.8, -54.7)	1488.4 (1347.1, 1577.9)	161.2 (149.8,170.2)	-61.6 (-63.5, -59.8)
Australasia	5.7 (5.1, 6.2)	10.8 (9.6, 11.9)	-42.2 (-45.4, -39)	3.9 (3.4, 4.3)	6.5 (5.7,7.2)	-52.3 (-56.4, -48.2)	67.8 (61.3, 73.4)	126.6 (115.9,136.7)	-56.5 (-59.8, -53.1)
Andean Latin America	10.8 (9.9, 11.9)	18 (16.3, 19.6)	-49.4 (-51.5, -47.4)	8.8 (7.3, 10.7)	14.9 (12.4,18.1)	-56.8 (-65.4, -46.1)	234.3 (194.0, 284.6)	381.9 (316.4,463.7)	-58.8 (-67, -48.8)
Tropical Latin America	52.7 (45.3, 60.2)	20.8 (17.9, 23.7)	-59.9 (-62.1, -57.4)	43.9 (41, 46)	17.1 (16,17.9)	-64.7 (-66.5, -63.1)	1172.4 (1118.6, 1218.7)	449.7 (428.7,467.4)	-66 (-67.7, -64.5)

Central Latin America	48.3 (43.2, 53.2)	19.6 (17.6, 21.6)	-41.9 (-43.5, -40)	33.5 (29.7, 37.9)	13.7 (12.1, 15.4)	-48.2 (-53.7, -42.2)	853.7 (762.6, 971.2)	335.5 (299.9, 381.5)	-48 (-53.8, -41.5)
Southern Latin America	21.6 (19.5, 23.5)	25.8 (23.4, 28.3)	-51.5 (-54, -49.2)	13.2 (12.2, 14.0)	15 (13.9, 15.9)	-64.1 (-66.9, -61.5)	314.1 (296.0, 332.4)	372.1 (350.5, 394)	-65.9 (-68.3, -63.5)
Caribbean	17.6 (16.2, 18.9)	33.3 (30.7, 35.9)	-28 (-29.9, -26.1)	16.7 (14.3, 19.4)	31.2 (26.6, 36.1)	-35.4 (-44.2, -25.1)	443.4 (375.4, 519.2)	839.6 (709.9, 983.2)	-34.4 (-43.9, -23.1)
Central Europe	50.1 (46.0, 53.8)	23.7 (22.0, 25.4)	-52.8 (-54.0, -51.6)	48 (44.2, 51.5)	21 (19.3, 22.5)	-61.7 (-64.5, -58.6)	957.7 (882, 1030)	457.1 (419.7, 492.7)	-63.6 (-66.3, -60.6)
Eastern Europe	92.4 (80.1, 103.8)	28.7 (25.2, 32.4)	-33.7 (-37.0, -30.3)	78.3 (72.1, 84.3)	22.8 (21.0, 24.6)	-38 (-42.5, -33.2)	1930.3 (1777.2, 2078.2)	596.6 (549.1, 642.4)	-34 (-39.3, -29)
Central Asia	55.5 (51.3, 59.6)	74.7 (69.3, 79.9)	-13.4 (-16.0, -10.3)	35 (31.6, 38.8)	47.9 (43.3, 52.9)	-34.6 (-41.4, -27.5)	884.5 (792.9, 985.1)	1066.6 (961.2, 1184.2)	-38.5 (-44.8, -31.9)
North Africa and Middle East	121.3 (109.8, 132.3)	25.9 (23.6, 28.1)	-43.3 (-45.1, -41.5)	106.1 (91.1, 121.4)	25.4 (21.6, 28.9)	-56.2 (-62, -49.0)	3051.9 (2633.1, 3493.6)	614.4 (529.3, 701.5)	-59.2 (-65.1, -52.3)
South Asia	703.2 (607.0, 804.8)	47.6 (41.0, 54.1)	-29.2 (-32.4, -25.1)	558.3 (456.8, 640.4)	39.4 (32.0, 45.3)	-30.2 (-39.9, -18.8)	15045.6 (12776.9, 17158.1)	972.4 (816.1, 1110.7)	-31.9 (-41, -21.2)

Southeast Asia	450.6 (401.0, 497.1)	69.8 (62.4, 76.2)	-25.5 (-27.5, -23.3)	500.8 (439.0, 571.7)	80.7 (70.6, 92.4)	-28.6 (-38.5, -17.7)	13616.7 (12011.1, 15407.5)	1976.8 (1744.3,2 238.7)	-29.4 (-38.6, -19.2)
East Asia	1218 (1046.0, 1377.3)	61.1 (53.1, 68.8)	-43.7 (-46.5, -40.5)	1366.6 (1147.3, 1610.9)	68.3 (57.4, 80.2)	-50.5 (-59.9, -40.1)	28529.1 (23808.3, 33766.2)	1353.1 (1138.3,1 594)	-51.8 (-60.6, -41.0)
Oceania	5.4 (4.9, 6.0)	74.4 (68.0, 80.5)	-21.6 (-25.4, -17.4)	7.3 (5.8, 8.9)	110.4 (88.8, 133.7)	-23 (-37.7, -3.8)	211.1 (167.0, 258.9)	2582.5 (2058.7,3 157.5)	-23.7 (-39.4, -3.7)
Western Sub- Saharan Africa	139 (125.3, 152.6)	65.3 (58.5, 71.5)	-26.9 (-29.6, -24.0)	105.5 (83.7, 126.8)	56.7 (44.4, 67.2)	-36.3 (-45.8, -25.1)	3223.4 (2546.5, 3936.8)	1375.3 (1095,16 46.3)	-36.9 (-46.0, -25.4)
Eastern Sub- Saharan Africa	112.9 (102.5, 124.1)	62.2 (56.5, 67.9)	-38.2 (-40.3, -36.0)	111.9 (95.0, 130.1)	71.8 (60.8, 83.4)	-40.1 (-49.0, -30.9)	3231.8 (2741.9, 3779.9)	1694.9 (1441.6,1 964.7)	-42 (-51.8, -32.7)
Central Sub- Saharan Africa	37.3 (33.8, 41.2)	63.6 (58.1, 69.4)	-29.4 (-32.6, -25.7)	36.8 (27.7, 47.0)	77.1 (58.6, 99.5)	-22 (-38.5, -1.0)	1064.7 (797.7, 1357.6)	1772.6 (1344.9,2 260.3)	-26.8 (-42.6, -6.4)
Southern Sub- Saharan Africa	20.7 (18.2, 23.3)	36.6 (32.1, 40.9)	-29 (-32.2, -25.7)	27.5 (25.4, 29.8)	50.7 (46.8, 55.1)	2.8 (-8.0, 19.3)	754.9 (693.7, 820.8)	1224.2 (1130.5,1 326.8)	-4.5 (-14.0, 7.7)

95% UI=95% uncertainty intervals. ASR: Age-standardized rate

Supplementary Table 2: Incidence of Intracerebral Hemorrhage in 1990 and 2021 and the percentage change in the age-standardised rates (ASRs) per 100,000, by location.

location	Number(95%_UI) (1990)	ASR/100000(95%_UI) (1990)	Number(95%_UI) (2021)	ASR/100000(95%_UI) (2021)	Change ASR/100000(1990-2021) (95% UI)
Global	2358349 (2052149,2634480)	59.5 (51.4,66.6)	3444338 (3053009,3812043)	40.8 (36.2,45.2)	-31.4 (-33.7,-28.7)
Andean Latin America	8396 (7653,9186)	35.5 (32.2,38.8)	10818 (9858,11861)	18 (16.3,19.6)	-49.4 (-51.5,-47.4)
Bolivia (Plurinational State of)	1662 (1482,1846)	47 (42.1,51.7)	2234 (2001,2465)	25.3 (22.6,27.7)	-46.2 (-49.1,-43.0)
Ecuador	1990 (1808,2195)	32.2 (29.2,35.3)	3087 (2791,3384)	18.8 (16.9,20.6)	-41.7 (-44.9,-38.5)
Peru	4744 (4285,5235)	34 (30.5,37.4)	5497 (4956,6081)	15.8 (14.2,17.5)	-53.5 (-56.2,-50.5)
Australasia	4256 (3909,4576)	18.6 (17.1,20.1)	5698 (5118,6243)	10.8 (9.6,11.9)	-42.2 (-45.4,-39)
Australia	3562 (3288,3821)	18.7 (17.3,20.1)	4867 (4375,5355)	10.9 (9.7,12.1)	-41.8 (-46,-38.1)
New Zealand	694 (574,813)	18.1 (15,21)	831 (720,950)	10.1 (8.8,11.5)	-44 (-48.3,-38.6)
Caribbean	12489 (11536,13403)	46.2 (42.7,49.5)	17584 (16192,18935)	33.3 (30.7,35.9)	-28 (-29.9,-26.1)
Antigua and Barbuda	28 (26,31)	52 (47.8,56.4)	31 (28,34)	31.3 (28.5,33.8)	-39.9 (-43.1,-36.1)
Bahamas	75 (69,81)	44.6 (41,48.3)	124 (113,135)	30.9 (28.4,33.6)	-30.7 (-34.1,-26.7)
Barbados	106 (97,116)	37.6	116	24.6	-34.5

		(34.3,40.7)	(105,129)	(22.4,27.2)	(-38, -30.5)
Belize	39 (36,43)	37.6 (34.4,40.8)	88 (80,97)	28.1 (25.6,30.6)	-25.3 (-29.2, -21.0)
Bermuda	17 (15,19)	28.2 (25.2,31.2)	17 (15,19)	14.3 (12.7,16.1)	-49.2 (-53.0, -45.6)
Cuba	3654 (3338,3979)	35.7 (32.7,38.8)	3753 (3397,4152)	20.7 (18.8,22.9)	-42.1 (-45.6, -38.4)
Dominica	22 (20,24)	36.8 (33.1,39.9)	21 (19,23)	26.1 (23.6,28.7)	-29.0 (-32.9, -25.0)
Dominican Republic	1742 (1591,1903)	41.9 (38.4,45.8)	4416 (4033,4793)	43.2 (39.5,46.9)	3.1 (-2.0, 8.0)
Grenada	41 (38,45)	57.1 (52.9,61.7)	36 (33,39)	34.1 (31.4,36.7)	-40.2 (-43.4, -36.6)
Guyana	505 (468,538)	121.2 (112,129.9)	390 (359,420)	60 (55.4,64.2)	-50.5 (-53.1, -48.3)
Haiti	3441 (3107,3730)	99.8 (90.7,108.2)	5047 (4600,5478)	65.4 (59.8,71)	-34.4 (-37.5, -31.4)
Jamaica	852 (775,924)	46.8 (42.5,51)	1120 (1022,1221)	36.2 (33.1,39.5)	-22.7 (-26.9, -18.1)
Puerto Rico	837 (748,927)	23.7 (21.2,26.2)	894 (792,990)	13.6 (12.1,15.2)	-42.4 (-45.4, -38.5)
Saint Kitts and Nevis	34 (31,37)	93.7 (86.6,100.6)	29 (26,32)	43.8 (40.5,47.6)	-53.2 (-55.8, -50.4)
Saint Lucia	54 (49,59)	60.9 (56,65.8)	73 (67,79)	31.7 (29.1,34.4)	-48.0 (-50.9, -44.7)
Saint Vincent and the Grenadines	30 (28,33)	41.1 (37.6,44.6)	49 (45,53)	35.7 (32.8,38.7)	-13.3 (-18.3, -7.4)
Suriname	163 (149,175)	60.5 (55.4,65)	302 (277,327)	48.4 (44.4,52.4)	-20.0 (-23.7,

					-15.5)
Trinidad and Tobago	397 (364,435)	46.3 (42.6,50.4)	443 (399,490)	24.5 (22.1,27)	-47.2 (-50.4, -43.5)
United States Virgin Islands	26 (23,29)	30.4 (26.9,33.5)	40 (36,44)	24.4 (22,26.8)	-19.8 (-24.7, -14.6)
Central Asia	39621 (36706,42561)	86.3 (80.1,92.5)	55548 (51306,59650)	74.7 (69.3,79.9)	-13.4 (-16, -10.3)
Armenia	1137 (1024,1255)	44.6 (40.3,49.2)	782 (702,864)	19.1 (17.2,21.1)	-57.1 (-59.8, -54.3)
Azerbaijan	4160 (3831,4521)	87.3 (80.1,94.7)	7623 (6948,8239)	92.6 (84.9, 100.1)	6.1 (0.1, 13.0)
Georgia	7161 (6624,7734)	122.1 (113.3,131.5)	4232 (3857,4600)	71.2 (65.3,77)	-41.7 (-44.7, -38.3)
Kazakhstan	9268 (8480,10032)	75.9 (69.6,81.9)	9921 (9132,10790)	62.4 (57.2,67.8)	-17.9 (-22.1, -12.2)
Kyrgyzstan	2610 (2406,2839)	86.6 (80.1,94)	2156 (1978,2334)	42.7 (39.3,46.4)	-50.6 (-53.6, -47.3)
Mongolia	1714 (1570,1847)	162.6 (149.3,174.7)	3384 (3156,3621)	153.3 (142.6,164.8)	-5.7 (-11.3, -0.2)
Tajikistan	2217 (2014,2399)	79.8 (72.3,86.5)	4012 (3648,4383)	79.9 (73.2,87.2)	0.1 (5.6,6.8)
Turkmenistan	1440 (1318,1565)	73.2 (67.2,79.4)	2775 (2551,2995)	66.1 (60.7,71.6)	-9.8 (-14.3, -4.9)
Uzbekistan	9914 (9131,10703)	85.2 (78.6,92.2)	20663 (18954,22275)	91.4 (84,99)	7.2 (0.9, 14.3)
Central Europe	70009 (64093,75291)	50.3 (46.3,53.9)	50101 (45976,53823)	23.7 (22,25.4)	-52.8 (-54, -51.6)
Albania	1787 (1659,1904)	98.2 (90.9,104.2)	3294 (3034,3554)	81.8 (75.7,87.8)	-16.8 (-21.3, -12.5)
Bosnia and Herzegovina	1019 (907,1113)	27.1 (24.3,29.9)	1055 (950,1163)	18.3 (16.5,20.2)	-32.4 (-36.8, -27.1)

Bulgaria	11098 (10307,11979)	103.1 (96.4,109.6)	6520 (6090,6940)	48.7 (45.6,51.6)	-52.8 (-54.9, -50.8)
Croatia	2504 (2324,2689)	43.4 (40.4,46.5)	1391 (1281,1507)	16.4 (15.1,17.7)	-62.2 (-64.4, -59.8)
Czechia	4062 (3643,4457)	31.3 (28.4,34.3)	2832 (2494,3196)	14.4 (12.8,16.2)	-54.1 (-58.1, -49.7)
Hungary	6565 (6085,7098)	48.9 (45.4,52.7)	3050 (2731,3369)	17.1 (15.3,19)	-65.1 (-67.5, -62.7)
Montenegro	802 (743,860)	138 (128.1,148.1)	1058 (974,1138)	122.1 (113.4,130.6)	-11.5 (-15.7, -6.5)
North Macedonia	1280 (1174,1369)	72.2 (66.8,77.5)	1476 (1351,1592)	54.1 (49.8,57.7)	-25.1 (-28.7, -21.3)
Poland	14587 (12196,16773)	35.7 (30.1,41)	10413 (8928,11848)	15.6 (13.5,17.6)	-56.2 (-58.8, -53.6)
Romania	16218 (14950,17496)	62.1 (57.7,66.8)	11302 (10511,12134)	31.5 (29.3,33.7)	-49.3 (-51.8, -46.8)
Serbia	6136 (5582,6657)	61.2 (56.4,66)	4917 (4522,5296)	31 (28.6,33.3)	-49.4 (-52.5, -46.3)
Slovakia	2142 (1939,2328)	37.1 (33.7,40.2)	1536 (1394,1684)	17.6 (15.9,19.2)	-52.7 (-55.2, -49.7)
Slovenia	690 (615,758)	29.5 (26.4,32.5)	528 (475,582)	12.2 (11.1,13.4)	-58.7 (-61.2, -56)
Central Latin America	31601 (28194,35407)	33.8 (30.1,37)	48325 (43161,53249)	19.6 (17.6,21.6)	-41.9 (-43.5, -40.0)
Colombia	7079 (6459,7828)	36.8 (33.4,40.4)	8568 (7662,9538)	15.6 (13.9,17.4)	-57.6 (-60.4, -54.2)
Costa Rica	526 (473,596)	26.8 (24.1,29.7)	855 (749,960)	16 (14.1,18.1)	-40.2 (-43.9, -36.6)
El Salvador	1352 (1236,1484)	39.5 (35.9,42.9)	1246 (1117,1387)	19 (17.1,21)	-51.8 (-54.8,

					-48.6)
Guatemala	1768 (1634,1928)	41.1 (38.2,44.2)	3272 (3020,3568)	28.8 (26.7,31.4)	-29.8 (-34.3, -25.3)
Honduras	776 (694,857)	33.5 (30,36.9)	1807 (1606,1997)	30.5 (27,33.6)	-8.8 (-13.6, -4.0)
Mexico	13976 (11884,16181)	29.1 (24.9,33.4)	21743 (18800,24735)	17.7 (15.4,20.1)	-39.1 (-41.9, -35.5)
Nicaragua	728 (653,810)	42.7 (38.2,47.1)	1164 (1042,1294)	23.7 (21.2,26.4)	-44.5 (-47.7, -40.7)
Panama	613 (553,673)	38.8 (34.7,42.6)	1003 (898,1103)	22.5 (20.2,24.8)	-42.0 (-45.6, -38.2)
Venezuela (Bolivarian Republic of)	4782 (4340,5279)	44.5 (40.1,48.7)	8667 (7808,9554)	29.8 (26.8,32.7)	-33.1 (-36.6, -29.0)
Central Sub- Saharan Africa	21106 (18699,23579)	90 (80.5,99.1)	37323 (33809,41188)	63.6 (58.1,69.4)	-29.4 (-32.6, -25.7)
Angola	4033 (3586,4496)	95.9 (85.6,105.5)	7307 (6567,8140)	56.3 (50.8,62.3)	-41.3 (-44.9, -37.6)
Central African Republic	1326 (1179,1480)	109.9 (98.2,120.2)	2057 (1853,2261)	84.7 (77.3,92)	-22.9 (-26.9, -18.2)
Congo	1166 (1040,1302)	104.1 (93.4,114.6)	1710 (1534,1895)	60.3 (54.3,66.1)	-42.1 (-45.1, -38.5)
Democratic Republic of the Congo	13892 (12233,15570)	86.3 (76.7,95.4)	25441 (23000,28131)	65.5 (59.5,71.5)	-24.1 (-28.2, -19.0)
Equatorial Guinea	203 (183,227)	101.4 (91.3,112)	258 (228,292)	47.1 (41.5,52.4)	-53.6 (-56.8, -49.7)
Gabon	486 (432,540)	83.9 (74.8,92.8)	549 (487,617)	51.3 (45.6,56.9)	-38.9 (-42.4, -35.2)
East Asia	804381 (673103,927435)	108.6 (91.6,124.1)	1218007 (1046031,1377277)	61.1 (53.1,68.8)	-43.7 (-46.5, -40.5)
China	774012	108.9	1173288	61.2 (53,69.1)	-43.9

	(644709,896 197)	(91.7,124.9)	(1003993,13 30455)		(-46.7, -40.5)
Democratic People's Republic of Korea	18046 (16340,1957 9)	123.1 (111.6,133.9)	30962 (28575,3344 0)	98.8 (91.5,106.4)	-19.7 (-23.8, -14.7)
Taiwan (Province of China)	12324 (11152,1338 7)	84.6 (75.8,92)	13756 (12119,1539 7)	35.1 (31.1,39.5)	-58.5 (-61.4, -55.2)
Belarus	4733 (4269,5219)	38.7 (35,42.6)	3899 (3525,4278)	26.8 (24.3,29.3)	-30.7 (-34.6, -26.2)
Estonia	692 (630,750)	35.7 (32.5,38.5)	276 (242,308)	11.2 (9.8,12.5)	-68.7 (-71.8, -65.3)
Latvia	1722 (1589,1866)	49.9 (46.1,53.9)	726 (661,791)	19.4 (17.7,21.2)	-61.1 (-63.5, -58.6)
Lithuania	1115 (1018,1208)	25.7 (23.5,27.9)	919 (824,1003)	17.6 (15.8,19.2)	-31.7 (-37.0, -26.7)
Republic of Moldova	3499 (3239,3795)	82.5 (76.9,89)	1906 (1743,2086)	33.5 (30.7,36.6)	-59.4 (-61.8, -56.8)
Russian Federation	74551 (61574,8619 6)	44 (36.5,50.5)	63552 (54799,7164 6)	28.7 (25,32.4)	-34.8 (-38.2, -30.9)
Ukraine	27908 (22976,3244 2)	41.7 (34.9,48.2)	21148 (17998,2439 7)	31.1 (26.7,35.8)	-25.4 (-30.7, -20.0)
Eastern Sub- Saharan Africa	81517 (72264,9093 0)	100.7 (89.6,111.6)	112870 (102527,124 053)	62.2 (56.5,67.9)	-38.2 (-40.3, -36.0)
Burundi	3282 (2972,3597)	128.3 (116.1,140.4)	3610 (3278,3947)	66.6 (60.3,73)	-48.1 (-50.9, -45.1)
Comoros	191 (170,213)	90.1 (81,99.9)	257 (232,285)	52.1 (47.3,57.1)	-42.2 (-45.7, -38.7)
Djibouti	131 (115,146)	82 (73.8,90.9)	367 (323,408)	53.8 (48.1,59.5)	-34.4 (-38.5, -30.3)
Eritrea	1550 (1374,1720)	125.4 (112.3,137.3)	2199 (1979,2429)	70.3 (64.5,76.6)	-43.9 (-47.2,

					-40.8)
Ethiopia	25572 (21613,29573)	121.5 (102.6,140.6)	23136 (20179,26013)	51.9 (45.1,58.7)	-57.3 (-59.9, -54.2)
Kenya	6300 (5377,7243)	70.2 (58.7,80.9)	12822 (11113, 14655)	55 (47.6, 62.3)	-21.6 (-24.9, -17.1)
Madagascar	7186 (6599,7759)	125.8 (115.5,136.3)	11932 (10869,13043)	91 (83.3, 99.4)	-27.6 (- 30.8, -24.1)
Malawi	3271 (2942,3617)	79.7 (71.6,88.2)	4425 (4033,4809)	54.8 (50,59.7)	-31.2 (- 34.8, -26.7)
Mozambique	6095 (5445,6681)	97.6 (87.3,107.3)	11381 (10389,12383)	89.2 (82,96.5)	-8.6 (-13.6, -2.7)
Rwanda	4713 (4238,5162)	153 (137.7,166.4)	4097 (3676,4547)	65.6 (59.1,72)	-57.1 (-59.6, -54.4)
Somalia	3248 (2886,3610)	112.1 (100.4,123.1)	5562 (4999,6080)	76 (68.7,82.2)	-32.2 (-35.6, -28.3)
South Sudan	2275 (2034,2522)	84.8 (75.8,93.1)	2284 (2047,2548)	57.2 (51.6,62.9)	-32.6 (-36.3, -28.6)
Uganda	5569 (5024,6184)	81.5 (73.5,89.7)	9466 (8560,10393)	58.4 (52.8,63.4)	-28.4 (-32.1, -24.3)
United Republic of Tanzania	9064 (8236,9956)	78.7 (71.1,86.9)	15215 (13875,16728)	55.6 (50.4,60.7)	-29.4 (-33.3, -25.1)
Zambia	3013 (2711,3279)	98.9 (89.2,107.5)	6019 (5534,6545)	81.3 (74.6,88.2)	-17.8 (-22.6, -12.5)
High-income Asia Pacific	88022 (75966,99117)	45.2 (39.2,50.7)	77253 (67778,85468)	20 (17.7,22.5)	-55.7 (-58.3, -52.9)
Brunei Darussalam	90 (80,102)	71.3 (63,79.9)	124 (110,139)	34.5 (30.7,38.2)	-51.6 (-55.1, -47.8)
Japan	54311 (44020,64051)	33.8 (27.7,39.6)	55281 (48068,62043)	19.1 (16.7,21.6)	-43.4 (-47.8, -37.9)
Republic of	32437	106 (95.1,117)	20452	24.2	-77.1

Korea	(28864,3614 2)		(17866,2287 6)	(21.3,27.1)	(-78.9, -75.2)
Singapore	1184 (1058,1324)	49 (43.9,54.7)	1396 (1216,1572)	17.2 (15.1,19.2)	-64.9 (-67.8, -62.0)
High- income North America	60962 (50848,7052 5)	17.8 (14.9,20.6)	79595 (68334,9025 3)	13.1 (11.3,14.7)	-26.7 (-30.6, -22.1)
Canada	5728 (5044,6393)	18.2 (16.1,20.2)	8894 (7654,9868)	13.3 (11.4,15)	-27.1 (-33.5, -19.6)
Greenland	18 (17,20)	55 (49.4,60)	20 (18,22)	32.7 (29.7,35.7)	-40.5 (-43.9, -36.6)
United States of America	55214 (45722,6438 0)	17.8 (14.7,20.7)	70680 (60482,8092 1)	13 (11.2,14.8)	-26.7 (-30.8, -21.8)
North Africa and Middle East	85082 (76375,9398 6)	45.7 (41.1,49.9)	121272 (109767,132 332)	25.9 (23.6,28.1)	-43.3 (-45.1, -41.5)
Afghanistan	6091 (5469,6712)	91 (81.7,99.3)	6824 (6177,7494)	51.8 (47.3,56.2)	-43.1 (-45.7, -40.1)
Algeria	6495 (5796,7199)	50.1 (44.8,54.9)	8459 (7545,9362)	23.9 (21.3,26.2)	-52.4 (-54.9, -49.6)
Bahrain	86 (76,96)	36.7 (32.9,40.3)	172 (151,196)	18 (16.2,20)	-50.9 (-53.7, -47.7)
Egypt	10959 (9595,12318)	36.3 (31.3,40.7)	16886 (15018,1878 5)	25.8 (23.1,28.2)	-28.9 (-33.8, -23.2)
Iran (Islamic Republic of)	6843 (5786,8082)	22.5 (19.2,25.8)	10019 (8702,11432)	13.3 (11.5,15)	-41.2 (-44.2, -37.9)
Iraq	5875 (5340,6377)	59.4 (53.8,64.8)	11445 (10431,1244 4)	43.4 (39.8,46.9)	-27.0 (-31.1, -22.2)
Jordan	621 (552,698)	39.2 (35,43.4)	1511 (1354,1705)	19.7 (17.8,21.6)	-49.9 (-53.2, -46.5)
Kuwait	168 (146,194)	18 (16.2,20)	587 (525,654)	16.9 (15.1,18.8)	-6.1 (12.5,

					0.6)
Lebanon	795 (708,886)	36.7 (32.5,40.6)	1117 (991,1245)	18.4 (16.3,20.6)	-49.8 (-52.6, -47)
Libya	666 (592, 746)	26.1 (23.4, 28.8)	1031 (925, 1143)	18.2 (16.2, 20.1)	-30.5 (-34.2, -26.7)
Morocco	6940 (6240,7659)	44.7 (40.1,48.9)	9578 (8581,10593)	29 (26.1,32)	-35.1 (-38.4, -31.1)
Oman	417 (374,462)	47.7 (42.7,52.6)	622 (557,688)	28.1 (25.4,31.1)	-41.1 (-44.8, -37.0)
Palestine	446 (403,492)	50.2 (45.3,54.8)	683 (621,749)	29.6 (27.1,31.9)	-41.0 (-44.6, -37.0)
Qatar	97 (87,108)	46.9 (42.1,51.5)	340 (291,391)	25.7 (23.2,28.1)	-45.3 (-48.7, -41.9)
Saudi Arabia	3308 (2975,3641)	49.8 (44.5,54.3)	7381 (6725,8117)	30.1 (27.6,32.5)	-39.5 (-43.3, -35.9)
Sudan	6489 (5851,7155)	62 (55.7,68)	7239 (6482,7973)	31.5 (28.4,34.5)	-49.2 (-51.8, -46.5)
Syrian Arab Republic	4327 (3961,4699)	65.2 (59.6,70)	4653 (4240,5064)	39.8 (36.4,42.8)	-39 (-42.0, -36.1)
Tunisia	1748 (1555,1956)	35.1 (31.2,38.7)	2696 (2377,3014)	21.7 (19.2,24.1)	-38 (-41.4, -34.0)
Turkey	18699 (16824,20630)	50.2 (45.1,55.2)	22173 (19642,24612)	25.1 (22.2,27.8)	-50.0 (-53.3, -46.6)
United Arab Emirates	360 (315,409)	50.6 (45.3,55.5)	1826 (1559,2116)	29 (25.9,32.1)	-42.7 (-46.2, -38.7)
Yemen	3605 (3225,3991)	64.3 (57.4,70.4)	5915 (5357,6478)	36.4 (33.2,39.5)	-43.5 (-46.4, -40.2)
Oceania	2657 (2379,2944)	94.9 (85.7,103.6)	5443 (4926,5964)	74.4 (68,80.5)	-21.6 (-25.4, -17.4)
American	21 (19,23)	90.7	29 (26,32)	65.4	-27.9

Samoa		(81.7,98.9)		(59.6,71.6)	(-32.0, -23.4)
Cook Islands	9 (8,10)	73.5 (65.7,82)	11 (10,12)	45.9 (40.9,50.9)	-37.5 (-41.7, -33.4)
Fiji	323 (291,354)	85.4 (76.9,93.1)	383 (348,424)	54 (49.3,59)	-36.7 (-40.5, -32.6)
Guam	41 (37,46)	54.6 (49.1,60.7)	82 (74,90)	40.1 (36.1,44)	-26.6 (-31.4, -21.7)
Kiribati	82 (74,88)	189.5 (173.2,203.9)	115 (106,123)	140.6 (130.3,150)	-25.8 (-29.3, -22.5)
Marshall Islands	25 (23,27)	144.5 (131.1,156.3)	43 (39,47)	121.5 (112.4,130.9)	-15.9 (-19.9, -11.4)
Micronesia (Federated States of)	76 (69,83)	152.7 (138,165.7)	88 (79,95)	121.2 (111.2,131.1)	-20.6 (-24.6, -16.6)
Nauru	7 (6,8)	131.9 (118.5,144.5)	7 (6,7)	88 (80.1,95.1)	-33.3 (-37.0, -29.7)
Niue	2 (2,2)	100 (89.4,109.5)	1 (1,2)	68.8 (62.5,75)	-31.2 (-34.9, -26.8)
Northern Mariana Islands	17 (15,20)	82.6 (73.5,91.1)	29 (25,32)	60.6 (54.5,66.5)	-26.6 (-31.7, -21.2)
Palau	11 (10,13)	114.4 (102.6,125)	18 (16,20)	85.4 (78.2,93.7)	-25.3 (-29.4, -20.7)
Papua New Guinea	1355 (1195,1526)	85.5 (76.1,94.6)	3310 (2954,3647)	69.7 (63,76.3)	-18.5 (-24.0, -12.5)
Samoa	94 (85,103)	110 (99.3,120.3)	121 (110,132)	82.1 (74.7,89.6)	-25.4 (-30.3, -20.3)
Solomon Islands	300 (269,328)	219.4 (199,238.1)	714 (664,763)	198.1 (184.5,211.6)	-9.7 (-14.2, -4.4)
Tokelau	1 (1,1)	101.5 (90.2,111)	1 (1,1)	58.8 (52.6,64.5)	-42.0 (-45.8, -38.0)

Tonga	32 (29,36)	60.1 (52.9,66.4)	38 (34,42)	47 (42,52.1)	-21.9 (-26.8, -16.4)
Tuvalu	9 (8,9)	134.7 (122.1,145.7)	9 (8,10)	91.2 (84,98.8)	-32.3 (-35.8, -28.6)
Vanuatu	82 (72,91)	123.8 (111.2,135.2)	201 (185,218)	109.2 (100.4,118.1)	-11.8 (-16.5, -6.4)
South Asia	387268 (328887,446 388)	67.2 (56.5,77.2)	703200 (607008,804 764)	47.6 (41,54.1)	-29.2 (-32.4, -25.1)
Bangladesh	48511 (43817,5320 8)	99.3 (88.9,109.5)	94996 (85170,1039 29)	71 (63.9,77.6)	-28.5 (-32.7, -23.2)
Bhutan	150 (132,172)	58.8 (51.8,66.3)	224 (197,250)	36.9 (32.4,41.3)	-37.2 (-41.8, -32.3)
India	286934 (238809,334 799)	62 (51.4,72.3)	523413 (446706,604 615)	43.9 (37.4,50.5)	-29.3 (-32.9, -24.6)
Nepal	6276 (5453,7077)	65.4 (57.4,73)	10731 (9411,12148)	47.6 (42.2,53.7)	-27.2 (-32.3, -21.5)
Pakistan	45396 (37748,5257 7)	78.2 (64.5,90.3)	73838 (62787,8451 8)	55.9 (47.7,63.9)	-28.6 (-32.3, -24)
Southeast Asia	244779 (215410,272 158)	93.7 (82.9,103.7)	450578 (400978,497 072)	69.8 (62.4,76.2)	-25.5 (-27.5, -23.3)
Cambodia	5209 (4731,5654)	117.6 (107.1,127.3)	10875 (10011,1178 9)	92.4 (85.6,99.7)	-21.4 (-25.5, -17.7)
Indonesia	112617 (95481,1298 20)	108.4 (90.2,124.1)	207346 (176874,238 266)	89.8 (77.7,101.1)	-17.2 (-21.1, -12.1)
Lao People's Democratic Republic	2633 (2398,2868)	124.7 (113.8,135.2)	4141 (3786,4470)	87.1 (80.3,93.9)	-30.2 (-34.1, -25.9)
Malaysia	9462 (8566,10339)	96.3 (86.6,105.4)	15319 (13747,1679 9)	56.5 (50.6,61.5)	-41.4 (-45.1, -37.4)
Maldives	103 (93,113)	106.5 (96.3,115.3)	162 (146,179)	44.9 (40.3,49.2)	-57.8 (-60.6,

					-54.7)
Mauritius	560 (512,612)	73.3 (67.2,79.5)	575 (515,644)	34 (30.6,37.7)	-53.7 (-56.3, -50.4)
Myanmar	28923 (26115,3167 5)	124.6 (112.9,136.1)	38112 (35041,4146 1)	79.1 (72.8,85.3)	-36.5 (-39.9, -32.4)
Philippines	14628 (12302,1690 8)	49.3 (41,57)	54563 (47210,6261 6)	63.9 (55.5,72.2)	29.8 (22.9, 39.1)
Seychelles	36 (32,39)	62.9 (56.3,68.5)	46 (41,50)	40.3 (36.2,43.9)	-36 (-39.9, -31.6)
Sri Lanka	4842 (4300,5424)	45.1 (39.8,50.3)	6495 (5720,7211)	26.5 (23.5,29.1)	-41.3 (-45.2, -37.4)
Thailand	24474 (21890,2696 2)	68.4 (61.2,75.0)	36765 (32600,4027 8)	36.8 (32.7,40.2)	-46.2 (-49.7, -41.9)
Timor-Leste	239 (211,267)	79.6 (70.9,87.2)	626 (570,688)	74.1 (67.5,80.7)	-6.9 (-12.5, -1.0)
Viet Nam	40697 (36757,4434 3)	102.3 (92.7,111.3)	74925 (68600,8066 7)	76.8 (70.7,82.3)	-24.9 (-28.7, -20.4)
Southern Latin America	24515 (22113,2684 3)	53.3 (48.1,58.2)	21618 (19466,2353 0)	25.8 (23.4,28.3)	-51.5 (-54.0, -49.2)
Uruguay	1445 (1292,1598)	39.5 (35.6,43.7)	1170 (1028,1292)	22.2 (19.7,24.5)	-43.8 (-47.5, -40.0)
Argentina	18262 (16412,2005 7)	57.6 (51.9,63.1)	14710 (13241,1612 5)	27.2 (24.5,29.8)	-52.8 (-55.7, -49.7)
Chile	4806 (4273,5302)	46.1 (40.9,50.7)	5737 (5111,6328)	23.6 (21.1,26.1)	-48.7 (-52.2, -45.2)
Southern Sub- Saharan Africa	15161 (13117,1720 1)	51.5 (44.7,58)	20705 (18235,2329 2)	36.6 (32.1,40.9)	-29.0 (-32.2, -25.7)
Botswana	454 (402,505)	79.8 (71.1,87.9)	880 (787,969)	59.6 (53.4,65)	-25.4 (-29.8, -21.3)

Eswatini	213 (190,234)	72.5 (65.3,79.3)	353 (319,383)	65.6 (59.8,70.7)	-9.6 (-13.9, -4.8)
Lesotho	537 (483,591)	65.3 (58.6,71.1)	880 (806,950)	86.6 (79.2,93.3)	32.5 (25.7, 40.2)
Namibia	518 (461,570)	81.5 (73.1,89.2)	747 (682,820)	55.9 (51.1,61.2)	-31.4 (-35.1, -27.1)
South Africa	12027 (10194,1379 9)	52.8 (45,60.3)	15401 (13262,1762 7)	34.3 (29.7,38.8)	-35.0 (-38.9, -31.1)
Zimbabwe	1412 (1262,1580)	32.3 (28.9,35.3)	2443 (2198,2702)	33.1 (30,36.1)	2.4 (-3.0, 8.9)
Tropical Latin America	52463 (44397,6067 9)	51.9 (43.4,59.8)	52688 (45343,6023 2)	20.8 (17.9,23.7)	-59.9 (-62.1, -57.4)
Brazil	51322 (43298,5953 4)	52 (43.3,60)	51212 (43934,5871 3)	20.7 (17.8,23.7)	-60.2 (-62.4, -57.6)
Paraguay	1141 (1052,1236)	47.2 (43.6,51)	1475 (1342,1616)	24.6 (22.3,26.8)	-47.9 (-51.2, -44.2)
Western Europe	127713 (113717,139 441)	23.1 (20.7,25.2)	124279 (111584,135 124)	13.2 (11.9,14.5)	-42.7 (-44.9, -40.7)
Andorra	8 (7,9)	14.1 (12.1,16.1)	16 (14,18)	11 (9.5,12.4)	-22.1 (-27.2, -16.1)
Austria	4363 (3821,4838)	37.3 (32.8,41)	2498 (2200,2804)	14.3 (12.6,16.1)	-61.6 (-64.4, -58.7)
Belgium	3559 (3165,3912)	24.3 (21.7,26.5)	3135 (2829,3428)	12.9 (11.8,14.2)	-46.6 (-50.4, -42.6)
Cyprus	265 (231,300)	33.3 (29.3,37.3)	357 (315,393)	18.7 (16.5,20.5)	-43.9 (-48.8, -38.7)
Denmark	1939 (1723,2122)	24.6 (22.1,26.9)	1500 (1313,1679)	13.1 (11.6,14.6)	-46.8 (-50.5, -42.6)
Finland	1604 (1467,1746)	23.3 (21.4,25.3)	2051 (1812,2305)	17 (15.2,18.9)	-26.9 (-32.0,

					-21.3)
France	14777 (13486,15956)	18.3 (16.7,19.7)	17253 (15444,18888)	11.9 (10.6,13.1)	-35.2 (-40.2, -30.8)
Germany	25899 (23132,28625)	21.5 (19.3,23.7)	24874 (22250,27565)	13.3 (11.9,14.9)	-37.9 (-44.1, -31.9)
Greece	6770 (6143,7346)	47.4 (43.2,51)	6577 (5911,7195)	25.7 (23.1,28)	-45.8 (-49.3, -42.3)
Iceland	68 (59,77)	23.7 (20.7,26.7)	64 (57,72)	11.4 (10,12.9)	-51.9 (-55.4, -47.8)
Ireland	934 (816,1049)	23.7 (20.9,26.2)	877 (770,985)	11.6 (10.3,13.1)	-50.8 (-55.0, -47.1)
Israel	1274 (1115,1424)	26.7 (23.6,29.6)	1565 (1381,1733)	12.5 (11.1,14)	-53.1 (-56.2, -49.2)
Italy	18650 (15356,21977)	22.6 (18.9,26.6)	19386 (17001,21929)	13.1 (11.6,14.6)	-42.1 (-47.0, -35.4)
Luxembourg	145 (133,157)	28.1 (25.7,30.3)	121 (110,133)	11.4 (10.2,12.5)	-59.5 (-61.9, -56.8)
Malta	121 (107,136)	29.5 (26.1,33)	142 (123,163)	15.2 (13.4,17.4)	-48.5 (-52.7, -43.4)
Monaco	14 (12,16)	21.4 (18.6,23.9)	12 (10,13)	12.7 (11.1,14.2)	-40.7 (-44.8, -36.3)
Netherlands	4201 (3806,4519)	21.5 (19.6,23.2)	4449 (3919,4966)	13.1 (11.6,14.6)	-39.2 (-43.6, -34.8)
Norway	1302 (1056,1564)	19.4 (15.9,22.9)	1223 (1042,1413)	12.3 (10.5,14.1)	-36.7 (-40.9, -30.9)
Portugal	6692 (6043,7312)	51.5 (46.8,55.7)	3922 (3570,4264)	15.7 (14.2,17.1)	-69.6 (-71.2, -67.5)
San Marino	6 (6,7)	18.6 (16.2,21)	9 (8,11)	12.3 (10.7,13.7)	-34.0 (-38.3, -29.4)
Spain	14458	28.5	13024	12.6 (11.3,14)	-55.6

	(12829,16016)	(25.4,31.2)	(11597,14241)		(-58.7, -52.5)
Sweden	2944 (2430,3493)	19.9 (16.6,23.3)	2873 (2392,3351)	13.8 (11.7,15.9)	-30.7 (-35.3, -25.7)
Switzerland	1877 (1690,2041)	18.2 (16.4,19.9)	1788 (1564,2010)	9.9 (8.6,11.2)	-45.8 (-50.5, -41.0)
United Kingdom	15737 (13293,18120)	18.4 (15.7,21)	16453 (14114,18774)	12.7 (11.1,14.3)	-31.2 (-34.8, -26.6)
Western Sub-Saharan Africa	82131 (72597,91400)	89.3 (78.5,99.8)	139009 (125319,152586)	65.3 (58.5,71.5)	-26.9 (-29.6, -24.0)
Benin	2105 (1900,2313)	96.3 (85.7,105.9)	4110 (3750,4529)	72.6 (65.3,79.8)	-24.6 (-29.1, -19.1)
Burkina Faso	3126 (2789,3430)	69.8 (62.3,76.2)	6357 (5774,6968)	63.4 (57,68.4)	-9.2 (-15.0, -2.3)
Cabo Verde	163 (144,181)	65.7 (58.3,72.8)	247 (220,268)	54.5 (48.1,59.8)	-17.0 (-22.0, -11.5)
Cameroon	4403 (3970,4828)	95.6 (85.9,104.8)	11010 (10105,12072)	80 (73.1,87.2)	-16.3 (-21.0, -10.7)
Chad	2764 (2508,3038)	91.8 (82.9,101)	5784 (5295,6293)	86.2 (78.5,93.9)	-6.1 (-11.3,0)
Coted'Ivoire	4427 (3992,4902)	92.8 (83.2,102)	9037 (8220,9804)	71.7 (65.1,78.3)	-22.7 (-27.1, -17.4)
Gambia	324 (289,361)	81.5 (72.9,89.9)	762 (688,837)	71.7 (64.6,78.7)	-12.0 (-17.0, -6)
Ghana	6743 (6128,7416)	95.8 (86.6,104.8)	14326 (13067,15797)	77.8 (70.6,85.2)	-18.8 (-23.6, -13.2)
Guinea	3282 (2943,3608)	95.9 (85.6,105.2)	5424 (4991,5903)	87.6 (80.2,95)	-8.7 (-13.9, -2.3)
Guinea-Bissau	541 (487,600)	122.4 (110.9,133.4)	776 (710,846)	92.8 (85.1,100.7)	-24.1 (-28.4, -19.8)

Liberia	1102 (1002,1212)	88.1 (79.2,96.4)	1548 (1398,1701)	63.5 (57.4,69.4)	-27.9 (-31.4, -23.6)
Mali	3502 (3155,3835)	88.9 (79.5,97.2)	6101 (5541,6717)	68.5 (61.7,74.4)	-23.0 (-27.3, -17.6)
Mauritania	943 (840,1049)	88.7 (78.8,97.9)	1268 (1134,1399)	56.4 (50.2,61.9)	-36.4 (-40.5, -31.7)
Niger	3099 (2800,3425)	97.7 (87.7,107.5)	6895 (6319,7565)	76.4 (69.1,82.7)	-21.8 (-26.5, -17.6)
Nigeria	39617 (33630,45908)	88.7 (74.2,102)	54201 (46891,61164)	56.4 (48.5,63.8)	-36.5 (-39.5, -32.5)
Sao Tome and Principe	58 (52,64)	86 (76.7,94.4)	87 (79,96)	72.1 (65.1,78.7)	-16.2 (-20.8, -11.0)
Senegal	2778 (2492,3077)	77.6 (69.1,85.8)	5077 (4610,5593)	61.9 (55.7,68.2)	-20.2 (-24.9, -15.1)
Sierra Leone	1878 (1697,2063)	82.7 (74.2,91.3)	3049 (2762,3326)	70.7 (64.1,76.9)	-14.5 (-18.8, -8.5)
Togo	1272 (1152,1405)	87.8 (78.9,96)	2947 (2663,3247)	71.9 (64.9,78.9)	-18.1 (-22.2, -13.5)

95% UI=95% uncertainty intervals. ASIR: Age-standardized incidence rate

Supplementary Table 3: Deaths of Intracerebral Hemorrhage in 1990 and 2021 and the percentage change in the age-standardised rates (ASRs) per 100,000, by location.

location	Number (95% UI) (1990)	ASR/100000 (95% UI) (1990)	Number (95% UI) (2021)	ASR/100 000 (95% UI) (2021)	Change ASR/100 000 (1990- 2021) (95% UI)
Global	2341558 (2184645,2505961)	61.6 (57,66.1)	3308367 (3021075,3594725)	39.1 (35.6,42.5)	-36.6 (-42.5,-29.8)
Andean Latin America	7249 (6427,8328)	34.5 (30.6,39.7)	8766 (7271,10653)	14.9 (12.4,18.1)	-56.8 (-65.4,-

				)	46.1)
Bolivia (Plurinational State of)	1925 (1436,2672)	59.6 (44.8,82.4)	2363 (1668,3270)	27.2 (19.4,37.4)	-54.3 (- 64.9,- 36.6)
Ecuador	1714 (1596,1841)	31.6 (29.2,34.1)	2177 (1742,2683)	13.7 (11,16.8)	-56.5 (- 65.6,- 45.4)
Peru	3610 (3055,4282)	29.4 (24.8,34.8)	4226 (3257,5548)	12.5 (9.6,16.4)	-57.5 (- 69.3,- 42.4)
Australasia	3192 (2950,3395)	13.7 (12.6,14.6)	3912 (3371,4301)	6.5 (5.7,7.2)	-52.3 (- 56.4,- 48.2)
Australia	2664 (2456,2855)	13.7 (12.6,14.7)	3289 (2827,3621)	6.5 (5.6,7.1)	-53 (- 57.4,- 48.6)
New Zealand	528 (488,559)	13.4 (12.4,14.2)	623 (534,685)	6.9 (5.9,7.5)	-48.8 (- 53.7,- 44.1)
Caribbean	12492 (11374,13523)	48.2 (44,52.2)	16729 (14312,19374)	31.2 (26.6,36.1)	-35.4 (- 44.2,- 25.1)
Antigua and Barbuda	32 (30,34)	58.3 (54,62.3)	31 (28,34)	30.6 (28,33.4)	-47.5 (- 52.5,- 41.8)
Bahamas	70 (64,77)	45.9 (41.7,50.3)	96 (78,118)	24.3 (19.9,29.5)	-47 (- 58.3,- 33.5)
Barbados	110 (102,119)	37.3 (34.6,40.2)	117 (94,144)	22.5 (18.1,27.7)	-39.6 (- 53.8,- 24.4)
Belize	37 (34,40)	38.9 (36.1,41.9)	73 (64,82)	25.4 (22.3,28.5)	-34.6 (- 43.7,- 25.5)
Bermuda	13 (11,15)	20.9 (18.6,24.1)	12 (10,14)	8.1 (6.9,9.7)	-61.2 (- 69.1,- 51.4)
Cuba	3093 (2874,3338)	30.6 (28.4,33)	3485 (3017,3947)	17.5 (15.2,19.9)	-42.7 (- 51.4,- 33.7)
Dominica	32 (29,35)	53.6 (48.1,59.3)	28 (24,34)	34.7 (29.9,41.1)	-35.3 (- 46.3,- 22.5)
Dominican	1648	46.1	3432	34.4	-25.3 (-

Republic	(1415,1897)	(39.4,53.1)	(2663,4402)	(26.7,44.1)	42.9,1.8)
Grenada	45 (40,50)	62.3 (55.5,69.6)	35 (31,39)	31.7 (27.8,35.2)	-49.1 (- 57.7,- 40.2)
Guyana	550 (497,608)	146.7 (133,161.7)	374 (287,475)	59.7 (46.2,75.2)	-59.3 (- 69.4,- 48.3)
Haiti	4339 (3319,5289)	137 (103.2,168.4)	5954 (4325,8006)	87.2 (61.9,117)	-36.4 (- 52.7,- 16.2)
Jamaica	859 (771,939)	47.6 (42.8,52)	1100 (860,1388)	35.1 (27.4,44.3)	-26.2 (- 44.1,-3.4)
Puerto Rico	543 (512,571)	15.3 (14.4,16.1)	551 (451,643)	7.3 (6,8.5)	-52.6 (- 60.9,- 44.3)
Saint Kitts and Nevis	37 (34,42)	98.2 (89,109.9)	27 (23,32)	42.5 (36,49.1)	-56.7 (- 64.8,- 47.6)
Saint Lucia	57 (53,61)	68.4 (63.9,73.3)	70 (58,83)	29.5 (24.6,35)	-56.9 (- 64.8,- 48.5)
Saint Vincent and the Grenadines	45 (41,49)	63 (57.8,69.2)	48 (43,55)	34.9 (30.9,39.4)	-44.6 (- 52.7,- 35.7)
Suriname	168 (151,185)	67 (60.2,74.2)	287 (222,355)	45.7 (35.2,56.4)	-31.8 (- 48.1,- 13.3)
Trinidad and Tobago	366 (346,388)	45.9 (43.3,48.7)	417 (324,533)	21.7 (16.9,27.7)	-52.6 (- 64,-39)
United States Virgin Islands	25 (21,30)	32.5 (26.7,38)	23 (18,29)	13.2 (10.7,16.5)	-59.3 (- 68.8,- 46.3)
Central Asia	32472 (30458,34622)	73.2 (68.1,78.4)	34963 (31599,38840)	47.9 (43.3,52.9)	-34.6 (- 41.4,- 27.5)
Armenia	982 (886,1080)	39.7 (35.6,43.9)	513 (454,575)	12 (10.6,13.4)	-69.8 (- 74.2,-65)
Azerbaijan	3602 (3038,4184)	80.1 (68.3,92.9)	5025 (3923,6197)	60.9 (47.6,74.8)	-24 (- 42.5,-2)

Georgia	6487 (5713,7252)	108.6 (95.6,121.8)	3388 (2969,3783)	54.3 (47.8,60.5)	-50 (- 58.2,-41)
Kazakhstan	6674 (5818,7638)	56 (48.6,64)	8497 (7335,9767)	55.5 (48.6,63)	-0.9 (- 17.6,17.7)
Kyrgyzstan	2244 (2020,2482)	78.3 (70.2,87)	1318 (1085,1549)	27.8 (23.2,32.4)	-64.5 (- 70.7,- 57.3)
Mongolia	1683 (1425,1982)	178.9 (151.2,211.3)	1926 (1590,2306)	98.1 (80.4,117. 2)	-45.2 (- 56.7,- 30.1)
Tajikistan	1896 (1590,2220)	72.2 (60.3,84.9)	2600 (2024,3240)	54.1 (42.3,66.8)	-25.1 (- 45.2,0.5)
Turkmenistan	947 (807,1138)	50.4 (42.7,61.1)	2488 (1874,3260)	62.6 (47.3,82.4)	24.1 (- 5.6,57.1)
Uzbekistan	7957 (7312,8537)	70.7 (64.7,76.2)	9209 (7893,10710)	39.7 (34.4,45.9)	-43.9 (- 52.8,-34)
Central Europe	78299 (75285,81136)	54.7 (52.5,56.7)	47995 (44202,51503)	21 (19.3,22.5)	-61.7 (- 64.5,- 58.6)
Albania	2387 (2111,2670)	143 (126.7,159.8)	4243 (3437,5072)	103.3 (84,123.3)	-27.7 (- 42.3,- 11.5)
Bosnia and Herzegovina	1191 (1002,1404)	32.4 (26.9,38.2)	1051 (811,1309)	16.6 (12.8,20.7)	-48.8 (- 61.4,- 33.5)
Bulgaria	12774 (12207,13337)	119.4 (113.8,124.2)	5562 (4774,6399)	39.4 (33.8,45.3)	-67 (- 71.5,- 62.1)
Croatia	2804 (2639,2962)	48.5 (45.8,51.2)	1371 (1196,1555)	14.4 (12.5,16.4)	-70.4 (- 74.1,- 66.1)
Czechia	4391 (4088,4699)	31.6 (29.4,33.8)	1775 (1558,1994)	7.8 (6.9,8.8)	-75.3 (- 78.6,- 71.9)
Hungary	7251 (6879,7604)	51.1 (48.3,53.6)	2139 (1833,2447)	10.7 (9.2,12.3)	-79 (- 81.9,- 75.8)
Montenegro	827 (725,931)	142.8 (125.9,160.4)	1369 (1172,1595)	159.3 (137.3,18 4.4)	11.5 (- 6.2,32.5)

North Macedonia	1370 (1205,1553)	78.5 (69.2,88.9)	1502 (1214,1875)	52.8 (43.1,65.1)	-32.8 (- 47.7,- 13.9)
Poland	15854 (15150,16354)	37.7 (35.9,39)	8757 (7867,9547)	12 (10.9,13.1)	-68.1 (- 70.8,- 65.3)
Romania	18448 (16644,20140)	69.9 (62.7,76.4)	12915 (11433,14558)	33.6 (29.6,37.9)	-52 (- 59,-44.3)
Serbia	6710 (5808,7739)	71.5 (61.8,82.6)	4832 (3972,5801)	28.3 (23.3,33.9)	-60.5 (- 69.1,-50)
Slovakia	2482 (2168,2775)	41.8 (36.8,46.7)	1440 (1204,1743)	15.1 (12.6,18.3)	-63.9 (- 70.4,- 54.8)
Slovenia	558 (519,599)	22.5 (20.9,24.1)	342 (289,387)	6.7 (5.7,7.6)	-70.1 (- 74.1,- 65.9)
Central Latin America	21176 (20447,21805)	26.4 (25.2,27.3)	33528 (29703,37865)	13.7 (12.1,15.4)	-48.2 (- 53.7,- 42.2)
Colombia	5097 (4858,5299)	30.1 (28.6,31.4)	5046 (4215,5931)	9.1 (7.6,10.7)	-69.8 (- 74.8,- 64.6)
Costa Rica	279 (258,298)	16.4 (15.1,17.5)	424 (370,474)	7.7 (6.7,8.6)	-53 (- 59.2,- 47.1)
El Salvador	935 (841,1015)	30.7 (27.5,33.3)	859 (694,1049)	13.5 (10.9,16.5)	-56.1 (- 65.7,- 43.6)
Guatemala	1138 (1061,1220)	33.6 (30.8,36.7)	2218 (1898,2548)	21.3 (18.2,24.4)	-36.7 (- 47,-26)
Honduras	914 (753,1078)	44.1 (36.2,52.8)	2926 (2338,3636)	50 (40,62.6)	13.4 (- 9.7,44.5)
Mexico	8435 (8197,8633)	21.1 (20.4,21.7)	13568 (11953,15127)	11.1 (9.8,12.4)	-47.5 (- 53.2,- 41.6)
Nicaragua	439 (399,476)	28.1 (25.3,30.7)	635 (540,773)	13.6 (11.7,16.6)	-51.6 (- 59.7,- 40.5)
Panama	424 (394,454)	29 (26.9,31.2)	696 (540,838)	15.6 (12.1,18.8)	-46.3 (- 58.1,- 35.2)

Venezuela (Bolivarian Republic of)	3514 (3289,3744)	37.6 (34.9,40.2)	7156 (5347,9202)	24.4 (18.3,31.2)	-35 (- 52.2,- 16.4)
Central Sub- Saharan Africa	20780 (16341,26494)	98.9 (77.9,125.4)	36781 (27714,47047)	77.1 (58.6,99.5)	-22 (- 38.5,-1)
Angola	4205 (3351,5285)	114.5 (91.4,142.1)	7358 (5576,9220)	71.1 (54.8,88.6)	-37.9 (- 54.4,- 17.7)
Central African Republic	1512 (1094,2042)	141.3 (104.2,189.4)	2276 (1582,3194)	115.4 (81,160.8)	-18.3 (- 34.9,2.3)
Congo	1245 (970,1603)	126.5 (97.5,161.1)	1785 (1315,2327)	74.4 (57.1,92.4)	-41.2 (- 54.1,- 23.9)
Democratic Republic of the Congo	13076 (9776,17491)	89.9 (67.1,121.7)	24616 (17489,33334)	78.1 (55.8,106. 2)	-13.1 (- 35.5,16.3)
Equatorial Guinea	240 (180,310)	132 (101.4,169)	218 (138,321)	47.4 (31,67.9)	-64.1 (- 75.7,- 46.7)
Gabon	502 (376,633)	93 (69.7,117.9)	528 (380,713)	56.6 (41.9,74)	-39.2 (- 53.6,- 20.2)
East Asia	942386 (813480,1096 840)	138.1 (120.2,159.9)	1366572 (1147252,161 0948)	68.3 (57.4,80.2)	-50.5 (- 59.9,- 40.1)
China	913023 (784398,1064 534)	139.7 (121.1,162)	1322893 (1108046,156 7711)	68.8 (57.6,81.2)	-50.7 (- 60.3,- 39.9)
Democratic People's Republic of Korea	18703 (14347,23452)	137.4 (106.4,171.4)	37079 (29284,44919)	118.8 (94.3,144. 2)	-13.5 (- 32.4,14.6)
Taiwan (Province of China)	10660 (10287,11054)	75.2 (71.5,78)	6601 (5914,7132)	15.6 (14.1,16.8)	-79.2 (- 80.9,- 77.7)
Belarus	3214 (2823,3719)	25.1 (22.1,29.1)	3051 (2491,3654)	19.5 (15.9,23.3)	-22.6 (- 40.2,-2.8)
Estonia	602 (556,650)	29.7 (27.4,32)	197 (172,223)	6.9 (6.1,7.8)	-76.6 (- 79.7,- 73.4)
Latvia	1680 (1544,1845)	47 (43.2,51.5)	625 (550,701)	15.2 (13.4,17)	-67.7 (- 71.5,-

					63.1)
Lithuania	815 (749,886)	18.1 (16.7,19.8)	675 (588,749)	11.3 (9.8,12.6)	-37.8 (- 45.5,- 28.5)
Republic of Moldova	3593 (3320,3872)	87.9 (81.1,95.5)	1891 (1696,2105)	31.7 (28.4,35.2)	-64 (- 68.3,-59)
Russian Federation	69607 (67233,70876)	40.7 (39.1,41.6)	57522 (53053,61872)	24.7 (22.8,26.6)	-39.3 (- 43.7,- 34.9)
Ukraine	19863 (17943,21784)	28 (25.2,30.6)	14298 (10820,18222)	19.1 (14.3,24.4)	-31.6 (- 48.9,-11)
Eastern Sub- Saharan Africa	84394 (73095,97581)	119.8 (104.3,138.3)	111874 (95012,13009 5)	71.8 (60.8,83.4)	-40.1 (- 49,-30.9)
Burundi	3868 (2953,4994)	168.4 (127.3,215.8)	3754 (2884,4657)	83.8 (64.1,103. 7)	-50.3 (- 63.6,- 32.2)
Comoros	210 (160,266)	112.7 (88.3,142.5)	279 (214,351)	61.9 (48.1,77.6)	-45 (- 58.9,- 24.9)
Djibouti	123 (91,162)	101.6 (75.6,134.9)	360 (256,478)	64.2 (46.7,83.4)	-36.7 (- 53.8,- 12.5)
Eritrea	1742 (1349,2250)	166.8 (131.5,215.7)	2391 (1782,3197)	97.7 (74.1,128. 2)	-41.4 (- 53.2,-26)
Ethiopia	23884 (18987,30964)	128.9 (103.1,162.6)	20820 (16700,25525)	52 (41.3,64.2)	-59.7 (- 71.1,- 48.1)
Kenya	4676 (3464,5621)	62.5 (45.3,75.1)	11369 (8685,14322)	57.1 (43.5,71.9)	-8.5 (- 25.5,13.4)
Madagascar	8268 (7204,9454)	168 (145.4,195.1)	13241 (9935,17160)	127.1 (93.3,162. 6)	-24.4 (- 42.9,-1.6)
Malawi	3678 (3092,4450)	101.3 (85.9,121)	5836 (4711,7044)	84.8 (67.9,102. 7)	-16.3 (- 33.7,4)
Mozambique	7182 (6074,8604)	127.7 (108.4,152.3)	13702 (10453,17639)	127.8 (97,163)	0.1 (- 24.4,27.8)
Rwanda	5504 (4420,6800)	204 (165.6,251.2)	4288 (3112,5593)	77.8 (56.4,102)	-61.9 (- 73.4,-

					48.4)
Somalia	3455 (2529,4551)	158.1 (119.2,201.9)	5868 (4086,8130)	106.4 (74.5,145.6)	-32.7 (-48.2,-11.5)
South Sudan	2884 (2213,3715)	115.6 (89.5,148.6)	2897 (2024,4046)	81.7 (59.3,109.9)	-29.3 (-47.3,-5)
Uganda	6323 (4765,8040)	104.2 (79.5,131.6)	8189 (5891,10928)	60.7 (43.4,80.3)	-41.8 (-57.3,-21.6)
United Republic of Tanzania	9181 (7609,11015)	90.2 (74.2,108.4)	12632 (9239,16781)	54.6 (39.5,71.7)	-39.4 (-53.8,-17.6)
Zambia	3355 (2763,4086)	131.2 (107.9,161.8)	6151 (4557,8062)	100.5 (75.3,128)	-23.4 (-42.8,0.9)
High-income Asia Pacific	60613 (56522,63819)	31.8 (29.5,33.5)	54899 (45364,60784)	10.2 (8.8,11)	-67.9 (-70.2,-65.9)
Brunei Darussalam	53 (45,62)	55.2 (46.3,64.6)	75 (64,89)	25.5 (21.6,29.8)	-53.7 (-62.9,-39.4)
Japan	35399 (32388,37051)	21.9 (19.8,23)	43254 (35296,47796)	10 (8.8,10.8)	-54.3 (-56.9,-52.2)
Republic of Korea	24519 (21445,26862)	102.6 (89.2,113.1)	11075 (9144,12771)	12.1 (10,14)	-88.2 (-89.8,-86)
Singapore	642 (610,670)	29.9 (28.3,31.4)	496 (446,537)	5.9 (5.3,6.4)	-80.2 (-82.1,-78.3)
High-income North America	39017 (36249,40680)	10.9 (10.2,11.4)	62750 (56014,66579)	9.3 (8.4,9.8)	-15.3 (-19.3,-12.1)
Canada	3141 (2915,3340)	9.6 (9,10.2)	4563 (3960,4946)	5.8 (5.1,6.3)	-39.5 (-44.4,-34.1)
Greenland	16 (14,18)	55.9 (48.1,63.9)	16 (13,18)	25.6 (21.2,30.9)	-54.3 (-62.3,-43.8)
United States of America	35859 (33193,37340)	11.1 (10.3,11.5)	58171 (52026,61737)	9.7 (8.7,10.3)	-12.6 (-16.9,-9.2)
North Africa and Middle East	96235 (84635,106834)	57.9 (50.4,65.2)	106099 (91137,121433)	25.4 (21.6,28.9)	-56.2 (-62,-49)
Afghanistan	8460	128.1	6844	68.9	-46.2 (-

	(6030,11138)	(91.2,169.4)	(4753,9390)	(46.1,95.6)	60.3,-29.1)
Algeria	5004 (3918,6210)	50.2 (38.1,63.1)	7091 (4831,10280)	24.6 (16.8,35.5)	-51 (-64.8,-37.1)
Bahrain	79 (71,87)	58 (52.1,64)	134 (112,158)	22.4 (19.2,26.3)	-61.4 (-68.5,-53.2)
Egypt	21025 (13622,27456)	82.4 (50.1,111.2)	17014 (10723,23174)	31.4 (19.8,42.8)	-61.9 (-70.4,-50.1)
Iran (Islamic Republic of)	5148 (4543,5662)	21.2 (18.3,23.4)	6875 (6193,7540)	9.5 (8.5,10.5)	-55.1 (-60.3,-48.3)
Iraq	5966 (4988,7152)	69.3 (57.2,83.5)	9865 (7601,12358)	44.5 (35,54.4)	-35.8 (-52.2,-14.5)
Jordan	554 (463,663)	38.4 (31.4,46.5)	935 (742,1136)	14.4 (11.5,17.6)	-62.5 (-71.5,-51.2)
Kuwait	88 (81,94)	13 (11.7,14.1)	213 (176,259)	7.8 (6.4,9.4)	-39.8 (-50.8,-28.1)
Lebanon	1148 (896,1449)	58.5 (45.6,73.4)	916 (750,1110)	14.2 (11.7,17.2)	-75.6 (-81.7,-67.6)
Libya	597 (464,760)	27.3 (20.2,36.4)	988 (666,1393)	19.5 (13.1,28)	-28.8 (-48.4,-3.3)
Morocco	7246 (5150,9500)	50.3 (34.4,66.9)	9573 (6557,12620)	30 (20.9,39.3)	-40.3 (-55.1,-24.7)
Oman	313 (233,409)	44.4 (33,59)	303 (237,374)	16.8 (13.4,20.2)	-62.2 (-72.8,-44.9)
Palestine	465 (374,562)	52.2 (41.9,63.4)	524 (444,607)	23.9 (20.3,27.8)	-54.1 (-64.3,-40.8)
Qatar	49 (41,58)	61.7 (51.2,72.1)	107 (81,140)	16.5 (13,20.4)	-73.3 (-80.1,-64.9)
Saudi Arabia	3519 (2736,4445)	60.1 (46.3,75.6)	5692 (4472,7076)	30 (24.8,36.2)	-50.1 (-62.7,-30.7)
Sudan	9042	88.5	6850	35	-60.5 (-

	(6705,11183)	(64.1,114.2)	(4598,9477)	(23.1,48.5)	70.9,-44.8)
Syrian Arab Republic	3771 (2981,4589)	62.6 (49.2,77.6)	4109 (3106,5277)	36.3 (28,45.4)	-42.1 (-58.4,-14.5)
Tunisia	1677 (1279,2115)	37.8 (27.9,48.6)	2320 (1417,3619)	18.9 (11.5,29.2)	-50 (-66.5,-29.8)
Turkey	16983 (14439,19543)	51.8 (43.3,60)	18325 (15013,22123)	21 (17.3,25.3)	-59.4 (-67.7,-47.5)
United Arab Emirates	175 (133,228)	40.4 (30.5,52.6)	491 (382,609)	22.4 (18.4,27)	-44.5 (-57.1,-29.1)
Yemen	4875 (3590,6335)	97.9 (70.6,132.9)	6830 (4715,9574)	51.6 (34.5,73.6)	-47.2 (-61.6,-25.4)
Oceania	3671 (2905,4578)	143.3 (116.3,176.7)	7262 (5783,8882)	110.4 (88.8,133.7)	-23 (-37.7,-3.8)
American Samoa	19 (17,21)	94.4 (84.5,104.4)	30 (26,36)	69.6 (59.4,82.1)	-26.3 (-38.2,-9.3)
Cook Islands	9 (8,11)	80.2 (69.6,91.4)	9 (8,11)	36.8 (29.8,44.1)	-54.1 (-63.8,-43)
Fiji	342 (294,398)	107.2 (92.8,124)	514 (400,646)	78.5 (63,96.9)	-26.8 (-42.8,-3.6)
Guam	30 (27,33)	46.6 (42.1,50.8)	48 (42,54)	22.9 (20.3,25.9)	-50.8 (-57.4,-42.1)
Kiribati	51 (41,59)	143.8 (117.1,167.8)	83 (66,103)	122.4 (100.9,148.1)	-14.9 (-31.4,7.7)
Marshall Islands	26 (22,31)	173.8 (145.6,205.2)	43 (33,56)	137.4 (105.4,175.4)	-21 (-36.7,-1.6)
Micronesia (Federated States of)	84 (67,102)	181.3 (146.5,219.8)	87 (68,110)	129.5 (101.8,162.9)	-28.6 (-43.7,-6.8)
Nauru	8 (6,10)	177.9 (142.8,223.1)	8 (7,11)	147.2 (117.7,183.5)	-17.3 (-34.9,8.9)
Niue	3 (2,3)	110.4 (92.1,	2 (1,2)	78.9	-28.6 (-

		131.6)		(65.3, 93.7)	42.4,- 11.2)
Northern Mariana Islands	14 (11,18)	92.5 (77.4,112.9)	26 (23,29)	59.6 (51.7,66.1)	-35.5 (-49.8, -21.2)
Palau	10 (8,13)	109.6 (91,132.2)	16 (13,19)	77.3 (62.5,93.6)	-29.5 (-45.2, -8.6)
Papua New Guinea	2407 (1805,3153)	157.3 (119.6,204.6)	5228 (3843,6698)	122.1 (91.1,153. 9)	-22.4 (- 43.1,7)
Samoa	100 (82,117)	130.2 (107.6,151.2)	131 (109,158)	98.4 (82.7,117. 9)	-24.4 (- 37.7,-5.9)
Solomon Islands	211 (143,266)	186.8 (142.2,227.5)	479 (376,606)	160.7 (129.6,19 8.9)	-14 (- 32.3,13.4)
Tokelau	2 (1,2)	131.4 (105.6,160.7)	1 (1,1)	75.8 (57.5,95.7)	-42.3 (- 54.7,- 27.8)
Tonga	28 (22,34)	55.4 (44.7,66.9)	34 (27,42)	44.2 (35.1,54.3)	-20.1 (- 40,5.4)
Tuvalu	11 (9,13)	181.3 (149.9,213.5)	10 (9,13)	108 (91,128.6)	-40.5 (- 51,-27.3)
Vanuatu	83 (67,105)	148.3 (121.6,183.9)	187 (150,228)	117.6 (95.3,141. 6)	-20.7 (- 35.5,-2.6)
South Asia	308097 (259917,3563 17)	56.4 (47.5,65.9)	558346 (456819,6404 17)	39.4 (32,45.3)	-30.2 (- 39.9,- 18.8)
Bangladesh	51427 (41841,61459)	111.5 (90.5,134)	87155 (67137,11004 0)	67.9 (51.6,85.1)	-39.1 (- 52.3,- 22.3)
Bhutan	122 (91,162)	53.7 (39.2,71.9)	171 (130,219)	29.5 (22.5,37.5)	-45.1 (- 60.2,- 25.7)
India	221736 (182032,2595 62)	49.9 (40.6,58.8)	411023 (332439,4791 99)	35.4 (28.4,41.5)	-29 (- 40.8,- 15.5)
Nepal	5777 (4482,7324)	65.1 (49.8,82.2)	8755 (6577,11471)	40 (29.4,52.2)	-38.6 (- 54.8,- 15.9)
Pakistan	29035	53.2	51242	44.3	-16.8 (-

	(23874,34579)	(42.9,63.8)	(41527,64735)	(35.9,55.6)	33.5,6.5)
Southeast Asia	270021 (241993,298671)	113.1 (99.8,126.5)	500812 (438999,571700)	80.7 (70.6,92.4)	-28.6 (-38.5,-17.7)
Cambodia	6243 (5302,7278)	151.2 (128.1,176.6)	11226 (8742,13978)	104.1 (81.9,127.3)	-31.1 (-47.5,-12.1)
Indonesia	115864 (98864,134424)	125.6 (103.6,150.8)	241504 (194265,298009)	112.6 (89.3,140.6)	-10.4 (-28.1,8)
Lao People's Democratic Republic	3639 (2844,4608)	177.1 (136.8,221.4)	4316 (3309,5384)	99.8 (77,121.9)	-43.6 (-58.2,-25)
Malaysia	7280 (6578,7930)	81.9 (74,89.6)	12826 (11480,14251)	48.3 (43.2,54)	-41 (-48.9,-32)
Maldives	117 (101,135)	138.7 (121.2,156.7)	115 (93,137)	37.3 (30.5,44.4)	-73.1 (-79.1,-66.4)
Mauritius	519 (490,552)	71.7 (67.7,76)	472 (437,497)	26.5 (24.6,27.8)	-63.1 (-65.9,-60.7)
Myanmar	40178 (31922,49969)	178.2 (144,221)	46968 (37644,58912)	101.5 (81.4,126.8)	-43 (-57.3,-22.3)
Philippines	19915 (18187,21566)	73.6 (67.3,79.5)	51846 (43593,60218)	64.6 (54.6,74.8)	-12.2 (-25.8,3)
Seychelles	36 (31,42)	63.3 (55.4,74.1)	38 (33,44)	34.1 (29.3,39.8)	-46.2 (-53.8,-36.9)
Sri Lanka	6463 (5722,7182)	69.4 (61.3,76.7)	9520 (6512,12873)	38.2 (26.2,51.3)	-45 (-63.6,-22.9)
Thailand	19492 (16685,22181)	61 (51.6,70.3)	32814 (25457,40801)	31 (24.2,38.6)	-49.2 (-61.5,-32.6)
Timor-Leste	302 (246,366)	117.3 (93.3,144.1)	795 (587,1022)	98.1 (72.6,126.7)	-16.3 (-38.5,11.3)
Viet Nam	49582 (39145,62838)	130.6 (102.4,164.4)	87674 (70631,104639)	95.4 (76.9,113)	-26.9 (-45.7,-4.8)
Southern Latin	18951	41.7 (39.4,44)	13214	15	-64.1 (-

America	(17972,19995)		(12212,14024)	(13.9,15.9)	66.9,-61.5)
Uruguay	1264 (1181,1344)	32.8 (30.7,34.9)	822 (746,881)	14 (12.8,15)	-57.3 (-61.5,-53.2)
Argentina	14350 (13527,15309)	45.3 (42.5,48.4)	9371 (8670,9988)	16.6 (15.3,17.7)	-63.4 (-66.6,-60.2)
Chile	3337 (3172,3516)	33.9 (32.2,35.7)	3021 (2762,3257)	11.7 (10.7,12.6)	-65.6 (-68.3,-63)
Southern Sub-Saharan Africa	13088 (11383,14453)	49.3 (42.3,55)	27476 (25442,29751)	50.7 (46.8,55.1)	2.8 (-8,19.3)
Botswana	501 (380,632)	100.3 (77,126.6)	618 (468,817)	48 (37.2,62.5)	-52.2 (-65.2,-34.4)
Eswatini	263 (211,322)	102.7 (81.7,126.4)	434 (291,622)	84.2 (58.6,117.2)	-18.1 (-41.5,14)
Lesotho	692 (544,866)	88.5 (69.1,110.7)	1205 (892,1608)	120.2 (91.1,157.5)	35.7 (-2.4,96.8)
Namibia	582 (481,701)	99.8 (81.6,122.7)	892 (664,1140)	72.5 (54.4,91.6)	-27.3 (-45.6,-5.2)
South Africa	8968 (7485,10167)	42.9 (35,49.2)	19000 (17069,20756)	43.8 (39.2,47.9)	1.9 (-9.1,19.1)
Zimbabwe	2082 (1702,2460)	58.3 (47.8,69)	5327 (4156,6695)	83.3 (66.8,100.9)	42.7 (9.2,91.6)
Tropical Latin America	44826 (43213,46160)	48.5 (46.3,50.2)	43863 (41028,45959)	17.1 (16,17.9)	-64.7 (-66.5,-63.1)
Brazil	43826 (42285,45163)	48.5 (46.3,50.2)	42419 (39721,44402)	16.9 (15.8,17.8)	-65.1 (-66.8,-63.4)
Paraguay	1000 (876,1138)	45.7 (39.9,52)	1444 (1100,1820)	25.2 (19.3,31.6)	-44.9 (-58.7,-28.1)
Western Europe	110336 (103441,115605)	18.7 (17.5,19.5)	88732 (76162,95377)	8.1 (7.1,8.6)	-56.9 (-59.8,-54.7)

Andorra	5 (3,6)	8.9 (6.4,11.9)	8 (6,11)	5.1 (3.7,6.7)	-42.7 (- 61.7,- 18.3)
Austria	2105 (1946,2247)	17.2 (16,18.3)	1251 (1078,1369)	5.9 (5.2,6.4)	-65.5 (- 68.7,- 62.6)
Belgium	3126 (2890,3353)	20 (18.5,21.4)	2347 (1987,2589)	8.6 (7.5,9.4)	-56.9 (- 61,-53)
Cyprus	256 (215,304)	42.8 (36,50.2)	211 (172,247)	11.5 (9.5,13.4)	-73.1 (- 78.7,- 65.8)
Denmark	1683 (1556,1791)	19.8 (18.5,21.1)	1207 (1070,1311)	9.1 (8.1,9.9)	-54 (- 57.8,- 50.3)
Finland	1114 (1003,1239)	15.4 (13.9,17)	1125 (957,1234)	7.7 (6.7,8.4)	-49.9 (- 55.9,- 44.2)
France	14257 (13028,15133)	16.6 (15.2,17.6)	11601 (9953,12685)	6.6 (5.8,7.2)	-60.2 (- 63.6,- 57.1)
Germany	20913 (18670,23651)	16.1 (14.4,18)	14801 (12749,16158)	6.7 (5.9,7.2)	-58.3 (- 63.7,- 53.2)
Greece	7137 (6659,7516)	48.4 (44.8,51)	5589 (4894,6038)	19.1 (17,20.4)	-60.5 (- 63,-57.9)
Iceland	41 (38,44)	13.8 (12.7,14.8)	38 (31,42)	5.8 (4.9,6.4)	-58.1 (- 62.8,- 53.2)
Ireland	609 (569,641)	15 (13.9,15.8)	426 (365,471)	5.1 (4.3,5.6)	-66.3 (- 69.8,- 62.9)
Israel	1146 (1061,1220)	24 (22.1,25.5)	1077 (941,1181)	8.1 (7.2,8.9)	-66.2 (- 69.7,- 63.2)
Italy	16789 (15587,17543)	18.9 (17.5,19.7)	17121 (14326,18658)	9.6 (8.3,10.3)	-49.1 (- 52.7,- 46.4)
Luxembourg	154 (145,162)	28.4 (26.8,29.8)	103 (90,114)	8.8 (7.7,9.7)	-69 (- 72.6,- 65.5)
Malta	98 (92,104)	23.6 (22,25)	77 (66,86)	7.3 (6.3,8.1)	-69.2 (- 72.5,- 65.5)
Monaco	16 (12,20)	21.4 (16.4,26)	10 (8,12)	9 (7,11.3)	-57.7 (-

					68.8,- 39.8)
Netherlands	3088 (2838,3282)	15.1 (13.9,16)	2985 (2573,3255)	7.6 (6.7,8.3)	-49.4 (- 53.6,- 45.4)
Norway	952 (883,996)	13 (12.1,13.6)	772 (664,835)	6.7 (5.8,7.2)	-48.6 (- 52.3,- 45.6)
Portugal	7530 (7072,7885)	55.9 (52.3,58.4)	3708 (3260,4023)	13.2 (11.9,14.3)	-76.3 (- 78.2,- 74.5)
San Marino	6 (5,7)	16.3 (13.4,19.2)	5 (3,7)	5.7 (3.7,8)	-65 (- 76.5,- 49.8)
Spain	13158 (12131,13881)	24.4 (22.5,25.7)	9634 (8086,10698)	8.1 (7,8.9)	-66.6 (- 69.3,-64)
Sweden	2198 (2035,2334)	13.5 (12.5,14.3)	1791 (1530,1998)	6.9 (6,7.7)	-48.6 (- 54.2,-43)
Switzerland	1438 (1279,1595)	12.9 (11.6,14.3)	941 (773,1049)	4.3 (3.6,4.7)	-67 (- 71,-62.7)
United Kingdom	12425 (11752,12779)	13.4 (12.7,13.8)	11827 (10455,12573)	8 (7.2,8.5)	-40.1 (- 43.8,- 37.8)
Western Sub-Saharan Africa	74890 (60442,91578)	89 (71.6,109)	105535 (83668,126793)	56.7 (44.4,67.2)	-36.3 (- 45.8,- 25.1)
Benin	1987 (1648,2429)	103.4 (85.5,127.2)	3334 (2561,4094)	70.6 (54.4,87.6)	-31.7 (- 46,-12.7)
Burkina Faso	2863 (2223,3545)	69.8 (54.2,85.6)	5043 (3749,6349)	57.9 (43,73.6)	-17 (- 35.1,6.8)
Cabo Verde	109 (88,129)	46.3 (37.4,55.3)	162 (127,202)	37.6 (29.2,46.7)	-18.9 (- 38.4,7.8)
Cameroon	3873 (2904,5149)	92.7 (67.8,121.3)	8897 (6143,12323)	75.1 (52.1,101.8)	-19 (- 38.8,12.2)
Chad	2361 (1869,2891)	84.1 (65.4,103.1)	4626 (3403,6195)	80.5 (58.7,106.7)	-4.3 (- 28.4,24.2)
Coted'Ivoire	3077 (2370,4067)	78 (60.9,101.6)	6644 (4768,8746)	61.9 (45.1,81.3)	-20.7 (- 41.3,8.1)
Gambia	281 (216,361)	82.7	725 (548,930)	77.6	-6.2 (-

		(63.7,106.8)		(58.4,99.6)	30,27.3)
Ghana	6360 (5016,8050)	103.9 (80,132.1)	12668 (9411,16306)	80 (58.6,102.6)	-23 (-42.3,4.8)
Guinea	2962 (2332,3735)	89.4 (69.7,114.7)	4199 (3048,5404)	76.3 (55.8,97.4)	-14.7 (-36.3,16.6)
Guinea-Bissau	590 (450,776)	147.5 (112.5,191.2)	789 (590,1009)	113.9 (85.7,145.4)	-22.8 (-42,-0.6)
Liberia	1002 (792,1242)	85.6 (68.4,104.8)	1427 (1042,1911)	70.2 (51.9,93.3)	-18 (-39.2,11.9)
Mali	3306 (2511,4206)	86 (63.7,110.4)	5048 (3674,6526)	58.9 (42.8,76)	-31.5 (-46,-12.4)
Mauritania	974 (773,1244)	101.3 (79,131.2)	1148 (846,1560)	56.2 (41.5,76.3)	-44.5 (-58.8,-22.6)
Niger	2514 (1834,3426)	92.4 (67.3,124.4)	5783 (3929,7888)	76 (51.9,103)	-17.8 (-35.6,5.8)
Nigeria	37012 (27804,48005)	89 (66.8,116.9)	34626 (26515,44352)	40.7 (31.6,51.1)	-54.2 (-64.2,-39.1)
Sao Tome and Principe	42 (35,49)	67 (55.7,77.9)	58 (48,73)	55 (45.4,66.3)	-17.8 (-34,4.9)
Senegal	2715 (2208,3353)	83.9 (67.9,103.8)	4873 (3660,6244)	66.5 (49.6,84.9)	-20.7 (-38.7,1.5)
Sierra Leone	1782 (1425,2267)	83.5 (67,104.5)	2675 (1975,3562)	71.2 (53.8,94.3)	-14.8 (-33.8,11)
Togo	1079 (887,1310)	88.6 (73.6,108.5)	2807 (2029,3690)	79.5 (59.1,102.7)	-10.3 (-32.2,17.7)

95% UI=95% uncertainty intervals. ASDR: Age-standardized death rate

Supplementary Table 4: DALYs of Intracerebral Hemorrhage in 1990 and 2021 and the percentage change in the age-standardised rates (ASRs) per 100,000, by location.

location	Number (95% UI) (1990)	ASR/ 100000 (95% UI) (1990)	Number (95% UI) (2021)	ASR/ 100000 (95% UI) (2021)	Change ASR/ 100000 (1990- 2021) (95% UI)
Global	63197955 (59216767,6707 6895)	1516.8 (1421,1613. 3)	79457427 (72748913, 85480165)	923.6 (844.8,993. 2)	-39.1 (- 44.7,- 33.1)
Andean Latin America	228425 (200623,263937)	927.4 (820.8,1065 .1)	234343 (193965,284558)	381.9 (316.4,463. 7)	-58.8 (- 67,- 48.8)
Bolivia (Plurinatio nal State of)	61298 (45919,85399)	1558.4 (1167.9,215 9.4)	62243 (44498,84686)	647.1 (463,881.2)	-58.5 (- 69.2,- 42.3)
Ecuador	54226 (50814,57554)	857.7 (803,914.6)	54638 (43759,67963)	328.1 (263.1,407. 8)	-61.8 (- 70.1,- 52.1)
Peru	112901 (96605,133332)	786.7 (667.8,929. 4)	117462 (90446,150853)	336.4 (258.9,433. 3)	-57.2 (- 69.1,- 42.3)
Australasia	68019 (63608,72028)	290.8 (271.6,308. 2)	67763 (61317,73378)	126.6 (115.9,136. 7)	-56.5 (- 59.8,- 53.1)
Australia	56337 (52564,60099)	289 (269.7,307. 8)	56597 (51170,61414)	125.2 (114.4,135. 7)	-56.7 (- 59.9,- 53.1)
New Zealand	11682 (10881,12341)	300.4 (279.9,317)	11167 (10099,12080)	133.8 (121.9,144. 3)	-55.5 (- 59.1,- 51.8)
Caribbean	353990 (319027,388722)	1280.1 (1161.5,140 1.8)	443350 (375380,519204)	839.6 (709.9,983. 2)	-34.4 (- 43.9,- 23.1)
Antigua and Barbuda	716 (668,764)	1366.9 (1274,1455. 6)	721 (662,790)	666.5 (613.6,726. 3)	-51.2 (- 56.1,- 45.9)
Bahamas	1978 (1797,2160)	1170.5 (1062.5,127 9.7)	2649 (2139,3268)	615.2 (499.3,754. 4)	-47.4 (- 58.3,- 33)
Barbados	2400	875.2	2548	509.8	-41.8 (-

	(2243,2576)	(819.5,935.9)	(2021,3171)	(403.6,634.6)	56.1,-27.3)
Belize	969 (908,1039)	955.2 (894.4,1024.8)	1936 (1698,2176)	604.9 (531.9,679.9)	-36.7 (-45.6,-27.6)
Bermuda	312 (280,355)	493.2 (442.8,561.2)	240 (202,286)	187.9 (158.1,223.4)	-61.9 (-69.3,-53)
Cuba	77961 (72922,82980)	755.7 (706.7,804.4)	77947 (67022,88956)	417.1 (359.2,475.1)	-44.8 (-53,-36.4)
Dominica	705 (640,770)	1191.4 (1081.7,1302.9)	659 (552,799)	783.2 (657.6,945.1)	-34.3 (-45.9,-20.6)
Dominican Republic	48808 (42317,55991)	1150 (991.8,1321.9)	92540 (72337,119199)	896.9 (701.7,1153.7)	-22 (-40.8,5.1)
Grenada	1092 (981,1219)	1618 (1454.4,1803.2)	871 (750,979)	740.7 (643.2,831.8)	-54.2 (-62.1,-45.7)
Guyana	15827 (14250,17541)	3775.8 (3395.2,4177.3)	10348 (7879,13297)	1503.9 (1152.9,1922.2)	-60.2 (-70.4,-48.7)
Haiti	138609 (107737,173837)	3553.3 (2729.3,4324.7)	179645 (129578,242449)	2169.3 (1589.4,2920.3)	-38.9 (-55,-18.2)
Jamaica	21102 (19200,22994)	1190.6 (1085.7,1293.2)	25032 (19310,31761)	812.4 (626,1031.5)	-31.8 (-48.6,-11.4)
Puerto Rico	13171 (12540,13827)	365.5 (347.4,383.3)	11227 (9324,13092)	177.4 (146.1,207.3)	-51.5 (-59.8,-43.3)
Saint Kitts and Nevis	861 (790,958)	2384.7 (2189.8,2634.1)	708 (579,848)	972.6 (806.7,1149.2)	-59.2 (-66.9,-50.4)
Saint Lucia	1422 (1340,1516)	1607.6 (1511.9,1715.4)	1641 (1350,1967)	684 (563.9,817.8)	-57.4 (-65.5,-48.6)
Saint Vincent and the Grenadines	1076 (995,1171)	1458.1 (1346.3,1589.6)	1186 (1036,1350)	835.8 (732.8,948.6)	-42.7 (-51,-33.1)
Suriname	4657	1697.2	7620	1170.4	-31 (-

	(4066,5124)	(1506.9,186 6.9)	(5979,9331)	(921.9,1426 .8)	47.3,- 12.7)
Trinidad and Tobago	9642 (9134,10201)	1113.8 (1053.5,117 8.8)	10306 (7905,13216)	541 (415.8,693. 9)	-51.4 (- 63.3,- 37)
United States Virgin Islands	696 (566,822)	775.3 (628.7,905)	522 (415,653)	329.3 (262.3,409. 5)	-57.5 (- 68,- 43.2)
Central Asia	837737 (792642,890168)	1735.1 (1635.1,184 6.4)	884451 (792892,985113)	1066.6 (961.2,1184 .2)	-38.5 (- 44.8,- 31.9)
Armenia	23743 (21648,25943)	868.4 (791,948.8)	11833 (10559,13317)	281.7 (251.4,316. 8)	-67.6 (- 72,- 62.5)
Azerbaijan	90542 (75742,106432)	1782.7 (1487.3,209 6.6)	115226 (89453,142874)	1197.6 (933.8,1478 .1)	-32.8 (- 50.1,- 12.7)
Georgia	151086 (133221,168028)	2433 (2144.4,271 1.2)	67427 (58933,76196)	1156.9 (1003.7,131 8.3)	-52.4 (- 60,- 43.7)
Kazakhstan	176952 (156314,200157)	1356.8 (1197.3,153 8.3)	206921 (176004,239608)	1172.4 (1009.2,134 5.7)	-13.6 (- 27.8,2.5)
Kyrgyzstan	60451 (55154,66486)	1964 (1786.6,216 1.3)	39214 (32283,46177)	728.9 (603.3,853. 8)	-62.9 (- 69.5,- 55.2)
Mongolia	42516 (35919,49959)	3984.2 (3373.2,468 8.6)	52403 (43264,62909)	2174.5 (1802.3,258 5.3)	-45.4 (- 57.3,- 30.2)
Tajikistan	50767 (43113,59011)	1734.6 (1467.7,202 0.7)	69630 (54485,87307)	1168.5 (913.5,1455 .6)	-32.6 (- 50.5,- 9.6)
Turkmenistan	28459 (24524,33447)	1350.2 (1162.4,159 9.4)	73336 (55721,94681)	1651.3 (1254.7,213 7.7)	22.3 (- 7.1,55.4)
Uzbekistan	213220 (198749,226907)	1750.6 (1627,1867. 6)	248461 (211433,290713)	912 (786.4,1059 .8)	-47.9 (- 56.2,- 38)
Central Europe	1853094 (1792178,19156 11)	1254.4 (1211.8,129 6.6)	957740 (882029,102998 7)	457.1 (419.7,492. 7)	-63.6 (- 66.3,- 60.6)
Albania	48263 (42934,54062)	2509.4 (2235.6,281	65219 (53094,78550)	1552.4 (1261.5,187	-38.1 (- 51.5,-

		5.1)		0)	23.6)
Bosnia and Herzegovina	30421 (25778,35683)	732.8 (621.2,858.9)	20977 (16131,26391)	348.6 (268,435.4)	-52.4 (-64.3,-38)
Bulgaria	296285 (283778,309810)	2528.3 (2423.2,2641.5)	114715 (98095,133746)	892.5 (759.1,1044.1)	-64.7 (-69.9,-58.5)
Croatia	68661 (64635,72866)	1125.6 (1062.6,1190.2)	25824 (22646,29404)	299.3 (262.3,340.4)	-73.4 (-76.9,-69.3)
Czechia	101376 (94126,108983)	745.6 (691.8,801.1)	35133 (30940,39726)	172.7 (151.8,196.5)	-76.8 (-79.8,-73.6)
Hungary	165400 (157443,173752)	1171.8 (1116,1231.9)	45991 (39477,52795)	261.1 (224.1,299.7)	-77.7 (-80.8,-74.5)
Montenegro	16551 (14531,18592)	2719.1 (2388.3,3045.4)	22949 (19574,27078)	2510.1 (2158.9,2941)	-7.7 (-24,10)
North Macedonia	33424 (29466,37527)	1778.2 (1569.1,1999.5)	32191 (25402,40294)	1018.4 (813.5,1260.2)	-42.7 (-55.3,-25.9)
Poland	381328 (366793,393002)	890.1 (855.5,916.8)	185170 (168955,201869)	282.1 (257.9,308.3)	-68.3 (-71,-65.2)
Romania	447147 (406147,485511)	1608.9 (1468.2,1746)	264153 (232990,297279)	755.5 (664.8,852.5)	-53 (-60,-45.9)
Serbia	161456 (140079,185217)	1524.8 (1330.9,1746.1)	94196 (77373,112748)	585.3 (483.5,701.4)	-61.6 (-69.8,-51.4)
Slovakia	59401 (52062,66277)	1001.1 (878.5,1115.2)	31471 (26505,37983)	344.7 (289.8,415.4)	-65.6 (-71.7,-56.6)
Slovenia	13745 (12736,14739)	559.4 (519.5,599.9)	5812 (5000,6549)	129.7 (111.8,146.5)	-76.8 (-79.8,-73.6)
Central Latin America	617861 (601144,634932)	645.7 (625.5,664.1)	853699 (762557,971209)	335.5 (299.9,381.5)	-48 (-53.8,-41.5)
Colombia	143842 (138221,149209)	734.8 (702.9,763.9)	118100 (98664,139123)	215.1 (180.1,253.3)	-70.7 (-75.7,-65.8)
Costa Rica	7191	386.6	10216	186.5	-51.8 (-

	(6740,7622)	(361.6,410.5)	(8998,11349)	(164.4,207)	57.7,-45.8)
El Salvador	28081 (25485,30559)	813.3 (738.7,886.1)	21001 (16889,25704)	339 (271.4,416.1)	-58.3 (-67.5,-46.7)
Guatemala	39046 (37066,41397)	873.4 (817.2,934)	58589 (50234,67434)	498.6 (427.3,573.6)	-42.9 (-52.4,-33.5)
Honduras	29507 (24789,34654)	1151.6 (962.7,1354.2)	73226 (59082,91180)	1110.4 (898,1370.4)	-3.6 (-23.9,24.7)
Mexico	246006 (240210,252666)	501 (489.2,513.6)	356817 (316088,400701)	275.9 (244.3,309.2)	-44.9 (-51,-38.5)
Nicaragua	14175 (12979,15437)	712.5 (644.9,771.4)	16900 (14386,20430)	327.9 (279.8,397.4)	-54 (-61.5,-43.3)
Panama	11009 (10346,11674)	692.2 (648.9,735.1)	16320 (12737,19642)	369.2 (288.1,444.4)	-46.7 (-58,-35.8)
Venezuela (Bolivarian Republic of)	99004 (93538,104384)	916.4 (862,970.4)	182530 (135007,237172)	601 (445.9,777.4)	-34.4 (-51.6,-15.8)
Central Sub-Saharan Africa	676632 (518834,885183)	2422.3 (1913.2,3077.3)	1064701 (797681,1357572)	1772.6 (1344.9,2260.3)	-26.8 (-42.6,-6.4)
Angola	143679 (113130,185092)	2848.9 (2282.6,3571.2)	219652 (168036,276356)	1651.5 (1258,2061.5)	-42 (-57.9,-22.8)
Central African Republic	49090 (34955,68414)	3542.2 (2594.4,4768.3)	72279 (49271,103092)	2799.7 (1966.1,3899)	-21 (-39.3,0.4)
Congo	36927 (28397,48019)	3087.7 (2406.3,3981.5)	52248 (38140,69644)	1744.5 (1296.5,2262.2)	-43.5 (-57.1,-26.4)
Democratic Republic of the Congo	426556 (311770,577050)	2185 (1642.5,2913.5)	699729 (495548,941354)	1775.2 (1278.6,2390.9)	-18.8 (-39.4,8.9)
Equatorial Guinea	7324 (5388,9530)	3257.9 (2454.5,4194.2)	6504 (4025,9705)	1101 (709.7,1618.9)	-66.2 (-77.5,-49.4)

Gabon	13056 (9771,16349)	2183.8 (1639.5,274 1.7)	14289 (9847,19672)	1292.2 (928.6,1747 .8)	-40.8 (- 55.4,- 20.4)
East Asia	23549106 (20369697,2733 4077)	2810.1 (2431.5,324 6.3)	28529140 (23808304,3376 6175)	1353.1 (1138.3,159 4)	-51.8 (- 60.6,- 41)
China	22779117 (19630525,2651 0841)	2830 (2441.8,328 1.1)	27463746 (22839243,3267 6709)	1351.6 (1129.1,160 0.9)	-52.2 (- 61.2,- 41.1)
Democrati c People's Republic of Korea	493967 (370680,630250)	3038 (2335.4,382 2.3)	907833 (708135,112090 9)	2745.1 (2159.7,338 5.5)	-9.6 (- 31.2,20. 7)
Taiwan (Province of China)	276022 (267159,285203)	1703.1 (1645.5,176 1.9)	157562 (144186,169334)	402.4 (369,430.9)	-76.4 (- 78.2,- 74.7)
Belarus	90994 (81402,104437)	718.2 (642,825.7)	78410 (63989,94812)	527.1 (429.5,637. 4)	-26.6 (- 43,-8.6)
Estonia	14507 (13350,15658)	720.1 (661.8,776. 9)	3988 (3518,4494)	166.5 (146,187.4)	-76.9 (- 80.1,- 73.7)
Latvia	37922 (34930,41476)	1069.9 (987.3,1170 .4)	12811 (11287,14340)	361 (316.8,405. 7)	-66.3 (- 70.4,- 61.7)
Lithuania	21994 (20214,23861)	496.8 (456.4,538. 6)	14124 (12417,15724)	273.8 (241.2,304. 4)	-44.9 (- 51.7,- 37.4)
Republic of Moldova	90728 (84031,97226)	2043.7 (1893.1,219 4.5)	45113 (40383,50633)	776 (694.2,870. 8)	-62 (- 66.8,- 57)
Russian Federation	1726577 (1685997,17562 40)	966.6 (942.1,984. 1)	1393904 (1291389,15015 90)	628.6 (582.1,677. 1)	-35 (- 39.9,- 29.9)
Ukraine	519074 (471815,564758)	736.5 (669.5,799. 5)	381988 (282138,487859)	547.9 (404.4,699. 7)	-25.6 (- 45,-3)
Eastern Sub- Saharan Africa	2529830 (2156354,29870 79)	2919.9 (2533.1,337 7.8)	3231776 (2741932,37798 85)	1694.9 (1441.6,196 4.7)	-42 (- 51.8,- 32.7)
Burundi	115001 (87632,150369)	4258.5 (3211.8,554 4.4)	111540 (86083,138710)	1986.1 (1533.2,245 8.6)	-53.4 (- 66.5,- 35)

Comoros	6298 (4494,8106)	2758.7 (2085.1,349 2.3)	7392 (5666,9299)	1433.6 (1099.3,179 5.6)	-48 (- 62,- 27.9)
Djibouti	3924 (2937,5138)	2416 (1802.3,316 2.2)	10687 (7565,14433)	1500.1 (1080.8,197 4.7)	-37.9 (- 55.8,- 12.2)
Eritrea	58817 (45179,76658)	4218 (3300.6,544 3.9)	72883 (52892,97728)	2306.2 (1739.4,305 5)	-45.3 (- 57.3,- 29.3)
Ethiopia	729920 (572900,977208)	3180.3 (2535.1,412 4.6)	568468 (458477,688994)	1186.1 (956.8,1451 .5)	-62.7 (- 74.4,- 51.5)
Kenya	128881 (100219,152626)	1406.3 (1047.9,169 1.1)	309639 (239190,391183)	1266.4 (973.6,1593 .1)	-9.9 (- 26.7,11. 7)
Madagasc ar	253378 (219507,287963)	4240 (3690.6,484 3.4)	421853 (315226,545905)	3110.4 (2339.9,401 1)	-26.6 (- 45,-3.7)
Malawi	113696 (93073,142743)	2447.1 (2055.9,294 1.6)	170118 (137142,206259)	2017.3 (1622,2434. 2)	-17.6 (- 34.6,3.7)
Mozambiq ue	206272 (172194,250241)	3093.3 (2622.3,368 8.7)	408783 (306981,536142)	3195.8 (2453.6,410 7.9)	3.3 (- 22.2,32. 8)
Rwanda	168709 (134226,209190)	5105.7 (4120,6308)	116450 (84177,152026)	1732.9 (1261,2263. 6)	-66.1 (- 76.9,- 53.1)
Somalia	113911 (82748,154447)	3876.3 (2875.4,505 9)	185015 (124189,261150)	2542.1 (1788,3487)	-34.4 (- 51.2,- 11.2)
South Sudan	82590 (62627,107051)	2791.4 (2120,3614)	88306 (60388,124037)	1947.4 (1370,2702. 3)	-30.2 (- 49.1,- 3.6)
Uganda	183172 (139103,234338)	2441.4 (1844.3,309 4.3)	237353 (175517,316183)	1405.8 (1016.9,186 9.3)	-42.4 (- 58.4,- 22.4)
United Republic of Tanzania	266107 (222413,318596)	2139.7 (1777.5,256 7.8)	344582 (251824,452496)	1234.4 (904.8,1637 .1)	-42.3 (- 56.7,- 21)
Zambia	97346 (80343,118630)	3029.2 (2498.7,369 6.8)	175895 (128002,236042)	2288.4 (1699.6,299 1.8)	-24.5 (- 45.5,0.7)
High-	1527893	766.7	1038269	253	-67 (-

income Asia Pacific	(1442344,1607196)	(721.3,807.2)	(916660,1124028)	(232.8,271.5)	68.9,-64.9)
Brunei Darussalam	1657 (1405,1953)	1348.3 (1141.3,1576.1)	2287 (1947,2699)	600.9 (519.1,698.1)	-55.4 (-64.5,-42.8)
Japan	848224 (799737,884988)	512.8 (482.3,535.5)	776369 (691099,840237)	251.8 (231.9,268.2)	-50.9 (-52.6,-49.2)
Republic of Korea	658794 (585423,719430)	2204.9 (1944.1,2405.2)	245744 (214675,283292)	278.6 (243.9,320.6)	-87.4 (-88.8,-84.9)
Singapore	19219 (18342,20032)	801.3 (764.4,836.5)	13868 (12728,14989)	165.7 (151.4,179.6)	-79.3 (-80.8,-77.8)
High-income North America	923420 (878464,956606)	274.4 (261.7,284)	1343437 (1250162,1412207)	221.2 (208.2,232.8)	-19.4 (-22.6,-16.6)
Canada	72417 (67895,76948)	225.5 (211.7,239.9)	90457 (82077,96911)	132.5 (121.3,141.5)	-41.3 (-45.6,-36.8)
Greenland	484 (414,552)	1305.4 (1128.7,1475.4)	396 (332,463)	573.8 (484.4,669.8)	-56 (-63.9,-47.7)
United States of America	850498 (806832,881553)	279.8 (265.9,289.7)	1252563 (1164768,1317343)	231.8 (218.1,244.1)	-17.2 (-20.7,-14.1)
North Africa and Middle East	3396227 (2947395,3912469)	1507.8 (1332.2,1667.2)	3051893 (2633083,3493646)	614.4 (529.3,701.5)	-59.2 (-65.1,-52.3)
Afghanistan	259201 (188075,338217)	3325.6 (2401.3,4369.4)	241355 (173077,326234)	1752.2 (1210.9,2400.5)	-47.3 (-60.8,-29.2)
Algeria	166213 (136330,198353)	1131.9 (896.5,1395.5)	180749 (126506,253357)	506.5 (357.4,713.2)	-55.3 (-66.8,-42.5)
Bahrain	2627 (2389,2860)	1232.9 (1116.7,1354.8)	4258 (3612,4981)	447.6 (381.7,521.6)	-63.7 (-69.8,-55.7)
Egypt	819058 (546263,1080870)	2104.9 (1374.6,2742)	516111 (339533,692517)	735.8 (477.3,992.1)	-65 (-73.4,-56.2)

Iran (Islamic Republic of)	179957 (159922,207710)	540.4 (480.4,594.2)	186754 (171075,203510)	230.6 (210.9,251.6)	-57.3 (-62.6,-51.1)
Iraq	208255 (176963,247595)	1940.1 (1620.3,2328.2)	297781 (228418,374238)	1086 (840.2,1345.9)	-44 (-58.3,-25.1)
Jordan	22662 (19463,26508)	1031.2 (862.1,1238.2)	29676 (24459,35227)	345.2 (280.6,412.1)	-66.5 (-73.7,-57.1)
Kuwait	3855 (3614,4128)	370.3 (343.3,399.3)	7483 (6280,8910)	202.4 (169.5,240.1)	-45.3 (-54.7,-35)
Lebanon	31355 (24540,39509)	1374.7 (1075.8,1719.9)	19417 (16415,23159)	319.4 (270.2,382.6)	-76.8 (-82.5,-68.9)
Libya	25066 (20027,30557)	804.4 (628.7,1014.6)	33845 (24218,47236)	574.7 (408,800.4)	-28.6 (-46.7,-5)
Morocco	239020 (182487,301351)	1340.7 (976.8,1741.7)	251011 (172482,336757)	711.1 (494.6,949)	-47 (-60.4,-31.9)
Oman	11280 (8541,14345)	1151.2 (862,1505.3)	10353 (8120,12561)	392.4 (312.8,478.9)	-65.9 (-75,-51.3)
Palestine	16337 (13410,19496)	1258 (1003.7,1535.8)	16081 (13822,18321)	534 (458.7,614.5)	-57.6 (-66.6,-45)
Qatar	1847 (1533,2160)	1250.8 (1044.2,1467.3)	4312 (3347,5507)	329.8 (257,408.7)	-73.6 (-80.2,-65)
Saudi Arabia	123768 (99087,154152)	1485.7 (1148.8,1883.1)	206491 (160589,263007)	736.1 (597.1,890.6)	-50.5 (-63.6,-31.6)
Sudan	361634 (267788,467404)	2490 (1842.9,3084.8)	229271 (158311,319231)	896.2 (607.2,1231.6)	-64 (-75.3,-48.4)
Syrian Arab Republic	160940 (129213,197202)	1807.6 (1431.7,2200.8)	115702 (88144,150989)	864.2 (665.3,1110)	-52.2 (-65.8,-30.5)
Tunisia	49024 (39618,59771)	875.5 (688.3,1082.7)	55139 (35004,83689)	421.6 (266.5,638.5)	-51.8 (-67.7,-32.2)
Turkey	525484	1303.9	414909	451.6	-65.4 (-

	(444960,627196)	(1108.8,1515.2)	(344731,499256)	(375,538.7)	72.7,-56.3)
United Arab Emirates	6985 (5378,9031)	989.9 (754,1291.2)	18961 (14931,23110)	448.6 (370,536.1)	-54.7 (-65.6,-42.3)
Yemen	179801 (131368,231459)	2497.1 (1806.7,3293.4)	209389 (149622,286739)	1234.7 (858.4,1718.2)	-50.6 (-64.5,-30.1)
Oceania	109296 (86462,136691)	3385.9 (2700.3,4201.4)	211111 (167044,258871)	2582.5 (2058.7,3157.5)	-23.7 (-39.4,-3.7)
American Samoa	572 (505,641)	2256.4 (2014.1,2504)	818 (687,972)	1674.5 (1413,1989.4)	-25.8 (-38.7,-8.2)
Cook Islands	250 (211,292)	1902.2 (1626.3,2196.3)	220 (178,266)	895.1 (726.5,1080.3)	-52.9 (-63.5,-40.7)
Fiji	10587 (9076,12389)	2583.8 (2221.1,2986.1)	14050 (10868,17756)	1792.7 (1404.4,2237.4)	-30.6 (-46.1,-8.2)
Guam	906 (822,995)	1080.4 (984.8,1177.4)	1410 (1255,1589)	705.9 (630.5,792.7)	-34.7 (-43.6,-23.6)
Kiribati	1653 (1370,1947)	3843.2 (3164.2,4492.8)	2705 (2134,3421)	3214 (2579.2,3970.2)	-16.4 (-34,7.5)
Marshall Islands	791 (665,925)	4261.6 (3569.1,4984.7)	1391 (1055,1824)	3450.4 (2651.9,4450.8)	-19 (-36.2,3.3)
Micronesia (Federated States of)	2432 (1929,3021)	4557 (3658.3,5645.3)	2671 (2089,3433)	3276.4 (2591.7,4145.5)	-28.1 (-44.5,-3.1)
Nauru	267 (205,344)	4745.9 (3726.7,6028.8)	283 (216,371)	3998.5 (3121.7,5096.9)	-15.7 (-34.3,11.8)
Niue	57 (47,70)	2637.7 (2165.9,3241.7)	40 (33,48)	1922 (1574.8,2318.8)	-27.1 (-42.6,-8.9)
Northern Mariana Islands	500 (387,635)	2195.2 (1828.7,2688.6)	720 (623,793)	1365 (1186,1500.2)	-37.8 (-51.2,-23.3)
Palau	304 (246,375)	2812.7 (2291.4,343)	470 (383,577)	2023.7 (1664.4,245)	-28.1 (-45.2,-

		8)		5.2)	5.3)
Papua New Guinea	71442 (52622,94367)	3656.7 (2749,4778.8)	152418 (112896,198066)	2775.1 (2053.8,3536.3)	-24.1 (-45,6.4)
Samoa	2690 (2188,3197)	3009.8 (2465.3,3540.8)	3523 (2903,4323)	2337.2 (1938.2,2850.8)	-22.3 (-37.8,-0.2)
Solomon Islands	6155 (3949,7924)	4310.7 (3004.4,5404.2)	13946 (10862,17853)	3737.7 (2942.4,4694.8)	-13.3 (-34.8,22.7)
Tokelau	41 (33,51)	3086.8 (2423.8,3839.9)	27 (21,34)	1869.7 (1431,2353.7)	-39.4 (-52.5,-23.3)
Tonga	743 (597,893)	1292.7 (1048.8,1545.5)	831 (648,1032)	1015.9 (790.8,1257.4)	-21.4 (-41.6,4.2)
Tuvalu	320 (267,379)	4498.6 (3764,5303.4)	290 (240,352)	2688.2 (2232.3,3238.3)	-40.2 (-51.1,-25.7)
Vanuatu	2614 (2039,3279)	3644.5 (2927.7,4552.2)	5819 (4662,7136)	2943.3 (2389.8,3575.1)	-19.2 (-37.1,3)
South Asia	9251578 (7825574,10658981)	1428.6 (1209,1643.1)	15045582 (12776920,17158102)	972.4 (816.1,1110.7)	-31.9 (-41,-21.2)
Bangladesh	1543653 (1246174,1819400)	2780.7 (2250.3,3324.9)	2170499 (1682691,2773704)	1538.5 (1199.5,1949.4)	-44.7 (-57.3,-27.9)
Bhutan	3813 (2854,5015)	1335.8 (1004,1768.7)	4269 (3180,5470)	689.4 (518.3,874.5)	-48.4 (-63.4,-29)
India	6696449 (5545167,7835838)	1287 (1063.1,1507)	11098171 (9239866,12841993)	888.6 (733.2,1030.8)	-31 (-41.6,-18.8)
Nepal	174969 (139293,220599)	1628 (1275.4,2055.2)	225958 (172301,296343)	936.8 (713.4,1225.5)	-42.5 (-57.4,-22.3)
Pakistan	832694 (709614,974465)	1316.3 (1079.4,1560.2)	1546685 (1234501,1920048)	1111.5 (904.4,1389.8)	-15.6 (-32.7,7.6)
Southeast Asia	7928865 (7224788,8671143)	2801.3 (2529.2,3081.5)	13616701 (12011136,15407482)	1976.8 (1744.3,2238.7)	-29.4 (-38.6,-19.2)
Cambodia	182636	3630.7	289683	2294.7	-36.8 (-

	(153492,212778)	(3081.7,422 6.4)	(221551,363150)	(1785.4,285 0.9)	52,- 18.4)
Indonesia	3588529 (3140224,40550 52)	3196.1 (2753,3673. 7)	6741746 (5461358,82497 14)	2647.2 (2141.8,324 1.4)	-17.2 (- 32.1,- 0.8)
Lao People's Democrati c Republic	116273 (91583,149850)	4705.8 (3670.7,595 6.4)	126434 (98017,159613)	2457.8 (1901.1,307 3.5)	-47.8 (- 61.9,- 30)
Malaysia	205665 (187285,222660)	2036.2 (1841.8,220 9.1)	338609 (308232,372901)	1152.6 (1045.3,126 8.4)	-43.4 (- 50.2,- 35.8)
Maldives	3788 (3294,4531)	3547 (3090.9,410 2.8)	3162 (2581,3754)	821.2 (670.4,974)	-76.8 (- 82.1,- 70.7)
Mauritius	15464 (14648,16424)	1926.8 (1826.7,204 2.9)	13045 (12064,13735)	736.3 (680.8,774. 3)	-61.8 (- 65.1,- 59.2)
Myanmar	1240141 (987903,155784 8)	4722 (3784.7,588 4.4)	1288648 (1035049,16295 88)	2510.8 (2026.8,315 9.6)	-46.8 (- 60.6,- 27.4)
Philippine s	609768 (564647,656908)	1779.6 (1636,1927. 1)	1542378 (1302134,18006 81)	1696.1 (1435.7,196 9.2)	-4.7 (- 19.5,12. 5)
Seychelles	949 (840,1090)	1672.2 (1483.5,192 0.2)	1045 (902,1207)	859.1 (743.9,994. 2)	-48.6 (- 55.6,- 40.6)
Sri Lanka	169288 (151140,188438)	1516 (1353.6,168 5.1)	212752 (142521,290905)	805.4 (545.7,1089 .6)	-46.9 (- 65.3,- 24.8)
Thailand	548831 (473958,621736)	1439.2 (1239.7,163 2.3)	827878 (651226,102951 8)	821.5 (649.4,1019 .3)	-42.9 (- 56.7,- 24.7)
Timor- Leste	10274 (8479,12410)	2853.4 (2300.6,347 0.6)	20932 (15553,27236)	2311.1 (1709.6,299 4.5)	-19 (- 40.9,7.2)
Viet Nam	1225790 (965881,154910 4)	2982.8 (2349.6,378 8.7)	2191395 (1747215,26438 22)	2159 (1736.3,258 7.2)	-27.6 (- 46.3,- 4.2)
Southern Latin America	510248 (487713,534958)	1090.8 (1042.8,114 3.9)	314123 (295955,332443)	372.1 (350.5,394)	-65.9 (- 68.3,- 63.5)
Uruguay	32046 (30298,33775)	866.8 (819.3,914.	17254 (15965,18479)	335.3 (311.8,359.	-61.3 (- 64.5,-

		1)		1)	57.9)
Argentina	387069 (367988,409929)	1195.7 (1136.7,126 7.2)	225483 (211364,238981)	415.3 (389.3,440. 4)	-65.3 (- 67.8,- 62.5)
Chile	91109 (86776,95860)	866.8 (825.1,911. 4)	71369 (66204,76532)	286.4 (266.5,307)	-67 (- 69.4,- 64.8)
Southern Sub- Saharan Africa	397780 (357659,432326)	1281.2 (1127.4,140 4.7)	754889 (693688,820770)	1224.2 (1130.5,132 6.8)	-4.5 (- 14,7.7)
Botswana	14102 (10500,18244)	2337.4 (1770.2,297 5.2)	16866 (12737,22513)	1089.7 (832,1432.4)	-53.4 (- 66.7,- 35.5)
Eswatini	7404 (5991,9153)	2365.1 (1902.7,290 5.6)	12607 (8300,18352)	2028.6 (1363.1,289 4.9)	-14.2 (- 40.1,21. 9)
Lesotho	16934 (13262,21142)	1966 (1538.8,245 8.3)	33030 (24087,45246)	2876.6 (2120.4,387 9.4)	46.3 (3.3,116 .5)
Namibia	15970 (13175,18995)	2313.5 (1905.5,278 8.1)	23665 (17263,30898)	1644 (1218.5,210 9.1)	-28.9 (- 48.2,- 6.9)
South Africa	289024 (256558,317248)	1183.8 (1007.9,132 2.4)	513344 (460157,559193)	1050.2 (942.1,1143 .7)	-11.3 (- 19.1,- 1.2)
Zimbabwe	54345 (44791,64379)	1290 (1055.4,152 7.4)	155377 (119000,199626)	2015.2 (1577.5,253 4.2)	56.2 (18,112. 9)
Tropical Latin America	1369874 (1334113,14029 41)	1322.3 (1284.4,135 8.1)	1172380 (1118584,12186 66)	449.7 (428.7,467. 4)	-66 (- 67.7,- 64.5)
Brazil	1342959 (1307798,13752 83)	1326.5 (1287.6,136 1.7)	1135060 (1081881,11810 19)	446 (425,464.3)	-66.4 (- 67.9,- 64.9)
Paraguay	26916 (23740,30770)	1127.5 (992.6,1284 .3)	37320 (28431,47156)	615.4 (467.5,775. 8)	-45.4 (- 59.6,- 28.6)
Western Europe	2318883 (2211365,24086 74)	419.7 (401.4,435. 3)	1488382 (1347101,15778 65)	161.2 (149.8,170. 2)	-61.6 (- 63.5,- 59.8)
Andorra	116 (85,156)	204.3 (149.8,271. 4)	164 (122,210)	108.2 (80.2,138.8)	-47 (- 64.9,- 25.9)

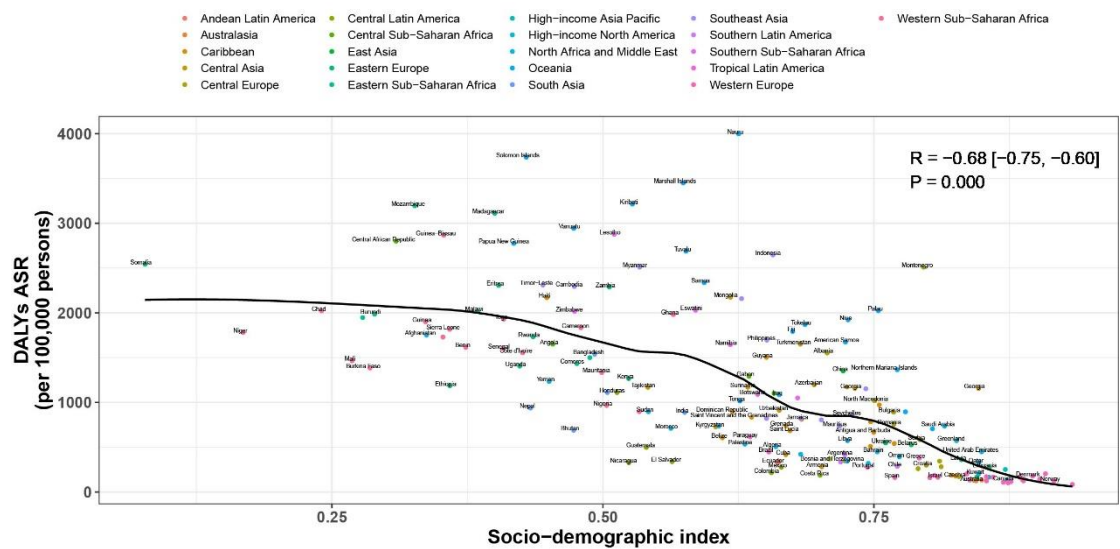
Austria	45627 (42946,48408)	399 (376.9,420. 7)	22562 (20295,24453)	124.1 (112.2,134. 2)	-68.9 (- 71.2,- 66.6)
Belgium	65135 (61389,68529)	447 (422.5,469. 2)	39513 (34941,43057)	170.6 (154.7,184. 7)	-61.8 (- 64.7,- 58.8)
Cyprus	5010 (4321,5756)	712.5 (610.4,818. 1)	3907 (3293,4514)	201.9 (170.9,230. 8)	-71.7 (- 77.1,- 64.8)
Denmark	33673 (31743,35579)	435 (412.9,459. 5)	20960 (19226,22480)	178 (164.6,190. 8)	-59.1 (- 61.9,- 55.9)
Finland	25561 (23505,27968)	373.2 (344.9,407. 8)	20286 (18147,21938)	165.4 (151.2,178. 1)	-55.7 (- 60,- 51.1)
France	287570 (269447,303651)	363.7 (342.4,383. 4)	187821 (168461,204118)	133.1 (121.1,144. 4)	-63.4 (- 66.2,- 60.5)
Germany	453575 (413575,501559)	378.2 (346.5,414. 7)	266748 (240637,287154)	143.7 (131,154)	-62 (- 66.3,- 58)
Greece	136561 (129048,142707)	930.3 (880.4,971. 2)	89144 (80288,95133)	379.1 (349.3,402. 2)	-59.2 (- 61.6,- 56.7)
Iceland	875 (817,934)	308.8 (288.8,328. 5)	670 (588,742)	115.8 (103,128)	-62.5 (- 66.2,- 58.5)
Ireland	13302 (12571,14029)	330.4 (312.5,347. 8)	8101 (7266,8811)	103.4 (93.2,112.3)	-68.7 (- 71.3,- 66.1)
Israel	24710 (23313,26076)	510.4 (481.4,538. 8)	20101 (18349,21850)	164.3 (150.8,177. 6)	-67.8 (- 70.7,- 65.1)
Italy	364589 (345790,378825)	432 (411.3,448. 2)	269662 (237623,289330)	186.4 (170.5,198. 2)	-56.9 (- 59.3,- 54.6)
Luxembou rg	3279 (3108,3442)	623.1 (590.8,654. 1)	1773 (1591,1966)	165.8 (149.1,183. 8)	-73.4 (- 76.2,- 70.6)
Malta	2204 (2076,2335)	522.7 (490.9,553. 9)	1449 (1291,1599)	161.1 (145.4,177. 4)	-69.2 (- 72.2,- 65.7)
Monaco	303 (235,365)	473.4 (374.7,565.	177 (141,220)	203.9 (159.3,254.	-56.9 (- 68.7,-

		3)		9)	40.8)
Netherlands	64970 (60768,68520)	331.7 (310.8,349.2)	50324 (44960,54068)	143.2 (129.8,153.8)	-56.8 (-60,-53.7)
Norway	18783 (17865,19585)	281.7 (268.8,293.6)	12814 (11578,13739)	123.4 (112.4,132.3)	-56.2 (-58.8,-53.8)
Portugal	163224 (155740,169985)	1211.3 (1155.4,1261.1)	64204 (58521,68889)	275.9 (254.2,295.1)	-77.2 (-78.7,-75.6)
San Marino	115 (97,134)	335.3 (282.2,389.8)	90 (63,124)	125.1 (86.6,172)	-62.7 (-74.9,-46.8)
Spain	276581 (259630,289188)	534.4 (503.3,558.3)	158737 (140787,172071)	162.5 (148.5,174.6)	-69.6 (-71.7,-67.5)
Sweden	42457 (39970,45031)	289 (273.2,305)	30434 (26712,33779)	138.2 (122.5,153.3)	-52.2 (-56.8,-47.2)
Switzerland	28219 (25719,30682)	277.6 (254.1,300.2)	15772 (13805,17362)	84.5 (75.2,92.3)	-69.6 (-72.8,-66)
United Kingdom	260539 (251130,267356)	304 (293.8,312)	201657 (186833,212286)	157.4 (148,165.4)	-48.2 (-50.1,-46.5)
Western Sub-Saharan Africa	2247400 (1806018,2728916)	2178.9 (1768.9,2637.1)	3223357 (2546461,3936778)	1375.3 (1095,1646.3)	-36.9 (-46,-25.4)
Benin	54335 (44579,65349)	2434.8 (2020.2,2956.5)	93795 (71075,115992)	1616.3 (1248.3,1978.5)	-33.6 (-47.8,-13.7)
Burkina Faso	86775 (66985,108470)	1731.1 (1373.4,2122.6)	148575 (109435,187639)	1384.7 (1035.6,1750.4)	-20 (-37.9,4.4)
Cabo Verde	2954 (2475,3436)	1242.8 (1024.1,1461.7)	4198 (3277,5268)	897.7 (705.6,1124.1)	-27.8 (-45.1,-4.8)
Cameroon	118773 (90115,156713)	2275.4 (1727.4,2994.4)	276017 (189171,380907)	1833.9 (1277.5,2524.9)	-19.4 (-40.1,11.7)
Chad	70429 (56813,85851)	2116.4 (1693.6,2560.3)	151884 (111464,201773)	2022.1 (1490.8,2678.5)	-4.5 (-28.7,24.3)

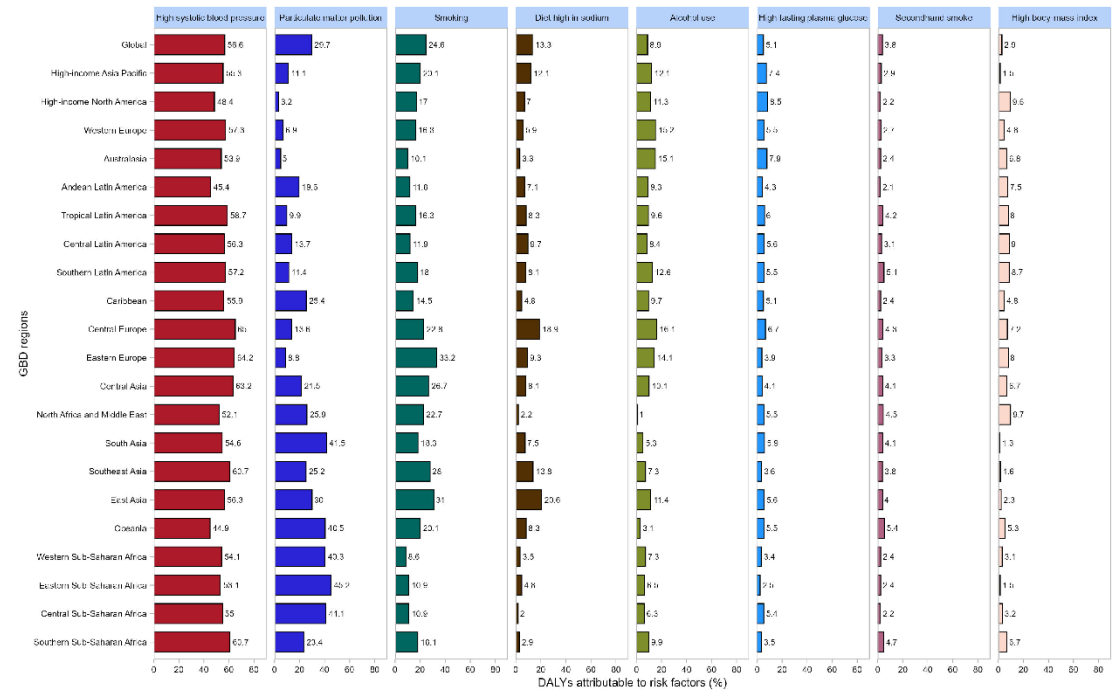
Coted'Ivoire	110497 (84466,147511)	2010.9 (1569.6,2616)	217568 (155228,286404)	1554.3 (1128.8,2029.1)	-22.7 (-42.5,5.1)
Gambia	8996 (6777,11515)	2074 (1583.7,2657.7)	21238 (16361,26960)	1890.2 (1449.3,2412)	-8.9 (-32,25.4)
Ghana	207748 (165744,258491)	2709.3 (2152.9,3403.3)	382247 (285721,486121)	1980.9 (1464.7,2544.9)	-26.9 (-45.2,0.3)
Guinea	90681 (70544,114149)	2295.5 (1838.7,2854)	127742 (92467,165084)	1900.3 (1395.8,2455.1)	-17.2 (-38.7,13.1)
Guinea-Bissau	19752 (14953,26409)	3957.4 (3035.8,5223.2)	25872 (19420,33090)	2867.1 (2153,3666)	-27.6 (-46.3,-5)
Liberia	33099 (25036,42820)	2217.4 (1765.4,2734.8)	45497 (32283,61766)	1729.9 (1272.9,2306.3)	-22 (-42.6,6.4)
Mali	107658 (82141,137091)	2194.8 (1676.8,2752)	161748 (119932,207185)	1464.6 (1083.8,1877)	-33.3 (-47.6,-13.7)
Mauritania	27638 (22364,34670)	2507.2 (1998.7,3188.4)	31346 (23314,42689)	1333.7 (994.3,1813.9)	-46.8 (-60.3,-26.9)
Niger	89836 (63375,130382)	2303.7 (1694.4,3086.1)	174553 (117976,240970)	1780.4 (1234.4,2404)	-22.7 (-41.3,1.2)
Nigeria	1033623 (780139,1335482)	2091.5 (1595.9,2685.4)	1049149 (791436,1372018)	966.2 (743.2,1239.1)	-53.8 (-63.9,-37.7)
Sao Tome and Principe	1184 (991,1387)	1667.1 (1403.8,1947.2)	1755 (1408,2227)	1368.5 (1124.2,1700.5)	-17.9 (-35.1,6.1)
Senegal	87109 (70853,108501)	2176.7 (1793.6,2675.3)	138317 (104373,175927)	1601.3 (1206.5,2042.9)	-26.4 (-43.8,-5.2)
Sierra Leone	60441 (45950,79450)	2224.7 (1782.6,2808.3)	85990 (62276,116334)	1816.8 (1344,2406)	-18.3 (-36.9,8.1)
Togo	35798 (28928,43208)	2254.3 (1864.5,2731.9)	85828 (60621,113149)	1930.6 (1411.2,2518.3)	-14.4 (-36.7,13.3)

95% UI=95% uncertainty intervals. ASR: Age-standardized rate

Supplementary Figure1: Age-standardised disability adjusted life year (DALY) rates of intracerebral hemorrhage for the 203 countries by sociodemographic index, 1990–2021. Thirty-two points are plotted for each region and show the observed age standardised DALY rates from 1990 to 2021 for that region. Expected values, based on sociodemographic index and disease rates in all locations, are shown as a solid line. Regions above the solid line represent a higher than expected burden.



Supplementary Figure2: The percentage of disability-adjusted life years (DALYs) due to intracerebral hemorrhage attributable to each risk factor for males in the 21 Global Burden of Disease regions in 2021.



Supplementary Figure3: The percentage of disability-adjusted life years (DALYs) due to intracerebral hemorrhage attributable to each risk factor for females in the 21 Global Burden of Disease regions in 2021.

