

Table S5. Changes in DALYs number according to population-level determinants from 1990 to 2019.

	Overall difference <sup>a</sup>	Change due to Population-level determinants (% contribute to the total changes)		
		Aging <sup>b</sup>	Population <sup>c</sup>	Epidemiological change <sup>d</sup>
Global	861857.7	437441.997 (50.76%)	644103.751 (74.73%)	-219688.069 (-25.49%)
<b>Sex</b>				
Female	451486.8	215325.588 (47.69%)	304776.407 (67.51%)	-68615.229 (-15.2%)
Male	410370.9	224626.884 (54.74%)	338955.233 (82.6%)	-153211.204 (-37.33%)
<b>SDI</b>				
High SDI	359916.9	288905.882 (80.27%)	192942.943 (53.61%)	-121931.97 (-33.88%)
High-middle SDI	217592.1	92600.64 (42.56%)	90376.124 (41.53%)	34615.325 (15.91%)
Middle SDI	130019.3	53562.555 (41.2%)	85933.168 (66.09%)	-9476.461 (-7.29%)
Low-middle SDI	106119.8	25221.164 (23.77%)	76288.263 (71.89%)	4610.351 (4.34%)
Low SDI	47687.09	-893.339 (-1.87%)	51800.204 (108.63%)	-3219.775 (-6.75%)
<b>Region</b>				
High-income Asia Pacific	71223.22	93118.761 (130.74%)	18124.499 (25.45%)	-40020.041 (-56.19%)
High-income North America	108103.1	71409.878 (66.06%)	78556.599 (72.67%)	-41863.367 (-38.73%)
Western Europe	221998.1	155153.903 (69.89%)	66599.498 (30%)	244.706 (0.11%)
Australasia	11821.17	7405.606 (62.65%)	7038.341 (59.54%)	-2622.778 (-22.19%)
Andean Latin America	3959.696	1113.853 (28.13%)	3385.046 (85.49%)	-539.203 (-13.62%)
Tropical Latin America	27593.39	18575.248 (67.32%)	31821.137 (115.32%)	-22802.992 (-82.64%)
Central Latin America	26745.57	9738.641 (36.41%)	17894.263 (66.91%)	-887.333 (-3.32%)
Southern Latin America	18251.93	7926.753 (43.43%)	13089.269 (71.71%)	-2764.097 (-15.14%)
Caribbean	5011.07	1883.318 (37.58%)	3384.755 (67.55%)	-257.003 (-5.13%)
Central Europe	63114.19	17727.122 (28.09%)	1317.128 (2.09%)	44069.939 (69.83%)

Eastern Europe	31903.89	5830.385 (18.27%)	-361.012 (-1.13%)	26434.517 (82.86%)
Central Asia	3780.755	146.945 (3.89%)	1369.168 (36.21%)	2264.642 (59.9%)
North Africa and Middle East	51900.49	9165.91 (17.66%)	55381.679 (106.71%)	-12647.098 (-24.37%)
South Asia	113813.2	30766.423 (27.03%)	83414.196 (73.29%)	-367.449 (-0.32%)
Southeast Asia	22257.27	7404.699 (33.27%)	14304.552 (64.27%)	548.02 (2.46%)
East Asia	39829.08	25869.873 (64.95%)	21504.02 (53.99%)	-7544.813 (-18.94%)
Oceania	732.757	33.284 (4.54%)	672.739 (91.81%)	26.734 (3.65%)
Western Sub-Saharan Africa	15720.76	-1242.489 (-7.9%)	20713.191 (131.76%)	-3749.943 (-23.85%)
Eastern Sub-Saharan Africa	14286.68	-853.876 (-5.98%)	19254.765 (134.77%)	-4114.213 (-28.8%)
Central Sub-Saharan Africa	5830.604	-267.014 (-4.58%)	6595.087 (113.11%)	-497.469 (-8.53%)
Southern Sub-Saharan Africa	3980.776	954.833 (23.99%)	4076.031 (102.39%)	-1050.088 (-26.38%)
<b>Nation</b>				
Afghanistan	2168.015	-939.417 (-43.33%)	3177.126 (146.55%)	-69.694 (-3.21%)
Albania	326.783	206.084 (63.06%)	8.458 (2.59%)	112.241 (34.35%)
Algeria	4078.619	1196.225 (29.33%)	3859.283 (94.62%)	-976.889 (-23.95%)
American Samoa	5.737	2.432 (42.39%)	2.189 (38.16%)	1.116 (19.45%)
Andorra	26.768	15.543 (58.07%)	11.403 (42.6%)	-0.178 (-0.66%)
Angola	1477.668	14.358 (0.97%)	1497.886 (101.37%)	-34.576 (-2.34%)
Antigua and Barbuda	7.842	0.956 (12.19%)	7.081 (90.3%)	-0.195 (-2.49%)
Argentina	12928	4293.72 (33.21%)	9990.739 (77.28%)	-1356.464 (-10.49%)
Armenia	166.928	71.521 (42.85%)	3.286 (1.97%)	92.121 (55.19%)
Australia	9037.299	5781.175 (63.97%)	5761.029 (63.75%)	-2504.905 (-27.72%)

Austria	6014.939	2394.459 (39.81%)	1448.363 (24.08%)	2172.117 (36.11%)
Azerbaijan	279.587	39.16 (14.01%)	158.543 (56.71%)	81.884 (29.29%)
Bahamas	52.128	15.848 (30.4%)	29.123 (55.87%)	7.157 (13.73%)
Bahrain	133.077	29.187 (21.93%)	118.539 (89.08%)	-14.649 (-11.01%)
Bangladesh	12183.63	3840.095 (31.52%)	7487.19 (61.45%)	856.34 (7.03%)
Barbados	45.642	17.054 (37.36%)	21.468 (47.04%)	7.12 (15.6%)
Belarus	529.471	138.481 (26.15%)	-16.682 (-3.15%)	407.672 (77%)
Belgium	7766.199	4765.772 (61.37%)	1838.525 (23.67%)	1161.902 (14.96%)
Belize	25.454	1.014 (3.98%)	18.93 (74.37%)	5.51 (21.65%)
Benin	576.436	-28.108 (-4.88%)	626.733 (108.73%)	-22.189 (-3.85%)
Bermuda	12.997	37.797 (290.81%)	11.8 (90.79%)	-36.6 (-281.6%)
Bhutan	55.149	20.69 (37.52%)	22.703 (41.17%)	11.756 (21.32%)
Bolivia (Plurinational State of)	1023.406	204.337 (19.97%)	868.305 (84.84%)	-49.236 (-4.81%)
Bosnia and Herzegovina	809.099	676.075 (83.56%)	-201.515 (-24.91%)	334.539 (41.35%)
Botswana	143.742	14.172 (9.86%)	135.334 (94.15%)	-5.764 (-4.01%)
Brazil	25763.23	18365.766 (71.29%)	30854.822 (119.76%)	-23457.358 (-91.05%)
Brunei Darussalam	82.187	19.966 (24.29%)	43.18 (52.54%)	19.041 (23.17%)
Bulgaria	1126.967	355.838 (31.57%)	-199.756 (-17.73%)	970.885 (86.15%)
Burkina Faso	1216.324	-143.386 (-11.79%)	1172.849 (96.43%)	186.861 (15.36%)
Burundi	176.142	-70.531 (-40.04%)	573.301 (325.48%)	-326.628 (-185.43%)
Cabo Verde	52.496	1.858 (3.54%)	35.58 (67.78%)	15.058 (28.68%)
Cambodia	323.012	84.538	268.404	-29.93

		(26.17%)	(83.09%)	(-9.27%)
Cameroon	1887.17	-112.372 (-5.95%)	1755.164 (93.01%)	244.378 (12.95%)
Canada	15297.22	8476.505 (55.41%)	6363.328 (41.6%)	457.385 (2.99%)
Central African Republic	190.42	-21.467 (-11.27%)	264.266 (138.78%)	-52.379 (-27.51%)
Chad	584.377	-94.472 (-16.17%)	624.85 (106.93%)	53.999 (9.24%)
Chile	3141.258	1807.292 (57.53%)	2122.188 (67.56%)	-788.222 (-25.09%)
China	35465.78	23798.959 (67.1%)	20043.022 (56.51%)	-8376.205 (-23.62%)
Colombia	7334.189	4184.039 (57.05%)	5956.851 (81.22%)	-2806.701 (-38.27%)
Comoros	32.766	7.437 (22.7%)	37.746 (115.2%)	-12.417 (-37.9%)
Congo	274.318	14.706 (5.36%)	358.077 (130.53%)	-98.465 (-35.89%)
Cook Islands	0.476	0.654 (137.39%)	0.203 (42.65%)	-0.381 (-80.04%)
Costa Rica	1049.748	303.595 (28.92%)	535.663 (51.03%)	210.49 (20.05%)
Croatia	4121.2	1129.037 (27.4%)	-187.345 (-4.55%)	3179.508 (77.15%)
Cuba	1736.763	1122.355 (64.62%)	443.703 (25.55%)	170.705 (9.83%)
Cyprus	825.169	513.157 (62.19%)	838.236 (101.58%)	-526.224 (-63.77%)
Czechia	8997.236	1556.142 (17.3%)	468.335 (5.21%)	6972.759 (77.5%)
Cote d'Ivoire	1187.926	117.103 (9.86%)	1160.67 (97.71%)	-89.847 (-7.56%)
Democratic People's Republic of Korea	638.3	263.473 (41.28%)	545.685 (85.49%)	-170.858 (-26.77%)
Democratic Republic of the Congo	3721.039	-215.321 (-5.79%)	4218.659 (113.37%)	-282.299 (-7.59%)
Denmark	3651.458	1113.558 (30.5%)	625.464 (17.13%)	1912.436 (52.37%)
Djibouti	79.372	18.692 (23.55%)	69.498 (87.56%)	-8.818 (-11.11%)
Dominica	5.15	1.782	1.491	1.877

		(34.6%)	(28.95%)	(36.45%)
Dominican Republic	987.857	254.06 (25.72%)	654.099 (66.21%)	79.698 (8.07%)
Ecuador	2218.418	383.306 (17.28%)	1214.433 (54.74%)	620.679 (27.98%)
Egypt	11538.51	641.039 (5.56%)	9696.622 (84.04%)	1200.849 (10.41%)
El Salvador	186.863	61.208 (32.76%)	120.703 (64.59%)	4.952 (2.65%)
Equatorial Guinea	58.932	-24.618 (-41.77%)	93.736 (159.06%)	-10.186 (-17.28%)
Eritrea	302.277	23.159 (7.66%)	339.862 (112.43%)	-60.744 (-20.1%)
Estonia	1110.393	269.743 (24.29%)	-73.493 (-6.62%)	914.143 (82.33%)
Eswatini	53.431	4.907 (9.18%)	39.767 (74.43%)	8.757 (16.39%)
Ethiopia	1598.636	-119.056 (-7.45%)	4180.085 (261.48%)	-2462.393 (-154.03%)
Fiji	20.065	9.85 (49.09%)	17.6 (87.71%)	-7.385 (-36.81%)
Finland	4552.98	2972.975 (65.3%)	915.577 (20.11%)	664.428 (14.59%)
France	19435.63	30121.013 (154.98%)	11812.801 (60.78%)	-22498.186 (-115.76%)
Gabon	108.226	-11.247 (-10.39%)	127.204 (117.54%)	-7.731 (-7.14%)
Gambia	121.478	5.608 (4.62%)	101.175 (83.29%)	14.695 (12.1%)
Georgia	630.147	162.987 (25.86%)	-198.53 (-31.51%)	665.69 (105.64%)
Germany	58261.19	45339.249 (77.82%)	10593.917 (18.18%)	2328.019 (4%)
Ghana	1725.829	87.866 (5.09%)	1455.705 (84.35%)	182.258 (10.56%)
Greece	7068.38	4460.238 (63.1%)	502.13 (7.1%)	2106.012 (29.79%)
Greenland	11.607	17.93 (154.48%)	2.164 (18.64%)	-8.487 (-73.12%)
Grenada	11.256	0.709 (6.3%)	8.818 (78.34%)	1.729 (15.36%)
Guam	42.421	15.082 (35.55%)	13.248 (31.23%)	14.091 (33.22%)

Guatemala	526.751	49.841 (9.46%)	591.749 (112.34%)	-114.839 (-21.8%)
Guinea	532.974	-96.021 (-18.02%)	535.01 (100.38%)	93.985 (17.63%)
Guinea-Bissau	88.297	-7.993 (-9.05%)	98.571 (111.64%)	-2.281 (-2.58%)
Guyana	-9.683	74.328 (-767.61%)	48.217 (-497.96%)	-132.228 (1365.57%)
Haiti	934.858	-11.1 (-1.19%)	1165.24 (124.64%)	-219.282 (-23.46%)
Honduras	692.869	68.495 (9.89%)	515.976 (74.47%)	108.398 (15.64%)
Hungary	7359.69	2740.162 (37.23%)	29.939 (0.41%)	4589.589 (62.36%)
Iceland	142.608	66.699 (46.77%)	81.651 (57.26%)	-5.742 (-4.03%)
India	87779.18	27677.674 (31.53%)	64428.159 (73.4%)	-4326.65 (-4.93%)
Indonesia	7409.75	2206.031 (29.77%)	4569.242 (61.67%)	634.477 (8.56%)
Iran (Islamic Republic of)	8891.234	2971.157 (33.42%)	7594.093 (85.41%)	-1674.016 (-18.83%)
Iraq	1691.225	54.738 (3.24%)	1447.112 (85.57%)	189.375 (11.2%)
Ireland	1214.239	595.416 (49.04%)	997.986 (82.19%)	-379.163 (-31.23%)
Israel	3112.834	1161.916 (37.33%)	2457.335 (78.94%)	-506.417 (-16.27%)
Italy	32967.42	15250.622 (46.26%)	3494.335 (10.6%)	14222.462 (43.14%)
Jamaica	115.748	15.706 (13.57%)	57.476 (49.66%)	42.566 (36.77%)
Japan	62383.5	89268.056 (143.1%)	8680.991 (13.92%)	-35565.546 (-57.01%)
Jordan	454.346	127.38 (28.04%)	693.586 (152.66%)	-366.62 (-80.69%)
Kazakhstan	563.28	77.747 (13.8%)	116.745 (20.73%)	368.788 (65.47%)
Kenya	2430.316	20.586 (0.85%)	2138.875 (88.01%)	270.855 (11.14%)
Kiribati	6.106	0.169 (2.77%)	5.803 (95.04%)	0.134 (2.19%)
Kuwait	348.546	43.837 (12.58%)	274.475 (78.75%)	30.234 (8.67%)

Kyrgyzstan	60.697	0.296 (0.49%)	94.01 (154.88%)	-33.609 (-55.37%)
Lao People's Democratic Republic	146.436	3.811 (2.6%)	132.184 (90.27%)	10.441 (7.13%)
Latvia	561.015	203.744 (36.32%)	-167.729 (-29.9%)	525 (93.58%)
Lebanon	687.866	158.593 (23.06%)	642.34 (93.38%)	-113.067 (-16.44%)
Lesotho	96.767	-9.334 (-9.65%)	55.924 (57.79%)	50.177 (51.85%)
Liberia	208.707	-43.924 (-21.05%)	260.166 (124.66%)	-7.535 (-3.61%)
Libya	698.274	77.921 (11.16%)	583.694 (83.59%)	36.659 (5.25%)
Lithuania	773.631	219.876 (28.42%)	-120.203 (-15.54%)	673.958 (87.12%)
Luxembourg	314.739	90.782 (28.84%)	240.668 (76.47%)	-16.711 (-5.31%)
Madagascar	1433.507	-194.304 (-13.55%)	2252.413 (157.13%)	-624.602 (-43.57%)
Malawi	668.147	-38.231 (-5.72%)	711.244 (106.45%)	-4.866 (-0.73%)
Malaysia	1896.744	409.647 (21.6%)	1199.162 (63.22%)	287.935 (15.18%)
Maldives	26.788	3.553 (13.26%)	27.027 (100.89%)	-3.792 (-14.16%)
Mali	765.693	-117.114 (-15.3%)	895.634 (116.97%)	-12.827 (-1.68%)
Malta	147.824	98.952 (66.94%)	49.955 (33.79%)	-1.083 (-0.73%)
Marshall Islands	3.555	0.346 (9.73%)	3.432 (96.54%)	-0.223 (-6.27%)
Mauritania	97.719	1.493 (1.53%)	178.533 (182.7%)	-82.307 (-84.23%)
Mauritius	91.615	38.628 (42.16%)	62.278 (67.98%)	-9.291 (-10.14%)
Mexico	12699.99	4023.195 (31.68%)	6822.401 (53.72%)	1854.392 (14.6%)
Micronesia (Federated States of)	3.999	0.8 (20.01%)	3.465 (86.65%)	-0.266 (-6.65%)
Monaco	5.486	1.487 (27.11%)	2.735 (49.85%)	1.264 (23.04%)

Mongolia	119.533	23.308 (19.5%)	85.053 (71.15%)	11.172 (9.35%)
Montenegro	71.804	27.009 (37.61%)	7.773 (10.83%)	37.022 (51.56%)
Morocco	3946.038	1046.524 (26.52%)	2514.958 (63.73%)	384.556 (9.75%)
Mozambique	1524.624	-263.773 (-17.3%)	1311.518 (86.02%)	476.879 (31.28%)
Myanmar	890.064	414.119 (46.53%)	935.787 (105.14%)	-459.842 (-51.66%)
Namibia	118.677	9.841 (8.29%)	105.18 (88.63%)	3.656 (3.08%)
Nauru	0.101	-0.056 (-55.45%)	0.221 (218.81%)	-0.064 (-63.37%)
Nepal	2134.503	470.835 (22.06%)	1270.001 (59.5%)	393.667 (18.44%)
Netherlands	10209.86	6666.776 (65.3%)	2784.294 (27.27%)	758.791 (7.43%)
New Zealand	2783.871	1626.23 (58.42%)	1182.254 (42.47%)	-24.613 (-0.88%)
Nicaragua	224.733	53.603 (23.85%)	222.33 (98.93%)	-51.2 (-22.78%)
Niger	756.768	-17.434 (-2.3%)	845.209 (111.69%)	-71.007 (-9.38%)
Nigeria	4360.301	-829.092 (-19.01%)	9519.676 (218.33%)	-4330.283 (-99.31%)
Niue	-0.128	0.01 (-7.81%)	-0.071 (55.47%)	-0.067 (52.34%)
North Macedonia	292.834	89.403 (30.53%)	55.958 (19.11%)	147.473 (50.36%)
Northern Mariana Islands	10.294	4.706 (45.72%)	1.096 (10.65%)	4.492 (43.64%)
Norway	1550.675	687.46 (44.33%)	1532.62 (98.84%)	-669.405 (-43.17%)
Oman	402.569	-33.468 (-8.31%)	509.763 (126.63%)	-73.726 (-18.31%)
Pakistan	11660.71	-1797.358 (-15.41%)	10410.433 (89.28%)	3047.636 (26.14%)
Palau	0.649	0.286 (44.07%)	0.337 (51.93%)	0.026 (4.01%)
Palestine	144.418	1.472 (1.02%)	154.755 (107.16%)	-11.809 (-8.18%)
Panama	143.477	103.191 (71.92%)	291.277 (203.01%)	-250.991 (-174.93%)

Papua New Guinea	532.032	2.035 (0.38%)	491.595 (92.4%)	38.402 (7.22%)
Paraguay	1830.163	207.94 (11.36%)	914.343 (49.96%)	707.88 (38.68%)
Peru	717.872	489.9 (68.24%)	1367.222 (190.45%)	-1139.25 (-158.7%)
Philippines	2859.789	384.587 (13.45%)	1285.467 (44.95%)	1189.735 (41.6%)
Poland	23725.74	4381.143 (18.47%)	1626.527 (6.86%)	17718.066 (74.68%)
Portugal	8264.536	3226.473 (39.04%)	960.52 (11.62%)	4077.543 (49.34%)
Puerto Rico	678.241	615.396 (90.73%)	172.666 (25.46%)	-109.821 (-16.19%)
Qatar	132.151	4.5 (3.41%)	198.184 (149.97%)	-70.533 (-53.37%)
Republic of Korea	8268.765	4916.616 (59.46%)	2118.416 (25.62%)	1233.733 (14.92%)
Republic of Moldova	191.413	74.167 (38.75%)	-9.279 (-4.85%)	126.525 (66.1%)
Romania	5402.012	2332.243 (43.17%)	-608.702 (-11.27%)	3678.471 (68.09%)
Russian Federation	25491.82	4613.278 (18.1%)	641.582 (2.52%)	20236.955 (79.39%)
Rwanda	321.075	21.374 (6.66%)	745.546 (232.2%)	-445.845 (-138.86%)
Saint Kitts and Nevis	3.968	-0.05 (-1.26%)	6.372 (160.58%)	-2.354 (-59.32%)
Saint Lucia	20.989	9.673 (46.09%)	15.406 (73.4%)	-4.09 (-19.49%)
Saint Vincent and the Grenadines	3.219	8.436 (262.07%)	7.421 (230.54%)	-12.638 (-392.61%)
Samoa	6.988	2.163 (30.95%)	8.59 (122.93%)	-3.765 (-53.88%)
San Marino	15.339	6.453 (42.07%)	5.293 (34.51%)	3.593 (23.42%)
Sao Tome and Principe	11.913	-0.59 (-4.95%)	8.482 (71.2%)	4.021 (33.75%)
Saudi Arabia	2402.887	112.379 (4.68%)	1877.676 (78.14%)	412.832 (17.18%)
Senegal	658.863	29.568 (4.49%)	621.765 (94.37%)	7.53 (1.14%)
Serbia	5153.818	1971.615 (38.26%)	-2.641 (-0.05%)	3184.844 (61.8%)

Seychelles	7.632	1.512 (19.81%)	5.43 (71.15%)	0.69 (9.04%)
Sierra Leone	372.544	-56.103 (-15.06%)	376.869 (101.16%)	51.778 (13.9%)
Singapore	488.765	309.096 (63.24%)	437.974 (89.61%)	-258.305 (-52.85%)
Slovakia	2251.404	366.666 (16.29%)	219.891 (9.77%)	1664.847 (73.95%)
Slovenia	3475.605	1329.861 (38.26%)	304.284 (8.75%)	1841.46 (52.98%)
Solomon Islands	42.133	2.683 (6.37%)	41.443 (98.36%)	-1.993 (-4.73%)
Somalia	619.362	-81.841 (-13.21%)	1025.592 (165.59%)	-324.389 (-52.37%)
South Africa	2876.814	883.997 (30.73%)	3274.827 (113.84%)	-1282.01 (-44.56%)
South Sudan	39.794	6.291 (15.81%)	210.759 (529.63%)	-177.256 (-445.43%)
Spain	28431.12	16769.687 (58.98%)	9856.844 (34.67%)	1804.592 (6.35%)
Sri Lanka	1183.799	1149.232 (97.08%)	1076.141 (90.91%)	-1041.574 (-87.99%)
Sudan	2581.238	-173.675 (-6.73%)	2815.404 (109.07%)	-60.491 (-2.34%)
Suriname	61.205	17.166 (28.05%)	38.616 (63.09%)	5.423 (8.86%)
Sweden	3684.033	2130.522 (57.83%)	1949.826 (52.93%)	-396.315 (-10.76%)
Switzerland	2863.019	1958.267 (68.4%)	1700.703 (59.4%)	-795.951 (-27.8%)
Syrian Arab Republic	360.665	1267.341 (351.39%)	2049.023 (568.12%)	-2955.699 (-819.51%)
Taiwan (Province of China)	3725.006	1926.297 (51.71%)	930.614 (24.98%)	868.095 (23.3%)
Tajikistan	169.57	-6.645 (-3.92%)	143.197 (84.45%)	33.018 (19.47%)
Thailand	4360.291	2243.186 (51.45%)	1654.239 (37.94%)	462.866 (10.62%)
Timor-Leste	29.875	8.239 (27.58%)	14.199 (47.53%)	7.437 (24.89%)
Togo	515.028	64.865 (12.59%)	411.11 (79.82%)	39.053 (7.58%)
Tokelau	-0.039	-0.01 (25.64%)	-0.01 (25.64%)	-0.019 (48.72%)

Tonga	3.721	1.916 (51.49%)	1.791 (48.13%)	0.014 (0.38%)
Trinidad and Tobago	106.89	56.552 (52.91%)	62.641 (58.6%)	-12.303 (-11.51%)
Tunisia	1424.678	520.713 (36.55%)	930.332 (65.3%)	-26.367 (-1.85%)
Turkey	5474.926	4493.526 (82.07%)	7726.079 (141.12%)	-6744.679 (-123.19%)
Turkmenistan	141.425	22.58 (15.97%)	64.585 (45.67%)	54.26 (38.37%)
Tuvalu	0.513	0.128 (24.95%)	0.596 (116.18%)	-0.211 (-41.13%)
Uganda	1471.112	-159.751 (-10.86%)	1615.385 (109.81%)	15.478 (1.05%)
Ukraine	3246.152	608.453 (18.74%)	-436.951 (-13.46%)	3074.65 (94.72%)
United Arab Emirates	1907.256	263.067 (13.79%)	1624.764 (85.19%)	19.425 (1.02%)
United Kingdom	21264.79	10778.611 (50.69%)	9894.775 (46.53%)	591.399 (2.78%)
United Republic of Tanzania	2389.637	-26.763 (-1.12%)	3082.729 (129%)	-666.329 (-27.88%)
United States of America	92794.01	61554.256 (66.33%)	71798.223 (77.37%)	-40558.471 (-43.71%)
United States Virgin Islands	37.247	27.539 (73.94%)	6.634 (17.81%)	3.074 (8.25%)
Uruguay	2181.516	777.538 (35.64%)	509.935 (23.38%)	894.043 (40.98%)
Uzbekistan	1649.588	-40.143 (-2.43%)	604.672 (36.66%)	1085.059 (65.78%)
Vanuatu	23.919	2.171 (9.08%)	18.961 (79.27%)	2.787 (11.65%)
Venezuela (Bolivarian Republic of)	3886.955	1592.637 (40.97%)	2325.503 (59.83%)	-31.185 (-0.8%)
Viet Nam	3002.644	951.604 (31.69%)	2376.748 (79.16%)	-325.708 (-10.85%)
Yemen	2364.37	-16.566 (-0.7%)	2300.93 (97.32%)	80.006 (3.38%)
Zambia	1187.462	-36.201 (-3.05%)	913.987 (76.97%)	309.676 (26.08%)
Zimbabwe	691.344	42.029 (6.08%)	474.854 (68.69%)	174.461 (25.24%)

a.Change in DALYs number between year 2019 and 1990.

b.Change in DALYs number due to change in the age structure.

c.Change in DALYs number due to change in population number.

d.Change in DALYs number due to epidemiologic changes. Epidemiologic changes refer to the DALYs number change when age structure and population hold constant.

DALYs, Disability-Adjusted Life Years; SDI: Socio-demographic index.