

Supplementary materials:

Table S1 The prevalence of benign prostatic hyperplasia cases and rates in 1990 and 2021, and the trends from 1990 to 2021

location	Prevalent cases			Prevalent rates		
	1990_thousand (95% UI)	2021_thousand (95% UI)	percentage change (100%)	1990_per 100 000(95% UI)	2021_per 100 000(95% UI)	EAPC (95% CI)
Global	50705.8 (38735.5-65693.4)	112502 (88131.8-142634.2)	1.219	2899.8 (2240-3682.6)	2782.6 (2191.6-3508)	-0.008 (-0.056-0.041)
Low SDI	2845.9 (2116.5-3858.1)	6457.4 (4850.5-8510.3)	1.269	2651.5 (1995.1-3512)	2837.3 (2142.2-3708)	0.18 (0.167-0.193)
Low-middle SDI	9518.1 (7111-12599.6)	22260.1 (16670.8-28973.3)	1.339	3300.7 (2462.6-4294.2)	3388.6 (2569.1-4372.1)	0.118 (0.107-0.129)
Middle SDI	14745.3 (11131.2-19256)	38637 (29829.5-49336)	1.620	3282.2 (2531-4187.8)	3097.5 (2433.5-3911.5)	0.018 (-0.06-0.096)
High-middle SDI	13845.1 (10636.5-17767.8)	26259.4 (20504.2-33079.1)	0.897	3335.9 (2606-4198.2)	2881.3 (2275.3-3621.7)	-0.376 (-0.421--0.331)
High SDI	9685.8 (7699-12190.3)	18779.4 (15540.5-22785.8)	0.939	2036.6 (1630.3-2549.7)	1928 (1605-2322.8)	0.03 (-0.038-0.097)
High-income Asia Pacific	1128.4 (844.9-1513.3)	2420.2 (1870.4-3134.5)	1.145	1296.9 (979.4-1724.4)	1167.8 (902.1-1524.9)	-0.154 (-0.225--0.083)
High-income North America	2725.8 (2193.9-3342.1)	5552.6 (4852.9-6346.9)	1.037	1829.9 (1479.6-2225.3)	1818.9 (1599.1-2062.7)	0.243 (0.171-0.314)
Western Europe	5379.7 (4301.3-6726.2)	9436 (7730.9-11590.2)	0.754	2176.6 (1746.6-2711)	2269.2 (1864.7-2771.6)	0.198 (0.169-0.227)
Australasia	214 (159.4-286.7)	520.5 (384.5-684.7)	1.432	1978.4 (1492-2639.1)	1979.8 (1482.2-2581.4)	0.03 (-0.007-0.066)
Andean Latin America	258.9 (192.3-348.8)	790.9 (582.3-1037.1)	2.055	2790.9 (2076.3-3700.9)	2877.2 (2127.2-3752.3)	0.147 (0.113-0.182)
Tropical Latin America	934.4 (780.7-1138.1)	2170.6 (1812.6-2656.1)	1.323	2323.6 (1928.6-2823.1)	1892.2 (1570.6-2306.7)	-0.316 (-0.431--0.2)
Central Latin America	1735.8 (1362.6-2176.5)	5373.6 (4241.6-6693.4)	2.096	4703.4 (3696-5862.6)	4775 (3770.5-5939.4)	0.119 (0.087-0.152)
Southern Latin America	265.2 (200.3-348.4)	547 (402.2-725.5)	1.063	1292.2 (984-1703.5)	1404.1 (1037.7-1852.8)	0.334 (0.289-0.379)
Caribbean	360.3 (266.6-476.8)	768.6 (565.4-1002)	1.133	2910.4 (2157.5-3849.9)	3060.8 (2253.5-3991.3)	0.193 (0.178-0.209)
Central Europe	2322.8 (1831.7-2915.8)	3164.2 (2622.2-3834.8)	0.362	3671.8 (2900.9-4562.4)	3222 (2698.6-3878)	-0.147 (-0.255--0.039)
Eastern Europe	5859.5 (4455.5-7564.7)	8497 (6448.4-10798.5)	0.450	6282.7 (4855.1-7873.7)	6262.2 (4821.1-7834.3)	-0.002 (-0.017-0.013)
Central Asia	471.6 (346.7-626.8)	943.3 (708.9-1243.7)	1.000	2753.1 (2059.4-3600)	2826.9 (2151.5-3627.8)	0.048 (0.03-0.066)
North Africa and Middle East	1654.2 (1221.9-2266.7)	4705.5 (3471.2-6338.8)	1.845	2068.8 (1547.4-2741.6)	2168.6 (1598.2-2888.4)	0.134 (0.126-0.143)
South Asia	9537.5 (7049-12680.8)	26115.7 (19277.2-33966.8)	1.738	3414.3 (2525.8-4455.6)	3749 (2817.4-4827.6)	0.221 (0.19-0.251)
Southeast Asia	5134.1 (3841.5-6656.1)	12223.9 (9320.3-15812.2)	1.381	4691.9 (3557.7-5984.5)	4189.6 (3228.5-5327.3)	-0.126 (-0.221--0.031)
East Asia	10392.8 (7591.1-13752)	24304 (18921.9-31611.3)	1.339	2908.3 (2165.6-3765.4)	2361.9 (1862.5-2997.8)	-0.234 (-0.392--0.075)
Oceania	43.8 (32.3-58.4)	117.4 (88.9-153.5)	1.680	3494.3 (2632.4-4480.7)	3632.8 (2754.1-4576.2)	0.139 (0.127-0.151)
Western Sub-Saharan Africa	918 (674.2-1252.9)	1888.9 (1394-2554)	1.058	2188 (1620.4-2936.1)	2210.8 (1638.3-2941.6)	0.011 (0.001-0.021)
Eastern Sub-Saharan Africa	828.9 (608.6-1127)	1754.6 (1294.7-2374.5)	1.117	2393.9 (1784.8-3200.3)	2421.3 (1784.7-3225.8)	0.011 (-0.003-0.026)
Central Sub-Saharan Africa	203.7 (149-280.1)	475.6 (350.2-653.2)	1.335	2107.1 (1553.6-2837.5)	2143.1 (1599-2845.6)	0.032 (0.018-0.045)
Southern Sub-Saharan Africa	336.5 (250.8-454.9)	731.8 (544.8-998.2)	1.175	3049.4 (2294.8-4079.4)	3166.5 (2376-4202.8)	0.119 (0.099-0.14)

Table S2. The Incidence of benign prostatic hyperplasia cases and rates in 1990 and 2021, and the trends from 1990 to 2021

location	Incident cases			Incident rates		
	1990_thousand (95% UI)	2021_thousand (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Global	6406 (4999.9-7994.8)	13787.6 (10907.9-17015)	1.152	335 (262.3-414.7)	326.1 (258.9-400.3)	0.033 (-0.017-0.082)
Low SDI	359.3 (273.6-466.7)	810.2 (623.5-1024.2)	1.255	297.5 (227.6-379.2)	317 (244.6-400.5)	0.156 (0.139-0.172)
Low-middle SDI	1173.1 (909.8-1483.4)	2705.2 (2093.7-3405.2)	1.306	364.3 (283.1-453.7)	377.1 (292.2-470.6)	0.107 (0.101-0.114)
Middle SDI	1961.6 (1511.6-2480.7)	4925 (3869.3-6110.2)	1.511	383.4 (296.8-477.5)	365.4 (287.7-451.2)	0.044 (-0.031-0.118)
High-middle SDI	1777.7 (1380.1-2218.3)	3250.6 (2558.3-4012)	0.829	387.9 (304.5-477.5)	341.3 (270.7-417.6)	-0.324 (-0.373--0.275)
High SDI	1126.2 (902.1-1385.5)	2083.5 (1716.9-2523.2)	0.850	230.7 (185-283.1)	223.2 (185.4-269.3)	0.146 (0.052-0.24)
High-income Asia Pacific	142.1 (107.6-185.5)	252.8 (194.4-331.2)	0.779	149.8 (113.5-194.9)	138.2 (106.2-179.7)	-0.081 (-0.176-0.013)
High-income North America	298.2 (243.1-361.2)	647 (544.1-757.9)	1.170	200.5 (164.6-240.8)	216.2 (183.9-251.1)	0.470 (0.381-0.559)
Western Europe	587.9 (468.3-725.3)	917.9 (737.8-1121.3)	0.561	237.5 (190.6-291.6)	241.6 (197-291.9)	0.375 (0.252-0.499)
Australasia	26.7 (20.3-35.2)	59.4 (44.2-77.3)	1.225	237.5 (181.2-310.9)	238.8 (181.6-306.1)	0.102 (0.004-0.199)
Andean Latin America	32.4 (24.7-42)	96.5 (72.6-123)	1.978	326 (248-417.7)	338.5 (255.4-429.2)	0.184 (0.149-0.219)
Tropical Latin America	117.9 (96.3-144.1)	269.4 (221.9-332.6)	1.285	266.7 (217.6-325.6)	222.9 (183-273.8)	-0.249 (-0.362--0.135)
Central Latin America	206.2 (164-253.3)	622.2 (495.4-765.5)	2.017	511.9 (404.5-626.4)	522.1 (416.8-639.2)	0.148 (0.12-0.177)
Southern Latin America	32.4 (24.6-41.8)	64.5 (48.9-83.1)	0.991	151.2 (115.5-193.6)	164.4 (124.7-211.3)	0.379 (0.278-0.48)
Caribbean	43.6 (32.9-55.7)	92.8 (71.4-118)	1.128	343.5 (259.9-438.5)	361.2 (277.1-456.1)	0.215 (0.191-0.239)
Central Europe	288.5 (230.4-352.3)	371.4 (301.6-441.7)	0.287	421.7 (338.8-510.1)	376.6 (310.5-445.1)	-0.215 (-0.275--0.155)
Eastern Europe	720.6 (564.4-900.1)	959.3 (752.1-1175.4)	0.331	662.4 (525.4-796.9)	661.1 (527.1-792.2)	-0.021 (-0.047-0.005)
Central Asia	61.9 (46.7-80.2)	126.1 (96-162.3)	1.037	322.9 (246.4-412.1)	330 (255-415.9)	0.021 (-0.007-0.05)
North Africa and Middle East	212.3 (161.3-276)	604.2 (463.2-775.9)	1.846	238.9 (182.3-306.4)	250.2 (191.4-319.9)	0.126 (0.115-0.137)
South Asia	1176.8 (898.1-1497.4)	3125.6 (2407.6-3942.4)	1.656	373.1 (288.8-469.2)	412.9 (319.9-516.1)	0.205 (0.164-0.247)
Southeast Asia	637.3 (498.7-790.4)	1540 (1210.5-1920.9)	1.416	512.5 (402.2-630.3)	467.4 (367.6-577.9)	-0.105 (-0.183--0.027)
East Asia	1525.5 (1133.2-1968.7)	3395.8 (2603.9-4245.9)	1.226	365.7 (276.5-465)	303.5 (236.8-380.2)	-0.208 (-0.35--0.064)
Oceania	6.3 (4.8-8.1)	16.7 (12.8-21.2)	1.651	423.3 (324-530.6)	437.7 (333.9-548.8)	0.117 (0.101-0.133)
Western Sub-Saharan Africa	116.6 (88.9-151)	241.5 (185.4-309.7)	1.071	248.5 (189-319.8)	250.9 (191.9-320.2)	0.001 (-0.01-0.012)
Eastern Sub-Saharan Africa	105.6 (79.8-137.3)	228.8 (175.1-294.5)	1.167	272.2 (207.5-345.7)	275.7 (209.1-352.6)	0.016 (0.002-0.03)
Central Sub-Saharan Africa	26.8 (20.2-35.2)	66.1 (49.1-87.7)	1.466	241.8 (182.9-314)	246.3 (187.3-323)	0.032 (0.019-0.045)
Southern Sub-Saharan Africa	40.4 (30.7-51.6)	89.4 (68.5-116.3)	1.213	331.1 (253.7-418.7)	342.7 (265.2-433.8)	0.108 (0.089-0.127)

Table S3. The DALYs of benign prostatic hyperplasia cases and rates in 1990 and 2021, and the trends from 1990 to 2021

location	DALYs cases			DALYs rates		
	1990_thousand (95% UI)	2021_thousand (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Global	1011.1 (605.8-1555.9)	2235.7 (1345.7-3402.6)	1.211	57.5 (34.6-87.8)	55.1 (33.2-83.5)	-0.003 (-0.053-0.047)
Low SDI	56.5 (33.4-86.8)	128.5 (77-198.9)	1.274	52.1 (30.9-81.1)	56 (33.2-87.2)	0.202 (0.192-0.212)
Low-middle SDI	189.1 (114.4-287.4)	441.6 (263.6-685.2)	1.335	65.1 (38.8-99.6)	66.8 (40-102.8)	0.129 (0.116-0.143)
Middle SDI	295.2 (174.9-458.1)	769.6 (459.7-1179.4)	1.607	65.1 (39-98.4)	61.4 (36.7-92.5)	0.018 (-0.060-0.097)
High-middle SDI	276.1 (165.5-422.1)	522.4 (311.5-792.3)	0.892	66.1 (39.9-99.8)	57.2 (34-86)	-0.367 (-0.414--0.32)
High SDI	192.8 (118.1-294.1)	371.5 (233.7-558.8)	0.927	40.5 (24.8-61.4)	38.2 (24.2-57.3)	0.025 (-0.042-0.091)
High-income Asia Pacific	22.6 (13.4-35.7)	48.2 (29.5-76.2)	1.133	25.8 (15.3-41.2)	23.4 (14.2-37.3)	-0.134 (-0.205--0.062)
High-income North America	54 (34.3-81.5)	108.3 (68.3-158.3)	1.006	36.2 (23.1-54.5)	35.5 (22.5-51.9)	0.201 (0.129-0.272)
Western Europe	107.6 (66.9-165.4)	188.5 (120.2-286.5)	0.752	43.5 (27.1-66.8)	45.5 (28.9-68.6)	0.209 (0.18-0.238)
Australasia	4.2 (2.6-6.7)	10.3 (6.1-15.8)	1.452	39 (23.6-61)	39.1 (23.6-61)	0.032 (-0.004-0.068)
Andean Latin America	5.2 (3-8.3)	15.8 (9.3-24.9)	2.038	55.8 (32.4-88.7)	57.3 (33.8-90.7)	0.138 (0.103-0.173)
Tropical Latin America	18.4 (11.7-27.7)	42.8 (27.2-65)	1.326	45.6 (28.7-68.7)	37.2 (23.6-56.3)	-0.311 (-0.427--0.195)
Central Latin America	34.4 (21.5-52.1)	106.6 (66.6-162.2)	2.099	92.7 (58.1-140.3)	94.5 (59-143.9)	0.126 (0.096-0.156)
Southern Latin America	5.3 (3.2-8.2)	10.9 (6.6-17.1)	1.057	25.8 (15.4-39.8)	28 (16.9-43.6)	0.325 (0.28-0.37)
Caribbean	7.2 (4.3-11.4)	15.3 (9.2-24)	1.125	58.2 (34.5-92)	60.7 (36.7-95.7)	0.171 (0.155-0.188)
Central Europe	45.8 (28.3-69.3)	62.5 (39.8-94.7)	0.365	72.1 (43.9-108)	63.6 (40.5-95.4)	-0.126 (-0.233--0.019)
Eastern Europe	116.1 (70.8-176.4)	168.2 (101.1-254.1)	0.449	123.7 (75.8-186)	123.6 (75.4-185.1)	0.021 (0.003-0.040)
Central Asia	9.5 (5.6-14.6)	19 (11.3-29.4)	1.000	55 (32.1-84.9)	56.5 (33.3-86.5)	0.050 (0.032-0.068)
North Africa and Middle East	33.1 (19.5-51.9)	93.7 (56.4-146.3)	1.831	41.1 (24.3-65.1)	42.8 (25.5-67.5)	0.118 (0.111-0.126)
South Asia	188.8 (114.1-285.7)	516.5 (311.5-794.3)	1.736	67 (40-102.9)	73.7 (44.3-113)	0.240 (0.211-0.268)
Southeast Asia	103.1 (62-157.7)	245.6 (148.1-376.8)	1.382	93.4 (56.3-141.9)	83.5 (50.2-127.6)	-0.117 (-0.212--0.023)
East Asia	209.1 (120.7-321.6)	484.1 (284.5-737.4)	1.315	57.9 (33.6-88.8)	46.8 (27.9-70.9)	-0.247 (-0.406--0.087)
Oceania	0.9 (0.5-1.4)	2.3 (1.4-3.5)	1.556	68.7 (40.7-105)	71.3 (43.1-107.3)	0.143 (0.129-0.156)
Western Sub-Saharan Africa	18.4 (10.8-28.4)	38 (22.5-58.6)	1.065	43.4 (25.8-68.3)	44.1 (26-69.5)	0.040 (0.030-0.050)
Eastern Sub-Saharan Africa	16.5 (9.9-25.9)	35.2 (21.1-54.8)	1.133	47.3 (28-74.5)	48.1 (28.6-75.8)	0.036 (0.025-0.047)
Central Sub-Saharan Africa	4 (2.4-6.2)	9.5 (5.6-14.6)	1.375	41.4 (24.3-64.9)	42.3 (25.4-66.3)	0.057 (0.046-0.068)
Southern Sub-Saharan Africa	6.7 (4-10.6)	14.5 (8.8-22.5)	1.164	60.7 (36-94.8)	62.5 (37.5-97)	0.100 (0.080-0.120)

Table S4. The prevalence of benign prostatic hyperplasia cases and rates in 1990 and 2021 across 204 countries, and the trends from 1990 to 2021

location	Prevalent cases			Prevalent rates		
	1990 (95% UI)	2021 (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Afghanistan	74666 (54651.7-100022.6)	76949.6 (57460.3-100129.1)	0.031	2055.6 (1511.6-2690.7)	2166 (1609.4-2823.4)	0.152 (0.141-0.162)
Albania	27349.6 (20342.4-36397.7)	68808.3 (50636.1-90661.1)	1.516	2977.7 (2217-3854.9)	3110.2 (2304.3-4061.7)	0.101 (0.077-0.125)
Algeria	121387.6 (89434-164034.6)	380902.4 (277748.8-507217.2)	2.138	2041.8 (1514.8-2719.3)	2151.7 (1583.9-2861.1)	0.139 (0.126-0.153)
American Samoa	347.8 (258.3-454.7)	879.7 (659.2-1158.1)	1.529	3674.9 (2773.1-4777.5)	3946.3 (3027.7-5144.3)	0.238 (0.219-0.257)
Andorra	458.1 (328.4-605.6)	1268.2 (917.8-1663.4)	1.768	1513.9 (1090.5-1987.4)	1609 (1163.1-2122.6)	0.286 (0.254-0.319)
Angola	35951.5 (26581.9-49757.9)	100858.4 (74462.6-137597.4)	1.805	2098.8 (1559.2-2814.9)	2145.6 (1612.7-2831.8)	0.04 (0.026-0.053)
Antigua and Barbuda	690.7 (512-914.7)	1569.9 (1144.8-2128)	1.273	2913.7 (2159.6-3809)	3091.2 (2268.7-4145.2)	0.22 (0.205-0.235)
Argentina	176367.4 (128945.3-236487.6)	324025.8 (237422.7-433543.8)	0.837	1227.3 (904-1631.2)	1303.5 (963.1-1733.5)	0.25 (0.204-0.297)
Armenia	29468.3 (21365.6-39531.6)	52653.6 (38807-69503.6)	0.787	2752 (2029.9-3576.2)	2811.3 (2084.3-3688)	0.067 (0.043-0.09)
Australia	168454.4 (120439.3-231069.9)	429893.2 (307366.8-579306.7)	1.552	1867.3 (1352.6-2539.9)	1943.7 (1398.2-2610.2)	0.122 (0.103-0.142)
Austria	160558.6 (115720.1-208416.9)	373477 (337974.7-409626.7)	1.326	3500.3 (2518.5-4536.5)	4602.8 (4151.2-5051.7)	0.568 (0.449-0.688)
Azerbaijan	50021.5 (36786.5-65818.9)	121211.4 (89720.2-163592.1)	1.423	2749.3 (2035.6-3612.7)	2815.1 (2104.4-3686.6)	0.07 (0.051-0.089)
Bahamas	1802.8 (1300.9-2413.3)	5407.7 (3971.4-7339.5)	2.000	2921.7 (2126.6-3947.1)	3073.9 (2292.7-4132.9)	0.182 (0.163-0.2)
Bahrain	1758.8 (1300.7-2382.8)	11849.5 (8685.8-16164.1)	5.737	2121.3 (1575.9-2783.7)	2304.7 (1691.4-3046.7)	0.225 (0.209-0.242)
Bangladesh	679772.7 (501625-909741.1)	2049417.3 (1499990.3-2705808.4)	2.015	2779.2 (2051.8-3707.9)	2878.7 (2127.4-3762.6)	0.124 (0.118-0.13)
Barbados	3730.1 (2761-4907.9)	7533.3 (5529.3-9838)	1.020	2921.2 (2157.6-3814.5)	3065.5 (2262.7-3984.4)	0.181 (0.163-0.199)
Belarus	265395.3 (202028.1-342091.5)	356364.9 (271115.1-460153.8)	0.343	5872 (4478.9-7451.9)	5836.7 (4523.1-7414.7)	-0.005 (-0.022-0.013)
Belgium	254372.8 (154264.4-322545)	436964.9 (282726.9-544074)	0.718	3826.3 (2335-4843.6)	4096 (2675.6-5106)	0.307 (0.262-0.352)
Belize	1280.6 (939-1690.6)	4281.1 (3179.5-5808.5)	2.343	2852.2 (2099.6-3781)	3024.7 (2248-4062.7)	0.22 (0.202-0.238)
Benin	19349.7 (14532-26386.9)	47229.5 (35089.5-64440)	1.441	2091.8 (1579.5-2852.9)	2137.6 (1595-2847.4)	0.053 (0.04-0.066)
Bermuda	752.8 (545.2-1000.1)	1878.7 (1388.2-2527.7)	1.496	2853 (2079.9-3761.8)	2987.2 (2216.8-4023.1)	0.169 (0.152-0.185)
Bhutan	3017.4 (2238.7-4041.8)	8630.9 (6502.6-11236.6)	1.860	2771.2 (2083.8-3629.3)	2905.1 (2173.5-3788.1)	0.149 (0.14-0.159)
Bolivia (Plurinational State of)	38158.3 (27780.4-50309.3)	120911.6 (86868.2-162792.5)	2.169	2737.4 (2023.9-3616.8)	2895.4 (2096.6-3848.1)	0.189 (0.172-0.206)
Bosnia and Herzegovina	49162.4 (36799.1-64422.6)	92012.6 (68279.8-120249.7)	0.872	3023.5 (2254.9-3939.9)	3237.5 (2417.6-4172.1)	0.209 (0.182-0.236)
Botswana	8080.1 (6009.7-10447.9)	20750 (15390.8-26673.5)	1.568	3360.3 (2550.2-4255.9)	3458.5 (2604.5-4392.1)	0.104 (0.09-0.117)
Brazil	912976.4 (764147.9-1111662.8)	2111128.5 (1763868.4-2572964)	1.312	2328.1 (1935.2-2822.2)	1884.2 (1566.6-2287.8)	-0.326 (-0.445--0.208)
Brunei Darussalam	495.8 (349-671.3)	1782.1 (1260.4-2431.9)	2.594	1075.8 (754.3-1442.5)	1118.1 (793.6-1489)	0.121 (0.108-0.135)
Bulgaria	175896.2 (131901.2-232278.8)	199998.2 (147858.1-260836.4)	0.137	3008.5 (2254.2-3893.7)	3171.2 (2387.9-4115.6)	0.121 (0.092-0.151)
Burkina Faso	41915.2 (31118.2-56873.6)	87306.5 (64925.7-115296.6)	1.083	2093.6 (1580.9-2803.7)	2133.9 (1594.3-2811.7)	0.044 (0.037-0.05)
Burundi	22602.7 (16657.5-30349.4)	52426.3 (38177.5-71341.5)	1.319	2272.7 (1670.8-3023.1)	2265.2 (1654.4-3008.6)	-0.026 (-0.043--0.008)
Cabo Verde	2106.5 (1538.9-2794.6)	3857.7 (2892.7-5131.5)	0.831	2086.4 (1537-2770.2)	2159 (1597.1-2827)	0.089 (0.075-0.103)
Cambodia	68524.8 (50518-90345.2)	196735.3 (146191.7-256737.3)	1.871	3954.1 (2962.7-5128.9)	4103.6 (3045.8-5280.6)	0.102 (0.088-0.115)
Cameroon	42294.2 (31454.2-55946.2)	118302.7 (87315.9-160379.1)	1.797	2082.9 (1531.8-2756.1)	2133 (1590.5-2820)	0.06 (0.051-0.07)
Canada	249237.7 (183341.2-330222.7)	621443.2 (467630.3-810637.3)	1.493	1742.7 (1292-2283)	1828.3 (1373.4-2342.1)	0.237 (0.195-0.279)
Central African Republic	9951.3 (7209.8-13682.2)	18373.1 (13454.5-25449.2)	0.846	2106.4 (1569.4-2781.4)	2156.6 (1604.1-2873.1)	0.04 (0.027-0.052)
Chad	28208 (20451.9-37747.6)	62352.7 (45907.1-84829.1)	1.210	2092.7 (1524.2-2776.5)	2134.8 (1566.6-2861.7)	0.043 (0.034-0.051)
Chile	67614.8 (49326.4-92277.6)	193019.2 (141388.2-262452.5)	1.855	1539.5 (1133.3-2076)	1640.9 (1206.6-2214.4)	0.281 (0.242-0.321)
China	9940459.3 (7241435.2-13182439.7)	23111197.5 (18003854.2-30074671.4)	1.325	2880.3 (2141.1-3730.6)	2315.2 (1822.2-2946.6)	-0.242 (-0.411--0.074)
Colombia	338842.4 (252543.5-441642.6)	1110782.2 (830372.4-1436266.2)	2.278	4332 (3257.9-5609.9)	4515.1 (3395-5779.6)	0.143 (0.133-0.152)

Comoros	2047.1 (1509.1-2778.6)	4765.2 (3553.9-6330.4)	1.328	2265.4 (1676.1-3014.1)	2267.7 (1688.3-2989.2)	-0.012 (-0.024-0.001)
Congo	9196 (6739.3-12594.8)	25253.5 (18780.3-33933)	1.746	2116.6 (1564.1-2834)	2158.9 (1594.5-2876.1)	0.025 (0.012-0.038)
Cook Islands	212.4 (159.2-279.5)	480.2 (358.2-629.1)	1.261	3511.6 (2662.6-4507.4)	3690.3 (2775.7-4784.5)	0.18 (0.171-0.19)
Costa Rica	34710.5 (25462.4-45233)	114142 (83685.2-148022.1)	2.288	4313.6 (3178-5595.5)	4545.5 (3354.5-5881.5)	0.181 (0.169-0.193)
Côte d'Ivoire	39894.2 (30002.1-54314.7)	112530.5 (82453-151073.3)	1.821	2091.8 (1579.5-2852.9)	2135.3 (1566.6-2813.4)	0.006 (-0.075-0.088)
Croatia	77095 (66549.4-88126.4)	122146.2 (105464.8-141609.6)	0.584	3266.8 (2855.2-3734.8)	3056.9 (2640.3-3525.8)	0.172 (0.155-0.189)
Cuba	148381.1 (109498.8-195843.2)	281244.5 (207086.8-370279.1)	0.895	2919.5 (2158.3-3845.8)	3052.7 (2243.7-4031.4)	0.11 (0.096-0.123)
Cyprus	6137.8 (5052.7-7467.7)	16192.3 (13029.5-19308.9)	1.638	1500.9 (1237.4-1817.6)	1554.4 (1252.5-1845.6)	0.231 (0.212-0.251)
Czechia	218312.2 (167665.1-272300.4)	409234.4 (312613-500690.4)	0.875	3842.4 (2995.9-4721.2)	4171 (3228-5085.5)	0.043 (0.031-0.054)
Democratic People's Republic of Korea	150396.9 (111619.5-195909.8)	384945.9 (288208.6-503779.9)	1.560	3214.6 (2417.9-4131.4)	3298.1 (2516.5-4261.1)	0.097 (0.09-0.103)
Democratic Republic of the Congo	141651.6 (103518-193160.7)	316770.7 (232946.5-433621.6)	1.236	2108.3 (1545.4-2832.5)	2139.4 (1597.4-2842.4)	0.028 (0.014-0.042)
Denmark	57642.9 (39872.1-81457.2)	97656.2 (67010.1-136621.2)	0.694	1613.5 (1127-2273.6)	1710.7 (1180.4-2380.9)	0.318 (0.268-0.368)
Djibouti	1341.6 (979.5-1823.4)	7127.8 (5276.5-9525.8)	4.313	2255.8 (1671.9-2980.1)	2286.3 (1681.6-2981.7)	0.006 (-0.01-0.022)
Dominica	702.6 (513.2-925.9)	1280.4 (924.7-1747.4)	0.822	2926.4 (2160.8-3849.9)	3140.9 (2298.2-4150.6)	0.263 (0.244-0.282)
Dominican Republic	49015.2 (35541.1-65662.3)	137468.4 (101585.8-178640.3)	1.805	2825 (2059.6-3750.8)	2966.7 (2195-3860.9)	0.197 (0.175-0.218)
Ecuador	73391 (54661.7-98677.6)	223593.4 (162858.4-295459)	2.047	3010.3 (2240.7-4021.3)	2906.5 (2128-3835.9)	0.013 (-0.091-0.116)
Egypt	254199.6 (189908.9-348649.1)	675519.9 (488364.2-909105.7)	1.657	2016.8 (1508.7-2696.7)	2114.7 (1534-2801.1)	0.129 (0.115-0.144)
El Salvador	55898.2 (41807.1-74062.5)	116847.2 (88472.1-151661.4)	1.090	4268.8 (3197.7-5639.1)	4550.1 (3429.5-5907.1)	0.231 (0.223-0.24)
Equatorial Guinea	1671.9 (1228.3-2291.9)	4095.7 (3052.7-5541.4)	1.450	2101.7 (1572.9-2813.5)	2156.6 (1604.1-2873.1)	0.049 (0.037-0.06)
Eritrea	8728.4 (6439.9-11849.9)	22003.9 (16085.1-29742.7)	1.521	2255.1 (1686.1-2996.7)	2281 (1653.2-3043)	-0.002 (-0.016-0.013)
Estonia	41996.7 (31471.5-54930.9)	60757.8 (46647.8-77474.8)	0.447	5881.8 (4436.8-7555.9)	5905.1 (4545.3-7500.3)	0.03 (0.009-0.05)
Eswatini	3239.7 (2401.6-4493)	5931.3 (4313.3-8076.6)	0.831	2845.5 (2149.8-3872.4)	2941.4 (2151.5-3941.8)	0.1 (0.084-0.117)
Ethiopia	239009.7 (172714.5-325484.3)	500213.5 (368465.1-670312.1)	1.093	2472.1 (1839.2-3289)	2462.9 (1813-3268.1)	-0.035 (-0.055--0.015)
Fiji	5167.5 (3855.7-6773)	12076.6 (8868.1-15923.1)	1.337	3576.5 (2696.7-4597)	3806.9 (2893.6-4871.8)	0.216 (0.208-0.224)
Finland	107479.2 (95766.2-120059.7)	244795.4 (218567.2-270328.9)	1.278	3854.2 (3439.2-4284)	4053.3 (3628.8-4476.1)	0.205 (0.191-0.22)
France	528075.8 (384754.2-716767.4)	970894.2 (698382.7-1291684.5)	0.839	1504.7 (1104.8-2022.5)	1584.7 (1154.8-2105.3)	0.253 (0.218-0.288)
Gabon	5276.1 (3897.4-7136.9)	10221.8 (7528.8-14212.7)	0.937	2110 (1576.6-2794.7)	2165.9 (1619.2-2858.8)	0.054 (0.04-0.068)
Gambia	3566 (2618.9-4795)	9216.8 (6760-12452.1)	1.585	2084.6 (1545.9-2788.6)	2124.9 (1566.6-2872.5)	0.05 (0.036-0.064)
Georgia	69805 (51262.4-91695.3)	79030.5 (67894.3-92216.8)	0.132	2973.7 (2222.4-3841)	3236.1 (2790.5-3759.4)	0.122 (0.052-0.193)
Germany	751290.2 (544025-1016703.5)	1438552.9 (1053385.5-1925877.8)	0.915	1537.6 (1112.6-2072.9)	1653.7 (1204.9-2212.1)	0.336 (0.303-0.369)
Ghana	58122.7 (42923.7-78131.4)	144515.2 (107042-192800.8)	1.486	2101 (1543.3-2784.7)	2143.8 (1593.7-2793.9)	0.064 (0.058-0.071)
Greece	109666.2 (79377.4-147630.7)	184116.6 (144095.3-230693.4)	0.679	1519.8 (1107.2-2031)	1751.3 (1382.1-2192.6)	0.195 (0.099-0.29)
Greenland	258.7 (184.9-344.3)	699.4 (512.9-945.2)	1.704	1730.3 (1299-2273.3)	1837.1 (1376.4-2390.6)	0.285 (0.242-0.328)
Grenada	893.8 (660.9-1177.5)	1679.5 (1222.7-2281.1)	0.879	2923.1 (2161.9-3841.5)	3128.9 (2301.9-4154.9)	0.234 (0.219-0.249)
Guam	1112.8 (811.8-1468.6)	3473.2 (2605.2-4499.5)	2.121	3435.8 (2575.5-4392.5)	3525.5 (2667.2-4505.3)	0.096 (0.08-0.111)
Guatemala	67743.2 (49713-89095.1)	229022.2 (170832.2-295371.7)	2.381	4290 (3217.2-5530.7)	4588.7 (3439.7-5912.9)	0.251 (0.238-0.263)
Guinea	34073.6 (24883.3-46179.6)	58043.3 (42850.5-77597.6)	0.703	2082.2 (1535.8-2807)	2135.5 (1595.1-2820.5)	0.045 (0.032-0.058)
Guinea-Bissau	3791.7 (2792.2-5098.4)	6241.4 (4628.4-8426)	0.646	2086.4 (1537-2770.2)	2132.7 (1593.6-2845.5)	0.052 (0.04-0.063)
Guyana	4949.9 (3633.3-6657.4)	9042.8 (6569.8-12264.7)	0.827	2962.9 (2187.9-3934.1)	3163.3 (2326.7-4182.2)	0.247 (0.228-0.266)
Haiti	41964 (30703.4-55349.6)	95167.8 (69425.7-127827.1)	1.268	2918.3 (2145-3797)	3096 (2265.5-4123.7)	0.22 (0.208-0.232)
Honduras	40242.6 (30080.1-52516.4)	129368.2 (95942.8-169193.4)	2.215	4342.7 (3260.5-5632.8)	4592.4 (3433.9-5945.4)	0.193 (0.183-0.202)
Hungary	185010.9 (136484.4-243781.1)	260761.3 (192773.1-337750.8)	0.409	3031.1 (2246.5-3927.6)	3198.2 (2398.3-4113.5)	0.139 (0.11-0.169)

Iceland	1928.2 (1411.5-2586.9)	4412.8 (3143.7-6014.6)	1.289	1452.5 (1066.5-1942)	1547 (1109-2097.3)	0.329 (0.282-0.376)
India	7810475.5 (5781619.2-10403228.4)	21904365.1 (16228654-28462313.1)	1.804	3562.4 (2637.8-4639.9)	3948.2 (2974.6-5071.2)	0.221 (0.184-0.258)
Indonesia	2384236.7 (1777525.4-3089878.6)	4346737.7 (3370796.5-5635238.5)	0.823	5586.8 (4289.1-7049.4)	3945.3 (3077.2-5009.8)	-0.436 (-0.699--0.171)
Iran (Islamic Republic of)	290184.3 (210263.6-400933.3)	848238.7 (632114.6-1140284.1)	1.923	2218.8 (1653.9-2965.1)	2315.2 (1726.7-3094.4)	0.122 (0.11-0.135)
Iraq	73932.9 (55099.5-98707.9)	233096.3 (170194.7-316366.5)	2.153	2074.4 (1549.7-2759.7)	2168.6 (1597-2910.2)	0.099 (0.082-0.116)
Ireland	28798.4 (20819.5-38423.8)	61961.7 (44792.8-83452.8)	1.152	1501.5 (1098-2004.9)	1610.9 (1176.7-2145.9)	0.326 (0.289-0.363)
Israel	34450.9 (24791.3-46563.8)	92528.3 (66680.1-124163.2)	1.686	1520.5 (1101.3-2049.5)	1620.2 (1175.6-2194.7)	0.289 (0.257-0.32)
Italy	1330578.8 (1090780.3-1648738.5)	1988976.7 (1729060.5-2311310.7)	0.495	3356.4 (2763.3-4146.5)	3300.2 (2857.3-3852)	0.031 (-0.011-0.073)
Jamaica	24227.1 (17866.1-31926.3)	45044 (32721.9-61165.3)	0.859	2881.5 (2130.1-3826.3)	3081.9 (2243.2-4144.1)	0.252 (0.237-0.267)
Japan	1007462 (760273-1340944.7)	1911484.1 (1497359.6-2450937.5)	0.897	1344.3 (1021.8-1780.9)	1221.5 (948-1575.2)	-0.107 (-0.191--0.022)
Jordan	12502.9 (9230.6-16521.6)	88847.2 (66507.2-115447.1)	6.106	2068.8 (1540.4-2720.5)	2436.4 (1827.9-3135.8)	0.24 (0.142-0.338)
Kazakhstan	117447.1 (86944.2-155943)	195478.5 (142791.7-261144.4)	0.664	2761.8 (2036.7-3633.5)	2840 (2127.9-3732.3)	0.07 (0.051-0.089)
Kenya	109940 (81374.1-145376.5)	287938.5 (211607.5-388649.8)	1.619	2935.2 (2185.5-3842.4)	2950 (2184.7-3870.7)	-0.013 (-0.024--0.003)
Kiribati	469.2 (345.5-616.9)	911.3 (678.5-1196.1)	0.942	3534.5 (2661.9-4528.4)	3709.8 (2782-4711.2)	0.175 (0.168-0.183)
Kuwait	6556.9 (4846.3-8901)	33206.8 (24886.9-44609.4)	4.064	2094 (1553.5-2811.4)	2201.9 (1633.9-2939.1)	0.119 (0.097-0.142)
Kyrgyzstan	25692.1 (19052.5-34262.8)	45673.9 (33748.1-59967.7)	0.778	2396.2 (1805.8-3121.5)	2407.6 (1790.3-3132.6)	-0.006 (-0.035-0.023)
Lao People's Democratic Republic	36783.4 (27634.6-48285.7)	84060.1 (62586.5-109350.2)	1.285	3993.2 (3028.2-5157.1)	4123.6 (3078.5-5339.8)	0.092 (0.078-0.106)
Latvia	73203.5 (56917.7-93708.3)	86684.7 (66013.3-110745.4)	0.184	5873.4 (4538.2-7434.9)	5894.3 (4525.3-7497.1)	0.044 (0.025-0.063)
Lebanon	20976 (15326.1-28405.2)	58241.7 (43783.7-76325)	1.777	2055.5 (1510.3-2749.2)	2151 (1594.7-2844)	0.123 (0.112-0.134)
Lesotho	8300.3 (6036.2-11316.7)	11345 (8241.4-15584.6)	0.367	2826.3 (2087.2-3758.1)	2926 (2157.4-3930.6)	0.092 (0.079-0.104)
Liberia	12963.6 (9573.9-17464.1)	20759.4 (15152.7-27879.5)	0.601	2106.3 (1565.8-2814.9)	2156.1 (1589.4-2876)	0.071 (0.061-0.08)
Libya	18971.5 (13985.9-25251.8)	51968.5 (38080.5-68977.4)	1.739	2061.8 (1518.6-2718.9)	2190.1 (1604.2-2935.9)	0.178 (0.169-0.187)
Lithuania	111960.7 (96386.8-129332.5)	145380.5 (124098.7-170464.8)	0.298	6661.3 (5705.6-7713.3)	6719.4 (5741.7-7855)	0.047 (0.034-0.059)
Luxembourg	3644.4 (2654-4968.7)	8875.8 (6400.4-12050.3)	1.435	1591.7 (1166.6-2147.7)	1771.3 (1278.9-2399.5)	0.472 (0.424-0.521)
Madagascar	54639.1 (40524.8-73661.8)	109310.8 (80074.6-149693.5)	1.001	2260.6 (1700.5-2987.9)	2268.7 (1697.4-3071.7)	-0.012 (-0.022--0.003)
Malawi	37625.5 (27596.9-51272.8)	67645.3 (49388.6-89864.1)	0.798	2269.6 (1685.5-3011.6)	2288.3 (1693.6-3018)	0.019 (0.007-0.031)
Malaysia	162967 (122281.2-210458)	573577.6 (421117.1-752932.8)	2.520	4028 (3033.1-5185.3)	4155.8 (3099-5397.6)	0.062 (0.047-0.077)
Maldives	1909.2 (1401.5-2505.4)	6512 (4902.3-8492.2)	2.411	3981.6 (2955-5155.2)	4080 (3052.1-5347.9)	0.049 (0.037-0.061)
Mali	39706.4 (28974.6-53493.2)	90322.4 (66119.9-120997.8)	1.275	2089.7 (1531.9-2761.6)	2124.2 (1567.9-2795)	0.033 (0.023-0.042)
Malta	4150.4 (3385.3-4798.4)	10709.2 (8598.4-12572.7)	1.580	2147.8 (1753.4-2471.9)	2256.6 (1816.8-2635.6)	0.181 (0.165-0.196)
Marshall Islands	246.1 (180-326.7)	578.3 (422.9-754.2)	1.350	3647 (2764.8-4720.7)	3940.5 (2975.8-5031.1)	0.257 (0.244-0.271)
Mauritania	9505.4 (6845.3-12621.1)	21896.5 (16353.5-29837.2)	1.304	2078.2 (1522.8-2742.8)	2106.3 (1584.2-2825.7)	0.013 (-0.001-0.028)
Mauritius	12498.5 (9115.3-16522)	37214.9 (27842.8-49110.3)	1.978	4065.1 (3052.8-5233.3)	4309.1 (3231.7-5590.3)	0.195 (0.176-0.214)
Mexico	959256.7 (780074.6-1179915.1)	2863669 (2376886.6-3463957.6)	1.985	5064.9 (4095.1-6225)	5001.6 (4149.5-6018.9)	0.076 (0.024-0.129)
Micronesia (Federated States of)	740.2 (538.9-980.2)	1075.4 (803.2-1434.8)	0.453	3479.2 (2627.4-4487.4)	3683.7 (2770.8-4761)	0.215 (0.19-0.24)
Monaco	455.4 (327.8-603.7)	728.6 (522.7-974)	0.600	1508.5 (1094.1-1998.1)	1609 (1163.1-2122.6)	0.3 (0.264-0.336)
Mongolia	11844.7 (8753.6-15522.4)	23650.9 (17745.6-30954.1)	0.997	2693.5 (2007.6-3488.8)	2725.5 (2057.9-3547.5)	0.027 (0.006-0.048)
Montenegro	7943.3 (5888.4-10313.6)	14518 (10703.8-18954.9)	0.828	3043.2 (2249.7-3937)	3212.5 (2400.8-4139.2)	0.141 (0.116-0.166)
Morocco	139881.3 (100635.8-186673.4)	358912.6 (258727.8-482059.4)	1.566	2031.7 (1464.7-2696.1)	2137.4 (1560.3-2824)	0.134 (0.125-0.143)
Mozambique	59561.9 (42712.5-80254.4)	101088.5 (74806-136025.9)	0.697	2258.5 (1657.5-3011.4)	2284.7 (1723.7-3027.6)	0.022 (0.008-0.035)
Myanmar	400129.4 (295055.9-525874.5)	821192.7 (608413.8-1101062.1)	1.052	4005.4 (2970.1-5123.3)	4103.6 (3072.9-5406.5)	0.073 (0.068-0.078)
Namibia	7900.8 (5672.2-10900.4)	15658 (11550.9-21303.3)	0.982	2831.1 (2050.2-3798.2)	2919.6 (2150.7-3937.9)	0.05 (0.033-0.066)

Nauru	73.9 (54.8-97.6)	75.1 (55.9-98.5)	0.016	3471.1 (2614.2-4463.1)	3634.6 (2766.4-4627.4)	0.158 (0.141-0.175)
Nepal	112656 (86573-144511.8)	265742.9 (210720.5-327744.3)	1.359	2491.9 (1899-3154)	2407.1 (1922.2-2951.1)	0.059 (-0.008-0.127)
Netherlands	131013.6 (94323-178003.5)	272961.8 (195229.3-360029.3)	1.083	1521.7 (1102.5-2060.7)	1595.3 (1147.3-2091.2)	0.236 (0.206-0.266)
New Zealand	45513.2 (36764.4-56014)	90646.6 (76838.3-107293.9)	0.992	2533 (2063.6-3103.9)	2171.7 (1851.2-2565.8)	-0.349 (-0.469--0.229)
Nicaragua	28332 (20998-37140.3)	94721.4 (69555.7-123931.9)	2.343	4325.4 (3229.9-5618.9)	4567.2 (3387.8-5934.5)	0.202 (0.189-0.215)
Niger	27665.8 (20276.2-37406.6)	78766.6 (57862.3-107477)	1.847	2072 (1549-2751.9)	2097 (1547.9-2780.9)	0.031 (0.017-0.045)
Nigeria	488731 (360352.8-667752.4)	881564.6 (653688-1187496.4)	0.804	2284.7 (1692.8-3060.6)	2305.5 (1706.4-3073.1)	0.002 (-0.013-0.017)
Niue	32.6 (24.5-41.8)	36.1 (27.1-47.3)	0.107	3578.9 (2693.4-4572)	3828.2 (2898-4913.9)	0.237 (0.229-0.245)
North Macedonia	25790.8 (18950.7-34094.8)	52754.8 (38691.1-69991.2)	1.045	3035.9 (2250.2-3961.1)	3238.4 (2398.7-4184.5)	0.176 (0.147-0.205)
Northern Mariana Islands	241.4 (180.1-314.7)	875.7 (645.4-1168.7)	2.628	3482.9 (2612.8-4505.6)	3610.4 (2691.3-4667)	0.132 (0.122-0.142)
Norway	157695 (123320.7-197363.4)	255584.4 (201259.4-318521.5)	0.621	5194 (4069.3-6475)	5283.3 (4159-6604.2)	0.052 (0.043-0.061)
Oman	6484.7 (4776.8-8616.1)	20600.1 (15281.8-27453.3)	2.177	2052 (1531.2-2721.1)	2144.1 (1586.7-2853)	0.104 (0.087-0.121)
Pakistan	931604.5 (692929.3-1234077.3)	1887556.1 (1393107-2521875.2)	1.026	3053.7 (2291.1-4004.3)	3190.7 (2371.6-4138.3)	0.167 (0.158-0.176)
Palau	155.3 (113.8-206.5)	390.7 (292.9-504.4)	1.516	3518.2 (2646.8-4557.9)	3719.9 (2770.6-4711.9)	0.196 (0.185-0.208)
Palestine	7759.9 (5728.8-10371.7)	24811.3 (18311-33695.5)	2.197	2058.8 (1537.2-2734.6)	2156 (1590.7-2860.2)	0.134 (0.125-0.143)
Panama	30947.6 (23150.6-40345.8)	96220 (71717-125511.3)	2.109	4311.4 (3243.8-5603.9)	4564.2 (3401.5-5934.5)	0.195 (0.184-0.206)
Papua New Guinea	26664.7 (19689.6-35298.9)	79614.7 (60344.8-102558)	1.986	3480 (2605.4-4488.9)	3606 (2736.4-4545.3)	0.125 (0.111-0.139)
Paraguay	21374.3 (15649.9-28589.3)	59444.3 (43326.1-78778.1)	1.781	2146.8 (1578.7-2855.3)	2227.8 (1623.4-2970.5)	0.124 (0.109-0.14)
Peru	147301.1 (107472.3-197827.4)	446362.5 (330780.3-576398.5)	2.030	2707.6 (1981.4-3632.9)	2858.1 (2121.8-3675.1)	0.194 (0.175-0.213)
Philippines	558787.6 (421239.6-730566.8)	1567523.6 (1189931.6-2051760)	1.805	4334.7 (3260.3-5611.2)	4477.4 (3403-5743.8)	0.038 (0.014-0.063)
Poland	790372.8 (590409.4-1035607.7)	801969.6 (672324.8-964228.7)	0.015	4474.9 (3378.4-5731.8)	2591.9 (2187.7-3090.7)	-0.823 (-1.249--0.394)
Portugal	98211.5 (71096.9-133463.6)	175244.4 (124810-235645.2)	0.784	1550 (1136.1-2087.6)	1652.2 (1189.4-2200.9)	0.317 (0.275-0.359)
Puerto Rico	50673.8 (37449.8-67283.2)	102020.9 (75066.9-133515.5)	1.013	2944 (2182-3870.4)	3119.1 (2304.6-4057.5)	0.218 (0.194-0.242)
Qatar	1282.9 (939.2-1710.1)	13163.4 (9538.9-17868)	9.261	2144.4 (1581.8-2841.4)	2349.4 (1719.2-3074.9)	0.285 (0.249-0.321)
Republic of Korea	110756.7 (77809.3-150587.9)	462238.2 (329398.2-635735.5)	3.173	996.9 (704.2-1339.1)	1025 (736.1-1392.7)	0.081 (0.07-0.092)
Republic of Moldova	101642.1 (76864.3-133299.4)	143427.7 (107478.5-182710.4)	0.411	5927.2 (4576.2-7622.9)	5906.5 (4494.5-7518.9)	0.006 (-0.013-0.025)
Romania	449977.2 (370982-540452.3)	622380.8 (522452-742515.2)	0.383	3666.1 (3026.9-4360)	3823.6 (3219.5-4529.1)	0.123 (0.112-0.134)
Russian Federation	3688071.6 (2798120.7-4795423.6)	5806005.2 (4394376.8-7367910.4)	0.574	6302.2 (4849.8-7904.3)	6279.9 (4840.6-7837.4)	-0.003 (-0.016-0.011)
Rwanda	26338.5 (19133.3-36125.8)	55154.6 (40269.3-75147.8)	1.094	2260.2 (1671.7-3016.3)	2257.8 (1666.1-2997.2)	-0.018 (-0.032--0.003)
Saint Kitts and Nevis	536.9 (383.6-725.7)	979 (710.8-1363.8)	0.823	2947 (2149.4-3925)	3091.2 (2268.7-4145.2)	0.174 (0.161-0.187)
Saint Lucia	1186.4 (867.8-1560.9)	3627.5 (2677-4752.4)	2.058	3005.7 (2222.2-3938.9)	3180.8 (2360.1-4157.7)	0.213 (0.196-0.231)
Saint Vincent and the Grenadines	953.7 (686-1271.8)	2357.2 (1718.4-3166.9)	1.472	2964.1 (2148.1-3932.1)	3148.6 (2307-4157.4)	0.21 (0.195-0.225)
Samoa	1312.8 (959.4-1728)	2344.5 (1758.3-3088.3)	0.786	3507.6 (2639.1-4461)	3649.6 (2730.1-4668.4)	0.134 (0.118-0.15)
San Marino	249.2 (179.2-331.6)	548.4 (392.2-737.1)	1.201	1520.1 (1105.6-2021.3)	1613.7 (1164.7-2171.2)	0.288 (0.255-0.32)
Sao Tome and Principe	623.7 (453.1-842.2)	1046.7 (775.9-1430.7)	0.678	2095 (1529.7-2800.1)	2146.6 (1588.1-2835.8)	0.057 (0.049-0.065)
Saudi Arabia	62237.8 (45839.7-83565.3)	217112.9 (162429-289326)	2.488	2083.2 (1548.7-2788.8)	2194.3 (1639.2-2943.7)	0.166 (0.159-0.173)
Senegal	33157.1 (24387.2-44140.3)	76325.8 (56769.2-100755.8)	1.302	2110.9 (1571.7-2766.5)	2164.7 (1623.2-2857.1)	0.077 (0.064-0.089)
Serbia	170621.1 (142805.6-203574.3)	276916.3 (232109.2-330947.4)	0.623	3376.4 (2862.1-3957.5)	3584.6 (3026.7-4259.3)	0.182 (0.172-0.192)
Seychelles	977.3 (720.1-1267.4)	2322.3 (1714.6-3036.2)	1.376	4012.5 (2966.9-5192)	4277.5 (3198.1-5548)	0.178 (0.156-0.2)
Sierra Leone	21131 (15266.4-27749.2)	37151.7 (27384.2-50190.3)	0.758	2053.9 (1486.7-2688.7)	2100.7 (1538.7-2787.9)	0.059 (0.048-0.07)
Singapore	9719.5 (6953.8-13268.5)	44705.6 (31520.4-61282.3)	3.600	1021.6 (732.7-1375.1)	1027.4 (728.5-1393)	0.03 (0.011-0.05)
Slovakia	86199.4 (77410.9-96581.5)	148207.6 (132867.2-166254.4)	0.719	3383.7 (3038.1-3775.3)	3501.1 (3143.7-3897.9)	0.103 (0.099-0.107)

Slovenia	21892.5 (19029-25304.4)	48478 (41904.2-56709.8)	1.214	2309.6 (2014.1-2664.6)	2398.8 (2083.1-2793.4)	0.091 (0.073-0.109)
Solomon Islands	2224.6 (1625.5-2979.4)	5191.7 (3867.3-6770.9)	1.334	3452.9 (2549.5-4464.4)	3635.7 (2737.7-4757.9)	0.188 (0.173-0.204)
Somalia	20720.1 (15189.6-28279.9)	49152.7 (35642-66086.3)	1.372	2260.6 (1664.7-3014.8)	2279.6 (1663.8-3057.8)	0.004 (-0.008-0.016)
South Africa	255000.6 (190622-342352.9)	600713.2 (445717.3-820853.9)	1.356	3105.1 (2335.9-4129.1)	3200.1 (2390.5-4236)	0.093 (0.07-0.116)
South Sudan	33526.1 (24612.8-45869.6)	41238.1 (30259.2-54802.1)	0.230	2266 (1687.6-3031.8)	2272 (1673.6-2985.6)	-0.011 (-0.032-0.01)
Spain	294006.9 (212319.5-392473.9)	657376.2 (474662.9-885517.3)	1.236	1196.4 (867.9-1582.3)	1562.8 (1133.6-2126.2)	0.523 (0.377-0.67)
Sri Lanka	205194.4 (151497.4-270526)	524082.6 (389333.3-684312.3)	1.554	4033.2 (3013.8-5190.5)	4239.4 (3173.4-5473.7)	0.16 (0.145-0.174)
Sudan	95317.9 (71018.9-127679)	209955.2 (154928.5-280613.2)	1.203	2036.9 (1547.3-2702.7)	2143 (1581.3-2851.2)	0.126 (0.112-0.14)
Suriname	3402.7 (2509.8-4533.6)	8885.8 (6540-11849.4)	1.611	2923.1 (2161.9-3841.5)	3142.5 (2332.6-4138.2)	0.284 (0.258-0.309)
Sweden	155358.6 (112090-210291)	206521.6 (149993-274307.2)	0.329	2288.8 (1655.5-3090.2)	2029.5 (1458.7-2700.2)	-0.125 (-0.221--0.028)
Switzerland	208247.8 (188762-229734.8)	407333.7 (372189.8-446497.2)	0.956	4726 (4284.2-5211.5)	4899.1 (4458.3-5389.6)	0.12 (0.114-0.125)
Syrian Arab Republic	52387.4 (39579-69079.6)	143354.3 (105312.1-192960.3)	1.736	2043.4 (1533.9-2695.2)	2137 (1576.6-2860.5)	0.103 (0.09-0.116)
Taiwan (Province of China)	301960.8 (227814.2-402224.1)	807881.5 (643271.2-1012256.5)	1.675	3905.8 (2994.4-4970.4)	4038.1 (3233.9-5014.7)	0.091 (0.086-0.097)
Tajikistan	29882.7 (21982.2-39388.1)	72470.1 (54159.4-97250.1)	1.425	2738.5 (2036.2-3545.1)	2819.8 (2117.7-3660.7)	0.09 (0.07-0.111)
Thailand	595308.5 (443360.2-772281.6)	2060302.4 (1539615.9-2676246.2)	2.461	3970.5 (2976.8-5077)	4075.5 (3070.5-5256.3)	0.017 (-0.008-0.042)
Timor-Leste	4615.3 (3469.7-6086.5)	17192.3 (12656.7-22317.4)	2.725	3953.3 (2992.9-5105.3)	4109.2 (3066.2-5290.3)	0.081 (0.066-0.097)
Togo	11116.9 (8269.3-14964.7)	31413.3 (23077.8-43269.7)	1.826	2070.8 (1543.7-2745.9)	2114.6 (1560.1-2814.8)	0.029 (0.016-0.041)
Tokelau	23 (17-30.3)	25.9 (19.7-33)	0.126	3490.7 (2599.2-4486)	3640.5 (2772-4642.6)	0.162 (0.146-0.177)
Tonga	873.5 (655-1128.5)	1286.6 (958.5-1663)	0.473	3489.3 (2643.4-4457.4)	3630.1 (2699.8-4692.4)	0.138 (0.122-0.154)
Trinidad and Tobago	11905.8 (8632.2-15967.3)	30301.7 (21622.8-40605.6)	1.545	3023.5 (2221.7-4027.9)	3166.1 (2283.8-4180.1)	0.163 (0.143-0.183)
Tunisia	52902.8 (38334.1-72952.7)	139898.8 (102186.8-183814)	1.644	2055.6 (1515.2-2772.2)	2155 (1592.3-2806.2)	0.139 (0.127-0.15)
Turkey	312290.1 (236209-419879.4)	917721.8 (669393.6-1220309.8)	1.939	2036.9 (1547.3-2702.7)	2091 (1536.6-2758.1)	0.112 (0.093-0.131)
Turkmenistan	19316.8 (14204.7-25545.7)	44918.6 (33036.1-58844.5)	1.325	2738.5 (2036.2-3545.1)	2793.3 (2101.5-3615.5)	0.067 (0.046-0.088)
Tuvalu	91.5 (66.5-121.3)	164.1 (122.3-217.3)	0.793	3485.3 (2605-4498.6)	3670.4 (2770.1-4736.5)	0.177 (0.162-0.193)
Uganda	66941.3 (49020.9-90922.7)	132363 (97400.5-179665.9)	0.977	2274.2 (1688.9-3029.5)	2299.3 (1699.1-3071.7)	-0.006 (-0.021-0.01)
Ukraine	1577266 (1203461.3-2053064.9)	1898402.2 (1436886.8-2419132.9)	0.204	6330.8 (4896.4-7974)	6314.2 (4833.2-7938.9)	-0.005 (-0.025-0.015)
United Arab Emirates	4436.5 (3263.1-5835.1)	65714.6 (47701.4-89839)	13.812	2114.2 (1569-2832.3)	2232.8 (1642.7-2962.4)	0.154 (0.134-0.174)
United Kingdom	950827.1 (782881.2-1163655.1)	1520037.5 (1264893.9-1824195.1)	0.599	2412.9 (1992.6-2935.9)	2496.1 (2089.5-2993.2)	0.313 (0.252-0.373)
United Republic of Tanzania	114014.5 (83342.1-153798.8)	256867.8 (189349-344455.2)	1.253	2247.3 (1677.3-2991.1)	2271.7 (1678.9-3036.7)	0.014 (0.001-0.028)
United States of America	2476237.2 (2024269.6-3030861)	4930328.7 (4358829.1-5584989)	0.991	1840.2 (1508.8-2218.6)	1818 (1616.2-2037.1)	0.243 (0.167-0.319)
United States Virgin Islands	1054.7 (769.6-1399.2)	2853.7 (2095.2-3796)	1.706	2886 (2129-3760.7)	3082.6 (2291.7-4071.9)	0.242 (0.219-0.266)
Uruguay	21187.2 (15389.5-28476.3)	29949.4 (22020-40113.9)	0.414	1209.8 (893.6-1614.8)	1283.8 (943.9-1720.1)	0.27 (0.21-0.33)
Uzbekistan	118166.8 (86278.7-154640.4)	308225.3 (227530.9-405360.1)	1.608	2726.2 (2029.6-3550)	2817.3 (2109.3-3686.6)	0.088 (0.07-0.105)
Vanuatu	993.6 (735.8-1317.2)	2636.6 (1940-3447)	1.654	3476.8 (2608.2-4469.5)	3620.8 (2687.3-4651.4)	0.16 (0.138-0.182)
Venezuela (Bolivarian Republic of)	179784.7 (133252.4-232718)	618816.3 (455389-809864.2)	2.442	4321.4 (3214.3-5580.8)	4546.8 (3383.5-5881.6)	0.172 (0.156-0.188)
Viet Nam	694754.3 (520018.3-912486.4)	1969440.3 (1498748-2482839.1)	1.835	4270.2 (3220.7-5510.4)	4779.7 (3723.1-5937.8)	0.184 (0.124-0.245)
Yemen	43194.6 (31387.7-59020.4)	131047 (96856.3-175004.8)	2.034	2021 (1464.2-2663.2)	2079 (1543.8-2749.7)	0.074 (0.065-0.083)
Zambia	31282.5 (23029.1-41755.8)	65807 (48402.4-88914)	1.104	2261.7 (1685.6-3006.6)	2283.2 (1689.8-3034.8)	0.003 (-0.007-0.013)
Zimbabwe	53964.9 (39326.5-74507.2)	77405.3 (57771.9-104992.7)	0.434	2834.5 (2102.6-3821.3)	2946 (2193.9-3897.7)	0.113 (0.1-0.126)

Table S5. The incidence of benign prostatic hyperplasia cases and rates in 1990 and 2021 across 204 countries, and the trends from 1990 to 2021

location	Incident cases			Incident rates		
	1990 (95% UI)	2021 (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Afghanistan	9334.7 (6981-12194.7)	10304.4 (7968-13176.7)	0.104	238.4 (180.6-307)	249.8 (191.5-322.8)	0.135 (0.125-0.145)
Albania	3610.6 (2741.7-4666.2)	8136.3 (6033-10389.7)	1.253	348 (264.3-441.9)	366 (277.4-461.7)	0.025 (-0.043-0.093)
Algeria	14960.7 (11158.4-19312.3)	47210.6 (35630.8-61988.5)	2.156	236.5 (178.3-302.6)	248.8 (189-326.8)	0.123 (0.108-0.139)
American Samoa	49.2 (37.4-62.8)	116.5 (89.4-148.4)	1.368	441.9 (342.3-556.6)	467.7 (362.2-585.4)	0.187 (0.164-0.21)
Andorra	55.4 (41.2-72.3)	146.5 (108.2-190.4)	1.644	177.9 (133-231.1)	182.8 (136.7-237.5)	0.43 (0.295-0.564)
Angola	4898.5 (3699.1-6516.5)	13892.4 (10385.7-18483)	1.836	240.6 (181.5-312.8)	246.8 (187.5-323.2)	0.044 (0.029-0.058)
Antigua and Barbuda	78.4 (59-99.9)	199.6 (150.2-259.1)	1.546	343.8 (260.3-438.2)	364.8 (274.7-471.4)	0.234 (0.213-0.255)
Argentina	21671.8 (16377-28287.5)	38439.7 (28819.7-50318.1)	0.774	144.3 (110.7-187)	153.5 (115.8-200.5)	0.304 (0.203-0.406)
Armenia	3900.6 (2887.8-5138.3)	6414.8 (4781.7-8434.2)	0.645	323.3 (242.3-413)	329.2 (248.9-421.5)	0.037 (0.002-0.071)
Australia	21201.8 (15489.1-28639.2)	49106.8 (35831.6-65747.6)	1.316	226.2 (166.9-302.6)	235.4 (173-311.3)	0.188 (0.101-0.274)
Austria	16812 (12347.6-21454.9)	34291.7 (29269.7-39707.5)	1.040	364.2 (267.4-464.3)	452.5 (388.7-519.7)	0.722 (0.613-0.831)
Azerbaijan	6745.1 (4958.3-8919)	16476.6 (12257-21806.9)	1.443	322.9 (242.4-414.7)	328.7 (248-421.6)	0.046 (0.017-0.075)
Bahamas	231 (173.4-299.3)	714.8 (537.1-935.3)	2.094	344.2 (256.7-449.4)	362 (274.6-474.2)	0.204 (0.18-0.227)
Bahrain	251.8 (189.8-327)	1795.9 (1352.6-2369.5)	6.132	245.1 (184.3-314.2)	264 (199.9-339.4)	0.196 (0.18-0.211)
Bangladesh	81028.7 (62184.2-103067.7)	238491.7 (181826.5-303152.8)	1.943	313.8 (238.2-401)	324.7 (248.7-411.2)	0.116 (0.109-0.123)
Barbados	403 (301.2-515.5)	892.6 (668-1151.6)	1.215	344.2 (258.6-443.2)	361.7 (272.8-462.1)	0.204 (0.182-0.226)
Belarus	32160.5 (25001.3-40761.2)	41918.8 (32218.2-53312.1)	0.303	625.1 (497.4-769.7)	624.5 (491.3-773.5)	-0.026 (-0.053-0)
Belgium	27188.5 (17375-34714.2)	40793.6 (27377-51134.7)	0.500	398 (257.8-505.3)	411.2 (276-515.9)	0.438 (0.294-0.581)
Belize	156.9 (117.8-201.5)	552 (417.2-718.3)	2.518	337.8 (253.5-432.7)	357.8 (270.8-463.9)	0.239 (0.21-0.267)
Benin	2300.6 (1758.1-3011.1)	6128.2 (4626.2-7947.2)	1.664	239.9 (183.6-312.9)	245.3 (185.7-316.7)	0.046 (0.03-0.063)
Bermuda	95.6 (71.5-124.1)	218.3 (163.8-284.5)	1.283	338 (252.7-437.8)	354.1 (266.5-462.3)	0.188 (0.166-0.209)
Bhutan	401.7 (302-526.8)	1018.5 (786.3-1298.2)	1.535	313.5 (237.4-402)	327.4 (253.2-418.5)	0.135 (0.124-0.145)
Bolivia (Plurinational State of)	4913.9 (3691.6-6370)	15381.1 (11423.8-19733.4)	2.130	321.3 (240-413)	340.5 (251.5-433.1)	0.215 (0.195-0.235)
Bosnia and Herzegovina	6451.8 (4897.3-8354.7)	10970.9 (8165.9-14163.1)	0.700	352.6 (268.1-453.2)	379.1 (286.3-483.7)	0.117 (0.05-0.183)
Botswana	986.2 (762.3-1257.2)	2631 (2031.1-3304)	1.668	361 (282.6-452.9)	370.3 (293.3-465.3)	0.091 (0.075-0.108)
Brazil	115155.5 (94099.3-140514.4)	261668.7 (215585.7-322859.9)	1.272	266.9 (217.9-325.8)	221.8 (182.5-272.2)	-0.259 (-0.375--0.142)
Brunei Darussalam	67.2 (48.8-89.2)	259.3 (185.9-345.3)	2.859	131.2 (95.4-176.3)	137.1 (100.2-181.2)	0.159 (0.104-0.214)
Bulgaria	21833.4 (16379.1-27952.7)	23077.5 (17530-29151.4)	0.057	351.2 (268.1-443.7)	371.6 (285.5-471.2)	0.039 (-0.032-0.111)
Burkina Faso	5249.9 (3975.8-6975.3)	11091.8 (8431-14396.3)	1.113	240.6 (184.1-313.5)	245 (187-320.3)	0.038 (0.033-0.043)
Burundi	2780.7 (2131.3-3645.8)	7020 (5260.8-9166.6)	1.525	261.5 (200.7-341.9)	261.6 (197.8-337.9)	-0.026 (-0.045--0.008)
Cabo Verde	229.6 (171.8-292.7)	498.4 (375.6-649.7)	1.171	239.7 (180.9-302.8)	247.1 (188.6-314.9)	0.071 (0.057-0.086)
Cambodia	8952.6 (6838.6-11419.5)	25697.9 (19567.8-32533.5)	1.870	452 (349.2-572.8)	465.1 (354.4-581.9)	0.069 (0.052-0.086)
Cameroon	5437.7 (4095.4-7086.1)	15575.5 (11716.4-20191.5)	1.864	239.4 (180.1-310.1)	244.5 (184-315.7)	0.044 (0.036-0.052)
Canada	29507.8 (22227.2-37845.6)	68978.8 (52160.5-89675.8)	1.338	201.6 (152.5-258.5)	212 (159.8-272.6)	0.308 (0.183-0.432)
Central African Republic	1361.6 (996.7-1800.2)	2667.8 (1998.4-3565.8)	0.959	242.1 (182.3-316)	247.6 (189.6-321)	0.031 (0.016-0.045)
Chad	3355.5 (2489.6-4409.4)	7956.5 (6078.3-10487.6)	1.371	240.4 (180.2-313)	244.8 (186.5-318.7)	0.026 (0.015-0.038)
Chile	8225.7 (6182.9-10596.3)	22667.4 (16973.2-29227.6)	1.756	176.7 (132.9-226.9)	189.2 (143-242)	0.327 (0.228-0.426)
China	1460426.5 (1081231.2-1887287.7)	3244457.9 (2482942.7-4059868)	1.222	363.1 (274.3-462.1)	299.1 (233.3-375.2)	-0.209 (-0.36--0.059)
Colombia	41884.9 (32160.5-53575.4)	128477.8 (97434.6-164683.3)	2.067	484.9 (371.7-613.7)	503 (381.7-640.2)	0.168 (0.153-0.183)

Comoros	265.6 (199.3-345.5)	611.1 (464-780)	1.301	261.3 (196.7-335.6)	261.5 (197.7-336.3)	-0.016 (-0.031--0.001)
Congo	1195.7 (883.8-1576.6)	3478 (2614.3-4587.2)	1.909	243.1 (184.2-314.2)	247.7 (185.9-318.6)	0.024 (0.012-0.037)
Cook Islands	28.7 (21.6-36.6)	59 (44.8-74.8)	1.056	426.6 (324.8-539.8)	442.3 (338.2-558)	0.132 (0.115-0.149)
Costa Rica	4024.9 (3080-5120.6)	13198.6 (10065.3-17112.7)	2.279	482.1 (368.1-612.9)	506.5 (389-652.1)	0.205 (0.189-0.221)
Côte d'Ivoire	5408.4 (4099.2-7256.6)	15141.8 (11439.7-19404.5)	1.800	239.9 (183.6-312.9)	244.7 (184.1-311.8)	0.039 (0.027-0.051)
Croatia	10552.4 (8877.9-12352.9)	14453 (11602.8-17411.4)	0.370	389.2 (324.9-453.4)	369.3 (302.1-441.8)	-0.042 (-0.087-0.003)
Cuba	17345.1 (13026.3-22453.9)	33253.4 (25298.2-42950.1)	0.917	344.4 (259.5-449.9)	360.6 (271-464.9)	0.194 (0.171-0.218)
Cyprus	746.3 (583.3-927.4)	1824.4 (1433.3-2225.6)	1.445	181.8 (143.6-225.5)	182.2 (145.5-219.8)	0.246 (0.138-0.355)
Czechia	25632.9 (19938.1-31450.5)	44227.6 (34924.8-53921.4)	0.725	431.5 (339.4-524.8)	469.2 (373.6-570.9)	0.141 (0.085-0.197)
Democratic People's Republic of Korea	22835.7 (17252.8-29438.4)	54793.2 (41596.7-70005)	1.399	399.7 (304.3-516.1)	407.6 (310-511.6)	0.079 (0.068-0.091)
Democratic Republic of the Congo	18484.7 (13819.6-24357.1)	44129.7 (32717-58316.9)	1.387	242 (182.7-315.5)	245.9 (185.9-321.5)	0.028 (0.014-0.042)
Denmark	6552.9 (4581.3-9174.1)	10111.7 (7072.1-13858.1)	0.543	189.7 (134.2-265.9)	194 (136.2-267.4)	0.471 (0.315-0.628)
Djibouti	190.4 (141.4-249.8)	993 (738.5-1275.2)	4.215	260.3 (196.2-333.3)	263.1 (198.2-338)	0.004 (-0.013-0.022)
Dominica	81.4 (61-106.1)	168.1 (127.2-216.7)	1.065	344 (259.5-445.8)	369.2 (282.9-472.5)	0.279 (0.253-0.306)
Dominican Republic	6175.3 (4677.2-8027)	16980.1 (12955-21599.8)	1.750	334.9 (251.4-432.6)	352.2 (268.5-447.8)	0.221 (0.192-0.251)
Ecuador	8942.7 (6842.6-11626.4)	27022.5 (20224.9-34708)	2.022	345.6 (264.1-447.7)	341.3 (255.1-437.7)	0.084 (-0.001-0.169)
Egypt	33595.3 (25383.9-43811.4)	90032.7 (67175.5-119649.1)	1.680	233.9 (178.6-303)	245.6 (182.8-322.4)	0.122 (0.107-0.138)
El Salvador	6563.4 (5015.2-8384.6)	12602.1 (9708.6-15942)	0.920	478.6 (366.1-610.4)	506.4 (388.6-642.5)	0.23 (0.21-0.251)
Equatorial Guinea	221.1 (163.7-291.7)	549.7 (418.8-714.7)	1.486	241.3 (182.3-312.7)	247.6 (189.6-321)	0.044 (0.033-0.056)
Eritrea	1316.7 (990.4-1744.1)	3156.1 (2361.7-4121.5)	1.397	259.8 (198.1-336.1)	262.6 (197-338)	-0.003 (-0.018-0.012)
Estonia	4971.9 (3875.2-6180.5)	6342.1 (4961.8-7811.4)	0.276	626.5 (496.3-771.7)	629.1 (496.3-775.6)	-0.001 (-0.029-0.027)
Eswatini	424.3 (319.5-563.9)	785.8 (592.2-1031.9)	0.852	313.8 (237.6-402.8)	323.5 (246.1-421.2)	0.095 (0.08-0.11)
Ethiopia	30529.7 (23089.3-40267.9)	61381.1 (46798.6-77878.9)	1.011	277.6 (212-354.1)	277.4 (210.2-356.5)	-0.031 (-0.051--0.01)
Fiji	729.7 (557-919.1)	1713.6 (1297.3-2202.8)	1.348	432 (330.5-545.1)	454.7 (347.9-568.3)	0.171 (0.158-0.184)
Finland	12019.1 (10099.3-14051.7)	22041.7 (18528.6-25722.6)	0.834	404.8 (341.2-472.3)	410.9 (349.6-473.3)	0.338 (0.23-0.446)
France	61894.3 (45612.1-82039.2)	102027.1 (74931.1-136394.3)	0.648	176.9 (131-234.1)	180.7 (134.8-238.2)	0.399 (0.267-0.531)
Gabon	649.4 (493.2-846.8)	1362.1 (998.6-1806.3)	1.097	242.4 (186-312.8)	248.6 (188.9-322)	0.055 (0.042-0.069)
Gambia	465.7 (350.4-610)	1178.2 (886.4-1530.6)	1.530	239.7 (181.3-309.4)	243.8 (183.8-318.3)	0.037 (0.024-0.049)
Georgia	8972.6 (6766.3-11617.9)	9501.8 (7856.6-11289.4)	0.059	345.7 (265.7-438.8)	375.5 (313.4-442.2)	0.118 (0.058-0.178)
Germany	91739.1 (67626.3-118850.9)	150393 (111507.4-197666.4)	0.639	181.1 (133.8-234.2)	188.3 (140.1-245.2)	0.473 (0.34-0.606)
Ghana	7562.8 (5673-9839.4)	18965.6 (14437.8-24645.3)	1.508	241.3 (181.7-311.1)	245.8 (185.7-314.6)	0.052 (0.044-0.06)
Greece	12844.9 (9494.4-16892.2)	18134.4 (14076.3-22644.5)	0.412	178.1 (131.6-233.8)	197.1 (153.9-245.2)	0.385 (0.243-0.526)
Greenland	36.4 (27-47.6)	89 (65.5-118.2)	1.445	200 (151.6-253.3)	213.4 (161-270.3)	0.349 (0.227-0.472)
Grenada	101.1 (77.2-128.2)	224.9 (169.3-293)	1.225	344.7 (262.1-440.3)	367.3 (276.8-471.8)	0.242 (0.215-0.269)
Guam	163.7 (122.6-212.9)	445.7 (336.6-575.9)	1.723	418.3 (323.2-524.3)	427.8 (326.7-539.6)	0.082 (0.062-0.103)
Guatemala	8739.6 (6563-11290.5)	26464 (20486.3-33925.7)	2.028	482.2 (363.9-613.3)	509.9 (393.5-649.5)	0.244 (0.22-0.268)
Guinea	4123.3 (3103.9-5379.2)	7191.7 (5473.1-9411.9)	0.744	239.9 (179.8-310.7)	245.2 (187.8-319.9)	0.033 (0.019-0.047)
Guinea-Bissau	480 (362.4-619.4)	846.8 (640.5-1096.9)	0.764	239.7 (180.9-302.8)	244.8 (186.9-313.7)	0.047 (0.035-0.059)
Guyana	636.8 (478.4-811.5)	1203.4 (909-1578.8)	0.890	348.1 (263.2-441.4)	370.6 (281.1-473.3)	0.26 (0.233-0.288)
Haiti	5740.5 (4340.4-7439.8)	12842 (9673.4-16658.3)	1.237	344.6 (265.4-443.4)	364.4 (274.1-465.9)	0.237 (0.216-0.257)
Honduras	4896.2 (3753.5-6240.5)	15601.6 (11990.8-19957.2)	2.186	484.9 (369.2-618.3)	509.7 (392.1-645.4)	0.207 (0.189-0.225)
Hungary	22627.5 (17177.1-29033.6)	30489.5 (23056.2-38721.6)	0.347	354.3 (272.6-448.5)	374.1 (286.4-469.1)	0.061 (-0.01-0.131)

Iceland	227.9 (167.4-298.9)	491.7 (355.1-665.4)	1.158	173.3 (128.1-225.8)	178.3 (130.1-237.4)	0.484 (0.335-0.634)
India	973188.1 (741951.3-1239129.1)	2620431.9 (2015176.7-3300153.5)	1.693	385.6 (298-484.4)	432.8 (335.7-540.3)	0.221 (0.172-0.27)
Indonesia	289821.9 (228592.4-358637.5)	561944.7 (442350.3-702874.1)	0.939	579.9 (464-701.9)	437 (346-538.5)	-0.361 (-0.573--0.148)
Iran (Islamic Republic of)	37823.3 (28296.1-50481.7)	103524.7 (78935.7-132524.8)	1.737	251.2 (191-322.4)	261.8 (198.9-333.8)	0.112 (0.099-0.126)
Iraq	9078.9 (6893.5-11699.1)	31152 (23500.4-41238.8)	2.431	239.8 (182.1-311.8)	250.6 (190.2-325.5)	0.09 (0.072-0.107)
Ireland	3355.2 (2497.2-4473.2)	6777.6 (5031.1-8933.6)	1.020	176.2 (131.1-232)	182.7 (136.1-239.5)	0.465 (0.331-0.599)
Israel	3903.9 (2905-5191.5)	10120.1 (7379.7-13213.1)	1.592	178.3 (133.4-236)	184.1 (136.5-242.6)	0.44 (0.307-0.574)
Italy	135567.4 (109639.1-166954.4)	178783.8 (148581.1-211799.1)	0.319	346.6 (283.4-423.7)	329.8 (277.8-387.4)	0.069 (-0.048-0.187)
Jamaica	2785.8 (2096.1-3571.7)	5482.5 (4122.7-7122.1)	0.968	340.4 (256.3-434.1)	362.9 (271.8-469.6)	0.263 (0.239-0.288)
Japan	124251.5 (94491.9-161999.9)	186052.4 (144889.9-239686.6)	0.497	155 (117.6-202.4)	144.2 (112.7-184.9)	-0.031 (-0.141-0.079)
Jordan	1696 (1257.3-2215.1)	11780.7 (8986.4-14993.1)	5.946	239.8 (181.2-305.1)	277.6 (213.8-349.3)	0.211 (0.125-0.298)
Kazakhstan	15795.9 (11888.7-20977)	26297.3 (19878.1-34885.2)	0.665	323.8 (248.1-413.3)	331.5 (255.7-424.6)	0.042 (0.013-0.072)
Kenya	13349.4 (10174.1-17026.9)	37604.6 (28582.3-48597.8)	1.817	326.7 (249.4-415.6)	328.7 (250.6-417.6)	-0.011 (-0.022-0)
Kiribati	68.1 (50.2-87.4)	136 (102.1-173.7)	0.997	428.1 (325.9-538.3)	445.4 (339.8-551)	0.137 (0.123-0.151)
Kuwait	939.4 (714-1236.8)	4641.7 (3509.2-6111.3)	3.941	241.6 (183-312.8)	253.6 (191.3-331.4)	0.105 (0.083-0.128)
Kyrgyzstan	3384.4 (2587.2-4366.8)	6254.1 (4739.1-8171.4)	0.848	284.9 (215.7-363.5)	286.1 (219.1-359.7)	-0.019 (-0.06-0.023)
Lao People's Democratic Republic	4734.8 (3607-6069.8)	10906.4 (8262.3-13810.1)	1.303	455.5 (350.6-569.3)	466.9 (357.4-582.9)	0.076 (0.058-0.093)
Latvia	8564.5 (6810.9-10526.4)	9139.5 (7151-11292.1)	0.067	626.4 (492.6-764.4)	628.1 (492.6-769.1)	0.008 (-0.017-0.034)
Lebanon	2695.6 (1999.5-3611.8)	6453.8 (4935.9-8220.6)	1.394	238.5 (178.7-312.6)	249.3 (189.4-323.1)	0.113 (0.1-0.125)
Lesotho	1006.7 (758-1306.7)	1453.1 (1099.4-1905)	0.443	311.7 (237.7-399.5)	322.9 (246.3-413.5)	0.091 (0.077-0.105)
Liberia	1552.9 (1162-2038.9)	2778.5 (2075.8-3582.1)	0.789	241.9 (182.4-315)	246.8 (184.9-321.7)	0.059 (0.049-0.069)
Libya	2419.3 (1806.5-3124.3)	6852.2 (5163.3-8770.3)	1.832	238.9 (179.7-308.8)	253.2 (189-329.9)	0.161 (0.151-0.17)
Lithuania	12491.9 (10478.2-14445.5)	14856.8 (12423-17467)	0.189	687.4 (573.5-803.3)	691.4 (580.1-813.8)	0.004 (-0.027-0.034)
Luxembourg	441.6 (333-577.4)	1006.1 (756.6-1330.1)	1.278	187 (141.6-242.9)	199.3 (150.4-262.6)	0.599 (0.448-0.751)
Madagascar	6908.5 (5171.6-9012.4)	15157.3 (11265.3-20073.5)	1.194	260.5 (195.8-335.4)	261.5 (199.1-342.3)	-0.015 (-0.027--0.003)
Malawi	4905.4 (3718-6434.8)	9056.3 (6843.4-11690.7)	0.846	261.6 (199.3-337.6)	263.7 (198.2-341.1)	0.013 (-0.001-0.026)
Malaysia	20359.6 (15843.1-25593.4)	69740.6 (53463.3-89335.5)	2.425	459.7 (356.8-579.6)	469.8 (362.8-596.2)	0.043 (0.026-0.061)
Maldives	252.7 (192.1-328)	858.1 (657.5-1083.9)	2.396	454.1 (347.5-572.6)	462.1 (352.2-586.6)	0.032 (0.019-0.045)
Mali	5108.3 (3840.4-6765.8)	11565.2 (8707.3-15097.5)	1.264	240.6 (180.8-315.8)	243.7 (183.7-315.8)	0.02 (0.009-0.031)
Malta	481.8 (384.7-577)	1055.6 (827.5-1282)	1.191	244 (195.1-290.5)	248.2 (196.8-296.6)	0.343 (0.223-0.463)
Marshall Islands	33.9 (25.6-43.1)	83.7 (63.9-107.4)	1.469	438.5 (337.4-555.3)	468.3 (364.1-584.9)	0.208 (0.191-0.225)
Mauritania	1175.4 (878.5-1517.3)	2688 (2039.2-3510.9)	1.287	239.2 (181-307.5)	242.2 (182.6-314.7)	0.001 (-0.015-0.018)
Mauritius	1616.4 (1205-2055.9)	4523.1 (3446.6-5718)	1.798	462.8 (352.6-576.5)	483.6 (375.1-601.4)	0.148 (0.129-0.168)
Mexico	110818.1 (90693.2-133133.2)	328139.2 (269502.1-393147.3)	1.961	539.1 (438.6-648.3)	538.1 (441.4-644.1)	0.112 (0.068-0.157)
Micronesia (Federated States of)	101.2 (76.4-129.1)	160.4 (119.3-212)	0.585	422.7 (326.6-531.2)	442.4 (338.3-559.2)	0.174 (0.149-0.199)
Monaco	49.7 (36.5-66.2)	74.7 (55.2-98.6)	0.503	177.2 (130.9-235.1)	182.8 (136.7-237.5)	0.443 (0.307-0.58)
Mongolia	1541.4 (1182.3-1971.3)	3282.1 (2478.4-4240.7)	1.129	316.7 (242.8-401)	320.1 (243.2-409.5)	0.013 (-0.02-0.046)
Montenegro	989.8 (744.3-1260.9)	1791 (1358.4-2278)	0.809	355 (267.9-451.1)	375.6 (287.9-467.9)	0.061 (-0.007-0.128)
Morocco	16952.8 (12596.2-22061.2)	44904.7 (33152.3-58967.9)	1.649	235.6 (174.9-306.1)	247.8 (185.4-322.8)	0.131 (0.123-0.14)
Mozambique	7817.2 (5929.7-10182.3)	13719.9 (10349.5-17779.6)	0.755	260.4 (199.2-338.5)	262.7 (200.1-339.3)	0.015 (0-0.03)
Myanmar	51732.1 (39567.9-65596.1)	104605.9 (78854.8-134627.3)	1.022	456.6 (350.8-571.7)	464.5 (358.9-581.7)	0.052 (0.043-0.062)
Namibia	991.7 (740-1316.8)	2011.6 (1509.4-2624.6)	1.028	312.7 (237.8-407.7)	322.4 (241.8-413.6)	0.057 (0.04-0.074)

Nauru	10.6 (8.1-13.6)	10.8 (8.2-13.8)	0.019	421.7 (323.3-534.3)	438.7 (336.6-553.7)	0.125 (0.105-0.145)
Nepal	14378.7 (11153-18285.6)	31530 (25150.7-39161.3)	1.193	282.5 (222.2-356.9)	271 (217.9-335)	0.042 (-0.028-0.112)
Netherlands	15599.7 (11515.9-20435.6)	29287.3 (21444.3-38689.2)	0.877	178.3 (132.2-234.4)	181.4 (134-235.6)	0.387 (0.255-0.52)
New Zealand	5466.9 (4297.8-6786)	10341.9 (8473.3-12643)	0.892	294.3 (234-363)	256.1 (211-310.7)	-0.269 (-0.425--0.113)
Nicaragua	3526.2 (2674.5-4566.7)	11396 (8812.1-14610.3)	2.232	483.6 (367.5-614.7)	507.9 (390.6-645)	0.21 (0.192-0.227)
Niger	3661.8 (2738.4-4748.2)	10149.4 (7611.7-13076.2)	1.772	238.8 (180.8-309.1)	241.3 (182.4-312.8)	0.02 (0.005-0.034)
Nigeria	62344.4 (47071.4-80638.9)	110952.9 (84347.4-141459.9)	0.780	256.3 (194.8-329.8)	258.4 (196.4-330.7)	-0.011 (-0.026-0.004)
Niue	4.1 (3.1-5.1)	4.8 (3.6-6.1)	0.171	432.8 (333.1-539.9)	457 (350.5-567)	0.188 (0.173-0.202)
North Macedonia	3256.2 (2466.3-4215.8)	6602.7 (4971.1-8471)	1.028	354.2 (268.1-454)	378.5 (288.5-476.1)	0.09 (0.018-0.162)
Northern Mariana Islands	37.8 (29.1-47.9)	125.8 (94.9-163)	2.328	422.4 (323.6-535.8)	435.9 (335.2-546.5)	0.109 (0.095-0.122)
Norway	14475.8 (11436.1-17772.3)	23028.5 (18413.6-28254.3)	0.591	516.8 (413.9-633.6)	513.2 (411.3-626.1)	0.208 (0.12-0.297)
Oman	895.7 (671.1-1138.3)	3071.9 (2310.1-3965.9)	2.430	237.8 (181.5-303.5)	248.6 (186.9-321.3)	0.095 (0.074-0.116)
Pakistan	107810.2 (83214-138071.9)	234114.2 (179722.6-297835.7)	1.172	337.8 (259.6-429.9)	352.5 (271.6-448.3)	0.155 (0.145-0.164)
Palau	20.8 (15.8-26.2)	55.1 (41.9-69.6)	1.649	425.9 (325.7-531.4)	446.3 (344.8-552.4)	0.16 (0.146-0.174)
Palestine	950.9 (718.2-1257.2)	3337.2 (2527.9-4312.5)	2.510	238.6 (180.6-312.5)	249.1 (191-317.7)	0.127 (0.118-0.137)
Panama	3624.1 (2761.6-4653.9)	10921.7 (8323.7-13972.9)	2.014	482.7 (366.9-619.4)	507.9 (386.2-647.7)	0.203 (0.185-0.222)
Papua New Guinea	3912.2 (2965-5057.6)	11424.9 (8738.3-14507.2)	1.920	421.7 (319.8-527.5)	434.9 (331.4-543.2)	0.107 (0.09-0.125)
Paraguay	2733.3 (2029.6-3548.4)	7710.3 (5741.1-10110.8)	1.821	258 (190.1-335.3)	268.2 (199.6-350.6)	0.14 (0.124-0.157)
Peru	18558.2 (13946.7-24348.2)	54066 (40917.9-68940.2)	1.913	318.8 (239.7-418.6)	336.5 (254.7-429.8)	0.218 (0.193-0.242)
Philippines	69577.7 (53478.3-86989.4)	199954.6 (153505.5-251832.3)	1.874	483.5 (375.3-602.1)	495.5 (387.5-616.7)	0.02 (-0.004-0.044)
Poland	97137 (74128.9-123055.3)	98687.4 (80104.9-118339)	0.016	506.9 (390.3-632.6)	311.5 (259.2-368.8)	-0.789 (-1.156--0.42)
Portugal	11727.9 (8688.3-15732.2)	17967.4 (13461-23534.8)	0.532	181.5 (135.4-241)	187 (139.9-244.9)	0.457 (0.317-0.598)
Puerto Rico	5899.3 (4387-7609.1)	10884.2 (8311.5-13985.3)	0.845	347.2 (259.7-447.6)	366.7 (280.3-466.3)	0.234 (0.202-0.267)
Qatar	209.7 (155.3-277.3)	2241.8 (1677.6-3026.7)	9.691	247.1 (186-320)	268.8 (205.4-346.1)	0.249 (0.22-0.279)
Republic of Korea	16483.6 (11827-22165)	60538.1 (43742.1-84041.4)	2.673	122.5 (88.9-162.5)	126.9 (92.5-175.6)	0.133 (0.077-0.189)
Republic of Moldova	12255.8 (9573.8-15440.4)	16204.1 (12571.3-19941.7)	0.322	630 (496.7-773.4)	630.2 (494.8-767.8)	-0.021 (-0.048-0.006)
Romania	55937.8 (44885.1-66930.4)	71969.1 (57156.9-86839.9)	0.287	422.3 (340.4-503)	444.2 (359-529.6)	0.046 (-0.01-0.103)
Russian Federation	462146.2 (358710.5-581991.7)	661682.3 (515892.6-812023.6)	0.432	665.4 (529.4-800.1)	663.1 (527.2-795.4)	-0.021 (-0.048-0.005)
Rwanda	3424.6 (2569.7-4569.3)	7422.4 (5572.2-9842.6)	1.167	260.7 (197.6-339.4)	260.9 (197.2-340.6)	-0.012 (-0.025-0.001)
Saint Kitts and Nevis	60.6 (44.5-80)	138.3 (101.8-182.7)	1.282	347.1 (259.2-449.4)	364.8 (274.7-471.4)	0.192 (0.174-0.21)
Saint Lucia	142.2 (106.8-183.2)	450.4 (342.3-574.8)	2.167	352.7 (266.6-449.2)	373.4 (283.1-476.9)	0.231 (0.209-0.253)
Saint Vincent and the Grenadines	113.6 (85.8-146.8)	290.8 (220-376.3)	1.560	348 (264.7-452.7)	369.5 (280.2-470.8)	0.228 (0.206-0.25)
Samoa	183.2 (138.6-238.6)	314.9 (240.4-401.9)	0.719	426.4 (327.1-539.7)	439.9 (337-551.4)	0.105 (0.084-0.125)
San Marino	28.6 (21.3-38)	56 (41.6-73.2)	0.958	178.4 (133.1-235.1)	183.1 (136.5-238.2)	0.43 (0.297-0.563)
Sao Tome and Principe	77.3 (57.7-101)	138.1 (104.3-183.1)	0.787	241.1 (181.9-309.4)	245.5 (187.4-316.2)	0.041 (0.034-0.049)
Saudi Arabia	8275.9 (6320.2-10689)	32033.2 (24511.5-41056.4)	2.871	240.7 (182.8-310)	253.4 (192.6-326.9)	0.154 (0.147-0.16)
Senegal	4094.9 (3093.6-5306.4)	9586.3 (7237.5-12342.4)	1.341	242.4 (183.8-310.3)	248.2 (190.1-317.3)	0.068 (0.055-0.081)
Serbia	22693.5 (18374.2-27563)	31819.5 (25691.9-38266)	0.402	391.7 (321.9-465.6)	415.8 (340.6-491.3)	0.1 (0.049-0.151)
Seychelles	116.1 (87.6-147.7)	297.3 (226.8-378.2)	1.561	457.4 (348.2-576.4)	481.6 (366.2-606)	0.143 (0.117-0.168)
Sierra Leone	2534.9 (1917.1-3244.4)	4735.8 (3603.3-6067.4)	0.868	236.5 (179.9-303)	241.3 (183.6-312.8)	0.057 (0.047-0.067)
Singapore	1331.6 (963.7-1795.8)	5948.3 (4252.9-8205)	3.467	124.8 (90.6-168.5)	127.1 (92.4-173.4)	0.086 (0.021-0.15)
Slovakia	10385.4 (8794-12212.9)	17963.4 (14947.6-21269)	0.730	390.9 (333.2-457.7)	408.8 (344.5-475.8)	0.041 (-0.004-0.087)

Slovenia	2787.5 (2343.7-3294.5)	5808.7 (4821.4-6992.2)	1.084	279.1 (235.8-329.4)	292.8 (245.7-347)	0.044 (-0.01-0.098)
Solomon Islands	319.6 (240.7-416.5)	725.5 (554.7-925)	1.270	419.5 (320.4-530.7)	438.4 (336.1-555.1)	0.15 (0.134-0.166)
Somalia	2927.7 (2192.3-3828.8)	6983.4 (5253.5-9102.3)	1.385	260.7 (197.5-339.8)	262.3 (197.1-339.9)	0.007 (-0.004-0.018)
South Africa	30241.5 (23107.5-38394.3)	72549 (55331.4-94668.9)	1.399	335.8 (256.5-423.1)	345.5 (267-438.3)	0.086 (0.065-0.107)
South Sudan	4162.6 (3101.2-5567.9)	5541.5 (4148.3-7134.4)	0.331	261.2 (196.1-339.7)	261.9 (198.8-335.1)	-0.012 (-0.033-0.009)
Spain	35758.4 (26141.6-47435.9)	70437.3 (51435.6-91861.5)	0.970	143.6 (106.9-189.9)	177.9 (129-232.5)	0.631 (0.491-0.772)
Sri Lanka	25525.6 (19393.6-32310.4)	62707.3 (48219.6-78269.3)	1.457	459 (352.4-582.5)	477.4 (366.5-589)	0.122 (0.104-0.141)
Sudan	11832.1 (8942.8-15588.9)	26672.7 (20224.2-34734.9)	1.254	236.4 (179.7-309.7)	248 (188.2-323.9)	0.11 (0.093-0.128)
Suriname	439.5 (332.7-570)	1141.4 (866.9-1477.6)	1.597	344.7 (262.1-440.3)	368.8 (279.1-473.5)	0.29 (0.256-0.324)
Sweden	16049.7 (11857.6-21094)	20146.8 (14848.9-26346.7)	0.255	256.2 (191.4-334.8)	225.8 (166.9-292.7)	0.015 (-0.136-0.166)
Switzerland	20511.4 (17821.8-23355.3)	36869.3 (32034.2-42180.5)	0.798	479.4 (418.2-542.5)	481.1 (420.2-548.6)	0.261 (0.159-0.363)
Syrian Arab Republic	6647.6 (5033.3-8838.8)	18334.4 (13818.6-24123.8)	1.758	236.7 (180.7-310.2)	247.7 (188.3-322.1)	0.095 (0.079-0.111)
Taiwan (Province of China)	42188.9 (31506.3-55094)	96580.9 (76945.9-119877.3)	1.289	467 (363.6-584.1)	468.9 (377.9-570.4)	0 (-0.015-0.015)
Tajikistan	3866.8 (2882.5-5010.6)	9838.4 (7445.5-12883.7)	1.544	322 (240.4-410.8)	330 (251.8-422.9)	0.061 (0.032-0.089)
Thailand	77395.3 (59611-97584.7)	243426.8 (185451.8-309304.9)	2.145	453.8 (348-566.6)	462.6 (355.1-585.1)	0.008 (-0.018-0.034)
Timor-Leste	645.4 (491.9-823.9)	2073.8 (1578.5-2639.5)	2.213	452.3 (348.9-568.6)	465.9 (358.6-588.8)	0.054 (0.034-0.074)
Togo	1432.1 (1086.3-1873.4)	4336.7 (3204.8-5801.6)	2.028	238.4 (181.5-310.8)	242.6 (182.5-312.9)	0.021 (0.009-0.033)
Tokelau	3 (2.2-3.8)	3.2 (2.4-4)	0.067	424.3 (321.4-533)	438.3 (338.5-552.6)	0.132 (0.114-0.15)
Tonga	117.9 (89.5-148.5)	164.4 (125-208.6)	0.394	424.3 (327.1-531.7)	438.3 (332.9-554.3)	0.104 (0.086-0.123)
Trinidad and Tobago	1454.7 (1108.5-1892.2)	3729.5 (2807.8-4806.9)	1.564	355.2 (270.8-459.9)	371.5 (279.6-473)	0.188 (0.162-0.214)
Tunisia	6532 (4876-8707.6)	17150.5 (12784.4-22612.5)	1.626	238 (180.3-312.2)	249.6 (186.8-323.9)	0.128 (0.115-0.141)
Turkey	40488.7 (30775.9-53181)	113567.1 (86408.8-146867.2)	1.805	236.4 (179.7-309.7)	242.6 (184.9-311.7)	0.109 (0.09-0.128)
Turkmenistan	2585.9 (1919.7-3370.6)	6094.2 (4621.8-7809)	1.357	322 (240.4-410.8)	326.7 (250.9-414.8)	0.038 (0.006-0.07)
Tuvalu	13.3 (9.6-17.6)	22.3 (16.8-28.8)	0.677	422.4 (319.7-538.4)	441.6 (337.1-558.2)	0.148 (0.128-0.168)
Uganda	8520.2 (6417.4-11266)	17750.6 (13441.5-23255.6)	1.083	262.2 (198.1-346.2)	264.4 (199.7-346.8)	-0.015 (-0.028--0.001)
Ukraine	188036.8 (146435.2-234504.8)	209169.4 (164180.3-255269.4)	0.112	666 (527.4-804.7)	666.5 (524.9-801)	-0.025 (-0.052-0.002)
United Arab Emirates	719.7 (538.7-930.4)	11552.6 (8504.8-15689.5)	15.052	244.4 (184.7-318.7)	258.2 (194.6-336.5)	0.142 (0.124-0.159)
United Kingdom	99431.6 (80083.5-122283.6)	141232.6 (115239.6-170143.4)	0.420	257.5 (210.7-314.3)	254.2 (210-304.5)	0.531 (0.393-0.669)
United Republic of Tanzania	14481.8 (10838.4-18935.5)	33266.8 (24985-43238)	1.297	259.6 (195.4-334.9)	261.8 (196.7-339.8)	0.008 (-0.003-0.019)
United States of America	268645.5 (220723.3-323882.8)	577896.5 (485817.8-671881.1)	1.151	200.4 (165.6-239.5)	216.8 (185.2-251.4)	0.489 (0.4-0.577)
United States Virgin Islands	139.7 (106.6-182.1)	324.2 (240.8-411.5)	1.321	341.3 (259.8-441.3)	363.6 (271.5-465.6)	0.259 (0.228-0.291)
Uruguay	2525.5 (1887.9-3293.5)	3426.2 (2566.7-4462.4)	0.357	142.6 (107.4-184.9)	151.3 (114.1-196)	0.321 (0.205-0.437)
Uzbekistan	15112.1 (11356.5-19618.3)	41987.5 (31275-55044.8)	1.778	320.1 (242.5-415.2)	330.2 (248-424.6)	0.061 (0.031-0.091)
Vanuatu	141.9 (108-182.9)	371.7 (279.7-477.9)	1.619	421.9 (321.3-530.9)	436.6 (333.3-553.2)	0.134 (0.112-0.155)
Venezuela (Bolivarian Republic of)	22113.8 (17002.9-28059.2)	75367.2 (57846.2-96743.5)	2.408	483.8 (370.9-605)	505.3 (388.3-642.9)	0.183 (0.168-0.198)
Viet Nam	85641.8 (65604.5-108127.3)	251138.1 (198151.2-307952.6)	1.932	481.1 (373-599.4)	526.8 (418.3-642.7)	0.14 (0.088-0.192)
Yemen	5866.5 (4411-7754.9)	17024.7 (12928-21930)	1.902	234.5 (178.3-305.7)	241.8 (181.4-308.4)	0.072 (0.061-0.083)
Zambia	3977.2 (2990.6-5179.1)	8975.5 (6756.6-11502.6)	1.257	260.3 (196.9-335.4)	263.5 (197-344.5)	0.012 (0-0.024)
Zimbabwe	6704.9 (4996.7-8846.7)	9995.2 (7615.7-12932.1)	0.491	312.8 (238.9-400.7)	323.9 (246.1-413.2)	0.107 (0.091-0.122)

Table S6. The DALYs of benign prostatic hyperplasia cases and rates in 1990 and 2021 across 204 countries, and the trends from 1990 to 2021

location	DALYs cases			DALYs rates		
	1990 (95% UI)	2021 (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Afghanistan	1478.2 (859.6-2310.7)	1495.8 (885.2-2360.3)	0.012	40.4 (23.7-63.6)	41.8 (24.8-65.7)	0.097 (0.089-0.105)
Albania	545.3 (324.7-855.7)	1367.6 (808.8-2090.8)	1.508	58.9 (34.7-90.8)	61.8 (36.7-94.7)	0.129 (0.106-0.152)
Algeria	2430.8 (1393.9-3937.2)	7582.6 (4520.5-11665.2)	2.119	40.7 (23.5-64.8)	42.6 (25.4-65)	0.124 (0.112-0.137)
American Samoa	6.9 (4.1-10.5)	17.3 (10.1-26.8)	1.507	72.4 (42.8-109.8)	77 (45-117.9)	0.223 (0.204-0.242)
Andorra	9.2 (5.6-14.6)	25.5 (14.9-39.8)	1.772	30.4 (18.6-47.9)	32.3 (18.9-50.4)	0.283 (0.252-0.313)
Angola	719.5 (425.1-1129.3)	2013 (1205-3153.5)	1.798	41.4 (24.4-66)	42.3 (25.3-66)	0.05 (0.038-0.061)
Antigua and Barbuda	13.7 (8.3-21.7)	31.1 (18.5-49.1)	1.270	57.9 (34.9-91.5)	61 (36.4-96.9)	0.195 (0.18-0.21)
Argentina	3534.3 (2099.9-5505.1)	6465.6 (3734-10165.3)	0.829	24.5 (14.6-38)	26 (15-40.8)	0.243 (0.196-0.29)
Armenia	591.6 (350.5-896.6)	1054.1 (622.1-1640.9)	0.782	54.7 (32.4-84.5)	56.1 (33.2-86.2)	0.087 (0.063-0.112)
Australia	3330.3 (1985.7-5330.4)	8468.2 (4960.2-13305.7)	1.543	36.8 (22-58.4)	38.4 (22.5-59.8)	0.12 (0.1-0.141)
Austria	3204.7 (1916.9-5034.5)	7465.3 (4686.7-10848.9)	1.329	69.8 (41.8-109.9)	92.2 (57.7-133.9)	0.582 (0.463-0.702)
Azerbaijan	1013.7 (601.5-1551)	2457.5 (1434.3-3831.6)	1.424	55.2 (32.6-87)	56.5 (33.9-86.9)	0.073 (0.053-0.093)
Bahamas	36.2 (21.3-58.8)	107.8 (63.8-172.9)	1.978	58.5 (34.6-94.3)	60.9 (36.8-97.7)	0.155 (0.137-0.174)
Bahrain	35.4 (21-55.1)	237.2 (138.9-373)	5.701	42 (25.2-65.2)	45.1 (26.9-69.9)	0.196 (0.18-0.212)
Bangladesh	13555.7 (7939.6-20802.2)	40943.6 (24095.9-64151.1)	2.020	55.2 (32.4-85.5)	57.4 (33.7-89.5)	0.137 (0.131-0.144)
Barbados	74.5 (44.2-117.5)	149.8 (91-236.4)	1.011	58.5 (35-91.4)	60.9 (37-95.6)	0.158 (0.139-0.177)
Belarus	5291.4 (3206.6-8072.8)	7079.6 (4268-10779.4)	0.338	116.4 (70.4-177.2)	115.4 (69.9-175.8)	-0.003 (-0.024-0.018)
Belgium	5094.5 (2643.9-7885.5)	8709.1 (4752-13130.3)	0.710	76.5 (39.7-118.4)	81.8 (44.5-123.9)	0.305 (0.26-0.349)
Belize	25.8 (15.3-40.9)	85.6 (49.8-134.8)	2.318	57.3 (34-90.8)	60.2 (35.2-94.8)	0.192 (0.174-0.211)
Benin	384.4 (224.4-603.8)	947.4 (558.3-1471.1)	1.465	41.4 (24-65)	42.5 (25.1-67.3)	0.071 (0.057-0.085)
Bermuda	15.1 (9.1-23.9)	37.3 (22.1-58.8)	1.470	57.1 (34.1-90.5)	59.4 (35-93.1)	0.145 (0.127-0.163)
Bhutan	60.9 (35.6-94.2)	172.7 (102.5-266.3)	1.836	55.3 (32.3-84.9)	58 (34.6-88.9)	0.154 (0.144-0.164)
Bolivia (Plurinational State of)	761.9 (454.8-1233.1)	2404.7 (1407.5-3818.3)	2.156	54.3 (32.1-87)	57.3 (33.5-90.4)	0.181 (0.164-0.198)
Bosnia and Herzegovina	974.8 (579.3-1526.1)	1813.5 (1067.2-2803.3)	0.860	59.4 (35.1-92.3)	63.7 (37.6-98.3)	0.219 (0.189-0.249)
Botswana	162.7 (96.7-252.8)	412.8 (246.7-628.8)	1.537	67 (40.5-104.6)	68.2 (41.1-104.4)	0.082 (0.068-0.096)
Brazil	18006.2 (11408.4-27009.5)	41588.7 (26444.5-62974.7)	1.310	45.7 (28.8-68.6)	37 (23.5-55.9)	-0.321 (-0.44--0.202)
Brunei Darussalam	9.9 (5.7-15.6)	35.5 (20.6-56.2)	2.586	21.3 (12.3-33.8)	22.1 (12.8-34.8)	0.122 (0.104-0.14)
Bulgaria	3481.6 (2098.6-5440.2)	3945.3 (2366.6-6116.3)	0.133	59.3 (35.8-92.1)	62.6 (37.1-97.1)	0.138 (0.11-0.167)
Burkina Faso	836.9 (502.6-1297.2)	1757.9 (1061.6-2767.6)	1.100	41.5 (24.9-63.9)	42.7 (26-67.3)	0.08 (0.071-0.09)
Burundi	453 (276.7-710.9)	1058.2 (628.7-1659.9)	1.336	45.3 (27.9-71.2)	45.3 (27.1-71.1)	-0.01 (-0.026-0.007)
Cabo Verde	42.3 (25-67)	77.6 (46-120.8)	0.835	42 (24.9-66.2)	43.1 (25.7-67.8)	0.069 (0.055-0.083)
Cambodia	1372.8 (818.1-2142.1)	3932.5 (2337.3-6102.5)	1.865	78.5 (46.7-121.9)	81.3 (48.5-124.8)	0.107 (0.097-0.116)
Cameroon	848.9 (509-1308.6)	2380.8 (1404.6-3618.9)	1.805	41.4 (25.1-64.5)	42.5 (25.2-64.8)	0.076 (0.066-0.086)
Canada	5001.6 (3024.7-7884.7)	12356.4 (7292.8-19111.4)	1.470	34.9 (21.1-54.6)	36.4 (21.2-56.1)	0.218 (0.176-0.259)
Central African Republic	197.1 (115.8-307.9)	366.2 (215.3-574.7)	0.858	41.1 (24.2-63.4)	42.2 (25.3-67.6)	0.059 (0.049-0.07)
Chad	562.7 (329.8-883.2)	1250.6 (733.6-1906.7)	1.222	41.6 (24.5-64.6)	42.5 (25.2-64.2)	0.05 (0.041-0.059)
Chile	1348.6 (810.3-2144.5)	3847 (2309.5-6068)	1.853	30.6 (18.5-48.1)	32.7 (19.7-51.6)	0.274 (0.235-0.312)
China	199951.3 (115453.7-307321.6)	460192.5 (270746.2-701425.3)	1.302	57.3 (33.3-88)	45.8 (27.3-69.5)	-0.256 (-0.426--0.086)
Colombia	6731.3 (4095.2-10540.4)	22129.1 (13586.9-34226.4)	2.287	85.7 (52.6-132.8)	89.8 (55.3-138)	0.16 (0.151-0.17)

Comoros	41 (24.5-65.7)	95.5 (55.9-149.3)	1.329	45 (27-71.2)	45.1 (26.5-71.4)	0.001 (-0.008-0.009)
Congo	184 (107.7-294.3)	506.4 (298.5-790.6)	1.752	41.9 (24.7-66.1)	42.8 (25.4-67.5)	0.034 (0.023-0.045)
Cook Islands	4.2 (2.5-6.5)	9.4 (5.5-14.4)	1.238	69.4 (41.6-106.6)	72.4 (42.5-110.1)	0.164 (0.153-0.176)
Costa Rica	692.3 (418.6-1079.4)	2261.7 (1367.4-3489.4)	2.267	85.9 (51.9-133)	89.9 (54.5-139.2)	0.158 (0.146-0.17)
Côte d'Ivoire	792.7 (463.9-1232.9)	2264.6 (1344.4-3494.8)	1.857	41 (24.3-63.8)	42.5 (25.1-66.5)	0.021 (-0.059-0.102)
Croatia	1532.4 (964.7-2253.4)	2415.5 (1528.7-3520.5)	0.576	64.4 (40.4-94.9)	60.5 (38-87.9)	0.148 (0.131-0.166)
Cuba	2980.6 (1787.4-4729.8)	5601.9 (3370.8-8876.9)	0.879	58.6 (35.1-92.8)	60.8 (36.5-96.5)	0.124 (0.11-0.137)
Cyprus	122.9 (76.1-184.9)	324.6 (208.2-487)	1.641	30 (18.7-44.9)	31.2 (20-46.8)	0.234 (0.211-0.257)
Czechia	4307.5 (2681.9-6453.6)	8054.4 (4901.8-12297)	0.870	75.6 (47-113)	82.3 (50.5-124.3)	0.088 (0.076-0.099)
Democratic People's Republic of Korea	3049.6 (1791.7-4819.1)	7767.6 (4472.5-12077.7)	1.547	64.5 (36.9-101.2)	66 (38.5-103.1)	0.101 (0.093-0.109)
Democratic Republic of the Congo	2806.4 (1640.8-4344)	6342.6 (3720.8-9734.5)	1.260	41.3 (24.4-64.4)	42.2 (25.2-65.7)	0.059 (0.047-0.072)
Denmark	1153.5 (640.1-1913.2)	1961.4 (1068.8-3259.4)	0.700	32.3 (17.9-53.3)	34.5 (19-56.9)	0.336 (0.287-0.385)
Djibouti	27.3 (16-42)	144.4 (84.7-226.6)	4.289	45.2 (26.8-69.5)	45.7 (27.1-70.4)	0.008 (-0.008-0.023)
Dominica	14.1 (8.5-22.3)	25.5 (15.3-41.5)	0.809	58.6 (35.5-91.6)	62.2 (37.3-99.5)	0.233 (0.214-0.252)
Dominican Republic	986 (584.1-1596.9)	2731.9 (1637.5-4324.4)	1.771	56.6 (33.6-91.9)	58.8 (35.2-93.1)	0.17 (0.145-0.194)
Ecuador	1471.6 (851.2-2370.9)	4436.3 (2594.1-7110.2)	2.015	60.2 (34.8-96.9)	57.6 (33.6-92.3)	-0.011 (-0.116-0.093)
Egypt	5114.6 (3028.2-7970.4)	13508.1 (7994.9-21427.4)	1.641	40.2 (23.9-62.7)	41.8 (25.3-66.8)	0.114 (0.102-0.125)
El Salvador	1108.3 (675.3-1762.6)	2300.6 (1400.3-3593.9)	1.076	84.5 (51.2-133.7)	89.7 (54.9-141.2)	0.225 (0.216-0.234)
Equatorial Guinea	33.1 (19.4-53)	81.7 (49-126.5)	1.468	41 (24.4-65.5)	42.5 (25.4-67.5)	0.09 (0.08-0.099)
Eritrea	176.2 (104.7-273.3)	438.9 (257.5-673.6)	1.491	44.6 (26.7-70.8)	44.9 (26.7-69.6)	-0.008 (-0.021-0.006)
Estonia	833.8 (507.7-1292.6)	1204.9 (733.8-1822.7)	0.445	116.2 (71.1-178.6)	117.2 (71.4-177.7)	0.058 (0.034-0.082)
Eswatini	65.3 (38.8-102.2)	117.6 (70.3-183)	0.801	56.8 (34.5-87.7)	57.7 (34.7-89)	0.044 (0.028-0.061)
Ethiopia	4746 (2871.9-7405.2)	9957 (5989.3-15593.5)	1.098	48.5 (29.4-76.5)	48.8 (29.3-77.1)	0.003 (-0.015-0.02)
Fiji	102.9 (59.8-158.9)	238 (141.5-364.2)	1.313	70.3 (42-108.5)	74 (44-113.7)	0.195 (0.185-0.205)
Finland	2126.7 (1331.3-3095.2)	4838.7 (3068-6964)	1.275	76 (47.4-110.4)	80.4 (50.8-114.8)	0.227 (0.209-0.245)
France	10516.6 (6229.1-16887)	19308.5 (11800.4-30727.5)	0.836	30 (17.8-47.9)	31.7 (19.2-50.7)	0.266 (0.23-0.302)
Gabon	105.1 (62.5-164.6)	203.8 (122-317.6)	0.939	41.8 (25.4-65.4)	42.7 (25.4-66.5)	0.047 (0.034-0.06)
Gambia	72.2 (42.9-110.8)	185.4 (111.2-291.1)	1.568	41.8 (24.6-64.2)	42.4 (25.1-66.7)	0.044 (0.028-0.06)
Georgia	1404.3 (827.4-2156.1)	1573.6 (996.9-2307.7)	0.121	59.4 (34.7-91.5)	64.3 (41-94.4)	0.099 (0.03-0.169)
Germany	15050.4 (8825.3-23781.9)	28649.5 (16851.8-46164.3)	0.904	30.7 (18.1-48.9)	33.1 (19.6-53.2)	0.334 (0.3-0.368)
Ghana	1168.7 (715.8-1828.6)	2914.4 (1751.2-4510.4)	1.494	41.9 (25.3-65.4)	42.9 (25.5-66.3)	0.076 (0.07-0.082)
Greece	2201.4 (1305.5-3496)	3671.7 (2230.7-5558.8)	0.668	30.5 (18.1-48.2)	35.1 (21.5-53.5)	0.196 (0.099-0.293)
Greenland	5.2 (3-8.5)	14.1 (8.4-22.2)	1.712	34.4 (20.1-54.3)	36.6 (21.6-58.3)	0.286 (0.245-0.328)
Grenada	17.8 (10.6-28.6)	33.4 (20-52.1)	0.876	58.3 (34.8-93.2)	61.7 (36.9-95.9)	0.198 (0.179-0.216)
Guam	22.5 (13.2-34.5)	69.5 (40.3-107.1)	2.089	68.7 (40.9-107.7)	70.4 (40.9-108)	0.093 (0.079-0.108)
Guatemala	1346.3 (817.3-2103.5)	4497.9 (2726.3-6931.9)	2.341	84.7 (51.6-132.9)	89.9 (54.6-138.3)	0.23 (0.217-0.242)
Guinea	683.3 (402.9-1087.5)	1168.2 (680.8-1777.7)	0.710	41.6 (24.8-66.4)	42.7 (25-64.7)	0.055 (0.04-0.071)
Guinea-Bissau	75.8 (43.6-119.6)	126 (74.9-192.4)	0.662	41.4 (24.3-65.2)	42.6 (25-66)	0.07 (0.058-0.083)
Guyana	97.9 (57.5-157.7)	177.8 (105.8-283.7)	0.816	58.3 (34.5-92.1)	61.8 (37.1-97.1)	0.229 (0.21-0.249)
Haiti	836.2 (499.5-1342.8)	1893.1 (1106.2-3031.5)	1.264	57.7 (34-91.4)	61.2 (35.7-97.6)	0.222 (0.208-0.235)
Honduras	802.9 (487.2-1246.6)	2559.1 (1557.4-4001.3)	2.187	86.3 (52.3-133.4)	90.5 (54.9-139.6)	0.168 (0.158-0.178)
Hungary	3626.1 (2177.6-5500.6)	5146.7 (3069.6-8025.3)	0.419	59.2 (35.4-89.2)	63.1 (38-97.7)	0.185 (0.157-0.213)

Iceland	38.7 (23-60.4)	88.8 (52.4-141.1)	1.295	29.2 (17.4-45.4)	31.2 (18.5-49.2)	0.338 (0.292-0.385)
India	154448.3 (92623.8-233621.3)	432532.6 (259932.5-666840.1)	1.801	69.6 (41.7-106.8)	77.5 (46.7-118.5)	0.244 (0.209-0.279)
Indonesia	48015.6 (29374.3-73896.3)	87537.1 (52869.5-134766.2)	0.823	111.4 (67.2-169.3)	78.6 (48.3-120.8)	-0.433 (-0.697--0.168)
Iran (Islamic Republic of)	5817.8 (3458.6-9129.2)	16849.8 (9952.6-26143.3)	1.896	43.9 (26.2-69.4)	45.8 (27.1-71.9)	0.114 (0.102-0.126)
Iraq	1464 (864.4-2308.9)	4574.6 (2739.8-7079)	2.125	40.9 (24.3-65)	42.2 (24.5-64.7)	0.058 (0.041-0.076)
Ireland	577.8 (337.5-908.6)	1242.2 (722.3-1938.7)	1.150	30.1 (17.8-47.4)	32.3 (18.8-50.2)	0.332 (0.293-0.371)
Israel	691.4 (404.5-1093.6)	1859.2 (1084.8-2910.1)	1.689	30.5 (18-48.1)	32.6 (19-50.9)	0.289 (0.258-0.32)
Italy	26613 (16637.2-40002.9)	39945.7 (25177.2-58939.4)	0.501	67.1 (42-100.6)	66.6 (41.6-97.8)	0.06 (0.018-0.102)
Jamaica	486.3 (291-785.8)	898.4 (537.1-1433.2)	0.847	57.9 (34.8-93.4)	61.4 (36.8-98.4)	0.229 (0.214-0.245)
Japan	20174.2 (11939.2-31960.7)	38081.7 (23592.5-59365.9)	0.888	26.8 (15.9-42.7)	24.5 (15-38.4)	-0.084 (-0.17-0.002)
Jordan	252.2 (148.5-391.9)	1772.7 (1059.1-2763)	6.029	41.3 (24.5-65.6)	48.1 (29.1-74)	0.213 (0.115-0.312)
Kazakhstan	2354.9 (1368.4-3624.1)	3920.3 (2355.3-6015.1)	0.665	54.9 (32.2-86.1)	56.4 (33.8-85.8)	0.07 (0.054-0.086)
Kenya	2194.9 (1294.6-3418.7)	5775.9 (3439.6-8990)	1.632	58.2 (34.3-90.1)	58.6 (34.3-91.2)	0.003 (-0.003-0.009)
Kiribati	9.3 (5.5-14.5)	18.2 (10.8-28.7)	0.957	69.2 (40.3-105.5)	72.8 (43.1-110.2)	0.184 (0.175-0.193)
Kuwait	132.5 (78.8-203.2)	662.3 (387.6-1031.7)	3.998	41.7 (25-65.3)	43.4 (25.5-67.7)	0.076 (0.053-0.099)
Kyrgyzstan	517.7 (302.7-823.6)	924.4 (553.3-1448.3)	0.786	47.9 (28.3-75.7)	48.3 (28.2-75.5)	0.014 (-0.015-0.042)
Lao People's Democratic Republic	740.3 (448.8-1162.9)	1698.5 (1009.3-2648.4)	1.294	79.8 (48.4-123.4)	82.6 (49.2-127.2)	0.106 (0.091-0.121)
Latvia	1443.7 (873.7-2200.3)	1711.6 (1029.2-2601.3)	0.186	115.3 (69-172.9)	116.4 (70-176.7)	0.079 (0.055-0.103)
Lebanon	418.3 (245.5-643.1)	1132.6 (672.1-1733.1)	1.708	40.6 (23.9-62.2)	42 (24.9-64.6)	0.091 (0.082-0.1)
Lesotho	167.2 (100.8-264.2)	224.9 (132.8-354.5)	0.345	56.5 (34.5-88.6)	57.5 (33.6-90.2)	0.031 (0.018-0.045)
Liberia	257.3 (156.7-405.3)	413.1 (238.5-650.1)	0.606	41.6 (25.1-65.6)	42.5 (25.1-66)	0.075 (0.063-0.088)
Libya	380.2 (223.9-591.2)	1031.1 (609.8-1590.1)	1.712	41 (24.2-64.9)	43.1 (25.1-67)	0.137 (0.128-0.145)
Lithuania	2214.5 (1393-3279.4)	2874.1 (1815.3-4294.3)	0.298	131.4 (82.5-194.3)	132.8 (83.9-198.9)	0.05 (0.039-0.061)
Luxembourg	73.1 (44.3-115.2)	178.1 (107.5-284)	1.436	31.8 (19.3-50.4)	35.5 (21.5-56.6)	0.489 (0.44-0.539)
Madagascar	1095.2 (635.5-1678.7)	2211.2 (1276.1-3458.6)	1.019	45 (26-69)	45.3 (26.2-69.5)	0.012 (0.003-0.022)
Malawi	755.8 (441.6-1188.6)	1362.2 (802.7-2097.8)	0.802	45.2 (26.5-70.2)	45.6 (27.1-70.5)	0.047 (0.039-0.055)
Malaysia	3259.6 (1955.3-5102.1)	11456.4 (6715.7-17781)	2.515	80.1 (47.4-125.1)	82.6 (48.3-127.8)	0.069 (0.055-0.082)
Maldives	38.6 (23.1-60.7)	131.6 (79.9-204.7)	2.409	79.7 (47.6-122.7)	81.7 (49.6-126.1)	0.063 (0.053-0.074)
Mali	793.6 (472.1-1234.1)	1810.1 (1069.3-2807.3)	1.281	41.4 (25.1-64.1)	42.2 (25.1-65.6)	0.053 (0.043-0.063)
Malta	83.8 (51.5-122.2)	214.7 (132.6-315.4)	1.562	43.3 (26.6-63.1)	45.4 (27.9-66.3)	0.179 (0.162-0.196)
Marshall Islands	4.9 (2.8-7.6)	11.5 (6.9-17.6)	1.347	71.8 (42.8-109.6)	77.1 (44.6-116.8)	0.243 (0.228-0.257)
Mauritania	190.9 (112.9-304.1)	442.7 (265.1-705.2)	1.319	41.5 (24.3-65.7)	42.4 (25.5-67)	0.035 (0.021-0.049)
Mauritius	250.9 (148-391.8)	737.8 (435.2-1149.4)	1.941	80.9 (48.6-124.4)	84.9 (50.3-131.5)	0.166 (0.149-0.184)
Mexico	18903.5 (12027.8-28559.9)	56720.1 (36170.7-85361.8)	2.001	99.4 (63.3-150.8)	98.8 (62.9-149)	0.088 (0.039-0.137)
Micronesia (Federated States of)	14.7 (8.7-22.5)	21.5 (12.9-34.1)	0.463	68.6 (39.4-104.7)	72.5 (42.4-110.2)	0.208 (0.182-0.233)
Monaco	9.2 (5.5-14.5)	14.6 (8.6-22.9)	0.587	30.4 (18.1-47.6)	32.5 (19.2-50.6)	0.292 (0.257-0.326)
Mongolia	237.3 (139.4-364.6)	474.9 (281.2-736.1)	1.001	53.6 (31.6-82.5)	54.2 (31.6-83.9)	0.024 (0.004-0.044)
Montenegro	158.2 (92.9-245.7)	288.1 (171-441.3)	0.821	60.3 (35.2-94.2)	63.5 (37.7-96.2)	0.14 (0.115-0.165)
Morocco	2791.1 (1649.3-4407.8)	7108.6 (4227-11038.8)	1.547	40.4 (23.9-63.8)	42.1 (24.9-65.2)	0.1 (0.091-0.109)
Mozambique	1185.1 (692.6-1860.5)	2017.8 (1198.8-3182.5)	0.703	44.5 (26.8-69.9)	45.1 (26.2-69.9)	0.04 (0.033-0.048)
Myanmar	7994.1 (4849.9-12249.1)	16441 (9881.2-25705.5)	1.057	79.3 (47.7-120.2)	81.5 (48.9-125.5)	0.094 (0.09-0.099)
Namibia	159.5 (93.7-253)	313.6 (184.8-489.5)	0.966	56.6 (32.9-88.7)	58 (34-89.6)	0.038 (0.022-0.053)

Nauru	1.5 (0.9-2.2)	1.5 (0.9-2.3)	0.000	68.5 (41.1-104.6)	71.2 (42.8-108)	0.144 (0.126-0.162)
Nepal	2233.9 (1343.1-3332.5)	5285.9 (3234.7-7995)	1.366	49 (29.8-73.2)	47.7 (29.1-72.5)	0.085 (0.019-0.151)
Netherlands	2632.9 (1571.9-4028.9)	5466.8 (3224.7-8743.3)	1.076	30.5 (18.2-46.5)	32 (18.9-50.5)	0.228 (0.198-0.258)
New Zealand	896.9 (553.4-1353.1)	1795.2 (1120-2658.2)	1.002	49.8 (30.8-74.9)	43.1 (27-63.9)	-0.329 (-0.443--0.214)
Nicaragua	564.2 (336.9-879.5)	1871.7 (1134.7-2878.5)	2.317	85.7 (51.9-131.9)	90 (54.6-137.9)	0.185 (0.173-0.196)
Niger	555.9 (332.7-879.7)	1590.7 (941-2556.4)	1.861	41.2 (24.8-65.5)	42 (25.2-66.2)	0.058 (0.041-0.074)
Nigeria	9763.9 (5695.8-15034.6)	17714.1 (10560-27367)	0.814	45.2 (26.6-71.2)	46 (27-73)	0.041 (0.026-0.056)
Niue	0.6 (0.4-1)	0.7 (0.4-1.1)	0.167	70.8 (42.4-106.1)	75.1 (44.2-114.2)	0.222 (0.213-0.231)
North Macedonia	512.6 (304.7-795.6)	1048.4 (612.2-1642.8)	1.045	60 (35.5-92.3)	64 (37.4-97.6)	0.184 (0.156-0.213)
Northern Mariana Islands	4.9 (2.8-7.5)	17.5 (10.4-27.2)	2.571	69.3 (40.5-108)	71.4 (42.2-108.7)	0.124 (0.114-0.134)
Norway	3125.3 (1943.6-4690.5)	5118.5 (3175.9-7692.7)	0.638	103.2 (64.1-153.5)	106 (65.6-158.7)	0.091 (0.083-0.098)
Oman	129.3 (76.5-199.7)	411.7 (244.8-642.4)	2.184	40.4 (23.9-62.8)	42 (24.9-65)	0.11 (0.093-0.127)
Pakistan	18508.3 (10884.9-28962.6)	37590.5 (22271.2-57693)	1.031	60.5 (35.6-94)	63 (37.2-98.3)	0.163 (0.151-0.174)
Palau	3.1 (1.8-4.8)	7.7 (4.5-12.1)	1.484	69.5 (39.8-105.5)	72.8 (42.6-110.4)	0.172 (0.161-0.184)
Palestine	154.9 (90-242.7)	493.5 (289-770.4)	2.186	40.9 (23.6-64)	42.4 (24.9-65.2)	0.104 (0.097-0.111)
Panama	617.5 (379.1-966.2)	1909.6 (1162.1-2957.3)	2.092	85.8 (52.7-133)	90.5 (55.1-140.2)	0.18 (0.169-0.191)
Papua New Guinea	530.4 (313.8-831.6)	1580.5 (947.3-2416.3)	1.980	68.2 (40.4-104)	70.7 (42.6-106.3)	0.136 (0.12-0.151)
Paraguay	426.7 (252.3-665.7)	1180.4 (701.8-1921.3)	1.766	42.7 (25.3-66.1)	44.1 (26.4-70.8)	0.106 (0.091-0.122)
Peru	2958.3 (1721.9-4705.6)	8926.2 (5242.2-14228.1)	2.017	54.2 (31.4-86.1)	57.1 (33.5-91.1)	0.193 (0.173-0.213)
Philippines	11136.8 (6632.6-17190.3)	31472.2 (19189.4-48290.2)	1.826	85.8 (50.9-131.3)	89.1 (53.9-136.4)	0.062 (0.035-0.088)
Poland	15482.1 (9401.1-24041.1)	15755.3 (10108.5-23430.5)	0.018	87.3 (53.1-133.9)	50.9 (32.6-74.7)	-0.796 (-1.223--0.367)
Portugal	1960.7 (1171.9-3122.9)	3497.9 (2043.2-5576.6)	0.784	30.9 (18.5-48.5)	33.1 (19.7-52.5)	0.339 (0.298-0.38)
Puerto Rico	1009.3 (584.7-1605)	2008.6 (1205-3155.5)	0.990	58.6 (34-92.7)	61.7 (37-96.3)	0.196 (0.174-0.217)
Qatar	26 (15.3-41)	264.9 (156.5-420.9)	9.188	42.4 (25.2-67)	45.9 (27.7-71.7)	0.258 (0.223-0.293)
Republic of Korea	2207.9 (1250.9-3572.5)	9217.8 (5382.1-15004.5)	3.175	19.7 (11.4-31.3)	20.4 (11.8-32.6)	0.113 (0.105-0.122)
Republic of Moldova	2025.7 (1199.5-3080.8)	2859.8 (1715.1-4366.8)	0.412	117.4 (70.3-175)	117.5 (70.8-177.4)	0.024 (0.005-0.042)
Romania	8915.3 (5753.6-13181.7)	12348.2 (7756.7-18297.9)	0.385	72.3 (46.5-107.4)	75.9 (47.6-112.3)	0.148 (0.135-0.161)
Russian Federation	73037.1 (44217.5-111402.2)	114896.4 (69305.9-172701.8)	0.573	123.8 (75.6-187)	123.8 (75.5-186.2)	0.022 (0.005-0.039)
Rwanda	528.9 (314.8-850.7)	1109.3 (652.9-1722.4)	1.097	45 (26.6-70.7)	44.9 (26.1-70.1)	0.002 (-0.011-0.014)
Saint Kitts and Nevis	10.7 (6.3-17.5)	19.4 (11.6-30.9)	0.813	58.5 (34.4-94.8)	60.7 (36.8-97.7)	0.143 (0.13-0.156)
Saint Lucia	23.6 (14-37.2)	71.7 (42.8-114.1)	2.038	59.7 (35.5-93.4)	62.7 (37.3-100.1)	0.193 (0.175-0.212)
Saint Vincent and the Grenadines	19 (11.4-30)	46.6 (27.9-74.2)	1.453	59 (35.5-92.7)	62.1 (37.3-98)	0.176 (0.161-0.191)
Samoa	26.2 (15.4-40.2)	46.5 (27.3-71.5)	0.775	69.2 (40.4-104.6)	71.8 (42.9-111)	0.129 (0.113-0.144)
San Marino	5 (3-7.9)	10.9 (6.2-17.3)	1.180	30.5 (18.3-48.4)	32.3 (18.8-50.6)	0.285 (0.253-0.317)
Sao Tome and Principe	12.6 (7.4-19.6)	21.1 (12.4-33.5)	0.675	42 (24.5-65.9)	43 (25.4-67.8)	0.056 (0.047-0.064)
Saudi Arabia	1233 (747.2-1950.2)	4306.8 (2627.4-6663.8)	2.493	40.8 (24.8-64.4)	42.7 (26-65.6)	0.15 (0.143-0.158)
Senegal	664.4 (398.6-1031.2)	1529.4 (883.1-2390.7)	1.302	42 (25.7-64.7)	43.1 (25-67)	0.085 (0.072-0.099)
Serbia	3408.7 (2144.5-5121.6)	5477.8 (3425.8-8163.6)	0.607	66.9 (42.4-99.8)	70.9 (44.5-105.6)	0.181 (0.171-0.192)
Seychelles	19.6 (11.8-30.6)	46.3 (28-73.5)	1.362	80.2 (48.2-124)	84.4 (51.4-132.7)	0.142 (0.12-0.164)
Sierra Leone	420.2 (248.8-664.1)	743.6 (449.1-1158.3)	0.770	40.7 (24-63.9)	41.8 (25.2-66.7)	0.083 (0.073-0.094)
Singapore	195.4 (112.9-311.6)	902.1 (515.2-1450.4)	3.617	20.4 (11.9-32.7)	20.7 (11.8-32.9)	0.055 (0.035-0.076)
Slovakia	1700.2 (1054.2-2415.3)	2939.2 (1813.9-4247.6)	0.729	66.6 (41.3-94.2)	69.3 (42.7-100)	0.124 (0.119-0.128)

Slovenia	429.8 (267.1-623.9)	956.5 (608.1-1424.6)	1.225	45.2 (28.4-66)	47.4 (30.1-70.1)	0.111 (0.092-0.129)
Solomon Islands	44.7 (26.5-70.1)	103.8 (62.1-157.1)	1.322	68.5 (40.1-105.6)	72 (42.4-109.7)	0.18 (0.164-0.197)
Somalia	417.6 (250.7-656.3)	987.5 (569.2-1523.7)	1.365	44.9 (26.7-70.7)	45.2 (26.9-70.3)	-0.002 (-0.013-0.01)
South Africa	5097.2 (3050.8-7983.4)	11922.3 (7143.8-18546.7)	1.339	61.7 (36.6-96.4)	63.1 (37.8-98.2)	0.075 (0.052-0.097)
South Sudan	665.2 (390.1-1059)	819.2 (483.6-1252.3)	0.232	44.6 (26.5-70.2)	44.6 (26.7-69.7)	-0.013 (-0.032-0.005)
Spain	5895.3 (3450.1-9190)	13169.8 (7940.7-20711.3)	1.234	23.9 (14-37.1)	31.4 (18.9-50.2)	0.533 (0.384-0.682)
Sri Lanka	4099.9 (2459.3-6281.9)	10373.4 (6216.2-15807)	1.530	80.1 (48.4-122.3)	83.5 (50.5-127.1)	0.141 (0.127-0.155)
Sudan	1900.5 (1131.2-2978.1)	4193.5 (2480.2-6597.2)	1.207	40.4 (23.9-63)	42.5 (25.1-67)	0.128 (0.114-0.142)
Suriname	68.2 (39.7-107.9)	176 (106.6-283.7)	1.581	58.3 (34.2-92.3)	62 (37.4-100.1)	0.245 (0.22-0.27)
Sweden	3103.9 (1847.5-4956.4)	4130.3 (2401-6604.7)	0.331	45.9 (27.3-73.6)	40.8 (24-65.5)	-0.118 (-0.212--0.025)
Switzerland	4151.3 (2541.4-6035.2)	8146.6 (5122.3-11794.4)	0.962	94.3 (57.7-136.9)	98.2 (61.8-142.1)	0.138 (0.132-0.144)
Syrian Arab Republic	1053.7 (617.7-1641.7)	2865.8 (1694-4392.7)	1.720	40.8 (23.7-63.5)	42.4 (24.9-64.7)	0.083 (0.071-0.095)
Taiwan (Province of China)	6087.3 (3514.4-9405.6)	16135.5 (9836.4-24590.1)	1.651	78 (46.4-118.4)	80.5 (49.5-122.3)	0.089 (0.081-0.097)
Tajikistan	604 (357.1-931.7)	1470.9 (870.9-2326.7)	1.435	55 (32.8-85.8)	56.7 (33.5-88.3)	0.099 (0.079-0.12)
Thailand	11916.8 (7209.1-18649.7)	41175 (25368.5-62981.8)	2.455	78.8 (47.3-120.9)	81.2 (49.6-124)	0.041 (0.019-0.062)
Timor-Leste	92.6 (54.7-145.7)	340.8 (202.4-518.7)	2.680	78.3 (46.2-124.2)	81.1 (48.4-122.2)	0.088 (0.079-0.098)
Togo	223.5 (132-343.3)	637.3 (376-989.6)	1.851	41.3 (24.2-63.8)	42.4 (24.9-66.1)	0.046 (0.032-0.06)
Tokelau	0.5 (0.3-0.7)	0.5 (0.3-0.8)	0.000	69.1 (40-107.4)	71.6 (42.3-109.5)	0.15 (0.134-0.166)
Tonga	17.5 (10.3-27.6)	25.6 (15-39.1)	0.463	69.5 (40.6-108.4)	71.9 (42.3-110.5)	0.126 (0.11-0.141)
Trinidad and Tobago	236.9 (142.4-381.6)	597.9 (361.2-977.7)	1.524	60 (36-95.9)	62.3 (37.3-101.5)	0.131 (0.112-0.15)
Tunisia	1059.5 (633.7-1682.6)	2768 (1638.9-4245.3)	1.613	40.9 (24.3-63.6)	42.4 (25.2-65)	0.109 (0.096-0.122)
Turkey	6295.3 (3632.9-9796.3)	18365.3 (10923.7-28999.6)	1.917	40.7 (23.8-63.8)	41.6 (24.8-65.7)	0.101 (0.081-0.121)
Turkmenistan	391 (230.2-611.5)	910.7 (526.4-1414.4)	1.329	55 (32.9-86.2)	56.1 (32.2-85.6)	0.075 (0.054-0.095)
Tuvalu	1.8 (1.1-2.9)	3.3 (1.9-5.1)	0.833	69.2 (40.3-107.2)	72.7 (43.3-111.8)	0.179 (0.163-0.195)
Uganda	1333.8 (785.1-2108.5)	2653 (1588.5-4200.6)	0.989	45 (26.5-70.3)	45.6 (27.5-71.6)	0.017 (0.005-0.03)
Ukraine	31292.4 (19208.8-47420.7)	37602.1 (22411.4-56948.2)	0.202	124.9 (76.8-189)	124.8 (74.9-187.7)	0.023 (-0.002-0.047)
United Arab Emirates	89.8 (52.8-141.9)	1333.2 (775.9-2125)	13.846	41.9 (25-64.8)	44 (26.5-69)	0.145 (0.125-0.166)
United Kingdom	19083.1 (12076.3-28887.2)	30332 (19226.3-45811.6)	0.589	48.4 (30.7-72.9)	50 (31.5-75.3)	0.308 (0.247-0.369)
United Republic of Tanzania	2279.8 (1354.2-3649)	5175 (3049-8106.3)	1.270	44.6 (26.4-70)	45.4 (26.9-72.1)	0.046 (0.035-0.058)
United States of America	49000 (30879.7-74096.9)	95932.9 (60585.4-138068.6)	0.958	36.4 (23-54.7)	35.4 (22.4-51)	0.197 (0.121-0.274)
United States Virgin Islands	21.2 (12.5-33.7)	56.2 (33.9-89.3)	1.651	57.8 (34.5-90.8)	60.7 (36.6-96)	0.195 (0.169-0.22)
Uruguay	422.9 (247.4-656)	595 (349.3-912.8)	0.407	24.1 (14.1-37.3)	25.5 (14.9-39.3)	0.264 (0.204-0.324)
Uzbekistan	2382.7 (1397.3-3718.4)	6224.4 (3675.7-9686.7)	1.612	54.7 (32-86.2)	56.4 (33.5-86.2)	0.086 (0.069-0.103)
Vanuatu	19.9 (11.3-30.8)	52.8 (31.6-81.5)	1.653	68.9 (39.7-104.9)	71.8 (41.9-110.8)	0.172 (0.151-0.192)
Venezuela (Bolivarian Republic of)	3587.1 (2152-5544.8)	12315.1 (7450.5-19580.6)	2.433	85.9 (52.1-130.6)	90.1 (55.4-141.9)	0.164 (0.147-0.181)
Viet Nam	14008.4 (8279.2-21370)	39896.4 (24341.7-60449.1)	1.848	85.6 (50.8-130.5)	95.9 (58.5-146.5)	0.186 (0.122-0.25)
Yemen	867.7 (502.3-1368.5)	2624.3 (1545.8-4094.7)	2.024	40.1 (23.3-63.5)	41.3 (24.5-64.6)	0.077 (0.068-0.087)
Zambia	626.8 (369-981.8)	1318.3 (799.7-2052.7)	1.103	45 (26.7-70)	45.3 (27.5-71.1)	0.005 (-0.003-0.013)
Zimbabwe	1087.7 (637.3-1701.5)	1554 (929.5-2415.8)	0.429	56.6 (33.9-88.3)	58.6 (35.6-90.1)	0.104 (0.091-0.117)

Table S7 The prevalence of benign prostatic hyperplasia cases and rates in 1990 and 2021, and the trends in age patterns from 1990 to 2021

location	Age group	Prevalent cases			Prevalent rates		
		1990_thousand (95% UI)	2021_thousand (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000(95% UI)	EAPC (95% CI)
Global	40-44 years	127.4 (70-209.6)	232.4 (136.5-372.1)	0.824	87.1 (47.9-143.3)	92.1 (54.1-147.6)	0.078 (-0.005-0.161)
	45-49 years	866 (446.9-1510)	1617.8 (866.7-2794.5)	0.868	731.5 (377.5-1275.4)	680.1 (364.4-1174.8)	-0.048 (-0.154-0.058)
	50-54 years	2646.8 (1778.2-3985.3)	4725.1 (3198.5-7044.7)	0.785	2458.6 (1651.7-3701.9)	2128.6 (1440.9-3173.6)	-0.135 (-0.273-0.003)
	55-59 years	5731.4 (3769.5-8558.4)	10655.9 (7065.2-15628.5)	0.859	6170.3 (4058.1-9213.6)	5472.3 (3628.3-8026)	-0.116 (-0.225--0.006)
	60-64 years	9449.6 (6288.4-14120.9)	17259.8 (11665.3-25420.8)	0.827	12030.6 (8006-17977.9)	11096.9 (7500-16343.9)	-0.149 (-0.246--0.052)
	65-69 years	10947.1 (7720.5-15101.4)	24161.8 (17426.2-32578.7)	1.207	19094.5 (13466.5-26340.6)	18327.6 (13218.3-24712.1)	-0.084 (-0.122--0.046)
	70-74 years	9490.8 (6420.7-13181.9)	23887.2 (16557.1-32694.2)	1.517	25229 (17067.9-35041.1)	24781.4 (17176.9-33918.2)	0.036 (0-0.073)
	75-79 years	6853.6 (4959-8939.4)	15959.7 (11791.5-20939.5)	1.329	27161.6 (19652.9-35427.5)	26694.5 (19722.7-35023.6)	0.102 (0.051-0.154)
	80-84 years	3326.5 (2498-4327.3)	9257.9 (7029.2-11902.4)	1.783	25042.4 (18805.7-32576.4)	25258.9 (19178.2-32474.2)	0.15 (0.103-0.198)
	85-89 years	1039.5 (770.3-1367.3)	3608.5 (2703.1-4671.6)	2.471	20527 (15211.6-27001)	20915.8 (15668-27077.6)	0.148 (0.108-0.189)
	90-94 years	194.7 (137.9-255.7)	945.7 (688.9-1215.4)	3.857	15466.2 (10950.1-20309.1)	16225.5 (11820-20853.2)	0.181 (0.138-0.224)
	95+ years	32.5 (22.5-43.9)	190.3 (136.2-250.7)	4.855	12478.4 (8641.3-16869.6)	12586 (9010-16579.5)	0.033 (-0.015-0.08)
Low SDI	40-44 years	8.8 (4.6-15.3)	21.6 (11.3-37.8)	1.455	87.6 (45.9-152.9)	84.6 (44.5-148.3)	-0.052 (-0.08--0.024)
	45-49 years	67.1 (34.1-117.9)	160.1 (81.1-279.3)	1.386	789.4 (401.2-1386.9)	764.9 (387.3-1334.3)	-0.031 (-0.058--0.004)
	50-54 years	183.9 (119.5-281.3)	412.5 (268.3-635)	1.243	2567.8 (1669.3-3928.5)	2508.7 (1631.5-3861.7)	-0.007 (-0.038-0.024)
	55-59 years	376.8 (246.5-564.4)	768.1 (501.3-1144)	1.038	6238.6 (4082-9345.3)	6097.8 (3979.9-9082)	0.002 (-0.028-0.032)
	60-64 years	557.5 (355.1-865.6)	1113.5 (713.5-1691.5)	0.997	11426 (7277.3-17741.2)	11430.6 (7324.7-17364.8)	0.058 (0.041-0.076)
	65-69 years	623.6 (428-880.9)	1374.1 (946-1909.6)	1.203	17388.2 (11932.7-24562.4)	18584.4 (12793.7-25826)	0.209 (0.194-0.224)
	70-74 years	533.9 (358-769)	1265.6 (833.8-1793.1)	1.370	22108.1 (14825-31841.5)	25001.7 (16471.9-35420.5)	0.298 (0.268-0.328)
	75-79 years	313.3 (217.3-428.9)	816 (561.3-1107.4)	1.605	23199.7 (16086.8-31757.5)	26358.5 (18132.2-35771.9)	0.305 (0.273-0.337)
	80-84 years	135 (96.1-181.8)	377.7 (273-504)	1.798	21707.7 (15448.4-29222.5)	24255.7 (17534.4-32366.2)	0.239 (0.209-0.268)
	85-89 years	38 (26.8-52.4)	119.9 (84.5-163)	2.155	18242.8 (12845.2-25149.5)	20293.3 (14306.4-27584.2)	0.121 (0.041-0.2)
	90-94 years	6.9 (4.6-9.5)	24.7 (16.7-33.6)	2.580	14485.4 (9649.5-20023.5)	15986.2 (10810.6-21732.5)	0.103 (-0.058-0.264)
	95+ years	1.1 (0.7-1.5)	3.6 (2.4-5.1)	2.273	12665 (8238-17719.3)	13108.5 (8672.4-18394.6)	0.043 (-0.173-0.26)
Low-middle SDI	40-44 years	28.8 (15.3-49.7)	58.8 (32.1-99.5)	1.042	106 (56.4-183.3)	102.2 (55.7-172.7)	-0.004 (-0.047-0.039)
	45-49 years	220.2 (109.8-387.3)	438.9 (222-772.6)	0.993	960.7 (479-1689.6)	894.6 (452.6-1575)	-0.042 (-0.118-0.034)
	50-54 years	603.9 (393.4-913.5)	1203.7 (787.1-1828.4)	0.993	3134.9 (2042-4741.8)	2890.4 (1889.9-4390.2)	-0.05 (-0.135-0.034)
	55-59 years	1225.9 (795.1-1840.7)	2396.1 (1546.1-3598.6)	0.955	7654.3 (4964.3-11493.2)	7015.3 (4526.6-10536.1)	-0.047 (-0.136-0.042)
	60-64 years	1842.3 (1171.3-2799.4)	3701.9 (2359.2-5683.4)	1.009	14072 (8946.3-21382.1)	13334.9 (8498.1-20472.4)	-0.007 (-0.07-0.056)
	65-69 years	2029.6 (1403-2787.8)	4779.9 (3295.2-6647.7)	1.355	21994.5 (15204.1-30211.5)	22390.2 (15435.4-31139.5)	0.092 (0.078-0.106)
	70-74 years	1721.7 (1157.8-2404.4)	4536.2 (3045.7-6362.5)	1.635	28087.5 (18888.2-39224.5)	30299.9 (20343.9-42498.7)	0.178 (0.148-0.207)
	75-79 years	1090.8 (770-1463.6)	2984.7 (2112.4-3979.5)	1.736	28981.1 (20458.4-38886.9)	31997.8 (22645.7-42662.4)	0.244 (0.201-0.286)
	80-84 years	537.2 (393.7-715)	1483.2 (1088.1-1947)	1.761	26517.8 (19435.6-35292.7)	29302 (21496.6-38464.4)	0.268 (0.236-0.3)
	85-89 years	176.1 (126.4-238.1)	523.8 (376.3-703.4)	1.974	22326.6 (16028.6-30181.2)	24610.4 (17679-33047.6)	0.235 (0.198-0.272)
	90-94 years	35.6 (24.4-48.3)	129 (89.4-175)	2.624	17604.9 (12073.1-23885.6)	19227.4 (13327.4-26088.5)	0.182 (0.143-0.221)
	95+ years	6.1 (4.1-8.3)	23.8 (16.2-32.8)	2.902	14307.1 (9624.2-19528.9)	14569.2 (9939.5-20107.8)	-0.125 (-0.196--0.054)
Middle SDI	40-44 years	35.3 (18.8-61.8)	69.6 (37-115.5)	0.972	78 (41.4-136.4)	83.8 (44.5-139)	0.316 (0.186-0.447)
	45-49 years	247.9 (121.5-436.8)	517.1 (270.1-904.7)	1.086	679.4 (333-1196.9)	634.1 (331.2-1109.4)	0.118 (-0.065-0.302)

High-middle SDI	50-54 years	728 (477.6-1108.8)	1587.7 (1074.1-2393.9)	1.181	2286.6 (1500.1-3482.4)	2039.6 (1379.8-3075.3)	0.065 (-0.11-0.24)
	55-59 years	1632 (1034.5-2497.5)	3679.2 (2419.2-5436.5)	1.254	5987.6 (3795.6-9163.4)	5448.3 (3582.5-8050.6)	0.128 (-0.021-0.277)
	60-64 years	2600.5 (1680.2-3963.3)	5804.5 (3907.3-8631.9)	1.232	12027.2 (7771.1-18330.4)	11698.2 (7874.6-17396.5)	0.068 (-0.051-0.186)
	65-69 years	3254.9 (2236.2-4503.7)	8461 (6014.7-11605)	1.599	21030.4 (14448.8-29099.1)	19683.3 (13992.4-26997.4)	0.005 (-0.069-0.079)
	70-74 years	2982.2 (1992.4-4190.1)	8129.6 (5544.2-11341.8)	1.726	29437.3 (19666.5-41360.8)	27763 (18933.7-38733)	0.011 (-0.053-0.075)
	75-79 years	1964.5 (1413.5-2585.4)	5676.6 (4151.3-7484.2)	1.890	33495.7 (24100.8-44082.6)	31509.7 (23043.1-41543.6)	-0.023 (-0.089-0.044)
	80-84 years	942.7 (698.2-1237.9)	3182.5 (2405.9-4158.7)	2.376	32997 (24439.3-43331)	31041.8 (23466.7-40563.4)	-0.05 (-0.114-0.014)
	85-89 years	297.7 (215.2-394.4)	1196.1 (877.8-1556.5)	3.018	27944.5 (20193.4-37020.2)	27104.6 (19892.6-35271.8)	-0.016 (-0.056-0.023)
	90-94 years	51.6 (36-68.7)	279 (196.3-364)	4.407	20783 (14484.1-27691.3)	21300.6 (14985.4-27796.2)	0.096 (0.082-0.11)
	95+ years	7.9 (5.4-10.7)	54.3 (37-72.9)	5.873	15957.9 (10894.5-21697.1)	16288.7 (11090.7-21843.6)	0.064 (0.038-0.09)
	40-44 years	25.8 (13.9-44.9)	33.1 (18-56.1)	0.283	81.4 (43.7-141.6)	70.7 (38.5-119.7)	-0.452 (-0.636--0.268)
	45-49 years	176.5 (89.9-313.3)	268.4 (139.8-469.8)	0.521	709.3 (361.1-1259)	551.4 (287.1-965.2)	-0.742 (-0.885--0.6)
	50-54 years	709 (470.9-1079)	875.8 (600.1-1290.9)	0.235	2703 (1795-4113.5)	1808.9 (1239.4-2666.3)	-0.908 (-1.114--0.7)
	55-59 years	1540.6 (1005.2-2304.1)	2266.3 (1528.9-3313.3)	0.471	6794.1 (4433.1-10161.2)	5143.4 (3469.8-7519.6)	-0.683 (-0.836--0.53)
	60-64 years	2809.7 (1870.3-4146)	4004.4 (2747-5826.5)	0.425	14065.7 (9363-20755.2)	11458.2 (7860.3-16671.7)	-0.664 (-0.82--0.508)
	65-69 years	2938.4 (2080.2-3987.3)	5873.4 (4210.9-7905.5)	0.999	21611.4 (15299.1-29325.6)	18983.1 (13609.8-25551)	-0.536 (-0.641--0.431)
	70-74 years	2420 (1658.6-3329.1)	5787.2 (4036.2-7842.7)	1.391	28764.3 (19714.5-39569.4)	26346.6 (18375.1-35704.5)	-0.274 (-0.383--0.164)
	75-79 years	1983.4 (1466.1-2546)	3579.8 (2653.2-4615.6)	0.805	32521.9 (24039.2-41747.1)	27613 (20465.5-35602.3)	-0.15 (-0.268--0.031)
	80-84 years	930.3 (705-1203.9)	2381.4 (1827-3070.9)	1.560	29918.6 (22672.5-38719.2)	28305.5 (21715.5-36500.4)	-0.019 (-0.12-0.081)
	85-89 years	262.4 (192.3-340.9)	918.8 (672.5-1188.9)	2.502	24230 (17755.7-31482.5)	23380.6 (17113.4-30251.8)	0.057 (-0.056-0.171)
High SDI	90-94 years	42.9 (30.2-56)	233.7 (166.2-299.6)	4.448	17885.4 (12576.5-23305.1)	18342 (13047-23518.5)	0.269 (0.051-0.487)
	95+ years	6 (4.1-8.2)	37 (25.6-50.4)	5.167	13553.8 (9366.3-18735.6)	13375.1 (9250.6-18221.5)	0.113 (-0.237-0.464)
	40-44 years	28.5 (15.3-49.4)	49 (31.7-68.7)	0.719	89.4 (47.9-154.7)	125.8 (81.6-176.4)	0.536 (0.233-0.84)
	45-49 years	153.4 (92.1-242.4)	231.9 (155.8-340.6)	0.512	602.1 (361.5-951.5)	619.1 (416-909.2)	0.255 (0.166-0.344)
	50-54 years	419.1 (292.7-609.1)	641.1 (474-888.4)	0.530	1818.4 (1269.7-2642.7)	1711.5 (1265.5-2371.7)	0.188 (0.089-0.287)
	55-59 years	949.5 (662.4-1323.6)	1536.2 (1131.6-2041.7)	0.618	4564.1 (3184-6362.2)	4240.6 (3123.6-5636.1)	0.063 (-0.031-0.157)
	60-64 years	1628 (1129.9-2303.2)	2618.6 (1908.7-3508.3)	0.608	8617.2 (5980.8-12191.2)	7855.9 (5726.2-10524.8)	-0.044 (-0.137-0.049)
	65-69 years	2085.5 (1559.2-2757.6)	3650 (2868.4-4655.8)	0.750	13562 (10139.2-17932.4)	12563 (9872.6-16024.7)	-0.04 (-0.128-0.048)
	70-74 years	1821 (1302-2448.3)	4145.2 (3107.8-5361.5)	1.276	17358.7 (12411-23337.9)	16562.7 (12417.6-21422.2)	-0.003 (-0.065-0.059)
	75-79 years	1491.9 (1099.7-1930.4)	2887.1 (2241.8-3653.6)	0.935	18363.7 (13536-23760.6)	17678.7 (13727.3-22372.2)	0.031 (-0.025-0.087)
	80-84 years	776.3 (594.2-995.1)	1824.3 (1457.2-2270.4)	1.350	16687.9 (12773.1-21391.6)	16095.2 (12856.5-20031.7)	0.077 (0.019-0.136)
	85-89 years	263.7 (202.5-339.5)	846.3 (676.4-1055.3)	2.209	13792.3 (10595.4-17760.8)	13707.4 (10956.1-17093.6)	0.196 (0.132-0.259)
	90-94 years	57.5 (42-73.5)	278.3 (218.4-343.1)	3.840	11060.9 (8074.5-14136.9)	11534.2 (9048.4-14215.7)	0.27 (0.209-0.332)
	95+ years	11.4 (8.1-15.5)	71.3 (54.3-91)	5.254	9888.9 (7040.3-13406.2)	10059.1 (7654.8-12826.7)	0.072 (-0.011-0.155)

Table S8. The Incidence of benign prostatic hyperplasia cases and rates in 1990 and 2021, and the trends in age patterns from 1990 to 2021

location	Incident cases				Incident rates		
	Age group	1990_thousand (95% UI)	2021_thousand (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Global	40-44 years	83.4 (46-143.1)	145.8 (84.8-244)	0.748	57 (31.4-97.8)	57.8 (33.6-96.8)	0.067 (-0.026-0.159)
	45-49 years	239.3 (117.9-410.2)	433.3 (216.6-740.9)	0.811	202.1 (99.6-346.5)	182.1 (91.1-311.5)	-0.073 (-0.212-0.067)
	50-54 years	610.3 (395.5-920.5)	1093.3 (718.5-1631.9)	0.791	566.9 (367.4-855.1)	492.5 (323.7-735.2)	-0.142 (-0.276--0.008)
	55-59 years	992.3 (500-1649.7)	1878.9 (1009.9-3008.5)	0.893	1068.2 (538.3-1776)	964.9 (518.6-1545)	-0.102 (-0.197--0.007)
	60-64 years	1447.5 (974.8-2014.3)	2748.1 (1892.2-3800.8)	0.899	1842.8 (1241-2564.5)	1766.9 (1216.6-2443.6)	-0.054 (-0.124-0.017)
	65-69 years	1465.9 (821.5-2262.2)	3419.4 (1980.2-5217.5)	1.333	2556.9 (1432.9-3945.9)	2593.8 (1502.1-3957.6)	0.053 (0.024-0.082)
	70-74 years	917.6 (603.3-1247.3)	2373.9 (1624.7-3144)	1.587	2439.2 (1603.8-3315.7)	2462.7 (1685.5-3261.7)	0.133 (0.099-0.167)
	75-79 years	460.3 (297.8-690.3)	1110.8 (723.7-1622.7)	1.413	1824 (1180.4-2735.6)	1857.9 (1210.5-2714.2)	0.207 (0.158-0.257)
	80-84 years	155 (63.5-261.1)	450 (194.1-740)	1.903	1166.9 (477.9-1966)	1227.7 (529.5-2018.9)	0.323 (0.264-0.383)
	85-89 years	28.9 (11.9-48.5)	105.5 (44.8-175.2)	2.651	570.4 (235.8-957.5)	611.6 (259.7-1015.6)	0.328 (0.296-0.36)
	90-94 years	4.4 (1.6-9.5)	21.7 (8.1-45.5)	3.932	351.1 (126.6-754.1)	372.5 (139.6-780.5)	0.201 (0.115-0.287)
	95+ years	1.3 (0.5-2.7)	6.8 (2.9-14.5)	4.231	495.2 (210.2-1049.8)	450.9 (192.1-958.2)	-0.376 (-0.488--0.264)
	40-44 years	6 (3.1-10.7)	14.7 (7.7-26.2)	1.450	59.8 (31.2-106.5)	57.7 (30.3-102.7)	-0.053 (-0.083--0.022)
	45-49 years	19 (9.3-34)	45.2 (22.5-80.8)	1.379	223.2 (109.9-400.3)	216.2 (107.4-386.1)	-0.032 (-0.06--0.004)
Low SDI	50-54 years	40 (25.9-60.1)	89.6 (57.6-134.6)	1.240	559 (361.9-839.6)	545.1 (350.2-818.6)	-0.009 (-0.041-0.024)
	55-59 years	62.3 (30.1-107.6)	126.9 (61.8-216.9)	1.037	1031.9 (498.3-1781.7)	1007.3 (490.8-1721.8)	-0.003 (-0.034-0.028)
	60-64 years	77.4 (50.6-110.9)	162.2 (107.1-232.8)	1.096	1585.5 (1037.4-2272.9)	1665.2 (1099.1-2389.9)	0.108 (0.086-0.13)
	65-69 years	77.2 (41.9-123.3)	180.1 (97.4-285.5)	1.333	2152.5 (1167.5-3438.3)	2435.3 (1317.9-3861.1)	0.283 (0.235-0.331)
	70-74 years	49.3 (28.7-72.2)	118.4 (72.4-167.4)	1.402	2043.2 (1186.7-2989.4)	2338.7 (1430.6-3307.1)	0.292 (0.251-0.334)
	75-79 years	20.2 (13.1-30.9)	51.4 (33.5-77.9)	1.545	1497.7 (966.7-2287.3)	1658.8 (1081-2517.3)	0.234 (0.205-0.264)
	80-84 years	6.4 (2.3-11.5)	17.2 (6.3-30.9)	1.688	1029.2 (371.2-1854.3)	1107.5 (402.8-1984.8)	0.163 (0.141-0.185)
	85-89 years	1.2 (0.4-2.1)	3.6 (1.4-6.3)	2.000	577.4 (208.9-1014.9)	612.7 (231.9-1058.1)	0.07 (0.027-0.113)
	90-94 years	0.2 (0.1-0.4)	0.7 (0.2-1.5)	2.500	431.2 (155.5-915)	448.1 (160.4-944.2)	0.035 (-0.011-0.081)
	95+ years	0.1 (0-0.1)	0.2 (0.1-0.4)	1.000	619.1 (255.2-1339.1)	627.8 (253.6-1339.2)	0.005 (-0.036-0.045)
	40-44 years	19.7 (10-34.5)	39.4 (20.5-69.7)	1.000	72.5 (37-127.2)	68.5 (35.5-121.1)	-0.03 (-0.089-0.029)
Low-middle SDI	45-49 years	62.3 (30.7-111.1)	122.7 (60.5-219.9)	0.970	271.6 (134.1-484.9)	250.2 (123.3-448.2)	-0.059 (-0.143-0.025)
	50-54 years	131.1 (83.2-198.8)	261 (165.6-399.1)	0.991	680.8 (431.8-1032.2)	626.6 (397.7-958.4)	-0.041 (-0.126-0.044)
	55-59 years	199.8 (96.4-343.1)	393.6 (186.2-672.9)	0.970	1247.8 (602.1-2142.6)	1152.4 (545-1970.1)	-0.024 (-0.108-0.06)
	60-64 years	258.7 (171.7-366.3)	562 (379.1-792.4)	1.172	1975.8 (1311.6-2797.8)	2024.3 (1365.6-2854.4)	0.079 (0.072-0.086)
	65-69 years	252.3 (137.9-392.5)	647.1 (361.3-998.8)	1.565	2734.6 (1494.3-4253.2)	3031.2 (1692.2-4678.6)	0.187 (0.129-0.244)
	70-74 years	153.8 (94.4-216.5)	419.8 (265.3-574.7)	1.730	2508.7 (1539.5-3531.4)	2804.4 (1772.3-3839.1)	0.209 (0.148-0.27)
	75-79 years	66 (43.1-99.1)	179.1 (118.1-270)	1.714	1753.5 (1145-2634.3)	1920.3 (1266.4-2894.5)	0.21 (0.167-0.253)
	80-84 years	23.4 (8.4-42.2)	62.7 (23.1-112)	1.679	1154.7 (414.2-2081.4)	1238.7 (457.1-2213.2)	0.183 (0.162-0.204)
	85-89 years	5 (1.9-8.6)	14 (5.5-24.1)	1.800	627.9 (237.4-1089.3)	658.9 (257.2-1132.9)	0.095 (0.069-0.121)
	90-94 years	0.9 (0.3-1.8)	2.8 (1-6.1)	2.111	422.4 (152.2-904.6)	421.8 (150.5-913.1)	-0.112 (-0.163--0.061)
	95+ years	0.2 (0.1-0.5)	0.8 (0.3-1.9)	3.000	565.1 (231.2-1228.4)	515.3 (211.5-1136.2)	-0.494 (-0.571--0.417)
Middle SDI	40-44 years	23.5 (12.2-42)	44.9 (24.5-78.1)	0.911	51.9 (26.8-92.7)	54 (29.5-94)	0.295 (0.135-0.456)
	45-49 years	69.2 (33-120.3)	141 (67.8-243.4)	1.038	189.5 (90.3-329.8)	172.9 (83.2-298.5)	0.096 (-0.107-0.3)

	50-54 years	173.3 (108.2-267.5)	383.6 (250.8-576.2)	1.214	544.4 (339.8-840.3)	492.8 (322.2-740.2)	0.047 (-0.104-0.198)
	55-59 years	289 (141.7-493.4)	664.5 (357.7-1070.7)	1.299	1060.4 (520-1810.1)	984 (529.7-1585.6)	0.115 (-0.008-0.238)
	60-64 years	424.7 (284-601.2)	961.3 (661.3-1349)	1.263	1964.1 (1313.5-2780.8)	1937.4 (1332.7-2718.8)	0.066 (-0.01-0.141)
	65-69 years	465.5 (247.1-729.4)	1248.6 (699.4-1945.6)	1.682	3007.6 (1596.8-4713)	2904.8 (1627.2-4526.3)	0.037 (-0.012-0.086)
	70-74 years	307.7 (204.1-416.1)	843.1 (583.9-1117.8)	1.740	3037.6 (2014.6-4107.5)	2879.1 (1994.1-3817.5)	0.005 (-0.053-0.062)
	75-79 years	149.6 (92-227.4)	423.5 (266.4-633)	1.831	2550.3 (1568.9-3876.5)	2350.6 (1478.7-3513.8)	-0.037 (-0.132-0.058)
	80-84 years	49.3 (20.5-81.6)	170.3 (73.2-279.4)	2.454	1726.1 (717.3-2854.8)	1660.9 (714.1-2725.3)	0.027 (-0.06-0.115)
	85-89 years	8.5 (3.5-14.1)	36.5 (15.3-60.7)	3.294	798.3 (331.3-1326.8)	826.2 (346.7-1375)	0.148 (0.092-0.204)
	90-94 years	1.1 (0.4-2.4)	6 (2.1-13.1)	4.455	428.9 (146.5-950.2)	457.4 (158.7-1000.9)	0.153 (0.076-0.23)
	95+ years	0.3 (0.1-0.6)	1.8 (0.7-3.9)	5.000	551.5 (226.5-1201.6)	535 (216.4-1159.2)	-0.229 (-0.324--0.133)
	40-44 years	17.3 (9-30.6)	21.7 (11.8-37.4)	0.254	54.6 (28.3-96.4)	46.2 (25.3-79.8)	-0.521 (-0.726--0.316)
	45-49 years	49.4 (24.5-87.5)	73.8 (36.8-128)	0.494	198.4 (98.6-351.7)	151.6 (75.6-262.9)	-0.785 (-0.936--0.635)
	50-54 years	171.2 (108.4-261.3)	218.6 (143-326)	0.277	652.5 (413.3-996.2)	451.6 (295.4-673.3)	-0.835 (-1.03--0.639)
	55-59 years	272.4 (139.3-453.3)	415.5 (225.9-667.9)	0.525	1201.2 (614.2-1999.3)	943.1 (512.8-1515.9)	-0.611 (-0.756--0.466)
	60-64 years	442.5 (303.2-618)	652.3 (450.4-900.9)	0.474	2215.4 (1518-3093.6)	1866.4 (1288.7-2577.8)	-0.497 (-0.632--0.362)
	65-69 years	400.8 (224-605.8)	841.5 (477.7-1269.2)	1.100	2947.6 (1647.5-4455.9)	2719.7 (1544-4102)	-0.313 (-0.389--0.237)
	70-74 years	238.4 (160.1-317.6)	590 (413.1-767.4)	1.475	2833.6 (1902.4-3775.1)	2686.1 (1880.5-3493.8)	-0.08 (-0.15--0.01)
	75-79 years	134.1 (85.7-198.9)	278.6 (176-411.4)	1.078	2198.6 (1405.8-3261.7)	2148.8 (1357.3-3173.2)	0.109 (0.053-0.164)
	80-84 years	43.7 (18.3-72.6)	125 (55.4-203.6)	1.860	1406.4 (588.8-2335.9)	1485.5 (658.4-2420.2)	0.289 (0.188-0.39)
	85-89 years	7 (2.9-11.5)	27.6 (12.2-45.6)	2.943	642.4 (272.2-1065)	703 (310.5-1160.7)	0.398 (0.332-0.464)
	90-94 years	0.8 (0.3-1.7)	4.8 (1.7-10.6)	5.000	321.8 (109.5-716.8)	376.7 (132.7-832.5)	0.623 (0.422-0.823)
	95+ years	0.2 (0.1-0.4)	1.2 (0.5-2.7)	5.000	413.2 (167.8-908.5)	442.2 (187.1-967.1)	0.247 (-0.053-0.548)
	40-44 years	16.8 (10.4-26.1)	25 (17.6-35.1)	0.488	52.7 (32.5-81.6)	64.3 (45.3-90.2)	0.369 (0.187-0.552)
	45-49 years	39.3 (19.7-66)	50.1 (26.4-84.2)	0.275	154.2 (77.4-259.3)	133.8 (70.5-224.8)	-0.011 (-0.164-0.142)
	50-54 years	93.9 (64.9-132.1)	139.4 (100.2-187.7)	0.485	407.5 (281.4-573)	372.2 (267.6-501.2)	0.049 (-0.066-0.165)
	55-59 years	167.5 (94.3-256.6)	276.5 (162.8-403.6)	0.651	805.1 (453.1-1233.7)	763.4 (449.4-1114.2)	0.04 (-0.03-0.111)
	60-64 years	242.4 (170.2-326.1)	407.7 (302.9-533.5)	0.682	1283.1 (900.7-1725.9)	1223.1 (908.6-1600.4)	0.119 (0.004-0.233)
	65-69 years	268 (160.5-397)	498.9 (319.3-716.5)	0.862	1742.7 (1043.5-2581.8)	1717.1 (1099.1-2466.3)	0.189 (0.058-0.32)
	70-74 years	167.2 (108.9-231.1)	400.3 (273.2-546.9)	1.394	1594.2 (1038.2-2203.3)	1599.4 (1091.7-2185.4)	0.224 (0.127-0.322)
	75-79 years	89.8 (61.2-128.5)	177.3 (121.5-244.4)	0.974	1105 (752.8-1581.7)	1085.6 (744.2-1496.6)	0.193 (0.095-0.29)
	80-84 years	32 (13.5-54.3)	74.4 (35.2-120.9)	1.325	687.2 (289.8-1167.9)	656.4 (310.9-1066.3)	0.259 (0.102-0.416)
	85-89 years	7.2 (2.9-12.3)	23.7 (10.5-40.2)	2.292	378 (151.2-644.7)	383.9 (169.9-651.5)	0.423 (0.26-0.586)
	90-94 years	1.5 (0.6-3.1)	7.4 (3.1-14.2)	3.933	292.8 (111.8-600.8)	305.9 (129.4-587.6)	0.271 (0.101-0.44)
	95+ years	0.5 (0.2-1.1)	2.8 (1.2-6.2)	4.600	467.6 (197.1-986.1)	393.2 (171.2-868)	-0.603 (-0.784--0.421)

Table S9. The DALYs of benign prostatic hyperplasia cases and rates in 1990 and 2021, and the trends in age patterns from 1990 to 2021

location	DALYs cases				DALYs rates		
	Age group	1990_ thousand (95% UI)	2021_ thousand (95% UI)	percentage change (100%)	1990_per 100 000 (95% UI)	2021_per 100 000 (95% UI)	EAPC (95% CI)
Global	40-44 years	2.7 (1.3-5.2)	4.9 (2.5-8.7)	0.815	1.8 (0.9-3.5)	1.9 (1-3.5)	0.087 (0.007-0.167)
	45-49 years	18.1 (8.1-34.5)	33.8 (16-63.1)	0.867	15.2 (6.8-29.1)	14.2 (6.7-26.5)	-0.04 (-0.146-0.067)
	50-54 years	54.8 (29.5-93.4)	98 (53.4-165.5)	0.788	50.9 (27.4-86.8)	44.1 (24.1-74.5)	-0.125 (-0.263-0.014)
	55-59 years	117.7 (64-196.5)	219.1 (121.2-363.1)	0.862	126.7 (68.9-211.5)	112.5 (62.2-186.5)	-0.106 (-0.215-0.004)
	60-64 years	191.8 (105.3-318)	350.8 (196.3-576.6)	0.829	244.2 (134.1-404.8)	225.6 (126.2-370.7)	-0.138 (-0.235--0.042)
	65-69 years	219.1 (129.1-351)	484 (288.5-778.1)	1.209	382.2 (225.1-612.2)	367.1 (218.8-590.2)	-0.074 (-0.113--0.036)
	70-74 years	187 (107.8-296.3)	470.8 (277.1-750.7)	1.518	497.1 (286.5-787.8)	488.4 (287.5-778.8)	0.043 (0.007-0.079)
	75-79 years	132.9 (78.3-209.5)	309.4 (183.9-484)	1.328	526.6 (310.2-830.4)	517.5 (307.5-809.5)	0.106 (0.054-0.159)
	80-84 years	63.4 (35.6-96.7)	176.5 (99.5-267.6)	1.784	477.4 (268.2-728.1)	481.6 (271.4-730.2)	0.155 (0.106-0.203)
	85-89 years	19.5 (10.7-29.1)	67.6 (37.6-100.1)	2.467	384.6 (212-574.9)	391.8 (218.2-580.4)	0.154 (0.111-0.197)
	90-94 years	3.6 (1.9-5.4)	17.4 (9.4-26.1)	3.833	284.6 (150.4-431.1)	298.9 (161.7-448.1)	0.189 (0.143-0.236)
	95+ years	0.6 (0.3-0.9)	3.4 (1.8-5.3)	4.667	224.8 (118.5-350.2)	227.4 (121.1-347.4)	0.043 (-0.009-0.096)
Low SDI	40-44 years	0.2 (0.1-0.4)	0.5 (0.2-0.9)	1.500	1.8 (0.8-3.6)	1.8 (0.8-3.5)	-0.023 (-0.058-0.011)
	45-49 years	1.4 (0.6-2.7)	3.3 (1.4-6.4)	1.357	16.4 (7.5-31.7)	16 (6.8-30.6)	-0.016 (-0.043-0.012)
	50-54 years	3.8 (1.9-6.6)	8.5 (4.4-14.7)	1.237	52.9 (26.8-91.5)	51.9 (26.8-89.3)	0.015 (-0.016-0.047)
	55-59 years	7.7 (4.2-12.8)	15.8 (8.5-26.3)	1.052	127.4 (69.6-212.5)	125.1 (67.5-208.6)	0.024 (-0.008-0.055)
	60-64 years	11.3 (6.1-18.9)	22.6 (12.3-38)	1.000	231 (124-387.1)	232 (126.7-390.6)	0.082 (0.062-0.101)
	65-69 years	12.4 (7.1-20.3)	27.5 (15.8-44.7)	1.218	345.7 (198.8-567.1)	371.6 (213.8-604.2)	0.234 (0.219-0.249)
	70-74 years	10.4 (5.8-17)	24.8 (13.8-39.8)	1.385	431.4 (239-702.1)	490.4 (271.8-786.2)	0.323 (0.295-0.352)
	75-79 years	6 (3.4-9.6)	15.6 (9-25.1)	1.600	443.5 (253.9-710.1)	505.3 (291.4-810.1)	0.323 (0.293-0.353)
	80-84 years	2.5 (1.4-4)	7.1 (4-11)	1.840	406.1 (226.5-635.8)	456.6 (254.3-708.6)	0.267 (0.24-0.294)
	85-89 years	0.7 (0.4-1.1)	2.2 (1.2-3.4)	2.143	335 (181.7-524.2)	375.5 (200.6-576)	0.158 (0.084-0.231)
	90-94 years	0.1 (0.1-0.2)	0.5 (0.2-0.7)	4.000	262 (132-406.4)	291.6 (146.1-443.2)	0.141 (-0.009-0.291)
	95+ years	0 (0-0)	0.1 (0-0.1)	Inf	225.1 (113.2-359.5)	235 (119.9-371.6)	0.08 (-0.124-0.284)
Low-middle SDI	40-44 years	0.6 (0.3-1.2)	1.2 (0.6-2.4)	1.000	2.2 (1-4.3)	2.1 (1-4.1)	-0.003 (-0.048-0.043)
	45-49 years	4.6 (2-8.7)	9.1 (4.1-17.3)	0.978	20 (8.6-38.1)	18.6 (8.3-35.2)	-0.031 (-0.106-0.044)
	50-54 years	12.5 (6.5-21.5)	24.9 (13-42.7)	0.992	64.7 (33.8-111.4)	59.7 (31.2-102.5)	-0.041 (-0.125-0.044)
	55-59 years	25.1 (13.6-41.9)	49.1 (26.7-82.1)	0.956	156.6 (85.1-261.9)	143.8 (78.3-240.4)	-0.035 (-0.124-0.053)
	60-64 years	37.3 (20.1-62.7)	75 (41.1-125.4)	1.011	284.6 (153.8-478.9)	270.3 (147.9-451.7)	0.006 (-0.056-0.069)
	65-69 years	40.4 (23.3-65.1)	95.4 (55.4-153.2)	1.361	437.8 (252.4-705.7)	446.8 (259.6-717.7)	0.108 (0.093-0.122)
	70-74 years	33.7 (19.2-53.9)	88.9 (50.4-141.9)	1.638	549 (313.2-878.5)	593.6 (336.9-947.8)	0.193 (0.164-0.221)
	75-79 years	20.9 (12.2-33.2)	57.4 (33.6-90.5)	1.746	555.9 (323.2-883.2)	615.1 (360.1-969.8)	0.257 (0.216-0.298)
	80-84 years	10.1 (5.7-15.7)	28 (15.9-43.2)	1.772	499.2 (283.8-775.9)	553.5 (313.6-853.7)	0.285 (0.256-0.315)
	85-89 years	3.3 (1.8-5)	9.7 (5.4-14.8)	1.939	413.5 (228.3-635.8)	456.8 (254-693.4)	0.252 (0.219-0.285)
	90-94 years	0.6 (0.3-1)	2.4 (1.2-3.5)	3.000	320.8 (167.8-489.7)	351.3 (182.5-525.2)	0.199 (0.165-0.233)
	95+ years	0.1 (0.1-0.2)	0.4 (0.2-0.7)	3.000	255.9 (134.6-399.9)	262 (139.2-404.4)	-0.101 (-0.165--0.037)
Middle SDI	40-44 years	0.7 (0.3-1.5)	1.5 (0.7-2.8)	1.143	1.6 (0.7-3.3)	1.8 (0.8-3.3)	0.327 (0.199-0.455)
	45-49 years	5.2 (2.3-10.1)	10.8 (5-20.8)	1.077	14.2 (6.2-27.8)	13.3 (6.1-25.6)	0.124 (-0.06-0.308)
	50-54 years	15.1 (8-26.3)	33 (18-56.3)	1.185	47.5 (25.2-82.7)	42.4 (23.2-72.3)	0.067 (-0.108-0.242)

High-middle SDI	55-59 years	33.7 (18.1-56.9)	75.8 (41.7-126.2)	1.249	123.5 (66.5-208.7)	112.3 (61.8-186.9)	0.129 (-0.02-0.278)
	60-64 years	53.1 (28.8-88.8)	118.3 (65.9-194.3)	1.228	245.4 (133.3-410.7)	238.4 (132.9-391.6)	0.069 (-0.049-0.186)
	65-69 years	65.4 (38-106.8)	169.9 (99.7-276.5)	1.598	422.7 (245.8-689.9)	395.1 (231.9-643.2)	0.006 (-0.068-0.08)
	70-74 years	59 (33.1-96.4)	160.6 (92.3-256.7)	1.722	582.3 (326.8-951.2)	548.4 (315.3-876.7)	0.01 (-0.054-0.073)
	75-79 years	38.3 (22-60.2)	110.3 (65.1-173.2)	1.880	652.7 (374.9-1026.3)	612.4 (361.4-961.6)	-0.027 (-0.094-0.039)
	80-84 years	18.1 (10.1-27.7)	60.9 (34-93.3)	2.365	632 (353.9-969.8)	593.6 (331.3-909.8)	-0.054 (-0.118-0.011)
	85-89 years	5.6 (3.1-8.5)	22.5 (12.3-33.6)	3.018	525.3 (286.6-793.2)	509.3 (278.9-761.2)	-0.014 (-0.054-0.026)
	90-94 years	1 (0.5-1.4)	5.2 (2.7-7.8)	4.200	383 (200-579.1)	393.6 (207.9-595.7)	0.114 (0.1-0.128)
	95+ years	0.1 (0.1-0.2)	1 (0.5-1.5)	9.000	287.5 (151.7-445.4)	295.1 (157.8-452.1)	0.088 (0.061-0.114)
	40-44 years	0.5 (0.3-1.1)	0.7 (0.3-1.3)	0.400	1.7 (0.8-3.4)	1.5 (0.7-2.9)	-0.425 (-0.599--0.249)
	45-49 years	3.7 (1.6-7.1)	5.6 (2.7-10.8)	0.514	14.8 (6.6-28.6)	11.5 (5.5-22.2)	-0.728 (-0.87--0.586)
	50-54 years	14.7 (7.7-25)	18.2 (9.8-30.6)	0.238	55.9 (29.5-95.2)	37.6 (20.3-63.2)	-0.882 (-1.089--0.675)
	55-59 years	31.6 (17.1-53)	46.6 (25.5-77.3)	0.475	139.2 (75.3-233.6)	105.8 (57.8-175.4)	-0.662 (-0.815--0.509)
	60-64 years	56.9 (31.3-93.7)	81.4 (45.3-133.1)	0.431	284.8 (156.5-469)	232.8 (129.6-380.8)	-0.643 (-0.797--0.49)
	65-69 years	58.8 (34.8-92.9)	117.8 (69.8-190.3)	1.003	432.4 (255.8-683.6)	380.6 (225.5-615)	-0.516 (-0.618--0.414)
	70-74 years	47.8 (27.7-77)	114.3 (67-182.7)	1.391	567.6 (328.8-915)	520.5 (305.1-831.8)	-0.26 (-0.365--0.154)
	75-79 years	38.6 (22.3-59.9)	69.8 (40.2-109.1)	0.808	632.3 (364.9-982)	538.5 (310.4-841.9)	-0.139 (-0.257--0.021)
	80-84 years	17.8 (10-27.2)	45.7 (25.7-68.3)	1.567	573.5 (320.9-874.4)	542.7 (305.3-812.2)	-0.012 (-0.113-0.09)
	85-89 years	5 (2.7-7.4)	17.3 (9.6-25.8)	2.460	457.5 (250.7-684.5)	441.2 (243.4-657.6)	0.065 (-0.051-0.182)
	90-94 years	0.8 (0.4-1.2)	4.3 (2.3-6.5)	4.375	332.1 (173.1-502.4)	341.3 (179.8-513.5)	0.286 (0.066-0.507)
	95+ years	0.1 (0.1-0.2)	0.7 (0.4-1)	6.000	245.9 (129.8-377.9)	244.1 (129-376.8)	0.142 (-0.21-0.495)
	40-44 years	0.6 (0.3-1.2)	1 (0.6-1.7)	0.667	1.9 (0.9-3.7)	2.6 (1.4-4.4)	0.528 (0.226-0.831)
	45-49 years	3.2 (1.6-5.7)	4.8 (2.7-8)	0.500	12.6 (6.4-22.3)	12.9 (7.1-21.5)	0.254 (0.162-0.346)
	50-54 years	8.7 (4.9-14.6)	13.3 (7.7-21.7)	0.529	37.7 (21.4-63.4)	35.4 (20.6-57.9)	0.184 (0.085-0.283)
	55-59 years	19.5 (11-31.8)	31.6 (18.1-49.7)	0.621	93.8 (52.7-153.1)	87.1 (50-137.1)	0.059 (-0.033-0.151)
	60-64 years	33.1 (19.1-53.2)	53.2 (31.3-82.9)	0.607	175.3 (101.3-281.7)	159.7 (93.8-248.8)	-0.048 (-0.139-0.043)
High SDI	65-69 years	41.8 (25.4-65.2)	73.1 (45.7-112)	0.749	271.9 (165.3-423.8)	251.5 (157.2-385.5)	-0.044 (-0.13-0.043)
	70-74 years	35.9 (21.4-56.7)	81.7 (50.1-128.1)	1.276	342.5 (204.3-540.8)	326.5 (200.3-511.6)	-0.004 (-0.065-0.057)
	75-79 years	28.9 (17.4-44.6)	56 (33.2-85.2)	0.938	356.3 (214.5-549)	342.6 (203.3-521.8)	0.028 (-0.027-0.083)
	80-84 years	14.8 (8.6-22.6)	34.7 (20.9-52.1)	1.345	318.1 (185.8-485.1)	306.2 (184.7-459.4)	0.07 (0.013-0.127)
	85-89 years	4.9 (2.8-7.6)	15.8 (8.9-23.2)	2.224	258.2 (144.3-395.5)	255.5 (144.8-375.5)	0.18 (0.118-0.241)
	90-94 years	1.1 (0.6-1.6)	5.1 (2.8-7.5)	3.636	203.6 (110.5-309.8)	211 (116.9-311.5)	0.242 (0.181-0.304)
	95+ years	0.2 (0.1-0.3)	1.3 (0.7-1.9)	5.500	178.5 (92.6-278.4)	180.7 (99.5-267)	0.048 (-0.037-0.133)