

**Enhancing Healthcare Decision-making: Comparison between health technology assessments and access to medical care in a high-income country vs. low/middle income countries**

**Appendix 1**

**Table 1: GDP and percentage of GDP spent on health expenditure in both countries [19, 20, 21, 22, 23]**

Country	Category	GDP [IMF-2023] (USD million)	GDP (current US\$)	Current health expenditure (% of GDP)
Afghanistan	L	206,007	2020: 20143451706 2021: 14583135237	2020: 15.5336139 2021: 16.8260623
Algeria	LM	-	2020: 145743722826.258 2021: 163472233245.77 2022: 191912889420.911	2020: 6.32117987
American Samoa	H	-	2020: 716000000 2021: 709000000	-
Andorra	H	3,669	2020: 2891001149 2021: 3325145407 2022: 3352032737	2022: 9.05175877
Angola	LM	117,877	2020: 50241368244 2021: 65685435100 2022: 106713618735.434	2020: 2.91183472
Antigua and Barbuda	H	1,864	2020: 1416348148 2021: 1560518519 2022: 1757603704	2020: 5.61472893
Aruba	H	3,633	2020: 2610038939 2021: 3126019385	2020: 5.85549699
Australia	H	1,707,548	2020: 1326944627876.87 2021: 1552703151616.01 2022: 1675418665067.09	2020: 10.6489954
Austria	H	515,199	2020: 435225238000.43 2021: 480368403893.364 2022: 471400066091.247	2020: 11.4742603 2021: 12.1735706
Bahamas	H	14,114	2020: 9754600000 2021: 11527600000 2022: 12897400000	2020: 7.59363365
Bahrain	H	44,870	2020: 34621807713 2021: 39303403989 2022: 44390820479	2020: 4.72300106
Bangladesh	LM	420,516	2020: 373902196399.317 2021: 416264802185.166 2022: 460201000095.101	2020: 2.6280098

Barbados	H	6,117	2020: 4671800000 2021: 4843800000 2022: 5637914515	2020: 7.20014429
Belgium	H	624,248	2020: 525213067068.319 2021: 594351961634.487 2022: 578604103123.349	2020: 11.0645323
Benin	LM	19,236	2020: 15651545209 2021: 17690083520 2022: 17401746309	2020: 2.5893681
Bermuda	H	-	2020: 6887147000 2021: 7127200000 2022: 7550500000	-
Bhutan	LM	2,683	2020: 2325185521 2021: 2539551327	2020: 4.37174511
Bolivia	LM	46,097	2020: 36629843806 2021: 40408208524 2022: 43068885673	2020: 7.857059
British Virgin Islands	H	-	-	-
Brunei Darussalam	H	15,988	2020: 12005795915 2021: 14006497000 2022: 16681531646	2020: 2.39377809
Burkina Faso	L	21,076	2020: 17933606213 2021: 19737616003 2022: 18884619613	2020: 6.71932602
Burundi	L	3,234	2020: 2649680261 2021: 2775798697 2022: 3073414678	2020: 6.50141716
Cabo Verde	LM	2,468	2020: 1878277311 2021: 2091741774 2022: 2314816792	2020: 6.01976061
Cambodia	LM	30,628	2020: 25872797892 2021: 26961061152 2022: 29956769529	2020: 7.50527
Cameroon	LM	48,625	2020: 40773241212 2021: 45338285386 2022: 44341646509	2020: 3.76582599
Canada	H	2,089,672	2020: 1647598402302.68 2021: 2001486745423.92 2022: 2139840023673.81	2020: 12.9396753 2021: 11.6788225
Cayman Islands	H	-	2020: 5647224973 2021: 6028373541	-
Central African Republic	L	2,736	2020: 2326720902 2021: 2516498412 2022: 2382618615	2020: 9.40206814

Chad	L	11,962	2020: 10715396051 2021: 11779981332 2022: 12704149842	2020: 5.40748835
Channel Islands	H	-	2020: 9811538462 2021: 11735662220	-
Chile	H	358,557	2020: 254096103516.324 2021: 316713577508.673 2022: 301025249437.947	2020: 9.75300503 2021: 9.09627819
Comoros	LM	1,348	2020: 1225039196 2021: 1296089479 2022: 1242519407	2020: 5.34622765
Congo, Dem. Rep.	L	69,474	2020: 48716961865 2021: 55350968593 2022: 58065953573	2020: 4.05092573
Congo, Rep.	LM	13,031	2020: 10483151094 2021: 13366230821 2022: 14615532210	2020: 4.46762228
Cote d'Ivoire	LM	-	2020: 62982768372 2021: 71811075955 2022: 70018715017	2020: 3.72245775
Croatia	H	78,881	2020: 57624938982 2021: 68843674641 2022: 70964606465	2020: 7.76502275
Curacao	H	-	2020: 2496174749 2021: 2699612458	-
Cyprus	H	30,864	2020: 25008266159 2021: 28408064462 2022: 28439052741	2020: 8.0934782
Czech Republic	H	330,483	2020: 245974558654.043 2021: 281791218507.1 2022: 290923534700.518	2020: 9.24007225
Denmark	H	405,626	2020: 355222449505.211 2021: 398303272764.46 2022: 395403906582.001	2020: 10.5281754 2021: 10.8463221
Djibouti	LM	3,916	2020: 31810711154 2021: 3372287462 2022: 3515109075	2020: 2.00786304
Egypt, Arab Rep.	LM	378,110	2020: 383817841547.099 2021: 424671765455.704 2022: 476747720364.742	2020: 4.36497974
Eritrea	L	2,666	-	2020: 4.09359646
Estonia	H	41,551	2020: 107657734392.446 2021: 111261882913.342 2022: 126783472501.134	2020: 7.75206661 2021: 7.46633816

Eswatini	LM	4,824	2020: 3982236726 2021: 4748702401 2022: 4854167638	2020: 6.51153374
Ethiopia	L	156,083	2020: 107657734392.446 2021: 111261882913.342 2022: 126783472501.134	2020: 3.48096275
Faeroe Islands	H		2020: 3248670978 2021: 3649878680	-
Finland	H	301,670	2020: 271886077382.097 2021: 296387625263.561 2022: 280825957768.484	2020: 9.61349583
France	H	2,923,489	2020: 2639008701648.21 2021: 2957879759263.52 2022: 2782905325624.52	2020: 12.2050495
French Polynesia	H	-	2020: 5731835679 2021: 6080359305	-
Gambia	L	2,277	2020: 1812170878 2021: 2038414974 2022: 2273060863	2020: 2.6129365
Germany	H	4,308,854	2020: 3889668895299.56 2021: 4259934911821.64 2022: 4072191736089.51	2020: 12.8224888 2021: 12.8053951
Ghana	LM	66,622	2020: 70043095503 2021: 79156409410 2022: 72838798788	2020: 3.99029994
Gibraltar	H		-	-
Greece	H	239,300	2020: 188925995936.803 2021: 214873879833.648 2022: 219065872466.25	2020: 9.50820732
Greenland	H	-	2020: 3082909158 2021: 3235816195	-
Guam	H	-	2020: 5886000000 2021: 6123000000	-
Guinea	LM	23,330	2020: 14177835841 2021: 16091817842 2022: 21227749389	2020: 4.0445075
Guinea-Bissau	L	1,887	2020: 1431758232 2021: 1638517607 2022: 1633559092	2020: 8.40978622
Guyana	H	16,309	2020: 5471256595 2021: 8044498801 2022: 15357537068	2020: 5.50864172
Haiti	LM	26,580	2020: 14508222518 2021: 20877414952 2022: 20253551885	2020: 3.22171094

Honduras	LM	32,860	2020: 23827859695 2021: 28488721296 2022: 31717700115	2020: 9.03509808 2021: 9.10415936
Hong Kong SAR, China	H	382,854	2020: 344943149590.058 2021: 368911387845.418 2022: 359838598806.091	-
Hungary	H	188,505	2020: 157227094449.074 2021: 182275444031.79 2022: 178788572067.589	2020: 7.25031424
Iceland	H	28,625	2020: 21553080484 2021: 25552639899 2022: 27841648044	2020: 9.55796337 2021: 9.65296936
India	LM	3,736,882	2020: 2671595389575.7 2021: 3150306834279.65 2022: 3385089881935.39	2020: 2.95919013
Iran, Islamic Rep.	LM	367,970	2020: 239735486745.704 2021: 359096907772.985 2022: 388544468139.733	2020: 5.33579969
Ireland	H	594,095	2020: 425852281928.114 2021: 504182603275.542 2022: 529244870222.765	2020: 7.10143661 2021: 6.7280345
Isle of Man	H		2020: 6684229269	-
Israel	H	539,223	2020: 413267669231.522 2021: 488526545878.891 2022: 522033446211.625	2020: 8.31950188
Italy	H	2,169,745	2020: 1897210466667.52 2021: 2114355756913.92 2022: 2010431598465.38	2020: 9.63378334 2021: 9.45429516
Japan	H	4,409,738	2020: 5048789595589.43 2021: 5005536736792.29 2022: 4231141201863.17	2020: 10.9042511
Jordan	LM	52,061	2020: 43579916197 2021: 45116317042 2022: 47451499859	2020: 7.4691391
Kenya	LM	118,130	2020: 100657505600.655 2021: 109703659312.872 2022: 113420008178.793	2020: 4.29190731
Kiribati	LM	248	2020: 177553260.1 2021: 227610034.8 2022: 223352943.2	2020: 11.6418419
Korea, Dem. Rep.	L	-	-	-
Korea, Rep.	H	1,721,909	2020: 1644312785467.12 2021: 1810955871380.98 2022: 1665245538594.96	2020: 8.36409569

Kuwait	H	164,713	2020: 105948765156.029 2021: 136797422273.868 2022: 184558274288.737	2020: 6.30743313
Kyrgyz Republic	LM	12,309	2020: 7780873259 2021: 8740681889 2022: 10930644915	2020: 5.25933695
Lao PDR	LM	14,091	2020: 18981800705 2021: 18827148530 2022: 15724383783	2020: 2.6947608
Latvia	H	47,398	2020: 34601740323 2021: 39725383601 2022: 41153912663	2020: 7.44663048
Lebanon	LM	-	2020: 31712128254 2021: 23131941557	2020: 7.95365763
Lesotho	LM	2,584	2020: 2117736528 2021: 2373416269 2022: 2553459763	2020: 11.7842856
Liberia	L	4,375	2020: 3039982500 2021: 3509000000 2022: 4001047150	2020: 9.49941349
Liechtenstein	H	-	2020: 6405765970 2021: 7186428783	-
Lithuania	H	78,346	2020: 56914826861 2021: 66414994992 2022: 70334299008	2020: 7.53844357 2021: 7.85175848
Luxembourg	H	86,971	2020: 73992591285 2021: 85506243834 2022: 82274812251	2020: 5.76745605 2021: 5.35417652
Macao SAR, China	H	35,841	2020: 25459685020 2021: 30123795337 2022: 21979475561	-
Madagascar	L	15,969	2020: 13051441203 2021: 14554754115 2022: 14954967604	2020: 3.87958431
Malawi	L	11,277	2020: 12056108780 2021: 12602334124 2022: 13164667627	2020: 5.43400049
Mali	L	20,776	2020: 17465392779 2021: 19309463506 2022: 18827176532	2020: 4.3081193
Malta	H	19,405	2020: 15046136935 2021: 17743376199 2022: 17765270015	2020: 10.8352157
Mauritania	LM	10,966	2020: 8405498736 2021: 9996240419 2022: 10375460680	2020: 3.35572982

Micronesia, Fed. Sts.	LM	456	2020: 408000000 2021: 404028900 2022: 427094119.1	2020: 11.5599966
Monaco	H	-	2020: 6739642360 2021: 8596156574	2020: 1.67133093
Mongolia	LM	16,908	2020: 13312981427 2021: 15286441740 2022: 16810883361	2020: 4.94451141
Morocco	LM	138,781	2020: 121347533649.793 2021: 142866583124.696 2022: 134181587769.796	2020: 5.99316072
Mozambique	L	19,909	2020: 14156864916 2021: 15776757420 2022: 17851491428	2020: 7.61939621
Myanmar	LM	63,988	2020: 78930259069 2021: 65124769602 2022: 59364362541	2020: 4.62411975
Nauru	H	151	2020: 124685686.6 2021: 145536603.2 2022: 150922211	2020: 11.9689837
Nepal	LM	42,097	2020: 33433659223 2021: 36924841430 2022: 40828247302	2020: 5.17351818
Netherlands	H	1,080,880	2020: 909793466661.466 2021: 1011798853062 2022: 991114635529.187	2020: 11.1359272 2021: 11.2113247
New Caledonia	H	-	2020: 9454629451 2021: 10071349707	-
New Zealand	H	251,969	2020: 212569779569.515 2021: 255551704625.831 2022: 247234053739.267	2020: 10.0285873
Nicaragua	LM	17,287	2020: 12678162359 2021: 14145852101 2022: 15671583878	2020: 8.62854576
Niger	L	16,617	2020: 13744174582 2021: 14915002098 2022: 13969605583	2020: 6.20069504
Nigeria	LM	506,601	2020: 432198936002.177 2021: 440833583992.485 2022: 477386120635.845	2020: 3.38063431
Northern Mariana Islands	H		2020: 858000000	-
Norway	H	554,105	2020: 367633418886.627 2021: 490293364377.183 2022: 579267365866.343	2020: 11.4175501 2021: 10.0862846

Oman	H	104,902	2020: 75909397659 2021: 88191977373 2022: 114667360208.062	2020: 5.32572365
Pakistan	LM	-	2020: 300425609206.18 2021: 348262544719.247 2022: 376532751806.989	2020: 2.95390352
Panama	H	77,257	2020: 57086836942 2021: 67406738052 2022: 76522511781	2020: 9.66291618
Papua New Guinea	LM	31,362	2020: 23848442440 2021: 26311656000 2022: 30633444295	2020: 2.52693653
Philippines	LM	440,901	2020: 361751145432.404 2021: 394087362017.318 2022: 404284327311.713	2020: 5.11274004 2021: 5.6067462
Poland	H	748,887	2020: 599442783603.187 2021: 679441900610.663 2022: 688176605954.787	2020: 6.49310207 2021: 6.59315157
Portugal	H	267,721	2020: 229031860520.773 2021: 253982847571.015 2022: 251945377529.388	2020: 10.5493059 2021: 11.2107649
Puerto Rico	H	120,838	2020: 103130900000 2021: 106368900000 2022: 113434800000	-
Qatar	H	219,570	2020: 144411363345.27 2021: 179677131707.294 2022: 237295575171.103	2020: 4.18303919
Romania	H	348,902	2020: 251362534092.315 2021: 285404683024.537 2022: 301261582924.085	2020: 6.27236223
Rwanda	L	13,149	2020: 10172925172 2021: 11055281971 2022: 13312796765	2020: 7.3156209
Samoa	LM	898	2020: 868898350.4 2021: 843850777.8 2022: 832421565.4	2020: 5.32613707
San Marino	H	1,807	2020: 1541247884 2021: 1855382833	2020: 8.69089031
São Tomé and Príncipe	LM	625	2020: 472551023.6 2021: 526653790.7 2022: 546680341.6	2020: 4.90671349
Saudi Arabia	H	1,061,902	2020: 734271183954.88 2021: 868585871464.541 2022: 1108148978218.49	-
Senegal	LM	31,221	2020: 24530513059 2021: 27569136728 2022: 27684430244	2020: 5.15119171



Seychelles	H	1,950	2020: 1183515398 2021: 1286687873 2022: 1588406479	2020: 6.38917351
Sierra Leone	L	3,520	2020: 4062906364 2021: 4249234574 2022: 3970343852	2020: 8.75637054
Singapore	H	515,548	2020: 348392174863.651 2021: 423796995372.726 2022: 466788539651.836	2020: 6.05388212
Sint Maarten (Dutch part)	H	-	2020: 1240279330 2021: 1384636872 2022: 1571564246	-
Slovak Republic	H	127,533	2020: 106728917483.033 2021: 118656591909.266 2022: 115468803971.543	2020: 7.23213387
Slovenia	H	68,108	2020: 53706800044 2021: 61748586535 2022: 62117768015	2020: 9.45357895 2021: 9.15498257
Solomon Islands	LM	1,701	2020: 1536145831 2021: 1580303517 2022: 1595710784	2020: 4.43218184
Somalia	L	8,738	2020: 6883000000 2021: 7628000011 2022: 8126105600	-
South Sudan	L	7,012	-	2020: 5.25355768
Spain	H	1,492,432	2020: 1276962685648.23 2021: 1427380681294.55 2022: 1397509272054.48	2020: 10.7137499
Sri Lanka	LM	-	2020: 84440535699 2021: 88496535599 2022: 74403578363	2020: 4.06584978
St. Kitts and Nevis	H	1,052	2020: 884522222.2 2021: 860844444.4 2022: 961563259.3	2020: 5.36557055
St. Martin (French part)	H		-	-
Sudan	L	46,705	2020: 27034593750 2021: 34229513775 2022: 51662241775	2020: 3.01747656
Sweden	H	599,052	2020: 547054174235.876 2021: 636856236396.239 2022: 585939170123.856	2020: 11.3799276 2021: 11.2799273
Switzerland	H	869,601	2020: 739913619797.445 2021: 800640155387.26 2022: 807706035351.75	2020: 11.7963505

Syrian Arab Republic	L	-	2020: 11159274040	-
Taiwan, China	H	790,728	-	-
Tajikistan	LM	12,796	2020: 8133963813 2021: 8937805347 2022: 10492123388	2020: 8.17697811
Tanzania	LM	85,421	2020: 66068737757 2021: 70655628141 2022: 75709289056	2020: 3.74659801
Timor-Leste	LM	1,988	2020: 2158392500 2021: 3621222400 2022: 3163324631	2020: 9.85141468
Togo	L	9,001	2020: 7389329393 2021: 8334047486 2022: 8126439481	2020: 5.96301126
Trinidad and Tobago	H	28,223	2020: 21059428846 2021: 24460196270 2022: 27899082337	2020: 7.31458092
Tunisia	LM	49,815	2020: 42538462678 2021: 46687298709 2022: 46664948952	2020: 6.34364796
Turks and Caicos Islands	H	-	2020: 924583000 2021: 1044778790 2022: 1138808881	-
Uganda	L	49,792	2020: 37605430214 2021: 40510241366 2022: 45559202049	2020: 3.96206594
Ukraine	LM	148,712	2020: 156617719786.254 2021: 199765856764.501 2022: 160502739236.097	2020: 7.61658287
United Arab Emirates	H	498,978	2020: 349473015330.157 2021: 415021590687.543 2022: 507534921715.453	2020: 5.67226824
United Kingdom	H	3,158,938	2020: 2704609160088.15 2021: 3122480345924.54 2022: 3070667732359.21	2020: 11.9775934 2021: 11.9390869
United States	H	26,854,599	2020: 21060473613000 2021: 23315080560000 2022: 25462700000000	2020: 18.8158264
Uruguay	H	77,313	2020: 53666908480 2021: 61412268249 2022: 71177146197	2020: 9.15207481
Uzbekistan	LM	92,332	2020: 60224701296 2021: 69600614989 2022: 80391853885	2020: 6.74741459

Vanuatu	LM	1,064	2020: 909421043.5 2021: 971636097.9 2022: 983582864.6	2020: 3.96995449
Venezuela, RB	LM	96,628	-	2020: 3.81606245
Vietnam	H	449,094	2020: 346615750166.553 2021: 366137590717.804 2022: 408802379068.229	2020: 4.68066788
Virgin Islands (U.S.)	L	-	2020: 4204000000	-
Yemen, Rep.	LM	19,529	-	-
Zambia	LM	29,272	2020: 18110638619 2021: 22147649569 2022: 29784454056	2020: 5.61788416
Zimbabwe	L	29,931	2020: 21509698406 2021: 28371238666 2022: 20678055598	2020: 3.42558146

**L = Lower Income**

**LM = Lower-and-middle Income**

**H = High Income**