

Additional File 2: Value of a statistical life year calculation

Base Value of a Statistical Life Year is \$9.6 million and base gross national income (GNI) per capita is \$57,900 in 2015 United States Dollars (USD) (23), which was inflated using Purchasing Power Parity (PPP) to 2024 USD. The updated values were \$12,369,200.51 for the base value of a statistical life year and \$74,601.74 for the base GNI per capita. An income elasticity of 1.5 was used for the calculation (23).

Country	Sourced from Global Data			Based on individual patient data in the ISARIC COVID-19 Data Platform	
	Average life expectancy Female (22)	Average life expectancy Male (22)	GNI PPP (21) 2023 International dollars (USD 2024)	Age of females who died Mean (SD) N	Age of males who died Mean (SD) N
Argentina	79	73	29,460 (30,127)	67 (14) N=13	69 (11) N=35
Australia	85	81	67,310 (68,835)	71 (8) N=21	71 (10) N=51
Austria	84	79	70,080 (71,668)	58 (10) N=11	62 (10) N=24
Bangladesh	76	72	9,510 (9,725)	27 N=1	NA
Belgium	84	80	69,270 (70,839)	69 (12) N=56	67 (12) N=104
Bolivia	68	62	10,620 (10,861)	40 N=1	58 (14) N=7
Brazil	77	70	20,470 (20,934)	69 (16) N=214	66 (15) N=323
Canada	84	79	62,540 (63,957)	67 (16) N=280	67 (13) N=555
Chile	82	77	31,220 (31,927)	69 (19) N=7	63 (10) N=15
China	81	76	24,360 (24,912)	NA	63 N=1
Colombia	77	70	20,460 (20,923)	55 (20) N=57	58 (15) N=130
Congo	65	62	6,500 (6,647)	NA	83 N=1
Czechia	82	76	49,160 (50,274)	76 (7) N=2	68 (3) N=3
Dominican Republic	78	71	24,480 (25,035)	70 N=1	NA
Egypt	73	68	17,710 (18,111)	72 (10) N=52	70 (10) N=55
Estonia	82	74	45,270 (46,296)	73 (9) N=9	64 (10) N=28
France	85	79	58,920 (60,255)	67 (13) N=101	69 (11) N=327
Germany	83	78	70,710 (73,112)	58 (21) N=14	61 (11) N=30
Ghana	66	62	7,450 (7,619)	58 (12) N=19	57 (15) N=22
Guinea	60	58	4,000 (4,091)	60 (17) N=3	68 (9) N=10
Hong Kong	87	81	77,970 (79,736)	69 (15) N=2	76 (9) N=16
India	69	66	10,020 (10,247)	60 (15) N=353	61 (15) N=852
Indonesia	70	66	15,020 (15,360)	62 (19) N=141	54 (17) N=302

Iraq	73	69	14,160 (14,481)	72 N=1	72 (14) N=4
Ireland	85	81	94,860 (97,009)	70 (11) N=57	67 (11) N=111
Israel	85	81	53,400 (54,610)	83 (14) N=6	73 (7) N=5
Italy	85	81	56,400 (47,678)	66 (11) N=266	65 (10) N=874
Japan	87	81	52,840 (54,037)	80 (10) N=3	73 (10) N=23
Jordan	77	72	10,290 (10,523)	NA	63 (8) N=2
Kuwait	83	79	61,730 (63,128)	56 (15) N=138	56 (13) N=299
Libya	75	70	13,910 (14,225)	68 (16) N=78	66 (16) N=94
Malawi	66	60	1,780 (1,820)	47 (26) N=5	28 N=1
Malaysia	79	74	35,360 (36,161)	62 (14) N=30	63 (10) N=65
Mexico	78	72	24,150 (24,697)	54 N=1	57 (14) N=10
Nepal	72	69	5,460 (5,584)	61 (17) N=371	60 (16) N=753
Netherlands	83	80	77,450 (79,204)	67 (10) N=31	68 (10) N=120
New Zealand	84	81	51,780 (52,953)	49 (18) N=3	58 (9) N=14
Norway	84	81	105,340 (107,726)	69 (10) N=6	68 (11) N=26
Pakistan	69	64	5,930 (6,064)	59 (15) N=1117	62 (15) N=1938
Palestine	76	71	6,990 (7,148)	68 (12) N=11	65 (11) N=40
Peru	75	71	16,070 (16,434)	59 (11) N=10	55 (12) N=30
Philippines	74	70	12,200 (12,476)	74 (33) N=2	63 N=1
Poland	81	74	44,670 (45,682)	NA	73 (17) N=2
Portugal	85	79	46,010 (47,052)	71 (12) N=104	69 (12) N=247
Qatar	83	81	125,240 (128,077)	63 (16) N=20	59 (12) N=103
Romania	79	72	44,440 (45,447)	90 N=1	50 (12) N=2
Russia	78	68	43,530 (44,516)	70 (14) N=71	69 (13) N=83
Saudi Arabia	80	77	61,440 (62,832)	66 (20) N=39	67 (16) N=73
South Africa	64	59	14,990 (15,330)	61 (16) N=6197	61 (15) N=6351
South Korea	86	80	52,680 (53,873)	79 N=1	68 (7) N=5
Spain	86	80	52,660 (53,853)	67 (11) N=498	67 (9) N=1409
Sudan	68	63	2,720 (2,782)	73 N=1	35 (2) N=2
Syria	76	69	4,610 (4,714)	61 (21)	76 (9)

				N=18	N=23
Thailand	84	75	22,940 (23,460)	NA	68
					N=1
Turkiye	81	75	41,790 (42,737)	71 (4)	55
				N=6	N=1
Uganda	66	61	3,040 (3,109)	58 (21)	59 (13)
				N=64	N=67
Ukraine	74	64	18,120 (18,530)	72.5 (11)	65 (12)
				N=4	N=5
United Arab Emirates	81	78	76,680 (78,417)	52 (22)	56 (11)
				N=9	N=36
United Kingdom	84	80	56,820 (58,107)	64 (14)	65 (12)
				N=3504	N=8201
United States	80	75	82,340 (84,205)	65 (16)	64 (15)
				N=609	N=1161