

SUPPLEMENTARY MATERIAL

Hierarchy cluster analysis

In a hierarchy cluster analysis, the trend in ASR of MSK disorders in 195 countries and territories was divided into 5 categories, ranging from the highest decrease to the highest increase. The number and top 3 EAPC countries (or territories) in each category were high decrease group, 4, including Iceland, Finland, China and India; stable or low decrease group, 48, including El Salvador, American Samoa and Australia; stable or low increase group, 92, including El Salvador, American Samoa and Australia; middle increase group, 35, including Zambia, Burundi and Gambia; high increase group, 16, including Benin, Ivory Coast and Burkina Faso (Figure S1).

Rheumatoid arthritis (RA)

Globally, MSK disorders due to RA accounted for 0.4% of total MSK disorders incident cases in 2017 (Figure 4). The absolute number of incident cases of RA increased by 85.25% from 650 270 in 1990 to 1 204 599 in 2017 (Table S1). The most prominent incident cases were in China, India and USA, and the corresponding change percentage were 119.82%, 92.77% and 84.24%, with country-specific details in Table S6 and Figure S3. The overall ASR of RA was 14.87 per 100 000 in 2017 and increased during this period, with the EAPC of 0.36 (95% CI 0.28 – 0.43). The EAPC (95% CI) in China, India and USA was 0.94 (0.80-1.09), 0.19 (-0.02-0.40), 0.82 (0.74-0.89), respectively (Table S6; Figure S4). More than 70% of incident cases were female, and females had higher ASR and EAPC than males (Table S1). For SDI regions, both the RA cases and the ASR were increased across all 5 regions. Furthermore, the RA cases increased in all 21 geographical regions, with the highest increased detected in Western Sub-Saharan Africa (150.20%). The ASR of RA increased in most regions, with the top 2 EAPCs observed in East Asia (0.91, 95% CI 0.77 – 1.05) and High-income North America (0.85, 95% CI 0.78 – 0.92) (Figure 3, 5A; Table S1).

Osteoarthritis (OA)

In 2017, about 4.5% of total MSK disorders incident cases was ascribed to OA, with 14 933 477 incident cases (Figure 4; Table S2). The absolute number of incident cases of OA increased by 101.97% from 1990 to in 2017 (Table S2). The most prominent incident cases were in China, India and USA, and the corresponding change percentage were 104.95%, 127.58% and 112.15%, with country-specific details in Table S6 and Figure S6. Globally, the ASR was 181.19 per 100 000 in 2017, with the highest one in USA (316.87 per 100 000). The EAPC in ASR was 0.32 (95% CI 0.28 – 0.36), with the EAPC (95% CI) of 0.82 (0.72-0.93) in USA. In contrast, the ASR decreased only in 3 countries, namely Burundi, Central African Republic and Democratic Republic of the Congo (Table S2, S6; Figure S7). The incident cases and the ASR were higher in females than males, but not for EAPC (Table S2). For 5 SDI regions and 21 geographical regions, both the OA cases and the ASR increased across all regions. The highest 2 increased cases was in North Africa and Middle East (179.64%) and Central Latin America (179.05%), while the greatest 2 EAPCs was in High-income North America (0.80, 95% CI 0.71 – 0.90) and Australasia (0.56, 95% CI 0.51 – 0.60) (Figure 3, 5A; Table S2).

Low back pain (LBP)

In 2017, the number of LBP incident cases was 245 858 918, which accounted for 73.4% of total MSK disorders incident cases (Figure 4; Table S3). Globally, LBP incident cases increased by 52.02% from 1990 to 2017 (Table S3). The top 3 highest incident cases were in China, India and USA, and the corresponding change percentage were 22.40%, 69.94% and 35.89%, with country-specific details in Table S6 and Figure S9. The ASR varied across the world, with an overall ASR of 3 078 per 100 000 in 2017, and the top 3 higher ASRs were in New Zealand, Switzerland and Chile. However, the ASR decreased in this period (EAPC = -0.24, 95% CI -0.29 – -0.20), with negative EAPC (95% CI) in China (-0.60, -0.77 – -0.42), India (-0.28, -0.38 – -0.19) and USA (-0.13, -0.16 – -0.10) (Table S3, S6; Figure S8, S10). With respect to regions, the ASR decreased in high-middle and high SDI regions over time, remained stable in low SDI regions, and slightly increased in low middle SDI regions. Moreover, the greatest increase in

ASR of LBP was found in Western Sub-Saharan Africa (0.24, 95% CI 0.17 – 0.32), followed by Andean Latin America, and the most significant decrease in ASR was observed in East Asia (-0.57, 95% CI -0.74 – -0.40), followed by South Asia (Figure 3, 5A; Table S3).

Neck pain (NP)

In 2017, the number of NP incident cases was 65 310 272, which accounted for 19.5% of total MSK disorders incident cases (Figure 4; Table S4). The global incident cases of NP increased by 70.76% from 1990 to 2017 (Tables S4). The top 3 highest incident cases were in China, India and USA, and the corresponding change percentage were 70.76%, 94.85% and 47.46%, with country-specific details in Table S6 and Figure S12. The overall ASR was 807 per 100 000 in 2017, with the highest ASR in Norway (1 037 per 100 000). However, the ASR slightly decreased in this period (EAPC = -0.09, 95% CI -0.13 – -0.05), with the EAPC (95% CI) of 0.11 (0.08-0.14), -0.54 (-0.90 – -0.18), -0.12 (-0.20 – -0.03), in China, India and USA (Figure S11, S12, S13; Table S4, S6). For SDI regions, the ASR of NP only increased in high-middle SDI regions (EAPC = 0.13, 95% CI 0.11 – 0.16). The most pronounced decrease was noted in low SDI regions (EAPC = -0.22, 95% CI -0.37 – -0.06). The ASR of NP displayed a stable or slightly decreasing trend in most regions, except 1 increased ASR (EAPC = 0.11, 95% CI 0.07 – 0.14) in East Asia, and 2 decreased ASRs in South Asia (EAPC = -0.45, 95% CI -0.74 – -0.15) and High-income North America (EAPC = -0.12, 95% CI -0.19 – -0.04) (Figure 3, 5A; Table S4).

Gout

In 2017, about 2.2% of total MSK disorders incident cases was ascribed to gout (Figure 4). The incident cases of gout increased by 97.72% from 3 780 905 in 1990 to 7 437 676 in 2017 (Table S5). The most prominent incident cases were in China, India and USA, and the corresponding change percentage were 111.54%, 117.82% and 99.76%, with country-specific details in Table S6 and Figure S15. The global ASR was 91.80 per 100 000 in 2017, with the highest ASR in New Zealand (190 per 100 000 in 2017),

followed by Australia and USA. The ASR of gout increased in this period, with the EAPC of 0.22 (95% CI 0.21 – 0.23) (Table S5). The EAPC (95% CI) in China, India and USA was 0.23 (0.21-0.26), 0.01 (-0.02-0.03), 0.98 (0.85-1.10), respectively (Figure S15; Table S6). Males made up more than 70% of total gout incident cases, and ASR in males was nearly 3 times higher than that in females. However, the EAPC was higher in females (EAPC = 0.29, 95% CI 0.27 – 0.31) than in males (EAPC = 0.18, 95% CI 0.16 – 0.19) (Table S5). For SDI regions, both the incident cases and the ASR of gout increased across all 5 regions, and the higher SDI index was, the greater the EAPC was. In addition, the gout incident cases increased in all 21 geographical regions, with the highest increased cases in Central Latin America (150.20%). The ASR of gout increased in all regions but remained stable in Central Sub-Saharan Africa. The leading 2 EAPCs were observed in High-income North America (0.96, 95% CI 0.85 – 1.06) and Central Latin America (0.58, 95% CI 0.52 – 0.63) (Figure 3, 5A; Table S5).

Factors associated with incidence by cause

For LBP, association of EAPC with baseline ASR and HDI presents similar pattern as that of MSK disorders (Figure S20). For RA, the EAPC was inversely associated with baseline ASR ($\rho = -0.41$, $p < 0.001$), but not with HDI (Figure S18). For OA and NP, respectively, no correlations were observed between EAPC and baseline ASR and HDI (Figure S19, S21). For gout, the EAPC was inversely associated with baseline ASR ($\rho = -0.42$, $p < 0.001$), and was positively associated with HDI ($\rho = 0.15$, $p = 0.036$) (Figure S22). In addition, the correlations between ASR in 1990 and HDI in 1990, and between ASR in 2017 and HDI in 2017 by specific cause are shown in figures from S24 to S28. The ASR was positively associated with HDI in the corresponding year ($\rho = 0.62$, $p < 0.001$ in 1990; $\rho = 0.53$, $p < 0.001$ in 2017) for MSK disorders, and the associations were all significantly positive for each of the causes, especially for LBP, OA and RA.

Table S1. The incident cases and age-standardized incidence rate of rheumatoid arthritis in 1990 and 2017

Characteristics	1990		2017		1990-2017
	Incident cases No. $\times 10^3$ (95% UI)	ASR per 100,000 No. (95% UI)	Incident cases No. $\times 10^3$ (95% UI)	ASR per 100,000 No. (95% UI)	EAPC No. (95% CI)
Overall	650.27(589.74-711.38)	13.74(12.45-15.00)	1204.60(1071.09-1331.69)	14.87(13.26-16.39)	0.36(0.28-0.43)
Sex					
Male	180.31(162.43-198.31)	7.86(7.11-8.61)	335.46(298.91-371.98)	8.45(7.56-9.36)	0.29(0.24-0.34)
Female	469.95(426.15-513.45)	19.59(17.76-21.40)	869.14(773.31-961.24)	21.19(18.89-23.34)	0.37(0.29-0.45)
Socio-demographic index					
Low SDI	80.37(72.71-88.36)	17.59(15.93-19.24)	161.80(145.52-178.57)	17.52(15.67-19.32)	0.10(-0.02-0.22)
Low-middle SDI	118.61(107.89-129.67)	15.41(14.04-16.78)	240.57(214.89-266.31)	16.56(14.71-18.31)	0.42(0.30-0.53)
Middle SDI	142.00(127.88-156.43)	11.20(10.11-12.25)	295.99(261.02-330.01)	12.72(11.32-14.09)	0.53(0.46-0.60)
High-middle SDI	118.29(105.56-130.72)	11.12(9.96-12.27)	221.02(193.38-248.90)	12.81(11.31-14.32)	0.56(0.45-0.67)
High SDI	188.86(171.46-205.80)	16.84(15.34-18.26)	280.81(252.56-307.30)	18.34(16.73-19.91)	0.33(0.31-0.36)
Region					
High-income Asia Pacific	25.40(22.69-28.27)	12.46(11.16-13.74)	29.56(25.96-33.13)	11.17(9.89-12.39)	-0.51(-0.55--0.47)
Central Asia	6.77(6.07-7.46)	11.77(10.53-12.98)	11.22(9.89-12.57)	12.66(11.18-14.09)	0.35(0.28-0.43)
East Asia	106.89(96.01-118.00)	9.30(8.34-10.21)	232.72(203.85-261.98)	11.75(10.41-13.10)	0.91(0.77-1.05)
South Asia	164.44(148.70-180.22)	20.23(18.38-22.05)	331.16(295.20-366.42)	20.70(18.44-22.90)	0.27(0.10-0.45)
Southeast Asia	20.92(18.93-23.07)	5.88(5.30-6.44)	41.89(36.80-47.26)	6.19(5.48-6.93)	0.25(0.21-0.29)

Australasia	3.63(3.29-3.99)	16.12(14.60-17.72)	6.06(5.35-6.77)	16.50(14.66-18.36)	0.06(0.04-0.08)
Caribbean	5.47(4.94-6.02)	17.77(15.96-19.57)	9.50(8.43-10.60)	19.17(17.05-21.35)	0.39(0.33-0.46)
Central Europe	18.31(16.50-20.18)	12.83(11.59-14.10)	20.80(18.24-23.39)	13.30(11.81-14.81)	0.14(0.13-0.16)
Eastern Europe	30.52(27.03-33.98)	11.56(10.29-12.82)	34.03(29.46-38.60)	12.12(10.69-13.54)	0.26(0.14-0.38)
Western Europe	89.61(81.02-97.75)	18.99(17.28-20.64)	118.35(105.06-131.27)	20.38(18.30-22.39)	0.27(0.24-0.30)
Andean Latin America	5.02(4.55-5.50)	17.69(16.03-19.34)	10.66(9.57-11.80)	18.18(16.31-20.09)	0.10(0.08-0.13)
Central Latin America	18.29(16.67-19.96)	15.98(14.60-17.36)	39.01(34.97-43.05)	15.51(13.92-17.08)	-0.23(-0.31--0.15)
Southern Latin America	8.01(7.20-8.76)	16.57(14.88-18.11)	12.38(11.09-13.65)	16.87(15.13-18.61)	-0.04(-0.08-0.00)
Tropical Latin America	18.69(16.72-20.66)	14.87(13.25-16.45)	38.64(33.96-43.38)	16.06(14.16-17.98)	0.15(0.08-0.21)
North Africa and Middle East	33.82(30.29-37.76)	13.27(11.72-14.82)	83.69(73.50-94.43)	14.96(13.17-16.87)	0.45(0.40-0.50)
High-income North America	56.23(50.99-61.12)	18.37(16.70-19.96)	105.43(96.86-113.71)	22.46(20.88-24.06)	0.85(0.78-0.92)
Oceania	0.36(0.32-0.40)	7.33(6.54-8.14)	0.83(0.73-0.93)	7.94(7.02-8.91)	0.25(0.23-0.27)
Central Sub-Saharan Africa	5.03(4.55-5.52)	14.34(12.94-15.75)	11.08(9.96-12.26)	13.54(12.10-14.97)	-0.24(-0.31--0.18)
Eastern Sub-Saharan Africa	16.86(15.37-18.43)	15.93(14.45-17.38)	33.43(30.09-36.80)	14.53(13.04-16.08)	-0.33(-0.35--0.32)
Southern Sub-Saharan Africa	6.19(5.60-6.79)	15.60(14.05-17.11)	9.67(8.64-10.76)	13.91(12.39-15.45)	-0.30(-0.40--0.20)
Western Sub-Saharan Africa	9.80(8.76-10.91)	7.58(6.77-8.46)	24.52(21.67-27.53)	8.51(7.46-9.54)	0.49(0.44-0.54)

UI, uncertainty interval; ASR, age-standardized incidence rate; CI, confidential interval; EAPC, estimated annual percentage change.

Table S2. The incident cases and age-standardized incidence rate of osteoarthritis in 1990 and 2017

Characteristics	1990		2017		1990-2017
	Incident cases No. $\times 10^5$ (95% UI)	ASR per 100,000 No. (95% UI)	Incident cases No. $\times 10^5$ (95% UI)	ASR per 100,000 No. (95% UI)	EAPC No. (95% CI)
Overall	73.94(65.80-83.14)	167.42(149.20-188.38)	149.33(133.86-167.40)	181.19(162.63-202.40)	0.32(0.28-0.36)
Sex					
Male	30.81(27.37-34.70)	142.51(127.20-160.11)	62.21(55.82-69.59)	154.42(138.74-172.58)	0.33(0.29-0.36)
Female	43.13(38.39-48.51)	191.95(170.80-216.51)	87.12(78.16-97.61)	207.42(186.19-232.10)	0.31(0.26-0.36)
Socio-demographic index					
Low SDI	6.26(5.53-7.07)	154.76(137.19-174.35)	13.78(12.19-15.52)	163.67(145.45-183.98)	0.22(0.19-0.24)
Low-middle SDI	11.06(9.80-12.53)	162.06(143.91-182.52)	24.92(22.15-28.13)	179.64(159.95-202.03)	0.41(0.40-0.42)
Middle SDI	16.64(14.77-18.86)	145.88(130.16-165.05)	38.69(34.36-43.81)	160.02(142.63-180.32)	0.37(0.32-0.42)
High-middle SDI	15.67(13.87-17.72)	154.64(137.46-174.65)	30.54(27.10-34.41)	165.30(147.65-185.99)	0.27(0.19-0.36)
High SDI	24.03(21.46-26.87)	203.53(181.91-227.46)	40.86(37.08-45.20)	230.51(209.47-254.30)	0.47(0.41-0.53)
Region					
High-income Asia Pacific	4.91(4.33-5.52)	229.87(203.54-258.31)	7.31(6.48-8.24)	233.36(206.63-262.76)	0.23(0.08-0.38)
Central Asia	0.65(0.57-0.73)	126.90(112.82-141.66)	1.17(1.04-1.32)	137.01(121.97-153.97)	0.29(0.24-0.33)
East Asia	14.02(12.38-16.03)	131.53(116.04-149.77)	28.63(25.18-32.59)	136.21(120.52-153.93)	0.17(0.00-0.34)
South Asia	12.97(11.49-14.69)	173.72(154.40-195.53)	30.22(26.83-34.00)	192.81(171.81-216.57)	0.42(0.39-0.44)
Southeast Asia	4.72(4.16-5.40)	148.76(131.20-168.94)	11.62(10.20-13.24)	167.52(147.69-190.04)	0.50(0.48-0.52)

Australasia	0.47(0.41-0.53)	205.04(181.60-230.96)	0.95(0.84-1.06)	235.99(209.98-263.62)	0.56(0.51-0.60)
Caribbean	0.38(0.34-0.43)	139.14(123.85-156.39)	0.77(0.69-0.86)	151.05(134.68-169.26)	0.36(0.34-0.38)
Central Europe	2.24(1.99-2.52)	150.21(133.66-169.35)	2.90(2.57-3.26)	160.90(143.47-180.21)	0.29(0.27-0.31)
Eastern Europe	4.53(4.00-5.09)	161.96(143.67-182.19)	5.53(4.88-6.23)	176.02(156.74-197.29)	0.32(0.30-0.34)
Western Europe	9.56(8.49-10.76)	185.90(165.49-209.00)	13.88(12.37-15.54)	200.77(179.46-224.44)	0.32(0.29-0.35)
Andean Latin America	0.36(0.32-0.40)	149.34(132.88-167.54)	0.95(0.85-1.06)	167.35(149.84-186.80)	0.43(0.42-0.43)
Central Latin America	1.32(1.18-1.47)	132.44(118.24-148.12)	3.67(3.29-4.10)	148.44(133.02-165.54)	0.42(0.41-0.43)
Southern Latin America	0.99(0.88-1.12)	208.55(184.97-234.50)	1.79(1.60-2.01)	233.15(207.48-261.69)	0.42(0.40-0.44)
Tropical Latin America	1.52(1.35-1.72)	141.61(126.14-158.71)	3.93(3.51-4.41)	160.30(143.14-179.55)	0.46(0.46-0.47)
North Africa and Middle East	4.28(3.78-4.87)	206.16(182.83-233.11)	11.97(10.56-13.57)	230.99(204.74-260.72)	0.45(0.43-0.48)
High-income North America	7.62(6.86-8.45)	239.16(214.52-265.87)	16.17(14.92-17.54)	306.59(284.98-330.99)	0.80(0.71-0.90)
Oceania	0.06(0.05-0.07)	155.30(137.73-176.17)	0.15(0.13-0.17)	164.18(145.16-186.32)	0.16(0.13-0.20)
Central Sub-Saharan Africa	0.38(0.33-0.43)	133.30(117.66-150.72)	0.89(0.79-1.02)	135.86(120.38-153.21)	0.03(-0.01-0.07)
Eastern Sub-Saharan Africa	1.15(1.02-1.30)	125.28(110.89-141.43)	2.61(2.31-2.96)	132.98(117.59-149.89)	0.23(0.22-0.24)
Southern Sub-Saharan Africa	0.49(0.44-0.56)	154.57(137.31-174.21)	1.07(0.95-1.21)	169.11(150.29-189.56)	0.35(0.33-0.37)
Western Sub-Saharan Africa	1.32(1.17-1.49)	126.08(111.54-142.01)	3.15(2.78-3.57)	137.47(122.19-155.04)	0.27(0.22-0.31)

UI, uncertainty interval; ASR, age-standardized incidence rate; CI, confidential interval; EAPC, estimated annual percentage change.

Table S3. The incident cases and age-standardized incidence rate of low back pain in 1990 and 2017

Characteristics	1990		2017		1990-2017
	Incident cases No. $\times 10^6$ (95% UI)	ASR per 100,000 No. $\times 10^3$ (95% UI)	Incident cases No. $\times 10^6$ (95% UI)	ASR per 100,000 No. $\times 10^3$ (95% UI)	EAPC No. (95% CI)
Overall	161.73(145.29-180.54)	3.36(3.02-3.74)	245.86(221.82-272.42)	3.08(2.78-3.41)	-0.24(-0.29--0.20)
Sex					
Male	73.77(65.99-82.36)	3.09(2.78-3.44)	112.22(101.14-124.65)	2.86(2.58-3.16)	-0.22(-0.27--0.18)
Female	87.96(79.25-98.06)	3.62(3.25-4.03)	133.64(120.58-147.80)	3.29(2.97-3.64)	-0.26(-0.30--0.22)
Socio-demographic index					
Low SDI	14.92(13.35-16.59)	3.07(2.76-3.41)	29.95(26.92-33.26)	3.03(2.74-3.36)	0.00(-0.02-0.02)
Low-middle SDI	24.69(22.13-27.53)	3.07(2.76-3.40)	45.67(40.89-50.86)	3.03(2.73-3.37)	0.03(0.00-0.06)
Middle SDI	34.49(30.65-38.68)	2.63(2.36-2.94)	56.14(50.40-62.68)	2.49(2.24-2.76)	-0.05(-0.13-0.02)
High-middle SDI	35.77(31.70-40.22)	3.37(3.00-3.76)	47.74(42.61-53.09)	2.91(2.62-3.23)	-0.41(-0.49--0.32)
High SDI	51.38(46.37-56.87)	4.67(4.22-5.15)	65.75(59.84-71.77)	4.49(4.09-4.92)	-0.14(-0.16--0.13)
Region					
High-income Asia Pacific	9.26(8.33-10.30)	4.76(4.27-5.30)	12.22(11.00-13.46)	4.98(4.48-5.52)	0.10(0.07-0.14)
Central Asia	2.19(1.96-2.43)	3.81(3.42-4.22)	3.28(2.93-3.65)	3.76(3.38-4.15)	-0.05(-0.05--0.05)
East Asia	23.76(20.51-27.29)	2.07(1.79-2.36)	29.35(25.73-33.09)	1.62(1.45-1.82)	-0.57(-0.74--0.40)
South Asia	23.81(21.19-26.64)	2.80(2.50-3.12)	42.47(37.89-47.61)	2.59(2.32-2.88)	-0.19(-0.24--0.13)
Southeast Asia	11.61(10.46-12.91)	3.13(2.83-3.46)	21.36(19.34-23.63)	3.19(2.90-3.52)	0.14(0.12-0.17)

Australasia	1.07(0.96-1.17)	4.82(4.35-5.32)	1.70(1.53-1.87)	4.98(4.47-5.51)	0.07(0.05-0.10)
Caribbean	0.78(0.70-0.86)	2.44(2.20-2.72)	1.18(1.07-1.31)	2.41(2.19-2.67)	0.03(0.00-0.06)
Central Europe	6.78(6.10-7.53)	4.88(4.39-5.42)	7.46(6.74-8.20)	4.86(4.40-5.34)	-0.05(-0.07--0.04)
Eastern Europe	11.84(10.55-13.16)	4.54(4.08-5.04)	11.55(10.30-12.86)	4.21(3.79-4.67)	-0.15(-0.22--0.07)
Western Europe	22.92(20.71-25.34)	5.08(4.59-5.61)	27.43(24.78-30.14)	5.03(4.54-5.57)	-0.04(-0.06--0.01)
Andean Latin America	0.97(0.86-1.07)	3.16(2.86-3.50)	1.97(1.77-2.19)	3.33(3.01-3.69)	0.24(0.21-0.26)
Central Latin America	3.08(2.74-3.47)	2.34(2.10-2.61)	5.84(5.25-6.50)	2.30(2.08-2.56)	-0.03(-0.05--0.01)
Southern Latin America	2.35(2.11-2.62)	4.86(4.35-5.40)	3.67(3.31-4.07)	5.11(4.61-5.66)	0.12(0.10-0.14)
Tropical Latin America	5.99(5.37-6.70)	4.49(4.05-4.99)	10.57(9.51-11.75)	4.51(4.07-5.00)	0.07(0.04-0.10)
North Africa and Middle East	10.55(9.45-11.76)	4.01(3.63-4.43)	22.31(20.03-24.87)	3.99(3.60-4.41)	-0.02(-0.04-0.01)
High-income North America	14.04(12.63-15.51)	4.47(4.04-4.92)	19.23(17.75-20.75)	4.25(3.92-4.59)	-0.12(-0.15--0.09)
Oceania	0.13(0.12-0.15)	2.74(2.46-3.06)	0.29(0.26-0.32)	2.85(2.56-3.17)	0.19(0.17-0.20)
Central Sub-Saharan Africa	1.28(1.14-1.43)	3.50(3.15-3.90)	2.98(2.65-3.37)	3.55(3.21-3.95)	0.06(0.03-0.08)
Eastern Sub-Saharan Africa	3.62(3.24-4.02)	3.12(2.80-3.45)	8.09(7.23-8.99)	3.22(2.89-3.57)	0.11(0.07-0.16)
Southern Sub-Saharan Africa	1.13(1.02-1.26)	2.96(2.66-3.28)	1.87(1.67-2.08)	2.72(2.44-3.00)	-0.13(-0.22--0.04)
Western Sub-Saharan Africa	4.58(4.13-5.08)	3.45(3.12-3.80)	11.03(9.91-12.32)	3.65(3.30-4.03)	0.24(0.17-0.32)

UI, uncertainty interval; ASR, age-standardized incidence rate; CI, confidential interval; EAPC, estimated annual percentage change.

Table S4. The incident cases and age-standardized incidence rate of neck pain in 1990 and 2017

Characteristics	1990		2017		1990-2017
	Incident cases No. $\times 10^6$ (95% UI)	ASR per 100,000 No. $\times 10^2$ (95% UI)	Incident cases No. $\times 10^6$ (95% UI)	ASR per 100,000 No. $\times 10^2$ (95% UI)	EAPC No. (95% CI)
Overall	38.25(33.70-43.46)	8.12(7.18-9.17)	65.31(57.68-73.92)	8.07(7.14-9.12)	-0.09(-0.13--0.05)
Sex					
Male	17.45(19.86-15.37)	7.52(8.50-6.65)	29.76(33.68-26.28)	7.48(8.43-6.64)	-0.11(-0.15--0.06)
Female	20.79(23.62-18.37)	8.72(9.89-7.70)	35.55(40.33-31.34)	8.65(9.80-7.64)	-0.08(-0.11--0.05)
Socio-demographic index					
Low SDI	3.04(3.49-2.69)	6.64(7.52-5.87)	6.31(7.25-5.57)	6.68(7.56-5.91)	-0.22(-0.37--0.06)
Low-middle SDI	5.57(6.38-4.91)	7.32(8.31-6.48)	10.78(12.35-9.52)	7.33(8.32-6.49)	-0.18(-0.30--0.06)
Middle SDI	10.47(11.96-9.24)	8.26(9.36-7.31)	18.83(21.41-16.54)	8.07(9.13-7.13)	-0.13(-0.16--0.10)
High-middle SDI	9.42(10.72-8.30)	8.89(10.08-7.87)	15.83(18.01-13.96)	9.15(10.37-8.09)	0.13(0.11-0.16)
High SDI	9.53(10.80-8.43)	8.40(9.51-7.42)	13.20(14.89-11.72)	8.58(9.64-7.64)	-0.02(-0.05-0.01)
Region					
High-income Asia Pacific	1.50(1.71-1.32)	7.43(8.45-6.54)	2.05(2.35-1.81)	7.35(8.35-6.47)	-0.04(-0.05--0.04)
Central Asia	0.40(0.46-0.35)	7.28(8.33-6.39)	0.64(0.74-0.56)	7.28(8.33-6.39)	0.00(0.00-0.00)
East Asia	11.64(13.30-10.23)	10.11(11.47-8.92)	19.81(22.51-17.39)	10.29(11.66-9.11)	0.11(0.07-0.14)
South Asia	5.28(6.07-4.65)	6.44(7.33-5.70)	10.48(12.00-9.23)	6.44(7.31-5.69)	-0.45(-0.74--0.15)
Southeast Asia	2.50(2.86-2.21)	6.99(7.94-6.18)	4.76(5.43-4.20)	6.98(7.92-6.16)	-0.01(-0.01--0.01)

Australasia	0.14(0.16-0.13)	6.32(7.17-5.58)	0.23(0.26-0.20)	6.24(7.11-5.52)	-0.05(-0.07--0.04)
Caribbean	0.19(0.21-0.17)	6.24(7.09-5.51)	0.31(0.35-0.27)	6.24(7.09-5.51)	0.00(0.00-0.00)
Central Europe	1.03(1.17-0.90)	7.27(8.33-6.39)	1.17(1.33-1.03)	7.27(8.32-6.38)	0.00(0.00-0.00)
Eastern Europe	2.03(2.30-1.78)	7.73(8.77-6.81)	2.18(2.48-1.91)	7.73(8.77-6.81)	0.00(0.00-0.00)
Western Europe	4.10(4.64-3.63)	8.77(9.91-7.73)	5.15(5.83-4.56)	8.91(10.06-7.85)	-0.02(-0.05-0.01)
Andean Latin America	0.17(0.20-0.15)	6.24(7.08-5.50)	0.36(0.41-0.32)	6.24(7.08-5.50)	0.00(0.00-0.00)
Central Latin America	0.75(0.86-0.66)	6.43(7.31-5.68)	1.62(1.85-1.43)	6.43(7.31-5.68)	0.00(0.00-0.00)
Southern Latin America	0.36(0.41-0.32)	7.47(8.50-6.59)	0.55(0.63-0.49)	7.47(8.50-6.59)	0.00(0.00-0.00)
Tropical Latin America	0.78(0.90-0.68)	6.39(7.29-5.64)	1.53(1.75-1.35)	6.33(7.21-5.58)	-0.05(-0.06--0.04)
North Africa and Middle East	2.34(2.68-2.06)	9.75(11.08-8.64)	5.41(6.21-4.75)	9.76(11.09-8.65)	0.02(0.01-0.02)
High-income North America	2.83(3.22-2.50)	8.80(10.01-7.77)	4.18(4.68-3.74)	9.06(10.12-8.12)	-0.12(-0.19--0.04)
Oceania	0.03(0.04-0.03)	7.58(8.63-6.71)	0.08(0.09-0.07)	7.58(8.64-6.71)	0.00(0.00-0.00)
Central Sub-Saharan Africa	0.23(0.27-0.21)	6.96(7.91-6.16)	0.55(0.63-0.48)	6.96(7.92-6.15)	0.00(0.00-0.00)
Eastern Sub-Saharan Africa	0.70(0.81-0.62)	6.30(7.17-5.57)	1.54(1.77-1.36)	6.30(7.17-5.57)	-0.01(-0.01-0.00)
Southern Sub-Saharan Africa	0.27(0.31-0.24)	7.29(8.29-6.45)	0.50(0.58-0.44)	7.31(8.30-6.46)	0.01(0.00-0.01)
Western Sub-Saharan Africa	0.96(1.10-0.84)	7.80(8.93-6.89)	2.19(2.53-1.91)	7.88(8.99-6.95)	0.04(0.04-0.05)

UI, uncertainty interval; ASR, age-standardized incidence rate; CI, confidential interval; EAPC, estimated annual percentage change.

Table S5. The incident cases and age-standardized incidence rate of gout in 1990 and 2017

Characteristics	1990		2017		1990-2017
	Incident cases No. $\times 10^5$ (95% UI)	ASR per 100,000 No. (95% UI)	Incident cases No. $\times 10^5$ (95% UI)	ASR per 100,000 No. (95% UI)	EAPC No. (95% CI)
Overall	37.81(33.31-43.03)	86.99(76.57-98.94)	74.38(65.74-84.57)	91.80(81.28-104.08)	0.22(0.21-0.23)
Sex					
Male	27.83(24.49-31.66)	133.65(118.18-152.05)	54.36(47.98-61.87)	139.69(123.70-158.04)	0.18(0.16-0.19)
Female	9.98(8.79-11.43)	44.59(39.34-51.06)	20.02(17.70-22.84)	47.40(41.92-54.00)	0.29(0.27-0.31)
Socio-demographic index					
Low SDI	3.23(2.85-3.67)	87.31(77.07-99.13)	6.90(6.08-7.83)	88.49(77.92-100.95)	0.03(0.02-0.04)
Low-middle SDI	5.34(4.68-6.08)	84.16(74.05-95.65)	11.30(9.94-12.88)	87.44(76.86-99.46)	0.14(0.13-0.14)
Middle SDI	8.44(7.43-9.55)	77.43(68.38-87.64)	18.77(16.47-21.40)	81.86(72.20-92.87)	0.21(0.19-0.22)
High-middle SDI	8.26(7.25-9.38)	82.58(72.80-93.92)	15.95(14.03-18.24)	88.67(78.35-100.87)	0.26(0.25-0.26)
High SDI	12.39(10.93-14.22)	102.57(90.71-117.14)	21.14(18.75-24.14)	115.63(103.39-130.87)	0.49(0.45-0.53)
Region					
High-income Asia Pacific	2.28(2.01-2.62)	110.18(97.43-125.66)	3.92(3.42-4.51)	117.08(103.36-133.57)	0.26(0.22-0.31)
Central Asia	0.41(0.36-0.46)	79.88(70.45-90.86)	0.70(0.62-0.80)	86.45(76.16-98.70)	0.31(0.30-0.33)
East Asia	8.20(7.21-9.30)	79.90(70.32-90.65)	17.31(15.12-19.84)	84.86(74.94-96.18)	0.23(0.21-0.26)
South Asia	5.96(5.23-6.78)	88.86(78.40-100.93)	13.13(11.53-14.98)	90.40(79.60-102.92)	0.04(0.02-0.05)
Southeast Asia	2.49(2.20-2.82)	83.03(73.11-94.07)	5.66(4.96-6.44)	88.46(77.90-100.58)	0.23(0.23-0.24)

Australasia	0.35(0.31-0.40)	149.80(132.08-170.64)	0.70(0.62-0.81)	166.44(146.59-189.28)	0.37(0.31-0.43)
Caribbean	0.16(0.15-0.19)	58.45(51.80-65.80)	0.32(0.29-0.36)	64.25(57.00-72.17)	0.40(0.38-0.42)
Central Europe	1.12(0.98-1.28)	75.45(66.55-85.73)	1.50(1.32-1.73)	79.32(69.58-90.50)	0.23(0.21-0.25)
Eastern Europe	2.21(1.94-2.52)	79.24(69.88-90.21)	2.76(2.42-3.15)	86.33(75.84-98.42)	0.29(0.27-0.31)
Western Europe	5.07(4.48-5.84)	96.21(85.00-110.15)	7.21(6.32-8.30)	100.04(88.52-114.32)	0.21(0.17-0.24)
Andean Latin America	0.13(0.12-0.15)	54.63(48.37-61.59)	0.35(0.31-0.39)	62.30(55.14-69.86)	0.51(0.50-0.52)
Central Latin America	0.48(0.42-0.54)	46.04(40.69-51.38)	1.28(1.13-1.44)	52.33(46.32-58.75)	0.58(0.52-0.63)
Southern Latin America	0.55(0.48-0.63)	115.18(100.79-131.43)	0.97(0.85-1.11)	124.74(110.01-142.26)	0.34(0.29-0.39)
Tropical Latin America	0.57(0.50-0.64)	53.16(47.05-59.66)	1.45(1.28-1.63)	60.88(53.79-68.40)	0.54(0.52-0.55)
North Africa and Middle East	1.76(1.55-1.99)	90.11(79.36-102.35)	4.56(4.03-5.16)	96.40(85.27-109.43)	0.21(0.19-0.22)
High-income North America	3.82(3.37-4.37)	114.45(101.16-130.36)	7.68(6.88-8.68)	145.25(131.28-162.67)	0.96(0.85-1.06)
Oceania	0.03(0.03-0.04)	97.67(85.78-111.43)	0.08(0.07-0.09)	98.94(87.23-112.91)	0.03(0.01-0.06)
Central Sub-Saharan Africa	0.23(0.20-0.26)	86.78(76.34-98.56)	0.53(0.47-0.60)	87.01(76.49-99.44)	-0.01(-0.05-0.04)
Eastern Sub-Saharan Africa	0.74(0.65-0.84)	85.21(74.94-97.00)	1.64(1.45-1.86)	87.96(77.32-100.08)	0.13(0.12-0.13)
Southern Sub-Saharan Africa	0.31(0.27-0.35)	97.95(86.23-112.03)	0.63(0.55-0.72)	102.29(90.09-116.78)	0.19(0.15-0.24)
Western Sub-Saharan Africa	0.91(0.80-1.04)	90.07(79.18-102.98)	1.99(1.75-2.27)	93.34(81.72-106.81)	0.13(0.08-0.18)

UI, uncertainty interval; ASR, age-standardized incidence rate; CI, confidential interval; EAPC, estimated annual percentage change.

Table S6. The change of musculoskeletal disorders cases between 1990 and 2017 at national level, both sexes

Region	Cause	Case in 1990	Case in 2017	Change in absolute number (%)	EAPC No. (95% CI)
Afghanistan	Musculoskeletal disorders	405340.22	1115491.30	175.20	0.06(0.05-0.07)
Afghanistan	Rheumatoid arthritis	1011.83	2933.37	189.91	0.50(0.42-0.59)
Afghanistan	Osteoarthritis	14642.69	29349.13	100.44	0.11(0.03-0.19)
Afghanistan	Gout	6545.91	11608.96	77.35	-0.10(-0.15--0.06)
Afghanistan	Low back pain	312785.27	882512.47	182.15	0.07(0.06-0.09)
Afghanistan	Neck pain	70354.53	189087.37	168.76	0.00(-0.01-0.00)
Albania	Musculoskeletal disorders	167535.50	203032.89	21.19	-0.02(-0.02--0.02)
Albania	Rheumatoid arthritis	280.85	426.65	51.92	0.85(0.80-0.90)
Albania	Osteoarthritis	3320.72	5798.35	74.61	0.39(0.38-0.41)
Albania	Gout	1778.64	3069.75	72.59	0.19(0.17-0.20)
Albania	Low back pain	142682.60	168862.29	18.35	-0.04(-0.04--0.03)
Albania	Neck pain	19472.69	24875.85	27.75	0.01(0.00-0.01)
Algeria	Musculoskeletal disorders	924591.54	2026906.91	119.22	0.04(0.03-0.05)
Algeria	Rheumatoid arthritis	2033.31	5023.99	147.08	0.48(0.32-0.63)
Algeria	Osteoarthritis	26490.73	83413.36	214.88	0.64(0.60-0.69)
Algeria	Gout	11759.56	33853.45	187.88	0.48(0.46-0.50)
Algeria	Low back pain	720083.19	1516766.47	110.64	0.00(-0.02-0.02)
Algeria	Neck pain	164224.75	387849.64	136.17	0.00(0.00-0.00)
American Samoa	Musculoskeletal disorders	1414.24	2067.18	46.17	0.12(0.10-0.13)
American Samoa	Rheumatoid arthritis	3.72	5.98	60.67	0.48(0.44-0.52)
American Samoa	Osteoarthritis	69.99	133.51	90.77	0.38(0.30-0.45)

American Samoa	Gout	34.97	58.67	67.75	0.04(0.01-0.06)
American Samoa	Low back pain	1037.85	1480.96	42.69	0.13(0.11-0.14)
American Samoa	Neck pain	267.70	388.06	44.96	0.01(0.01-0.01)
Andorra	Musculoskeletal disorders	4124.15	6914.11	67.65	0.01(0.00-0.02)
Andorra	Rheumatoid arthritis	12.91	23.27	80.20	-0.07(-0.09--0.05)
Andorra	Osteoarthritis	108.72	242.92	123.43	0.24(0.21-0.27)
Andorra	Gout	61.66	124.32	101.62	-0.03(-0.09-0.03)
Andorra	Low back pain	3368.63	5546.03	64.64	0.00(-0.01-0.02)
Andorra	Neck pain	572.22	977.56	70.84	0.02(0.01-0.02)
Angola	Musculoskeletal disorders	290965.81	807782.58	177.62	0.06(0.04-0.08)
Angola	Rheumatoid arthritis	984.27	2756.92	180.10	0.10(0.05-0.15)
Angola	Osteoarthritis	6818.28	21892.47	221.08	0.59(0.56-0.63)
Angola	Gout	4193.27	12209.25	191.16	0.25(0.23-0.28)
Angola	Low back pain	235512.55	651289.54	176.54	0.04(0.01-0.08)
Angola	Neck pain	43457.43	119634.41	175.29	0.02(0.02-0.02)
Antigua and Barbuda	Musculoskeletal disorders	1827.76	3362.86	83.99	0.06(0.05-0.06)
Antigua and Barbuda	Rheumatoid arthritis	10.33	21.76	110.60	0.32(0.31-0.33)
Antigua and Barbuda	Osteoarthritis	73.85	181.21	145.37	0.37(0.33-0.40)
Antigua and Barbuda	Gout	32.14	71.25	121.71	0.48(0.45-0.52)
Antigua and Barbuda	Low back pain	1373.34	2438.92	77.59	0.04(0.03-0.04)
Antigua and Barbuda	Neck pain	338.10	649.71	92.17	0.00(0.00-0.00)
Argentina	Musculoskeletal disorders	1913278.43	2884593.02	50.77	0.06(0.06-0.07)
Argentina	Rheumatoid arthritis	5243.03	7648.19	45.87	-0.09(-0.15--0.04)
Argentina	Osteoarthritis	68235.00	114576.78	67.91	0.40(0.38-0.42)
Argentina	Gout	37843.27	62763.66	65.85	0.32(0.28-0.37)

Argentina	Low back pain	1559561.39	2335557.95	49.76	0.05(0.04-0.07)
Argentina	Neck pain	242395.74	364046.43	50.19	0.00(0.00-0.00)
Armenia	Musculoskeletal disorders	152008.13	179560.09	18.13	0.06(0.04-0.08)
Armenia	Rheumatoid arthritis	326.05	440.39	35.07	0.74(0.60-0.89)
Armenia	Osteoarthritis	3836.02	5494.20	43.23	0.35(0.31-0.39)
Armenia	Gout	2385.71	3453.19	44.74	0.29(0.25-0.33)
Armenia	Low back pain	122821.85	143410.41	16.76	0.05(0.04-0.07)
Armenia	Neck pain	22638.50	26761.90	18.21	0.00(0.00-0.00)
Australia	Musculoskeletal disorders	1031761.87	1700858.85	64.85	0.11(0.09-0.14)
Australia	Rheumatoid arthritis	3009.96	5088.74	69.06	0.07(0.05-0.09)
Australia	Osteoarthritis	38901.13	79523.34	104.42	0.55(0.51-0.60)
Australia	Gout	28049.67	57564.01	105.22	0.44(0.38-0.51)
Australia	Low back pain	844984.04	1368577.57	61.96	0.10(0.07-0.12)
Australia	Neck pain	116817.07	190105.18	62.74	0.00(0.00-0.00)
Austria	Musculoskeletal disorders	532332.28	666607.14	25.22	0.01(-0.02-0.05)
Austria	Rheumatoid arthritis	1828.36	2216.79	21.24	-0.20(-0.23--0.17)
Austria	Osteoarthritis	19055.50	27982.65	46.85	0.22(0.21-0.24)
Austria	Gout	9899.83	14328.65	44.74	0.23(0.20-0.25)
Austria	Low back pain	422230.05	523551.04	24.00	0.00(-0.04-0.05)
Austria	Neck pain	79318.54	98528.01	24.22	0.00(-0.01-0.00)
Azerbaijan	Musculoskeletal disorders	290554.57	509767.08	75.45	0.04(0.03-0.05)
Azerbaijan	Rheumatoid arthritis	638.79	1322.16	106.98	0.70(0.50-0.91)
Azerbaijan	Osteoarthritis	6965.29	15377.66	120.78	0.46(0.39-0.53)
Azerbaijan	Gout	4409.73	8997.32	104.03	0.44(0.41-0.47)
Azerbaijan	Low back pain	234935.96	404738.92	72.28	0.02(0.01-0.03)

Azerbaijan	Neck pain	43604.81	79331.01	81.93	-0.01(-0.01--0.01)
Bahamas	Musculoskeletal disorders	7293.03	13449.80	84.42	0.01(0.00-0.02)
Bahamas	Rheumatoid arthritis	43.76	86.46	97.58	0.02(0.00-0.05)
Bahamas	Osteoarthritis	265.09	654.32	146.83	0.16(0.14-0.18)
Bahamas	Gout	109.10	252.57	131.51	0.31(0.31-0.32)
Bahamas	Low back pain	5551.47	9857.16	77.56	0.00(-0.02-0.01)
Bahamas	Neck pain	1323.61	2599.28	96.38	0.00(0.00-0.00)
Bahrain	Musculoskeletal disorders	20874.34	83882.93	301.85	0.02(0.01-0.02)
Bahrain	Rheumatoid arthritis	54.11	270.02	398.99	0.54(0.46-0.63)
Bahrain	Osteoarthritis	648.24	4180.84	544.95	0.43(0.41-0.45)
Bahrain	Gout	287.25	1542.65	437.05	0.32(0.30-0.34)
Bahrain	Low back pain	16004.01	61567.74	284.70	0.00(-0.01-0.00)
Bahrain	Neck pain	3880.73	16321.69	320.58	-0.04(-0.05--0.03)
Bangladesh	Musculoskeletal disorders	3285612.37	6483873.45	97.34	0.00(-0.08-0.09)
Bangladesh	Rheumatoid arthritis	12278.95	28900.31	135.36	0.47(0.43-0.52)
Bangladesh	Osteoarthritis	91770.69	244248.60	166.15	0.49(0.44-0.53)
Bangladesh	Gout	48064.21	118063.87	145.64	0.11(0.09-0.12)
Bangladesh	Low back pain	2711112.92	5201616.92	91.86	-0.03(-0.14-0.08)
Bangladesh	Neck pain	422385.59	891043.75	110.96	0.01(0.01-0.01)
Barbados	Musculoskeletal disorders	8797.48	12609.18	43.33	0.05(0.04-0.06)
Barbados	Rheumatoid arthritis	58.43	88.36	51.24	0.00(-0.02-0.02)
Barbados	Osteoarthritis	387.97	723.27	86.42	0.23(0.21-0.26)
Barbados	Gout	166.04	288.08	73.50	0.42(0.40-0.44)
Barbados	Low back pain	6532.54	9070.30	38.85	0.04(0.03-0.05)
Barbados	Neck pain	1652.50	2439.17	47.60	0.00(0.00-0.00)

Belarus	Musculoskeletal disorders	654593.18	697292.05	6.52	0.03(0.02-0.03)
Belarus	Rheumatoid arthritis	1214.29	1476.28	21.58	0.55(0.38-0.72)
Belarus	Osteoarthritis	20462.41	24922.81	21.80	0.28(0.23-0.33)
Belarus	Gout	9923.32	12135.21	22.29	0.23(0.21-0.25)
Belarus	Low back pain	535819.47	564871.56	5.42	0.02(0.01-0.02)
Belarus	Neck pain	87173.68	93886.19	7.70	0.00(0.00-0.00)
Belgium	Musculoskeletal disorders	782207.67	939900.13	20.16	-0.02(-0.06-0.02)
Belgium	Rheumatoid arthritis	2395.92	2846.46	18.80	-0.06(-0.08--0.04)
Belgium	Osteoarthritis	24671.12	34560.47	40.08	0.28(0.25-0.32)
Belgium	Gout	13297.36	17981.71	35.23	0.12(0.09-0.15)
Belgium	Low back pain	638820.99	760142.29	18.99	-0.04(-0.09-0.01)
Belgium	Neck pain	103022.28	124369.19	20.72	0.00(0.00-0.01)
Belize	Musculoskeletal disorders	4420.38	11881.95	168.80	0.06(0.06-0.07)
Belize	Rheumatoid arthritis	23.77	74.10	211.76	0.45(0.40-0.50)
Belize	Osteoarthritis	147.48	516.94	250.51	0.46(0.41-0.52)
Belize	Gout	65.79	212.73	223.33	0.53(0.48-0.58)
Belize	Low back pain	3439.15	8961.39	160.57	0.04(0.03-0.05)
Belize	Neck pain	744.18	2116.78	184.44	0.00(0.00-0.00)
Benin	Musculoskeletal disorders	128722.15	360445.52	180.02	0.37(0.31-0.43)
Benin	Rheumatoid arthritis	236.64	671.67	183.84	0.47(0.44-0.50)
Benin	Osteoarthritis	2917.32	8875.77	204.24	0.74(0.70-0.79)
Benin	Gout	1977.03	5494.81	177.93	0.51(0.49-0.54)
Benin	Low back pain	101509.95	288695.41	184.40	0.43(0.36-0.51)
Benin	Neck pain	22081.21	56707.86	156.82	-0.01(-0.01--0.01)
Bermuda	Musculoskeletal disorders	2207.30	3037.50	37.61	0.02(0.02-0.03)

Bermuda	Rheumatoid arthritis	13.98	20.20	44.56	0.24(0.22-0.26)
Bermuda	Osteoarthritis	108.48	191.65	76.68	0.34(0.32-0.36)
Bermuda	Gout	41.90	74.37	77.49	0.40(0.38-0.42)
Bermuda	Low back pain	1617.00	2160.34	33.60	0.00(-0.01-0.01)
Bermuda	Neck pain	425.94	590.94	38.74	0.00(0.00-0.00)
Bhutan	Musculoskeletal disorders	16372.04	36616.77	123.65	0.03(0.00-0.06)
Bhutan	Rheumatoid arthritis	68.95	168.75	144.73	0.39(0.37-0.41)
Bhutan	Osteoarthritis	564.22	1525.42	170.36	0.45(0.42-0.49)
Bhutan	Gout	262.31	680.28	159.34	0.29(0.25-0.32)
Bhutan	Low back pain	13214.07	28957.71	119.14	0.00(-0.04-0.04)
Bhutan	Neck pain	2262.49	5284.61	133.58	-0.01(-0.01--0.01)
Bolivia	Musculoskeletal disorders	198998.54	452419.71	127.35	0.22(0.16-0.28)
Bolivia	Rheumatoid arthritis	870.89	1921.20	120.60	-0.14(-0.16--0.12)
Bolivia	Osteoarthritis	5545.37	15749.88	184.02	0.57(0.54-0.60)
Bolivia	Gout	2019.66	5792.97	186.83	0.60(0.57-0.62)
Bolivia	Low back pain	162941.51	365963.07	124.60	0.24(0.17-0.31)
Bolivia	Neck pain	27621.11	62992.58	128.06	0.00(0.00-0.00)
Bosnia and Herzegovina	Musculoskeletal disorders	249630.41	250061.95	0.17	0.02(0.01-0.03)
Bosnia and Herzegovina	Rheumatoid arthritis	555.46	667.02	20.09	0.69(0.54-0.83)
Bosnia and Herzegovina	Osteoarthritis	6592.19	8413.28	27.62	0.47(0.41-0.52)
Bosnia and Herzegovina	Gout	3233.60	4271.35	32.09	0.32(0.29-0.36)
Bosnia and Herzegovina	Low back pain	205330.08	202471.10	-1.39	0.00(-0.02-0.02)
Bosnia and Herzegovina	Neck pain	33919.08	34239.21	0.94	0.00(0.00-0.00)
Botswana	Musculoskeletal disorders	32522.41	75697.47	132.75	0.09(0.09-0.10)
Botswana	Rheumatoid arthritis	111.52	281.05	152.01	0.33(0.28-0.37)

Botswana	Osteoarthritis	939.98	2806.88	198.61	0.61(0.58-0.63)
Botswana	Gout	592.42	1623.06	173.97	0.44(0.41-0.47)
Botswana	Low back pain	25153.27	57154.64	127.23	0.08(0.07-0.09)
Botswana	Neck pain	5725.21	13831.84	141.60	-0.01(-0.01-0.00)
Brazil	Musculoskeletal disorders	6858217.81	12378600.74	80.49	0.07(0.04-0.09)
Brazil	Rheumatoid arthritis	18306.79	37509.97	104.90	0.12(0.05-0.19)
Brazil	Osteoarthritis	148805.54	384383.21	158.31	0.47(0.46-0.47)
Brazil	Gout	55650.61	141629.88	154.50	0.54(0.52-0.55)
Brazil	Low back pain	5875596.47	10319872.02	75.64	0.06(0.03-0.10)
Brazil	Neck pain	759858.40	1495205.67	96.77	-0.05(-0.06--0.04)
Brunei	Musculoskeletal disorders	11210.65	24287.06	116.64	0.04(0.02-0.05)
Brunei	Rheumatoid arthritis	21.02	49.90	137.35	0.05(0.04-0.07)
Brunei	Osteoarthritis	305.12	977.75	220.45	0.40(0.38-0.43)
Brunei	Gout	172.84	476.57	175.73	0.19(0.16-0.22)
Brunei	Low back pain	9359.02	19672.05	110.19	0.01(-0.01-0.03)
Brunei	Neck pain	1352.65	3110.79	129.98	0.03(0.02-0.05)
Bulgaria	Musculoskeletal disorders	613706.09	554603.17	-9.63	-0.05(-0.08--0.02)
Bulgaria	Rheumatoid arthritis	1233.54	1216.13	-1.41	0.40(0.29-0.52)
Bulgaria	Osteoarthritis	19390.25	18797.46	-3.06	0.02(-0.04-0.08)
Bulgaria	Gout	9735.55	9948.59	2.19	-0.02(-0.06-0.02)
Bulgaria	Low back pain	502628.75	448920.38	-10.69	-0.06(-0.09--0.03)
Bulgaria	Neck pain	80718.00	75720.61	-6.19	0.00(0.00-0.00)
Burkina Faso	Musculoskeletal disorders	248890.46	616898.76	147.86	0.36(0.31-0.42)
Burkina Faso	Rheumatoid arthritis	473.15	1150.91	143.24	0.35(0.31-0.39)
Burkina Faso	Osteoarthritis	6063.63	14675.16	142.02	0.44(0.42-0.46)

Burkina Faso	Gout	4003.59	9082.58	126.86	0.24(0.23-0.25)
Burkina Faso	Low back pain	192953.96	488179.75	153.00	0.45(0.38-0.52)
Burkina Faso	Neck pain	45396.14	103810.35	128.68	0.00(-0.01-0.00)
Burundi	Musculoskeletal disorders	128276.90	278864.65	117.39	0.26(0.20-0.32)
Burundi	Rheumatoid arthritis	496.24	852.87	71.87	-0.73(-0.74--0.71)
Burundi	Osteoarthritis	3262.75	6683.34	104.84	-0.02(-0.03--0.01)
Burundi	Gout	2057.97	4437.43	115.62	0.33(0.33-0.34)
Burundi	Low back pain	102308.22	225689.36	120.60	0.33(0.25-0.41)
Burundi	Neck pain	20151.71	41201.64	104.46	-0.01(-0.01--0.01)
Cambodia	Musculoskeletal disorders	322802.88	661145.65	104.81	-0.03(-0.04--0.03)
Cambodia	Rheumatoid arthritis	385.17	862.73	123.98	0.30(0.26-0.33)
Cambodia	Osteoarthritis	8241.71	21086.46	155.85	0.26(0.25-0.27)
Cambodia	Gout	4138.20	10309.27	149.12	0.18(0.16-0.19)
Cambodia	Low back pain	264476.24	531176.15	100.84	-0.06(-0.06--0.05)
Cambodia	Neck pain	45561.56	97711.04	114.46	-0.01(-0.02--0.01)
Cameroon	Musculoskeletal disorders	294282.60	891662.71	203.00	0.32(0.26-0.38)
Cameroon	Rheumatoid arthritis	599.56	1716.08	186.22	0.11(0.08-0.15)
Cameroon	Osteoarthritis	7919.50	22721.30	186.90	0.26(0.24-0.27)
Cameroon	Gout	4825.77	13766.84	185.28	0.27(0.25-0.29)
Cameroon	Low back pain	230580.32	712727.58	209.10	0.40(0.32-0.47)
Cameroon	Neck pain	50357.45	140730.91	179.46	-0.01(-0.01-0.00)
Canada	Musculoskeletal disorders	1865342.13	2796354.03	49.91	-0.03(-0.06-0.00)
Canada	Rheumatoid arthritis	3056.59	7461.29	144.10	1.31(1.21-1.41)
Canada	Osteoarthritis	57916.23	123778.42	113.72	0.64(0.58-0.70)
Canada	Gout	37158.18	78528.76	111.34	0.79(0.70-0.89)

Canada	Low back pain	1576640.51	2294253.61	45.52	-0.08(-0.11--0.04)
Canada	Neck pain	190570.62	292331.95	53.40	-0.04(-0.05--0.04)
Cape Verde	Musculoskeletal disorders	10341.36	22769.03	120.17	0.31(0.26-0.36)
Cape Verde	Rheumatoid arthritis	18.31	41.88	128.67	0.55(0.50-0.61)
Cape Verde	Osteoarthritis	267.45	675.95	152.74	0.48(0.47-0.49)
Cape Verde	Gout	179.90	426.85	137.27	0.60(0.59-0.62)
Cape Verde	Low back pain	8081.99	17700.48	119.01	0.38(0.31-0.44)
Cape Verde	Neck pain	1793.71	3923.86	118.76	-0.06(-0.06--0.06)
Central African Republic	Musculoskeletal disorders	79818.25	149843.20	87.73	0.05(0.03-0.08)
Central African Republic	Rheumatoid arthritis	258.40	428.47	65.82	-0.44(-0.46--0.43)
Central African Republic	Osteoarthritis	1857.58	3492.26	88.00	-0.02(-0.03--0.01)
Central African Republic	Gout	1140.15	2159.38	89.39	0.06(0.05-0.07)
Central African Republic	Low back pain	64574.40	121264.90	87.79	0.07(0.04-0.10)
Central African Republic	Neck pain	11987.71	22498.20	87.68	-0.01(-0.01--0.01)
Chad	Musculoskeletal disorders	187096.77	471734.98	152.13	0.32(0.27-0.37)
Chad	Rheumatoid arthritis	290.61	695.28	139.25	0.20(0.17-0.23)
Chad	Osteoarthritis	3715.62	8250.84	122.06	0.16(0.14-0.17)
Chad	Gout	2620.79	5855.44	123.42	0.41(0.39-0.43)
Chad	Low back pain	151683.98	391834.77	158.32	0.39(0.32-0.45)
Chad	Neck pain	28785.78	65098.65	126.15	-0.03(-0.03--0.02)
Chile	Musculoskeletal disorders	784080.01	1408895.67	79.69	0.20(0.15-0.26)
Chile	Rheumatoid arthritis	2208.35	4025.83	82.30	-0.10(-0.19-0.00)
Chile	Osteoarthritis	23507.27	54108.39	130.18	0.41(0.37-0.44)
Chile	Gout	12816.80	28210.51	120.11	0.36(0.29-0.43)
Chile	Low back pain	655786.71	1164215.24	77.53	0.22(0.16-0.29)

Chile	Neck pain	89760.88	158335.70	76.40	0.00(-0.01-0.00)
China	Musculoskeletal disorders	35719128.55	50998638.00	42.78	-0.29(-0.39--0.19)
China	Rheumatoid arthritis	101363.39	222814.21	119.82	0.94(0.80-1.09)
China	Osteoarthritis	1339785.92	2745949.25	104.95	0.16(-0.01-0.33)
China	Gout	777387.06	1644521.29	111.54	0.23(0.21-0.26)
China	Low back pain	22374747.89	27386550.82	22.40	-0.60(-0.77--0.42)
China	Neck pain	11125844.29	18998802.44	70.76	0.11(0.08-0.14)
Colombia	Musculoskeletal disorders	916217.00	1920009.73	109.56	0.17(0.11-0.22)
Colombia	Rheumatoid arthritis	3112.61	7166.78	130.25	0.22(0.14-0.30)
Colombia	Osteoarthritis	25714.91	74904.66	191.29	0.48(0.46-0.49)
Colombia	Gout	9246.16	26006.58	181.27	0.53(0.52-0.55)
Colombia	Low back pain	723657.44	1481150.22	104.68	0.18(0.11-0.26)
Colombia	Neck pain	154485.87	330781.49	114.12	0.00(0.00-0.01)
Comoros	Musculoskeletal disorders	11630.12	24730.02	112.64	0.26(0.18-0.34)
Comoros	Rheumatoid arthritis	44.25	80.66	82.30	-0.45(-0.47--0.44)
Comoros	Osteoarthritis	301.28	685.33	127.47	0.11(0.11-0.12)
Comoros	Gout	193.41	420.11	117.21	-0.03(-0.04--0.02)
Comoros	Low back pain	9350.78	19946.05	113.31	0.33(0.23-0.43)
Comoros	Neck pain	1740.41	3597.87	106.73	0.00(0.00-0.00)
Costa Rica	Musculoskeletal disorders	81032.62	164017.41	102.41	0.02(0.01-0.02)
Costa Rica	Rheumatoid arthritis	302.73	778.24	157.07	0.68(0.65-0.71)
Costa Rica	Osteoarthritis	2578.94	7448.44	188.82	0.43(0.41-0.44)
Costa Rica	Gout	923.50	2539.02	174.94	0.58(0.54-0.62)
Costa Rica	Low back pain	62771.25	121757.27	93.97	-0.02(-0.02--0.01)
Costa Rica	Neck pain	14456.20	31494.45	117.86	0.01(0.01-0.01)

Croatia	Musculoskeletal disorders	341235.18	352262.36	3.23	0.06(0.04-0.09)
Croatia	Rheumatoid arthritis	686.86	861.17	25.38	0.92(0.87-0.97)
Croatia	Osteoarthritis	9683.10	11105.65	14.69	0.30(0.27-0.34)
Croatia	Gout	4696.10	5833.98	24.23	0.29(0.26-0.31)
Croatia	Low back pain	282799.36	290057.88	2.57	0.06(0.03-0.09)
Croatia	Neck pain	43369.77	44403.69	2.38	0.00(0.00-0.00)
Cuba	Musculoskeletal disorders	350377.55	438969.70	25.28	-0.08(-0.16-0.00)
Cuba	Rheumatoid arthritis	1834.27	2794.87	52.37	0.74(0.56-0.92)
Cuba	Osteoarthritis	14774.61	26704.64	80.75	0.38(0.34-0.42)
Cuba	Gout	6372.12	10961.98	72.03	0.37(0.33-0.40)
Cuba	Low back pain	259444.06	302378.24	16.55	-0.15(-0.26--0.04)
Cuba	Neck pain	67952.50	96129.97	41.47	0.00(0.00-0.00)
Cyprus	Musculoskeletal disorders	52069.08	99393.71	90.89	-0.01(-0.03-0.00)
Cyprus	Rheumatoid arthritis	180.82	337.39	86.58	-0.17(-0.22--0.13)
Cyprus	Osteoarthritis	1509.83	3460.86	129.22	0.28(0.24-0.32)
Cyprus	Gout	818.35	1750.30	113.88	0.04(-0.01-0.08)
Cyprus	Low back pain	42110.20	79336.60	88.40	-0.03(-0.05--0.01)
Cyprus	Neck pain	7449.88	14508.55	94.75	0.01(0.01-0.01)
Czech Republic	Musculoskeletal disorders	718726.00	846116.36	17.72	-0.05(-0.06--0.04)
Czech Republic	Rheumatoid arthritis	1479.04	1926.20	30.23	0.34(0.29-0.39)
Czech Republic	Osteoarthritis	19937.69	27133.70	36.09	0.21(0.19-0.23)
Czech Republic	Gout	9867.78	14115.78	43.05	0.26(0.20-0.32)
Czech Republic	Low back pain	597270.32	692503.93	15.94	-0.07(-0.08--0.06)
Czech Republic	Neck pain	90171.18	110436.75	22.47	-0.01(-0.01--0.01)
Democratic Republic of the Congo	Musculoskeletal disorders	1090184.59	2451841.17	124.90	0.04(0.02-0.05)

Democratic Republic of the Congo	Rheumatoid arthritis	3372.96	6948.00	105.99	-0.39(-0.48--0.30)
Democratic Republic of the Congo	Osteoarthritis	26084.97	55815.65	113.98	-0.21(-0.26--0.17)
Democratic Republic of the Congo	Gout	15827.32	34386.52	117.26	-0.16(-0.22--0.10)
Democratic Republic of the Congo	Low back pain	883668.08	1990423.88	125.25	0.06(0.04-0.08)
Democratic Republic of the Congo	Neck pain	161231.26	364267.12	125.93	-0.01(-0.01--0.01)
Denmark	Musculoskeletal disorders	361220.33	437106.80	21.01	0.06(0.00-0.12)
Denmark	Rheumatoid arthritis	1264.86	1686.18	33.31	0.34(0.28-0.39)
Denmark	Osteoarthritis	12967.27	18242.66	40.68	0.43(0.36-0.50)
Denmark	Gout	6792.81	9075.00	33.60	0.19(0.15-0.22)
Denmark	Low back pain	278858.10	336842.58	20.79	0.05(-0.02-0.12)
Denmark	Neck pain	61337.30	71260.38	16.18	0.01(-0.01-0.02)
Djibouti	Musculoskeletal disorders	11066.64	35273.95	218.74	0.22(0.18-0.26)
Djibouti	Rheumatoid arthritis	40.36	124.43	208.34	-0.23(-0.27--0.20)
Djibouti	Osteoarthritis	264.33	1151.37	335.58	0.69(0.66-0.73)
Djibouti	Gout	170.56	695.46	307.74	0.64(0.61-0.67)
Djibouti	Low back pain	8831.03	27703.12	213.70	0.23(0.18-0.28)
Djibouti	Neck pain	1760.36	5599.56	218.09	0.00(0.00-0.00)
Dominica	Musculoskeletal disorders	2252.41	2671.39	18.60	0.04(0.02-0.05)
Dominica	Rheumatoid arthritis	12.28	15.90	29.47	0.26(0.25-0.28)
Dominica	Osteoarthritis	89.03	133.75	50.23	0.34(0.31-0.36)
Dominica	Gout	38.88	57.80	48.67	0.59(0.55-0.62)
Dominica	Low back pain	1706.30	1965.14	15.17	0.01(-0.01-0.04)
Dominica	Neck pain	405.92	498.80	22.88	-0.01(-0.01--0.01)
Dominican Republic	Musculoskeletal disorders	189382.37	352064.25	85.90	0.01(0.00-0.02)
Dominican Republic	Rheumatoid arthritis	942.38	1913.29	103.03	0.18(0.11-0.24)

Dominican Republic	Osteoarthritis	5870.93	14561.92	148.03	0.33(0.28-0.37)
Dominican Republic	Gout	2545.94	6220.49	144.33	0.46(0.43-0.49)
Dominican Republic	Low back pain	147966.66	265775.39	79.62	-0.02(-0.03-0.00)
Dominican Republic	Neck pain	32056.46	63593.16	98.38	-0.01(-0.01-0.00)
Ecuador	Musculoskeletal disorders	303285.49	658481.47	117.12	0.18(0.17-0.19)
Ecuador	Rheumatoid arthritis	1431.74	3446.27	140.71	0.38(0.35-0.42)
Ecuador	Osteoarthritis	9904.46	26994.68	172.55	0.28(0.26-0.30)
Ecuador	Gout	3643.78	9992.22	174.23	0.44(0.42-0.45)
Ecuador	Low back pain	243172.02	518479.02	113.21	0.21(0.20-0.22)
Ecuador	Neck pain	45133.49	99569.27	120.61	0.00(0.00-0.00)
Egypt	Musculoskeletal disorders	2424564.92	4614721.89	90.33	0.04(-0.01-0.09)
Egypt	Rheumatoid arthritis	5751.88	13789.05	139.73	0.75(0.72-0.78)
Egypt	Osteoarthritis	79114.21	191638.96	142.23	0.47(0.43-0.51)
Egypt	Gout	30751.97	70109.15	127.98	0.27(0.25-0.30)
Egypt	Low back pain	1916521.20	3552107.90	85.34	0.02(-0.04-0.09)
Egypt	Neck pain	392425.67	787076.84	100.57	-0.01(-0.01--0.01)
El Salvador	Musculoskeletal disorders	132667.48	200267.19	50.95	0.12(0.11-0.13)
El Salvador	Rheumatoid arthritis	462.41	854.05	84.70	0.80(0.75-0.84)
El Salvador	Osteoarthritis	4180.25	8359.57	99.98	0.55(0.51-0.60)
El Salvador	Gout	1468.78	2939.71	100.15	0.64(0.60-0.68)
El Salvador	Low back pain	103372.48	151384.20	46.45	0.11(0.10-0.12)
El Salvador	Neck pain	23183.55	36729.67	58.43	0.01(0.01-0.01)
Equatorial Guinea	Musculoskeletal disorders	12247.67	39267.01	220.61	0.11(0.09-0.13)
Equatorial Guinea	Rheumatoid arthritis	41.55	149.92	260.81	1.13(0.88-1.38)
Equatorial Guinea	Osteoarthritis	333.10	1106.62	232.22	1.08(1.00-1.17)

Equatorial Guinea	Gout	191.25	591.47	209.26	0.62(0.57-0.67)
Equatorial Guinea	Low back pain	9825.88	31757.94	223.21	0.07(0.05-0.09)
Equatorial Guinea	Neck pain	1855.88	5661.05	205.03	-0.01(-0.01-0.00)
Eritrea	Musculoskeletal disorders	60344.63	146191.73	142.26	0.11(0.09-0.13)
Eritrea	Rheumatoid arthritis	231.70	514.10	121.88	-0.28(-0.39--0.16)
Eritrea	Osteoarthritis	1469.18	3716.56	152.97	0.16(0.12-0.20)
Eritrea	Gout	914.92	2283.03	149.53	0.07(0.05-0.09)
Eritrea	Low back pain	47726.93	115858.14	142.75	0.14(0.11-0.16)
Eritrea	Neck pain	10001.91	23819.90	138.15	0.00(0.00-0.00)
Estonia	Musculoskeletal disorders	95717.50	98057.51	2.44	0.09(0.05-0.13)
Estonia	Rheumatoid arthritis	319.44	271.79	-14.92	-0.41(-0.51--0.31)
Estonia	Osteoarthritis	3164.81	3537.29	11.77	0.39(0.36-0.43)
Estonia	Gout	1545.46	1889.15	22.24	0.42(0.41-0.44)
Estonia	Low back pain	77169.46	78987.71	2.36	0.09(0.04-0.14)
Estonia	Neck pain	13518.33	13371.57	-1.09	-0.01(-0.01--0.01)
Ethiopia	Musculoskeletal disorders	1184724.65	2560630.40	116.14	0.04(0.01-0.08)
Ethiopia	Rheumatoid arthritis	4783.10	8393.86	75.49	-0.71(-0.76--0.65)
Ethiopia	Osteoarthritis	30481.41	64267.67	110.84	0.24(0.22-0.25)
Ethiopia	Gout	19603.27	42384.65	116.21	0.27(0.25-0.30)
Ethiopia	Low back pain	934554.93	2037552.05	118.02	0.05(0.01-0.09)
Ethiopia	Neck pain	195301.95	408032.16	108.92	-0.02(-0.04--0.01)
Federated States of Micronesia	Musculoskeletal disorders	2725.82	3586.43	31.57	0.14(0.13-0.16)
Federated States of Micronesia	Rheumatoid arthritis	5.80	8.40	45.01	0.43(0.35-0.51)
Federated States of Micronesia	Osteoarthritis	99.61	176.16	76.85	0.48(0.38-0.58)
Federated States of Micronesia	Gout	57.86	86.18	48.94	0.13(0.09-0.18)

Federated States of Micronesia	Low back pain	2043.44	2629.43	28.68	0.15(0.14-0.17)
Federated States of Micronesia	Neck pain	519.11	686.27	32.20	0.01(0.00-0.01)
Fiji	Musculoskeletal disorders	22009.15	32920.11	49.57	0.03(0.02-0.04)
Fiji	Rheumatoid arthritis	44.84	74.23	65.57	0.37(0.31-0.43)
Fiji	Osteoarthritis	866.93	1690.05	94.95	0.32(0.27-0.37)
Fiji	Gout	468.62	874.98	86.72	0.15(0.10-0.20)
Fiji	Low back pain	16208.64	23601.14	45.61	0.01(0.00-0.03)
Fiji	Neck pain	4420.12	6679.70	51.12	0.00(0.00-0.00)
Finland	Musculoskeletal disorders	382892.98	427914.46	11.76	-0.31(-0.34--0.29)
Finland	Rheumatoid arthritis	1645.06	1752.16	6.51	-0.51(-0.59--0.43)
Finland	Osteoarthritis	12554.77	18595.20	48.11	0.40(0.36-0.43)
Finland	Gout	6264.31	9399.82	50.05	0.30(0.26-0.34)
Finland	Low back pain	301639.28	325504.83	7.91	-0.42(-0.46--0.39)
Finland	Neck pain	60789.56	72662.44	19.53	0.03(0.02-0.04)
France	Musculoskeletal disorders	3851573.49	4814930.74	25.01	0.05(0.04-0.06)
France	Rheumatoid arthritis	12019.04	15747.31	31.02	0.16(0.11-0.22)
France	Osteoarthritis	130718.72	198605.56	51.93	0.41(0.36-0.45)
France	Gout	70012.24	101456.71	44.91	0.17(0.13-0.20)
France	Low back pain	3103634.39	3830429.80	23.42	0.06(0.05-0.07)
France	Neck pain	535189.09	668691.37	24.94	-0.12(-0.18--0.06)
Gabon	Musculoskeletal disorders	31420.84	63184.46	101.09	0.10(0.08-0.13)
Gabon	Rheumatoid arthritis	117.91	224.08	90.05	-0.17(-0.20--0.14)
Gabon	Osteoarthritis	873.96	2031.89	132.49	0.55(0.52-0.59)
Gabon	Gout	531.36	1153.71	117.12	0.50(0.46-0.53)
Gabon	Low back pain	25171.13	50115.44	99.10	0.09(0.06-0.12)

Gabon	Neck pain	4726.48	9659.35	104.37	0.01(0.00-0.01)
Gambia	Musculoskeletal disorders	26090.94	66969.21	156.68	0.26(0.21-0.32)
Gambia	Rheumatoid arthritis	47.07	121.44	157.98	0.32(0.30-0.35)
Gambia	Osteoarthritis	576.00	1561.46	171.09	0.32(0.31-0.33)
Gambia	Gout	400.40	1021.78	155.19	0.05(0.03-0.07)
Gambia	Low back pain	20597.88	53396.63	159.23	0.32(0.25-0.39)
Gambia	Neck pain	4469.59	10867.90	143.15	0.03(0.02-0.03)
Georgia	Musculoskeletal disorders	261213.52	211443.59	-19.05	0.09(0.08-0.11)
Georgia	Rheumatoid arthritis	646.57	552.18	-14.60	0.47(0.30-0.65)
Georgia	Osteoarthritis	8183.94	7348.18	-10.21	0.31(0.27-0.35)
Georgia	Gout	4955.07	4657.05	-6.01	0.37(0.33-0.40)
Georgia	Low back pain	204110.40	164356.93	-19.48	0.10(0.08-0.12)
Georgia	Neck pain	43317.55	34529.25	-20.29	-0.01(-0.01-0.00)
Germany	Musculoskeletal disorders	6685536.35	7410635.01	10.85	-0.06(-0.08--0.04)
Germany	Rheumatoid arthritis	21230.80	26197.93	23.40	0.34(0.27-0.41)
Germany	Osteoarthritis	213463.90	287851.42	34.85	0.34(0.32-0.35)
Germany	Gout	109789.43	149115.29	35.82	0.25(0.21-0.29)
Germany	Low back pain	5428028.45	5908772.74	8.86	-0.09(-0.12--0.07)
Germany	Neck pain	913023.77	1038697.64	13.76	0.00(0.00-0.00)
Ghana	Musculoskeletal disorders	380185.08	883259.94	132.32	0.10(0.05-0.15)
Ghana	Rheumatoid arthritis	730.54	2032.79	178.26	0.80(0.77-0.84)
Ghana	Osteoarthritis	9592.40	27531.32	187.01	0.60(0.58-0.62)
Ghana	Gout	6370.86	16724.29	162.51	0.30(0.27-0.34)
Ghana	Low back pain	288761.07	658498.15	128.04	0.09(0.02-0.16)
Ghana	Neck pain	74730.21	178473.40	138.82	0.02(0.02-0.02)

Greece	Musculoskeletal disorders	751482.05	844759.37	12.41	-0.07(-0.08--0.05)
Greece	Rheumatoid arthritis	2285.17	2466.46	7.93	-0.32(-0.46--0.19)
Greece	Osteoarthritis	26797.73	35519.17	32.55	0.34(0.30-0.39)
Greece	Gout	14065.88	18297.87	30.09	0.11(0.07-0.15)
Greece	Low back pain	598531.77	660321.64	10.32	-0.11(-0.12--0.09)
Greece	Neck pain	109801.50	128154.22	16.71	0.05(0.02-0.07)
Greenland	Musculoskeletal disorders	2845.41	3496.68	22.89	0.02(-0.01-0.04)
Greenland	Rheumatoid arthritis	6.19	11.29	82.38	1.07(1.01-1.13)
Greenland	Osteoarthritis	89.00	169.23	90.15	0.60(0.57-0.64)
Greenland	Gout	51.93	93.56	80.17	0.69(0.60-0.78)
Greenland	Low back pain	2340.40	2764.31	18.11	-0.04(-0.07--0.01)
Greenland	Neck pain	357.89	458.28	28.05	0.04(0.04-0.05)
Grenada	Musculoskeletal disorders	2405.39	4194.00	74.36	0.02(0.01-0.02)
Grenada	Rheumatoid arthritis	11.71	22.40	91.19	0.38(0.34-0.41)
Grenada	Osteoarthritis	89.08	205.43	130.60	0.46(0.43-0.49)
Grenada	Gout	39.09	95.61	144.61	0.71(0.69-0.73)
Grenada	Low back pain	1841.31	3083.86	67.48	-0.02(-0.03--0.01)
Grenada	Neck pain	424.19	786.71	85.46	-0.01(-0.01--0.01)
Guam	Musculoskeletal disorders	4468.64	6823.25	52.69	0.07(0.07-0.08)
Guam	Rheumatoid arthritis	9.41	16.40	74.23	0.64(0.62-0.67)
Guam	Osteoarthritis	182.09	371.48	104.01	0.45(0.42-0.47)
Guam	Gout	100.29	196.73	96.16	0.17(0.16-0.18)
Guam	Low back pain	3286.89	4889.52	48.76	0.06(0.05-0.07)
Guam	Neck pain	889.97	1349.13	51.59	0.01(0.01-0.01)
Guatemala	Musculoskeletal disorders	205320.62	538918.24	162.48	0.12(0.11-0.12)

Guatemala	Rheumatoid arthritis	616.79	2091.03	239.02	1.18(1.15-1.20)
Guatemala	Osteoarthritis	5313.92	16410.41	208.82	0.65(0.62-0.68)
Guatemala	Gout	1865.56	6152.24	229.78	0.69(0.66-0.72)
Guatemala	Low back pain	165648.99	429509.94	159.29	0.10(0.09-0.11)
Guatemala	Neck pain	31875.37	84754.62	165.89	0.01(0.01-0.01)
Guinea	Musculoskeletal disorders	182059.24	364682.45	100.31	0.31(0.26-0.36)
Guinea	Rheumatoid arthritis	339.21	648.67	91.23	0.18(0.14-0.23)
Guinea	Osteoarthritis	4521.19	8159.35	80.47	0.25(0.23-0.27)
Guinea	Gout	3132.03	5543.08	76.98	0.26(0.22-0.29)
Guinea	Low back pain	141636.87	291273.44	105.65	0.38(0.31-0.45)
Guinea	Neck pain	32429.94	59057.91	82.11	0.00(0.00-0.00)
Guinea-Bissau	Musculoskeletal disorders	26633.89	56286.14	111.33	0.34(0.29-0.39)
Guinea-Bissau	Rheumatoid arthritis	51.92	107.16	106.40	0.28(0.26-0.31)
Guinea-Bissau	Osteoarthritis	631.43	1365.49	116.25	0.60(0.56-0.64)
Guinea-Bissau	Gout	418.41	845.18	102.00	0.38(0.34-0.42)
Guinea-Bissau	Low back pain	20870.16	44821.00	114.76	0.40(0.34-0.47)
Guinea-Bissau	Neck pain	4661.96	9147.30	96.21	0.00(0.00-0.00)
Guyana	Musculoskeletal disorders	19891.15	23886.14	20.08	0.05(0.05-0.06)
Guyana	Rheumatoid arthritis	91.47	132.78	45.15	0.71(0.66-0.76)
Guyana	Osteoarthritis	645.21	1089.43	68.85	0.39(0.37-0.42)
Guyana	Gout	278.06	429.55	54.48	0.39(0.37-0.41)
Guyana	Low back pain	15409.76	17831.72	15.72	0.03(0.03-0.03)
Guyana	Neck pain	3466.65	4402.66	27.00	0.00(0.00-0.00)
Haiti	Musculoskeletal disorders	158671.09	340104.62	114.35	0.07(0.05-0.09)
Haiti	Rheumatoid arthritis	867.53	1834.51	111.46	0.03(0.01-0.05)

Haiti	Osteoarthritis	4671.62	10750.84	130.13	0.31(0.30-0.32)
Haiti	Gout	2050.27	4786.15	133.44	0.35(0.33-0.36)
Haiti	Low back pain	123530.05	263140.27	113.02	0.06(0.04-0.09)
Haiti	Neck pain	27551.61	59592.85	116.30	0.01(0.01-0.01)
Honduras	Musculoskeletal disorders	104563.18	268436.19	156.72	0.18(0.17-0.19)
Honduras	Rheumatoid arthritis	465.51	1332.57	186.26	0.50(0.46-0.54)
Honduras	Osteoarthritis	2953.47	9437.13	219.53	0.61(0.57-0.64)
Honduras	Gout	1056.51	3465.07	227.97	0.76(0.71-0.81)
Honduras	Low back pain	82049.81	207512.27	152.91	0.19(0.17-0.20)
Honduras	Neck pain	18037.89	46689.14	158.84	0.01(0.00-0.01)
Hungary	Musculoskeletal disorders	783738.52	827610.48	5.60	0.00(-0.01-0.02)
Hungary	Rheumatoid arthritis	1884.90	1785.72	-5.26	-0.30(-0.38--0.23)
Hungary	Osteoarthritis	22572.74	25785.89	14.23	0.11(0.09-0.13)
Hungary	Gout	10985.23	13000.19	18.34	0.10(0.08-0.12)
Hungary	Low back pain	653692.34	685203.43	4.82	0.00(-0.02-0.02)
Hungary	Neck pain	94603.31	101835.25	7.64	0.00(0.00-0.00)
Iceland	Musculoskeletal disorders	17776.28	24905.19	40.10	-0.32(-0.38--0.27)
Iceland	Rheumatoid arthritis	50.30	82.46	63.95	0.22(0.20-0.24)
Iceland	Osteoarthritis	513.57	985.90	91.97	0.42(0.39-0.44)
Iceland	Gout	275.11	485.83	76.60	0.20(0.17-0.23)
Iceland	Low back pain	14508.67	19692.02	35.73	-0.42(-0.49--0.36)
Iceland	Neck pain	2428.63	3658.98	50.66	0.00(0.00-0.00)
India	Musculoskeletal disorders	24413944.33	43452529.33	77.98	-0.29(-0.41--0.17)
India	Rheumatoid arthritis	136621.75	263365.42	92.77	0.19(-0.02-0.40)
India	Osteoarthritis	1081534.63	2461374.91	127.58	0.39(0.37-0.42)

India	Gout	482635.03	1051295.78	117.82	0.01(-0.02-0.03)
India	Low back pain	18384728.22	31242530.62	69.94	-0.28(-0.38--0.19)
India	Neck pain	4328424.70	8433962.61	94.85	-0.54(-0.90--0.18)
Indonesia	Musculoskeletal disorders	5989434.85	10955658.42	82.92	0.20(0.16-0.24)
Indonesia	Rheumatoid arthritis	7231.78	14600.72	101.90	0.49(0.44-0.53)
Indonesia	Osteoarthritis	189371.48	447402.64	136.26	0.48(0.46-0.51)
Indonesia	Gout	98756.88	214778.52	117.48	0.23(0.22-0.25)
Indonesia	Low back pain	4660128.99	8376706.46	79.75	0.23(0.18-0.28)
Indonesia	Neck pain	1033945.72	1902170.08	83.97	0.00(0.00-0.00)
Iran	Musculoskeletal disorders	2249970.96	4623722.21	105.50	-0.08(-0.10--0.05)
Iran	Rheumatoid arthritis	5584.30	14189.17	154.09	0.84(0.78-0.90)
Iran	Osteoarthritis	72685.74	204730.77	181.67	0.45(0.36-0.55)
Iran	Gout	26219.81	69884.02	166.53	0.05(0.00-0.10)
Iran	Low back pain	1749567.80	3408467.03	94.82	-0.17(-0.20--0.14)
Iran	Neck pain	395913.32	926451.21	134.00	0.14(0.10-0.17)
Iraq	Musculoskeletal disorders	614263.86	1775021.83	188.97	-0.02(-0.03--0.01)
Iraq	Rheumatoid arthritis	1719.28	5450.59	217.03	0.42(0.35-0.50)
Iraq	Osteoarthritis	20970.23	67563.69	222.19	0.08(0.06-0.11)
Iraq	Gout	8615.66	26483.96	207.39	0.07(0.05-0.08)
Iraq	Low back pain	475886.89	1354159.57	184.55	-0.03(-0.04--0.02)
Iraq	Neck pain	107071.80	321364.01	200.14	0.00(-0.01-0.00)
Ireland	Musculoskeletal disorders	218256.38	332026.54	52.13	-0.04(-0.07--0.01)
Ireland	Rheumatoid arthritis	911.59	1429.88	56.85	-0.16(-0.21--0.11)
Ireland	Osteoarthritis	6993.94	13381.60	91.33	0.35(0.31-0.38)
Ireland	Gout	3786.27	6645.38	75.51	0.15(0.10-0.20)

Ireland	Low back pain	172873.79	257533.84	48.97	-0.07(-0.11--0.03)
Ireland	Neck pain	33690.79	53035.84	57.42	0.00(0.00-0.00)
Israel	Musculoskeletal disorders	299334.03	574762.15	92.01	-0.04(-0.07--0.02)
Israel	Rheumatoid arthritis	841.45	1842.83	119.01	0.34(0.32-0.36)
Israel	Osteoarthritis	8667.76	20211.01	133.17	0.29(0.26-0.31)
Israel	Gout	4760.79	10337.76	117.14	0.12(0.09-0.15)
Israel	Low back pain	241732.30	456944.83	89.03	-0.07(-0.10--0.04)
Israel	Neck pain	43331.73	85425.71	97.14	0.00(0.00-0.00)
Italy	Musculoskeletal disorders	4326480.68	4944297.21	14.28	-0.10(-0.12--0.07)
Italy	Rheumatoid arthritis	10076.69	12988.89	28.90	0.37(0.16-0.58)
Italy	Osteoarthritis	145201.11	199431.55	37.35	0.16(0.14-0.19)
Italy	Gout	76019.71	103642.86	36.34	0.05(0.03-0.07)
Italy	Low back pain	3456718.17	3855719.19	11.54	-0.13(-0.16--0.09)
Italy	Neck pain	638464.99	772514.71	21.00	0.00(0.00-0.00)
Ivory Coast	Musculoskeletal disorders	315176.03	802714.91	154.69	0.37(0.31-0.43)
Ivory Coast	Rheumatoid arthritis	582.56	1464.39	151.37	0.31(0.27-0.36)
Ivory Coast	Osteoarthritis	6804.14	18924.05	178.13	0.47(0.40-0.54)
Ivory Coast	Gout	4686.32	12374.05	164.05	0.32(0.28-0.35)
Ivory Coast	Low back pain	247426.48	637118.26	157.50	0.45(0.38-0.52)
Ivory Coast	Neck pain	55676.53	132834.16	138.58	0.00(0.00-0.00)
Jamaica	Musculoskeletal disorders	67785.05	99140.84	46.26	0.02(0.01-0.03)
Jamaica	Rheumatoid arthritis	323.42	545.97	68.81	0.48(0.44-0.51)
Jamaica	Osteoarthritis	2406.08	4598.24	91.11	0.47(0.43-0.52)
Jamaica	Gout	1078.02	1960.78	81.89	0.57(0.52-0.62)
Jamaica	Low back pain	52262.85	73753.20	41.12	-0.02(-0.03--0.01)

Jamaica	Neck pain	11714.66	18282.65	56.07	0.00(0.00-0.00)
Japan	Musculoskeletal disorders	8903335.35	11167411.85	25.43	0.19(0.15-0.23)
Japan	Rheumatoid arthritis	20615.48	20803.70	0.91	-0.64(-0.70--0.58)
Japan	Osteoarthritis	406856.03	531219.88	30.57	0.33(0.15-0.51)
Japan	Gout	186667.28	290041.00	55.38	0.26(0.21-0.31)
Japan	Low back pain	7101947.83	8835324.08	24.41	0.21(0.17-0.26)
Japan	Neck pain	1187248.73	1490023.19	25.50	-0.01(-0.01--0.01)
Jordan	Musculoskeletal disorders	128007.57	470012.85	267.18	0.03(0.02-0.05)
Jordan	Rheumatoid arthritis	337.46	1451.60	330.15	0.68(0.65-0.71)
Jordan	Osteoarthritis	4031.12	20122.01	399.17	0.48(0.45-0.51)
Jordan	Gout	1628.25	7450.53	357.58	0.33(0.31-0.35)
Jordan	Low back pain	99929.41	355216.49	255.47	0.01(-0.01-0.02)
Jordan	Neck pain	22081.34	85772.21	288.44	-0.01(-0.02--0.01)
Kazakhstan	Musculoskeletal disorders	738017.08	876091.49	18.71	-0.06(-0.07--0.05)
Kazakhstan	Rheumatoid arthritis	1653.80	2266.46	37.05	0.51(0.37-0.64)
Kazakhstan	Osteoarthritis	18751.84	26202.54	39.73	0.21(0.16-0.26)
Kazakhstan	Gout	11155.36	15414.87	38.18	0.26(0.24-0.28)
Kazakhstan	Low back pain	596843.47	696810.30	16.75	-0.09(-0.10--0.08)
Kazakhstan	Neck pain	109612.62	135397.32	23.52	0.00(0.00-0.00)
Kenya	Musculoskeletal disorders	542451.22	1389844.02	156.22	0.08(0.06-0.11)
Kenya	Rheumatoid arthritis	1862.04	4461.67	139.61	-0.24(-0.26--0.21)
Kenya	Osteoarthritis	12704.48	36462.90	187.01	0.26(0.24-0.28)
Kenya	Gout	8320.60	22577.63	171.35	0.16(0.12-0.19)
Kenya	Low back pain	436630.96	1112297.77	154.75	0.09(0.06-0.12)
Kenya	Neck pain	82933.13	214044.06	158.09	0.00(0.00-0.00)

Kiribati	Musculoskeletal disorders	2083.44	3718.79	78.49	0.20(0.17-0.22)
Kiribati	Rheumatoid arthritis	4.35	8.64	98.62	0.53(0.46-0.59)
Kiribati	Osteoarthritis	83.97	176.63	110.36	0.45(0.36-0.54)
Kiribati	Gout	43.97	82.36	87.33	0.13(0.09-0.17)
Kiribati	Low back pain	1538.03	2730.80	77.55	0.24(0.20-0.27)
Kiribati	Neck pain	413.12	720.35	74.37	0.01(0.01-0.01)
Kuwait	Musculoskeletal disorders	72823.29	235379.28	223.22	0.18(0.17-0.19)
Kuwait	Rheumatoid arthritis	211.15	851.94	303.47	0.91(0.73-1.08)
Kuwait	Osteoarthritis	2517.34	11239.15	346.47	0.53(0.48-0.57)
Kuwait	Gout	1080.40	3937.48	264.45	0.19(0.10-0.28)
Kuwait	Low back pain	55318.32	173857.63	214.29	0.18(0.17-0.19)
Kuwait	Neck pain	13696.07	45493.09	232.16	0.06(0.04-0.07)
Kyrgyzstan	Musculoskeletal disorders	171501.60	263080.51	53.40	-0.09(-0.10--0.07)
Kyrgyzstan	Rheumatoid arthritis	503.75	914.40	81.52	0.68(0.62-0.75)
Kyrgyzstan	Osteoarthritis	3937.41	6806.22	72.86	0.20(0.16-0.24)
Kyrgyzstan	Gout	2526.45	4164.85	64.85	0.25(0.24-0.25)
Kyrgyzstan	Low back pain	139461.25	210516.89	50.95	-0.12(-0.14--0.11)
Kyrgyzstan	Neck pain	25072.74	40678.14	62.24	0.00(0.00-0.00)
Laos	Musculoskeletal disorders	119671.01	247052.22	106.44	0.13(0.12-0.15)
Laos	Rheumatoid arthritis	164.26	358.34	118.15	0.39(0.36-0.42)
Laos	Osteoarthritis	3667.63	8660.92	136.14	0.46(0.43-0.50)
Laos	Gout	1959.13	4369.62	123.04	0.35(0.31-0.38)
Laos	Low back pain	94506.44	193768.04	105.03	0.14(0.12-0.16)
Laos	Neck pain	19373.55	39895.30	105.93	-0.01(-0.01-0.00)
Latvia	Musculoskeletal disorders	178107.24	157652.74	-11.48	0.09(0.04-0.13)

Latvia	Rheumatoid arthritis	478.14	360.58	-24.59	-0.18(-0.25--0.11)
Latvia	Osteoarthritis	5765.46	5432.18	-5.78	0.28(0.24-0.32)
Latvia	Gout	2764.84	2821.05	2.03	0.28(0.25-0.31)
Latvia	Low back pain	145425.17	128844.91	-11.40	0.09(0.04-0.15)
Latvia	Neck pain	23673.63	20194.02	-14.70	0.00(-0.01-0.00)
Lebanon	Musculoskeletal disorders	145156.97	359963.51	147.98	0.02(0.00-0.03)
Lebanon	Rheumatoid arthritis	458.00	1409.26	207.70	0.97(0.91-1.04)
Lebanon	Osteoarthritis	5073.45	14922.54	194.13	0.36(0.29-0.42)
Lebanon	Gout	2104.64	6025.37	186.29	0.24(0.23-0.26)
Lebanon	Low back pain	108945.55	263096.07	141.49	-0.01(-0.03-0.01)
Lebanon	Neck pain	28575.33	74510.27	160.75	-0.01(-0.01--0.01)
Lesotho	Musculoskeletal disorders	49428.88	60000.50	21.39	-0.06(-0.10--0.02)
Lesotho	Rheumatoid arthritis	164.66	223.52	35.74	0.43(0.41-0.45)
Lesotho	Osteoarthritis	1539.35	2102.95	36.61	0.38(0.37-0.39)
Lesotho	Gout	964.26	1252.79	29.92	0.20(0.18-0.21)
Lesotho	Low back pain	38146.03	45532.75	19.36	-0.11(-0.17--0.05)
Lesotho	Neck pain	8614.58	10888.49	26.40	0.01(0.01-0.01)
Liberia	Musculoskeletal disorders	62266.30	152864.18	145.50	0.20(0.17-0.23)
Liberia	Rheumatoid arthritis	117.12	285.47	143.75	0.34(0.22-0.46)
Liberia	Osteoarthritis	1732.12	3999.93	130.93	0.45(0.38-0.53)
Liberia	Gout	1194.88	2452.75	105.27	0.22(0.15-0.28)
Liberia	Low back pain	48599.59	120877.87	148.72	0.23(0.19-0.27)
Liberia	Neck pain	10622.60	25248.15	137.68	0.01(0.01-0.01)
Libya	Musculoskeletal disorders	152621.67	344692.69	125.85	0.07(0.06-0.08)
Libya	Rheumatoid arthritis	405.85	1098.14	170.58	0.82(0.78-0.87)

Libya	Osteoarthritis	5176.31	15654.37	202.42	0.46(0.43-0.49)
Libya	Gout	2173.02	5515.22	153.80	0.14(0.13-0.15)
Libya	Low back pain	118406.02	257574.05	117.53	0.05(0.04-0.07)
Libya	Neck pain	26460.48	64850.91	145.09	0.03(0.02-0.03)
Lithuania	Musculoskeletal disorders	235829.67	228754.27	-3.00	0.05(0.00-0.09)
Lithuania	Rheumatoid arthritis	599.84	525.31	-12.42	-0.12(-0.23--0.02)
Lithuania	Osteoarthritis	7156.35	7805.85	9.08	0.31(0.29-0.34)
Lithuania	Gout	3558.90	4038.28	13.47	0.20(0.19-0.21)
Lithuania	Low back pain	193499.38	187119.85	-3.30	0.04(-0.02-0.10)
Lithuania	Neck pain	31015.21	29264.99	-5.64	0.00(0.00-0.00)
Luxembourg	Musculoskeletal disorders	29747.95	46676.27	56.91	-0.04(-0.06--0.02)
Luxembourg	Rheumatoid arthritis	90.46	151.85	67.87	0.13(0.11-0.15)
Luxembourg	Osteoarthritis	963.89	1750.70	81.63	0.28(0.26-0.30)
Luxembourg	Gout	507.49	889.72	75.32	0.21(0.19-0.23)
Luxembourg	Low back pain	23881.05	37039.96	55.10	-0.07(-0.09--0.04)
Luxembourg	Neck pain	4305.06	6844.04	58.98	0.00(0.00-0.00)
Macedonia	Musculoskeletal disorders	112269.72	154041.48	37.21	-0.02(-0.04-0.00)
Macedonia	Rheumatoid arthritis	225.26	352.39	56.44	0.59(0.50-0.67)
Macedonia	Osteoarthritis	3167.99	5193.09	63.92	0.29(0.27-0.30)
Macedonia	Gout	1577.33	2623.49	66.32	0.11(0.09-0.13)
Macedonia	Low back pain	92398.59	124990.74	35.27	-0.04(-0.06--0.01)
Macedonia	Neck pain	14900.56	20881.77	40.14	0.00(0.00-0.00)
Madagascar	Musculoskeletal disorders	318582.87	695879.72	118.43	-0.12(-0.16--0.07)
Madagascar	Rheumatoid arthritis	997.76	2077.52	108.22	-0.26(-0.28--0.25)
Madagascar	Osteoarthritis	7236.92	16720.89	131.05	0.08(0.08-0.09)

Madagascar	Gout	4926.84	10617.13	115.50	-0.04(-0.05--0.03)
Madagascar	Low back pain	260708.03	563521.94	116.15	-0.15(-0.20--0.09)
Madagascar	Neck pain	44713.32	102942.25	130.23	0.00(0.00-0.00)
Malawi	Musculoskeletal disorders	236537.95	460369.56	94.63	0.23(0.15-0.30)
Malawi	Rheumatoid arthritis	869.57	1493.97	71.81	-0.23(-0.26--0.21)
Malawi	Osteoarthritis	6000.72	11514.07	91.88	0.27(0.25-0.29)
Malawi	Gout	3863.75	7132.38	84.60	0.03(0.00-0.06)
Malawi	Low back pain	189887.08	373345.60	96.61	0.28(0.18-0.37)
Malawi	Neck pain	35916.83	66883.55	86.22	0.00(0.00-0.00)
Malaysia	Musculoskeletal disorders	510375.60	1128314.11	121.08	0.06(0.04-0.08)
Malaysia	Rheumatoid arthritis	699.04	1882.59	169.31	0.72(0.67-0.76)
Malaysia	Osteoarthritis	19426.78	56316.51	189.89	0.60(0.58-0.61)
Malaysia	Gout	9805.95	27728.95	182.78	0.43(0.42-0.44)
Malaysia	Low back pain	388156.20	835409.98	115.23	0.03(0.01-0.05)
Malaysia	Neck pain	92287.63	206976.09	124.27	-0.01(-0.01--0.01)
Maldives	Musculoskeletal disorders	5465.70	17593.40	221.89	0.13(0.12-0.14)
Maldives	Rheumatoid arthritis	8.03	26.61	231.22	0.45(0.42-0.48)
Maldives	Osteoarthritis	183.65	763.60	315.78	0.72(0.70-0.75)
Maldives	Gout	103.37	393.77	280.93	0.24(0.18-0.31)
Maldives	Low back pain	4253.73	13320.13	213.14	0.12(0.11-0.14)
Maldives	Neck pain	916.91	3089.30	236.92	-0.02(-0.02--0.01)
Mali	Musculoskeletal disorders	215356.81	521738.05	142.27	0.33(0.28-0.38)
Mali	Rheumatoid arthritis	437.10	1053.24	140.96	0.32(0.29-0.34)
Mali	Osteoarthritis	5750.26	13484.10	134.50	0.48(0.47-0.48)
Mali	Gout	3876.65	9046.52	133.36	0.44(0.42-0.46)

Mali	Low back pain	162406.39	404522.54	149.08	0.41(0.34-0.47)
Mali	Neck pain	42886.42	93631.64	118.32	-0.01(-0.01--0.01)
Malta	Musculoskeletal disorders	25953.32	36495.40	40.62	0.01(-0.01-0.02)
Malta	Rheumatoid arthritis	76.88	117.50	52.83	0.24(0.21-0.27)
Malta	Osteoarthritis	841.81	1505.69	78.86	0.37(0.33-0.42)
Malta	Gout	426.33	767.29	79.98	0.25(0.21-0.29)
Malta	Low back pain	20855.21	28800.35	38.10	-0.01(-0.03-0.01)
Malta	Neck pain	3753.09	5304.57	41.34	0.00(0.00-0.00)
Marshall Islands	Musculoskeletal disorders	1100.38	1842.22	67.42	0.05(0.04-0.05)
Marshall Islands	Rheumatoid arthritis	2.47	4.56	84.74	0.38(0.36-0.40)
Marshall Islands	Osteoarthritis	39.36	90.46	129.85	0.31(0.28-0.34)
Marshall Islands	Gout	22.20	44.08	98.51	0.13(0.09-0.16)
Marshall Islands	Low back pain	830.70	1340.72	61.40	0.03(0.02-0.04)
Marshall Islands	Neck pain	205.66	362.40	76.21	0.00(0.00-0.01)
Mauritania	Musculoskeletal disorders	61747.70	133344.69	115.95	0.29(0.24-0.35)
Mauritania	Rheumatoid arthritis	116.12	256.90	121.24	0.37(0.34-0.40)
Mauritania	Osteoarthritis	1540.49	3621.99	135.12	0.52(0.49-0.55)
Mauritania	Gout	1017.67	2278.61	123.90	0.46(0.42-0.51)
Mauritania	Low back pain	48611.09	106103.53	118.27	0.34(0.27-0.41)
Mauritania	Neck pain	10462.33	21083.67	101.52	0.00(0.00-0.00)
Mauritius	Musculoskeletal disorders	38798.44	62488.06	61.06	0.09(0.09-0.10)
Mauritius	Rheumatoid arthritis	55.74	115.76	107.67	0.93(0.90-0.96)
Mauritius	Osteoarthritis	1438.60	3313.45	130.32	0.61(0.58-0.65)
Mauritius	Gout	753.29	1629.13	116.27	0.36(0.35-0.38)
Mauritius	Low back pain	29896.42	46670.40	56.11	0.08(0.06-0.09)

Mauritius	Neck pain	6654.39	10759.31	61.69	0.00(0.00-0.00)
Mexico	Musculoskeletal disorders	1980233.86	3630542.08	83.34	-0.13(-0.18--0.07)
Mexico	Rheumatoid arthritis	10368.70	19825.16	91.20	-0.69(-0.79--0.59)
Mexico	Osteoarthritis	71169.96	191881.74	169.61	0.36(0.34-0.38)
Mexico	Gout	26355.83	66374.65	151.84	0.57(0.47-0.66)
Mexico	Low back pain	1476178.83	2518433.54	70.60	-0.21(-0.30--0.13)
Mexico	Neck pain	396160.54	834027.00	110.53	0.00(0.00-0.00)
Moldova	Musculoskeletal disorders	257779.80	265067.04	2.83	-0.11(-0.13--0.09)
Moldova	Rheumatoid arthritis	474.80	537.78	13.26	0.33(0.15-0.52)
Moldova	Osteoarthritis	7464.69	9276.99	24.28	0.33(0.26-0.39)
Moldova	Gout	3636.60	4578.68	25.91	0.27(0.24-0.30)
Moldova	Low back pain	212647.41	214973.40	1.09	-0.15(-0.18--0.13)
Moldova	Neck pain	33556.30	35700.20	6.39	0.00(0.00-0.00)
Mongolia	Musculoskeletal disorders	71717.19	142250.50	98.35	-0.11(-0.12--0.10)
Mongolia	Rheumatoid arthritis	168.26	378.79	125.12	0.40(0.33-0.46)
Mongolia	Osteoarthritis	1435.23	3743.91	160.86	0.14(0.09-0.19)
Mongolia	Gout	1008.83	2241.06	122.14	0.01(0.00-0.02)
Mongolia	Low back pain	58799.07	113116.00	92.38	-0.15(-0.16--0.13)
Mongolia	Neck pain	10305.80	22770.74	120.95	0.00(0.00-0.00)
Montenegro	Musculoskeletal disorders	37742.52	46283.53	22.63	0.03(0.02-0.04)
Montenegro	Rheumatoid arthritis	73.88	101.00	36.71	0.48(0.38-0.58)
Montenegro	Osteoarthritis	1011.44	1427.68	41.15	0.16(0.12-0.20)
Montenegro	Gout	500.03	731.87	46.37	0.13(0.11-0.15)
Montenegro	Low back pain	31429.68	38118.35	21.28	0.02(0.01-0.04)
Montenegro	Neck pain	4727.50	5904.62	24.90	0.00(0.00-0.00)

Morocco	Musculoskeletal disorders	1042231.74	1962803.21	88.33	0.18(0.14-0.21)
Morocco	Rheumatoid arthritis	2416.22	5409.00	123.86	0.77(0.75-0.79)
Morocco	Osteoarthritis	30562.06	76669.57	150.87	0.51(0.50-0.52)
Morocco	Gout	12962.37	29571.79	128.14	0.22(0.19-0.24)
Morocco	Low back pain	813164.90	1504918.84	85.07	0.20(0.16-0.25)
Morocco	Neck pain	183126.19	346234.01	89.07	0.00(0.00-0.00)
Mozambique	Musculoskeletal disorders	350452.67	738486.39	110.72	0.25(0.19-0.31)
Mozambique	Rheumatoid arthritis	1311.85	2543.03	93.85	0.01(-0.02-0.04)
Mozambique	Osteoarthritis	9398.55	18538.84	97.25	0.29(0.26-0.31)
Mozambique	Gout	5824.71	11226.02	92.73	0.15(0.14-0.16)
Mozambique	Low back pain	278715.05	597274.61	114.30	0.30(0.23-0.37)
Mozambique	Neck pain	55202.53	108903.88	97.28	0.00(0.00-0.00)
Myanmar	Musculoskeletal disorders	1082380.54	1808940.74	67.13	0.08(0.06-0.09)
Myanmar	Rheumatoid arthritis	1797.83	3408.21	89.57	0.61(0.56-0.66)
Myanmar	Osteoarthritis	40182.81	85937.02	113.87	0.49(0.45-0.52)
Myanmar	Gout	21664.95	41011.75	89.30	0.12(0.10-0.14)
Myanmar	Low back pain	807591.24	1319605.67	63.40	0.07(0.05-0.09)
Myanmar	Neck pain	211143.71	358978.10	70.02	0.01(0.01-0.01)
Namibia	Musculoskeletal disorders	36890.75	72226.19	95.78	0.09(0.08-0.10)
Namibia	Rheumatoid arthritis	131.23	243.25	85.37	-0.10(-0.15--0.05)
Namibia	Osteoarthritis	998.44	2274.36	127.79	0.52(0.49-0.55)
Namibia	Gout	677.20	1411.48	108.43	0.25(0.22-0.28)
Namibia	Low back pain	28602.53	55374.11	93.60	0.09(0.07-0.10)
Namibia	Neck pain	6481.37	12923.00	99.39	0.01(0.00-0.01)
Nepal	Musculoskeletal disorders	631516.64	1284025.95	103.32	0.22(0.18-0.25)

Nepal	Rheumatoid arthritis	2238.27	5367.04	139.78	0.69(0.59-0.78)
Nepal	Osteoarthritis	19233.98	46252.98	140.48	0.61(0.55-0.67)
Nepal	Gout	9507.35	21020.16	121.09	0.15(0.14-0.17)
Nepal	Low back pain	518656.04	1053111.22	103.05	0.23(0.19-0.27)
Nepal	Neck pain	81880.99	158274.54	93.30	0.01(0.01-0.01)
Netherlands	Musculoskeletal disorders	1186573.27	1428262.79	20.37	-0.08(-0.11--0.05)
Netherlands	Rheumatoid arthritis	4047.95	4893.13	20.88	-0.44(-0.48--0.40)
Netherlands	Osteoarthritis	34618.64	54874.67	58.51	0.28(0.25-0.30)
Netherlands	Gout	17403.16	26404.70	51.72	0.17(0.15-0.18)
Netherlands	Low back pain	964634.34	1134514.29	17.61	-0.09(-0.13--0.05)
Netherlands	Neck pain	165869.18	207576.02	25.14	-0.09(-0.13--0.04)
New Zealand	Musculoskeletal disorders	263685.77	394733.08	49.70	0.02(-0.01-0.05)
New Zealand	Rheumatoid arthritis	619.10	970.77	56.80	0.05(0.01-0.08)
New Zealand	Osteoarthritis	7772.46	15368.50	97.73	0.58(0.54-0.61)
New Zealand	Gout	6866.68	12698.07	84.92	0.07(-0.04-0.19)
New Zealand	Low back pain	222025.05	328012.91	47.74	0.03(0.00-0.06)
New Zealand	Neck pain	26402.48	37682.83	42.72	-0.30(-0.36--0.23)
Nicaragua	Musculoskeletal disorders	87450.64	193712.31	121.51	0.07(0.07-0.08)
Nicaragua	Rheumatoid arthritis	342.58	849.59	148.00	0.35(0.28-0.42)
Nicaragua	Osteoarthritis	2511.57	7919.03	215.30	0.65(0.61-0.68)
Nicaragua	Gout	921.58	2816.80	205.65	0.72(0.69-0.75)
Nicaragua	Low back pain	69325.93	147505.52	112.77	0.04(0.04-0.05)
Nicaragua	Neck pain	14348.98	34621.37	141.28	0.00(0.00-0.00)
Niger	Musculoskeletal disorders	206763.15	574691.69	177.95	0.30(0.25-0.34)
Niger	Rheumatoid arthritis	357.43	968.95	171.09	0.22(0.17-0.28)

Niger	Osteoarthritis	4374.84	11759.91	168.81	0.30(0.28-0.33)
Niger	Gout	3035.03	7834.29	158.13	0.11(0.09-0.13)
Niger	Low back pain	163616.50	464994.46	184.20	0.36(0.30-0.43)
Niger	Neck pain	35379.34	89134.09	151.94	0.02(0.01-0.02)
Nigeria	Musculoskeletal disorders	3035554.87	6899506.13	127.29	0.14(0.06-0.22)
Nigeria	Rheumatoid arthritis	4636.73	11531.75	148.70	0.64(0.57-0.72)
Nigeria	Osteoarthritis	65938.11	145228.45	120.25	0.10(0.02-0.18)
Nigeria	Gout	46706.73	91451.20	95.80	-0.04(-0.14-0.06)
Nigeria	Low back pain	2451628.96	5616651.72	129.10	0.15(0.06-0.25)
Nigeria	Neck pain	466644.35	1034643.01	121.72	0.09(0.08-0.10)
North Korea	Musculoskeletal disorders	675876.52	1033455.28	52.91	-0.08(-0.09--0.07)
North Korea	Rheumatoid arthritis	1838.80	2861.55	55.62	-0.10(-0.14--0.05)
North Korea	Osteoarthritis	20160.71	34929.13	73.25	0.07(0.06-0.08)
North Korea	Gout	13288.75	24661.31	85.58	0.25(0.23-0.27)
North Korea	Low back pain	470384.59	703658.87	49.59	-0.11(-0.12--0.10)
North Korea	Neck pain	170203.67	267344.43	57.07	-0.02(-0.02--0.02)
Northern Mariana Islands	Musculoskeletal disorders	1485.21	2057.24	38.52	0.04(0.03-0.04)
Northern Mariana Islands	Rheumatoid arthritis	3.18	4.77	49.85	0.25(0.18-0.33)
Northern Mariana Islands	Osteoarthritis	59.37	121.29	104.31	0.17(0.08-0.25)
Northern Mariana Islands	Gout	31.95	59.09	84.92	-0.24(-0.27--0.21)
Northern Mariana Islands	Low back pain	1090.49	1459.56	33.84	0.04(0.04-0.05)
Northern Mariana Islands	Neck pain	300.21	412.53	37.41	0.02(0.02-0.03)
Norway	Musculoskeletal disorders	326717.70	412219.82	26.17	-0.05(-0.10--0.01)
Norway	Rheumatoid arthritis	1141.44	1351.00	18.36	-0.44(-0.51--0.37)
Norway	Osteoarthritis	10043.81	15433.59	53.66	0.35(0.32-0.37)

Norway	Gout	5228.86	7314.55	39.89	0.02(-0.01-0.05)
Norway	Low back pain	252767.43	312534.13	23.64	-0.13(-0.17--0.08)
Norway	Neck pain	57536.16	75586.56	31.37	0.20(0.10-0.29)
Oman	Musculoskeletal disorders	68228.94	216742.59	217.67	0.06(0.04-0.08)
Oman	Rheumatoid arthritis	149.65	550.65	267.96	0.79(0.68-0.89)
Oman	Osteoarthritis	1860.73	8158.27	338.45	0.92(0.89-0.96)
Oman	Gout	854.28	3473.99	306.65	0.70(0.64-0.76)
Oman	Low back pain	52945.17	163375.08	208.57	0.01(-0.01-0.04)
Oman	Neck pain	12419.11	41184.60	231.62	-0.02(-0.05-0.01)
Pakistan	Musculoskeletal disorders	2796021.15	6358828.51	127.42	0.18(0.15-0.20)
Pakistan	Rheumatoid arthritis	13230.11	33359.86	152.15	0.77(0.72-0.82)
Pakistan	Osteoarthritis	104325.38	268321.64	157.20	0.65(0.60-0.71)
Pakistan	Gout	55354.43	121805.08	120.05	0.28(0.25-0.31)
Pakistan	Low back pain	2177910.87	4943844.33	127.00	0.18(0.14-0.21)
Pakistan	Neck pain	445200.36	991497.60	122.71	0.00(0.00-0.01)
Palestine	Musculoskeletal disorders	68567.72	194897.12	184.24	-0.03(-0.05--0.01)
Palestine	Rheumatoid arthritis	178.06	580.57	226.05	0.44(0.42-0.47)
Palestine	Osteoarthritis	2068.03	7090.15	242.85	0.24(0.19-0.29)
Palestine	Gout	873.11	2752.62	215.27	0.23(0.18-0.28)
Palestine	Low back pain	53723.87	149514.24	178.30	-0.06(-0.08--0.04)
Palestine	Neck pain	11724.64	34959.54	198.17	-0.02(-0.03--0.02)
Panama	Musculoskeletal disorders	64815.29	130212.67	100.90	0.06(0.05-0.07)
Panama	Rheumatoid arthritis	231.22	526.73	127.80	0.29(0.26-0.33)
Panama	Osteoarthritis	1893.68	5253.54	177.43	0.47(0.45-0.49)
Panama	Gout	698.63	1924.49	175.47	0.66(0.64-0.67)

Panama	Low back pain	50180.93	97509.22	94.32	0.04(0.02-0.06)
Panama	Neck pain	11810.83	24998.69	111.66	0.00(0.00-0.00)
Papua New Guinea	Musculoskeletal disorders	109000.53	276329.65	153.51	0.18(0.16-0.19)
Papua New Guinea	Rheumatoid arthritis	217.91	571.64	162.32	0.21(0.19-0.24)
Papua New Guinea	Osteoarthritis	3519.89	9580.92	172.19	0.16(0.14-0.17)
Papua New Guinea	Gout	2033.24	5081.41	149.92	0.05(0.03-0.06)
Papua New Guinea	Low back pain	81868.35	207764.59	153.78	0.23(0.21-0.25)
Papua New Guinea	Neck pain	21361.14	53331.08	149.66	0.00(0.00-0.00)
Paraguay	Musculoskeletal disorders	136845.95	299320.77	118.73	0.35(0.27-0.44)
Paraguay	Rheumatoid arthritis	384.61	1125.78	192.71	1.34(1.27-1.40)
Paraguay	Osteoarthritis	3461.88	8889.16	156.77	0.41(0.39-0.42)
Paraguay	Gout	1343.59	3480.18	159.02	0.53(0.52-0.55)
Paraguay	Low back pain	113782.94	247397.83	117.43	0.41(0.30-0.51)
Paraguay	Neck pain	17872.93	38427.83	115.01	0.00(0.00-0.00)
Peru	Musculoskeletal disorders	690073.61	1365013.17	97.81	0.22(0.20-0.24)
Peru	Rheumatoid arthritis	2717.79	5288.37	94.58	-0.01(-0.04-0.01)
Peru	Osteoarthritis	20219.44	51786.00	156.12	0.46(0.44-0.48)
Peru	Gout	7517.28	19288.89	156.59	0.51(0.49-0.53)
Peru	Low back pain	560758.72	1087076.31	93.86	0.25(0.22-0.27)
Peru	Neck pain	98860.37	201573.60	103.90	0.00(0.00-0.00)
Philippines	Musculoskeletal disorders	2147711.93	4270264.04	98.83	0.06(0.03-0.09)
Philippines	Rheumatoid arthritis	3466.54	6793.73	95.98	-0.27(-0.43--0.12)
Philippines	Osteoarthritis	54478.38	135639.87	148.98	0.34(0.29-0.38)
Philippines	Gout	30520.74	71785.95	135.20	0.15(0.11-0.18)
Philippines	Low back pain	1753327.80	3432392.61	95.76	0.06(0.03-0.10)

Philippines	Neck pain	305918.47	623651.89	103.86	0.00(0.00-0.00)
Poland	Musculoskeletal disorders	2439934.67	2980263.30	22.15	-0.02(-0.03--0.01)
Poland	Rheumatoid arthritis	6905.07	7363.15	6.63	-0.51(-0.54--0.48)
Poland	Osteoarthritis	65657.30	95433.04	45.35	0.36(0.34-0.38)
Poland	Gout	33036.75	48639.66	47.23	0.27(0.25-0.28)
Poland	Low back pain	2019205.68	2442509.39	20.96	-0.04(-0.06--0.02)
Poland	Neck pain	315129.87	386318.07	22.59	0.00(0.00-0.00)
Portugal	Musculoskeletal disorders	711113.93	883509.20	24.24	0.09(0.05-0.13)
Portugal	Rheumatoid arthritis	2253.03	3042.76	35.05	0.33(0.29-0.38)
Portugal	Osteoarthritis	24443.33	37437.05	53.16	0.39(0.36-0.42)
Portugal	Gout	12312.74	18180.22	47.65	0.12(0.08-0.16)
Portugal	Low back pain	566162.09	690323.48	21.93	0.09(0.04-0.14)
Portugal	Neck pain	105942.74	134525.70	26.98	0.00(0.00-0.00)
Puerto Rico	Musculoskeletal disorders	118628.34	158425.07	33.55	0.07(0.05-0.08)
Puerto Rico	Rheumatoid arthritis	704.30	1009.00	43.26	0.47(0.40-0.54)
Puerto Rico	Osteoarthritis	5412.86	9185.84	69.70	0.47(0.42-0.53)
Puerto Rico	Gout	2202.29	3889.81	76.63	0.51(0.47-0.54)
Puerto Rico	Low back pain	87412.36	113446.85	29.78	0.04(0.03-0.06)
Puerto Rico	Neck pain	22896.53	30893.57	34.93	0.00(0.00-0.00)
Qatar	Musculoskeletal disorders	19953.45	147526.47	639.35	-0.02(-0.04-0.00)
Qatar	Rheumatoid arthritis	47.02	355.43	655.88	0.09(-0.02-0.19)
Qatar	Osteoarthritis	752.01	6290.02	736.43	0.04(-0.01-0.10)
Qatar	Gout	312.50	2625.25	740.08	0.27(0.23-0.32)
Qatar	Low back pain	15191.00	110803.26	629.40	-0.02(-0.04--0.01)
Qatar	Neck pain	3650.92	27452.52	651.93	-0.07(-0.08--0.05)

Republic of Congo	Musculoskeletal disorders	69806.91	169415.52	142.69	0.08(0.06-0.10)
Republic of Congo	Rheumatoid arthritis	255.82	569.26	122.52	-0.32(-0.33--0.31)
Republic of Congo	Osteoarthritis	1727.32	4755.12	175.29	0.27(0.26-0.28)
Republic of Congo	Gout	1032.04	2761.96	167.62	0.41(0.39-0.43)
Republic of Congo	Low back pain	56305.47	134758.35	139.33	0.09(0.06-0.11)
Republic of Congo	Neck pain	10486.25	26570.83	153.39	-0.01(-0.02--0.01)
Romania	Musculoskeletal disorders	1571333.15	1560572.02	-0.68	-0.13(-0.17--0.09)
Romania	Rheumatoid arthritis	2845.22	3277.49	15.19	0.62(0.55-0.69)
Romania	Osteoarthritis	41207.69	49813.87	20.88	0.45(0.42-0.47)
Romania	Gout	21162.18	26530.56	25.37	0.39(0.35-0.44)
Romania	Low back pain	1315009.76	1280368.76	-2.63	-0.18(-0.22--0.13)
Romania	Neck pain	191108.29	200581.33	4.96	0.00(0.00-0.00)
Russia	Musculoskeletal disorders	9308564.19	9475593.11	1.79	-0.12(-0.22--0.02)
Russia	Rheumatoid arthritis	21102.94	23841.66	12.98	0.14(0.03-0.25)
Russia	Osteoarthritis	295354.18	383696.36	29.91	0.36(0.35-0.38)
Russia	Gout	143645.77	191652.70	33.42	0.35(0.32-0.38)
Russia	Low back pain	7502497.05	7367971.45	-1.79	-0.17(-0.29--0.05)
Russia	Neck pain	1345964.26	1508430.94	12.07	0.00(0.00-0.00)
Rwanda	Musculoskeletal disorders	175908.03	352440.69	100.36	0.09(0.05-0.13)
Rwanda	Rheumatoid arthritis	661.99	1184.36	78.91	-0.38(-0.40--0.35)
Rwanda	Osteoarthritis	4318.99	9385.01	117.30	0.21(0.16-0.25)
Rwanda	Gout	2723.75	5485.26	101.39	-0.05(-0.10-0.00)
Rwanda	Low back pain	141867.45	283676.76	99.96	0.11(0.05-0.17)
Rwanda	Neck pain	26335.84	52709.29	100.14	0.00(0.00-0.00)
Saint Lucia	Musculoskeletal disorders	3720.66	6787.00	82.41	-0.03(-0.04--0.01)

Saint Lucia	Rheumatoid arthritis	21.54	44.07	104.63	0.16(0.14-0.18)
Saint Lucia	Osteoarthritis	133.36	357.90	168.37	0.39(0.34-0.44)
Saint Lucia	Gout	56.82	142.61	151.00	0.55(0.51-0.58)
Saint Lucia	Low back pain	2873.03	4954.04	72.43	-0.08(-0.10--0.06)
Saint Lucia	Neck pain	635.91	1288.38	102.60	-0.01(-0.01--0.01)
Saint Vincent and the Grenadines	Musculoskeletal disorders	2925.18	4292.98	46.76	0.10(0.09-0.10)
Saint Vincent and the Grenadines	Rheumatoid arthritis	14.65	25.79	76.03	0.77(0.71-0.83)
Saint Vincent and the Grenadines	Osteoarthritis	112.18	252.63	125.20	0.72(0.67-0.76)
Saint Vincent and the Grenadines	Gout	48.65	100.73	107.07	0.77(0.74-0.80)
Saint Vincent and the Grenadines	Low back pain	2243.04	3112.49	38.76	0.06(0.05-0.07)
Saint Vincent and the Grenadines	Neck pain	506.65	801.33	58.16	-0.01(-0.01--0.01)
Samoa	Musculoskeletal disorders	4796.98	6517.54	35.87	-0.07(-0.09--0.04)
Samoa	Rheumatoid arthritis	10.13	15.86	56.50	0.53(0.48-0.57)
Samoa	Osteoarthritis	196.78	343.62	74.62	0.28(0.22-0.34)
Samoa	Gout	108.25	171.31	58.24	0.06(0.04-0.08)
Samoa	Low back pain	3627.49	4762.09	31.28	-0.11(-0.14--0.09)
Samoa	Neck pain	854.32	1224.67	43.35	0.00(0.00-0.00)
Sao Tome and Principe	Musculoskeletal disorders	3361.16	6709.08	99.61	0.28(0.23-0.33)
Sao Tome and Principe	Rheumatoid arthritis	6.60	12.99	96.77	0.35(0.31-0.38)
Sao Tome and Principe	Osteoarthritis	90.06	182.51	102.66	0.36(0.33-0.40)
Sao Tome and Principe	Gout	62.43	116.83	87.12	0.36(0.33-0.39)
Sao Tome and Principe	Low back pain	2607.30	5235.37	100.80	0.35(0.29-0.41)
Sao Tome and Principe	Neck pain	594.76	1161.38	95.27	-0.02(-0.02--0.01)
Saudi Arabia	Musculoskeletal disorders	574765.35	1762702.25	206.68	0.11(0.09-0.12)
Saudi Arabia	Rheumatoid arthritis	1424.29	5224.55	266.82	0.70(0.65-0.75)

Saudi Arabia	Osteoarthritis	17994.91	76037.30	322.55	0.61(0.54-0.69)
Saudi Arabia	Gout	7915.19	27555.01	248.13	0.39(0.36-0.42)
Saudi Arabia	Low back pain	444714.01	1321524.54	197.16	0.09(0.07-0.10)
Saudi Arabia	Neck pain	102716.95	332360.85	223.57	0.01(0.00-0.01)
Senegal	Musculoskeletal disorders	185473.33	429301.79	131.46	0.28(0.23-0.32)
Senegal	Rheumatoid arthritis	387.99	871.67	124.66	0.17(0.14-0.20)
Senegal	Osteoarthritis	4863.54	11783.01	142.27	0.23(0.20-0.25)
Senegal	Gout	3314.31	7710.67	132.65	0.17(0.16-0.18)
Senegal	Low back pain	141234.00	330600.87	134.08	0.35(0.29-0.41)
Senegal	Neck pain	35673.49	78335.57	119.59	0.00(0.00-0.00)
Serbia	Musculoskeletal disorders	640168.40	690481.51	7.86	0.00(0.00-0.01)
Serbia	Rheumatoid arthritis	1168.58	1443.20	23.50	0.73(0.66-0.79)
Serbia	Osteoarthritis	18765.63	22236.03	18.49	0.29(0.25-0.32)
Serbia	Gout	9122.36	11600.11	27.16	0.19(0.16-0.21)
Serbia	Low back pain	531592.92	568412.36	6.93	-0.01(-0.01-0.00)
Serbia	Neck pain	79518.91	86789.81	9.14	0.00(0.00-0.00)
Seychelles	Musculoskeletal disorders	2522.53	4560.18	80.78	0.09(0.08-0.10)
Seychelles	Rheumatoid arthritis	3.69	7.98	116.46	0.65(0.61-0.68)
Seychelles	Osteoarthritis	98.96	258.18	160.90	0.57(0.52-0.61)
Seychelles	Gout	53.56	116.00	116.57	0.43(0.42-0.43)
Seychelles	Low back pain	1945.10	3391.32	74.35	0.07(0.05-0.09)
Seychelles	Neck pain	421.22	786.70	86.77	-0.01(-0.01--0.01)
Sierra Leone	Musculoskeletal disorders	112346.52	250645.34	123.10	0.30(0.25-0.35)
Sierra Leone	Rheumatoid arthritis	204.83	441.30	115.44	0.19(0.15-0.23)
Sierra Leone	Osteoarthritis	2687.20	5626.59	109.38	0.26(0.24-0.27)

Sierra Leone	Gout	1887.67	3768.83	99.65	0.22(0.18-0.26)
Sierra Leone	Low back pain	87718.35	200165.20	128.19	0.38(0.31-0.44)
Sierra Leone	Neck pain	19848.46	40643.42	104.77	0.00(-0.01-0.00)
Singapore	Musculoskeletal disorders	162197.01	328504.16	102.53	0.01(-0.05-0.06)
Singapore	Rheumatoid arthritis	304.18	772.30	153.90	0.50(0.42-0.58)
Singapore	Osteoarthritis	6191.43	17548.33	183.43	0.36(0.34-0.39)
Singapore	Gout	3123.77	8633.53	176.38	0.36(0.31-0.40)
Singapore	Low back pain	130183.71	252484.64	93.94	-0.03(-0.10-0.04)
Singapore	Neck pain	22393.91	49065.35	119.10	0.03(0.02-0.03)
Slovakia	Musculoskeletal disorders	349321.15	445098.65	27.42	0.01(-0.01-0.02)
Slovakia	Rheumatoid arthritis	642.80	923.45	43.66	0.45(0.40-0.51)
Slovakia	Osteoarthritis	9195.58	13323.98	44.90	0.08(0.05-0.11)
Slovakia	Gout	4580.64	6579.23	43.63	0.04(0.01-0.07)
Slovakia	Low back pain	292879.98	370176.21	26.39	0.00(-0.02-0.02)
Slovakia	Neck pain	42022.16	54095.77	28.73	0.00(0.00-0.00)
Slovenia	Musculoskeletal disorders	137504.98	174276.12	26.74	0.02(-0.01-0.04)
Slovenia	Rheumatoid arthritis	330.73	455.44	37.71	0.40(0.36-0.43)
Slovenia	Osteoarthritis	3679.36	5536.86	50.48	0.36(0.34-0.38)
Slovenia	Gout	1792.39	2891.99	61.35	0.41(0.39-0.43)
Slovenia	Low back pain	114660.00	143662.02	25.29	0.00(-0.03-0.04)
Slovenia	Neck pain	17042.48	21729.81	27.50	-0.01(-0.01--0.01)
Solomon Islands	Musculoskeletal disorders	8246.24	18536.63	124.79	0.16(0.14-0.17)
Solomon Islands	Rheumatoid arthritis	17.16	41.55	142.12	0.41(0.37-0.45)
Solomon Islands	Osteoarthritis	285.91	760.15	165.87	0.40(0.33-0.47)
Solomon Islands	Gout	169.51	392.46	131.52	0.00(-0.04-0.04)

Solomon Islands	Low back pain	6176.91	13714.17	122.02	0.19(0.17-0.20)
Solomon Islands	Neck pain	1596.74	3628.30	127.23	0.01(0.01-0.01)
Somalia	Musculoskeletal disorders	168480.76	421681.66	150.28	0.24(0.18-0.31)
Somalia	Rheumatoid arthritis	623.56	1397.97	124.19	-0.25(-0.26--0.23)
Somalia	Osteoarthritis	4725.73	10755.81	127.60	0.10(0.08-0.12)
Somalia	Gout	2828.74	6781.13	139.72	0.06(0.03-0.08)
Somalia	Low back pain	133355.20	340372.85	155.24	0.31(0.23-0.38)
Somalia	Neck pain	26947.54	62373.90	131.46	0.00(0.00-0.00)
South Africa	Musculoskeletal disorders	1105027.70	1898356.83	71.79	-0.12(-0.21--0.03)
South Africa	Rheumatoid arthritis	5014.53	7620.46	51.97	-0.45(-0.57--0.33)
South Africa	Osteoarthritis	38718.01	87348.94	125.60	0.34(0.31-0.36)
South Africa	Gout	23853.13	50658.39	112.38	0.20(0.15-0.26)
South Africa	Low back pain	831958.81	1362778.56	63.80	-0.20(-0.32--0.08)
South Africa	Neck pain	205483.22	389950.48	89.77	0.00(0.00-0.00)
South Korea	Musculoskeletal disorders	2429199.65	3906244.14	60.80	-0.06(-0.08--0.04)
South Korea	Rheumatoid arthritis	4459.70	7930.75	77.83	-0.03(-0.08-0.02)
South Korea	Osteoarthritis	77389.36	181213.35	134.16	0.15(0.10-0.19)
South Korea	Gout	38460.00	92404.60	140.26	0.33(0.29-0.36)
South Korea	Low back pain	2018754.78	3112300.84	54.17	-0.08(-0.11--0.06)
South Korea	Neck pain	290135.80	512394.60	76.61	-0.05(-0.06--0.03)
South Sudan	Musculoskeletal disorders	145991.98	254710.14	74.47	0.22(0.18-0.25)
South Sudan	Rheumatoid arthritis	579.93	903.41	55.78	-0.28(-0.29--0.27)
South Sudan	Osteoarthritis	4019.23	7337.07	82.55	0.22(0.21-0.23)
South Sudan	Gout	2700.61	4455.92	65.00	0.13(0.11-0.14)
South Sudan	Low back pain	116682.77	204728.08	75.46	0.26(0.22-0.31)

South Sudan	Neck pain	22009.45	37285.65	69.41	0.01(0.01-0.01)
Spain	Musculoskeletal disorders	2593634.88	3430322.40	32.26	0.00(-0.04-0.04)
Spain	Rheumatoid arthritis	7365.98	10067.49	36.68	-0.07(-0.12--0.02)
Spain	Osteoarthritis	89697.68	146469.02	63.29	0.45(0.40-0.49)
Spain	Gout	51454.12	79665.05	54.83	0.12(0.07-0.18)
Spain	Low back pain	2061680.73	2660500.64	29.05	-0.02(-0.07-0.03)
Spain	Neck pain	383436.39	533620.20	39.17	0.01(0.01-0.02)
Sri Lanka	Musculoskeletal disorders	559044.48	934889.16	67.23	0.08(0.06-0.10)
Sri Lanka	Rheumatoid arthritis	754.23	1440.84	91.04	0.56(0.48-0.63)
Sri Lanka	Osteoarthritis	20266.96	42592.92	110.16	0.40(0.39-0.42)
Sri Lanka	Gout	10813.84	21804.16	101.63	0.04(0.02-0.06)
Sri Lanka	Low back pain	427079.17	703377.06	64.69	0.08(0.06-0.10)
Sri Lanka	Neck pain	100130.27	165674.19	65.46	0.01(0.01-0.01)
Sudan	Musculoskeletal disorders	756211.58	1581264.73	109.10	0.04(0.02-0.05)
Sudan	Rheumatoid arthritis	1641.79	4160.79	153.43	0.78(0.69-0.87)
Sudan	Osteoarthritis	20340.53	48313.62	137.52	0.51(0.47-0.54)
Sudan	Gout	9063.98	19698.40	117.33	0.32(0.30-0.34)
Sudan	Low back pain	597354.20	1238716.53	107.37	0.01(-0.01-0.04)
Sudan	Neck pain	127811.08	270375.40	111.54	0.00(-0.01-0.00)
Suriname	Musculoskeletal disorders	10596.95	19760.07	86.47	0.09(0.08-0.09)
Suriname	Rheumatoid arthritis	52.64	114.19	116.93	0.61(0.53-0.69)
Suriname	Osteoarthritis	396.43	991.56	150.12	0.53(0.49-0.57)
Suriname	Gout	166.96	397.44	138.05	0.54(0.51-0.56)
Suriname	Low back pain	8034.19	14467.72	80.08	0.07(0.06-0.07)
Suriname	Neck pain	1946.73	3789.15	94.64	0.00(0.00-0.00)

Swaziland	Musculoskeletal disorders	18291.42	30790.46	68.33	-0.09(-0.10--0.08)
Swaziland	Rheumatoid arthritis	74.55	128.44	72.29	0.02(-0.05-0.09)
Swaziland	Osteoarthritis	579.52	1143.80	97.37	0.28(0.26-0.30)
Swaziland	Gout	335.56	661.81	97.23	0.23(0.21-0.26)
Swaziland	Low back pain	14084.41	23158.08	64.42	-0.15(-0.16--0.13)
Swaziland	Neck pain	3217.37	5698.33	77.11	0.00(-0.01-0.00)
Sweden	Musculoskeletal disorders	632109.44	737384.12	16.65	-0.11(-0.12--0.09)
Sweden	Rheumatoid arthritis	3078.49	3135.13	1.84	-0.82(-1.06--0.59)
Sweden	Osteoarthritis	20332.13	28334.38	39.36	0.30(0.27-0.32)
Sweden	Gout	12125.30	15703.52	29.51	0.10(0.05-0.14)
Sweden	Low back pain	516820.26	588543.42	13.88	-0.20(-0.22--0.17)
Sweden	Neck pain	79753.27	101667.67	27.48	0.38(0.29-0.46)
Switzerland	Musculoskeletal disorders	567820.05	786232.56	38.47	0.17(0.15-0.19)
Switzerland	Rheumatoid arthritis	1754.10	2314.80	31.97	-0.10(-0.12--0.08)
Switzerland	Osteoarthritis	16546.14	25785.22	55.84	0.23(0.22-0.24)
Switzerland	Gout	9038.53	13723.20	51.83	0.16(0.14-0.19)
Switzerland	Low back pain	462297.05	640681.17	38.59	0.19(0.17-0.22)
Switzerland	Neck pain	78184.24	103728.17	32.67	0.00(0.00-0.00)
Syria	Musculoskeletal disorders	438125.33	855904.66	95.36	0.02(0.01-0.04)
Syria	Rheumatoid arthritis	1097.33	2574.65	134.63	0.71(0.65-0.77)
Syria	Osteoarthritis	13361.78	37059.71	177.36	0.43(0.42-0.44)
Syria	Gout	5615.67	13597.09	142.13	0.15(0.13-0.17)
Syria	Low back pain	343325.82	649090.20	89.06	0.00(-0.02-0.02)
Syria	Neck pain	74724.73	153583.02	105.53	0.00(0.00-0.00)
Taiwan	Musculoskeletal disorders	706600.41	1088601.07	54.06	-0.07(-0.09--0.05)

Taiwan	Rheumatoid arthritis	1908.42	3291.16	72.45	-0.10(-0.20-0.01)
Taiwan	Osteoarthritis	18280.36	36024.46	97.07	0.29(0.16-0.42)
Taiwan	Gout	15983.54	33910.42	112.16	0.27(0.26-0.29)
Taiwan	Low back pain	519929.38	789166.52	51.78	-0.07(-0.09--0.06)
Taiwan	Neck pain	150498.70	226208.51	50.31	-0.16(-0.25--0.08)
Tajikistan	Musculoskeletal disorders	174238.47	341594.54	96.05	-0.09(-0.10--0.08)
Tajikistan	Rheumatoid arthritis	412.90	856.18	107.35	0.13(-0.02-0.29)
Tajikistan	Osteoarthritis	3582.89	8120.94	126.66	0.25(0.21-0.30)
Tajikistan	Gout	2485.63	5226.88	110.28	0.30(0.28-0.31)
Tajikistan	Low back pain	142299.61	274176.61	92.68	-0.12(-0.14--0.11)
Tajikistan	Neck pain	25457.44	53213.94	109.03	0.00(0.00-0.00)
Tanzania	Musculoskeletal disorders	627223.47	1370987.67	118.58	0.02(0.00-0.04)
Tanzania	Rheumatoid arthritis	2295.64	4920.57	114.34	-0.12(-0.15--0.09)
Tanzania	Osteoarthritis	16733.73	40520.62	142.15	0.27(0.26-0.28)
Tanzania	Gout	10734.45	24863.88	131.63	0.16(0.15-0.17)
Tanzania	Low back pain	502660.20	1085379.24	115.93	0.01(-0.02-0.04)
Tanzania	Neck pain	94799.44	215303.37	127.11	0.00(0.00-0.00)
Thailand	Musculoskeletal disorders	1984475.58	3562916.06	79.54	0.01(-0.01-0.02)
Thailand	Rheumatoid arthritis	3277.61	5929.21	80.90	-0.27(-0.30--0.23)
Thailand	Osteoarthritis	67133.63	180597.67	169.01	0.64(0.62-0.65)
Thailand	Gout	36033.39	90997.05	152.54	0.31(0.30-0.32)
Thailand	Low back pain	1539443.95	2656800.21	72.58	-0.03(-0.06--0.01)
Thailand	Neck pain	338587.00	628591.92	85.65	0.00(0.00-0.00)
Timor-Leste	Musculoskeletal disorders	20835.51	39174.22	88.02	0.02(0.01-0.04)
Timor-Leste	Rheumatoid arthritis	27.24	57.28	110.31	0.40(0.36-0.44)

Timor-Leste	Osteoarthritis	619.71	1294.60	108.90	0.17(0.15-0.19)
Timor-Leste	Gout	321.71	730.31	127.01	0.02(0.01-0.03)
Timor-Leste	Low back pain	16317.01	30539.32	87.16	0.02(0.00-0.04)
Timor-Leste	Neck pain	3549.84	6552.70	84.59	0.00(0.00-0.00)
Togo	Musculoskeletal disorders	93651.13	251786.48	168.86	0.32(0.26-0.37)
Togo	Rheumatoid arthritis	165.87	446.07	168.93	0.30(0.26-0.34)
Togo	Osteoarthritis	1915.37	6083.97	217.64	0.47(0.45-0.48)
Togo	Gout	1271.46	3685.98	189.90	0.17(0.16-0.19)
Togo	Low back pain	74030.61	199275.24	169.18	0.39(0.32-0.46)
Togo	Neck pain	16267.82	42295.23	159.99	0.00(0.00-0.00)
Tonga	Musculoskeletal disorders	2888.80	3687.31	27.64	0.07(0.06-0.07)
Tonga	Rheumatoid arthritis	6.46	9.02	39.61	0.42(0.38-0.46)
Tonga	Osteoarthritis	127.25	195.52	53.65	0.35(0.29-0.42)
Tonga	Gout	67.85	96.48	42.19	0.12(0.07-0.17)
Tonga	Low back pain	2162.04	2702.93	25.02	0.06(0.06-0.07)
Tonga	Neck pain	525.21	683.36	30.11	-0.01(-0.01--0.01)
Trinidad and Tobago	Musculoskeletal disorders	34927.55	54628.82	56.41	0.07(0.06-0.08)
Trinidad and Tobago	Rheumatoid arthritis	237.91	384.76	61.73	0.09(0.04-0.15)
Trinidad and Tobago	Osteoarthritis	1387.65	3014.39	117.23	0.48(0.44-0.53)
Trinidad and Tobago	Gout	581.19	1207.92	107.84	0.54(0.50-0.57)
Trinidad and Tobago	Low back pain	26327.59	39516.95	50.10	0.05(0.05-0.06)
Trinidad and Tobago	Neck pain	6393.21	10504.80	64.31	0.00(0.00-0.00)
Tunisia	Musculoskeletal disorders	336180.34	625736.79	86.13	-0.02(-0.03--0.02)
Tunisia	Rheumatoid arthritis	841.77	1872.97	122.50	0.67(0.64-0.70)
Tunisia	Osteoarthritis	11052.46	27702.17	150.64	0.31(0.30-0.33)

Tunisia	Gout	4839.04	11119.29	129.78	0.05(0.04-0.07)
Tunisia	Low back pain	257129.00	461532.46	79.49	-0.05(-0.06--0.05)
Tunisia	Neck pain	62318.08	123509.90	98.19	0.01(0.01-0.01)
Turkey	Musculoskeletal disorders	2555819.81	4740382.72	85.47	0.03(-0.02-0.07)
Turkey	Rheumatoid arthritis	7325.81	12288.84	67.75	-0.56(-0.65--0.47)
Turkey	Osteoarthritis	85405.83	209742.69	145.58	0.41(0.38-0.43)
Turkey	Gout	36713.34	85917.75	134.02	0.11(0.10-0.13)
Turkey	Low back pain	1982891.09	3569388.03	80.01	0.01(-0.05-0.07)
Turkey	Neck pain	443483.75	863045.41	94.61	0.00(0.00-0.00)
Turkmenistan	Musculoskeletal disorders	125662.12	220057.61	75.12	-0.05(-0.06--0.05)
Turkmenistan	Rheumatoid arthritis	268.41	570.96	112.72	0.76(0.62-0.89)
Turkmenistan	Osteoarthritis	2682.60	6364.27	137.24	0.48(0.47-0.49)
Turkmenistan	Gout	1751.31	3859.37	120.37	0.46(0.46-0.47)
Turkmenistan	Low back pain	102517.18	174731.88	70.44	-0.09(-0.10--0.09)
Turkmenistan	Neck pain	18442.62	34531.13	87.24	-0.01(-0.01--0.01)
Uganda	Musculoskeletal disorders	402911.73	946296.64	134.86	0.13(0.10-0.15)
Uganda	Rheumatoid arthritis	1325.97	2947.51	122.29	0.01(-0.02-0.04)
Uganda	Osteoarthritis	9542.77	22322.92	133.92	0.26(0.25-0.26)
Uganda	Gout	6383.64	13694.19	114.52	-0.06(-0.07--0.05)
Uganda	Low back pain	326541.88	772526.67	136.58	0.15(0.12-0.18)
Uganda	Neck pain	59117.48	134805.34	128.03	0.01(0.00-0.01)
UK	Musculoskeletal disorders	4206489.67	5489178.30	30.49	0.17(0.09-0.25)
UK	Rheumatoid arthritis	14974.27	23537.20	57.18	1.10(1.02-1.18)
UK	Osteoarthritis	154734.24	216390.83	39.85	0.34(0.29-0.38)
UK	Gout	82627.47	114735.97	38.86	0.47(0.39-0.56)

UK	Low back pain	3321655.53	4292105.74	29.22	0.20(0.12-0.28)
UK	Neck pain	632498.16	842408.57	33.19	-0.07(-0.22-0.09)
Ukraine	Musculoskeletal disorders	3840771.79	3674823.93	-4.32	-0.03(-0.04--0.02)
Ukraine	Rheumatoid arthritis	6333.05	7014.74	10.76	0.65(0.46-0.84)
Ukraine	Osteoarthritis	113189.25	117948.75	4.20	0.19(0.15-0.23)
Ukraine	Gout	56164.50	59080.31	5.19	0.11(0.10-0.13)
Ukraine	Low back pain	3171261.81	3009984.77	-5.09	-0.04(-0.05--0.03)
Ukraine	Neck pain	493823.18	480795.35	-2.64	0.00(0.00-0.00)
United Arab Emirates	Musculoskeletal disorders	77831.23	575318.19	639.19	-0.04(-0.05--0.03)
United Arab Emirates	Rheumatoid arthritis	163.85	1370.47	736.40	0.39(0.33-0.46)
United Arab Emirates	Osteoarthritis	2290.20	25428.71	1010.33	0.41(0.37-0.46)
United Arab Emirates	Gout	1046.70	9925.65	848.28	0.32(0.28-0.36)
United Arab Emirates	Low back pain	59879.13	423405.49	607.10	-0.07(-0.08--0.06)
United Arab Emirates	Neck pain	14451.34	115187.88	697.07	-0.04(-0.04--0.03)
Uruguay	Musculoskeletal disorders	174974.22	217620.78	24.37	0.18(0.17-0.20)
Uruguay	Rheumatoid arthritis	561.84	701.94	24.93	0.23(0.15-0.31)
Uruguay	Osteoarthritis	7532.01	10551.37	40.09	0.53(0.51-0.56)
Uruguay	Gout	4206.63	5743.45	36.53	0.40(0.35-0.44)
Uruguay	Low back pain	137143.74	169698.48	23.74	0.19(0.17-0.21)
Uruguay	Neck pain	25530.00	30925.54	21.13	0.00(0.00-0.00)
USA	Musculoskeletal disorders	16202020.26	23105429.61	42.61	-0.05(-0.07--0.03)
USA	Rheumatoid arthritis	53166.64	97951.89	84.24	0.82(0.74-0.89)
USA	Osteoarthritis	703984.76	1493493.63	112.15	0.82(0.72-0.93)
USA	Gout	345228.60	689626.68	99.76	0.98(0.85-1.10)
USA	Low back pain	12461537.52	16934266.45	35.89	-0.13(-0.16--0.10)

USA	Neck pain	2638102.73	3890090.95	47.46	-0.12(-0.20--0.03)
Uzbekistan	Musculoskeletal disorders	717936.70	1378370.91	91.99	-0.06(-0.06--0.05)
Uzbekistan	Rheumatoid arthritis	2147.33	3916.57	82.39	-0.16(-0.24--0.08)
Uzbekistan	Osteoarthritis	15572.24	37828.73	142.92	0.35(0.30-0.39)
Uzbekistan	Gout	10229.02	22337.19	118.37	0.29(0.28-0.29)
Uzbekistan	Low back pain	585112.24	1099167.32	87.86	-0.09(-0.10--0.08)
Uzbekistan	Neck pain	104875.87	215121.10	105.12	0.00(0.00-0.00)
Vanuatu	Musculoskeletal disorders	4139.05	9104.52	119.97	0.11(0.09-0.12)
Vanuatu	Rheumatoid arthritis	7.97	19.12	139.96	0.43(0.42-0.44)
Vanuatu	Osteoarthritis	129.53	337.22	160.33	0.38(0.37-0.40)
Vanuatu	Gout	77.15	188.30	144.07	0.07(0.06-0.08)
Vanuatu	Low back pain	3161.62	6881.86	117.67	0.12(0.10-0.14)
Vanuatu	Neck pain	762.79	1678.02	119.99	0.01(0.01-0.01)
Venezuela	Musculoskeletal disorders	459531.51	949650.52	106.66	-0.05(-0.08--0.02)
Venezuela	Rheumatoid arthritis	2386.64	5589.16	134.19	0.17(0.13-0.21)
Venezuela	Osteoarthritis	15303.55	45670.20	198.43	0.44(0.41-0.48)
Venezuela	Gout	5553.07	15874.33	185.87	0.63(0.60-0.65)
Venezuela	Low back pain	349930.85	686907.75	96.30	-0.11(-0.15--0.08)
Venezuela	Neck pain	86357.40	195609.08	126.51	0.00(0.00-0.00)
Vietnam	Musculoskeletal disorders	2057580.96	4161944.83	102.27	0.15(0.12-0.18)
Vietnam	Rheumatoid arthritis	3024.29	6347.18	109.87	0.36(0.31-0.41)
Vietnam	Osteoarthritis	66372.81	176543.20	165.99	0.51(0.40-0.62)
Vietnam	Gout	33832.59	79300.95	134.39	0.20(0.19-0.22)
Vietnam	Low back pain	1612134.45	3190445.65	97.90	0.16(0.13-0.20)
Vietnam	Neck pain	342216.81	709307.84	107.27	-0.01(-0.01--0.01)

Virgin Islands, U.S.	Musculoskeletal disorders	3369.75	4503.60	33.65	0.05(0.04-0.06)
Virgin Islands, U.S.	Rheumatoid arthritis	20.21	29.26	44.77	0.44(0.41-0.47)
Virgin Islands, U.S.	Osteoarthritis	158.28	269.06	69.99	0.24(0.22-0.26)
Virgin Islands, U.S.	Gout	57.61	105.70	83.49	0.35(0.34-0.37)
Virgin Islands, U.S.	Low back pain	2482.54	3220.77	29.74	0.04(0.02-0.05)
Virgin Islands, U.S.	Neck pain	651.11	878.82	34.97	0.00(0.00-0.00)
Yemen	Musculoskeletal disorders	438524.62	1117245.51	154.77	-0.11(-0.14--0.08)
Yemen	Rheumatoid arthritis	947.16	2761.46	191.55	0.58(0.54-0.62)
Yemen	Osteoarthritis	10610.26	30230.69	184.92	0.29(0.27-0.32)
Yemen	Gout	4713.82	13059.80	177.05	0.21(0.18-0.23)
Yemen	Low back pain	347231.99	871014.47	150.85	-0.17(-0.20--0.13)
Yemen	Neck pain	75021.38	200179.09	166.83	0.00(0.00-0.00)
Zambia	Musculoskeletal disorders	162562.59	412177.14	153.55	0.27(0.18-0.35)
Zambia	Rheumatoid arthritis	729.82	1508.19	106.65	-0.44(-0.45--0.42)
Zambia	Osteoarthritis	4524.88	10911.75	141.15	0.11(0.09-0.13)
Zambia	Gout	2944.54	6868.08	133.25	-0.04(-0.06--0.02)
Zambia	Low back pain	127033.21	327332.94	157.68	0.34(0.23-0.45)
Zambia	Neck pain	27330.15	65556.18	139.87	0.00(0.00-0.00)
Zimbabwe	Musculoskeletal disorders	247653.16	414017.75	67.18	0.17(0.14-0.20)
Zimbabwe	Rheumatoid arthritis	689.82	1178.14	70.79	0.12(0.05-0.19)
Zimbabwe	Osteoarthritis	6586.61	11715.22	77.86	0.14(0.11-0.16)
Zimbabwe	Gout	4393.66	7205.78	64.00	-0.01(-0.02-0.00)
Zimbabwe	Low back pain	193811.20	323319.82	66.82	0.21(0.18-0.25)
Zimbabwe	Neck pain	42171.88	70598.79	67.41	0.01(0.01-0.01)

Figure S1. The hierarchical cluster analysis of the temporal trends in ASR of musculoskeletal disorders at national level.

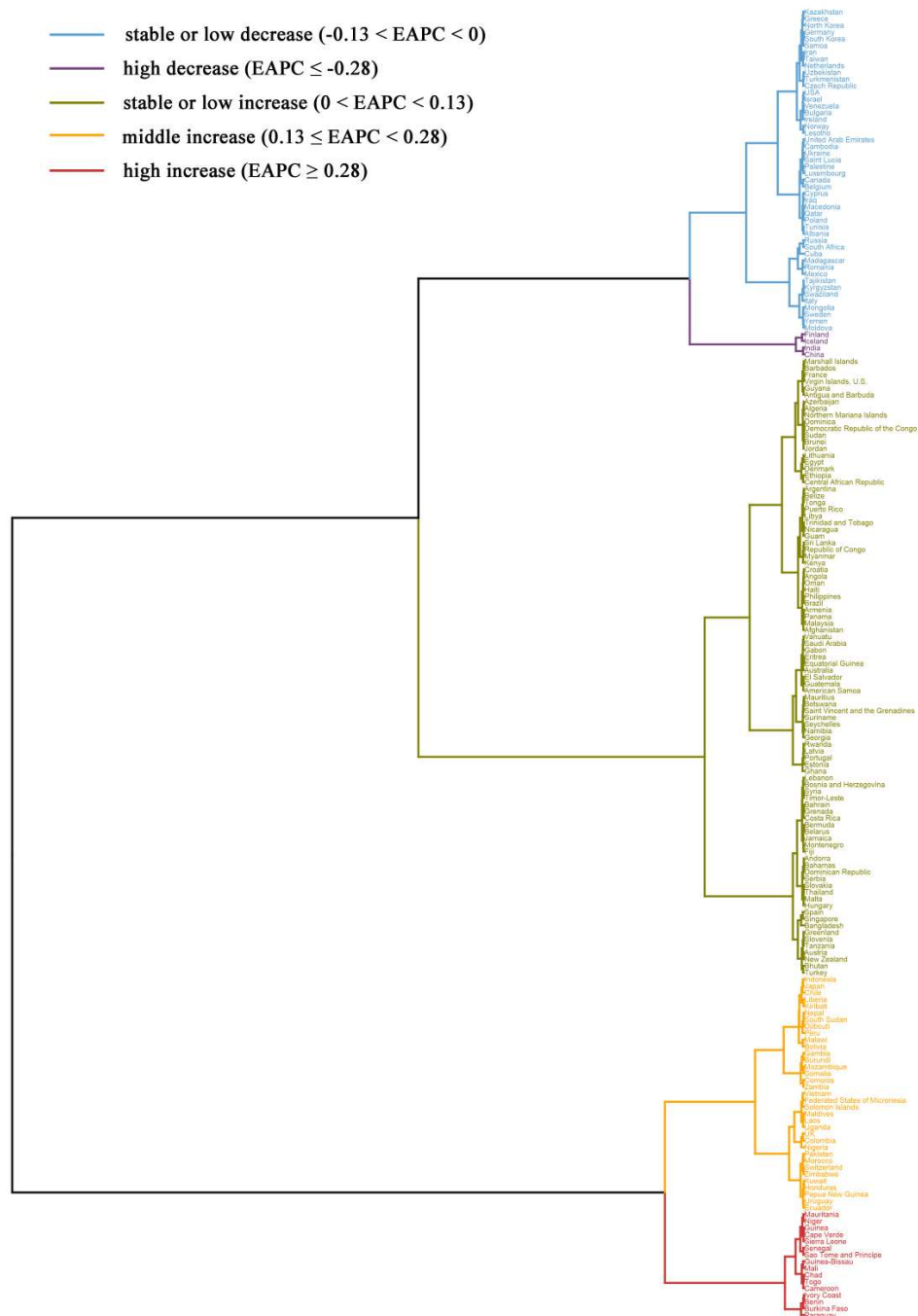


Figure S2. The age-standardized incidence rate of rheumatoid arthritis in 2017

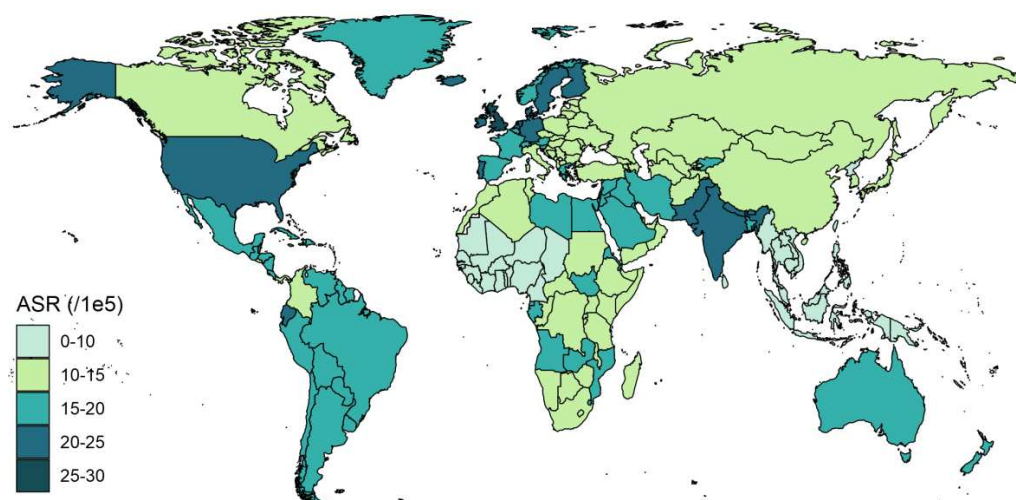


Figure S3. The percentage change in absolute number of rheumatoid arthritis between 1990 and 2017

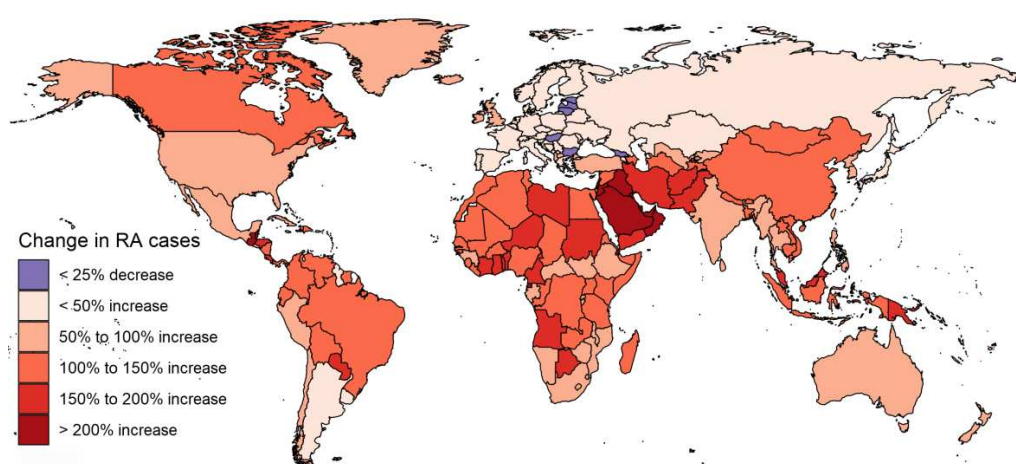


Figure S4. The estimated annual percentage change in ASR of rheumatoid arthritis from 1990 to 2017

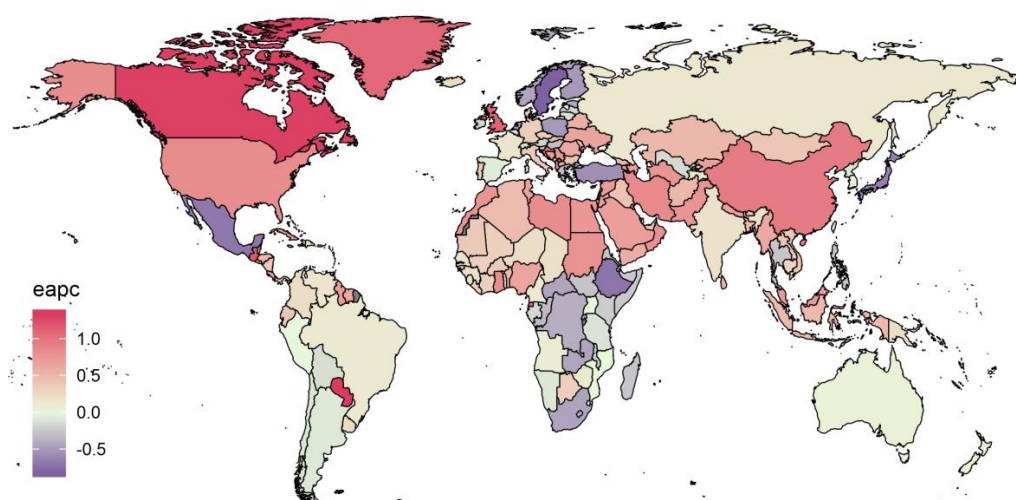


Figure S5. The age-standardized incidence rate of osteoarthritis in 2017

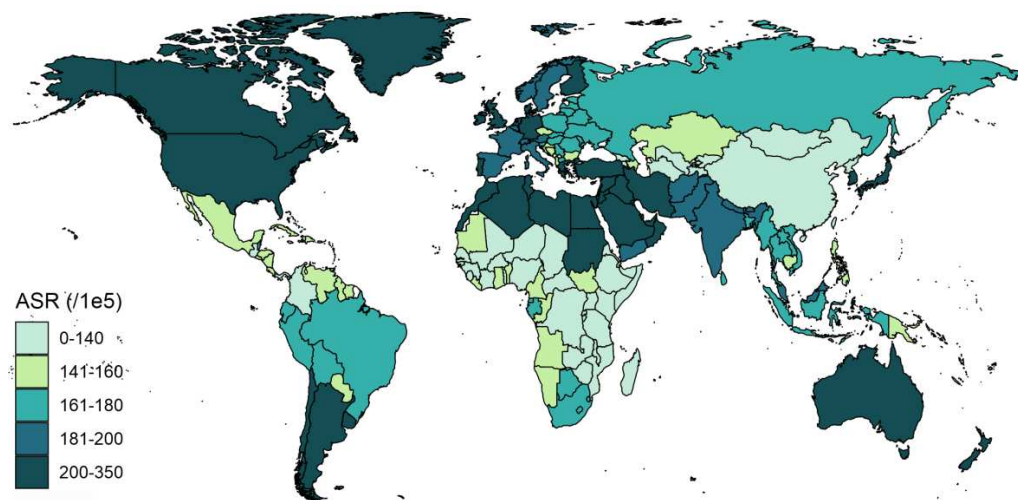


Figure S6. The percentage change in absolute number of osteoarthritis between 1990 and 2017

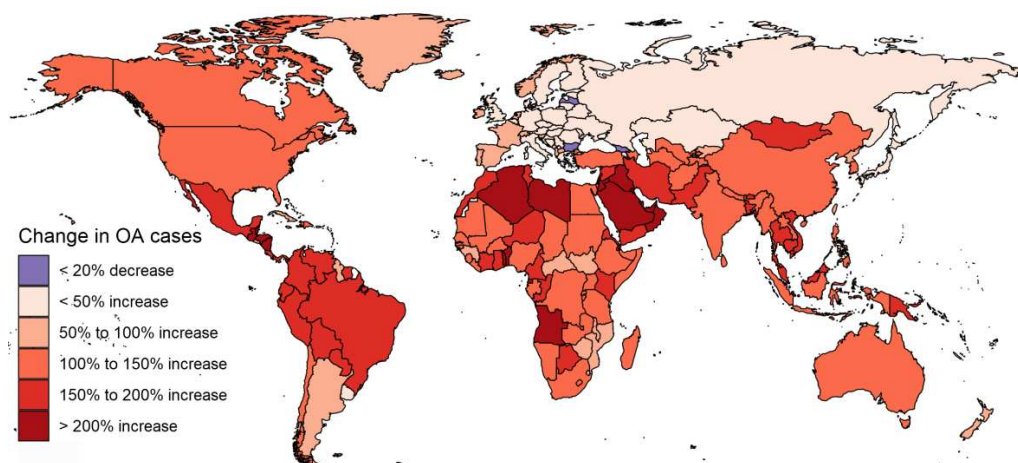


Figure S7. The estimated annual percentage change in ASR of osteoarthritis from 1990 to 2017

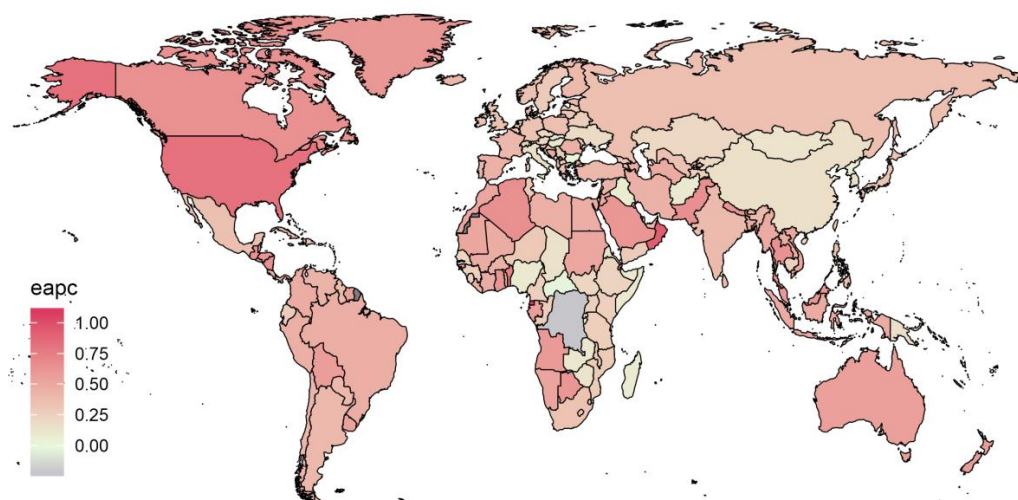


Figure S8. The age-standardized incidence rate of low back pain in 2017

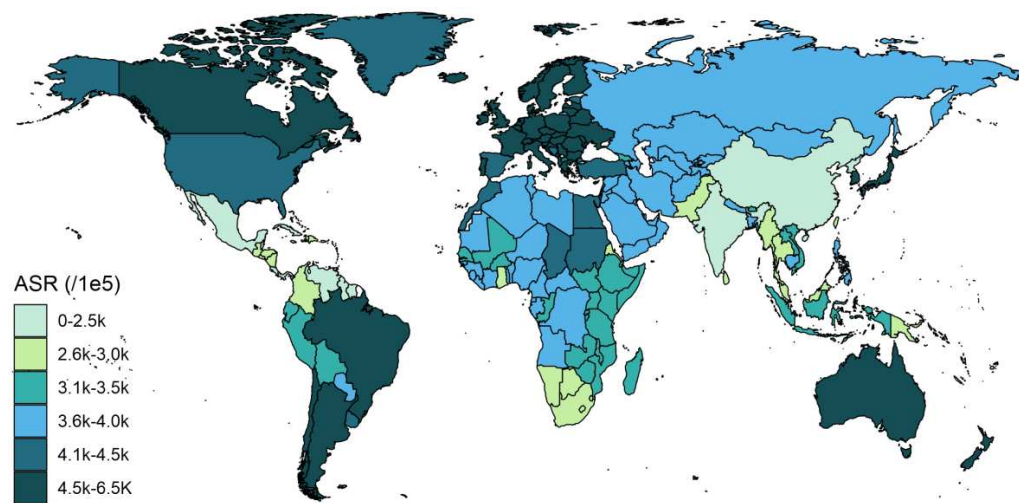


Figure S9. The percentage change in absolute number of low back pain between 1990 and 2017

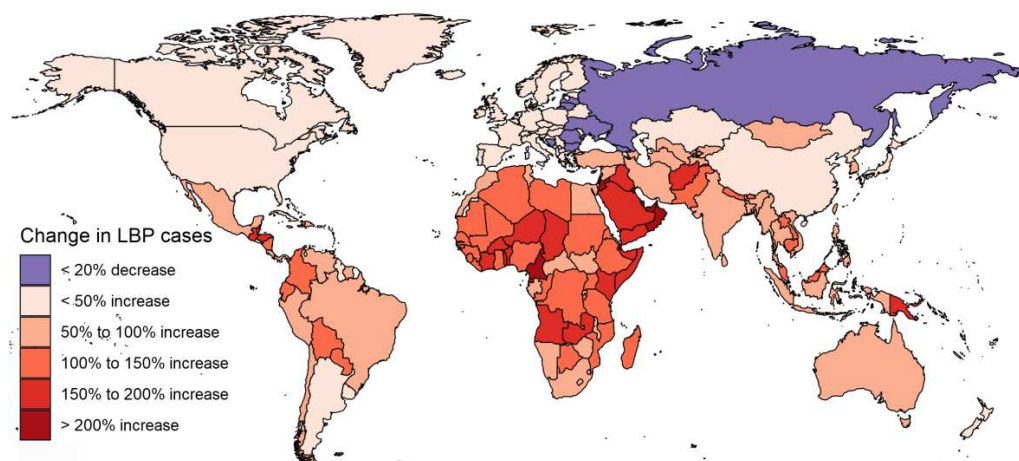


Figure S10. The estimated annual percentage change in ASR of low back pain from 1990 to 2017

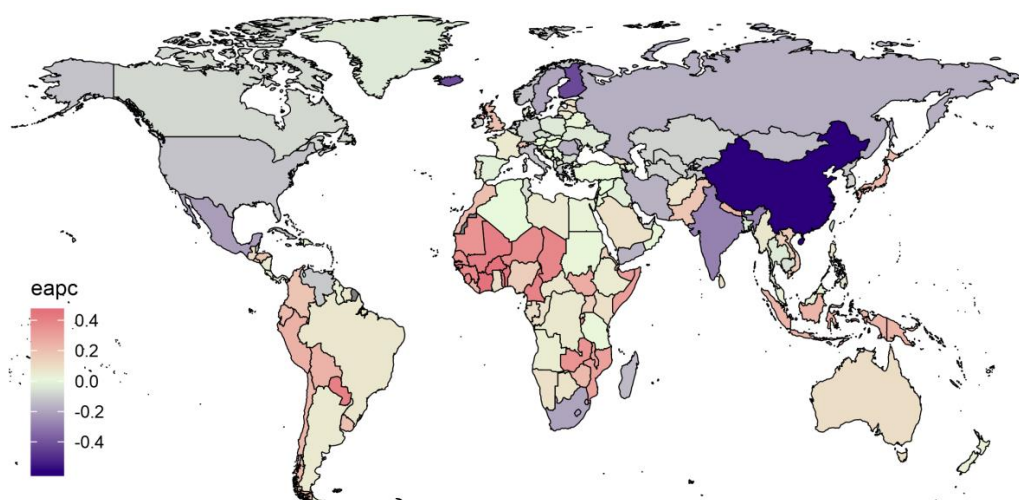


Figure S11. The age-standardized incidence rate of neck pain in 2017

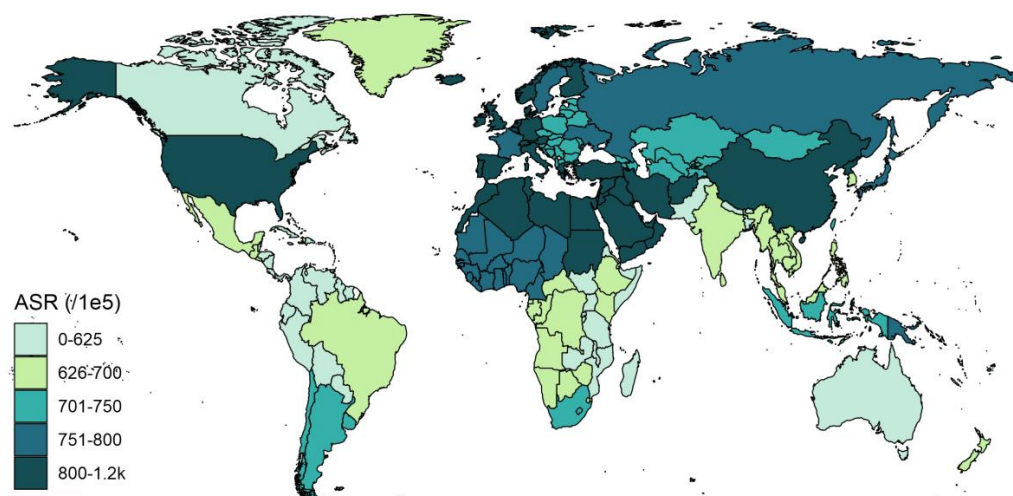


Figure S12. The percentage change in absolute number of neck pain between 1990 and 2017

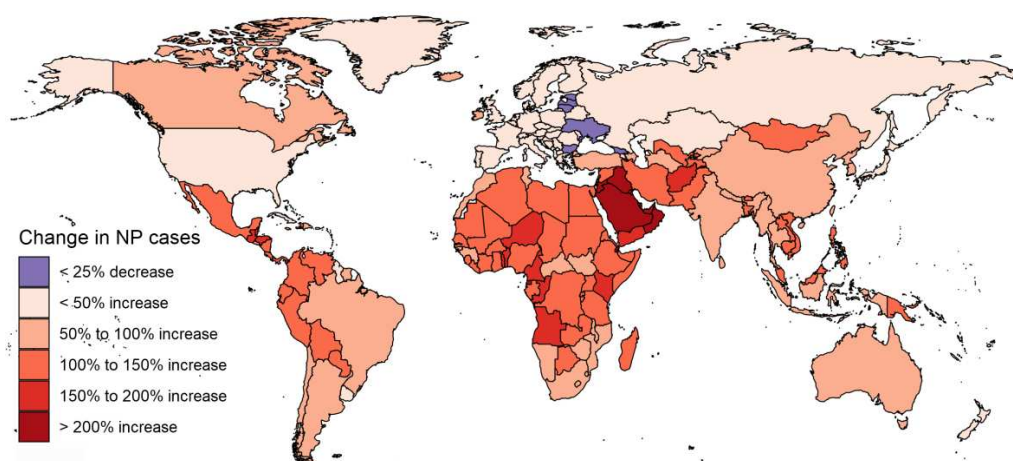


Figure S13. The estimated annual percentage change in ASR of neck pain from 1990 to 2017

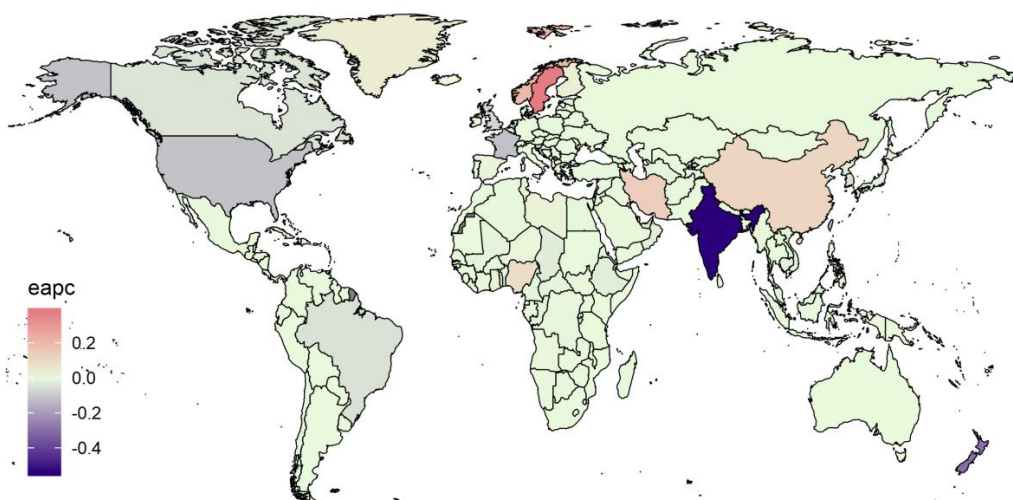


Figure S14. The age-standardized incidence rate of gout in 2017

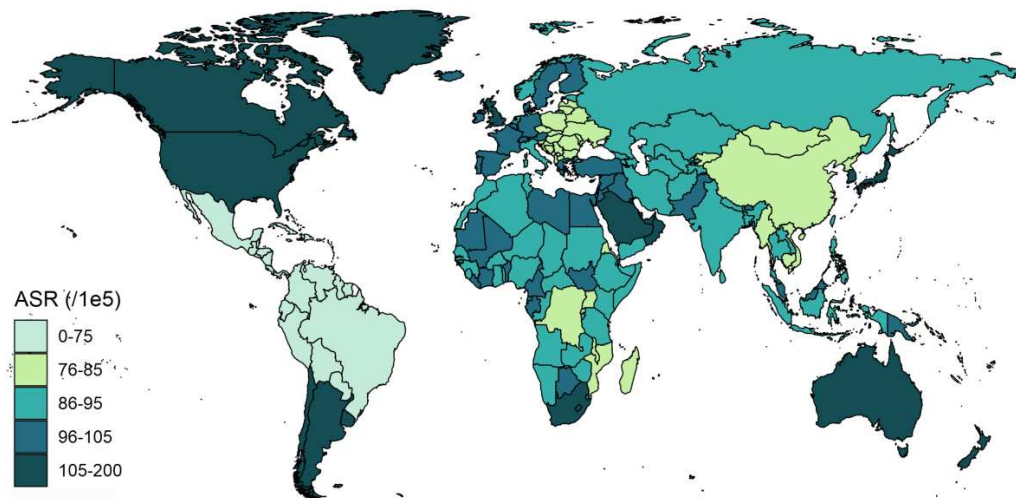


Figure S15. The percentage change in absolute number of gout between 1990 and 2017

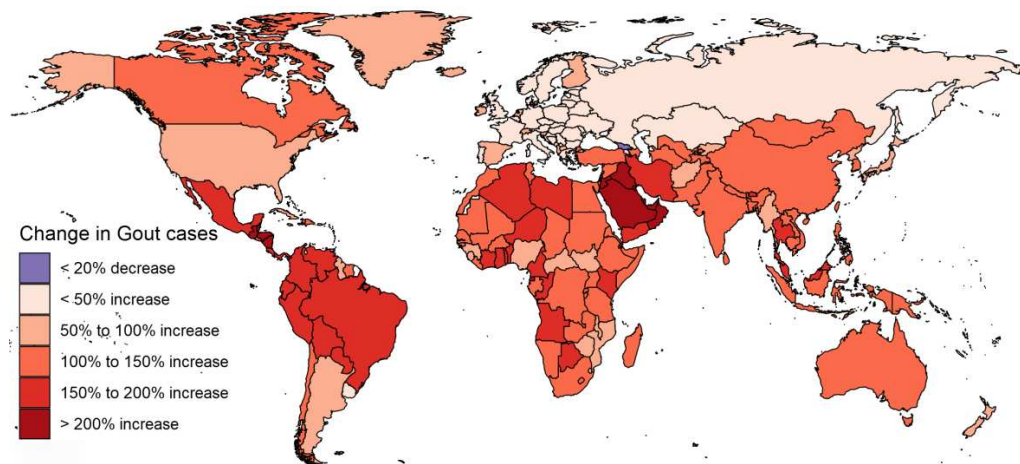


Figure S16. The estimated annual percentage change in ASR of gout from 1990 to 2017

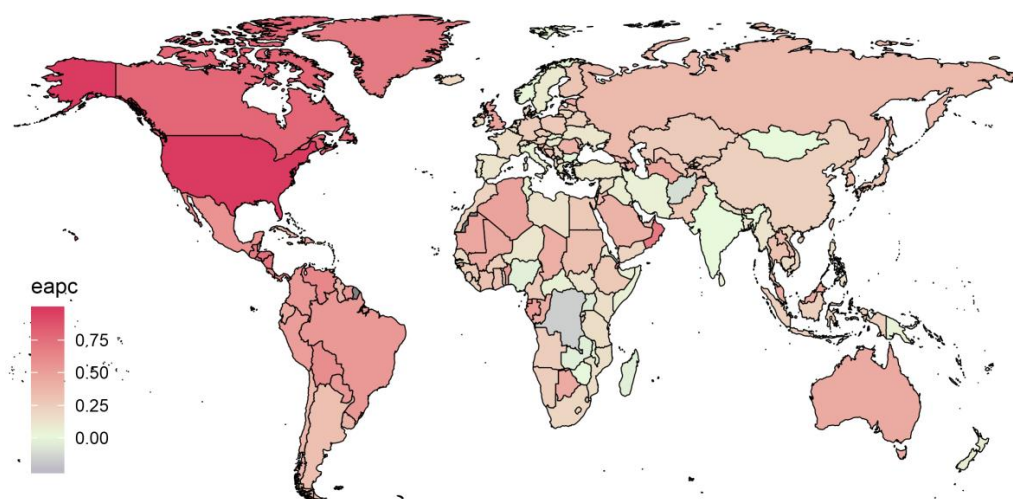


Figure S17. The estimated average percentage change in ASR of musculoskeletal disorders from 1990 to 2017, by specific cause, global and regional levels

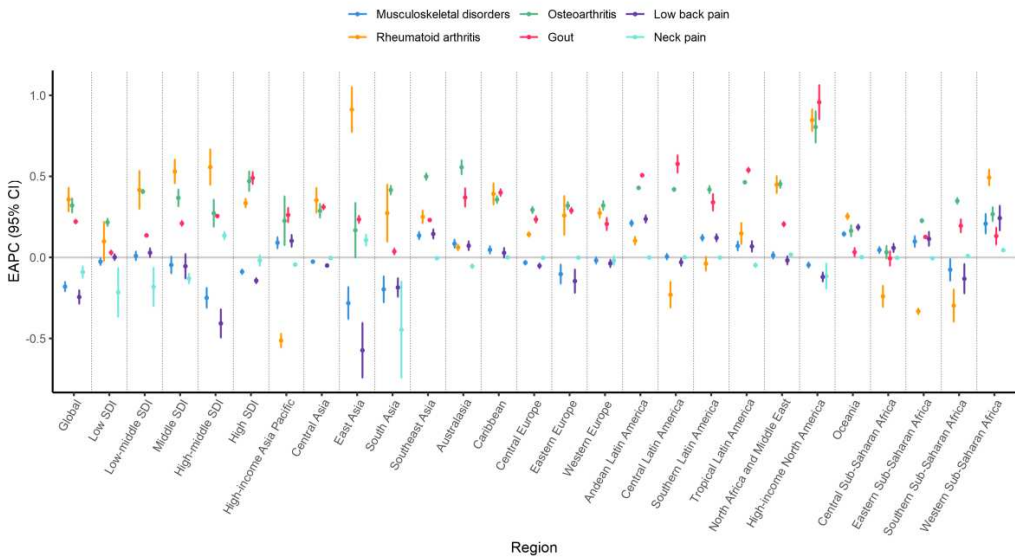


Figure S18. The correlation between EAPC and ASR in 1990 (A), and HDI in 2017 (B) for rheumatoid arthritis. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 184 countries. (Abbreviations: EAPC, the estimated average percentage change; ASR, the age-standardized rate; HDI, human development index; RA, rheumatoid arthritis).

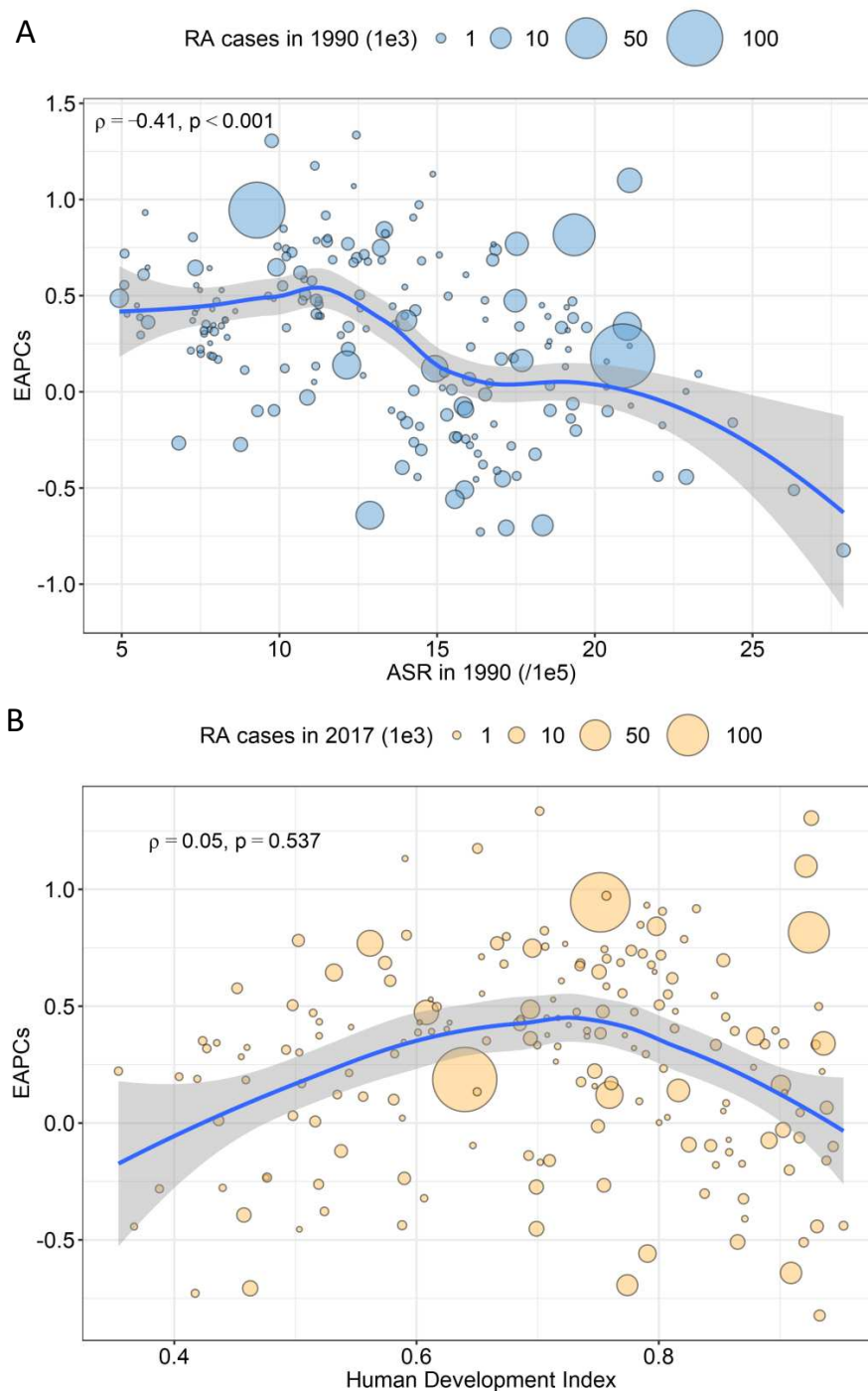


Figure S19. The correlation between EAPC and ASR in 1990 (A), and HDI in 2017 (B) for osteoarthritis. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 184 countries. (Abbreviations: EAPC, the estimated average percentage change; ASR, the age-standardized rate; HDI, human development index; OA, osteoarthritis).

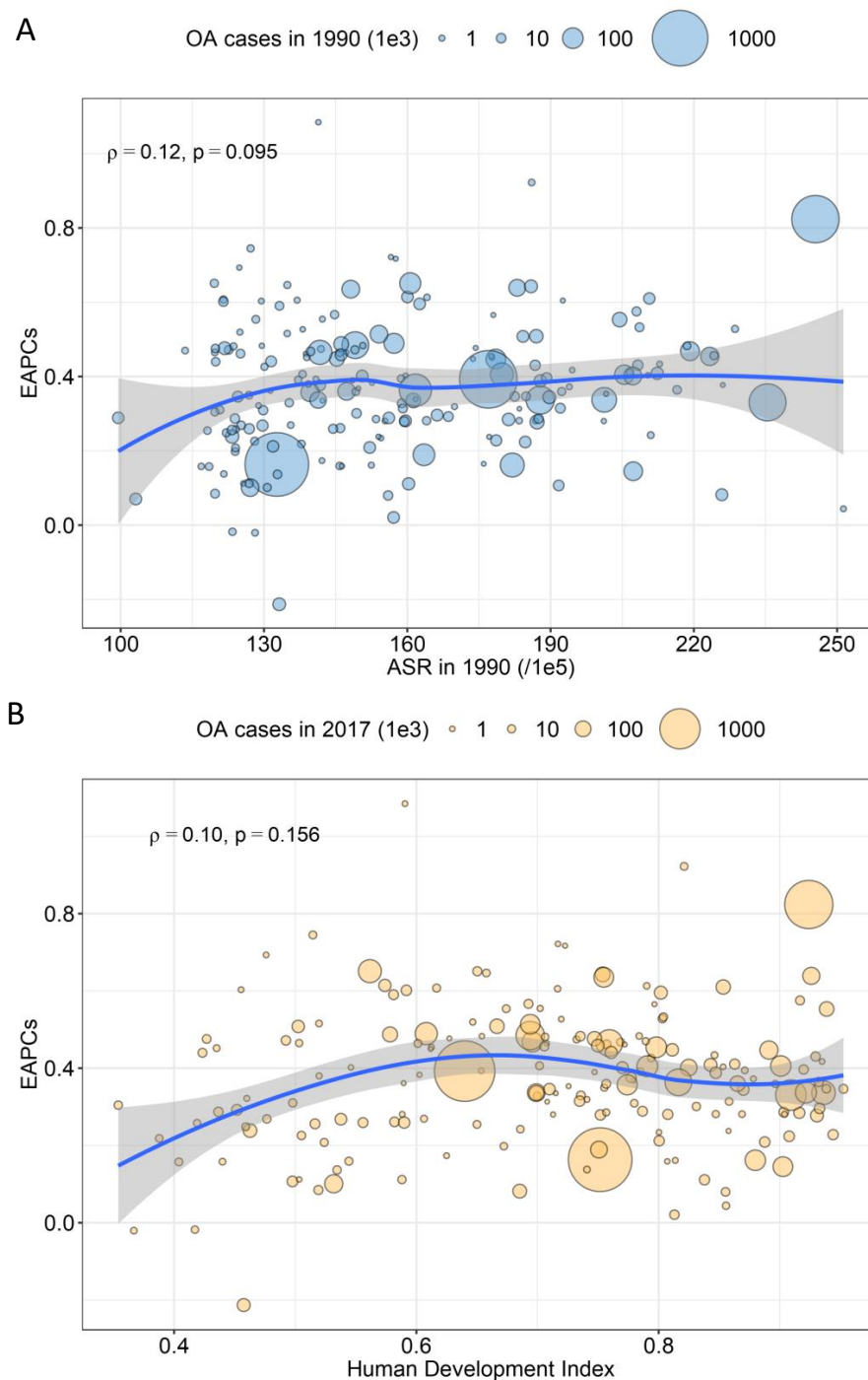


Figure S20. The correlation between EAPC and ASR in 1990 (A), and HDI in 2017 (B) for low back pain. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 184 countries. (Abbreviations: EAPC, the estimated average percentage change; ASR, the age-standardized rate; HDI, human development index; LBP, low back pain).

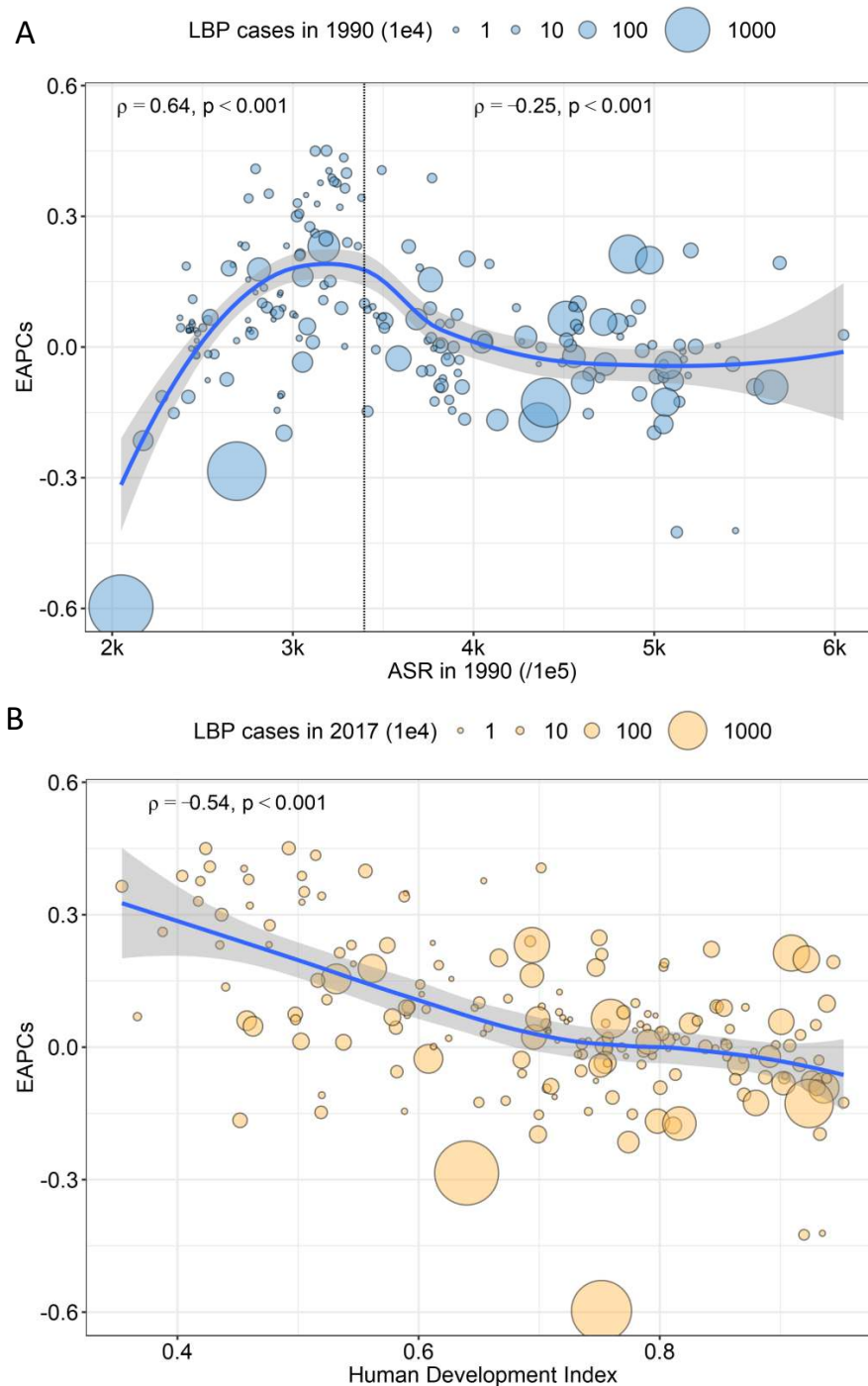


Figure S21. The correlation between EAPC and ASR in 1990 (A), and HDI in 2017 (B) for neck pain. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 184 countries. (Abbreviations: EAPC, the estimated average percentage change; ASR, the age-standardized rate; HDI, human development index; NP, neck pain).

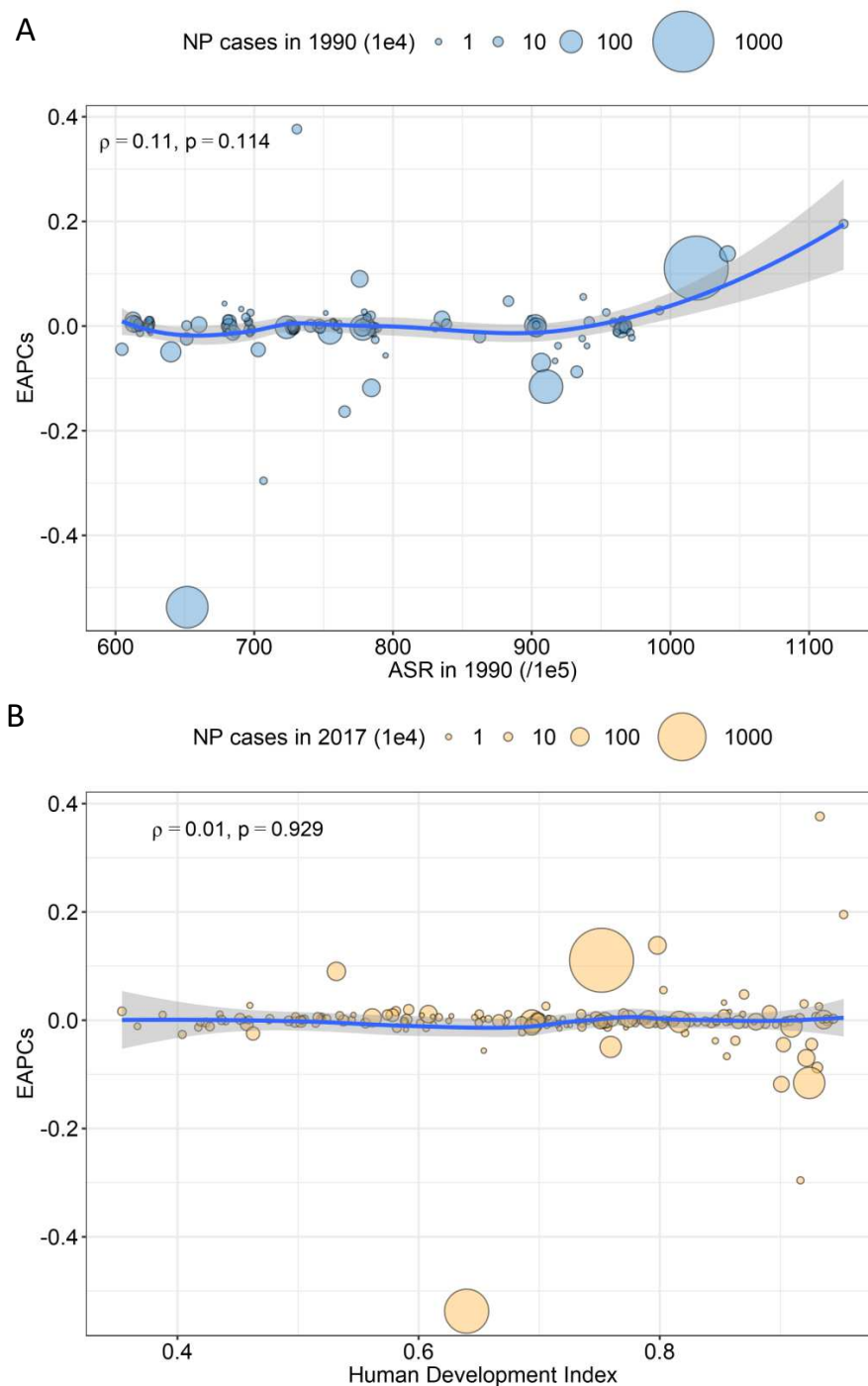


Figure S22. The correlation between EAPC and ASR in 1990 (A), and HDI in 2017 (B) for gout. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 184 countries. (Abbreviations: EAPC, the estimated average percentage change; ASR, the age-standardized rate; HDI, human development index).

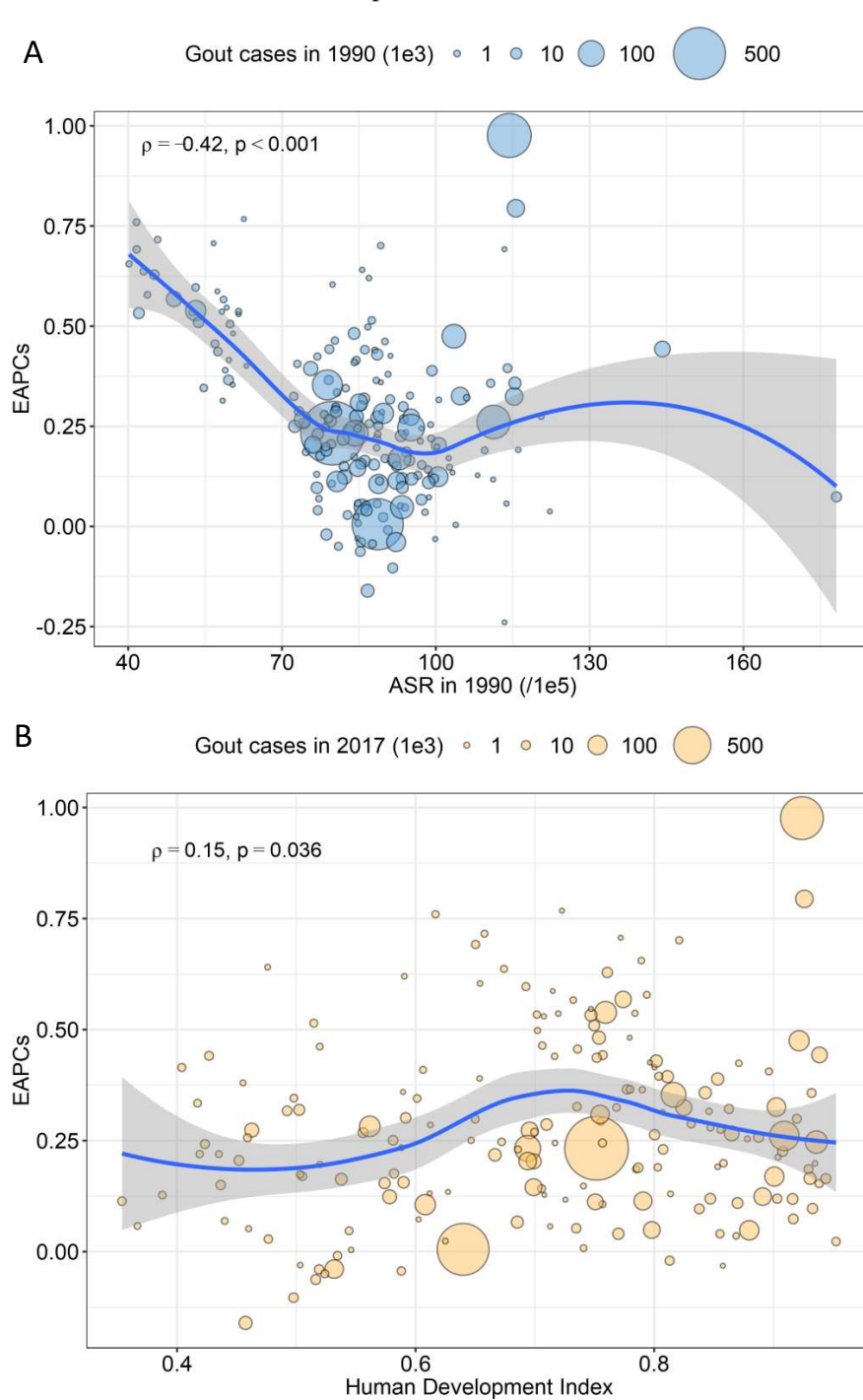


Figure S23. The correlation between ASR and HDI in 1990 (A), and in 2017 (B) for musculoskeletal disorders. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 142 countries in 1990 and 184 countries in 2017. (Abbreviations: ASR, the age-standardized rate; HDI, human development index; MSK, musculoskeletal disorders).

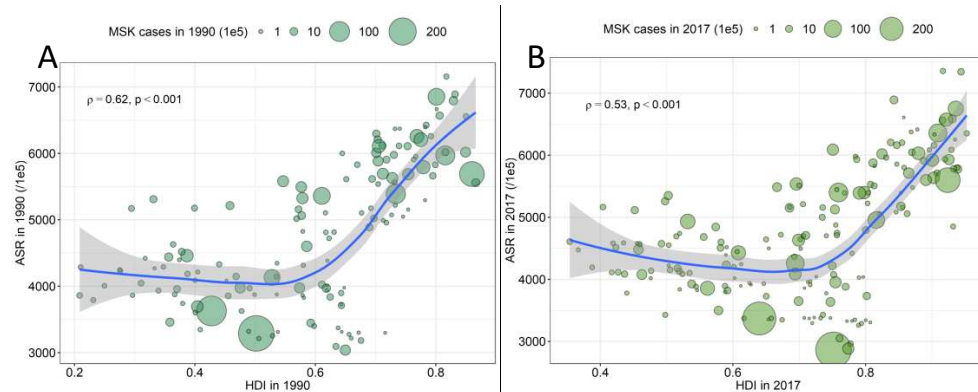


Figure S24. The correlation between ASR and HDI in 1990 (A), and in 2017 (B) for rheumatoid arthritis. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 142 countries in 1990 and 184 countries in 2017. (Abbreviations: ASR, the age-standardized rate; HDI, human development index; RA, rheumatoid arthritis).

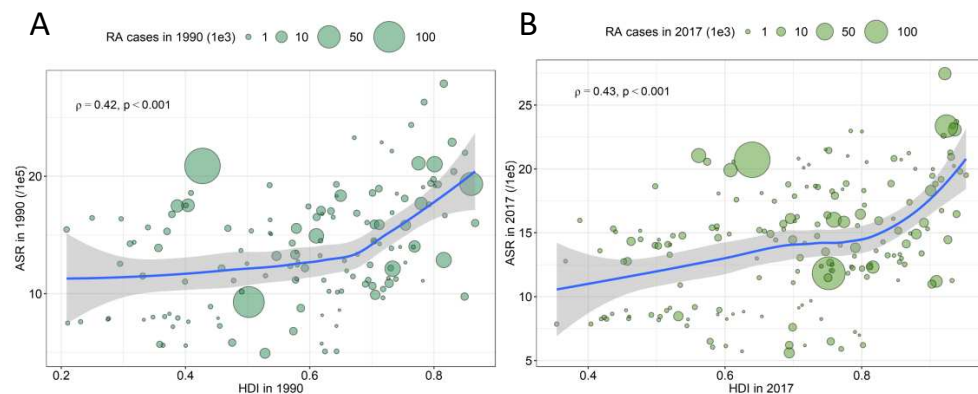


Figure S25. The correlation between ASR and HDI in 1990 (A), and in 2017 (B) for osteoarthritis. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 142 countries in 1990 and 184 countries in 2017. (Abbreviations: ASR, the age-standardized rate; HDI, human development index; OA, osteoarthritis).

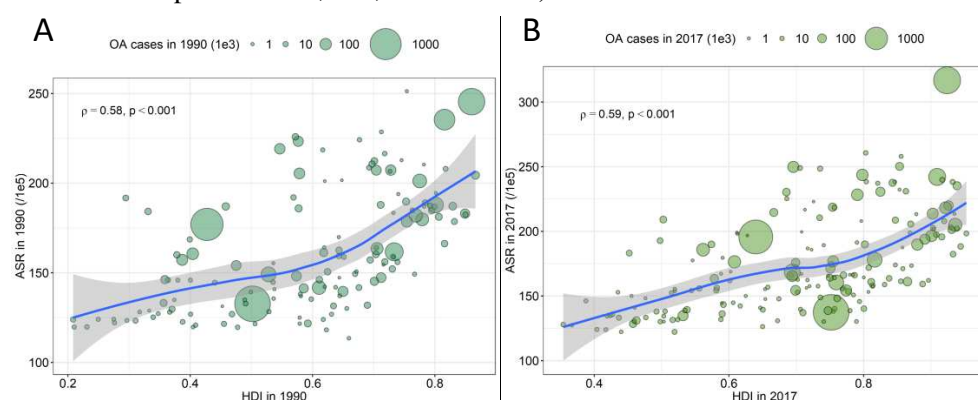


Figure S26. The correlation between ASR and HDI in 1990 (A), and in 2017 (B) for low back pain. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 142 countries in 1990 and 184 countries in 2017. (Abbreviations: ASR, the age-standardized rate; HDI, human development index; LBP, low back pain).

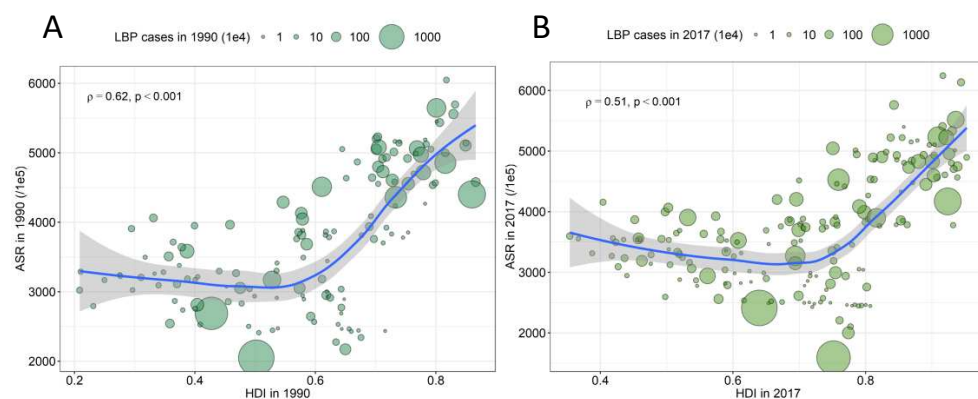


Figure S27. The correlation between ASR and HDI in 1990 (A), and in 2017 (B) for neck pain. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 142 countries in 1990 and 184 countries in 2017. (Abbreviations: ASR, the age-standardized rate; HDI, human development index; NP, neck pain).

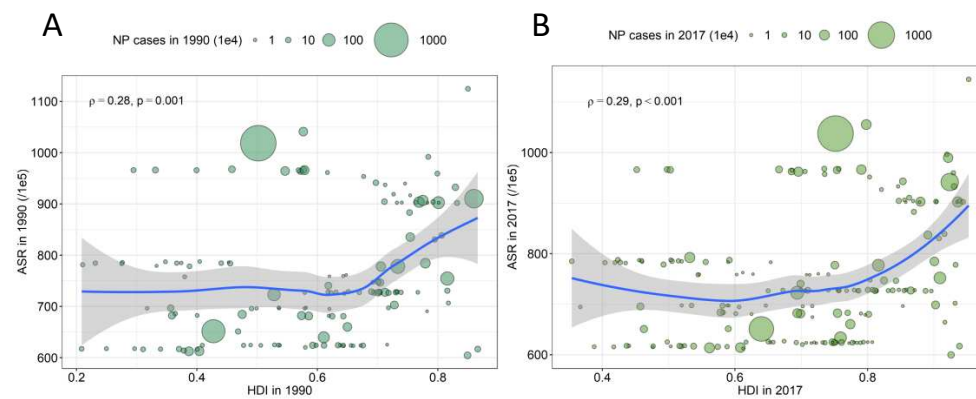


Figure S28. The correlation between ASR and HDI in 1990 (A), and in 2017 (B) for gout. The incident cases from countries was represented by the circles and its' size. The available HDI data can be matched with incident cases among 142 countries in 1990 and 184 countries in 2017. (Abbreviations: ASR, the age-standardized rate; HDI, human development index).

