

Supplementary file

Several fundamental definitions

Age-Standardised Rate (ASR):

ASR employs a uniform ‘standard population’ age distribution to weight age-specific disease rates, thereby eliminating confounding due to differing demographic structures. By rendering rates comparable across regions and over time, ASR enables accurate assessment of true epidemiological trends, independent of population aging or rejuvenation.

Age-Standardised Prevalence Rate (ASPR):

ASPR quantifies the burden of existing cases by applying standard-population weights to age-specific prevalence estimates and summing the results. This measure allows policymakers to identify and compare regions with the highest disease burden, informing the equitable allocation of healthcare resources.

Age-Standardised Incidence Rate (ASIR):

ASIR reflects the rate of new disease cases in a hypothetical population with the standard age structure. By averaging age-specific incidence rates according to standard-population proportions, ASIR reveals shifts in disease transmission or diagnostic practices, guiding the evaluation of preventive and screening interventions.

Years of Life Lost (YLLs):

YLLs capture the burden of premature mortality by summing the difference between each decedent’s age at death and their remaining life expectancy. This metric underscores the impact of mortality on overall population health.

Years Lived with Disability (YLDs):

YLDs measure nonfatal health loss by multiplying the duration of a condition by a severity-specific disability weight. This approach quantifies the extent to which living with disease diminishes quality of life.

Disability-Adjusted Life Years (DALYs):

DALYs integrate YLLs and YLDs to express the total years of healthy life lost due to both premature death and disability. As a composite indicator, DALYs provide a holistic overview of disease burden, facilitating comparisons

across diverse health conditions and populations.

Age-Standardised DALY Rate (ASDR):

ASDR applies standard population weighting to DALYs, yielding a single rate that accounts for both mortality and morbidity. By harmonising demographic differences, ASDR supports direct comparisons of overall health loss across regions and time periods, thereby informing priority setting in public health policy (1).

Methods

Data collection

We collected a comprehensive dataset of 26,704 observations from 1990 to 2021, encompassing 204 countries and territories, five SDI quintiles, and 56 GBD regions. For each geographic unit, we extracted ASPR, ASIR and ASDR, then further stratified these metrics by sex for the years 1990 and 2021 at both the global level and across all 28 GBD super-regions. In addition, we obtained age-specific prevalence, incidence, DALYs for 20 discrete age groups for males and females throughout the study period. Finally, for each age-sex category, we quantified the DALYs attributable to every identified RA risk factor.

Adjustment for confounding variables

The GBD 2021 study applied the Meta-Regression-Bayesian Regularized Trimmed (MR-BRT) meta-regression tool to correct for systematic biases introduced by heterogeneous RA diagnostic criteria, aligning all data sources and time periods to the 1987 ACR reference standard. For records based on the 2010 ACR-EULAR criteria, self-reported diagnoses, or administrative databases, MR-BRT was likewise employed to derive cross-walk adjustment factors, thereby ensuring data comparability under a single reference framework (2, 3). To mitigate model overparameterisation, we first screened an initial pool of 87 candidate predictors by univariate analyses, excluding those with weak associations to RA burden metrics or with poor data quality. We evaluated collinearity using variance inflation factors and removed highly intercorrelated covariates. We then applied LASSO

regression to further hone the predictor set, retaining only variables with the strongest explanatory power. Sensitivity analyses – exploring alternative covariate combinations – demonstrated the robustness of our final model (4). Within this hierarchy, ‘behavioural factors’ were designated as level-1 risks, ‘tobacco’ as level-2, and ‘smoking’ as level-3 exposures.

All ASRs were calculated using the IHME standard population to control for demographic confounding. Where age- or sex-specific data were missing, we employed age-sex splitting methods to impute values, thereby reducing biases related to population structure and ensuring comparability across regions and over time. At the macro-socioeconomic level, countries and territories were classified into five SDI quintiles, with SDI included as a covariate to capture regional heterogeneity in RA prevalence, incidence, and DALYs dynamically (5).

Uncertainty intervals (UIs) were derived by Monte Carlo simulation, and statistical significance was assessed with Wald and likelihood-ratio tests, and Bonferroni correction was applied to control for multiple comparisons (6). This rigorous framework balances methodological robustness with interpretability, underpinning reliable epidemiological inference. To characterise spatiotemporal trends in RA burden from 1990 to 2021, we utilised EAPC and Joinpoint regression analyses. These methods accommodate nonlinearity by modeling interactions among time, region, and risk factors. An EAPC (or AAPC) and its 95% CI entirely below 0 indicated a declining trend, entirely above 0 an increasing trend, and overlap with 0 a stable trajectory (7).

By systematically addressing diagnostic heterogeneity, demographic confounding, risk factor multiplicity, and spatiotemporal complexity, we provide robust, high-resolution estimates of the global RA burden, providing a sound evidence base for public health policy and resource allocation.

Non-fatal disease modelling

The WHO highlights the utility of DALYs as a comprehensive metric that integrates both YLLs and YLDs,

reflecting real-world health outcomes rather than theoretical risks. In diseases such as RA, where disability predominates, the total DALY burden is almost entirely attributable to YLDs (8). Disaggregating DALYs into YLDs and YLLs components can undermine metric reliability, since the negligible YLLs contribution in RA is prone to statistical noise.

From a policy perspective, the aggregate DALYs measure enables straightforward comparisons across diverse health conditions, facilitating clearer prioritisation without overburdening stakeholders with multiple fragmented indicators. The WHO routinely relies on total DALYs to establish public-health benchmarks. Separate reporting of YLDs and YLLs may introduce redundancy and complicate interpretation.

RA exerts its burden primarily through disabling sequelae: within ten years of diagnosis, approximately half of all patients lose the capacity for sustained full-time employment, and progressive joint deformities perpetuate functional limitations. Consequently, YLDs constitute the vast majority of DALY burden, far exceeding that of many other disorders (9). RA-related mortality usually arises from secondary complications, such as cardiovascular events or infections, so attributing these deaths directly to RA necessitates elaborate modeling and risks misclassification bias. Consequently, we select the total DALY metric offers the most coherent measure for quantifying the impact (10).

Examining trends in the ASDR reveals shifts in disease burden that persist even after adjusting for demographic structure. An increasing ASDR may signify worsening outcomes, driven by heightened exposure to risk factors, suboptimal treatment efficacy, population aging, or stagnation in therapeutic innovation. Conversely, a rising ASDR might also reflect improved survival, leading to longer disease duration and accumulated disability. It is crucial to recognise that statistically significant changes in DALY rates can be quantitatively modest and of limited clinical relevance, underscoring the importance of interpreting such trends within

$$ASPR = \sum_i w_i * P_i$$

P_i : The original prevalence rate of the i th age group.

w_i : The proportion of the i th age group in the standard population.

$$ASIR = \sum_i w_i * I_i$$

I_i : P_i : The original incidence rate of the i th age group

w_i : The proportion of the i th age group in the standard population.

$$DALYs=YLL+YLD$$

YLL: Years of Life Lost

YLD: Years Lived with Disability

$$ASDR = \sum_i w_i * DALYs_i$$

$DALYs_i$: P_i : The original DALYs rate of the i th age group

w_i : The proportion of the i th age group in the standard population.

Supplementary Fig. S1. Equations used to calculate ASPR, ASIR, ASDR and DALYs.

$$ASR = \frac{\sum_{i=1}^n (r_i * \omega_i)}{\sum_{i=1}^n \omega_i}$$

r_i : the rate (e.g., incidence or mortality) for the i -th age group.

w_i : the weight of the i -th age group in a standard population.

n : the total number of age groups.

$$EAPC=(\exp(\beta)-1) \times 100$$

β is the annual change rate, estimated through a linear regression model given by:

$$\ln(y)=\alpha + \beta \times t$$

• y represents the disease burden indicator for a specific year;

• t is the time variable;

• α is the intercept term in the regression model.

Supplementary Fig. S2. Equations used to calculate ASR and EAPC.

the broader context of evolving treatment strategies and policy objectives.

Risk factors

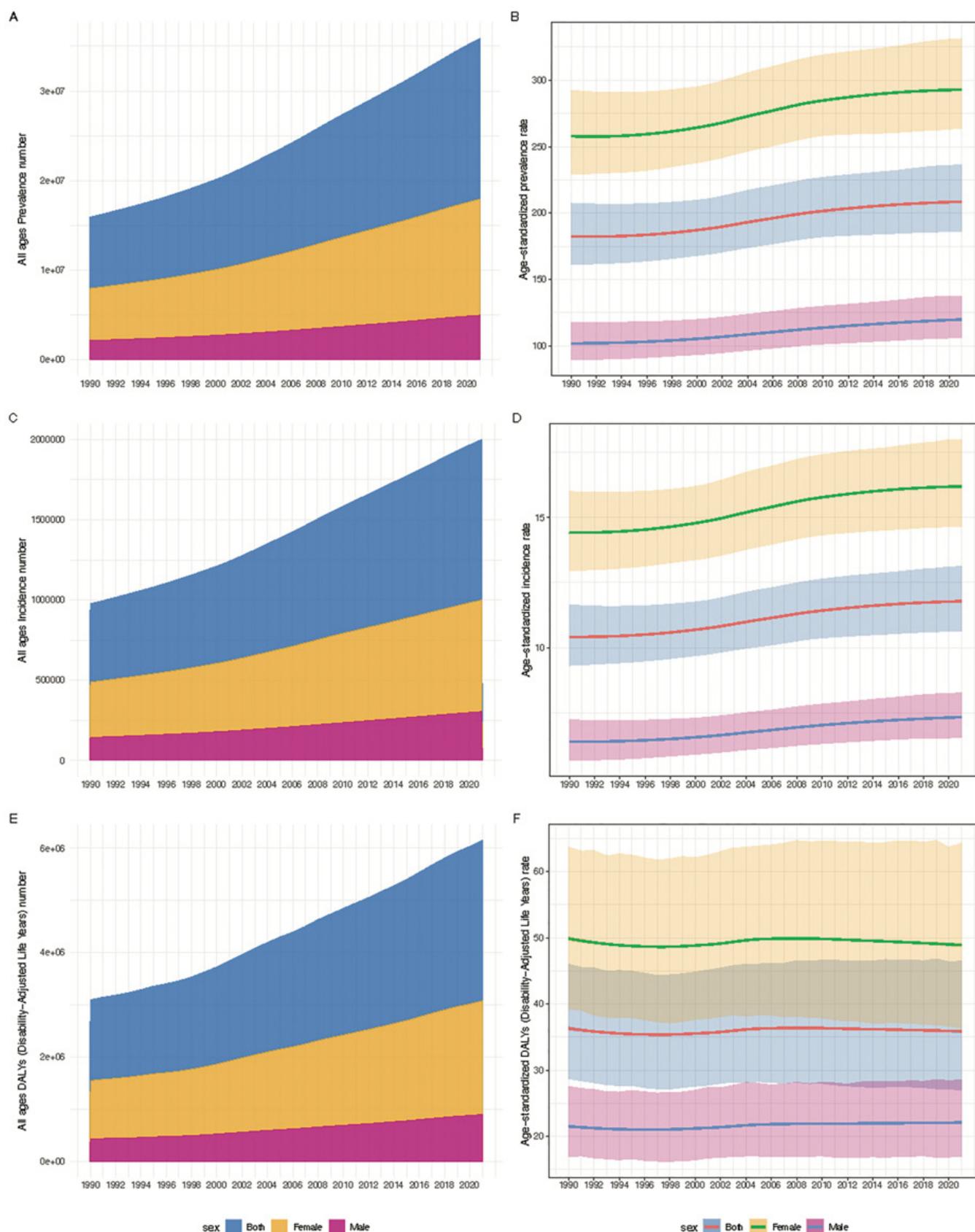
The GBD 2021 leveraged advanced modelling frameworks – specifically DisMod-MR 2.1 and spatiotemporal Gaussian process regression – to apportion RA burden to individual risk factors. For each exposure, a theoretical minimum risk-exposure level (TMREL) was established, and population attributable fractions (PAFs) were calculated to quantify the hypothetical reduction in RA burden attainable through complete elimination of that exposure (11).

Risk factors were organised into a hierarchical framework comprising four levels beneath an ‘all-risks’ aggregate. At Level 1, exposures were classified into three broad domains: environmental and occupational, behavioural, and metabolic. These were further divided into 20 Level 2 clusters (e.g. dietary risks, air pollution). Of these, nine Level 2 clusters were partitioned into 42 Level 3 specific risks, while the remaining 11 remained intact. At Level 4, five Level 3 risks were further disaggregated into 22 granular exposures, yield-

ing a total of 88 distinct risk factors (one aggregate, 3 Level 1, 20 Level 2, 42 Level 3, and 22 Level 4) (12). This multi-tiered hierarchy permits both high-level policy analyses and detailed exposure assessments.

Behavioural risks, modifiable factors with well-established causal links to health outcomes, constituted a principal Level 1 category (13). Comprehensive exposure data stratified by age, sex, and geography were integrated with relative-risk estimates to derive summary exposure values (SEVs) and PAFs, thereby estimating attributable deaths and DALYs. Within the nine Level 2 behavioural clusters, ‘tobacco’ was further partitioned into three Level 3 exposures: ‘smoking’, ‘chewing tobacco’, and ‘secondhand smoke’. Our analysis confirmed that ‘smoking’ alone accounted for virtually the entire RA burden attributable to ‘tobacco’ in GBD 2021, highlighting its central role as a modifiable risk factor in this domain.

Inclusion criteria mandated multiple study designs, at least two cohort investigations, low unexplained heterogeneity, minimal bias, and biologically plausible dose-response gradients. Relative



Supplementary Fig. S3. The global All Ages Number and ASRs of Prevalence, Incidence, and DALYs burden of RA in males and females. **A:** All Ages Prevalence Number of RA in males and females from 1990 to 2021. **B:** ASPR of RA in males and females from 1990 to 2021. **C:** All Ages Incidence Number of RA in males and females from 1990 to 2021. **D:** ASIR of RA in males and females from 1990 to 2021. **E:** All Ages DALYs Number of RA in males and females from 1990 to 2021. **F:** ASDR of RA in males and females from 1990 to 2021.

risk estimates for smoking and RA were drawn from six cohort or case-control studies; further methodological details can be found in the GBD 2021 publications (14).

Predictive analysis

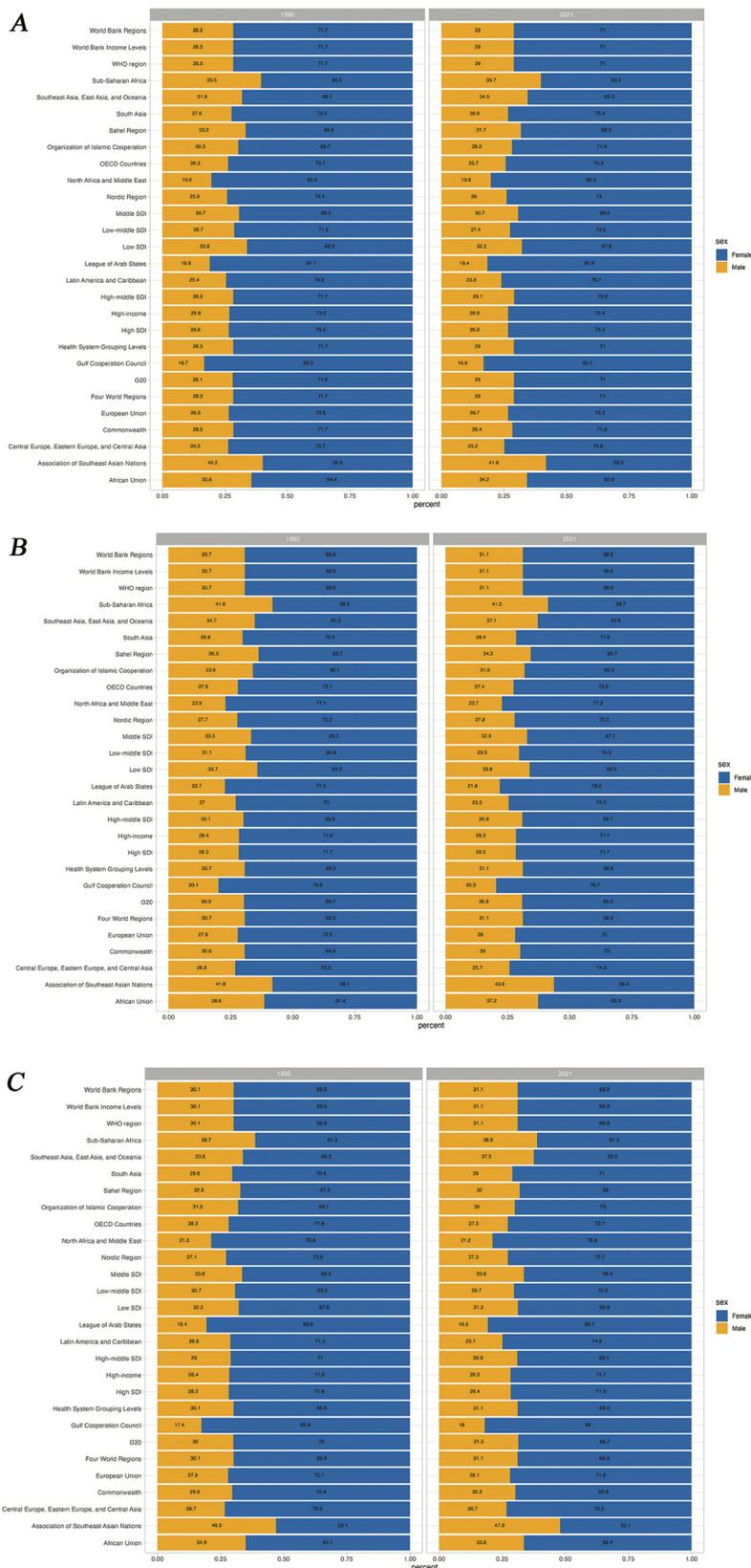
We applied two forecasting approaches, ARIMA and Nordpred APC model, to project RA burden through 2044. The ARIMA (p, d, q) model combines autoregressive (AR) and moving-average (MA) terms with differencing (d) to remove non-stationarity, making it well-suited to capture temporal dependence, trends, seasonality, and irregular fluctuations in our time-series data. Model orders (p, d, q) were selected by examination of autocorrelation and partial-autocorrelation functions, as well as information criteria (15).

The Nordpred APC model is grounded in a Poisson APC framework, which assumes that the number of cases in each age group and period follows a Poisson distribution. Through a log-link function, disease rates are decomposed into three components: age effects, period effects (including a linear drift term), and cohort effects. The model is typically expressed as: $R_{ap} = (A\alpha + Dp + Pp + Cc)$, where R_{ap} denotes the incidence or DALY rate for age group α during period p , $A\alpha$ represents the age-specific component; D is the common drift parameter summarising the linear trend across periods; Pp captures nonlinear period deviations, and Cc represents nonlinear cohort deviations. Model performance is typically assessed through back casting, cross-validation, and residual diagnostics, including deviance and the Akaike Information Criterion (AIC), to evaluate model fit.

To address the risk of over-extrapolation in long-term projections, Nordpred incorporates the Power5 link function, which attenuates the linear drift component using a fifth-power decay. The drift term is adjusted according to the formula:

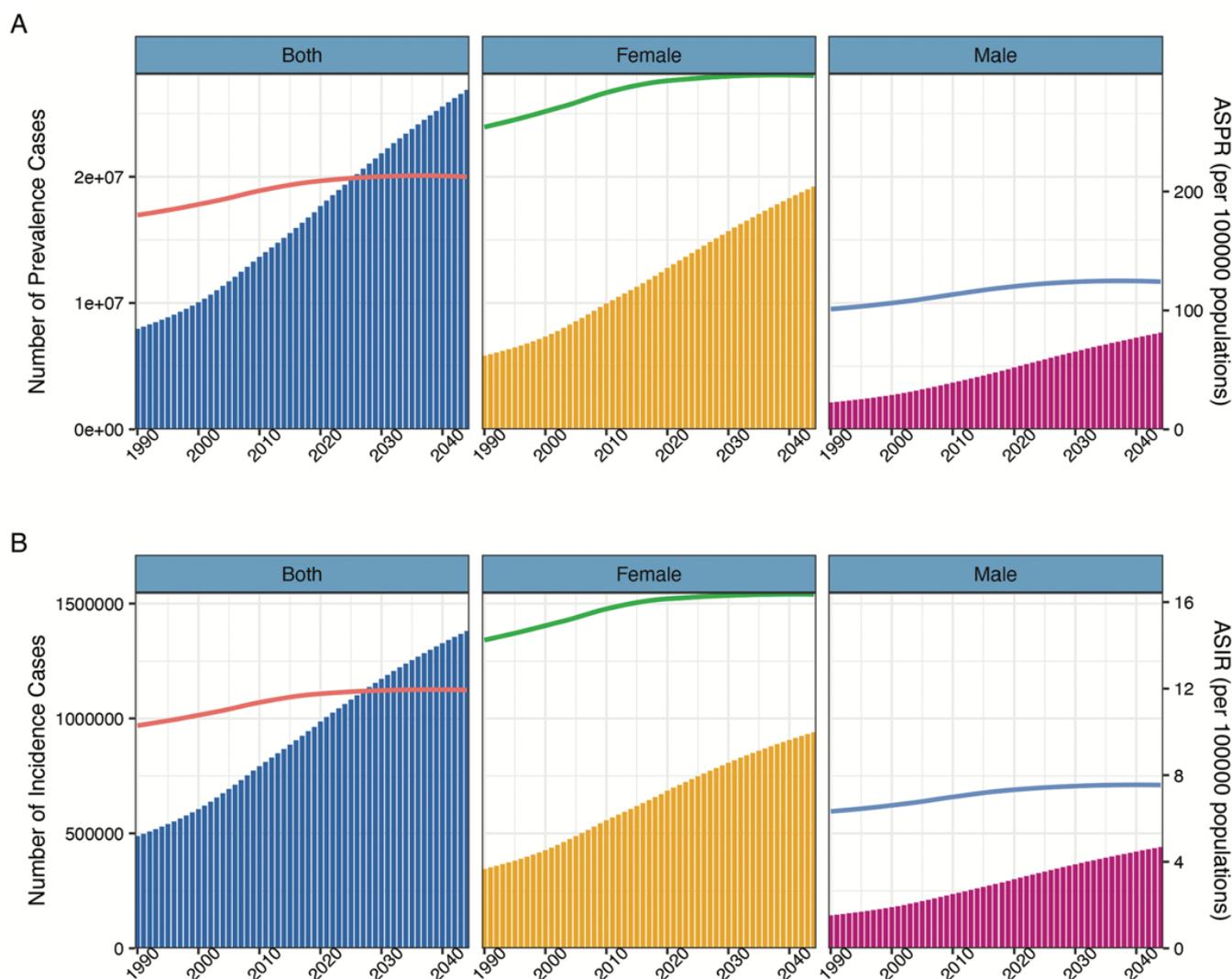
$$\frac{D(j-J_0)}{(1+\alpha(j-J_0))^5}$$

where the default decay rate is $\alpha=0.5$. This adjustment closely approximates



Supplementary Fig. S4. Comparison of the ASPR, ASIR, and age-standardised DALYs rate burden of RA in males and females across 28 GBD super regions in 1990 and 2021.

A: ASPR of RA in males and females in 1990 and 2021 across 28 GBD super regions. **B:** ASIR of RA in males and females in 1990 and 2021 across 28 GBD super regions. **C:** Age-standardised DALYs Rate of RA in males and females in 1990 and 2021 across 28 GBD super regions.



Supplementary Figure S5. Prediction of the disease burden for RA in 2044. The results predicted by the Nordpred method for the total number of cases and ASRs of RA.

A: Prevalence cases and ASPR for RA; B: Incidence cases and ASIR for RA.

linear drift in the short term but gradually reduces its influence over time due to the rapidly increasing denominator. This modification enhances the stability and reliability of medium- to long-term forecasts, particularly for chronic or slowly evolving diseases such as cancer and RA. In the present analysis, we trained the Nordpred APC model using data from 1990 to 2021 to validate the predictions generated by the ARIMA model.

Population structure estimates for the 1990–2044 forecasting period were disaggregated by age and sex, based on data from the United Nations World Population Prospects 1950–2100: 2015 Revision (<https://ghdx.healthdata.org/record/united-nations-world-popula->

[tion-prospects-1950-2100-2015-revision](https://seer.cancer.gov/stdpopulations/world.who.html)). The WHO world standard population was used to apply age weights in the prediction models, referencing age-specific proportions from the WHO population standard (<https://seer.cancer.gov/stdpopulations/world.who.html>). These forecasting methods have been extensively validated in previous studies and are recognised for their robustness and reliability.

Results

National burden of RA trends

In 1990, Ireland recorded the highest ASPR and ASIR at 442.42 (95% UI: 395.96 to 491.24) and 28.64 (95% UI: 26.23 to 31.52), respectively, while Mexico exhibited the highest ASDR at

92.44 (95% UI: 76.01 to 113.37). Over the same period, Indonesia had the lowest ASPR (36.17, 95% UI: 29.54 to 44.30), and Papua New Guinea reported the lowest ASIR (2.03, 95% UI: 1.70 to 2.40) and ASDR (5.54, 95% UI: 3.56 to 8.25). By 2021, Ireland remained the leader in ASPR (539.08, 95% UI: 481.75 to 605.19) and ASIR (35.08, 95% UI: 31.79 to 38.82), and Mexico continued to top the ASDR rankings at 87.45 (95% UI: 68.51 to 110.52). Although ASPR in Indonesia rose to 46.19 (95% UI: 38.70 to 55.40), it remained the lowest globally, and Papua New Guinea again recorded the lowest ASIR (2.39, 95% UI: 2.04 to 2.77) and ASDR (6.49, 95% UI: 4.19 to 9.69) (see Suppl. Table S3).

Global trends by GBD Regions

In 2021, the Andes Latin America region exhibited the highest ASPR (432.76) and ASDR (67.82), whereas the Commonwealth High-Income region had the highest ASIR (23.58). Between 1990 and 2021, most regions experienced increases in both ASPR and ASIR, with the Andes Latin America region demonstrating the most rapid growth (ASPR, AAPC: 1.64; 95% CI: 1.63 to 1.65; ASIR, AAPC: 1.53; 95% CI: 1.52 to 1.54). North Africa saw the fastest rise in ASDR (AAPC: 1.45; 95% CI: 1.32 to 1.58). Conversely, Southern Sub-Saharan Africa experienced a slight decline in ASPR (AAPC: -0.32; 95% CI: -0.33 to -0.31), while the High-Income Asia Pacific region observed significant reductions in both ASIR (AAPC: -0.30; 95% CI: -0.31 to -0.28) and ASDR (AAPC: -0.88; 95% CI: -0.92 to -0.85) (see Suppl. Table S2).

Global and super-regional trends by genders and age groups

In 2021, women consistently exhibited higher absolute counts and rates of prevalence, incidence, and DALYs across all age groups (Fig. 4). Among women, prevalent cases peaked in the 55–59 years (1,450,255; 95% UI: 1,236,441 to 1,696,669), as did incident cases (68,269; 95% UI: 44,041 to 98,672). Incident rates reached their zenith at ages 65–69 (44.39; 95% UI: 28.98 to 60.63), with the highest DALY counts also in this group (256,536; 95% UI: 199,027 to 327,592). Prevalent rates (1,081.10; 95% UI: 959.01 to 1,221.29) and DALY rates (223.30; 95% UI: 176.34 to 270.42) were greatest among women aged 75–79. For men, prevalent rates peaked at 80–84 years (542.69; 95% UI: 478.70 to 612.69), incident rates at 70–74 years (26.26; 95% UI: 16.50 to 37.91), and DALY rates at 85–89 years (151.48; 95% UI: 117.84 to 182.31). Nevertheless, the largest absolute numbers of prevalent cases (568,012; 95% UI: 482,160 to 674,652), incident cases (31,875; 95% UI: 20,869 to 43,621), and DALYs (107,771; 95% UI: 82,486 to 139,201) in men occurred in the 65–69-year cohort (Suppl. Table S5). Across the 28 GBD super-regions, women consistently demonstrated

roughly threefold higher ASPR, ASIR and ASDR compared to men (Suppl. Table S2). The Nordic region recorded the highest ASRs for both sexes in 1990 and 2021; in 2021, male ASPR, ASIR and ASDR were 192.00 (95% UI: 171.98 to 216.04), 13.16 (95% UI: 11.85 to 14.68), and 31.24 (95% UI: 23.03 to 41.42), respectively, while female rates were 545.09 (95% UI: 490.39 to 613.50), 34.17 (95% UI: 30.92 to 37.86), and 83.32 (95% UI: 60.15 to 110.54), respectively (Suppl. Fig. S4).

Predictive analysis

Nordpred projections indicate that by 2044, the global number of prevalent cases will reach approximately 26,874,606 (female: 19,221,683; male: 7,652,923), with an ASPR of 212.90 (female: 297.94; male: 124.59). Incident cases are forecast to total 1,380,869 (female: 940,204; male: 440,664), with an ASIR of 11.96 (female: 16.39; male: 7.56). From 2022 to 2044, both absolute case numbers and ASRs for prevalence and incidence are expected to rise gradually. However, relative increases in ASPR and ASIR will be more modest compared to the growth in case counts, consistent with our ARIMA forecasts (see Suppl. Fig. S5).

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Supplementary Table S1. 2010 EULAR Classification criteria for rheumatoid arthritis.

Category	Score
1. Joint involvement	
1 large joint	0
2-10 large joints	1
1-3 small joints (with or without large joints)	2
4-10 small joints (with or without large joints)	3
>10 joints (at least 1 small joint)	5
2. Serology (at least one test: RF or ACPA)	
Negative RF and negative ACPA	0
Low-positive RF or low-positive ACPA	2
High-positive RF or high-positive ACPA	3
3. Acute-phase reactants (at least one test: CRP or ESR)	
Normal CRP and normal ESR	0
Abnormal CRP or abnormal ESR	1
4. Duration of symptoms	
<6 weeks	0
≥6 weeks	1
A score of ≥6/10 is needed to classify a patient as having definite RA.	

Large joints: shoulders, elbows, hips, knees, and ankles. Small joints: metacarpophalangeal (MCP), proximal interphalangeal (PIP), second to fifth metatarsophalangeal (MTP), thumb interphalangeal, and wrists. RF: rheumatoid factor; ACPA: anti-citrullinated peptide antibody. High-positive: typically ≥ 3 times the upper limit of normal (ULN) of the test. CRP: C-reactive protein; ESR: erythrocyte sedimentation rate.

Supplementary Table S2. Global and regional trends in ASPR, ASIR and ASDR of RA from 1990 to 2021.

Characteristics	Age-standardised prevalence rate per 100,000 population			Age-standardised incidence rate per 100,000 population			Age-standardised DALYs rate per 100,000 population		
	1990 no. (95%UI)	2021 no. (95%UI)	AAPC no. (95%CI)	1990 no. (95%UI)	2021 no. (95%UI)	AAPC no. (95%CI)	1990 no. (95%UI)	2021 no. (95%UI)	AAPC no. (95%CI)
Global	182.54 (161.59 to 207.48)	208.90 (186.34 to 236.33)	0.44 (0.44 to 0.45)	10.42 (9.32 to 11.64)	11.80 (10.64 to 13.12)	0.40 (0.40 to 0.41)	36.42 (28.71 to 46.00)	35.89 (26.95 to 46.46)	-0.03 (-0.05 to -0.02)
SDI quintile									
High SDI	263.15 (238.33 to 294.74)	282.73 (256.44 to 313.88)	0.24 (0.23 to 0.25)	15.87 (14.30 to 17.64)	16.88 (15.44 to 18.47)	0.21 (0.19 to 0.21)	49.57 (38.84 to 62.18)	44.15 (32.56 to 58.11)	-0.39 (-0.41 to -0.37)
High-middle SDI	172.09 (150.29 to 197.20)	213.28 (188.45 to 242.99)	0.70 (0.69 to 0.70)	9.36 (8.29 to 10.55)	11.66 (10.43 to 12.97)	0.71 (0.71 to 0.72)	32.83 (25.33 to 42.18)	35.53 (26.33 to 46.93)	0.26 (0.24 to 0.27)
Low SDI	86.90 (75.82 to 101.16)	110.98 (98.21 to 127.44)	0.79 (0.79 to 0.80)	5.63 (4.99 to 6.39)	7.04 (6.27 to 7.92)	0.73 (0.72 to 0.73)	17.99 (13.64 to 24.07)	20.81 (15.75 to 27.17)	0.49 (0.46 to 0.53)
Low-middle SDI	121.21 (105.91 to 140.23)	168.37 (149.42 to 192.37)	1.07 (1.06 to 1.08)	7.88 (6.97 to 8.93)	11.80 (10.64 to 13.12)	0.93 (0.92 to 0.94)	28.29 (21.91 to 35.62)	33.46 (26.23 to 41.97)	0.59 (0.55 to 0.63)
Middle SDI	171.71 (150.60 to 197.15)	209.61 (185.51 to 238.44)	0.64 (0.64 to 0.65)	9.72 (8.61 to 10.95)	11.90 (10.67 to 13.38)	0.65 (0.65 to 0.66)	35.87 (28.40 to 45.57)	37.22 (28.13 to 48.12)	0.12 (0.10 to 0.13)
Sex									
Male	101.91 (89.65 to 117.83)	119.68 (105.95 to 137.45)	0.52 (0.51 to 0.52)	6.39 (5.66 to 7.22)	7.33 (6.56 to 8.26)	0.44 (0.44 to 0.45)	21.57 (16.88 to 27.54)	22.06 (16.91 to 28.53)	0.07 (0.05 to 0.11)
Female	257.98 (229.32 to 292.43)	293.66 (263.52 to 331.33)	0.52 (0.48 to 0.56)	14.43 (12.95 to 16.01)	16.23 (14.65 to 18.00)	0.38 (0.38 to 0.39)	50.02 (39.24 to 63.67)	48.93 (36.37 to 64.28)	-0.06 (-0.07 to -0.04)
All GBD Regions									
Advanced Health System	228.65 (206.99 to 255.88)	261.43 (237.65 to 290.12)	0.44 (0.43 to 0.45)	13.31 (12.04 to 14.74)	15.17 (13.88 to 16.58)	0.42 (0.41 to 0.43)	43.33 (33.95 to 54.52)	41.5 (30.82 to 54.45)	-0.13 (-0.15 to -0.11)
Africa	84.29 (73.37 to 97)	95.41 (82.96 to 110.06)	0.40 (0.40 to 0.41)	4.65 (4.12 to 5.22)	5.13 (4.55 to 5.74)	0.32 (0.31 to 0.33)	14.48 (10.71 to 19.25)	14.93 (10.68 to 20.43)	0.10 (0.08 to 0.12)
African Region	90.2 (78.93 to 103.52)	95.82 (83.67 to 110.25)	0.20 (0.19 to 0.20)	5.07 (4.51 to 5.67)	5.32 (4.74 to 5.96)	0.16 (0.15 to 0.17)	15.56 (11.56 to 20.81)	14.97 (10.77 to 20.38)	-0.13 (-0.16 to -0.10)
America	236.72 (216.36 to 261.6)	290.57 (265.03 to 320.43)	0.66 (0.65 to 0.67)	13.66 (12.41 to 14.97)	16.46 (14.99 to 17.96)	0.60 (0.60 to 0.61)	44.14 (34.17 to 55.73)	48.14 (36.25 to 62.12)	0.27 (0.25 to 0.30)
Andean Latin America	261.9 (231.95 to 294.69)	432.76 (384.44 to 486.44)	1.64 (1.63 to 1.65)	13.57 (12.25 to 15.03)	21.72 (19.62 to 23.94)	1.53 (1.52 to 1.54)	50.58 (39.15 to 63.49)	67.82 (48.77 to 89.56)	0.96 (0.89 to 1.01)
Asia	172.14 (149.78 to 198.32)	200.44 (176.23 to 230.06)	0.50 (0.49 to 0.50)	10.16 (8.93 to 11.51)	11.7 (10.41 to 13.22)	0.46 (0.46 to 0.47)	36.08 (28.31 to 45.76)	35.81 (27.05 to 46.23)	-0.03 (-0.05 to -0.01)
Australasia	313.85 (278.08 to 355.84)	354.82 (312.15 to 402.78)	0.40 (0.39 to 0.41)	20.63 (18.5 to 22.93)	23.01 (20.53 to 25.58)	0.35 (0.34 to 0.36)	58.64 (45.59 to 74.03)	54.8 (39.98 to 72.57)	-0.26 (-0.30 to -0.23)
Basic Health System	172.22 (150.25 to 198.58)	204.97 (180.53 to 234.13)	0.56 (0.56 to 0.57)	9.53 (8.44 to 10.77)	11.21 (10.02 to 12.58)	0.52 (0.52 to 0.53)	35.05 (27.47 to 44.69)	35.99 (26.97 to 46.68)	0.08 (0.05 to 0.11)
Caribbean	115.74 (100.81 to 133.88)	153.28 (133.69 to 175.61)	0.91 (0.91 to 0.91)	6.57 (5.94 to 7.32)	8.18 (7.4 to 9.06)	0.71 (0.71 to 0.72)	25.61 (20.17 to 32.34)	28.87 (22.15 to 37.46)	0.40 (0.29 to 0.49)
Central Africa	77 (66.86 to 89.12)	90.6 (79.29 to 104.05)	0.52 (0.52 to 0.53)	4.69 (4.19 to 5.24)	5.44 (4.87 to 6.05)	0.47 (0.47 to 0.48)	11.25 (7.49 to 20.45)	12.64 (8.45 to 19.31)	0.37 (0.36 to 0.38)
Central Asia	128.69 (112.13 to 148.85)	185.43 (162.32 to 209.65)	1.19 (1.18 to 1.20)	6.48 (5.75 to 7.26)	9.28 (8.3 to 10.27)	1.16 (1.15 to 1.17)	17.97 (12.39 to 25.51)	28.71 (20.66 to 39.12)	1.45 (1.32 to 1.58)
Central Europe	168.01 (145.91 to 192.07)	201.8 (176.29 to 229.77)	0.60 (0.59 to 0.60)	8.74 (7.73 to 9.82)	10.54 (9.31 to 11.82)	0.61 (0.60 to 0.61)	34.43 (27.42 to 43.5)	31.32 (22.63 to 42.57)	-0.32 (-0.36 to -0.28)
Central Latin America	287.75 (254.55 to 322.56)	360.24 (320.08 to 401.87)	0.73 (0.72 to 0.74)	16.89 (15.1 to 18.86)	20.11 (18.11 to 22.31)	0.56 (0.55 to 0.57)	66.42 (54.46 to 81.58)	68.34 (53.32 to 86.47)	0.10 (0.06 to 0.14)
Central Sub-Saharan Africa	86.6 (75.99 to 99.42)	104.67 (92.38 to 119.14)	0.61 (0.60 to 0.62)	5.33 (4.8 to 5.95)	6.35 (5.72 to 7.08)	0.56 (0.55 to 0.56)	12.85 (8.56 to 26.61)	14.65 (9.86 to 24.63)	0.42 (0.41 to 0.43)
Commonwealth High Income	346.41 (316.38 to 384.72)	382.24 (348.9 to 420.28)	0.32 (0.31 to 0.33)	21.3 (19.46 to 23.42)	23.58 (21.66 to 25.65)	0.33 (0.32 to 0.33)	69.61 (55.63 to 86.26)	59.74 (44.05 to 78.47)	-0.53 (-0.57 to -0.48)
Commonwealth Low Income	81.35 (70.15 to 93.96)	116.45 (101.42 to 134.28)	1.17 (1.16 to 1.18)	5 (4.45 to 5.66)	6.81 (6.04 to 7.63)	1.01 (0.99 to 1.01)	19.86 (14.52 to 26.67)	22.25 (16.53 to 29.38)	0.39 (0.36 to 0.43)
Commonwealth Middle Income	143.47 (125.28 to 167.1)	196.92 (173.28 to 225.84)	1.03 (1.03 to 1.04)	9.66 (8.49 to 11.01)	12.94 (11.42 to 14.68)	0.95 (0.95 to 0.96)	32.67 (25.23 to 41.31)	37.61 (29.19 to 47.45)	0.49 (0.46 to 0.53)
East Asia	204.04 (176.45 to 236.06)	238.79 (209.5 to 275.2)	0.51 (0.51 to 0.52)	11.52 (10.12 to 13.06)	13.61 (12.08 to 15.42)	0.54 (0.54 to 0.55)	42.12 (32.93 to 53.95)	41.95 (31.21 to 55.02)	-0.01 (-0.04 to 0.01)

East Asia & Pacific - WB	191.44 (166.96 to 220.18)	206.34 (181.22 to 236.8)	0.24 (0.24 to 0.25)	10.83 (9.52 to 12.27)	11.48 (10.19 to 13)	0.19 (0.18 to 0.19)	39.01 (30.62 to 49.75)	35.94 (26.79 to 46.64)	-0.27 (-0.28 to -0.25)
Eastern Africa	73.15 (63.46 to 85.31)	84.68 (74 to 97.53)	0.48 (0.47 to 0.48)	4.58 (4.09 to 5.18)	5.19 (4.65 to 5.85)	0.40 (0.39 to 0.41)	10.79 (7.38 to 16.49)	12.09 (8.38 to 17.14)	0.36 (0.36 to 0.37)
Eastern Europe	144.56 (123.99 to 167.27)	175.91 (152.61 to 201.3)	0.64 (0.63 to 0.64)	6.84 (5.93 to 7.78)	8.28 (7.25 to 9.34)	0.62 (0.61 to 0.63)	29.43 (23.23 to 37.65)	33.15 (25.49 to 42.9)	0.41 (0.36 to 0.45)
Eastern Mediterranean Region	99.76 (85.66 to 117.02)	118.38 (101.12 to 138.68)	0.58 (0.56 to 0.61)	5.12 (4.46 to 5.86)	5.98 (5.24 to 6.81)	0.53 (0.50 to 0.55)	20.65 (15.41 to 26.62)	22.46 (16.49 to 29.17)	0.29 (0.27 to 0.32)
Eastern Sub-Saharan Africa	76.35 (66.51 to 88.54)	86.56 (75.82 to 99.71)	0.41 (0.40 to 0.42)	4.88 (4.35 to 5.51)	5.45 (4.9 to 6.13)	0.36 (0.35 to 0.37)	11.01 (7.5 to 17.82)	11.96 (8.16 to 17.28)	0.27 (0.26 to 0.27)
Europe	207.22 (185.02 to 233.67)	243.1 (217.78 to 273.04)	0.52 (0.51 to 0.52)	11.58 (10.44 to 12.76)	13.66 (12.41 to 15.02)	0.53 (0.52 to 0.54)	40.32 (31.65 to 50.91)	39.14 (29.01 to 51.61)	-0.10 (-0.12 to -0.09)
Europe & Central Asia - WB	205.89 (183.88 to 232.15)	243.09 (217.81 to 272.89)	0.54 (0.53 to 0.54)	11.48 (10.35 to 12.65)	13.59 (12.35 to 14.92)	0.54 (0.54 to 0.55)	39.79 (31.15 to 50.32)	39.09 (28.95 to 51.59)	-0.07 (-0.08 to -0.05)
European Region	205.49 (183.48 to 231.69)	242.59 (217.28 to 272.43)	0.54 (0.53 to 0.54)	11.46 (10.33 to 12.62)	13.57 (12.33 to 14.89)	0.55 (0.54 to 0.55)	39.68 (31.06 to 50.18)	38.98 (28.86 to 51.46)	-0.07 (-0.08 to -0.05)
High-income Asia Pacific	289.76 (255.54 to 333.43)	267.27 (234.98 to 305.05)	-0.26 (-0.27 to -0.24)	17.52 (15.28 to 20.04)	15.95 (14.22 to 17.89)	-0.30 (-0.31 to -0.28)	56.18 (44.01 to 71.51)	42.76 (31.54 to 56.97)	-0.88 (-0.92 to -0.85)
High-income North America	253.61 (234.71 to 275.98)	300.45 (279.54 to 325.66)	0.55 (0.54 to 0.56)	15.49 (14.2 to 16.92)	18.53 (17.09 to 20.21)	0.58 (0.57 to 0.59)	43.96 (33.57 to 55.99)	45.94 (34.02 to 60)	0.12 (0.09 to 0.15)
Latin America & Caribbean - WB	209.55 (183.47 to 238.79)	272.27 (241.19 to 307.65)	0.85 (0.83 to 0.86)	11.41 (10.19 to 12.7)	14.34 (12.92 to 15.81)	0.73 (0.72 to 0.75)	43.39 (34.31 to 54.79)	48.39 (36.76 to 62.4)	0.35 (0.32 to 0.37)
Limited Health System	125.8 (109.4 to 146.35)	178.15 (157.15 to 203.92)	1.13 (1.13 to 1.14)	8.45 (7.43 to 9.63)	11.56 (10.27 to 13.09)	1.02 (1.02 to 1.03)	28.94 (22.48 to 36.66)	34.19 (26.36 to 42.89)	0.58 (0.55 to 0.61)
Middle East & North Africa - WB	67.83 (57.07 to 80.61)	102.04 (86.52 to 120.12)	1.33 (1.32 to 1.33)	3.33 (2.85 to 3.86)	4.94 (4.27 to 5.64)	1.29 (1.28 to 1.30)	11.05 (7.96 to 15.18)	15.51 (10.93 to 21.07)	1.11 (1.09 to 1.12)
Minimal Health System	63.65 (54.97 to 74.09)	76.35 (66.56 to 87.84)	0.59 (0.58 to 0.59)	3.89 (3.46 to 4.37)	4.56 (4.07 to 5.07)	0.51 (0.51 to 0.52)	9.79 (6.8 to 14.87)	11.31 (7.85 to 16.06)	0.47 (0.46 to 0.47)
North Africa and Middle East	77.47 (66.58 to 90.18)	118.34 (103.04 to 135.92)	1.38 (1.37 to 1.38)	3.75 (3.27 to 4.28)	5.52 (4.84 to 6.21)	1.26 (1.25 to 1.27)	14.63 (11.07 to 19.5)	18.69 (13.47 to 25.18)	0.79 (0.78 to 0.80)
North America	253.6 (234.7 to 275.97)	300.44 (279.53 to 325.65)	0.55 (0.54 to 0.56)	15.49 (14.2 to 16.92)	18.53 (17.09 to 20.2)	0.58 (0.57 to 0.59)	43.96 (33.57 to 55.99)	45.93 (34.02 to 60)	0.12 (0.09 to 0.15)
Northern Africa	62 (51.86 to 73.37)	97.89 (82.58 to 115.07)	1.48 (1.47 to 1.49)	3.01 (2.57 to 3.51)	4.76 (4.11 to 5.45)	1.49 (1.48 to 1.50)	10.29 (7.38 to 13.99)	15.25 (10.67 to 20.84)	1.29 (1.27 to 1.30)
Oceania	42.76 (35.14 to 51.85)	50.75 (42.63 to 60.28)	0.55 (0.55 to 0.56)	2.19 (1.84 to 2.58)	2.56 (2.2 to 2.97)	0.50 (0.49 to 0.51)	6.02 (3.87 to 8.83)	7.06 (4.6 to 10.45)	0.51 (0.50 to 0.52)
Region of the Americas	236.72 (216.36 to 261.6)	290.57 (265.03 to 320.43)	0.66 (0.65 to 0.67)	13.66 (12.41 to 14.97)	16.46 (14.99 to 17.96)	0.60 (0.60 to 0.61)	44.14 (34.17 to 55.73)	48.14 (36.25 to 62.12)	0.27 (0.25 to 0.30)
South Asia	145.42 (126.64 to 169.62)	206.67 (181.24 to 237.01)	1.15 (1.14 to 1.15)	10.02 (8.79 to 11.43)	13.77 (12.15 to 15.66)	1.04 (1.03 to 1.04)	34.7 (26.62 to 44.05)	40.01 (30.97 to 50.43)	0.52 (0.47 to 0.57)
South Asia - WB	142.45 (124 to 166.23)	203.13 (178.13 to 232.99)	1.16 (1.15 to 1.17)	9.79 (8.6 to 11.17)	13.52 (11.93 to 15.36)	1.05 (1.05 to 1.06)	33.9 (26.05 to 43.03)	39.31 (30.42 to 49.57)	0.52 (0.48 to 0.55)
Southeast Asia	55.46 (47.4 to 65.52)	74.62 (64.01 to 87.73)	0.95 (0.93 to 0.96)	3.16 (2.76 to 3.64)	4.23 (3.73 to 4.81)	0.94 (0.92 to 0.95)	11.75 (9 to 15.39)	13.67 (10.33 to 18.07)	0.48 (0.47 to 0.50)
South-East Asia Region	119.06 (103.69 to 138.81)	174.18 (153.06 to 200.33)	1.23 (1.23 to 1.24)	8.23 (7.22 to 9.39)	11.6 (10.27 to 13.17)	1.12 (1.11 to 1.12)	28.14 (21.73 to 35.66)	33.2 (25.63 to 41.85)	0.57 (0.53 to 0.62)
Southern Africa	204.45 (179.59 to 229.59)	189.67 (166.08 to 213.37)	-0.24 (-0.25 to -0.24)	10.53 (9.39 to 11.75)	9.63 (8.65 to 10.7)	-0.28 (-0.29 to -0.28)	42.2 (33.15 to 53.64)	34.9 (26.81 to 44.35)	-0.61 (-0.65 to -0.57)
Southern Latin America	164.02 (143.42 to 188.63)	267.62 (239.07 to 301.08)	1.59 (1.59 to 1.60)	9.44 (8.41 to 10.52)	14.75 (13.28 to 16.19)	1.45 (1.45 to 1.46)	34.08 (26.77 to 43.39)	44.56 (33.32 to 58.57)	0.86 (0.79 to 0.90)
Southern Sub-Saharan Africa	289.57 (253.22 to 326.56)	262.29 (230.5 to 296.17)	-0.32 (-0.33 to -0.31)	14.4 (12.74 to 16.12)	13.18 (11.72 to 14.74)	-0.29 (-0.30 to -0.28)	62.07 (48.98 to 77.96)	50.49 (39.27 to 63.8)	-0.66 (-0.70 to -0.62)
Sub-Saharan Africa - WB	90.42 (79.08 to 103.88)	96.16 (84 to 110.46)	0.20 (0.20 to 0.20)	5.09 (4.53 to 5.7)	5.35 (4.77 to 6)	0.16 (0.16 to 0.17)	15.62 (11.55 to 20.89)	15.05 (10.84 to 20.46)	-0.13 (-0.16 to -0.10)
Tropical Latin America	167.42 (139.12 to 197.72)	168.76 (142.13 to 197.32)	-0.01 (-0.09 to 0.05)	7.56 (6.42 to 8.72)	7.61 (6.53 to 8.71)	-0.00 (-0.08 to 0.04)	28.95 (21.37 to 38.52)	28.77 (21.11 to 38.2)	-0.06 (-0.13 to -0.01)
Western Africa	48.06 (40.06 to 58.03)	61.21 (51.19 to 73.12)	0.79 (0.78 to 0.79)	2.75 (2.35 to 3.22)	3.41 (2.94 to 3.91)	0.70 (0.69 to 0.71)	6.67 (4.48 to 9.56)	8.41 (5.62 to 11.9)	0.75 (0.75 to 0.76)
Western Europe	255.92 (227.08 to 290.86)	285.97 (253.69 to 322.49)	0.36 (0.35 to 0.36)	15.49 (13.98 to 17.19)	17.36 (15.74 to 19.19)	0.36 (0.36 to 0.37)	47.59 (36.93 to 60.29)	44 (32.08 to 58.49)	-0.24 (-0.27 to -0.22)
Western Pacific Region	213.48 (185.94 to 245.46)	231.09 (202.64 to 265.69)	0.26 (0.25 to 0.26)	12.14 (10.66 to 13.75)	12.99 (11.53 to 14.73)	0.22 (0.22 to 0.22)	43.27 (33.96 to 55.12)	39.89 (29.64 to 52.09)	-0.27 (-0.29 to -0.25)
Western Sub-Saharan Africa	48.63 (40.49 to 58.64)	61.79 (51.74 to 73.64)	0.78 (0.77 to 0.78)	2.79 (2.38 to 3.25)	3.45 (2.99 to 3.95)	0.69 (0.68 to 0.70)	6.74 (4.55 to 9.68)	8.48 (5.68 to 12.04)	0.74 (0.73 to 0.75)

Supplementary Table S3. The ASPR, ASIR and ASDR for RA in 1990 and 2021 and their temporal trends from 1990 to 2021 in 204 countries and territories.

Characteristics	Age-standardised prevalence rate per 100,000 population			Age-standardised incidence rate per 100,000 population			Age-standardised DALYs rate per 100,000 population		
	1990 no. (95%UI)	2021 no. (95%UI)	EAPC no. (95%CI)	1990 no. (95%UI)	2021 no. (95%UI)	EAPC no. (95%CI)	1990 no. (95%UI)	2021 no. (95%UI)	EAPC no. (95%CI)
All countries and territories									
American Samoa	68.37 (56.54 to 82.11)	85.31 (70.54 to 102.46)	0.6 (0.54 to 0.67)	3.34 (2.81 to 3.92)	4.16 (3.57 to 4.82)	0.6 (0.54 to 0.65)	9.46 (6.1 to 13.85)	11.55 (7.47 to 17.05)	0.55 (0.48 to 0.61)
Antigua and Barbuda	105.7 (91.41 to 121.94)	148.49 (128.44 to 171.21)	1.04 (0.96 to 1.11)	6.66 (5.99 to 7.48)	9.15 (8.22 to 10.2)	0.96 (0.88 to 1.05)	20.98 (15.95 to 26.8)	27.68 (20.85 to 35.57)	0.82 (0.7 to 0.94)
Arab Republic of Egypt	67.35 (56.33 to 80.16)	110.53 (93.64 to 131.14)	1.49 (1.42 to 1.57)	3.23 (2.77 to 3.79)	5.29 (4.55 to 6.1)	1.5 (1.43 to 1.57)	11.33 (8.13 to 15.55)	16.36 (11.21 to 22.5)	1.18 (1.12 to 1.23)
Argentine Republic	147.42 (126.7 to 171.36)	220.44 (193.49 to 250.36)	1.19 (1.08 to 1.3)	8.27 (7.3 to 9.25)	11.74 (10.55 to 12.98)	1.04 (0.94 to 1.13)	29.06 (22.49 to 37.29)	37.18 (27.82 to 49.4)	0.93 (0.78 to 1.08)
Australia	295.99 (261.78 to 335.55)	346.84 (303.81 to 394.99)	0.58 (0.43 to 0.74)	19.62 (17.61 to 21.74)	22.6 (20.03 to 25.14)	0.53 (0.37 to 0.69)	55.76 (43.24 to 71.19)	53.57 (39.02 to 71.02)	-0.05 (-0.13 to 0.02)
Barbados	163.96 (142.33 to 186.81)	225.01 (195.67 to 255.15)	0.91 (0.81 to 1.01)	9.98 (9.03 to 10.97)	13.44 (12.19 to 14.84)	0.86 (0.77 to 0.95)	34.19 (26.55 to 43.69)	42.9 (32.53 to 55)	0.74 (0.61 to 0.88)
Belize	110.73 (95.73 to 128.06)	155.79 (133.2 to 180.31)	1.14 (1.09 to 1.2)	6.53 (5.83 to 7.32)	8.78 (7.77 to 9.85)	1 (0.96 to 1.05)	21.46 (16.39 to 28.01)	29.05 (21.92 to 38.05)	0.87 (0.7 to 1.03)
Bermuda	131.68 (112.02 to 154.58)	179.98 (153.53 to 211.53)	1.1 (1.01 to 1.19)	7.86 (6.98 to 8.82)	10.7 (9.46 to 12.07)	1.06 (0.97 to 1.16)	24.77 (18.51 to 32.13)	28.87 (20.52 to 39.38)	0.46 (0.42 to 0.51)
Bolivarian Republic of Venezuela	220.03 (193.96 to 247.45)	318.11 (283.66 to 357.81)	1.17 (1.03 to 1.31)	12.82 (11.61 to 14.1)	17.99 (16.27 to 19.73)	1.07 (0.95 to 1.19)	50.56 (40.86 to 62.12)	60.85 (46.17 to 78.69)	0.46 (0.37 to 0.54)
Bosnia and Herzegovina	168.71 (146.81 to 191.57)	249.13 (217.06 to 279.28)	1.54 (1.43 to 1.65)	8.64 (7.57 to 9.76)	12.75 (11.18 to 14.35)	1.54 (1.44 to 1.65)	29.78 (22.06 to 39)	37.15 (26.14 to 51.3)	0.89 (0.83 to 0.95)
Brunei Darussalam	174.94 (153.37 to 200.33)	230.07 (202.14 to 260.15)	0.9 (0.79 to 1.01)	10.88 (9.77 to 12.12)	13.91 (12.52 to 15.42)	0.8 (0.7 to 0.9)	48.52 (37.74 to 61.62)	46.45 (34.85 to 60.28)	-0.02 (-0.06 to 0.03)
Burkina Faso	48.16 (40.32 to 57.24)	59.09 (49.31 to 70.47)	0.75 (0.68 to 0.81)	2.85 (2.47 to 3.28)	3.4 (2.96 to 3.92)	0.64 (0.58 to 0.7)	6.74 (4.38 to 9.89)	8.13 (5.19 to 11.91)	0.69 (0.62 to 0.75)
Canada	246.45 (240.61 to 253.23)	331.84 (323.59 to 340.53)	0.95 (0.84 to 1.06)	15.25 (14.42 to 16.07)	20.74 (19.64 to 21.71)	0.99 (0.88 to 1.1)	44.88 (34.99 to 56.49)	50.81 (37.26 to 67.28)	0.32 (0.19 to 0.45)
Central African Republic	93.2 (81.92 to 106.62)	97.21 (85.88 to 109.16)	0.18 (0.14 to 0.23)	5.74 (5.22 to 6.36)	5.97 (5.39 to 6.57)	0.18 (0.13 to 0.23)	14.06 (9.43 to 30.37)	13.91 (9.43 to 25.91)	-0.01 (-0.05 to 0.03)
Commonwealth of Dominica	107.66 (92.2 to 125.09)	133.85 (116.67 to 153.67)	0.62 (0.53 to 0.7)	6.61 (5.93 to 7.4)	8.15 (7.31 to 9.13)	0.6 (0.53 to 0.67)	24.17 (18.86 to 31.05)	26.35 (20.17 to 34.03)	0.18 (0.12 to 0.25)
Commonwealth of the Bahamas	118.25 (100.82 to 137.87)	152.19 (132.46 to 176.96)	0.86 (0.75 to 0.97)	6.93 (6.17 to 7.73)	8.71 (7.81 to 9.68)	0.78 (0.68 to 0.88)	25.59 (20.02 to 32.68)	28.6 (21.54 to 36.94)	0.3 (0.21 to 0.39)
Cook Islands	51.52 (41.04 to 63.12)	73.81 (60.84 to 89.84)	1.19 (1.13 to 1.24)	2.55 (2.09 to 3.07)	3.57 (3 to 4.3)	1.13 (1.07 to 1.19)	7.16 (4.5 to 10.82)	10.06 (6.46 to 14.81)	1.12 (1.07 to 1.18)
Czech Republic	134.95 (115.24 to 156.75)	186.77 (160.27 to 216.87)	1.01 (0.97 to 1.05)	6.63 (5.69 to 7.55)	9.35 (8.11 to 10.67)	1.07 (1.03 to 1.11)	23.37 (17.2 to 30.46)	27.5 (19.39 to 38.16)	0.55 (0.44 to 0.67)
Democratic People's Republic of Korea	158.68 (138.7 to 180.29)	209.89 (185.23 to 237.57)	0.93 (0.89 to 0.98)	9.18 (8.19 to 10.33)	12.19 (11.05 to 13.59)	0.94 (0.9 to 0.99)	36.94 (28.41 to 47.96)	43.89 (33.62 to 55.79)	0.63 (0.56 to 0.69)
Democratic Republic of Sao Tome and Principe	55.95 (46.44 to 66.9)	73.76 (62.02 to 87.49)	0.96 (0.84 to 1.08)	3.19 (2.73 to 3.68)	4.16 (3.58 to 4.75)	0.91 (0.8 to 1.02)	7.73 (5.1 to 11.46)	10.03 (6.64 to 14.96)	0.9 (0.79 to 1.01)
Democratic Republic of the Congo	83.54 (73.07 to 96.49)	97.38 (85.55 to 111.19)	0.47 (0.35 to 0.59)	5.14 (4.6 to 5.78)	5.94 (5.33 to 6.67)	0.46 (0.35 to 0.58)	12.36 (8.12 to 25.51)	13.73 (9.06 to 23.14)	0.31 (0.21 to 0.42)
Democratic Republic of Timor-Leste	45.26 (38.11 to 53.77)	64.69 (55.5 to 76.56)	1.21 (1.17 to 1.25)	2.67 (2.34 to 3.07)	3.9 (3.46 to 4.45)	1.24 (1.22 to 1.27)	10.85 (8.04 to 14.49)	13.28 (9.77 to 17.78)	0.74 (0.68 to 0.8)
Democratic Socialist Republic of Sri Lanka	40.46 (33.13 to 49.59)	55.81 (46.35 to 67.11)	1.14 (1.02 to 1.25)	2.23 (1.89 to 2.64)	3.04 (2.59 to 3.54)	1.1 (0.98 to 1.23)	6.45 (4.35 to 9.14)	8.2 (5.34 to 11.66)	0.91 (0.83 to 0.99)

Dominican Republic	74.97 (63.13 to 88.25)	98.54 (83.95 to 116.17)	0.89 (0.84 to 0.94)	5.25 (4.67 to 5.88)	6.54 (5.79 to 7.35)	0.68 (0.6 to 0.76)	21.52 (16.46 to 27.34)	20.12 (15.38 to 26.08)	0.23 (0.05 to 0.41)
Eastern Republic of Uruguay	154.73 (134.43 to 177.87)	219.03 (188.98 to 251.32)	1.13 (1.08 to 1.17)	9.46 (8.49 to 10.53)	12.75 (11.43 to 14.2)	0.97 (0.92 to 1.01)	34.41 (27.3 to 43.07)	44.23 (34.61 to 56.48)	0.9 (0.78 to 1.01)
Federal Democratic Republic of Ethiopia	81.6 (70.18 to 95.79)	77.14 (66.34 to 90.38)	-0.04 (-0.12 to 0.04)	5.14 (4.5 to 5.88)	4.87 (4.28 to 5.55)	-0.05 (-0.12 to 0.03)	11.87 (8.04 to 20.07)	10.66 (7.21 to 15.33)	-0.24 (-0.31 to -0.17)
Federal Democratic Republic of Nepal	115.17 (99.29 to 132.95)	190.65 (164.37 to 221.91)	1.71 (1.63 to 1.79)	7.44 (6.59 to 8.35)	11.89 (10.61 to 13.49)	1.56 (1.51 to 1.6)	30.16 (22.66 to 40.1)	38.55 (28.51 to 50.14)	0.88 (0.7 to 1.05)
Federal Republic of Germany	202.55 (174.25 to 234.58)	237.71 (202.99 to 278.07)	0.51 (0.42 to 0.61)	11.56 (10.25 to 12.99)	13.4 (11.84 to 15.08)	0.46 (0.35 to 0.57)	35.64 (26.5 to 46.59)	36.04 (25.71 to 49.35)	0.09 (0.04 to 0.14)
Federal Republic of Nigeria	48.07 (39.95 to 58.36)	61.05 (51.14 to 73.28)	0.86 (0.71 to 1.01)	2.7 (2.3 to 3.19)	3.32 (2.83 to 3.84)	0.74 (0.6 to 0.87)	6.66 (4.48 to 9.56)	8.33 (5.62 to 11.91)	0.81 (0.67 to 0.95)
Federal Republic of Somalia	78.49 (68.57 to 89.91)	80.63 (71.18 to 92.04)	0.11 (0.08 to 0.13)	5.02 (4.51 to 5.57)	5.14 (4.64 to 5.66)	0.08 (0.05 to 0.11)	11.82 (7.85 to 20.53)	11.6 (7.75 to 19.55)	-0.06 (-0.08 to -0.04)
Federated States of Micronesia	56.61 (47.53 to 67)	80.61 (68.22 to 94.85)	1.11 (1.05 to 1.16)	2.9 (2.49 to 3.32)	4.04 (3.5 to 4.58)	1.04 (1 to 1.08)	7.86 (5.26 to 11.89)	10.99 (7.17 to 15.84)	1.04 (0.99 to 1.09)
Federative Republic of Brazil	167.09 (138.8 to 197.31)	165.25 (138.36 to 193.27)	0.2 (0.13 to 0.27)	7.53 (6.39 to 8.68)	7.4 (6.31 to 8.47)	0.15 (0.09 to 0.22)	28.85 (21.29 to 38.4)	28.09 (20.59 to 37.3)	0.17 (0.09 to 0.26)
French Republic	178.96 (157.03 to 204.55)	218.76 (191.21 to 251.05)	0.77 (0.67 to 0.88)	11.51 (10.36 to 12.78)	13.85 (12.37 to 15.61)	0.72 (0.6 to 0.83)	33.86 (26.28 to 43.43)	33.42 (24.5 to 44.83)	0.09 (0.01 to 0.16)
Gabonese Republic	116.18 (102.92 to 131.53)	167.29 (148.22 to 189.77)	1.24 (1.17 to 1.31)	7.09 (6.39 to 7.86)	9.86 (8.95 to 10.87)	1.11 (1.05 to 1.17)	16.92 (11.38 to 30.69)	22.61 (15.24 to 32.84)	0.98 (0.92 to 1.04)
Georgia	82.28 (67.7 to 101.67)	97.82 (82.42 to 117.66)	0.54 (0.45 to 0.63)	4.07 (3.42 to 4.84)	4.83 (4.14 to 5.63)	0.53 (0.45 to 0.62)	11.26 (7.15 to 16.52)	14.02 (9.43 to 19.91)	0.86 (0.72 to 1)
Grand Duchy of Luxembourg	204.26 (174.93 to 238)	238.41 (204.86 to 273.65)	0.59 (0.52 to 0.67)	11.78 (10.46 to 13.23)	13.8 (12.2 to 15.44)	0.6 (0.51 to 0.68)	35.75 (26.69 to 47.5)	35.21 (24.48 to 49.12)	0.1 (0.05 to 0.16)
Greenland	138.07 (118.93 to 158.48)	218.15 (194 to 245.77)	1.62 (1.59 to 1.66)	8.48 (7.49 to 9.48)	13.29 (11.97 to 14.59)	1.58 (1.55 to 1.61)	28.02 (21.29 to 36.91)	36.28 (25.98 to 48.79)	1.09 (1 to 1.18)
Grenada	70.22 (58.97 to 83.44)	107.81 (91.79 to 126.84)	1.21 (1.09 to 1.32)	3.97 (3.44 to 4.55)	5.99 (5.27 to 6.78)	1.15 (1.03 to 1.27)	13.34 (9.94 to 17.81)	18.31 (13.29 to 24.34)	1.07 (0.97 to 1.17)
Guam	57.99 (47.41 to 70.67)	79.01 (65.36 to 95.03)	1.03 (0.94 to 1.12)	2.87 (2.41 to 3.4)	3.86 (3.29 to 4.52)	0.97 (0.87 to 1.07)	8.08 (5.2 to 11.68)	10.85 (6.84 to 15.68)	0.99 (0.9 to 1.08)
Hashemite Kingdom of Jordan	71.21 (59.12 to 85.07)	109.67 (92.84 to 130.8)	1.68 (1.58 to 1.79)	3.41 (2.9 to 3.97)	5.23 (4.48 to 6.08)	1.65 (1.55 to 1.76)	10.7 (7.23 to 15.36)	15.61 (10.4 to 22.07)	1.53 (1.41 to 1.65)
Hellenic Republic	192.64 (165.72 to 219.51)	225.9 (195.09 to 257.21)	0.53 (0.51 to 0.54)	10.4 (9.07 to 11.76)	11.97 (10.46 to 13.46)	0.46 (0.44 to 0.48)	28.78 (20.31 to 39.06)	33.25 (23.03 to 45.3)	0.48 (0.41 to 0.54)
Hungary	183.04 (161.04 to 206.12)	228.38 (200.03 to 255.84)	0.74 (0.6 to 0.87)	9.79 (8.76 to 10.85)	12.18 (10.76 to 13.54)	0.72 (0.59 to 0.86)	38.64 (30.96 to 48.08)	36.47 (26.66 to 48.53)	-0.29 (-0.4 to -0.19)
Independent State of Papua New Guinea	39.11 (32.02 to 47.83)	46.34 (38.71 to 54.9)	0.47 (0.41 to 0.54)	2.03 (1.7 to 2.4)	2.39 (2.04 to 2.77)	0.46 (0.4 to 0.53)	5.54 (3.56 to 8.25)	6.49 (4.19 to 9.69)	0.44 (0.39 to 0.5)
Independent State of Samoa	61.47 (51.17 to 74.09)	77.02 (64.83 to 91.29)	0.64 (0.58 to 0.69)	3.07 (2.64 to 3.6)	3.87 (3.33 to 4.42)	0.65 (0.6 to 0.7)	8.48 (5.47 to 12.17)	10.5 (6.8 to 15.16)	0.6 (0.56 to 0.65)
Ireland	442.42 (395.96 to 491.24)	539.08 (481.75 to 605.19)	0.85 (0.7 to 1.01)	28.64 (26.23 to 31.52)	35.08 (31.79 to 38.82)	0.88 (0.74 to 1.03)	87.09 (69.15 to 109.53)	82.49 (59.97 to 110.57)	0.05 (-0.03 to 0.14)
Islamic Republic of Afghanistan	54.95 (46 to 65.17)	70.57 (59.7 to 82.2)	0.9 (0.76 to 1.04)	2.75 (2.37 to 3.18)	3.35 (2.88 to 3.8)	0.73 (0.56 to 0.9)	13.25 (8.46 to 18.24)	18.11 (12.15 to 25.26)	1.26 (1.16 to 1.35)
Islamic Republic of Iran	63.65 (52.75 to 76.04)	89.25 (74.81 to 105.83)	1.1 (1.08 to 1.13)	3.12 (2.65 to 3.63)	4.22 (3.6 to 4.88)	0.96 (0.93 to 1)	9.9 (6.84 to 13.73)	13.21 (9.17 to 18.55)	1.03 (1 to 1.06)
Islamic Republic of Mauritania	55.84 (46.61 to 66.78)	79.54 (67.1 to 94.12)	1.15 (1.05 to 1.25)	3.21 (2.78 to 3.69)	4.53 (3.94 to 5.18)	1.1 (1.01 to 1.19)	7.8 (5.03 to 11.14)	10.77 (7.08 to 15.66)	1.06 (0.96 to 1.15)
Islamic Republic of Pakistan	183.74 (158.89 to 214.48)	175.29 (149.74 to 204.67)	0.18 (0.04 to 0.31)	9.81 (8.62 to 11.12)	9.36 (8.29 to 10.6)	0.15 (0.01 to 0.28)	42.21 (31.65 to 53.67)	42.69 (30.85 to 55.08)	0.1 (0.04 to 0.16)
Jamaica	91.85 (77.43 to 107.06)	129.43 (110.37 to 149.47)	1.04 (0.95 to 1.14)	5.41 (4.77 to 6.13)	7.35 (6.51 to 8.24)	0.92 (0.83 to 1.02)	17.37 (12.96 to 22.56)	23.61 (17.64 to 31.33)	0.89 (0.76 to 1.03)
Japan	313.78 (274.11 to 363.08)	281.83 (244.62 to 326.11)	-0.18 (-0.29 to -0.07)	19.37 (16.8 to 22.3)	17.03 (14.93 to 19.33)	-0.25 (-0.35 to -0.14)	60.03 (46.97 to 77.03)	45.77 (33.52 to 61.3)	-0.85 (-0.91 to -0.79)

Kingdom of Bahrain	121.56 (102.66 to 142.81)	206.37 (178.69 to 236.57)	1.68 (1.63 to 1.74)	5.84 (5.06 to 6.73)	9.84 (8.69 to 11.15)	1.61 (1.54 to 1.67)	17 (11.67 to 24.33)	31.79 (22.96 to 43.34)	2.32 (2.17 to 2.46)
Kingdom of Belgium	232.36 (202.11 to 268.2)	263.73 (225.76 to 305.59)	0.47 (0.42 to 0.52)	13.98 (12.45 to 15.64)	15.55 (13.78 to 17.37)	0.4 (0.35 to 0.46)	39.86 (29.73 to 52.22)	39.88 (28.37 to 55.29)	-0.06 (-0.1 to -0.01)
Kingdom of Bhutan	133.67 (115.67 to 156.24)	211.35 (182.25 to 241.61)	1.63 (1.5 to 1.75)	8.46 (7.43 to 9.49)	13.26 (11.73 to 14.86)	1.56 (1.46 to 1.66)	35.34 (24.96 to 45.34)	41.41 (29.56 to 54.76)	0.53 (0.43 to 0.63)
Kingdom of Cambodia	47.75 (40.3 to 56.7)	74.47 (64.34 to 87.73)	1.47 (1.43 to 1.51)	2.78 (2.43 to 3.17)	4.4 (3.87 to 4.97)	1.48 (1.45 to 1.52)	13.63 (10.11 to 17.43)	16.36 (12.23 to 20.85)	0.57 (0.52 to 0.61)
Kingdom of Denmark	264.98 (238.06 to 293.66)	357.98 (320.62 to 400.92)	1.11 (1.05 to 1.18)	17.74 (16.28 to 19.45)	23.78 (21.63 to 26.31)	1.08 (1.03 to 1.14)	47.38 (36.48 to 60.75)	55.93 (40.76 to 74.17)	0.52 (0.43 to 0.62)
Kingdom of Eswatini	175.33 (151.84 to 199.05)	201.25 (176.86 to 228.12)	0.4 (0.24 to 0.56)	9.55 (8.47 to 10.69)	10.8 (9.69 to 11.98)	0.38 (0.22 to 0.54)	43.82 (31.2 to 56.28)	42.74 (29.1 to 57.49)	-0.13 (-0.31 to 0.04)
Kingdom of Lesotho	142.28 (122.87 to 163.41)	169.68 (148.53 to 191.53)	0.4 (0.28 to 0.51)	7.89 (7.02 to 8.8)	9.26 (8.3 to 10.19)	0.36 (0.25 to 0.47)	31.86 (23.68 to 41.45)	38.05 (26.38 to 49)	0.69 (0.53 to 0.85)
Kingdom of Morocco	59.05 (48.73 to 70.77)	89.88 (75.22 to 106.82)	1.4 (1.3 to 1.5)	2.86 (2.43 to 3.37)	4.3 (3.68 to 4.99)	1.35 (1.25 to 1.45)	10.3 (6.78 to 14.68)	15.75 (10.42 to 22.7)	1.56 (1.49 to 1.64)
Kingdom of Norway	431.24 (376.13 to 496.72)	381.88 (336.34 to 438.5)	-0.32 (-0.42 to -0.21)	27.81 (23.8 to 32.23)	24.25 (21.13 to 27.68)	-0.34 (-0.43 to -0.25)	83.11 (65.66 to 106.09)	57.83 (42.15 to 77.82)	-1.22 (-1.3 to -1.14)
Kingdom of Saudi Arabia	54.5 (45.93 to 65.99)	95.93 (79.9 to 114.11)	1.94 (1.82 to 2.07)	2.74 (2.33 to 3.23)	4.68 (3.95 to 5.47)	1.85 (1.73 to 1.97)	8.85 (6.21 to 12.12)	14.55 (10.07 to 20.55)	1.72 (1.65 to 1.8)
Kingdom of Spain	193.32 (178.57 to 206.75)	233.58 (218.66 to 247.56)	0.55 (0.49 to 0.61)	11.67 (10.8 to 12.56)	14.01 (13.16 to 14.91)	0.52 (0.45 to 0.58)	34.38 (26.26 to 44.05)	34.91 (25.29 to 46.97)	0.01 (-0.03 to 0.04)
Kingdom of Sweden	364.45 (324.11 to 410.87)	326.56 (290.46 to 371.83)	-0.34 (-0.36 to -0.31)	23.21 (20.48 to 26.29)	20.8 (18.45 to 23.46)	-0.32 (-0.34 to -0.3)	64.22 (48.8 to 81.78)	49.86 (35.57 to 66.81)	-0.88 (-0.93 to -0.82)
Kingdom of Thailand	67.18 (57.63 to 78.14)	100.26 (85.37 to 116.76)	1.38 (1.31 to 1.45)	3.8 (3.3 to 4.34)	5.54 (4.79 to 6.32)	1.31 (1.25 to 1.37)	15.47 (11.65 to 20.27)	17.64 (12.94 to 24.04)	0.39 (0.35 to 0.42)
Kingdom of the Netherlands	363.48 (321.16 to 410.07)	375.19 (329.29 to 425.86)	0.32 (0.16 to 0.48)	23.96 (21.57 to 26.7)	24.35 (21.78 to 27.48)	0.29 (0.12 to 0.45)	71.44 (55.56 to 90.07)	59.3 (43.4 to 79.15)	-0.34 (-0.45 to -0.23)
Kingdom of Tonga	57.53 (47.55 to 68.95)	74.6 (60.69 to 89.81)	0.72 (0.67 to 0.77)	2.89 (2.47 to 3.37)	3.69 (3.15 to 4.28)	0.68 (0.64 to 0.73)	7.96 (5.12 to 11.56)	10.19 (6.51 to 15.1)	0.68 (0.63 to 0.73)
Kyrgyz Republic	226.46 (198.4 to 256.29)	329.66 (293.56 to 368.09)	1.31 (1.17 to 1.45)	11.67 (10.51 to 12.94)	17.27 (15.64 to 18.89)	1.31 (1.21 to 1.41)	35.47 (25.33 to 48.18)	52.67 (38.46 to 71.36)	1.74 (1.47 to 2.02)
Lao People's Democratic Republic	48.14 (40.6 to 57.3)	71.72 (61.27 to 84.25)	1.36 (1.29 to 1.43)	2.8 (2.45 to 3.2)	4.2 (3.72 to 4.79)	1.35 (1.28 to 1.42)	13.94 (10.3 to 18.35)	15 (11.07 to 19.73)	0.17 (0.13 to 0.2)
Lebanese Republic	112.77 (94.69 to 132.43)	162.48 (137.75 to 189.59)	1.36 (1.23 to 1.48)	5.12 (4.38 to 5.97)	7.12 (6.08 to 8.22)	1.23 (1.1 to 1.35)	17.87 (12.85 to 24.41)	22.57 (15.31 to 31.58)	0.97 (0.83 to 1.11)
Malaysia	37.31 (30.66 to 45.4)	51.04 (42.63 to 60.94)	1.06 (1.02 to 1.1)	2.12 (1.79 to 2.5)	2.85 (2.45 to 3.31)	1.01 (0.97 to 1.05)	6.86 (4.97 to 9.16)	8.05 (5.51 to 11.33)	0.52 (0.46 to 0.57)
Mongolia	96.46 (82.51 to 112.41)	145.41 (124.86 to 170.18)	1.62 (1.47 to 1.77)	5.09 (4.51 to 5.74)	7.43 (6.55 to 8.37)	1.49 (1.35 to 1.63)	17.07 (12.05 to 25.83)	26.62 (18.95 to 35.33)	1.85 (1.64 to 2.05)
Montenegro	130.32 (110.6 to 155.72)	161.87 (138.73 to 191.14)	0.97 (0.8 to 1.13)	6.83 (5.85 to 7.93)	8.54 (7.35 to 9.78)	0.99 (0.83 to 1.14)	21.47 (15.74 to 29.55)	24.96 (17.9 to 34.31)	0.68 (0.57 to 0.8)
New Zealand	404.09 (355.71 to 464.38)	395.82 (347.81 to 452.63)	0.02 (-0.05 to 0.1)	25.82 (22.36 to 29.62)	25.05 (21.89 to 28.41)	0 (-0.07 to 0.06)	73.18 (57.07 to 93.09)	61.09 (44.25 to 81.29)	-0.5 (-0.62 to -0.38)
North Macedonia	89.69 (73.8 to 108.24)	125.19 (104.91 to 149.86)	1.27 (1.2 to 1.35)	4.61 (3.82 to 5.45)	6.47 (5.52 to 7.49)	1.29 (1.21 to 1.37)	13.87 (9.46 to 19.68)	17.48 (11.77 to 24.73)	0.9 (0.81 to 0.99)
Northern Mariana Islands	72.86 (60.48 to 87.89)	86.02 (70.34 to 102.47)	0.35 (0.24 to 0.45)	3.67 (3.13 to 4.29)	4.26 (3.64 to 4.89)	0.29 (0.18 to 0.4)	10.34 (6.66 to 15.14)	11.99 (8.01 to 17.08)	0.34 (0.21 to 0.47)
Palestine	75.61 (62.41 to 90.2)	105.55 (89.41 to 124.71)	1.05 (0.96 to 1.14)	3.58 (3.02 to 4.18)	5.14 (4.41 to 5.94)	1.17 (1.08 to 1.25)	12.63 (9.02 to 17.53)	15.42 (10.5 to 21.15)	0.64 (0.54 to 0.74)
People's Democratic Republic of Algeria	51 (42.51 to 60.26)	79.52 (67.26 to 92.94)	1.55 (1.46 to 1.65)	2.56 (2.19 to 2.97)	3.98 (3.42 to 4.6)	1.54 (1.45 to 1.62)	8.33 (5.92 to 11.43)	12.56 (8.8 to 17.31)	1.5 (1.43 to 1.57)
People's Republic of Bangladesh	87.24 (74.12 to 100.81)	140.23 (119.99 to 161.39)	1.75 (1.56 to 1.95)	5.18 (4.58 to 5.89)	8.05 (7.07 to 9.03)	1.62 (1.43 to 1.81)	27.33 (19.81 to 35.65)	29 (21.71 to 38.12)	0.23 (0.15 to 0.31)
People's Republic of China	205.7 (177.56 to 238.18)	240.7 (210.77 to 277.95)	0.59 (0.55 to 0.62)	11.59 (10.15 to 13.15)	13.7 (12.12 to 15.55)	0.61 (0.59 to 0.64)	42.37 (33.04 to 54.32)	42.19 (31.3 to 55.45)	0.17 (0.05 to 0.29)

Plurinational State of Bolivia	191.68 (167.2 to 218.17)	308.39 (269.71 to 347.71)	1.61 (1.59 to 1.64)	11.08 (9.97 to 12.33)	17.23 (15.63 to 19.11)	1.47 (1.44 to 1.49)	46.66 (37.64 to 58.69)	57.32 (42.61 to 73.59)	0.68 (0.66 to 0.69)
Portuguese Republic	186.19 (162.29 to 212.42)	272.16 (237.24 to 310.07)	1.27 (1.14 to 1.39)	10.52 (9.41 to 11.62)	15.03 (13.35 to 16.58)	1.2 (1.08 to 1.31)	35.66 (27.53 to 45.72)	41.79 (29.77 to 55.71)	0.63 (0.57 to 0.68)
Principality of Andorra	148.19 (124.13 to 174.58)	169.03 (140.95 to 197.33)	0.53 (0.49 to 0.57)	7.96 (6.81 to 9.16)	8.88 (7.58 to 10.18)	0.44 (0.4 to 0.47)	21.47 (14.44 to 30)	23.3 (15.39 to 33.03)	0.38 (0.33 to 0.43)
Principality of Monaco	154.82 (129.73 to 185.41)	170.9 (142.61 to 200.59)	0.43 (0.32 to 0.55)	8.13 (7.01 to 9.5)	8.82 (7.56 to 10.21)	0.38 (0.26 to 0.51)	21.36 (14.31 to 30.29)	23.31 (15.35 to 33.24)	0.39 (0.29 to 0.5)
Puerto Rico	138.04 (117.87 to 160.31)	217.31 (185.64 to 256.22)	1.53 (1.45 to 1.62)	7.8 (6.94 to 8.81)	11.72 (10.32 to 13.39)	1.38 (1.31 to 1.46)	27.67 (21.23 to 36.17)	35.07 (25.33 to 47.63)	0.76 (0.67 to 0.85)
Republic of Albania	94.59 (79.78 to 114.02)	156.6 (132.78 to 183.48)	1.86 (1.79 to 1.94)	5.06 (4.32 to 5.87)	8.39 (7.29 to 9.65)	1.86 (1.79 to 1.94)	20.46 (15.58 to 26.5)	24.15 (16.85 to 33.49)	0.74 (0.64 to 0.84)
Republic of Angola	84.95 (74.87 to 96.7)	111.18 (97.73 to 125.01)	0.98 (0.88 to 1.07)	5.31 (4.75 to 5.87)	6.72 (6.06 to 7.45)	0.86 (0.77 to 0.95)	12.69 (8.23 to 26.18)	15.4 (10.18 to 23.72)	0.71 (0.63 to 0.8)
Republic of Armenia	75.71 (62.62 to 90.87)	114.82 (97.36 to 135.02)	1.48 (1.43 to 1.54)	3.79 (3.21 to 4.47)	5.66 (4.86 to 6.51)	1.43 (1.38 to 1.48)	10.44 (6.77 to 15.36)	17.32 (12.08 to 24)	1.98 (1.76 to 2.2)
Republic of Austria	257.7 (226.12 to 291.36)	271.64 (235.41 to 312.07)	0.24 (0.11 to 0.37)	14.92 (13.4 to 16.59)	15.41 (13.75 to 17.24)	0.19 (0.05 to 0.33)	45.35 (34.47 to 58.46)	40.31 (28.34 to 54.36)	-0.27 (-0.34 to -0.19)
Republic of Azerbaijan	66.67 (55.37 to 80.52)	85.37 (70.62 to 103.65)	1.1 (0.82 to 1.39)	3.32 (2.78 to 3.94)	4.2 (3.58 to 4.96)	1.05 (0.78 to 1.33)	9.18 (6.09 to 13.4)	11.77 (7.68 to 16.89)	1.09 (0.84 to 1.34)
Republic of Belarus	82.95 (69.26 to 98.65)	127.44 (107.82 to 151.79)	1.47 (1.33 to 1.6)	4.1 (3.43 to 4.77)	6.32 (5.42 to 7.38)	1.47 (1.34 to 1.6)	11.66 (7.8 to 16.84)	17.48 (11.46 to 25.3)	1.35 (1.22 to 1.47)
Republic of Benin	50.75 (41.97 to 61.48)	64.52 (53.71 to 76.65)	0.83 (0.76 to 0.91)	2.96 (2.56 to 3.44)	3.64 (3.15 to 4.15)	0.71 (0.64 to 0.79)	7 (4.65 to 10.07)	8.77 (5.68 to 12.54)	0.77 (0.7 to 0.84)
Republic of Botswana	138.02 (118.24 to 158.29)	186.56 (162.93 to 213)	1.07 (0.92 to 1.22)	7.74 (6.9 to 8.67)	10.14 (9.02 to 11.36)	0.96 (0.82 to 1.1)	33.14 (24 to 42.65)	33.23 (24.33 to 43.92)	0.04 (-0.09 to 0.18)
Republic of Bulgaria	98.04 (82.51 to 116.81)	123.3 (105.02 to 144.8)	0.76 (0.62 to 0.9)	4.94 (4.18 to 5.76)	6.27 (5.42 to 7.22)	0.79 (0.65 to 0.93)	16.09 (11.87 to 22.18)	17.99 (12.45 to 25.16)	0.29 (0.1 to 0.48)
Republic of Burundi	71.98 (63.03 to 82.57)	77.88 (68.22 to 89.93)	0.34 (0.28 to 0.39)	4.61 (4.13 to 5.23)	4.94 (4.42 to 5.51)	0.29 (0.24 to 0.34)	10.58 (7.06 to 18.06)	10.89 (7.36 to 16)	0.13 (0.09 to 0.18)
Republic of Cabo Verde	53.02 (44.47 to 64.04)	72.45 (61.16 to 86.3)	1.13 (1.04 to 1.23)	2.95 (2.51 to 3.4)	3.95 (3.41 to 4.55)	1.06 (0.96 to 1.15)	7.32 (4.68 to 10.49)	9.77 (6.48 to 14.38)	1.06 (0.96 to 1.16)
Republic of Cameroon	59.8 (49.91 to 72.06)	72.73 (60.33 to 86.74)	0.67 (0.5 to 0.83)	3.42 (2.94 to 3.95)	4.08 (3.55 to 4.69)	0.6 (0.45 to 0.76)	8.21 (5.34 to 11.77)	9.85 (6.39 to 14.12)	0.6 (0.44 to 0.76)
Republic of Chad	43.6 (36.02 to 52.93)	48.88 (41.12 to 58.24)	0.42 (0.29 to 0.55)	2.58 (2.22 to 2.99)	2.88 (2.5 to 3.31)	0.41 (0.29 to 0.53)	6.07 (4.08 to 8.83)	6.78 (4.55 to 9.69)	0.38 (0.26 to 0.5)
Republic of Chile	216.84 (190.52 to 245.64)	379.05 (338 to 424.84)	1.84 (1.75 to 1.92)	12.69 (11.39 to 14.05)	21.64 (19.52 to 24.14)	1.76 (1.69 to 1.83)	49.4 (39.85 to 60.78)	60.56 (44.58 to 80.56)	0.85 (0.73 to 0.97)
Republic of Colombia	159.42 (139.03 to 181.42)	243.59 (213.54 to 275.69)	1.38 (1.24 to 1.53)	9.03 (8.07 to 10.05)	13.18 (11.83 to 14.63)	1.25 (1.11 to 1.38)	38.25 (30.87 to 46.96)	43.07 (32.29 to 56.72)	0.54 (0.38 to 0.7)
Republic of Costa Rica	219.57 (192.79 to 250.09)	363.41 (322.21 to 411.13)	1.54 (1.47 to 1.61)	12.72 (11.45 to 14.19)	20.46 (18.36 to 22.68)	1.45 (1.38 to 1.52)	43.71 (33.62 to 56.69)	62 (45.79 to 81.99)	1.02 (0.95 to 1.09)
Republic of Croatia	174.9 (149.31 to 204.88)	271.62 (235.37 to 307.58)	1.47 (1.44 to 1.5)	9.06 (7.87 to 10.37)	14.5 (12.74 to 16.41)	1.55 (1.52 to 1.59)	32.99 (25.28 to 43.73)	41.12 (28.65 to 56.42)	0.7 (0.58 to 0.82)
Republic of Cuba	143.78 (123.68 to 165.8)	206.01 (178.6 to 236.86)	1.14 (1.08 to 1.21)	7.84 (6.96 to 8.83)	10.81 (9.61 to 12.12)	1.01 (0.95 to 1.07)	28.25 (21.32 to 36.46)	35.99 (27.18 to 47.89)	0.7 (0.64 to 0.76)
Republic of Cyprus	300.65 (261.52 to 341.14)	380.51 (332.7 to 429.6)	1.05 (0.88 to 1.22)	19.53 (17.36 to 21.82)	24.58 (22.04 to 27.39)	1.05 (0.88 to 1.21)	71.12 (55.33 to 89.15)	61.12 (45.12 to 80.36)	-0.36 (-0.45 to -0.27)
Republic of Côte d'Ivoire	51.4 (42.71 to 61.33)	65.25 (54.69 to 77.57)	0.81 (0.69 to 0.94)	3.03 (2.61 to 3.52)	3.77 (3.27 to 4.3)	0.74 (0.62 to 0.86)	7.08 (4.54 to 10.55)	8.82 (5.85 to 12.52)	0.75 (0.63 to 0.87)
Republic of Djibouti	71.98 (62.88 to 83.92)	90.95 (79.23 to 105.09)	0.8 (0.68 to 0.92)	4.66 (4.13 to 5.27)	5.72 (5.06 to 6.41)	0.7 (0.59 to 0.81)	10.32 (6.82 to 15.63)	12.56 (8.4 to 17.87)	0.66 (0.55 to 0.77)
Republic of Ecuador	199.87 (176.78 to 226.89)	328.58 (290.45 to 368.91)	1.53 (1.44 to 1.63)	12.46 (11.33 to 13.74)	19.4 (17.68 to 21.42)	1.35 (1.26 to 1.44)	47.04 (38.32 to 57.36)	55.77 (41.13 to 72.54)	0.46 (0.31 to 0.61)
Republic of El Salvador	95.68 (80.97 to 111.62)	152.47 (131.88 to 177.36)	1.58 (1.46 to 1.7)	5.42 (4.71 to 6.16)	8.32 (7.33 to 9.44)	1.46 (1.35 to 1.57)	18.23 (13.58 to 24.76)	24.63 (17.62 to 33.34)	1.04 (0.99 to 1.1)

Republic of Equatorial Guinea	86.75 (75.83 to 99.01)	155.44 (137.26 to 176.62)	2.31 (2.13 to 2.49)	5.4 (4.83 to 6.01)	9.04 (8.08 to 10.12)	2.03 (1.87 to 2.18)	13.15 (8.79 to 31.42)	20.99 (14.27 to 30.24)	1.89 (1.73 to 2.04)
Republic of Estonia	279.65 (250.18 to 316.59)	355.21 (315.79 to 399.9)	1.15 (1 to 1.31)	13.86 (12.44 to 15.43)	17.72 (15.93 to 19.7)	1.14 (0.99 to 1.29)	58.92 (45.61 to 73.9)	64.26 (48.38 to 83.36)	0.24 (0.1 to 0.38)
Republic of Fiji	41.58 (33.04 to 51.14)	51.84 (42.29 to 63.83)	0.72 (0.59 to 0.84)	2.08 (1.69 to 2.5)	2.52 (2.1 to 3.05)	0.65 (0.51 to 0.79)	5.86 (3.65 to 8.61)	7.23 (4.6 to 10.66)	0.68 (0.57 to 0.8)
Republic of Finland	363.73 (327.33 to 404.48)	458.5 (414.25 to 513.17)	0.93 (0.84 to 1.02)	22.77 (20.86 to 24.87)	28.33 (25.67 to 31.39)	0.88 (0.81 to 0.96)	82.15 (66.22 to 101.77)	74.52 (55.66 to 98.81)	-0.31 (-0.34 to -0.28)
Republic of Ghana	46.93 (38.27 to 57.02)	67.82 (56.28 to 81.19)	1.22 (1.1 to 1.33)	2.72 (2.29 to 3.21)	3.8 (3.27 to 4.44)	1.08 (0.97 to 1.19)	6.51 (4.15 to 9.55)	9.86 (6.39 to 14.1)	1.57 (1.43 to 1.72)
Republic of Guatemala	108.63 (93.88 to 124)	196.6 (174.49 to 224)	1.82 (1.68 to 1.95)	6.7 (5.97 to 7.45)	11.61 (10.5 to 12.73)	1.67 (1.54 to 1.79)	29.62 (24.67 to 35.87)	38.66 (30.14 to 48.94)	0.91 (0.77 to 1.05)
Republic of Guinea	47.91 (39.79 to 57.53)	56.57 (47.74 to 67.71)	0.53 (0.44 to 0.63)	2.83 (2.44 to 3.26)	3.28 (2.85 to 3.78)	0.5 (0.4 to 0.59)	6.67 (4.39 to 9.82)	7.74 (4.99 to 11.14)	0.49 (0.4 to 0.58)
Republic of Guinea-Bissau	47.84 (40.32 to 57.59)	57.88 (48.78 to 69.68)	0.63 (0.53 to 0.74)	2.83 (2.44 to 3.26)	3.35 (2.91 to 3.85)	0.56 (0.46 to 0.67)	6.7 (4.4 to 9.85)	7.94 (5.21 to 11.52)	0.55 (0.45 to 0.66)
Republic of Guyana	63.32 (53.1 to 76.13)	87.42 (73.88 to 103.73)	0.96 (0.89 to 1.02)	3.6 (3.1 to 4.15)	4.88 (4.26 to 5.56)	0.89 (0.82 to 0.97)	8.9 (5.87 to 13.1)	15.35 (11.42 to 20.39)	1.42 (1.03 to 1.82)
Republic of Haiti	78.93 (68.52 to 90.84)	98.31 (86.06 to 112.35)	0.71 (0.65 to 0.76)	4.84 (4.34 to 5.41)	5.81 (5.23 to 6.43)	0.59 (0.55 to 0.63)	26.84 (19.03 to 37.31)	25.45 (17.89 to 37.57)	-0.12 (-0.16 to -0.08)
Republic of Honduras	232.68 (208.52 to 260.86)	368.31 (335.42 to 403.52)	1.39 (1.31 to 1.47)	13.7 (12.51 to 15.03)	20.92 (19.06 to 22.9)	1.28 (1.21 to 1.35)	59.75 (45.7 to 77.4)	81.42 (63.33 to 105.19)	0.97 (0.88 to 1.05)
Republic of Iceland	234.81 (200.94 to 272.81)	275.2 (236.58 to 319.89)	0.58 (0.52 to 0.64)	13.65 (11.98 to 15.41)	15.82 (13.98 to 17.85)	0.52 (0.46 to 0.58)	40.68 (29.94 to 54.75)	41.15 (28.94 to 56.37)	0.17 (0.12 to 0.22)
Republic of India	148.83 (129.7 to 173.4)	216.1 (190.08 to 248.13)	1.32 (1.2 to 1.43)	10.61 (9.28 to 12.1)	14.82 (13.07 to 16.89)	1.17 (1.08 to 1.25)	34.73 (26.41 to 44.44)	40.88 (31.65 to 51.51)	0.6 (0.52 to 0.69)
Republic of Indonesia	36.17 (29.54 to 44.3)	46.19 (38.7 to 55.4)	0.74 (0.69 to 0.78)	2.05 (1.75 to 2.43)	2.69 (2.31 to 3.12)	0.78 (0.72 to 0.83)	7.26 (5.21 to 9.97)	9.06 (6.46 to 12.14)	0.7 (0.68 to 0.73)
Republic of Iraq	74.35 (61.71 to 89.89)	104.95 (87.42 to 123.68)	1.3 (1.12 to 1.47)	3.53 (2.99 to 4.14)	5.04 (4.23 to 5.74)	1.34 (1.17 to 1.51)	11.27 (7.68 to 15.68)	14.6 (9.99 to 20.44)	0.96 (0.8 to 1.12)
Republic of Italy	244.99 (210.55 to 287.56)	240.46 (207.85 to 280.98)	-0.03 (-0.05 to -0.01)	14.75 (12.75 to 16.93)	14.84 (12.99 to 16.96)	0.05 (0.04 to 0.07)	40.72 (30.16 to 53.5)	37.75 (27.68 to 50.63)	-0.3 (-0.33 to -0.27)
Republic of Kazakhstan	75.82 (62.94 to 92.89)	104.69 (86.57 to 124.15)	1.29 (1.04 to 1.55)	3.74 (3.13 to 4.42)	5.14 (4.36 to 5.99)	1.28 (1.03 to 1.53)	10.47 (6.77 to 15.38)	18.27 (13.37 to 24.74)	1.82 (1.3 to 2.34)
Republic of Kenya	79.67 (68.66 to 94.08)	90.38 (78.43 to 105.67)	0.35 (0.27 to 0.43)	5.15 (4.48 to 5.95)	5.79 (5.12 to 6.62)	0.3 (0.23 to 0.37)	11.17 (7.51 to 16.44)	12.42 (8.44 to 18.19)	0.31 (0.23 to 0.39)
Republic of Kiribati	41.52 (34.27 to 50.61)	49.37 (41.55 to 59.26)	0.49 (0.44 to 0.55)	2.08 (1.76 to 2.46)	2.43 (2.08 to 2.85)	0.46 (0.41 to 0.51)	5.85 (3.79 to 8.86)	6.91 (4.47 to 9.98)	0.47 (0.42 to 0.52)
Republic of Korea	167.54 (148.74 to 185.96)	237.67 (211.31 to 264.37)	1.29 (1.14 to 1.43)	9.77 (8.82 to 10.71)	14.35 (12.97 to 15.86)	1.43 (1.26 to 1.6)	37.53 (29.66 to 47.67)	35.49 (25.2 to 47.56)	-0.12 (-0.16 to -0.08)
Republic of Latvia	213.5 (188.09 to 240.56)	265.76 (234.33 to 297.24)	0.81 (0.73 to 0.89)	10.44 (9.39 to 11.6)	13.07 (11.67 to 14.44)	0.8 (0.73 to 0.88)	44.92 (35.43 to 56.84)	50.43 (38.62 to 65.19)	0.14 (-0.09 to 0.37)
Republic of Liberia	51.86 (43.11 to 62.77)	66.4 (55.27 to 78.94)	1.04 (0.87 to 1.21)	2.99 (2.57 to 3.48)	3.73 (3.2 to 4.26)	0.9 (0.75 to 1.05)	7.11 (4.67 to 10.41)	8.87 (5.76 to 12.7)	0.95 (0.79 to 1.11)
Republic of Lithuania	262.21 (233.31 to 294.94)	315.04 (281.51 to 355.59)	0.58 (0.54 to 0.62)	12.6 (11.39 to 13.96)	15.3 (13.8 to 17.03)	0.61 (0.58 to 0.64)	54.96 (42.6 to 69.53)	63.55 (49.07 to 81.41)	0.2 (0.03 to 0.37)
Republic of Madagascar	63.25 (54.37 to 73.8)	75.05 (65.69 to 86.92)	0.55 (0.5 to 0.59)	4.03 (3.59 to 4.58)	4.72 (4.19 to 5.3)	0.49 (0.45 to 0.53)	9.2 (6.13 to 14.59)	10.4 (7.12 to 15.06)	0.4 (0.35 to 0.45)
Republic of Malawi	76.49 (66.25 to 88.02)	94.57 (83.08 to 108.77)	0.74 (0.66 to 0.81)	4.91 (4.41 to 5.54)	5.94 (5.33 to 6.63)	0.66 (0.59 to 0.73)	11 (7.09 to 18.06)	13.15 (9.01 to 19.44)	0.6 (0.54 to 0.65)
Republic of Maldives	75.41 (64.1 to 87.85)	105 (90.61 to 122.08)	1.33 (0.99 to 1.67)	4.29 (3.8 to 4.83)	5.7 (5.01 to 6.43)	1.15 (0.83 to 1.47)	17.79 (13.25 to 22.92)	17.23 (12.52 to 23.41)	0.03 (-0.15 to 0.22)
Republic of Mali	44.23 (36.73 to 53.12)	54.06 (45.15 to 64.48)	0.73 (0.64 to 0.82)	2.6 (2.22 to 3.02)	3.1 (2.66 to 3.55)	0.65 (0.57 to 0.74)	6.22 (4 to 8.94)	7.44 (4.87 to 10.66)	0.65 (0.57 to 0.74)
Republic of Malta	190.59 (162.81 to 219.55)	227.49 (195.25 to 264.88)	0.57 (0.5 to 0.65)	10.96 (9.65 to 12.34)	12.88 (11.35 to 14.51)	0.53 (0.46 to 0.6)	33.69 (24.89 to 44.18)	34.54 (24.2 to 47.95)	0.09 (0.04 to 0.13)

Republic of Mauritius	62.95 (53.48 to 75.79)	95.77 (81.01 to 113.37)	1.21 (1.14 to 1.28)	3.62 (3.12 to 4.21)	5.42 (4.72 to 6.19)	1.12 (1.04 to 1.2)	8.83 (5.8 to 12.83)	18.98 (14.43 to 24.8)	1.81 (1.24 to 2.39)
Republic of Moldova	86.86 (72.2 to 102.86)	124.72 (106.05 to 147.47)	1.23 (1.06 to 1.4)	4.28 (3.63 to 4.94)	6.08 (5.26 to 7.06)	1.18 (1.02 to 1.35)	15.65 (11.52 to 21.4)	22.25 (16.48 to 30.07)	0.82 (0.59 to 1.05)
Republic of Mozambique	71.35 (62.37 to 82.95)	87.46 (76.89 to 100.33)	0.58 (0.54 to 0.63)	4.64 (4.15 to 5.2)	5.55 (4.97 to 6.18)	0.5 (0.46 to 0.54)	10.33 (6.88 to 17.75)	12.14 (8.3 to 18.38)	0.47 (0.43 to 0.51)
Republic of Namibia	128.5 (110.68 to 147.41)	164.8 (142.66 to 190.32)	0.86 (0.75 to 0.98)	7.26 (6.46 to 8.1)	9.19 (8.2 to 10.23)	0.82 (0.7 to 0.93)	31.5 (23.32 to 41.55)	32.45 (23.5 to 44.46)	-0.06 (-0.16 to 0.04)
Republic of Nauru	61.87 (51.47 to 73.45)	82.61 (69.28 to 97.08)	0.82 (0.62 to 1.01)	3.2 (2.73 to 3.68)	4.16 (3.61 to 4.72)	0.73 (0.55 to 0.91)	8.53 (5.55 to 12.25)	11.22 (7.56 to 16.21)	0.77 (0.58 to 0.96)
Republic of Nicaragua	164.8 (144.83 to 185.79)	240.95 (213.63 to 272.54)	1.34 (1.29 to 1.38)	10.4 (9.38 to 11.49)	14.64 (13.33 to 16.18)	1.2 (1.17 to 1.23)	35.68 (27.93 to 45.75)	42.5 (31.84 to 54.48)	0.7 (0.62 to 0.77)
Republic of Niue	58.34 (48.33 to 70.12)	80.56 (67.39 to 96.93)	1.05 (1.03 to 1.07)	2.93 (2.52 to 3.42)	3.99 (3.4 to 4.61)	0.99 (0.97 to 1.02)	8.04 (5.26 to 11.72)	10.93 (7.11 to 15.84)	1 (0.99 to 1.02)
Republic of Palau	66.5 (55.37 to 79.05)	87.48 (72.77 to 103.36)	0.81 (0.77 to 0.86)	3.36 (2.88 to 3.87)	4.32 (3.69 to 4.96)	0.73 (0.7 to 0.77)	9.23 (5.95 to 13.49)	11.82 (7.75 to 17.25)	0.73 (0.69 to 0.77)
Republic of Panama	136.5 (118.09 to 157.38)	188.7 (164.34 to 216.42)	1.03 (1 to 1.06)	7.87 (7 to 8.86)	10.54 (9.41 to 11.83)	0.93 (0.9 to 0.95)	27.06 (20.97 to 35.04)	33.03 (24.55 to 43.93)	0.57 (0.51 to 0.63)
Republic of Paraguay	181.53 (154.08 to 212.82)	310.17 (270.34 to 354.51)	1.51 (1.39 to 1.64)	8.9 (7.78 to 10.15)	15.15 (13.56 to 17.05)	1.48 (1.34 to 1.61)	33.05 (24.45 to 44.81)	56.3 (42.43 to 74.35)	1.74 (1.6 to 1.87)
Republic of Peru	310.13 (271.04 to 349.21)	520.62 (457.53 to 587.32)	1.9 (1.79 to 2.01)	14.82 (13.15 to 16.56)	24.36 (21.56 to 27.12)	1.82 (1.72 to 1.92)	53.62 (39.82 to 69.54)	77.39 (54.14 to 103.87)	1.25 (1.15 to 1.36)
Republic of Poland	274.6 (237.32 to 314.54)	255.76 (222.53 to 293.28)	-0.11 (-0.21 to -0.02)	14.18 (12.4 to 16.14)	13.36 (11.77 to 15.08)	-0.07 (-0.16 to 0.02)	63.81 (52.33 to 78.38)	41.88 (30.93 to 56.18)	-1.34 (-1.5 to -1.19)
Republic of Rwanda	78.8 (68.81 to 90.43)	103.63 (90.82 to 118.42)	1.13 (1 to 1.27)	5.03 (4.53 to 5.59)	6.46 (5.77 to 7.17)	1.03 (0.91 to 1.14)	11.67 (7.73 to 21.88)	14.25 (9.75 to 20.4)	0.8 (0.68 to 0.92)
Republic of San Marino	147.99 (122.79 to 178.32)	162.39 (136.57 to 192.21)	0.42 (0.34 to 0.51)	7.89 (6.77 to 9.25)	8.39 (7.11 to 9.72)	0.31 (0.21 to 0.41)	23.06 (16.1 to 32.29)	23.19 (15.87 to 32.59)	0.19 (0.09 to 0.29)
Republic of Senegal	51.74 (42.81 to 62.06)	64.81 (53.86 to 77.51)	0.7 (0.62 to 0.78)	3.04 (2.6 to 3.5)	3.73 (3.2 to 4.28)	0.63 (0.56 to 0.7)	7.18 (4.65 to 10.43)	8.78 (5.84 to 12.53)	0.62 (0.54 to 0.7)
Republic of Serbia	109.89 (100.39 to 119.36)	167.33 (143.69 to 191.04)	1.39 (1.24 to 1.54)	6.03 (5.48 to 6.64)	8.98 (7.93 to 10.22)	1.35 (1.23 to 1.47)	21.6 (16.54 to 27.49)	26.2 (18.72 to 36.05)	0.56 (0.41 to 0.71)
Republic of Seychelles	47.88 (39.13 to 58.33)	64.64 (53.49 to 77.14)	0.94 (0.9 to 0.98)	2.55 (2.16 to 3)	3.39 (2.9 to 3.94)	0.9 (0.85 to 0.94)	7.44 (5.07 to 10.82)	9.37 (6.28 to 13.39)	0.75 (0.71 to 0.79)
Republic of Sierra Leone	48.01 (40.08 to 57.82)	56.72 (47.49 to 68.42)	0.54 (0.42 to 0.66)	2.83 (2.41 to 3.28)	3.28 (2.85 to 3.77)	0.47 (0.35 to 0.58)	6.66 (4.3 to 9.85)	7.75 (5.01 to 11.21)	0.49 (0.37 to 0.61)
Republic of Singapore	110.91 (94 to 130.45)	148.08 (126.09 to 176.04)	1.03 (0.97 to 1.1)	6.18 (5.36 to 7.09)	8.25 (7.1 to 9.53)	1.06 (0.99 to 1.12)	18.33 (13.33 to 24.97)	20.9 (13.94 to 29.74)	0.49 (0.45 to 0.53)
Republic of Slovenia	222.91 (193.87 to 252.81)	314.57 (274.16 to 360.56)	1.31 (1.23 to 1.38)	12.01 (10.72 to 13.44)	17.37 (15.4 to 19.44)	1.4 (1.31 to 1.49)	47.5 (37.58 to 59.91)	47.88 (34.02 to 65.39)	0 (-0.17 to 0.17)
Republic of South Africa	346.02 (303.11 to 391.8)	300.25 (263.26 to 339.97)	-0.3 (-0.38 to -0.22)	17.17 (15.2 to 19.27)	15.26 (13.52 to 17.11)	-0.23 (-0.32 to -0.14)	73.23 (57.43 to 92.32)	56.39 (43.09 to 71.67)	-1 (-1.14 to -0.85)
Republic of South Sudan	68.42 (59.15 to 80.33)	80.76 (69.84 to 93.02)	0.6 (0.54 to 0.65)	4.34 (3.84 to 4.89)	5 (4.45 to 5.61)	0.52 (0.47 to 0.57)	9.84 (6.55 to 15.76)	11.18 (7.4 to 16.5)	0.47 (0.41 to 0.53)
Republic of Sudan	49.73 (41.39 to 59.45)	76.68 (64.36 to 90.36)	1.5 (1.35 to 1.66)	2.47 (2.08 to 2.88)	3.73 (3.19 to 4.32)	1.43 (1.3 to 1.57)	9.14 (6.22 to 12.68)	13.3 (9.29 to 18.11)	1.41 (1.31 to 1.51)
Republic of Suriname	66.33 (55.24 to 78.83)	85.31 (71.49 to 101.68)	0.92 (0.83 to 1)	3.84 (3.33 to 4.41)	4.78 (4.15 to 5.51)	0.81 (0.73 to 0.88)	12.04 (8.88 to 16.25)	13.66 (9.81 to 18.86)	0.48 (0.4 to 0.56)
Republic of Tajikistan	115.71 (99.68 to 132.56)	149.27 (130.09 to 173.13)	0.71 (0.66 to 0.77)	6.07 (5.33 to 6.84)	7.96 (7.14 to 8.93)	0.78 (0.73 to 0.84)	16.16 (10.85 to 22.68)	22.13 (15.35 to 30.86)	0.95 (0.91 to 0.99)
Republic of the Congo	115.5 (101.86 to 130.6)	146.05 (129.65 to 166.05)	0.88 (0.79 to 0.97)	6.93 (6.23 to 7.65)	8.64 (7.8 to 9.6)	0.85 (0.75 to 0.94)	17.07 (11.43 to 33.24)	20.01 (13.94 to 30.13)	0.61 (0.53 to 0.69)
Republic of the Gambia	49.77 (41.33 to 60.19)	64.19 (54.25 to 76.98)	0.9 (0.82 to 0.99)	2.94 (2.53 to 3.43)	3.69 (3.23 to 4.23)	0.8 (0.72 to 0.88)	6.92 (4.52 to 10.46)	8.68 (5.74 to 12.32)	0.82 (0.74 to 0.89)
Republic of the Marshall Islands	50.74 (42.25 to 60.3)	66.75 (56.69 to 78.23)	0.85 (0.78 to 0.92)	2.64 (2.28 to 3.02)	3.44 (2.99 to 3.9)	0.82 (0.76 to 0.88)	7.03 (4.57 to 10.41)	9.13 (6.07 to 13.19)	0.79 (0.72 to 0.85)

Republic of the Niger	42.63 (35.16 to 51.99)	50.62 (42.26 to 60.87)	0.67 (0.58 to 0.76)	2.52 (2.14 to 2.93)	2.92 (2.53 to 3.35)	0.58 (0.5 to 0.67)	6.01 (3.9 to 8.66)	7.01 (4.5 to 10.19)	0.61 (0.52 to 0.7)
Republic of the Philippines	99.37 (84.8 to 117.56)	89.54 (76.91 to 106.05)	-0.11 (-0.19 to -0.04)	5.78 (5.05 to 6.67)	5.33 (4.71 to 6.11)	-0.11 (-0.16 to -0.06)	20.81 (15.93 to 26.87)	17.74 (13.69 to 22.75)	-0.38 (-0.45 to -0.32)
Republic of the Union of Myanmar	49.08 (41.72 to 58.08)	76.41 (65.57 to 88.76)	1.51 (1.42 to 1.6)	2.84 (2.5 to 3.2)	4.44 (3.89 to 5.02)	1.48 (1.4 to 1.56)	13.1 (9.76 to 16.89)	15 (11.14 to 20.02)	0.33 (0.29 to 0.37)
Republic of Trinidad and Tobago	155.13 (134.73 to 177.15)	209.21 (184.23 to 238.55)	1.13 (1.06 to 1.2)	9.36 (8.44 to 10.38)	12.17 (11.1 to 13.4)	1 (0.93 to 1.07)	41.45 (34.88 to 50.24)	42.18 (32.6 to 53.98)	0.03 (-0.07 to 0.12)
Republic of Tunisia	65.12 (53.95 to 77.8)	98.99 (82.28 to 117.36)	1.48 (1.37 to 1.59)	3.14 (2.64 to 3.69)	4.7 (4 to 5.47)	1.43 (1.32 to 1.54)	9.96 (6.81 to 13.62)	14.81 (9.9 to 20.77)	1.46 (1.38 to 1.54)
Republic of Turkey	137.9 (122.04 to 155.73)	221.59 (197.69 to 245.76)	1.69 (1.63 to 1.75)	6.77 (6.06 to 7.61)	10.88 (9.76 to 12.08)	1.72 (1.65 to 1.78)	31.4 (24.55 to 40.51)	35.46 (25.94 to 47.08)	0.53 (0.4 to 0.66)
Republic of Uganda	72.42 (63 to 84.24)	91.94 (80.19 to 105.21)	0.86 (0.76 to 0.97)	4.66 (4.14 to 5.29)	5.77 (5.16 to 6.52)	0.78 (0.68 to 0.88)	10.3 (6.81 to 15.12)	12.65 (8.37 to 18.35)	0.72 (0.63 to 0.8)
Republic of Uzbekistan	238.79 (210.48 to 267.58)	294.56 (259.4 to 330.71)	0.85 (0.75 to 0.95)	11.4 (10.13 to 12.74)	14.03 (12.48 to 15.6)	0.83 (0.72 to 0.93)	32.4 (21.71 to 45.12)	44.99 (31.69 to 61.11)	1.38 (1.19 to 1.57)
Republic of Vanuatu	47.57 (39.18 to 56.9)	60.47 (50.84 to 71.24)	0.75 (0.71 to 0.78)	2.48 (2.13 to 2.87)	3.1 (2.68 to 3.53)	0.68 (0.64 to 0.71)	6.64 (4.34 to 9.74)	8.3 (5.51 to 12.06)	0.7 (0.67 to 0.73)
Republic of Yemen	46.23 (38.44 to 55.14)	60.4 (50.45 to 71.73)	1.02 (0.93 to 1.11)	2.3 (1.94 to 2.68)	2.97 (2.56 to 3.43)	1 (0.91 to 1.09)	8.15 (5.81 to 11.23)	11.02 (7.95 to 15.26)	1.18 (1.09 to 1.26)
Republic of Zambia	74.47 (65.11 to 86.04)	96.07 (84.11 to 110.08)	0.88 (0.72 to 1.03)	4.53 (4.04 to 5)	5.79 (5.18 to 6.45)	0.86 (0.71 to 1.01)	10.84 (7.18 to 18.23)	13.2 (8.74 to 18.88)	0.64 (0.5 to 0.78)
Republic of Zimbabwe	101.04 (86.23 to 117.4)	103.18 (88.88 to 118.88)	-0.25 (-0.41 to -0.09)	5.46 (4.73 to 6.12)	5.55 (4.91 to 6.25)	-0.23 (-0.39 to -0.08)	23.85 (17.81 to 30.25)	26.08 (18.84 to 32.87)	0.34 (0.15 to 0.54)
Romania	87.27 (71.17 to 106.43)	130.57 (109.23 to 154.42)	1.44 (1.37 to 1.52)	4.48 (3.71 to 5.29)	6.73 (5.71 to 7.83)	1.45 (1.38 to 1.52)	11.79 (7.7 to 17.2)	17.58 (11.71 to 25.91)	1.43 (1.36 to 1.51)
Russian Federation	170.52 (146.59 to 195.06)	199.97 (173.02 to 228.36)	0.58 (0.54 to 0.62)	7.89 (6.83 to 8.93)	9.32 (8.18 to 10.52)	0.59 (0.56 to 0.62)	34.89 (27.51 to 44.27)	37.9 (29.26 to 48.89)	0.11 (-0.01 to 0.23)
Saint Kitts and Nevis	121.19 (104.38 to 139.47)	174.32 (152.26 to 198.82)	1.17 (1.03 to 1.3)	7.28 (6.54 to 8.06)	10.16 (9.18 to 11.27)	1.09 (0.96 to 1.22)	31.44 (25.21 to 38.4)	36.79 (28.64 to 46.63)	0.49 (0.33 to 0.66)
Saint Lucia	112.37 (98.12 to 128.96)	153.77 (133.06 to 175.78)	0.97 (0.82 to 1.11)	7.15 (6.43 to 7.9)	9.46 (8.53 to 10.37)	0.86 (0.74 to 0.99)	27.13 (21.86 to 33.27)	30.56 (23.61 to 39.23)	0.06 (-0.07 to 0.19)
Saint Vincent and the Grenadines	75.18 (63.02 to 89.17)	97.39 (82.36 to 114.92)	0.9 (0.86 to 0.94)	4.37 (3.81 to 5)	5.56 (4.87 to 6.37)	0.82 (0.79 to 0.85)	15.63 (12.12 to 19.98)	16.69 (12.03 to 22.62)	0.35 (0.16 to 0.55)
Slovak Republic	99.56 (84.26 to 118.23)	138.11 (117.07 to 159.53)	1.1 (1.05 to 1.15)	5.05 (4.32 to 5.84)	7.07 (6.13 to 8.05)	1.13 (1.08 to 1.18)	19.13 (14.42 to 25.08)	21.47 (15.26 to 29.39)	0.39 (0.3 to 0.48)
Socialist Republic of Viet Nam	73.52 (62.53 to 86.79)	121.27 (103.49 to 140.66)	1.6 (1.56 to 1.63)	4.13 (3.58 to 4.72)	6.98 (6.12 to 7.93)	1.65 (1.61 to 1.69)	14.49 (10.72 to 19.27)	20.32 (15 to 27.3)	1.09 (1.07 to 1.11)
Solomon Islands	49.78 (41.55 to 58.76)	67.35 (56.72 to 79.52)	0.88 (0.83 to 0.93)	2.59 (2.24 to 2.98)	3.41 (2.96 to 3.89)	0.79 (0.75 to 0.84)	6.95 (4.48 to 10.22)	9.25 (5.99 to 13.4)	0.84 (0.79 to 0.89)
State of Eritrea	72.23 (63.43 to 82.83)	86.12 (75.82 to 98.45)	0.53 (0.51 to 0.56)	4.71 (4.27 to 5.24)	5.55 (4.98 to 6.16)	0.51 (0.48 to 0.54)	10.58 (6.99 to 18.47)	11.93 (7.92 to 17.9)	0.35 (0.33 to 0.38)
State of Israel	165.59 (139.91 to 196.23)	212.95 (181.42 to 249.28)	0.9 (0.86 to 0.94)	9.49 (8.26 to 10.84)	12.21 (10.76 to 13.93)	0.89 (0.86 to 0.93)	26.66 (18.91 to 36.48)	31.31 (21.88 to 43.14)	0.51 (0.47 to 0.55)
State of Kuwait	143.64 (120.12 to 168.91)	237.27 (201.86 to 275.25)	2.03 (1.79 to 2.28)	7.01 (5.93 to 8.19)	10.8 (9.2 to 12.22)	1.8 (1.57 to 2.03)	20.23 (13.73 to 28.47)	34.78 (23.85 to 47.95)	2.03 (1.91 to 2.15)
State of Libya	66.05 (55.31 to 78.95)	96.82 (82.32 to 114.41)	1.41 (1.35 to 1.48)	3.22 (2.75 to 3.79)	4.6 (3.94 to 5.31)	1.29 (1.24 to 1.35)	10.37 (7.19 to 14.58)	16.38 (11.87 to 22.54)	1.76 (1.68 to 1.85)
State of Qatar	67.83 (55.82 to 81.69)	119.89 (98.42 to 144.84)	1.6 (1.43 to 1.77)	3.5 (2.94 to 4.09)	6.01 (5.03 to 7.02)	1.47 (1.3 to 1.63)	10.25 (6.93 to 14.31)	16.64 (11.04 to 24.06)	1.37 (1.23 to 1.52)
Sultanate of Oman	48.57 (40.26 to 58.38)	87.16 (72.44 to 104.46)	2.03 (1.99 to 2.07)	2.41 (2.05 to 2.83)	4.31 (3.66 to 5.04)	1.91 (1.87 to 1.95)	7.64 (5.2 to 11.01)	12.67 (8.61 to 18.09)	1.87 (1.81 to 1.92)
Swiss Confederation	272.62 (237.06 to 312.76)	299.45 (259.51 to 345.15)	0.38 (0.32 to 0.44)	17.49 (15.6 to 19.53)	18.98 (16.84 to 21.32)	0.34 (0.26 to 0.41)	47.18 (35.29 to 62.29)	43.85 (30.92 to 59.39)	-0.18 (-0.22 to -0.15)
Syrian Arab Republic	66.12 (54.78 to 79.78)	105.67 (88.19 to 128.71)	1.61 (1.49 to 1.73)	3.22 (2.71 to 3.79)	5.21 (4.41 to 6.17)	1.66 (1.52 to 1.8)	10.92 (7.69 to 14.84)	16.4 (11.67 to 22.66)	1.45 (1.33 to 1.56)

Taiwan (Province of China)	161.46 (139.57 to 184.52)	167 (163.67 to 170.52)	0.61 (0.42 to 0.79)	10.02 (8.89 to 11.17)	10.47 (9.94 to 11.03)	0.55 (0.38 to 0.73)	34.39 (26.78 to 43.93)	28.91 (21.92 to 37.36)	0.23 (-0.04 to 0.51)
Togolese Republic	50.41 (41.92 to 60.29)	62.85 (52.9 to 74.83)	0.74 (0.61 to 0.87)	2.96 (2.55 to 3.43)	3.59 (3.09 to 4.13)	0.64 (0.52 to 0.77)	6.95 (4.51 to 10.13)	8.54 (5.46 to 12.37)	0.7 (0.57 to 0.82)
Tokelau	50.78 (42.29 to 60.95)	72.22 (60.59 to 86.3)	1.15 (1.12 to 1.19)	2.6 (2.24 to 3.01)	3.61 (3.11 to 4.15)	1.05 (1.01 to 1.09)	7.09 (4.58 to 10.35)	9.83 (6.38 to 14.21)	1.1 (1.05 to 1.14)
Turkmenistan	65.37 (54.03 to 78.34)	88.07 (74.38 to 104.84)	1.13 (0.99 to 1.28)	3.26 (2.72 to 3.84)	4.31 (3.71 to 5)	1.06 (0.91 to 1.21)	8.96 (5.73 to 13.37)	13.68 (9.44 to 19.03)	1.55 (1.33 to 1.76)
Tuvalu	49.11 (40.56 to 59.03)	67.22 (56.75 to 79.67)	0.94 (0.9 to 0.97)	2.53 (2.16 to 2.91)	3.38 (2.92 to 3.87)	0.85 (0.82 to 0.88)	6.88 (4.46 to 10.36)	9.19 (5.96 to 13.59)	0.89 (0.86 to 0.92)
Ukraine	74.7 (61.89 to 91.31)	94.67 (78.57 to 111.85)	0.73 (0.7 to 0.76)	3.63 (3.03 to 4.29)	4.6 (3.93 to 5.31)	0.72 (0.69 to 0.75)	15.82 (12.06 to 20.51)	18.62 (13.87 to 24.29)	0.31 (0.19 to 0.44)
Union of the Comoros	77.64 (67.3 to 90.13)	92.97 (81.66 to 107.31)	0.67 (0.58 to 0.76)	4.96 (4.42 to 5.66)	5.84 (5.21 to 6.55)	0.62 (0.53 to 0.7)	11.18 (7.34 to 17.63)	12.84 (8.64 to 18.69)	0.52 (0.44 to 0.6)
United Arab Emirates	67.39 (56.51 to 80.29)	100.45 (84.26 to 118.43)	1.37 (1.17 to 1.56)	3.45 (2.93 to 4)	5.63 (4.8 to 6.6)	1.54 (1.26 to 1.82)	13.72 (10.23 to 18.5)	16.49 (11.58 to 22.62)	1 (0.85 to 1.15)
United Kingdom of Great Britain and Northern Ireland	413.61 (368.87 to 469.34)	450.37 (401.4 to 508.53)	0.28 (0.25 to 0.32)	25.25 (22.57 to 28.19)	27.37 (24.58 to 30.42)	0.27 (0.24 to 0.3)	85.22 (68.25 to 105.19)	70.99 (52.41 to 93.21)	-0.34 (-0.5 to -0.18)
United Mexican States	399.05 (349.24 to 449.58)	452.74 (400.81 to 506.18)	0.35 (0.25 to 0.45)	23.52 (20.79 to 26.56)	25.32 (22.62 to 28.44)	0.21 (0.14 to 0.29)	92.44 (76.01 to 113.37)	87.45 (68.51 to 110.52)	-0.17 (-0.23 to -0.1)
United Republic of Tanzania	77.07 (67.08 to 89.1)	95.5 (82.7 to 110.2)	0.65 (0.59 to 0.71)	4.94 (4.39 to 5.57)	5.99 (5.35 to 6.74)	0.58 (0.53 to 0.62)	11.01 (7.47 to 17.5)	13.11 (8.81 to 18.98)	0.52 (0.46 to 0.57)
United States of America	254.34 (233.85 to 278.68)	296.68 (273.89 to 323.93)	0.77 (0.68 to 0.86)	15.52 (14.08 to 17.13)	18.27 (16.75 to 20.05)	0.73 (0.66 to 0.81)	43.88 (33.22 to 56.06)	45.35 (33.5 to 59.07)	0.28 (0.14 to 0.42)
United States Virgin Islands	99.43 (82.98 to 117.16)	130.97 (111.48 to 153.05)	0.89 (0.85 to 0.93)	5.84 (5.09 to 6.63)	7.45 (6.55 to 8.49)	0.77 (0.74 to 0.81)	18.01 (13.29 to 24.23)	19.82 (13.74 to 28.28)	0.34 (0.31 to 0.37)

Supplementary Table S4. The ASPR, ASIR and ASDR for RA across 28 GBD super-regions in 1990 and 2021 for both males and females.

Measure	Location	Sex	Year	Val	Upper	Lower
DALYs (Disability-Adjusted Life Years)	Nordic Region	Female	1990	94.41	118.89	73.39
DALYs (Disability-Adjusted Life Years)	Nordic Region	Female	2021	83.32	110.54	60.15
DALYs (Disability-Adjusted Life Years)	Latin America and Caribbean	Female	2021	71.23	91.34	54.15
DALYs (Disability-Adjusted Life Years)	OECD Countries	Female	1990	68.86	87.19	53.62
DALYs (Disability-Adjusted Life Years)	High SDI	Female	1990	68.78	87.16	53.56
DALYs (Disability-Adjusted Life Years)	OECD Countries	Female	2021	68.18	89.39	50.45
DALYs (Disability-Adjusted Life Years)	High-income	Female	1990	65.9	83.61	50.98
DALYs (Disability-Adjusted Life Years)	High-income	Female	2021	63.42	83.87	46.48
DALYs (Disability-Adjusted Life Years)	Latin America and Caribbean	Female	1990	63.19	80.18	49.2
DALYs (Disability-Adjusted Life Years)	High SDI	Female	2021	62.71	82.93	46.08
DALYs (Disability-Adjusted Life Years)	G20	Female	1990	56.85	72.31	44.68
DALYs (Disability-Adjusted Life Years)	South Asia	Female	2021	56.4	72.7	43.26
DALYs (Disability-Adjusted Life Years)	European Union	Female	1990	55.32	71.2	42.51
DALYs (Disability-Adjusted Life Years)	G20	Female	2021	54.84	71.85	40.62
DALYs (Disability-Adjusted Life Years)	European Union	Female	2021	53.78	72.34	38.84
DALYs (Disability-Adjusted Life Years)	Commonwealth	Female	1990	52.83	65.48	41.81
DALYs (Disability-Adjusted Life Years)	Commonwealth	Female	2021	52.41	66.54	40.05
DALYs (Disability-Adjusted Life Years)	WHO region	Female	1990	50.05	63.72	39.27
DALYs (Disability-Adjusted Life Years)	World Bank Regions	Female	1990	50.04	63.7	39.26
DALYs (Disability-Adjusted Life Years)	Four World Regions	Female	1990	50.04	63.7	39.26
DALYs (Disability-Adjusted Life Years)	World Bank Income Levels	Female	1990	50.03	63.68	39.24
DALYs (Disability-Adjusted Life Years)	Health System Grouping Levels	Female	1990	50.03	63.68	39.24
DALYs (Disability-Adjusted Life Years)	South Asia	Female	1990	49.71	64.2	38.06
DALYs (Disability-Adjusted Life Years)	Middle SDI	Female	2021	49.16	64.72	36.46
DALYs (Disability-Adjusted Life Years)	WHO region	Female	2021	48.97	64.35	36.38
DALYs (Disability-Adjusted Life Years)	World Bank Regions	Female	2021	48.95	64.31	36.38
DALYs (Disability-Adjusted Life Years)	World Bank Income Levels	Female	2021	48.94	64.3	36.37
DALYs (Disability-Adjusted Life Years)	Health System Grouping Levels	Female	2021	48.94	64.3	36.37
DALYs (Disability-Adjusted Life Years)	Four World Regions	Female	2021	48.94	64.3	36.37

DALYs (Disability-Adjusted Life Years)	High-middle SDI	Female	2021	48.62	64.66	35.84
DALYs (Disability-Adjusted Life Years)	Middle SDI	Female	1990	47.69	60.88	37.26
DALYs (Disability-Adjusted Life Years)	Low-middle SDI	Female	2021	46.43	59.13	35.93
DALYs (Disability-Adjusted Life Years)	Southeast Asia, East Asia, and Oceania	Female	1990	46.08	59.25	35.49
DALYs (Disability-Adjusted Life Years)	High-middle SDI	Female	1990	45.59	58.77	35.34
DALYs (Disability-Adjusted Life Years)	Central Europe, Eastern Europe, and Central Asia	Female	2021	45.39	59.76	34.1
DALYs (Disability-Adjusted Life Years)	Southeast Asia, East Asia, and Oceania	Female	2021	43.08	57.43	31.43
DALYs (Disability-Adjusted Life Years)	Central Europe, Eastern Europe, and Central Asia	Female	1990	41.41	52.6	32.39
DALYs (Disability-Adjusted Life Years)	Low-middle SDI	Female	1990	39.38	50.22	30.39
DALYs (Disability-Adjusted Life Years)	Nordic Region	Male	1990	35.18	43.98	27.69
DALYs (Disability-Adjusted Life Years)	Gulf Cooperation Council	Female	2021	33.19	46.16	22.94
DALYs (Disability-Adjusted Life Years)	Nordic Region	Male	2021	31.24	41.42	23.03
DALYs (Disability-Adjusted Life Years)	North Africa and Middle East	Female	2021	30.12	40.46	21.69
DALYs (Disability-Adjusted Life Years)	Low SDI	Female	2021	28.38	37.66	21.54
DALYs (Disability-Adjusted Life Years)	High SDI	Male	1990	27.08	33.97	21.41
DALYs (Disability-Adjusted Life Years)	OECD Countries	Male	1990	27.01	33.67	21.43
DALYs (Disability-Adjusted Life Years)	Organization of Islamic Cooperation	Female	2021	26.66	35.2	19.4
DALYs (Disability-Adjusted Life Years)	High-income	Male	1990	26.12	32.92	20.54
DALYs (Disability-Adjusted Life Years)	Southeast Asia, East Asia, and Oceania	Male	2021	25.87	33.75	19.24
DALYs (Disability-Adjusted Life Years)	Latin America and Caribbean	Male	1990	25.61	31.65	20.9
DALYs (Disability-Adjusted Life Years)	OECD Countries	Male	2021	25.56	33.08	19.14
DALYs (Disability-Adjusted Life Years)	League of Arab States	Female	2021	25.14	34.09	17.76
DALYs (Disability-Adjusted Life Years)	G20	Male	2021	25.03	32.21	19.13
DALYs (Disability-Adjusted Life Years)	High-income	Male	2021	24.99	32.58	18.62
DALYs (Disability-Adjusted Life Years)	Middle SDI	Male	2021	24.88	31.84	18.74
DALYs (Disability-Adjusted Life Years)	High SDI	Male	2021	24.83	32.17	18.45
DALYs (Disability-Adjusted Life Years)	Low SDI	Female	1990	24.45	35.28	18.38
DALYs (Disability-Adjusted Life Years)	G20	Male	1990	24.34	30.91	19.08
DALYs (Disability-Adjusted Life Years)	Middle SDI	Male	1990	24.1	31.02	18.31
DALYs (Disability-Adjusted Life Years)	Latin America and Caribbean	Male	2021	23.84	31.09	18.17
DALYs (Disability-Adjusted Life Years)	Southeast Asia, East Asia, and Oceania	Male	1990	23.55	30.74	17.25
DALYs (Disability-Adjusted Life Years)	North Africa and Middle East	Female	1990	23.31	31.24	17.27

DALYs (Disability-Adjusted Life Years)	South Asia	Male	2021	23.08	29.39	16.59
DALYs (Disability-Adjusted Life Years)	Commonwealth	Male	2021	22.65	28.72	16.92
DALYs (Disability-Adjusted Life Years)	Organization of Islamic Cooperation	Female	1990	22.27	28.8	16.68
DALYs (Disability-Adjusted Life Years)	Commonwealth	Male	1990	22.2	27.65	16.59
DALYs (Disability-Adjusted Life Years)	WHO region	Male	2021	22.1	28.6	16.94
DALYs (Disability-Adjusted Life Years)	World Bank Regions	Male	2021	22.07	28.55	16.92
DALYs (Disability-Adjusted Life Years)	World Bank Income Levels	Male	2021	22.07	28.54	16.92
DALYs (Disability-Adjusted Life Years)	Health System Grouping Levels	Male	2021	22.07	28.54	16.92
DALYs (Disability-Adjusted Life Years)	Four World Regions	Male	2021	22.07	28.55	16.93
DALYs (Disability-Adjusted Life Years)	High-middle SDI	Male	2021	21.75	28.56	16.22
DALYs (Disability-Adjusted Life Years)	World Bank Regions	Male	1990	21.58	27.56	16.89
DALYs (Disability-Adjusted Life Years)	World Bank Income Levels	Male	1990	21.58	27.55	16.89
DALYs (Disability-Adjusted Life Years)	Health System Grouping Levels	Male	1990	21.58	27.55	16.89
DALYs (Disability-Adjusted Life Years)	Four World Regions	Male	1990	21.58	27.56	16.89
DALYs (Disability-Adjusted Life Years)	WHO region	Male	1990	21.57	27.55	16.87
DALYs (Disability-Adjusted Life Years)	European Union	Male	1990	21.45	27.26	16.74
DALYs (Disability-Adjusted Life Years)	European Union	Male	2021	21	28.04	15.39
DALYs (Disability-Adjusted Life Years)	South Asia	Male	1990	20.89	27.14	14.31
DALYs (Disability-Adjusted Life Years)	Gulf Cooperation Council	Female	1990	20.16	28.03	14
DALYs (Disability-Adjusted Life Years)	African Union	Female	2021	19.61	26.3	14.07
DALYs (Disability-Adjusted Life Years)	Low-middle SDI	Male	2021	19.57	24.94	14.37
DALYs (Disability-Adjusted Life Years)	Sub-Saharan Africa	Female	1990	19.43	27.01	14.28
DALYs (Disability-Adjusted Life Years)	African Union	Female	1990	18.78	25.39	13.89
DALYs (Disability-Adjusted Life Years)	High-middle SDI	Male	1990	18.6	24.41	14.13
DALYs (Disability-Adjusted Life Years)	Sub-Saharan Africa	Female	2021	18.23	24.88	13.12
DALYs (Disability-Adjusted Life Years)	Low-middle SDI	Male	1990	17.45	22.45	12.29
DALYs (Disability-Adjusted Life Years)	League of Arab States	Female	1990	17.04	23.46	12.3
DALYs (Disability-Adjusted Life Years)	Central Europe, Eastern Europe, and Central Asia	Male	2021	16.52	22.04	12.48
DALYs (Disability-Adjusted Life Years)	Central Europe, Eastern Europe, and Central Asia	Male	1990	15.09	19.63	11.72
DALYs (Disability-Adjusted Life Years)	Association of Southeast Asian Nations	Female	2021	14.64	19.98	10.71
DALYs (Disability-Adjusted Life Years)	Association of Southeast Asian Nations	Male	2021	13.46	17.54	9.67
DALYs (Disability-Adjusted Life Years)	Low SDI	Male	2021	12.87	16.86	9.24

DALYs (Disability-Adjusted Life Years)	Association of Southeast Asian Nations	Female	1990	12.86	17.09	9.71
DALYs (Disability-Adjusted Life Years)	Sahel Region	Female	2021	12.29	17.19	8.43
DALYs (Disability-Adjusted Life Years)	Sub-Saharan Africa	Male	1990	12.26	16.52	8.95
DALYs (Disability-Adjusted Life Years)	Low SDI	Male	1990	11.62	15.5	8.33
DALYs (Disability-Adjusted Life Years)	Sub-Saharan Africa	Male	2021	11.58	15.79	8.35
DALYs (Disability-Adjusted Life Years)	Organization of Islamic Cooperation	Male	2021	11.4	15.01	8.45
DALYs (Disability-Adjusted Life Years)	Association of Southeast Asian Nations	Male	1990	11.36	14.74	7.74
DALYs (Disability-Adjusted Life Years)	Organization of Islamic Cooperation	Male	1990	10.44	13.7	7.47
DALYs (Disability-Adjusted Life Years)	Sahel Region	Female	1990	10.13	14.43	6.96
DALYs (Disability-Adjusted Life Years)	African Union	Male	1990	10.08	13.71	7.37
DALYs (Disability-Adjusted Life Years)	African Union	Male	2021	9.92	13.56	7.11
DALYs (Disability-Adjusted Life Years)	North Africa and Middle East	Male	2021	8.09	10.99	5.87
DALYs (Disability-Adjusted Life Years)	Gulf Cooperation Council	Male	2021	7.3	10.6	5
DALYs (Disability-Adjusted Life Years)	North Africa and Middle East	Male	1990	6.29	8.38	4.61
DALYs (Disability-Adjusted Life Years)	League of Arab States	Male	2021	6.01	8.48	4.22
DALYs (Disability-Adjusted Life Years)	Sahel Region	Male	2021	5.78	8.22	3.86
DALYs (Disability-Adjusted Life Years)	Sahel Region	Male	1990	4.94	7.09	3.27
DALYs (Disability-Adjusted Life Years)	Gulf Cooperation Council	Male	1990	4.24	6.03	2.83
DALYs (Disability-Adjusted Life Years)	League of Arab States	Male	1990	4.1	5.84	2.83
Incidence	Nordic Region	Female	2021	34.17	37.86	30.92
Incidence	Nordic Region	Female	1990	32.41	36.23	29.22
Incidence	OECD Countries	Female	2021	25.78	28.2	23.6
Incidence	High-income	Female	2021	25.03	27.32	22.93
Incidence	High SDI	Female	2021	24.27	26.56	22.18
Incidence	High SDI	Female	1990	22.55	24.98	20.43
Incidence	OECD Countries	Female	1990	22.4	24.68	20.32
Incidence	High-income	Female	1990	22.29	24.63	20.18
Incidence	Latin America and Caribbean	Female	2021	20.96	23.08	18.94
Incidence	European Union	Female	2021	20.74	22.87	18.79
Incidence	South Asia	Female	2021	19.72	22.34	17.4
Incidence	G20	Female	2021	18.95	21.06	17.07
Incidence	Commonwealth	Female	2021	18.23	20.41	16.25

Incidence	European Union	Female	1990	17.94	19.81	16.16
Incidence	Latin America and Caribbean	Female	1990	16.8	18.71	14.96
Incidence	G20	Female	1990	16.72	18.58	14.96
Incidence	World Bank Regions	Female	2021	16.24	18.01	14.66
Incidence	WHO region	Female	2021	16.24	18.01	14.65
Incidence	Four World Regions	Female	2021	16.24	18	14.66
Incidence	World Bank Income Levels	Female	2021	16.23	18	14.66
Incidence	Health System Grouping Levels	Female	2021	16.23	18	14.66
Incidence	High-middle SDI	Female	2021	16.21	17.99	14.43
Incidence	Middle SDI	Female	2021	15.99	17.88	14.31
Incidence	Commonwealth	Female	1990	14.9	16.73	13.24
Incidence	Low-middle SDI	Female	2021	14.69	16.46	13.17
Incidence	World Bank Regions	Female	1990	14.44	16.02	12.96
Incidence	World Bank Income Levels	Female	1990	14.44	16.01	12.96
Incidence	WHO region	Female	1990	14.44	16.02	12.95
Incidence	Health System Grouping Levels	Female	1990	14.44	16.01	12.96
Incidence	Four World Regions	Female	1990	14.44	16.02	12.96
Incidence	South Asia	Female	1990	14.33	16.34	12.6
Incidence	Southeast Asia, East Asia, and Oceania	Female	2021	13.69	15.51	12.13
Incidence	Central Europe, Eastern Europe, and Central Asia	Female	2021	13.59	15.2	12.07
Incidence	Nordic Region	Male	2021	13.16	14.68	11.85
Incidence	High-middle SDI	Female	1990	13.09	14.73	11.6
Incidence	Middle SDI	Female	1990	13.05	14.7	11.53
Incidence	Southeast Asia, East Asia, and Oceania	Female	1990	12.47	14.13	10.93
Incidence	Nordic Region	Male	1990	12.39	13.74	11.11
Incidence	Low-middle SDI	Female	1990	10.92	12.3	9.65
Incidence	Central Europe, Eastern Europe, and Central Asia	Female	1990	10.77	12.08	9.49
Incidence	High-income	Male	2021	9.89	10.93	8.96
Incidence	Gulf Cooperation Council	Female	2021	9.79	11.28	8.32
Incidence	OECD Countries	Male	2021	9.72	10.72	8.83
Incidence	High SDI	Male	2021	9.58	10.58	8.68
Incidence	Low SDI	Female	2021	9.27	10.41	8.27

Incidence	High SDI	Male	1990	8.88	9.94	7.96
Incidence	High-income	Male	1990	8.84	9.91	7.93
Incidence	North Africa and Middle East	Female	2021	8.74	9.83	7.67
Incidence	OECD Countries	Male	1990	8.66	9.68	7.75
Incidence	G20	Male	2021	8.45	9.51	7.54
Incidence	Southeast Asia, East Asia, and Oceania	Male	2021	8.08	9.24	7.15
Incidence	European Union	Male	2021	8.06	9.01	7.24
Incidence	South Asia	Male	2021	7.83	8.97	6.87
Incidence	Middle SDI	Male	2021	7.83	8.88	6.95
Incidence	Commonwealth	Male	2021	7.83	8.84	6.92
Incidence	League of Arab States	Female	2021	7.53	8.62	6.47
Incidence	Organization of Islamic Cooperation	Female	2021	7.45	8.37	6.59
Incidence	World Bank Regions	Male	2021	7.34	8.27	6.56
Incidence	World Bank Income Levels	Male	2021	7.34	8.27	6.56
Incidence	WHO region	Male	2021	7.34	8.28	6.57
Incidence	Health System Grouping Levels	Male	2021	7.34	8.27	6.56
Incidence	Four World Regions	Male	2021	7.34	8.27	6.56
Incidence	G20	Male	1990	7.28	8.23	6.46
Incidence	Low SDI	Female	1990	7.25	8.24	6.4
Incidence	High-middle SDI	Male	2021	7.25	8.21	6.41
Incidence	Latin America and Caribbean	Male	2021	7.16	8.02	6.38
Incidence	European Union	Male	1990	6.92	7.83	6.15
Incidence	Southeast Asia, East Asia, and Oceania	Male	1990	6.63	7.61	5.75
Incidence	Commonwealth	Male	1990	6.57	7.45	5.83
Incidence	Middle SDI	Male	1990	6.51	7.42	5.68
Incidence	World Bank Regions	Male	1990	6.39	7.23	5.67
Incidence	World Bank Income Levels	Male	1990	6.39	7.22	5.67
Incidence	WHO region	Male	1990	6.39	7.23	5.67
Incidence	Health System Grouping Levels	Male	1990	6.39	7.22	5.67
Incidence	Four World Regions	Male	1990	6.39	7.23	5.67
Incidence	African Union	Female	2021	6.39	7.17	5.66
Incidence	Sub-Saharan Africa	Female	2021	6.32	7.12	5.59

Incidence	Latin America and Caribbean	Male	1990	6.21	7.01	5.53
Incidence	Low-middle SDI	Male	2021	6.16	6.99	5.45
Incidence	South Asia	Male	1990	6.08	7	5.3
Incidence	Sub-Saharan Africa	Female	1990	6.04	6.77	5.36
Incidence	Gulf Cooperation Council	Female	1990	5.89	6.92	4.97
Incidence	North Africa and Middle East	Female	1990	5.86	6.71	5.1
Incidence	African Union	Female	1990	5.69	6.38	5.01
Incidence	High-middle SDI	Male	1990	5.64	6.43	4.91
Incidence	Organization of Islamic Cooperation	Female	1990	5.63	6.37	4.94
Incidence	Low-middle SDI	Male	1990	4.92	5.64	4.34
Incidence	Association of Southeast Asian Nations	Female	2021	4.88	5.56	4.28
Incidence	League of Arab States	Female	1990	4.87	5.7	4.15
Incidence	Low SDI	Male	2021	4.74	5.38	4.24
Incidence	Central Europe, Eastern Europe, and Central Asia	Male	2021	4.71	5.4	4.1
Incidence	Sahel Region	Female	2021	4.64	5.23	4.05
Incidence	Sub-Saharan Africa	Male	2021	4.44	4.97	3.96
Incidence	Sub-Saharan Africa	Male	1990	4.34	4.85	3.87
Incidence	Low SDI	Male	1990	4.03	4.59	3.57
Incidence	Central Europe, Eastern Europe, and Central Asia	Male	1990	3.94	4.53	3.4
Incidence	African Union	Male	2021	3.79	4.27	3.38
Incidence	Sahel Region	Female	1990	3.78	4.32	3.28
Incidence	Association of Southeast Asian Nations	Male	2021	3.78	4.32	3.33
Incidence	Association of Southeast Asian Nations	Female	1990	3.75	4.3	3.28
Incidence	African Union	Male	1990	3.57	4.01	3.18
Incidence	Organization of Islamic Cooperation	Male	2021	3.48	3.97	3.05
Incidence	Organization of Islamic Cooperation	Male	1990	2.89	3.32	2.53
Incidence	Association of Southeast Asian Nations	Male	1990	2.7	3.14	2.33
Incidence	North Africa and Middle East	Male	2021	2.57	2.96	2.23
Incidence	Gulf Cooperation Council	Male	2021	2.5	2.99	2.1
Incidence	Sahel Region	Male	2021	2.42	2.8	2.12
Incidence	Sahel Region	Male	1990	2.15	2.49	1.86
Incidence	League of Arab States	Male	2021	2.1	2.49	1.79

Incidence	North Africa and Middle East	Male	1990	1.74	2.02	1.49
Incidence	Gulf Cooperation Council	Male	1990	1.48	1.81	1.23
Incidence	League of Arab States	Male	1990	1.43	1.71	1.19
Prevalence	Nordic Region	Female	2021	545.09	613.59	490.39
Prevalence	Nordic Region	Female	1990	508.57	567.83	456.6
Prevalence	OECD Countries	Female	2021	436.36	483.14	396.68
Prevalence	High-income	Female	2021	417.93	462.59	378.53
Prevalence	High SDI	Female	2021	411.95	456.83	372.87
Prevalence	Latin America and Caribbean	Female	2021	403.68	453.72	355.68
Prevalence	High SDI	Female	1990	375.57	419.41	339.71
Prevalence	OECD Countries	Female	1990	373.12	415.91	338.24
Prevalence	High-income	Female	1990	366.91	409.87	332.44
Prevalence	European Union	Female	2021	355.46	400.93	316.96
Prevalence	G20	Female	2021	331.88	374.47	296.87
Prevalence	Latin America and Caribbean	Female	1990	318.12	360.22	277.93
Prevalence	European Union	Female	1990	306.33	346.42	272.38
Prevalence	South Asia	Female	2021	301.76	345.93	264.94
Prevalence	High-middle SDI	Female	2021	299.78	340.36	265.23
Prevalence	WHO region	Female	2021	293.89	331.73	263.62
Prevalence	G20	Female	1990	293.76	332.54	261.16
Prevalence	World Bank Regions	Female	2021	293.75	331.44	263.61
Prevalence	World Bank Income Levels	Female	2021	293.71	331.39	263.57
Prevalence	Health System Grouping Levels	Female	2021	293.71	331.39	263.56
Prevalence	Four World Regions	Female	2021	293.7	331.38	263.55
Prevalence	Commonwealth	Female	2021	293.34	333.19	260.25
Prevalence	Middle SDI	Female	2021	288.8	326.8	255.92
Prevalence	Central Europe, Eastern Europe, and Central Asia	Female	2021	270.83	305.74	237.91
Prevalence	WHO region	Female	1990	258.16	292.58	229.43
Prevalence	World Bank Regions	Female	1990	258.1	292.56	229.42
Prevalence	Four World Regions	Female	1990	258.09	292.54	229.4
Prevalence	World Bank Income Levels	Female	1990	258.04	292.49	229.36
Prevalence	Health System Grouping Levels	Female	1990	258.04	292.49	229.36

Prevalence	Southeast Asia, East Asia, and Oceania	Female	2021	254.26	291.43	222.49
Prevalence	Commonwealth	Female	1990	243.72	278.09	215.19
Prevalence	High-middle SDI	Female	1990	241.97	276.61	211.77
Prevalence	Low-middle SDI	Female	2021	241.59	274.97	215.2
Prevalence	Middle SDI	Female	1990	238.52	273.49	207.95
Prevalence	Southeast Asia, East Asia, and Oceania	Female	1990	229.8	266.1	199.29
Prevalence	Gulf Cooperation Council	Female	2021	224.82	263.79	188.53
Prevalence	South Asia	Female	1990	214.82	249.85	186.64
Prevalence	Central Europe, Eastern Europe, and Central Asia	Female	1990	212.23	242.74	184.96
Prevalence	North Africa and Middle East	Female	2021	194.7	223.07	169.25
Prevalence	Nordic Region	Male	2021	192	216.04	171.98
Prevalence	Nordic Region	Male	1990	177.33	199.65	158.17
Prevalence	Low-middle SDI	Female	1990	173.96	200.71	152.29
Prevalence	League of Arab States	Female	2021	165.26	194.07	139.35
Prevalence	Organization of Islamic Cooperation	Female	2021	152.48	174.98	132.37
Prevalence	High-income	Male	2021	151.62	169.83	136.78
Prevalence	OECD Countries	Male	2021	151.15	169.21	136.26
Prevalence	Low SDI	Female	2021	149.55	171.35	132.06
Prevalence	High SDI	Male	2021	149.48	167.54	134.8
Prevalence	High SDI	Male	1990	135.92	154.22	121.77
Prevalence	G20	Male	2021	135.73	155.6	119.88
Prevalence	High-income	Male	1990	134.02	152.05	119.97
Prevalence	Southeast Asia, East Asia, and Oceania	Male	2021	133.84	155.7	116.34
Prevalence	OECD Countries	Male	1990	132.9	151.02	119.08
Prevalence	European Union	Male	2021	129.36	147.85	112.92
Prevalence	Gulf Cooperation Council	Female	1990	129.27	153.93	108.22
Prevalence	Middle SDI	Male	2021	127.76	147.58	112.07
Prevalence	Latin America and Caribbean	Male	2021	126.97	146.4	110.75
Prevalence	North Africa and Middle East	Female	1990	126.42	147.87	108.29
Prevalence	African Union	Female	2021	124.34	143.69	107.66
Prevalence	High-middle SDI	Male	2021	123	142.96	106.66
Prevalence	WHO region	Male	2021	119.89	137.74	106.09

Prevalence	Four World Regions	Male	2021	119.75	137.52	106.01
Prevalence	World Bank Regions	Male	2021	119.73	137.5	106
Prevalence	World Bank Income Levels	Male	2021	119.72	137.49	105.98
Prevalence	Health System Grouping Levels	Male	2021	119.72	137.48	105.98
Prevalence	Commonwealth	Male	2021	116.23	133.5	102.5
Prevalence	Sub-Saharan Africa	Female	2021	115.56	132.81	100.19
Prevalence	Low SDI	Female	1990	115.25	133.56	100.14
Prevalence	G20	Male	1990	115	132.8	101.43
Prevalence	Organization of Islamic Cooperation	Female	1990	112.56	131.03	96.59
Prevalence	Sub-Saharan Africa	Female	1990	111.39	127.39	96.93
Prevalence	European Union	Male	1990	110.64	127.69	96.44
Prevalence	South Asia	Male	2021	109.5	126.9	95.28
Prevalence	Latin America and Caribbean	Male	1990	108.58	125.87	94.27
Prevalence	African Union	Female	1990	108.43	125.67	93.77
Prevalence	Southeast Asia, East Asia, and Oceania	Male	1990	107.48	125.97	92.41
Prevalence	Middle SDI	Male	1990	105.47	122.95	91.54
Prevalence	League of Arab States	Female	1990	104.22	123.67	86.33
Prevalence	WHO region	Male	1990	102.04	117.97	89.76
Prevalence	Four World Regions	Male	1990	101.99	117.91	89.72
Prevalence	World Bank Regions	Male	1990	101.97	117.89	89.7
Prevalence	World Bank Income Levels	Male	1990	101.95	117.86	89.68
Prevalence	Health System Grouping Levels	Male	1990	101.95	117.86	89.68
Prevalence	Commonwealth	Male	1990	96.4	111.39	85.03
Prevalence	High-middle SDI	Male	1990	95.4	111.71	82.14
Prevalence	Low-middle SDI	Male	2021	91.18	105.76	79.67
Prevalence	Central Europe, Eastern Europe, and Central Asia	Male	2021	91.02	106.68	77.91
Prevalence	Association of Southeast Asian Nations	Female	2021	88.37	104.15	75.98
Prevalence	Sahel Region	Female	2021	85.85	100.73	72.71
Prevalence	South Asia	Male	1990	82.01	96.22	70.87
Prevalence	Sub-Saharan Africa	Male	2021	76.2	87.45	66.94
Prevalence	Central Europe, Eastern Europe, and Central Asia	Male	1990	75.75	89.36	64.18
Prevalence	Sub-Saharan Africa	Male	1990	72.65	83.08	63.39

Prevalence	Low SDI	Male	2021	70.88	82.47	62.24
Prevalence	Low-middle SDI	Male	1990	70.03	82.44	60.4
Prevalence	Sahel Region	Female	1990	68.42	81.46	57.7
Prevalence	Association of Southeast Asian Nations	Female	1990	67.33	79.18	57.36
Prevalence	African Union	Male	2021	64.6	74.61	56.46
Prevalence	Association of Southeast Asian Nations	Male	2021	63.41	74.52	54.1
Prevalence	Organization of Islamic Cooperation	Male	2021	60.01	70.39	51.32
Prevalence	African Union	Male	1990	59.84	68.85	52.08
Prevalence	Low SDI	Male	1990	58.96	68.83	50.89
Prevalence	Organization of Islamic Cooperation	Male	1990	49	57.84	41.81
Prevalence	North Africa and Middle East	Male	2021	47.92	56.21	41
Prevalence	Gulf Cooperation Council	Male	2021	45.68	56.06	36.94
Prevalence	Association of Southeast Asian Nations	Male	1990	45.19	54.04	37.92
Prevalence	Sahel Region	Male	2021	39.92	47.89	33.53
Prevalence	League of Arab States	Male	2021	37.17	45.53	30.12
Prevalence	Sahel Region	Male	1990	34.08	41.29	28.38
Prevalence	North Africa and Middle East	Male	1990	30.88	36.73	25.9
Prevalence	Gulf Cooperation Council	Male	1990	25.83	32.33	20.51
Prevalence	League of Arab States	Male	1990	24.34	30.14	19.64

Supplementary Table S5. The prevalence, incidence, and DALYs numbers and rates for RA globally in 2021, across different age groups, for both males and females.

Measure	Sex	Age	Metric	Val	Upper	Lower
DALYs (Disability-Adjusted Life Years)	Male	<5 years	Number	0.00	0.00	0.00
DALYs (Disability-Adjusted Life Years)	Female	<5 years	Number	0.00	0.00	0.00
DALYs (Disability-Adjusted Life Years)	Male	<5 years	Rate	0.00	0.00	0.00
DALYs (Disability-Adjusted Life Years)	Female	<5 years	Rate	0.00	0.00	0.00
DALYs (Disability-Adjusted Life Years)	Male	5-9 years	Number	1070.46	1605.71	736.71
DALYs (Disability-Adjusted Life Years)	Female	5-9 years	Number	1453.51	2277.05	983.11
DALYs (Disability-Adjusted Life Years)	Male	5-9 years	Rate	0.30	0.45	0.21
DALYs (Disability-Adjusted Life Years)	Female	5-9 years	Rate	0.44	0.68	0.30
DALYs (Disability-Adjusted Life Years)	Male	10-14 years	Number	4129.38	6964.97	2410.77
DALYs (Disability-Adjusted Life Years)	Female	10-14 years	Number	7334.72	11694.42	4511.12
DALYs (Disability-Adjusted Life Years)	Male	10-14 years	Rate	1.20	2.03	0.70
DALYs (Disability-Adjusted Life Years)	Female	10-14 years	Rate	2.27	3.62	1.40
DALYs (Disability-Adjusted Life Years)	Male	15-19 years	Number	9119.96	14102.43	5635.96
DALYs (Disability-Adjusted Life Years)	Female	15-19 years	Number	20111.41	30745.35	12468.16
DALYs (Disability-Adjusted Life Years)	Male	15-19 years	Rate	2.85	4.40	1.76

DALYs (Disability-Adjusted Life Years)	Female	15-19 years	Rate	6.62	10.13	4.11
DALYs (Disability-Adjusted Life Years)	Male	20-24 years	Number	15629.94	24537.28	9298.82
DALYs (Disability-Adjusted Life Years)	Female	20-24 years	Number	38889.58	59624.08	23146.48
DALYs (Disability-Adjusted Life Years)	Male	20-24 years	Rate	5.15	8.09	3.06
DALYs (Disability-Adjusted Life Years)	Female	20-24 years	Rate	13.24	20.30	7.88
DALYs (Disability-Adjusted Life Years)	Male	25-29 years	Number	24428.19	37949.29	15247.98
DALYs (Disability-Adjusted Life Years)	Female	25-29 years	Number	62743.00	94716.38	39294.79
DALYs (Disability-Adjusted Life Years)	Male	25-29 years	Rate	8.22	12.76	5.13
DALYs (Disability-Adjusted Life Years)	Female	25-29 years	Rate	21.56	32.55	13.50
DALYs (Disability-Adjusted Life Years)	Male	30-34 years	Number	36537.47	56691.07	22718.86
DALYs (Disability-Adjusted Life Years)	Female	30-34 years	Number	95806.60	143931.32	63789.80
DALYs (Disability-Adjusted Life Years)	Male	30-34 years	Rate	11.96	18.55	7.44
DALYs (Disability-Adjusted Life Years)	Female	30-34 years	Rate	32.05	48.15	21.34
DALYs (Disability-Adjusted Life Years)	Male	35-39 years	Number	45546.35	69100.93	30316.04
DALYs (Disability-Adjusted Life Years)	Female	35-39 years	Number	120736.29	176170.27	80568.74
DALYs (Disability-Adjusted Life Years)	Male	35-39 years	Rate	16.09	24.41	10.71
DALYs (Disability-Adjusted Life Years)	Female	35-39 years	Rate	43.46	63.42	29.00

DALYs (Disability-Adjusted Life Years)	Male	40-44 years	Number	53199.28	78154.54	34223.49
DALYs (Disability-Adjusted Life Years)	Female	40-44 years	Number	140428.48	204613.78	91312.28
DALYs (Disability-Adjusted Life Years)	Male	40-44 years	Rate	21.10	30.99	13.57
DALYs (Disability-Adjusted Life Years)	Female	40-44 years	Rate	56.60	82.48	36.81
DALYs (Disability-Adjusted Life Years)	Male	45-49 years	Number	66444.71	93987.10	44731.74
DALYs (Disability-Adjusted Life Years)	Female	45-49 years	Number	172034.60	245771.90	116276.67
DALYs (Disability-Adjusted Life Years)	Male	45-49 years	Rate	27.93	39.51	18.81
DALYs (Disability-Adjusted Life Years)	Female	45-49 years	Rate	73.01	104.30	49.34
DALYs (Disability-Adjusted Life Years)	Male	50-54 years	Number	81776.06	115131.92	57405.46
DALYs (Disability-Adjusted Life Years)	Female	50-54 years	Number	203671.78	283951.75	142502.50
DALYs (Disability-Adjusted Life Years)	Male	50-54 years	Rate	36.84	51.87	25.86
DALYs (Disability-Adjusted Life Years)	Female	50-54 years	Rate	91.36	127.37	63.92
DALYs (Disability-Adjusted Life Years)	Male	55-59 years	Number	93745.50	126241.40	67365.31
DALYs (Disability-Adjusted Life Years)	Female	55-59 years	Number	230588.60	307661.28	170093.40
DALYs (Disability-Adjusted Life Years)	Male	55-59 years	Rate	48.14	64.83	34.60
DALYs (Disability-Adjusted Life Years)	Female	55-59 years	Rate	114.72	153.06	84.62
DALYs (Disability-Adjusted Life Years)	Male	60-64 years	Number	98217.64	127789.07	74552.85
DALYs (Disability-Adjusted Life Years)	Female	60-64 years	Number	235640.92	310005.55	176829.56
DALYs (Disability-Adjusted Life Years)	Male	60-64 years	Rate	63.15	82.16	47.93

DALYs (Disability-Adjusted Life Years)	Female	60-64 years	Rate	143.24	188.44	107.49
DALYs (Disability-Adjusted Life Years)	Male	65-69 years	Number	107770.86	139200.85	82486.42
DALYs (Disability-Adjusted Life Years)	Female	65-69 years	Number	256535.88	327592.00	199027.02
DALYs (Disability-Adjusted Life Years)	Male	65-69 years	Rate	81.75	105.59	62.57
DALYs (Disability-Adjusted Life Years)	Female	65-69 years	Rate	178.14	227.48	138.20
DALYs (Disability-Adjusted Life Years)	Male	70-74 years	Number	100801.48	126513.71	76471.41
DALYs (Disability-Adjusted Life Years)	Female	70-74 years	Number	224152.64	280154.85	175623.60
DALYs (Disability-Adjusted Life Years)	Male	70-74 years	Rate	104.58	131.25	79.33
DALYs (Disability-Adjusted Life Years)	Female	70-74 years	Rate	204.80	255.97	160.46
DALYs (Disability-Adjusted Life Years)	Male	75-79 years	Number	76381.82	92581.00	58404.98
DALYs (Disability-Adjusted Life Years)	Female	75-79 years	Number	161003.02	194968.43	127139.91
DALYs (Disability-Adjusted Life Years)	Male	75-79 years	Rate	127.76	154.85	97.69
DALYs (Disability-Adjusted Life Years)	Female	75-79 years	Rate	223.31	270.42	176.34
DALYs (Disability-Adjusted Life Years)	Male	80-84 years	Number	47453.86	56824.23	37222.96
DALYs (Disability-Adjusted Life Years)	Female	80-84 years	Number	111517.92	133670.35	88837.45
DALYs (Disability-Adjusted Life Years)	Male	80-84 years	Rate	129.47	155.04	101.56
DALYs (Disability-Adjusted Life Years)	Female	80-84 years	Rate	218.96	262.45	174.43
DALYs (Disability-Adjusted Life Years)	Male	85-89 years	Number	26134.23	31454.16	20330.39

DALYs (Disability-Adjusted Life Years)	Female	85-89 years	Number	60752.54	71844.14	49439.46
DALYs (Disability-Adjusted Life Years)	Male	85-89 years	Rate	151.48	182.31	117.84
DALYs (Disability-Adjusted Life Years)	Female	85-89 years	Rate	213.40	252.36	173.66
DALYs (Disability-Adjusted Life Years)	Male	90-94 years	Number	8105.09	9579.66	6228.06
DALYs (Disability-Adjusted Life Years)	Female	90-94 years	Number	25378.33	29805.79	20880.74
DALYs (Disability-Adjusted Life Years)	Male	90-94 years	Rate	139.06	164.36	106.86
DALYs (Disability-Adjusted Life Years)	Female	90-94 years	Rate	210.42	247.13	173.13
DALYs (Disability-Adjusted Life Years)	Male	95+ years	Number	1794.33	2161.68	1435.39
DALYs (Disability-Adjusted Life Years)	Female	95+ years	Number	8236.72	9569.12	6684.71
DALYs (Disability-Adjusted Life Years)	Male	95+ years	Rate	118.67	142.96	94.93
DALYs (Disability-Adjusted Life Years)	Female	95+ years	Rate	209.15	242.98	169.74
Prevalence	Male	95+ years	Number	4746.52	5440.30	4175.08
Prevalence	Female	95+ years	Number	26061.12	29563.61	23055.40
Prevalence	Male	95+ years	Rate	313.91	359.80	276.12
Prevalence	Female	95+ years	Rate	661.74	750.68	585.42
Prevalence	Male	10-14 years	Number	22598.75	36075.99	12887.64
Prevalence	Female	10-14 years	Number	43044.46	62664.87	27667.31
Prevalence	Male	10-14 years	Rate	6.57	10.50	3.75
Prevalence	Female	10-14 years	Rate	13.33	19.41	8.57
Prevalence	Male	15-19 years	Number	55232.20	76966.24	34847.98
Prevalence	Female	15-19 years	Number	127549.87	176191.90	86157.88

Prevalence	Male	15-19 years	Rate	17.24	24.03	10.88
Prevalence	Female	15-19 years	Rate	42.01	58.02	28.37
Prevalence	Male	20-24 years	Number	99812.46	142764.74	65481.53
Prevalence	Female	20-24 years	Number	260017.81	360820.61	178906.50
Prevalence	Male	20-24 years	Rate	32.90	47.05	21.58
Prevalence	Female	20-24 years	Rate	88.52	122.83	60.90
Prevalence	Male	25-29 years	Number	157508.86	214899.29	110398.36
Prevalence	Female	25-29 years	Number	431982.01	564376.69	318372.54
Prevalence	Male	25-29 years	Rate	52.97	72.27	37.13
Prevalence	Female	25-29 years	Rate	148.45	193.95	109.41
Prevalence	Male	30-34 years	Number	238956.68	323375.02	173752.27
Prevalence	Female	30-34 years	Number	662972.75	876566.04	504387.48
Prevalence	Male	30-34 years	Rate	78.21	105.83	56.87
Prevalence	Female	30-34 years	Rate	221.78	293.23	168.73
Prevalence	Male	35-39 years	Number	296591.61	393026.87	222010.05
Prevalence	Female	35-39 years	Number	838403.01	1067176.87	647626.67
Prevalence	Male	35-39 years	Rate	104.78	138.85	78.43
Prevalence	Female	35-39 years	Rate	301.80	384.15	233.12
Prevalence	Male	40-44 years	Number	344429.58	441812.98	258799.25
Prevalence	Female	40-44 years	Number	968679.53	1185887.93	762423.09
Prevalence	Male	40-44 years	Rate	136.59	175.21	102.63
Prevalence	Female	40-44 years	Rate	390.46	478.01	307.32
Prevalence	Male	45-49 years	Number	427549.10	539248.02	326816.23
Prevalence	Female	45-49 years	Number	1160348.52	1405794.67	926643.42
Prevalence	Male	45-49 years	Rate	179.75	226.71	137.40
Prevalence	Female	45-49 years	Rate	492.42	596.58	393.24
Prevalence	Male	50-54 years	Number	510411.68	631027.64	399435.25

Prevalence	Female	50-54 years	Number	1338622.52	1588886.66	1102871.31
Prevalence	Male	50-54 years	Rate	229.94	284.27	179.94
Prevalence	Female	50-54 years	Rate	600.43	712.69	494.69
Prevalence	Male	55-59 years	Number	561415.92	677721.14	459573.26
Prevalence	Female	55-59 years	Number	1450254.88	1696669.14	1236441.27
Prevalence	Male	55-59 years	Rate	288.31	348.04	236.01
Prevalence	Female	55-59 years	Rate	721.51	844.10	615.13
Prevalence	Male	60-64 years	Number	545442.64	646304.01	459841.56
Prevalence	Female	60-64 years	Number	1402662.17	1624411.38	1219060.08
Prevalence	Male	60-64 years	Rate	350.68	415.53	295.65
Prevalence	Female	60-64 years	Rate	852.63	987.42	741.02
Prevalence	Male	65-69 years	Number	568011.87	674651.56	482160.12
Prevalence	Female	65-69 years	Number	1429886.86	1646746.13	1238047.24
Prevalence	Male	65-69 years	Rate	430.86	511.75	365.73
Prevalence	Female	65-69 years	Rate	992.92	1143.50	859.70
Prevalence	Male	70-74 years	Number	479494.09	558715.91	414602.23
Prevalence	Female	70-74 years	Number	1179811.89	1348838.34	1031591.83
Prevalence	Male	70-74 years	Rate	497.44	579.63	430.12
Prevalence	Female	70-74 years	Rate	1077.97	1232.40	942.54
Prevalence	Male	75-79 years	Number	323391.22	372891.40	282406.60
Prevalence	Female	75-79 years	Number	779448.46	880519.84	691422.00
Prevalence	Male	75-79 years	Rate	540.91	623.70	472.36
Prevalence	Female	75-79 years	Rate	1081.10	1221.29	959.01
Prevalence	Male	80-84 years	Number	198905.32	224562.43	175453.61
Prevalence	Female	80-84 years	Number	509808.55	568402.68	456656.38
Prevalence	Male	80-84 years	Rate	542.69	612.69	478.70
Prevalence	Female	80-84 years	Rate	1000.98	1116.02	896.61

Prevalence	Male	85-89 years	Number	87247.93	97864.13	77804.62
Prevalence	Female	85-89 years	Number	262832.98	292541.45	236290.74
Prevalence	Male	85-89 years	Rate	505.71	567.24	450.97
Prevalence	Female	85-89 years	Rate	923.22	1027.57	829.99
Prevalence	Male	90-94 years	Number	24326.29	27450.50	21695.49
Prevalence	Female	90-94 years	Number	97057.64	108604.64	87365.15
Prevalence	Male	90-94 years	Rate	417.37	470.97	372.23
Prevalence	Female	90-94 years	Rate	804.73	900.47	724.37
Prevalence	Male	<5 years	Number	0.00	0.00	0.00
Prevalence	Female	<5 years	Number	0.00	0.00	0.00
Prevalence	Male	<5 years	Rate	0.00	0.00	0.00
Prevalence	Female	<5 years	Rate	0.00	0.00	0.00
Prevalence	Male	5-9 years	Number	3448.26	6111.36	1517.07
Prevalence	Female	5-9 years	Number	5701.30	9602.51	2896.46
Prevalence	Male	5-9 years	Rate	0.97	1.72	0.43
Prevalence	Female	5-9 years	Rate	1.71	2.89	0.87
Incidence	Male	95+ years	Number	25.16	33.15	17.63
Incidence	Female	95+ years	Number	96.00	131.36	63.67
Incidence	Male	95+ years	Rate	1.66	2.19	1.17
Incidence	Female	95+ years	Rate	2.44	3.34	1.62
Incidence	Male	40-44 years	Number	21978.47	31461.29	13262.77
Incidence	Female	40-44 years	Number	56820.80	79284.48	35209.69
Incidence	Male	40-44 years	Rate	8.72	12.48	5.26
Incidence	Female	40-44 years	Rate	22.90	31.96	14.19
Incidence	Male	45-49 years	Number	25228.86	38785.23	15691.80
Incidence	Female	45-49 years	Number	59222.48	86087.07	38717.10
Incidence	Male	45-49 years	Rate	10.61	16.31	6.60

Incidence	Female	45-49 years	Rate	25.13	36.53	16.43
Incidence	Male	50-54 years	Number	29189.71	41163.82	19533.22
Incidence	Female	50-54 years	Number	64607.27	90171.13	43477.82
Incidence	Male	50-54 years	Rate	13.15	18.54	8.80
Incidence	Female	50-54 years	Rate	28.98	40.45	19.50
Incidence	Male	55-59 years	Number	31722.86	46415.70	20247.34
Incidence	Female	55-59 years	Number	68269.37	98672.11	44041.09
Incidence	Male	55-59 years	Rate	16.29	23.84	10.40
Incidence	Female	55-59 years	Rate	33.96	49.09	21.91
Incidence	Male	60-64 years	Number	31188.95	45053.25	19650.76
Incidence	Female	60-64 years	Number	67244.60	95989.49	43459.02
Incidence	Male	60-64 years	Rate	20.05	28.97	12.63
Incidence	Female	60-64 years	Rate	40.88	58.35	26.42
Incidence	Male	65-69 years	Number	31874.55	43620.71	20869.46
Incidence	Female	65-69 years	Number	63925.72	87313.58	41732.44
Incidence	Male	65-69 years	Rate	24.18	33.09	15.83
Incidence	Female	65-69 years	Rate	44.39	60.63	28.98
Incidence	Male	70-74 years	Number	25316.92	36541.62	15906.55
Incidence	Female	70-74 years	Number	45322.58	66766.19	27879.12
Incidence	Male	70-74 years	Rate	26.26	37.91	16.50
Incidence	Female	70-74 years	Rate	41.41	61.00	25.47
Incidence	Male	75-79 years	Number	15600.84	19607.44	11584.72
Incidence	Female	75-79 years	Number	24230.82	31747.11	17482.51
Incidence	Male	75-79 years	Rate	26.09	32.80	19.38
Incidence	Female	75-79 years	Rate	33.61	44.03	24.25
Incidence	Male	80-84 years	Number	7851.09	10571.79	5333.09
Incidence	Female	80-84 years	Number	12508.05	17415.52	8231.22

Incidence	Male	80-84 years	Rate	21.42	28.84	14.55
Incidence	Female	80-84 years	Rate	24.56	34.19	16.16
Incidence	Male	85-89 years	Number	2482.13	3316.39	1695.16
Incidence	Female	85-89 years	Number	4987.49	6912.55	3295.80
Incidence	Male	85-89 years	Rate	14.39	19.22	9.83
Incidence	Female	85-89 years	Rate	17.52	24.28	11.58
Incidence	Male	90-94 years	Number	434.06	576.25	300.33
Incidence	Female	90-94 years	Number	1201.79	1653.45	796.04
Incidence	Male	90-94 years	Rate	7.45	9.89	5.15
Incidence	Female	90-94 years	Rate	9.96	13.71	6.60
Incidence	Male	<5 years	Number	0.00	0.00	0.00
Incidence	Female	<5 years	Number	0.00	0.00	0.00
Incidence	Male	<5 years	Rate	0.00	0.00	0.00
Incidence	Female	<5 years	Rate	0.00	0.00	0.00
Incidence	Male	5-9 years	Number	2070.87	3662.88	912.54
Incidence	Female	5-9 years	Number	3423.79	5755.43	1746.48
Incidence	Male	5-9 years	Rate	0.58	1.03	0.26
Incidence	Female	5-9 years	Rate	1.03	1.73	0.53
Incidence	Male	10-14 years	Number	5930.56	8393.83	3771.16
Incidence	Female	10-14 years	Number	13074.13	17835.81	8822.42
Incidence	Male	10-14 years	Rate	1.73	2.44	1.10
Incidence	Female	10-14 years	Rate	4.05	5.52	2.73
Incidence	Male	15-19 years	Number	9033.05	14337.86	5255.27
Incidence	Female	15-19 years	Number	24318.46	36431.72	14850.09
Incidence	Male	15-19 years	Rate	2.82	4.48	1.64
Incidence	Female	15-19 years	Rate	8.01	12.00	4.89
Incidence	Male	20-24 years	Number	11650.25	16570.65	7511.12

Incidence	Female	20-24 years	Number	33814.55	45223.85	23715.41
Incidence	Male	20-24 years	Rate	3.84	5.46	2.48
Incidence	Female	20-24 years	Rate	11.51	15.40	8.07
Incidence	Male	25-29 years	Number	14230.39	22377.49	8330.54
Incidence	Female	25-29 years	Number	42184.83	62215.66	26662.53
Incidence	Male	25-29 years	Rate	4.79	7.53	2.80
Incidence	Female	25-29 years	Rate	14.50	21.38	9.16
Incidence	Male	30-34 years	Number	18435.94	26924.09	11225.61
Incidence	Female	30-34 years	Number	52988.25	73283.96	33993.99
Incidence	Male	30-34 years	Rate	6.03	8.81	3.67
Incidence	Female	30-34 years	Rate	17.73	24.52	11.37
Incidence	Male	35-39 years	Number	20573.48	30512.61	11150.39
Incidence	Female	35-39 years	Number	57260.38	80509.79	34246.61
Incidence	Male	35-39 years	Rate	7.27	10.78	3.94
Incidence	Female	35-39 years	Rate	20.61	28.98	12.33

Supplementary Table S6. RA-related DALYs number and rate in males and females in 2021 across different age groups attributed to risk factors.

Sex	Age	Risk factor	Metric	Val	Upper	Lower
Female	30-34 years	All risk factors	Number	3443.76	5386.29	2073.89
Female	30-34 years	Smoking	Number	3443.76	5386.29	2073.89
Female	30-34 years	Behavioural risks	Number	3443.76	5386.29	2073.89
Female	30-34 years	Tobacco	Number	3443.76	5386.29	2073.89
Female	35-39 years	All risk factors	Number	4606.23	7316.22	2823.25
Female	35-39 years	Tobacco	Number	4606.23	7316.22	2823.25
Female	35-39 years	Smoking	Number	4606.23	7316.22	2823.25
Female	35-39 years	Behavioural risks	Number	4606.23	7316.22	2823.25
Female	40-44 years	All risk factors	Number	6059.02	9191.69	3732.26
Female	40-44 years	Tobacco	Number	6059.02	9191.69	3732.26
Female	40-44 years	Smoking	Number	6059.02	9191.69	3732.26
Female	40-44 years	Behavioural risks	Number	6059.02	9191.69	3732.26
Female	45-49 years	Smoking	Number	7701.14	11471.89	4870.73
Female	45-49 years	All risk factors	Number	7701.14	11471.89	4870.73
Female	45-49 years	Tobacco	Number	7701.14	11471.89	4870.73

Female	45-49 years	Behavioural risks	Number	7701.14	11471.89	4870.73
Female	50-54 years	Smoking	Number	9935.96	14668.90	6422.96
Female	50-54 years	All risk factors	Number	9935.96	14668.90	6422.96
Female	50-54 years	Tobacco	Number	9935.96	14668.90	6422.96
Female	50-54 years	Behavioural risks	Number	9935.96	14668.90	6422.96
Female	55-59 years	Smoking	Number	12042.42	17449.34	8127.01
Female	55-59 years	All risk factors	Number	12042.42	17449.34	8127.01
Female	55-59 years	Tobacco	Number	12042.42	17449.34	8127.01
Female	55-59 years	Behavioural risks	Number	12042.42	17449.34	8127.01
Female	60-64 years	Smoking	Number	10920.37	15696.20	7176.16
Female	60-64 years	All risk factors	Number	10920.37	15696.20	7176.16
Female	60-64 years	Tobacco	Number	10920.37	15696.20	7176.16
Female	60-64 years	Behavioural risks	Number	10920.37	15696.20	7176.16
Female	65-69 years	All risk factors	Number	9995.25	13880.91	6878.11
Female	65-69 years	Tobacco	Number	9995.25	13880.91	6878.11
Female	65-69 years	Behavioural risks	Number	9995.25	13880.91	6878.11
Female	65-69 years	Smoking	Number	9995.25	13880.91	6878.11
Female	70-74 years	Smoking	Number	7481.72	10465.00	5076.41

Female	70-74 years	All risk factors	Number	7481.72	10465.00	5076.41
Female	70-74 years	Tobacco	Number	7481.72	10465.00	5076.41
Female	70-74 years	Behavioural risks	Number	7481.72	10465.00	5076.41
Female	75-79 years	Smoking	Number	4214.10	5835.75	2904.46
Female	75-79 years	All risk factors	Number	4214.10	5835.75	2904.46
Female	75-79 years	Tobacco	Number	4214.10	5835.75	2904.46
Female	75-79 years	Behavioural risks	Number	4214.10	5835.75	2904.46
Female	80-84 years	Smoking	Number	2217.85	3165.70	1531.65
Female	80-84 years	All risk factors	Number	2217.85	3165.70	1531.65
Female	80-84 years	Tobacco	Number	2217.85	3165.70	1531.65
Female	80-84 years	Behavioural risks	Number	2217.85	3165.70	1531.65
Female	85-89 years	Smoking	Number	1162.26	1644.10	809.44
Female	85-89 years	Tobacco	Number	1162.26	1644.10	809.44
Female	85-89 years	All risk factors	Number	1162.26	1644.10	809.44
Female	85-89 years	Behavioural risks	Number	1162.26	1644.10	809.44
Female	90-94 years	Smoking	Number	466.51	648.37	321.05
Female	90-94 years	Tobacco	Number	466.51	648.37	321.05
Female	90-94 years	All risk factors	Number	466.51	648.37	321.05

Female	90-94 years	Behavioural risks	Number	466.51	648.37	321.05
Female	95+ years	Smoking	Number	129.90	179.38	86.69
Female	95+ years	Tobacco	Number	129.90	179.38	86.69
Female	95+ years	All risk factors	Number	129.90	179.38	86.69
Female	95+ years	Behavioural risks	Number	129.90	179.38	86.69
Male	30-34 years	All risk factors	Number	6200.24	9889.85	3721.55
Male	30-34 years	Smoking	Number	6200.24	9889.85	3721.55
Male	30-34 years	Behavioural risks	Number	6200.24	9889.85	3721.55
Male	30-34 years	Tobacco	Number	6200.24	9889.85	3721.55
Male	35-39 years	All risk factors	Number	7935.32	12519.16	4831.64
Male	35-39 years	Tobacco	Number	7935.32	12519.16	4831.64
Male	35-39 years	Smoking	Number	7935.32	12519.16	4831.64
Male	35-39 years	Behavioural risks	Number	7935.32	12519.16	4831.64
Male	40-44 years	All risk factors	Number	9687.86	14793.47	5995.58
Male	40-44 years	Tobacco	Number	9687.86	14793.47	5995.58
Male	40-44 years	Smoking	Number	9687.86	14793.47	5995.58
Male	40-44 years	Behavioural risks	Number	9687.86	14793.47	5995.58
Male	45-49 years	Smoking	Number	12670.98	19349.86	8083.78

Male	45-49 years	All risk factors	Number	12670.98	19349.86	8083.78
Male	45-49 years	Tobacco	Number	12670.98	19349.86	8083.78
Male	45-49 years	Behavioural risks	Number	12670.98	19349.86	8083.78
Male	50-54 years	Smoking	Number	16461.89	24474.73	10763.59
Male	50-54 years	All risk factors	Number	16461.89	24474.73	10763.59
Male	50-54 years	Tobacco	Number	16461.89	24474.73	10763.59
Male	50-54 years	Behavioural risks	Number	16461.89	24474.73	10763.59
Male	55-59 years	Smoking	Number	18190.67	26352.89	12188.75
Male	55-59 years	All risk factors	Number	18190.67	26352.89	12188.75
Male	55-59 years	Tobacco	Number	18190.67	26352.89	12188.75
Male	55-59 years	Behavioural risks	Number	18190.67	26352.89	12188.75
Male	60-64 years	Smoking	Number	16703.92	23155.65	11329.46
Male	60-64 years	All risk factors	Number	16703.92	23155.65	11329.46
Male	60-64 years	Tobacco	Number	16703.92	23155.65	11329.46
Male	60-64 years	Behavioural risks	Number	16703.92	23155.65	11329.46
Male	65-69 years	Smoking	Number	17209.66	23748.67	12036.68
Male	65-69 years	All risk factors	Number	17209.66	23748.67	12036.68
Male	65-69 years	Tobacco	Number	17209.66	23748.67	12036.68
Male	65-69 years	Behavioural risks	Number	17209.66	23748.67	12036.68

Male	70-74 years	Smoking	Number	13739.52	18869.01	9577.28
Male	70-74 years	All risk factors	Number	13739.52	18869.01	9577.28
Male	70-74 years	Tobacco	Number	13739.52	18869.01	9577.28
Male	70-74 years	Behavioural risks	Number	13739.52	18869.01	9577.28
Male	75-79 years	Smoking	Number	8991.20	12095.31	6430.78
Male	75-79 years	All risk factors	Number	8991.20	12095.31	6430.78
Male	75-79 years	Tobacco	Number	8991.20	12095.31	6430.78
Male	75-79 years	Behavioural risks	Number	8991.20	12095.31	6430.78
Male	80-84 years	Smoking	Number	4459.76	6153.47	3120.55
Male	80-84 years	All risk factors	Number	4459.76	6153.47	3120.55
Male	80-84 years	Tobacco	Number	4459.76	6153.47	3120.55
Male	80-84 years	Behavioural risks	Number	4459.76	6153.47	3120.55
Male	85-89 years	Smoking	Number	2376.19	3208.84	1610.84
Male	85-89 years	Tobacco	Number	2376.19	3208.84	1610.84
Male	85-89 years	All risk factors	Number	2376.19	3208.84	1610.84
Male	85-89 years	Behavioural risks	Number	2376.19	3208.84	1610.84
Male	90-94 years	Smoking	Number	663.32	901.35	441.10
Male	90-94 years	Tobacco	Number	663.32	901.35	441.10

Male	90-94 years	All risk factors	Number	663.32	901.35	441.10
Male	90-94 years	Behavioural risks	Number	663.32	901.35	441.10
Male	95+ years	Smoking	Number	112.85	153.36	74.68
Male	95+ years	Tobacco	Number	112.85	153.36	74.68
Male	95+ years	All risk factors	Number	112.85	153.36	74.68
Male	95+ years	Behavioural risks	Number	112.85	153.36	74.68
Female	30-34 years	All risk factors	Rate	1.15	1.80	0.69
Female	30-34 years	Smoking	Rate	1.15	1.80	0.69
Female	30-34 years	Behavioural risks	Rate	1.15	1.80	0.69
Female	30-34 years	Tobacco	Rate	1.15	1.80	0.69
Female	35-39 years	All risk factors	Rate	1.66	2.63	1.02
Female	35-39 years	Tobacco	Rate	1.66	2.63	1.02
Female	35-39 years	Smoking	Rate	1.66	2.63	1.02
Female	35-39 years	Behavioural risks	Rate	1.66	2.63	1.02
Female	40-44 years	All risk factors	Rate	2.44	3.70	1.50
Female	40-44 years	Tobacco	Rate	2.44	3.70	1.50
Female	40-44 years	Smoking	Rate	2.44	3.70	1.50
Female	40-44 years	Behavioural risks	Rate	2.44	3.70	1.50

Female	45-49 years	Smoking	Rate	3.27	4.87	2.07
Female	45-49 years	All risk factors	Rate	3.27	4.87	2.07
Female	45-49 years	Tobacco	Rate	3.27	4.87	2.07
Female	45-49 years	Behavioural risks	Rate	3.27	4.87	2.07
Female	50-54 years	Smoking	Rate	4.46	6.58	2.88
Female	50-54 years	All risk factors	Rate	4.46	6.58	2.88
Female	50-54 years	Tobacco	Rate	4.46	6.58	2.88
Female	50-54 years	Behavioural risks	Rate	4.46	6.58	2.88
Female	55-59 years	Smoking	Rate	5.99	8.68	4.04
Female	55-59 years	All risk factors	Rate	5.99	8.68	4.04
Female	55-59 years	Tobacco	Rate	5.99	8.68	4.04
Female	55-59 years	Behavioural risks	Rate	5.99	8.68	4.04
Female	60-64 years	Smoking	Rate	6.64	9.54	4.36
Female	60-64 years	All risk factors	Rate	6.64	9.54	4.36
Female	60-64 years	Tobacco	Rate	6.64	9.54	4.36
Female	60-64 years	Behavioural risks	Rate	6.64	9.54	4.36
Female	65-69 years	Smoking	Rate	6.94	9.64	4.78
Female	65-69 years	All risk factors	Rate	6.94	9.64	4.78

Female	65-69 years	Tobacco	Rate	6.94	9.64	4.78
Female	65-69 years	Behavioural risks	Rate	6.94	9.64	4.78
Female	70-74 years	Smoking	Rate	6.84	9.56	4.64
Female	70-74 years	All risk factors	Rate	6.84	9.56	4.64
Female	70-74 years	Tobacco	Rate	6.84	9.56	4.64
Female	70-74 years	Behavioural risks	Rate	6.84	9.56	4.64
Female	75-79 years	Smoking	Rate	5.84	8.09	4.03
Female	75-79 years	All risk factors	Rate	5.84	8.09	4.03
Female	75-79 years	Tobacco	Rate	5.84	8.09	4.03
Female	75-79 years	Behavioural risks	Rate	5.84	8.09	4.03
Female	80-84 years	Smoking	Rate	4.35	6.22	3.01
Female	80-84 years	All risk factors	Rate	4.35	6.22	3.01
Female	80-84 years	Tobacco	Rate	4.35	6.22	3.01
Female	80-84 years	Behavioural risks	Rate	4.35	6.22	3.01
Female	85-89 years	Smoking	Rate	4.08	5.78	2.84
Female	85-89 years	Tobacco	Rate	4.08	5.78	2.84
Female	85-89 years	All risk factors	Rate	4.08	5.78	2.84
Female	85-89 years	Behavioural risks	Rate	4.08	5.78	2.84

Female	90-94 years	Smoking	Rate	3.87	5.38	2.66
Female	90-94 years	Tobacco	Rate	3.87	5.38	2.66
Female	90-94 years	All risk factors	Rate	3.87	5.38	2.66
Female	90-94 years	Behavioural risks	Rate	3.87	5.38	2.66
Female	95+ years	Smoking	Rate	3.30	4.55	2.20
Female	95+ years	Tobacco	Rate	3.30	4.55	2.20
Female	95+ years	All risk factors	Rate	3.30	4.55	2.20
Female	95+ years	Behavioural risks	Rate	3.30	4.55	2.20
Male	30-34 years	All risk factors	Rate	2.03	3.24	1.22
Male	30-34 years	Smoking	Rate	2.03	3.24	1.22
Male	30-34 years	Behavioural risks	Rate	2.03	3.24	1.22
Male	30-34 years	Tobacco	Rate	2.03	3.24	1.22
Male	35-39 years	All risk factors	Rate	2.80	4.42	1.71
Male	35-39 years	Tobacco	Rate	2.80	4.42	1.71
Male	35-39 years	Smoking	Rate	2.80	4.42	1.71
Male	35-39 years	Behavioural risks	Rate	2.80	4.42	1.71
Male	40-44 years	All risk factors	Rate	3.84	5.87	2.38

Male	40-44 years	Tobacco	Rate	3.84	5.87	2.38
Male	40-44 years	Smoking	Rate	3.84	5.87	2.38
Male	40-44 years	Behavioural risks	Rate	3.84	5.87	2.38
Male	45-49 years	Smoking	Rate	5.33	8.13	3.40
Male	45-49 years	All risk factors	Rate	5.33	8.13	3.40
Male	45-49 years	Tobacco	Rate	5.33	8.13	3.40
Male	45-49 years	Behavioural risks	Rate	5.33	8.13	3.40
Male	50-54 years	Smoking	Rate	7.42	11.03	4.85
Male	50-54 years	All risk factors	Rate	7.42	11.03	4.85
Male	50-54 years	Tobacco	Rate	7.42	11.03	4.85
Male	50-54 years	Behavioural risks	Rate	7.42	11.03	4.85
Male	55-59 years	Smoking	Rate	9.34	13.53	6.26
Male	55-59 years	All risk factors	Rate	9.34	13.53	6.26
Male	55-59 years	Tobacco	Rate	9.34	13.53	6.26
Male	55-59 years	Behavioural risks	Rate	9.34	13.53	6.26
Male	60-64 years	Smoking	Rate	10.74	14.89	7.28
Male	60-64 years	All risk factors	Rate	10.74	14.89	7.28

Male	60-64 years	Tobacco	Rate	10.74	14.89	7.28
Male	60-64 years	Behavioural risks	Rate	10.74	14.89	7.28
Male	65-69 years	Smoking	Rate	13.05	18.01	9.13
Male	65-69 years	All risk factors	Rate	13.05	18.01	9.13
Male	65-69 years	Tobacco	Rate	13.05	18.01	9.13
Male	65-69 years	Behavioural risks	Rate	13.05	18.01	9.13
Male	70-74 years	Smoking	Rate	14.25	19.58	9.94
Male	70-74 years	All risk factors	Rate	14.25	19.58	9.94
Male	70-74 years	Tobacco	Rate	14.25	19.58	9.94
Male	70-74 years	Behavioural risks	Rate	14.25	19.58	9.94
Male	75-79 years	Smoking	Rate	15.04	20.23	10.76
Male	75-79 years	All risk factors	Rate	15.04	20.23	10.76
Male	75-79 years	Tobacco	Rate	15.04	20.23	10.76
Male	75-79 years	Behavioural risks	Rate	15.04	20.23	10.76
Male	80-84 years	Smoking	Rate	12.17	16.79	8.51
Male	80-84 years	All risk factors	Rate	12.17	16.79	8.51
Male	80-84 years	Tobacco	Rate	12.17	16.79	8.51
Male	80-84 years	Behavioural risks	Rate	12.17	16.79	8.51

Male	85-89 years	Smoking	Rate	13.77	18.60	9.34
Male	85-89 years	Tobacco	Rate	13.77	18.60	9.34
Male	85-89 years	All risk factors	Rate	13.77	18.60	9.34
Male	85-89 years	Behavioural risks	Rate	13.77	18.60	9.34
Male	90-94 years	Smoking	Rate	11.38	15.46	7.57
Male	90-94 years	Tobacco	Rate	11.38	15.46	7.57
Male	90-94 years	All risk factors	Rate	11.38	15.46	7.57
Male	90-94 years	Behavioural risks	Rate	11.38	15.46	7.57
Male	95+ years	Smoking	Rate	7.46	10.14	4.94
Male	95+ years	Tobacco	Rate	7.46	10.14	4.94
Male	95+ years	All risk factors	Rate	7.46	10.14	4.94
Male	95+ years	Behavioural risks	Rate	7.46	10.14	4.94
