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# The state of health in the European Union (EU-27) in 2019: a systematic analysis for the Global Burden of Disease study 2019.

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# RESEARCH

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# The state of health in the European Union (EU-27) in 2019: a systematic analysis for the Global Burden of Disease study 2019

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# Abstract

**Background** The European Union (EU) faces many health-related challenges. Burden of diseases information and the resulting trends over time are essential for health planning. This paper reports estimates of disease burden in the EU and individual 27 EU countries in 2019, and compares them with those in 2010.

**Methods** We used the Global Burden of Disease 2019 study estimates and 95% uncertainty intervals for the whole EU and each country to evaluate age-standardised death, years of life lost (YLLs), years lived with disability (YLDs) and disability-adjusted life years (DALYs) rates for Level 2 causes, as well as life expectancy and healthy life expectancy (HALE).

**Results** In 2019, the age-standardised death and DALY rates in the EU were 465.8 deaths and 20,251.0 DALYs per 100,000 inhabitants, respectively. Between 2010 and 2019, there were significant decreases in age-standardised death and YLL rates across EU countries. However, YLD rates remained mainly unchanged. The largest decreases in age-standardised DALY rates were observed for "HIV/AIDS and sexually transmitted diseases" and "transport injuries" (each -19%). "Diabetes and kidney diseases" showed a significant increase for age-standardised DALY rates across the EU (3.5%). In addition, "mental disorders" showed an increasing age-standardised YLL rate (14.5%).

**Conclusions** There was a clear trend towards improvement in the overall health status of the EU but with differences between countries. EU health policymakers need to address the burden of diseases, paying specific attention to causes such as mental disorders. There are many opportunities for mutual learning among otherwise similar countries with different patterns of disease.

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# **Key-points**

• This article, systematically analysing GBD 2019 study estimates, presents an overview of the state of health in the European Union in 2019, compared to 2010.

• There was an improvement in the overall health status of the EU, despite substantial differences between Member States.

• Cardiovascular diseases and neoplasms are the major contributors to the overall burden of diseases in the EU in 2019.

• The age-standardised rate of years lived with disability due to mental disorders has been increasing and is expected to increase even more because of the COVID-19 pandemic.

• This report provides a framework upon which to base further region- and country-specific health policies and interventions, to support health planning and priority setting.

**Keywords** European Union, Health status, Population health, Global Burden of Diseases, European Burden of Disease Network

# Introduction

The European Union (EU) faces many challenges that impact current and future population health, including complex issues such as population ageing, digital and green transitions, socio-economic challenges and the organisation of health systems. In addition, there are still significant differences in health status between EU countries which are associated with factors such as structural and budgetary differences, variations in the effectiveness of public health policies and health related risk factors [1-6]. In fact, health systems differ across the EU and, for instance, while the 2008 global financial crisis reduced annual health budgets, this did not happen uniformly. In addition, as population ageing advances, multimorbidity and frailty are becoming more common and need to be addressed to improve the well-being of EU countries [7-9].

According to Eurostat, life expectancy at birth in the EU was 81.0 years in 2019, with women living, on average, 5.5 years longer than men [4, 10]. Beyond life expectancy, population health can be summarised through combined health metrics such as healthadjusted life expectancy (HALE) and disability-adjusted life years (DALYs). DALYs consist of two components: (i) years of life lost (YLLs), which captures health loss due to premature mortality, and (ii) years lived with disability (YLDs), which quantifies health loss due to morbidity. A previous study showed a decline in YLD and DALY rates, an increase in life expectancy of 5.9 years and an increase in HALE of 4.6 years, on average, from 1990 to 2017 among EU-28 countries [11]. However, another study concluded that, despite the improvement in the health status of the EU, several central and eastern European countries had not experienced such pronounced gains in overall health in comparison to the EU-15 [12].

Accurate and timely data on mortality and morbidity, caused by diseases and injuries and their trends over time are essential to assess the impact of health strategies and assist policy makers in improving health planning and priority setting. This information can also be used to understand between-region variations, providing opportunities for mutual learning among EU countries. The Global Burden of Disease (GBD) study generates estimates of population health using a wide range of metrics, capturing the impact of diseases, injuries and risk factors on health. Furthermore, it allows for comprehensive comparisons over time and across countries. Burden of disease estimates are increasingly used in the EU and globally, as they provide a comprehensive and comparable picture of the overall population health status. An earlier analysis of the results from the GBD 2017 study for the EU countries examined changes since 2007 for the burden of diseases and injuries in the EU-28 in 2017 [13]. Between the release of the GBD 2017 and the GBD 2019 datasets, several improvements were made, including key demographic modelling steps, preferred/ reference case definitions or measurement methods and the development of a Bayesian meta-regression tool, as well as the inclusion of more data sources and 12 new causes [14, 15].

In this paper, we analyse the GBD 2019 study estimates (focusing on deaths, YLDs, YLLs, DALYs, life expectancy and HALE) and compare the years 2019 and 2010 to describe the current health status of the EU. The aim of this study is to provide a picture of the state of health in the EU-27 countries in 2019, to examine how these have changed since 2010 and to highlight meaningful opportunities that exist to improve health across the continent.

# Methods

# Data source and overview of the GBD 2019 study

We obtained estimates from the 2019 GBD study for the EU-27 region and for the 27 EU countries individually. Considering the period of analysis, the 27 EU member states countries included were: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden.

A detailed description of methods and results used in GBD 2019 has been published elsewhere [14-17]. In brief, the GBD 2019 study is a collaborative effort of more than 5,000 researchers, aiming to measure population health at global, regional and national levels by quantifying the burden of 369 diseases and injuries (i.e. 286 causes of death and 364 non-fatal causes) and 87 risk factors between 1990 and 2019 for 204 countries and territories. Several improvements were made in the GBD 2019 study, including key demographic modelling steps, reference case definitions or measurement methods and the Bayesian meta-regression tool. In addition, more data sources and 12 new causes were added to the GBD modelling framework, including pulmonary arterial hypertension, nine new sites of cancer, and two new sites of osteoarthritis (hand and other joints). The GBD produces estimates of incidence, prevalence, mortality, YLDs, YLLs, DALYs, life expectancy and HALE for the entire time span between 1990 and 2019. Cause-specific death rates and cause fractions are calculated using the Cause of Death Ensemble model (CODEm) and spatiotemporal Gaussian process regression. They are adjusted to match the total all-cause deaths calculated as part of the GBD population, fertility, and mortality estimates [15, 18].

DALYs consist of two main components: YLLs and YLDs. YLLs are calculated by multiplying the number of deaths of each age the remaining life expectancy (RLE) at age of death derived from the GBD standard life Table [19]. YLDs are estimated by multiplying the prevalence counts by the disability weight for each specific health outcome associated with a given disease or injury, with further adjustment for co-morbidity and severity. A Bayesian meta-regression modelling tool, DisMod-MR (Disease Modelling-Meta Regression) 2.1, ensures consistency between all epidemiologic metrics for most causes [16]. HALE accounts for years of life spent in good health and serves as a summary for both mortality and morbidity [13]. It thus corresponds to specific LE by age and geography, adjusted for the years spent living with disability and disability weights. All estimates are reported with their 95% uncertainty intervals (UI). UIs are propagated throughout the estimating process where 1000 draws are generated for each point estimate, and the 95% UIs are obtained by selecting the 2.5th and 97.5th percentiles of the draws. This approach ensures robustness in identifying meaningful differences and trends in health outcomes over time.

# Analytic strategies

The statistical significance of the difference between two estimates was defined as the absence of overlap between the 95% UI of those estimates. We analysed the overall (all ages and both sexes) and age group-specific rates for men and women. To analyse trends between 2010 and 2019, we relied on age-standardised rates and their relative changes since 2010. Difference between 2010 and 2019 was expressed in percentage change since 2010 (i.e. %*change*<sub>2010-2019</sub> =  $\frac{estimate_{2019} - estimate_{2010}}{estimate_{2010}} \times 100$ ). In the GBD 2019 study, the same methodology is applied across years, including for 2010 and 2019. Age-standardisation is based on the GBD 2019 world standard population, which adjusts for differences in age distributions across populations, ensuring comparability between groups with different age structures. These rates were calculated using methodologies outlined in the GBD study, which provides upper and lower bounds of the estimates, allowing for a comprehensive analysis of trends over time.

The GBD arranges diseases and injuries (causes) into hierarchically nested categories in four levels of aggregation. At every level of aggregation, causes are mutually exclusive and collectively exhaustive. We extended this analysis focusing on each of the 22 Level 2 causes, and including seven Level 2 causes from Level 1 in the "communicable, maternal, neonatal and nutritional diseases" group (enteric infections, respiratory infections and tuberculosis, HIV/AIDs and sexually transmitted infections, maternal and neonatal disorders, neglected tropical diseases and malaria, nutritional deficiencies, other infectious diseases), 12 in the "non-communicable diseases" (NCDs) group (cardiovascular diseases, chronic respiratory diseases, diabetes and kidney diseases, digestive diseases, mental disorders, musculoskeletal disorders, neoplasm, neurological disorders, sense organ diseases, skin and subcutaneous diseases, substance use disorders, other NCDs), and three in the "injuries" group (self-harm and interpersonal, unintentional injuries and transport injuries). We considered Level 2 causes to focus the analysis on broad disease categories due to their policy implications. These causes represent broad disease categories where policy implications can result in benefits for all conditions summarized in these broader categories. We thus provide insights into the major drivers of health outcomes within the population.

All results are based on the estimates extracted from the Global Burden of Disease Results database and GBD Compare [20, 21]. All analyses were carried out with the open-source R Statistical Software (version 3.4, Foundation for Statistical Computing, Vienna, Austria) [22]. The GBD study adheres to the Guidelines for Accurate and Transparent Health Estimates Reporting (GATHER) standards developed by WHO and others [23].

# Results

# Overall disease burden in the European Union

In 2019, the EU-27 had a total of 5,354,279 (95% UI: 5,206,626; 5,502,691) all-cause deaths, yielding a crude death rate of 1040.3 (95% UI: 1011.6; 1069.1) per 100 000 inhabitants. The age-standardised death rate for all causes was 465.8 (95% UI: 451.2; 480.9) per 100,000 inhabitants in the EU, with high variability across countries, ranging from 894.8 per 100,000 in Bulgaria to 385.9 per 100,000 in Spain. The total number of all-cause DALYs was 157,884,271 (95% UI: 139,041,970; 178,511,173), with a crude rate of 30,675 (95% UI: 27,014; 34,683) per 100,000 inhabitants. The all-cause age-standardised DALY rate per 100 000 inhabitants in 2019 was 20 251.0 (95% UI: 17 408.1; 23 513.9).

Eight countries (Bulgaria, Romania, Latvia, Hungary, Lithuania, Slovakia, Croatia, and Poland) reported significantly higher (i.e., the lower limit of the individual country 95% UI was higher than the upper limit of the EU 95% UI) all-cause age-standardised death rates than the EU. In contrast, nine countries (Spain, Italy, France, Luxembourg, Sweden, Malta, Austria, Finland, and Ireland) had significantly lower rates than the EU (Fig. 1A; Table 1). The all-cause age-standardised death rate in the EU declined on average by 8.8% (95% UI: -11.7; -5.9), ranging from -4.8% (95% UI: -7.2; -2.3) in Greece to -18.5% (95% UI; -30.7%; -4.5%) in Lithuania.

In 2019, compared to the EU, all-cause age-standardised DALY rates were significantly higher only in Bulgaria (Fig. 1B; Table 1). All-cause age-standardised DALY rates have declined significantly since 2010 (i.e., the upper limit of the 95% UI below zero) in most countries, except for Bulgaria, Croatia, Czechia, Estonia, Hungary, Romania, Slovakia, and Slovenia. Whilst most countries showed a decreasing trend in all-cause age-standardised YLL rates, no significant changes were found in all-cause age-standardised YLD rates between 2010 and 2019. Only Belgium, Lithuania, Portugal, and Slovenia experienced significant declines, while the Netherlands experienced significant increases in YLD rates (Table 1).

In 2019, life expectancy in the EU at birth was 81.0 years, ranging from 73.3 years in Bulgaria to 83.1 years in Italy and Spain. All countries experienced improvements in life expectancy between 2010 and 2019, with Lithuania having the highest increase (4.5%) and the EU-27 showing a 1.4% increase (from

79.8 years to 81.0 years). HALE at birth for the EU in 2019 was 69.8 years, ranging from 64.6 years in Bulgaria to 71.6 years in Spain, with HALE at birth improving by 1.2% between 2010 (i.e. 69.0 years) and 2019 across the EU-27. However, the gap between life expectancy and HALE widened from 10.8 years (13.6% of LE) in 2010 to 11.2 in 2019 (13.8% of LE), which suggests that YLDs represent a growing share of DALY rates.

# Overall disease burden by age and sex

DALY rates increased similarly with age in both males and females. However, across the EU in 2019, for most age groups, DALY rates were higher among males than females (Fig. 2). For males, DALY rates were mostly driven by YLLs in those aged above 44 years of age and by YLDs among younger (<44 years old) age groups. For females, this cut-off occurred at a more advanced age, with DALY rates mostly driven by YLLs in groups aged above 64 years. YLLs dominated over YLDs in both sexes particularly in age extremes, i.e. younger and older age groups (Fig. 2).

# Main causes of ill health

In 2019, the age-standardised death rates for cardiovascular diseases were significantly higher than the EU rate (159.0; 95% UI 142.2; 169.2) in most Central and Eastern European countries, with the highest values in Bulgaria, Romania, and Latvia, and significantly lower than the EU rate in some Western European countries (Fig. 1A). A similar geographic pattern was observed for age-standardised DALY rates for cardiovascular diseases, the second leading cause of age-standardised DALY in the EU (Fig. 1B).

Compared to the EU, the age-standardized death (143.6; 95% UI 133.8; 150.1) and DALY (3,342; 95% UI 3,175; 3,505) rates for neoplasms in 2019 were significantly lower in Spain, Sweden, Malta, Austria, and Finland (Fig. 1A and B). Hungary and Netherlands showed a significantly higher age-standardised death rate, with Hungary and Poland having a significantly higher age-standardized DALY rate (Fig. 1A and B). In fact, the age-standardised death rate in Hungary was almost two times higher than in France. Neoplasms were the leading cause of age-standardized DALY and the second highest cause of age-standardised mortality across the EU in 2019.

Digestive diseases are another example of high variability in death rates in EU countries. The highest (in Romania) to the lowest (in Malta) age-standardised death rates ratio is over 3.2. Additionally, countries of Central and Eastern Europe (Romania, Lithuania, Bulgaria, Hungary, Slovakia, Latvia, Poland) had significantly higher DALY rates than the EU rate.

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r infectious diseases	
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tional deficiencies	
tal disorders	
ected tropical ases and malaria	

| A   | All causes  | Cardiovascular diseases   | k Neoplasms   |  | _  | Digestive diseases  | Chronic respiratory<br>diseases  
  | Diabetes and kidney<br>diseases  
  |  
  | _  | Self-harm and interpersonal violence  | Other non-communicable<br>diseases  
  | Transport injuries   
  | Substance use disorders  | Maternal and neonatal<br>disorders  | Musculoskeletal<br>disorders   | Enteric infections  | K Skin and subcutaneous diseases   |  | HIV/AIDS and sexually<br>transmitted infections   | Nutritional deficiencies   | Mental disorders  
  | Neglected tropical<br>diseases and malaria   |
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--|
| EU-27<br>Spain  | 465.8<br>385.9  | 159.0<br>106.8  | 143.  |  |  | 23.8<br>21.0  | 22.0<br>29.0   
  | 19.0<br>19.2   
  | 15.0   
  | <b>13.1</b><br>8.9   | 10.2<br>6.4   | 9.1   
  | 6.2<br>5.5   
  | 4.8<br>1.8   | 3.3<br>2.7  | 1.4<br>1.2   | 1.1   | 1.0<br>1.3   | 1.0<br>0.9   | 0.6   | 0.6<br>0.4   | 0.02  
  | 0.02   |
| Italy   | 386.8   | 126.1   | 127.  |  |  | 7.7   | 16.8   
  | 20.9   
  | 6.8  
  | 9.4  | 5.7   | 7.2   
  | 6.8  
  | 1.0  | 2.7   | 1.2  | 0.6   | 0.7  | 0.9  | 0.8   | 0.4  | 0.01  
  | 0.03   |
| France  | 387.5   | 91.4  | 140.  |  |  | 9.6   | 12.8   
  | 14.2   
  | 12.3   
  | 19.2   | 13.3  | 9.1   
  | 6.4  
  | 5.6  | 3.4   | 1.9  | 0.9   | 1.3  | 1.1  | 0.6   | 2.2  | 0.03  
  | 0.01   |
| Luxembourg  | 389.2   | 116.0   |   |  |  | 20.2  | 19.9   
  | 16.3   
  | 11.8   
  | 13.7   | 9.7   | 6.2   
  | 5.9  
  | 5.2  | 2.0   | 0.9  | 1.5   | 0.7  | 1.7  | 0.4   | 0.6  | 0.03  
  | 0.06   |
| Sweden  | 397.9   | 138.6   | 120.  |  |  | 4.2   | 17.8   
  | 16.0   
  | 10.9   
  | 11.8   | 11.9  | 7.1   
  | 3.4  
  | 6.7  | 2.2   | 1.5  | 2.7   | 1.4  | 1.1  | 0.2   | 0.5  | 0.01  
  | 0.01   |
| Malta   | 400.4   | 146.7   | 108.  |  |  | 3.4   | 15.4   
  | 22.7   
  | 18.9   
  | 10.0   | 5.5   | 10.2  
  | 4.7  
  | 2.3  | 5.5   | 1.0  | 0.3   | 4.0  | 0.9  | 0.3   | 0.1  | 0.01  
  | 0.18   |
| Austria<br>Finland  | 420.8   | 150.6   | 122.<br>115.  |  |  | 8.2<br>2.9  | 16.9<br>14.6   
  | 26.2<br>8.7  
  | 5.9<br>5.6   
  | 12.5<br>15.3   | 12.0<br>14.4  | 11.2<br>5.9   
  | 5.2<br>4.9   
  | 5.0<br>11.6  | 2.7<br>1.6  | 1.1<br>1.4   | 0.6   | 0.4  | 0.8<br>0.8   | 0.3   | 0.1  | 0.05  
  | 0.02   |
| Ireland   | 430.5   | 173.8<br>132.8  | 137.  |  |  | 5.6   | 32.4   
  | 15.3   
  | 22.2   
  | 8.2  | 8.7   | 5.9<br>10.3   
  | 3.4  
  | 5.4  | 2.6   | 2.1  | 0.3   | 1.0  | 0.8  | 0.1   | 0.1  | 0.01  
  | 0.00   |
| Portugal  | 439.9   | 127.9   |   |  |  | 21.9  | 23.7   
  | 28.3   
  | 28.5   
  | 10.0   | 9.3   | 11.4  
  | 7.7  
  | 1.5  | 2.6   | 1.1  | 0.9   | 0.8  | 0.0  | 3.7   | 0.6  | 0.00  
  | 0.00   |
| Netherlands   | 443.1   | 113.0   |   |  |  | 7.9   | 28.6   
  | 18.9   
  | 16.7   
  | 13.1   | 9.9   | 11.8  
  | 3.8  
  | 2.6  | 3.6   | 1.9  | 1.1   | 2.0  | 1.3  | 0.2   | 0.5  | 0.04  
  | 0.01   |
| Slovenia  | 447.4   | 151.1   | 144.  | 4 31   | .2 2   | 26.0  | 12.7   
  | 12.3   
  | 13.3   
  | 17.9   | 14.5  | 5.8   
  | 6.7  
  | 7.2  | 1.8   | 1.2  | 0.1   | 0.3  | 0.6  | 0.1   | 0.0  | 0.00  
  | 0.01   |
| Belgium   | 449.5   | 118.6   |   | _  |  | 22.8  | 27.6   
  | 16.3   
  | 21.6   
  | 17.1   | 16.3  | 10.4  
  | 7.1  
  | 4.6  | 2.9   | 1.4  | 3.0   | 1.8  | 1.5  | 0.4   | 1.2  | 0.02  
  | 0.01   |
| Denmark   | 462.4   | 118.8   |   |  |  | 23.3  | 36.0   
  | 20.6   
  | 18.7   
  | 10.8   | 9.2   | 10.3  
  | 4.5  
  | 11.8   | 3.6   | 2.4  | 2.9   | 0.9  | 1.1  | 0.4   | 0.6  | 0.01  
  | 0.01   |
| Germany   | 462.5   | 159.4   | 140.  |  |  | 25.0  | 20.8   
  | 24.8   
  | 11.3   
  |  | 10.2  | 9.3   
  | 4.7  
  | 6.3  | 3.0   | 0.9  | 1.8   | 1.0  | 0.9  | 0.4   | 0.3  | 0.03  
  | 0.01   |
| Greece<br>Cyprus  | 472.9   | 186.8   | 143.  | _  |  | 21.8  | 20.4   
  | 20.1<br>48.1   
  | 19.4<br>11.8   
  | 9.3<br>15.3  | 4.5<br>5.6  | 7.1   
  | 11.1<br>14.4   
  | 2.1<br>1.6   | 3.4<br>3.4  | 0.5  | 0.2   | 0.2  | 0.7  | 0.2   | 0.0  | 0.02  
  | 0.07   |
| Czechia   | 541.0   | 232.2   | 145.  |  |  | 21.8  | 18.4   
  | 21.5   
  | 16.3   
  | 16.1   | 11.5  | 6.4   
  | 7.1  
  | 3.9  | 2.5   | 0.6  | 1.4   | 0.6  | 0.7  | 0.3   | 0.5  | 0.00  
  | 0.02   |
| Poland  | 583.8   | 235.6   |   |  |  | 28.0  | 15.4   
  | 17.8   
  | 17.8   
  | 16.0   | 15.0  | 6.8   
  | 9.5  
  | 8.6  | 3.1   | 0.9  | 0.4   | 0.3  | 0.7  | 0.3   | 0.2  | 0.00  
  | 0.01   |
| Estonia   | 584.3   | 270.6   |   | _  | _  | 25.0  | 10.3   
  | 16.8   
  | 10.5   
  | _  | 15.9  | 6.3   
  | 6.0  
  | 22.1   | 1.7   | 1.1  | 0.1   | 0.7  | 0.9  | 2.6   | 0.1  | 0.00  
  | 0.00   |
| Croatia   | 591.3   | 265.8   | 159.  | 8 31   | .7 2   | 26.4  | 19.5   
  | 21.6   
  | 7.1  
  | 18.8   | 12.0  | 8.7   
  | 8.4  
  | 5.1  | 3.7   | 1.1  | 0.4   | 0.2  | 0.6  | 0.2   | 0.0  | 0.00  
  | 0.01   |
| Slovakia  | 623.9   | 298.9   | 152.  | _  | _  | 34.6  | 12.6   
  | 17.4   
  | 22.1   
  | 18.6   | 11.6  | 7.7   
  | 8.0  
  | 3.2  | 4.3   | 0.5  | 0.3   | 0.4  | 0.9  | 0.2   | 0.1  | 0.00  
  | 0.01   |
| Lithuania   | 666.1   | 328.8   |   | _  | _  | 37.5  | 12.2   
  | 8.7  
  | 14.0   
  | 28.2   | 28.4  | 8.1   
  | 8.6  
  | 14.3   | 2.3   | 1.0  | 0.3   | 0.9  | 1.2  | 1.9   | 0.1  | 0.00  
  | 0.01   |
| Hungary   | 667.5   | 301.6   |   |  |  | 86.0  | 29.7   
  | 21.3   
  | 7.0  
  | 16.9   | 14.8  | 8.8   
  | 7.3  
  | 4.1  | 3.5   | 1.3  | 1.4   | 0.6  | 0.8  | 0.4   | 0.2  | 0.00  
  | 0.01   |
| Latvia  | 685.3<br>716.5  | 356.8<br>379.6  | 143.<br>148.  | _  |  | 26.9<br>13.2  | 9.9<br>20.8  
  | 14.5<br>14.3   
  | 12.1<br>24.9   
  | 26.3   | 21.7  | 9.8<br>6.5  
  | 9.8<br>11.5  
  | 13.1<br>2.5  | 3.1<br>5.4  | 1.0<br>0.3   | 0.1   | 1.3<br>0.3   | 1.4<br>1.1   | 5.6<br>0.8  | 0.2  | 0.00  
  | 0.05   |
| Romania<br>Bulgaria   | 894.8   | 541.1   | 161.  | _  |  | 35.3  | 20.8   
  | 30.2   
  | 17.7   
  | 15.0   | 13.0  | 8.2   
  | 9.8  
  | 2.5  | 5.5   | 0.3  | 0.4   | 0.3  | 1.6  | 0.6   | 0.3  | 0.00  
  | 0.03   |
| В   |   |   | ar diseas   | ıtal   | ers  | munica  | -  
  | orders   
  | uries  
  |  | 2   | aneou   
  | disorders  
  | 000  | ence  | natal  |   | ions   | lcies  |   | seas   | sexually<br>ections   
  | l<br>aria  |
|   | All causes  | Neoplasms   | Cardiovascul  | Musculoskele<br>disorders  | Mental disorde   | Other non-com   | diseases   
  | Neurological dis   
  | Unintentional inj<br>Diabetes and kic  
  | diseases   | Chronic respirato   | diseases<br>Skin and subcutaneous   
  | e use  
  | Self-harm and  | Sense organ dise  | Maternal and neo   | Transport injuries  | Respiratory infect<br>and tuberculosis   | Nutritional deficier   | Enteric infections  | Other infectious di  | HIV/AIDS and se<br>transmitted infect   
  | Neglected tropical<br>diseases and mal-  |
| EU-27   | All causes  | Neoplasms   | Cardiovascular diseases   | Musculoskeletal  | 84 Mental disorders  | A Other non-communicable  | 550 14   
  | 108 11   
  |  
  | 97 76  | 5 75  | <ul> <li>4 diseases</li> <li>8 Skin and</li> </ul>  
  | diseases<br>Substance use  
  | 3 491  |   | 452  | 427   | Bespiratory infections   | 144  | D Enteric infections  | G Other infectious diseases  | HIV/AIDS and sexual transmitted infections  
  | Neglected tropical diseases and malaria  |
| Spain   | ₹<br>20251<br>18033   | 3342<br>2977  | 2759<br>1834  | 2020<br>1831   | 187<br>219   | 4 15<br>2 14  | 550 14<br>472 13   
  | 108 11<br>350 9  
  | 118 7<br>10 7  
  | 97 76<br>89 55   | 65 75<br>51 75  | 2 diseases<br>8 Skin and<br>8 Skin and  
  | 0   0     0   0     0   0     0   0     0   0  
  | 3 49 <sup>-</sup><br>9 309   | l 484<br>9 538  | 452<br>3380  | 427<br>349  | 369<br>281   | 144<br>125   | 100<br>84   | 56<br>54   | 9 h HIV/AIDS and transmitted infe   
  | 12<br>20   |
| Spain<br>Italy  | ₹<br>20251<br>18033<br>18186  | 3342<br>2977<br>2976  | 2759<br>1834<br>2032  | 2020<br>1831<br>2184   | 187<br>219<br>195  | 4 15<br>2 14<br>4 15  | 550 14<br>472 13<br>532 14   
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  | 97 76<br>89 55<br>14 64  | 5         75           51         75           14         53  | brian diseases<br>6 2 4 diseases<br>6 6 5<br>7 3<br>7 3<br>7 4 diseases<br>7 3<br>7 4 diseases<br>7 3<br>7 4 diseases   
  | 300     100       300     100       300     100       300     100  
  | 3     491       9     309       4     284  | 484           538           1           530   | 452<br>3380<br>413   | 427<br>349<br>422   | 369<br>281<br>225  | 144<br>125<br>145  | 100<br>84<br>59   | 56<br>54<br>47   | 9 4 HIV/AIDS and transmitted infe   
  | 12<br>20<br>4  |
| Spain<br>Italy<br>France  | ₹           20251           18033           18186           18782   | 3342<br>2977<br>2976<br>3311  | 2759<br>1834<br>2032<br>1628  | 2020<br>1831<br>2184<br>2055   | 187<br>219<br>195<br>204   | 4 15<br>2 14<br>4 15<br>5 16  | 550 14<br>472 13<br>532 14<br>602 14   
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  | 118 7<br>10 7<br>84 8<br>279 4   
  | 97     76       89     55       14     64       63     56  | 5         75           51         75           4         53           55         55   | pue diseases<br>4 68<br>2 69<br>7 3<br>4 84   
  | diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>diseases<br>dis<br>dis<br>diseases<br>dis<br>dis<br>dis<br>dis<br>dis<br>dis<br>dis<br>dis<br>dis<br>di  
  | 3     49 <sup>-</sup> 9     309       4     28 <sup>2</sup> 7     609  | 484       538       538       530       402   | 4 452<br>3 380<br>0 413<br>2 419   | 427<br>349<br>422<br>418  | 369<br>281<br>225<br>278   | 144<br>125<br>145<br>149   | 100<br>84<br>59<br>72   | 56<br>54<br>47<br>56   | HIV/AIDS and transmitted infi   
  | 12<br>20<br>4<br>2   |
| Spain<br>Italy  | ₹<br>20251<br>18033<br>18186  | 3342<br>2977<br>2976  | 2759<br>1834<br>2032  | 2020<br>1831<br>2184   | 187<br>219<br>195<br>204   | 4 15<br>2 14<br>4 15<br>5 16  | 550 14<br>472 13<br>532 14<br>502 14<br>496 13   
  | 108       11         350       9         172       7         126       12         366       10   
  | 118     7       10     7       84     8       279     4       091     8  
  | 97 76<br>89 55<br>14 64  | 5     75       51     75       4     53       55     55       0     78  | seases<br>4 684<br>9 733<br>4 843<br>7 723  
  | All         Cliceases           0100         4 <td>3     49<sup>-1</sup>       9     309       4     28<sup>2</sup>       7     609       4     467</td> <td>484           538           538           538           402           402           380</td> <td>4 452<br/>3 380<br/>0 413<br/>2 419<br/>0 347</td> <td>427<br/>349<br/>422</td> <td>369<br/>281<br/>225<br/>278<br/>275</td> <td>144<br/>125<br/>145</td> <td>100<br/>84<br/>59</td> <td>56<br/>54<br/>47</td> <td>9 4 HIV/AIDS and transmitted infe</td> <td>12<br/>20<br/>4</td>   
  | 3     49 <sup>-1</sup> 9     309       4     28 <sup>2</sup> 7     609       4     467   | 484           538           538           538           402           402           380   | 4 452<br>3 380<br>0 413<br>2 419<br>0 347  | 427<br>349<br>422   | 369<br>281<br>225<br>278<br>275  | 144<br>125<br>145  | 100<br>84<br>59   | 56<br>54<br>47   | 9 4 HIV/AIDS and transmitted infe   
  | 12<br>20<br>4  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta   | E           20251           18033           18186           18782           18634           18069           18983   | 3342         2977         2976         3311         2933         2672         2604  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224   | <ul> <li>187</li> <li>219</li> <li>195</li> <li>204</li> <li>185</li> <li>201</li> <li>190</li> </ul>  | 14       12       14       15       5       16       17       13  | 550       14         472       13         532       14         502       14         602       14         496       13         386       13         740       13  
  | 108         11           350         9           172         7           126         12           366         10           321         10           329         10   
  | 118         7           10         7           84         8           279         4           091         8           010         6           075         9  
  | 97     76       89     55       14     64       63     56       04     61       15     46       19     42  | 55         75           51         75           54         53           55         55           10         78           56         78           29         67   | See 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5   
  | also         also  
  | 3         491           9         309           4         284           7         609           4         467           2         591           6         311  | 484           538           538           402           402           380           340           402   | 4         452           3         380           413         413           419         347           311         670  | 427<br>349<br>422<br>418<br>389<br>241<br>316   | 369           281           225           278           275           265           394  | 144           125           145           149           117           123           111  | 100           84           59           72           108           110           58   | 56<br>54<br>47<br>56<br>71<br>46<br>55   | 92 HIV/AIDS and 18 AIV/AIDS and 18 AV 19 A | 12<br>20<br>4<br>2<br>4<br>3<br>13   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria  | 20251           18033           18186           18782           18634           18069           18983           19104   | 3342           2977           2976           3311           2933           2672           2604           2820   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971   | 187         219         195         204         185         201         190         190  | 4     15       2     14       4     15       5     16       60     14       7     13       13     17       95     15  | 550       14         472       13         532       14         502       14         502       14         496       13         386       13         740       13         932       13   
  | 108       11         350       9         172       7         126       12         366       10         321       10         329       10         326       10  
  | 118     7       10     7       84     8       279     4       091     8       010     6       075     9       083     7  
  | 97     76       89     55       14     64       63     56       04     61       15     46       19     42       90     61  | 55         75           51         75           54         53           55         55           10         78           56         78           29         67           74         65   | Sessessip<br>4 684<br>2 699<br>9 73<br>4 844<br>7 720<br>6 692<br>4 744<br>1 71   
  | Base of the second se   | 3     491       9     309       4     284       7     609       4     467       2     591       6     311       9     552  | 484           538           538           402           402           380          
340           405           392   | 4         452           3         380           0         413           2         419           0         347           0         311           5         670           2         412  | 427<br>349<br>422<br>418<br>389<br>241<br>316<br>332  | 369           281           225           278           275           265           394           208  | 144           125           145           149           117           123           111           103  | 100           84           59           72           108           110           58           77  | 56<br>54<br>47<br>56<br>71<br>46<br>55<br>49   | HIV/AIDS and HIV/AIDS and B B B B B B B B B B B B B B B B B B B  | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>17   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland   | ¥           20251           18033           18186           18782           18634           18069           18983           19104           19569   | 3342<br>2977<br>2976<br>3311<br>2933<br>2672<br>2604<br>2820<br>2606  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037   | 187         219         195         204         185         201         190         190         190         188  | 4     15       2     14       34     15       55     16       60     14       7     13       93     17       95     19       97     14  | 550         14           472         13           532         14           602         14           496         13           386         13           740         13           932         13           484         13   
  | 408         11           350         9           472         7           426         12           366         10           321         10           322         10           326         10           329         10           326         10           396         13   
  | 118         7           10         7           84         8           279         4           091         8           010         6           075         9           083         7           396         6  
  | 97     76       89     55       14     64       63     56       04     61       15     46       19     42       90     61       85     78  | 65         75           51         75           54         53           55         55           10         78           66         78           29         67           74         65           38         61   | Sessease<br>4 68-<br>2 69<br>9 73<br>4 84<br>7 722<br>6 69<br>6 69<br>4 74<br>4 74<br>1 71<br>8 74<br>8 74<br>8 74<br>8 74<br>8 74<br>8 74<br>8 74<br>8 74  
  | 4         603           4         603           4         603           4         603           4         603           4         603           4         603           3         344           3         366           3         344           3         366           3         344           3         366           3         344           3         366           3 <t< td=""><td>3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734</td><td>484           9         538           1         530           402         402           7         380           1         340           1         340           2         392           4         388</td><td>4         452           3         380           0         413           2         419           0         347           0         311           5         670           2         412           3         267</td><td>427<br/>349<br/>422<br/>418<br/>389<br/>241<br/>316<br/>332<br/>323</td><td>369           281           225           278           275           265           394           208           198</td><td>144           125           145           149           117           123           111           103           100</td><td>100           84           59           72           108           110           58           77           68</td><td>56<br/>54<br/>47<br/>56<br/>71<br/>46<br/>55<br/>49<br/>43</td><td>HIV/AIDS and HIV/AIDS and HIV/A</td><td>12<br/>20<br/>4<br/>2<br/>4<br/>3<br/>13<br/>17<br/>3</td></t<>   | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734  | 484           9         538           1         530           402         402           7        
380           1         340           1         340           2         392           4         388   | 4         452           3         380           0         413           2         419           0         347           0         311           5         670           2         412           3         267  | 427<br>349<br>422<br>418<br>389<br>241<br>316<br>332<br>323   | 369           281           225           278           275           265           394           208           198  | 144           125           145           149           117           123           111           103           100  | 100           84           59           72           108           110           58           77           68   | 56<br>54<br>47<br>56<br>71<br>46<br>55<br>49<br>43   | HIV/AIDS and HIV/A | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>17<br>3  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland  | 20251           18033           18186           18782           18634           18069           18983           19104           19569           19401   | 3342           2977           2976           3311           2933           2672           2604           2820           2606           3049   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273   | 187         219         195         204         185         201         185         201         190         190         188         220  | 4     15       2     14       4     15       5     16       60     14       7     13       7     13       95     19       97     14       92     16   | 550         14           472         13           532         14           602         14           496         13           386         13           740         13           932         13           484         13           6666         14   
  | 408         11           350         9           472         7           426         12           366         10           321         10           329         10           326         10           329         10           326         10           396         13           404         9   
  | 118         7           10         7           84         8           279         4           091         8           010         6           075         9           083         7           396         6           336         6  
  | 97         76           89         55           14         64           63         56           04         61           15         40           19         42           90         61           85         78           22         40  | 55         75           51         75           54         53           65         55           10         78           66         78           29         67           74         65           38         61           65         96   | Sesses pue us of the sesses of  
  | 4         600           4         600           5         66           6         66           6         66           6         66           6         66           6         66           6         66           6         66           6         69           6         66           6         69           8         466           1         65           8         92           8         82   | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474  | 484           538           538           4530           530           402           380          
1           340           380           402           392           392           388           4397   | 4         452           3         380           4132         419           2         419           311         347           5         6700           2         412           3         2677   | 427<br>349<br>422<br>418<br>389<br>241<br>316<br>332<br>323<br>236  | 369           281           225           278           275           265           394           208           198           373  | 144           125           145           149           117           123           111           103           100           95   | 100           84           59           72           108           110           58           77           68           69  | 56<br>54<br>47<br>56<br>71<br>46<br>55<br>49<br>43<br>46   | HIV/AIDS and<br>B B C C C C C C C C C C C C C C C C C C  | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>13<br>17<br>3<br>2   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal  | ₹           20251           18033           18186           18782           18634           18069           18983           19104           19569           19401           19674   | 3342         2977         2976         3311         2933         2672         2604         2820         2606         3049         3135  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256   | 187         219         195         204         185         201         190         190         190         190         201         201         201         190         190         201  | 4     15       2     14       4     15       5     16       0     14       7     13       03     17       95     19       97     14       92     16       7     12       93     17  | 550         14           472         13           532         14           602         14           496         13           386         13           740         13           932         13           484         13           666         14           4428         12  
  | 408         11           350         9           472         7           426         12           366         10           321         10           322         10           326         10           326         10           326         10           329         10           326         10           329         10           329         10           329         10           329         10  
  | 118         7           10         7           84         8           279         4           91         8           910         6           975         9           983         7           396         6           36         6           880         9  
  | 97         76           89         55           14         64           63         56           04         67           115         46           119         42           90         67           885         78           222         46           880         62   | 55         755           51         755           44         533           55         555           10         788           209         677           74         655           388         611           555         966           224         866   | Sesses         pue           4         684           2         699           9         73           4         844           7         728           6         692           4         744           7         744           7         744           8         744           9         728           1         71           8         744           9         728           1         73   
  | esn estression<br>session and the session of the sessi   | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474           7         422  | 484           9         538           4         530           4         530  
        9         402           7         380           1         340           2         392           388         397           41         397           2         413  | 4         452           3         380           413         413           2         419           311         347           3         347           3         347           3         347           3         347           3         347           3         347           3         347           3         360           3         374  | 427           349           422           418           389           241           316           332           323           236           422   | 369           281           225           278           275           265           394           208           198           373           527  | 144           125           145           149           117           123           111           103           100           95           136   | 100           84           59           72           108           110           58           77           68   | 56<br>54<br>47<br>56<br>71<br>46<br>55<br>49<br>43<br>46<br>54   | HIV/AIDS and<br>HIV/AIDS and<br>88<br>80<br>80<br>81<br>80<br>80<br>81<br>80<br>80<br>81<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80   | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>17<br>3<br>2<br>2<br>21  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland  | 20251           18033           18186           18782           18634           18069           18983           19104           19569           19401   | 3342         2977         2976         3311         2933         2672         2604         2820         2606         3049         3135  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256   | 187         219         195         204         185         204         185         201         185         201         190         190         190         190         190         190         201         203         204         205  | 4     15       2     14       4     15       5     16       0     14       7     13       03     17       95     19       97     14       92     16       7     14       93     16  | 550         14           472         13           532         14           602         14           496         13           386         13           740         13           932         13           484         13           5666         14           428         12           5663         14  
  | 408         11           350         9           472         7           426         12           366         10           321         10           322         10           326         10           326         10           329         10           320         10           320         10           320         10 <td>118       7         10       7         84       8         279       4         91       8         010       6         075       9         083       7         396       6         36       6         80       9         74       6</td> <td>97         76           89         55           14         64           63         56           04         67           115         46           119         42           90         67           885         78           222         46           880         62</td> <td>55         75           51         75           54         53           55         55           10         78           66         78           29         67           74         655           88         61           824         86           838         97</td> <td>Seese         Seese         Seeses         Seese         Seese         <t< td=""><td>83         83           84         600           84         600           83         466           83         344           83         566           83         669           83         666           83         666           83         666           83         662           83         663           84         652           83         662           83         662           84         652           84         623           84         633           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642      &lt;</td><td>3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474           7         422     
     8         480</td><td>484           538           538           4530           402           380           402           340           405           392           41           388           388           397           2           413           371</td><td>4         452           3         3800           4132         419           2         419           3311         311           5         6700           2         4123           3         2677           7         3603           3         3744           4         477</td><td>427           349           422           418           389           241           316           332           323           236           422           251</td><td>369           281           225           278           275           265           394           208           198           373           527           321</td><td>144           125           145           149           117           123           111           103           100           95</td><td>100           84           59           72           108           110           58           77           68           69           74</td><td>56<br/>54<br/>47<br/>56<br/>71<br/>46<br/>55<br/>49<br/>43<br/>46</td><td>HIV/AIDS and<br/>B B C C C C C C C C C C C C C C C C C C</td><td>12<br/>20<br/>4<br/>2<br/>4<br/>3<br/>13<br/>13<br/>17<br/>3<br/>2</td></t<></td>  | 118       7         10       7         84       8         279       4         91       8         010       6         075       9         083       7         396       6         36       6         80       9         74       6  
  | 97         76           89         55           14         64           63         56           04         67           115         46           119         42           90         67           885         78           222         46           880         62   | 55         75           51         75           54         53           55         55           10         78           66         78           29         67           74         655           88         61           824         86           838         97  | Seese         Seeses         Seese         Seese <t< td=""><td>83         83           84         600           84         600           83         466           83         344           83         566           83         669           83         666           83         666           83         666           83         662           83         663           84         652           83         662           83         662           84         652           84         623           84         633           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642      &lt;</td><td>3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474           7         422           8         480</td><td>484           538           538           4530           402           380           402           340           405           392           41           388           388           397           2           413           371</td><td>4         452           3         3800           4132         419           2         419           3311         311           5         6700           2         4123           3         2677           7         3603           3         3744           4         477</td><td>427           349           422           418           389           241           316           332           323           236           422           251</td><td>369           281           225           278           275           265           394           208           198           373           527           321</td><td>144           125           145           149           117           123           111           103           100           95</td><td>100           84           59           72           108           110           58           77           68           69           74</td><td>56<br/>54<br/>47<br/>56<br/>71<br/>46<br/>55<br/>49<br/>43<br/>46</td><td>HIV/AIDS and<br/>B B C C C C C C C C C C C C C C C C C C</td><td>12<br/>20<br/>4<br/>2<br/>4<br/>3<br/>13<br/>13<br/>17<br/>3<br/>2</td></t<>  
  | 83         83           84         600           84         600           83         466           83         344           83         566           83         669           83         666           83         666           83         666           83         662           83         663           84         652           83         662           83         662           84         652           84         623           84         633           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642           84         642      <   | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474           7         422           8         480  | 484           538           538           4530           402           380           402           340           405           392           41           388           388           397           2           413           371   
   | 4         452           3         3800           4132         419           2         419           3311         311           5         6700           2         4123           3         2677           7         3603           3         3744           4         477  | 427           349           422           418           389           241           316           332           323           236           422           251   | 369           281           225           278           275           265           394           208           198           373           527           321  | 144           125           145           149           117           123           111           103           100           95   | 100           84           59           72           108           110           58           77           68           69           74   | 56<br>54<br>47<br>56<br>71<br>46<br>55<br>49<br>43<br>46   | HIV/AIDS and<br>B B C C C C C C C C C C C C C C C C C C  | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>13<br>17<br>3<br>2   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands   | ₹           20251           18033           18186           18782           18634           18069           18983           19104           19569           19401           19674   | 3342           2977           2976           3311           2933           2672           2604           2820           2604           3049           3135           3614           3341  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256<br>2001   | 187           219           195           204           185           204           185           201           190           190           190           190           190           190           190           201  | 4       15         2       14         4       15         5       16         60       14         7       13         7       13         93       17         95       19         97       14         92       16         7       12         99       16         92       13  | 550         14           472         13           532         14           532         14           602         14           496         13           386         13           740         13           932         13           484         13           666         14           428         12           663         14           337         12  
  | 408         11           350         9           472         7           426         12           366         10           321         10           3229         10           326         10           396         13           404         9           291         7           414         8           249         16   
  | 118       7         10       7         84       8         279       4         911       8         010       6         075       9         083       7         396       6         36       6         374       6         594       6   
  | 97         76           89         55           14         64           63         56           04         6           115         46           119         42           90         6           885         78           822         46           80         62           37         43  | 55         75           51         75           51         75           54         53           55         55           10         78           66         78           29         67           74         655           38         611           55         96           24         86           38         97           54         50   | Pure use         See as a sec as a  
  | esn<br>session and the session an   | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474           7         422           8         480           1         665  | 484           9           538           9           538           9           402           9           402           340           405           32           392           413           371           568  
   | 4         452           3         380           0         413           2         419           347         347           0         311           5         6700           2         412           3         2677           3         3744           4777         360           3         366  | 427           349           422           418           389           241           316           323           226           422           418           389           241           316           323           226           422           251           635                 | 369           281           225           278           275           265           394           208           198           373           527           321           277  | 144           125           145           149           117           123           111           103           100           95           136           109           127   | 100           84           59           72           108           110           58           77           68           69           74   | 56           54           47           56           71           46           55           49           43           46           54           54           55           60  | HIV/AIDS and<br>HIV/AIDS and<br>86<br>10<br>12<br>12<br>10<br>12<br>12<br>10<br>12<br>12<br>10<br>12<br>12<br>10<br>12<br>12<br>10<br>12<br>12<br>10<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12   | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>17<br>3<br>2<br>21<br>2  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia   | ₹           20251           18033           18186           18782           18634           18069           18983           19104           19569           19401           19674           18888           19135   | 3342           2977           2976           3311           2933           2672           2604           2820           2606           3049           3135           3614           3341           3256   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021  | 2020<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256<br>2001<br>1521   | 187         219         195         204         195         204         185         201         190         190         190         190         190         190         190         190         190         190         190         188         201         2031         206         1466         187  | 4         155           12         14           44         155           15         166           17         133           17         133           17         14           15         19           16         19           17         14           18         19           19         16           12         16           12         16           12         16           12         16           13         17           14         19           16         10   | 550         14           472         13           532         14           502         14           602         14           496         13           386         13           740         13           932         13           484         13           5666         14           428         12           5663         14           337         12           788         15   
  | 408         11           350         9           472         7           426         12           366         10           321         10           322         10           326         10           326         10           326         10           326         10           329         10           326         10           329         10           329         10           329         10           329         10           414         8           249         16           579         12   
  | 118         7           10         7           84         8           279         4           911         8           910         6           975         9           983         7           396         6           360         9           774         6           3694         6           267         6   
  | 97         76           89         55           14         64           63         56           04         6           15         46           19         42           90         6           885         78           22         46           80         62           37         43           97         88   | 55         755           51         755           54         53           55         55           10         78           66         78           29         67           74         65           38         611           65         96           24         86           38         97           64         50           11         87  | Session<br>4 68-<br>2 699<br>733<br>4 843<br>7 722<br>6 692<br>4 744<br>7 722<br>6 692<br>4 744<br>7 722<br>6 692<br>4 744<br>7 725<br>7 722<br>7 722<br>7 722<br>9 733   
  | esine         esine         esine           output         output         esine           output         esine         esine <td>3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         472           7         422           8         480           1         6655</td> <td>484           9           538           4           530           402           7           380           4           402           392           403           388           392           41           388           397           2           413           397           2           413           397           2           413           397           5           568           9           409</td> <td>4         4522           3         380           413         380           2         419           3         347           3         311           5         670           2         412           3         2677           7         360           3         3744           4777         366           9         415</td> <td>427           349           422           418           389           241           316           332           2236           422           418           349           241           316           332           2236           422           251           635           440</td> <td>369           281           225           278           275           265           394           208           198           373           527           321           277           404</td> <td>144           125           145           149           117           123           111           103           100           95           136           109           127</td> <td>100           84           59           72           108           110           58           77           68           69           74           143</td> <td>56<br/>54<br/>47<br/>56<br/>71<br/>46<br/>55<br/>49<br/>43<br/>46<br/>54<br/>60<br/>42</td> <td>HIV/AIDS and<br/>HIV/AIDS and<br/>B<br/>44<br/>51<br/>40<br/>51<br/>40<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51<br/>51</td> <td>12<br/>20<br/>4<br/>2<br/>3<br/>13<br/>13<br/>17<br/>3<br/>2<br/>21<br/>2<br/>8</td>   
  | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         472           7         422           8         480           1         6655   | 484           9           538           4           530           402           7           380           4           402           392           403           388           392           41           388           397           2           413           397           2           413           397           2           413           397           5           568           9           409  | 4         4522           3         380           413         380           2         419           3         347           3         311           5         670           2         412           3         2677           7         360           3         3744           4777         366           9         415  | 427           349           422           418           389           241           316           332           2236           422           418           349           241           316           332           2236           422           251           635           440 | 369           281           225           278           275           265           394           208           198           373           527           321           277           404  | 144           125           145           149           117           123           111           103           100           95           136           109           127   | 100           84           59           72           108           110           58           77           68           69           74           143   | 56<br>54<br>47<br>56<br>71<br>46<br>55<br>49<br>43<br>46<br>54<br>60<br>42   | HIV/AIDS and<br>HIV/AIDS and<br>B<br>44<br>51<br>40<br>51<br>40<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51<br>51   
  | 12<br>20<br>4<br>2<br>3<br>13<br>13<br>17<br>3<br>2<br>21<br>2<br>8  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany   | ₹           20251           18033           18186           18782           18634           18069           18983           19104           19569           19674           18888           19135           20170           19929           20075   | 3342           2977           2976           3311           2933           2672           2604           2820           2606           3049           3135           3614           3341           3256           3494           3221   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>1968<br>2601  | 2020<br>1831<br>2184<br>205552<br>2141<br>2036<br>2224<br>1971<br>2037<br>2256<br>2001<br>1521<br>2042<br>248552<br>2211   | 187           219           1955           204           1855           204           1855           201           190           190           190           190           190           190           190           201           190           201           190           201           201           188           201           189   | 4         155           144         155           155         160           177         133           177         133           177         144           12         160           12         160           12         160           12         160           12         160           12         160           12         160           12         160           13         177           14         177           14         177           14         177   | 550         14           472         13           532         14           602         14           496         13           5386         13           740         13           932         13           484         13           666         14           428         12           663         14           788         15           709         12           592         15  
  | 408         11           350         9           426         12           366         10           321         10           322         10           323         10           324         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           320         10           320         10           320         11           320         12           320         12           320         12           320         12           320         12   
  | 118         7           10         7           84         8           279         4           091         8           010         6           075         9           083         7           386         6           386         9           74         6           6394         6           267         6           267         6           267         6           267         6           267         6           267         6           267         6           267         6           267         6           267         6           267         6           267         6  
  | 97         76           89         55           14         64           63         56           004         61           115         46           119         42           900         62           885         78           22         46           80         62           37         43           997         86           994         64           78         68           94         74   | 55         755           51         755           44         53           55         55           10         78           66         78           29         67           74         655           88         61           55         96           24         86           88         97           64         50           11         87           36         103           42         74   | sessessip<br>4 684<br>2 699<br>9 733<br>4 844<br>7 726<br>6 692<br>4 744<br>7 726<br>6 692<br>4 744<br>7 726<br>7 726<br>9 726<br>9 726<br>9 726<br>9 726<br>9 726<br>9 726<br>9 726<br>9 726<br>9 730<br>9 726<br>9 730<br>9 730<br>740<br>9 730<br>740<br>740<br>740<br>740<br>740<br>740<br>740<br>740<br>740<br>74  
  | 937         938           941         600           942         94           943         46           944         600           945         94   
  | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           5         734           4         474           7         422           8         480           1         6655           11         7699           0         423           8         477   | 484           538           4538           4538           402           7           380           402           392           4392           392           4397           2           397           397           397           397           397           397           397           397           397           393           374   | 4         4522           3         380           4132         419           2         419           3         347           3         311           5         6700           2         4123           3         2677           3         366           3         3741           4         4773           3         3666           3         4459           4         4593           4         4259   | 427           349           422           418           389           241           316           323           226           422           251           635           440           289           315   | 369           281           225           278           225           275           265           394           208           198           373           527           321           277           404           347           287  | 144           125           145           145           145           145           145           145           145           145           145           145           145           117           123           100           95           136           109           127           126           109           122   | 100           84           59           72           108           110           58           77           68           69           74           143           127           109   | 56           54           47           56           71           46           55           49           43           46           54           60           42           69           53           45  | 44         66           51         40         28           28         28         33           10         28         33           10         17         199           24         14         35           28         28         29  
  | 12<br>20<br>4<br>3<br>13<br>17<br>3<br>2<br>21<br>2<br>2<br>8<br>2<br>3<br>3<br>3  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece  | ₹           20251           18033           18186           18722           18634           18069           18983           19104           19569           19401           19674           18888           19135           20170           19929           20075           20201   | 3342           2977           2976           3311           2933           2672           2604           2820           3049           3135           3614           3341           3256           3494           3221           3300   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>1968<br>2601<br>3198  | 20202<br>1831<br>2184<br>2055<br>21411<br>2036<br>2224<br>1971<br>2037<br>2256<br>20011<br>521<br>2042<br>2485<br>22111<br>2032<br>2211<br>2031  | 187           219           195           201           195           204           185           2011           185           2011           190           190           190           190           190           201           190           201           190           201           201           201           201           201           201           201           201           201           201           201           201           201           201           201           201           201           201           202           203           146           189           204           205  | 4         155           144         155           144         155           145         160           147         133           157         143           155         199           162         162           163         177           142         162           155         199           162         135           155         177           144         177           158         160           155         175   | 550         14           472         13           532         14           602         14           602         14           496         13           3386         13           740         13           932         13           484         13           666         14           428         12           663         14           337         12           788         15           709         12           592         15           591         13   
  | 408         11           350         9           426         12           366         10           321         10           322         10           324         10           325         10           326         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           329         10           320         12           320         9           330         9  
  | 118         7           10         7           84         8           279         4           91         8           91         8           91         8           91         6           975         9           983         7           396         6           366         6           80         9           74         6           694         6           267         6           267         6           267         6           267         8           407         7  
  | 97         76           89         55           14         64           63         50           004         61           115         46           190         61           192         42           900         62           327         43           997         88           994         64           778         68           994         74           994         74           994         74           994         74           994         74           990         41   | 55         755           51         755           51         755           54         53           55         55           10         78           66         78           29         67           74         65           88         61           55         96           24         86           88         97           64         50           11         87           36         103           42         74           70         72   | Sessessip         Pure         Pure           4         68-         69-           9         73:         4           4         84:         7           7         726         6           9         73:         1           7         726         726           1         711         73:           7         725         455           9         73:         770           9         73:         770           9         73:         770           9         73:         770           9         73:         770           9         73:         770           9         71:         74:           9         73:         770           9         71:         74:           9         71:         74:   
  | 97         97           98         97           98         97           98         97           98         97           98         97           98         97  
  | 3         491           9         309           4         284           7         609           4         467           2         591           6         311           9         552           734         474           7         422           8         480           1         665           1         769           0         423           8         477           2         242  | 4844           538           4538           538           4538           402           7           380           402           392           413           397           413           397           413           397           413           397           413           397           413           397           413           397           413           397           413           397           413           397           413           397           413           397           413           397           393           372           415  | 4         4522           3         380           4132         419           2         419           3         347           3         311           5         6700           2         4123           3         2677           3         366           9         415           4         459           3         442           9         476   | 427           349           422           418           389           241           316           323           226           422           251           635           440           289           315           672   | 369           281           225           278           275           265           394           208           198           373           527           321           277           404           347           287           408  | 144           125           145           145           145           145           145           145           145           145           145           145           145           145           145           145           117           123           100           95           136           109           127           126           109           122           83  | 100           84           59           72           108           110           58           77           68           69           74           143           131           127           109           69                            | 56           54           47           56           71           46           55           49           43           46           54           60           42           69           53           45  | pus SULVIH 44<br>66<br>51<br>40<br>28<br>8<br>8<br>8<br>6<br>33<br>10<br>17<br>199<br>24<br>14<br>35<br>28<br>29<br>18  
  | 12<br>20<br>4<br>3<br>13<br>17<br>3<br>2<br>2<br>2<br>2<br>2<br>8<br>2<br>3<br>3<br>3<br>19  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus  | ₹           20251           18033           18186           18782           18634           18983           19104           19569           19401           19674           18888           19135           20170           19929           20075           20201           19743   | 3342           2977           2976           3311           2933           2672           2604           2820           3049           3135           3614           3341           3256           3494           3221           3300           2648  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>1968<br>2601<br>3198<br>2939  | 20202<br>1831<br>2184<br>2055<br>2141<br>2036<br>2224<br>1971<br>2037<br>2256<br>2001<br>1521<br>2042<br>2485<br>22111<br>2042<br>2485<br>2211<br>2042<br>2255<br>2011<br>2042<br>2255<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015 | 187           219           195           201           195           204           185           2011           185           2011           190           190           190           190           190           190           190           190           190           190           190           190           190           190           188           206           1466           187           189           2266           191  | 4         155           12         144           15         160           14         155           160         147           133         177           143         155           15         199           12         160           12         160           12         160           12         160           12         160           12         160           12         160           13         177           14         177           14         177           14         177           14         177           14         177           14         177           14         177           15         15           15         15  | 550         14           472         13           532         14           602         14           496         13           386         13           740         13           932         13           484         13           666         14           428         12           663         14           788         15           709         12           592         15           591         13  
  | 11           350         9           172         7           126         12           366         10           321         10           3229         10           326         10           329         10           326         10           329         10           326         10           329         10           329         10           320         10           329         10           320         10           321         10           322         10           323         10           3330         10   
  | 118         7           10         7           84         8           279         4           91         8           9291         8           910         6           975         9           983         7           396         6           366         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         6           364         7           364         7           364         7           364         1  
  | 97         76           89         55           14         64           63         56           04         6           15         40           19         42           90         6           85         74           80         62           37         43           97         86           94         64           97         86           94         64           95         74           96         44           97         86           94         64           95         74           96         44           97         86           94         74           90         43           165         44   | 55         755           51         755           51         755           54         53           55         555           10         78           56         78           59         67           74         655           55         96           24         86           38         61           55         96           24         86           38         97           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           54         50           55         56           56                                       | Signed Field         Signed Field   
  | 97         97           98         97           98         97           98         97           98         97           98         97           98         97           97         97           98         97   | 3         491           9         309           4         284           7         609           4         467           2         591           6
        311           9         552           734         474           7         422           8         480           1         665           1         769           0         423           8         477           2         242           8         311  | 4844           538           538           402           380           402           380           402           392           413           402           392           413           386           402           392           413           371           566           409           374           393           374           393           419           393           419           397           393           419           397  | 4         4522           3         3800           4132         4190           2         419           3311         5           5         6700           2         412           3         267           3         366           9         4159           3         442           4429         4766           7         457   | 427<br>349<br>422<br>418<br>389<br>241<br>316<br>332<br>323<br>236<br>422<br>251<br>635<br>440<br>289<br>315<br>672<br>773  | 369           281           225           278           275           265           394           208           198           373           527           321           277           404           347           287           408           264  | 144         125         145         145         145         145         145         145         145         145         145         145         145         145         145         145         117         123         111         103         100         95         136         109         127         126         109         122         83         112  | 100           84           59           72           108           110           58           77           68           69           74           143           131           127           109           69           99               | 56           54           47           56           71           46           55           49           43           46           54           60           42           69           53           45           38   | pus SUPAN 44<br>44<br>46<br>51<br>40<br>28<br>10<br>17<br>199<br>24<br>14<br>35<br>28<br>29<br>18<br>22   
  | 12<br>20<br>4<br>3<br>13<br>17<br>3<br>2<br>2<br>2<br>2<br>2<br>8<br>2<br>3<br>3<br>3<br>19<br>3<br>3  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia   | ₹           20251           18033           18186           18782           18634           18069           18983           19104           19569           19401           19674           18888           19135           20170           19929           20075           202011           19743           21153  | 3342           2977           2976           3311           2933           2602           2604           2820           2606           3049           3135           3641           3256           3494           3221           3300           2648           3405   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>1968<br>2021<br>1968<br>2021<br>3198<br>2939<br>3909  | 2020<br>1831<br>2184<br>205552<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256<br>2001<br>1521<br>1521<br>2042<br>248552<br>2211<br>2031<br>2225<br>1548   | 1877           219           1955           204           1855           201           1955           204           1855           201           190           190           190           190           190           190           201           202           188           206           1466           1877           189           2266           191           138  | 4         155           2         144           15         160           17         133           17         133           17         14           15         160           14         155           17         133           17         14           12         16           12         16           12         16           12         16           12         16           13         17           14         17           14         17           14         15           15         15           15         15           15         15   | 550         14           472         13           532         14           602         14           496         13           386         13           740         13           386         13           740         13           386         13           484         13           666         14           337         12           788         15           709         12           592         15           591         13           556         13           2271         12  
  | 111         111           111  
  | 118         7           10         7           84         8           279         4           911         8           901         8           910         6           975         9           983         7           396         6           396         6           396         6           394         6           394         6           394         6           394         6           267         6           267         6           267         6           267         6           267         6           267         6           260         6           70         8           447         7           2064         11           2661         12   
  | 97         76           89         55           14         64           63         56           04         6           15         40           19         42           90         6           85         78           22         40           80         62           37         43           97         86           94         64           97         86           94         64           95         74           90         43           464         74           90         43           91         64           92         44           93         74           94         64           95         74           96         43           97         86           94         74           95         43           465         44           251         88 | 55         755           51         755           51         755           54         53           55         55           10         78           56         78           59         67           74         65           38         61           55         96           24         86           38         97           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           54         500           55         56           56         56                                   | 88         pue         pue           99         pue         pue           4         684         4           2         699         733           4         844         7           7         722         6           6         692         741           1         711         733           7         722         5           45         9         733           300         777         9           9         711         4           4         711         4           4         711         4  
  | 91         92           92         93           92         92           93         46           93         46           93         46           93         346           94         900           95         97           96         89           97         611           97         4335           97         9356           91         91   
  | 3         491           9         309           9         309           4         284           7         609           4         463           2         591           6         311           9         552           5         734           4         474           7         422           8         480           1         66551           11         7690           2         242           8         311           5         577  | 484         484           3         538         533           4         533         402           3         407         388         340           4         344         344         344           4         322         344         342           4         392         413         388           5         565         565         374           3         374         393         374           4         393         374         393           2         4193         397         393           2         4193         397         599   | 4         4522           3         3800           4132         4190           2         419           3311         5           5         6700           2         412           3         367           7         3600           3         3744           4777         3600           3         3744           4593         3666           9         4159           3         4429           9         4766           7         457  | 4277349<br>3499349<br>442241<br>3899241<br>316<br>332236<br>323323<br>236<br>635<br>6420<br>2899<br>315<br>6722<br>7773<br>656  | 369           281           225           278           275           265           394           208           198           373           5277           321           2777           404           347           287           408           287           408           395  | 144         125         145         149         117         123         111         103         95         136         109         127         126         109         122         83         112         144  | 100           84           59           72           108           110           58           77           68           69           74           143           131           127           109           69           99           189 | 56           54           47           56           71           46           55           49           43           46           54           60           42           69           53           45           38           49  | pue SGIV/NIH 44<br>66<br>51<br>40<br>28<br>26<br>33<br>10<br>17<br>17<br>24<br>14<br>35<br>28<br>29<br>18<br>22<br>29<br>18<br>22<br>21<br>7  
  | 12<br>20<br>4<br>2<br>4<br>3<br>13<br>17<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>3<br>3<br>3<br>19<br>3<br>8<br>8   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland   | ₹           20251           18033           18186           18782           18634           18083           19104           19569           19401           19674           18888           19132           20170           19929           20075           20201           19743           21153           22749   | 3342           2977           2976           3311           2933           2672           2604           2820           2606           3049           3135           3644           3256           3494           3221           3300           2648           3405           4192  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2150<br>1883<br>2021<br>1968<br>2021<br>3198<br>2939<br>3909<br>4183  | 2020<br>1831<br>2184<br>20555<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256<br>2001<br>1521<br>2042<br>24855<br>22111521<br>2031<br>2225<br>1548<br>1628   | 1877           219           1955           204           1857           204           1855           2019           1955           204           1855           2019           190           190           190           201           201           201           201           201           201           201           201           201           201           202           202           203           1460           1489           2026           1911           1899           2266           1911           1388           1255   | 4         155           14         155           14         155           16         17           13         177           12         16           15         199           16         177           14         155           177         122           16         12           177         14           177         14           177         14           177         14           16         15           175         12           18         16           10         15           15         15           15         15           15         15           15         12           15         12           16         15           17         14  | 1472         1332           1472         1332           1472         1332           1472         1332           1472         1332           1472         1332           1496         13332           143333         13333           1444         13333           1556         14428           12428         12428           125551         13337           1217         12216  
  | 111         111           1172         7           1172         7           1172         7           1172         7           1172         7           1172         7           1172         12           111         102           111         8           111 </td <td>118         7           10         7           84         8           8279         4           991         8           910         6           975         9           983         7           9966         6           9974         6           6394         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6394         7           7064         11           6267         9</td> <td>97         76           889         55           14         64           63         56           04         61           15         44           90         67           885         78           22         44           80         62           37         43           97         86           94         64           78         66           74         90           94         64           78         66           94         64           78         62           90         47           900         47           900         42           8251         83           551         10</td> <td>55         75           51         75           51         75           51         75           51         75           52         75           55         55           66         78           66         78           66         78           66         78           66         78           674         655           38         611           55         96           24         86           38         97           54         50           11         87           36         103           42         74           70         72           33         86           96         623           96         623</td> <td>88         pue         pue</td> <td>93         90           92         90           93      
  90           94         90           95         90           96         90           97         91           96         92           97         93           96         92           97         93           97         93           97         93           97         93           97         93           97         93           97         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         &lt;</td> <td>3         499         3090           309         3090         3090           304         2844         2844           44         4665         31112           50         31112         31512           31         31512         31112           31         31512         31112           31         3112         31112           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3111         31111           31         3111         31111           31         31111         31111           31         31111         31111           31         31111         31111           31         31111         31111           31         31111         31111           31         31111         311111           31         311111         3111111</td> <td>484         484           3         538         539           4         533         402           3         402         344           4         344         349           4         402         344           4         402         344           4         344         344           4         344         344           4         344         344           4         344         344           5         5656         566           5         364         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           38         344         344           394         344         344           394         344         344           394         344         344           394         344<!--</td--><td>4         4522           3         380           0         4132           2         4190           3         347           0         311           5         6700           2         4123           3         2677           3         3669           4153         4679           4         4599           3         4422           9         4766           7         4377</td><td>42773349<br/>4224113389<br/>2411332233232323232323232323232323232323</td><td>3699         3699           28111         225           2752         2752           2654         2752           3944         3073           3211         3733           3212         3733           3213         3212           3214         4044           3477         2877           3404         3477           3405         3405           3406         3405           3407         3478</td><td>1444<br/>125<br/>145<br/>149<br/>117<br/>123<br/>149<br/>117<br/>123<br/>149<br/>117<br/>123<br/>100<br/>95<br/>136<br/>100<br/>95<br/>136<br/>100<br/>95<br/>136<br/>100<br/>95<br/>127<br/>126<br/>109<br/>95<br/>122<br/>122<br/>126<br/>145<br/>149<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>117<br/>123<br/>149<br/>117<br/>117<br/>123<br/>149<br/>117<br/>117<br/>123<br/>149<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>11</td><td>100         84           59         72           108         110           58         76           68         74           74         143           131         127           109         99           189         121</td><td>56           54           47           56           71           46           55           49           46           54           60           42           69           53           45           38           49           55</td><td>pup SUP 24<br/>4<br/>6<br/>6<br/>5<br/>1<br/>4<br/>0<br/>28<br/>26<br/>33<br/>10<br/>17<br/>17<br/>24<br/>14<br/>35<br/>28<br/>29<br/>18<br/>22<br/>17<br/>27</td><td>12           20           4           2           4           3           13           17           3           2           21           2           8           2           3           19           3           8           42</td></td>  | 118         7           10         7           84         8           8279         4           991         8           910         6           975         9           983         7           9966         6           9974         6           6394         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6267         6           6394         7           7064         11           6267         9  
  | 97         76           889         55           14         64           63         56           04         61           15         44           90         67           885         78           22         44           80         62           37         43           97         86           94         64           78         66           74         90           94         64           78         66           94         64           78         62           90         47           900         47           900         42           8251         83           551         10   | 55         75           51         75           51         75           51         75           51         75           52         75           55         55           66         78           66         78           66         78           66         78           66         78           674         655           38         611           55         96           24         86           38         97           54         50           11         87           36         103           42         74           70         72           33         86           96         623           96         623   | 88         pue  
  | 93         90           92         90           93         90           94         90           95         90           96         90           97         91           96         92           97         93           96         92           97         93           97         93           97         93           97         93           97         93           97         93           97         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         93           93         <  | 3         499         3090           309         3090         3090           304         2844         2844           44         4665         31112           50         31112         31512           31         31512         31112           31         31512         31112           31         3112         31112           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3112         31111           31         3111         31111           31         3111         31111           31         31111         31111           31         31111         31111           31         31111         31111           31         31111         31111           31         31111         31111           31         31111         311111           31         311111         3111111 | 484         484           3         538         539           4         533         402           3         402         344           4         344         349           4         402         344           4         402         344           4         344         344           4         344         344           4         344         344          
4         344         344           5         5656         566           5         364         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           37         344         344           38         344         344           394         344         344           394         344         344           394         344         344           394         344 </td <td>4         4522           3         380           0         4132           2         4190           3         347           0         311           5         6700           2         4123           3         2677           3         3669           4153         4679           4         4599           3         4422           9         4766           7         4377</td> <td>42773349<br/>4224113389<br/>2411332233232323232323232323232323232323</td> <td>3699         3699           28111         225           2752         2752           2654         2752           3944         3073           3211         3733           3212         3733           3213         3212           3214         4044           3477         2877           3404         3477           3405         3405           3406         3405           3407         3478</td> <td>1444<br/>125<br/>145<br/>149<br/>117<br/>123<br/>149<br/>117<br/>123<br/>149<br/>117<br/>123<br/>100<br/>95<br/>136<br/>100<br/>95<br/>136<br/>100<br/>95<br/>136<br/>100<br/>95<br/>127<br/>126<br/>109<br/>95<br/>122<br/>122<br/>126<br/>145<br/>149<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>149<br/>117<br/>117<br/>123<br/>149<br/>117<br/>117<br/>123<br/>149<br/>117<br/>117<br/>123<br/>149<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>11</td> <td>100         84           59         72           108         110           58         76           68         74           74         143           131         127           109         99           189         121</td> <td>56           54           47           56           71           46           55           49           46           54           60           42           69           53           45           38           49           55</td> <td>pup SUP 24<br/>4<br/>6<br/>6<br/>5<br/>1<br/>4<br/>0<br/>28<br/>26<br/>33<br/>10<br/>17<br/>17<br/>24<br/>14<br/>35<br/>28<br/>29<br/>18<br/>22<br/>17<br/>27</td> <td>12           20           4           2           4           3           13           17           3           2           21           2           8           2           3           19           3           8           42</td> | 4         4522           3         380           0         4132           2         4190           3         347           0         311           5         6700           2         4123           3         2677           3         3669           4153         4679           4         4599           3         4422           9         4766           7         4377   | 42773349<br>4224113389<br>2411332233232323232323232323232323232323  | 3699         3699           28111         225           2752         2752           2654         2752           3944         3073           3211         3733           3212         3733           3213         3212           3214         4044           3477         2877           3404         3477           3405         3405           3406         3405           3407         3478  | 1444<br>125<br>145<br>149<br>117<br>123<br>149<br>117<br>123<br>149<br>117<br>123<br>100<br>95<br>136<br>100<br>95<br>136<br>100<br>95<br>136<br>100<br>95<br>127<br>126<br>109<br>95<br>122<br>122<br>126<br>145<br>149<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>149<br>117<br>117<br>123<br>149<br>117<br>117<br>123<br>149<br>117<br>117<br>123<br>149<br>117<br>117<br>117<br>117<br>117<br>117<br>117<br>117<br>117<br>11 | 100         84           59         72           108         110           58         76           68         74           74         143           131         127           109         99           189         121                  | 56           54           47           56           71           46           55           49           46           54           60           42           69           53           45           38           49           55  | pup SUP 24<br>4<br>6<br>6<br>5<br>1<br>4<br>0<br>28<br>26<br>33<br>10<br>17<br>17<br>24<br>14<br>35<br>28<br>29<br>18<br>22<br>17<br>27  | 12           20           4           2           4           3           13           17           3           2           21           2           8           2           3           19           3           8           42   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland<br>Estonia  | ₹           20251           18033           18186           18782           18634           18063           19104           19569           19401           19674           18888           19135           20170           19929           20075           20201           19743           21153           22749           23061   | 3342           2977           2976           3311           2933           2672           2604           2820           2604           3049           3135           3614           3341           3256           3494           3221           3300           2648           3405           4192           3522  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>3198<br>2021<br>3198<br>2939<br>3909<br>4183<br>4651  | 20202<br>18311<br>21844<br>205552<br>21411<br>2036<br>22244<br>1971<br>2037<br>2273<br>22566<br>2001<br>1521<br>2042<br>22485<br>22111<br>2032<br>22485<br>22111<br>2031<br>2225<br>1521<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015<br>2015       | 1877           219           1955           204           1855           201           1855           201           1855           201           1855           201           190           190           190           190           190           201           188           206           146           187           189           2266           1911           188           1255           157   | 4         155           14         155           16         16           17         133           17         133           17         14           15         16           16         12           17         14           17         14           17         14           17         14           17         14           17         14           16         17           14         17           14         17           14         17           14         17           14         17           14         17           15         15           15         15           15         15           15         15           16         14           17         14           16         15           15         15           12         13  | 14472         13332         14472           13332         14472         13332         14472           1401         13332         1441         1332         1441           1502         1444         1332         13332         1444         13332         1444         133333         1428         1433337         1428         14355         14355         14355   
  | 111         3           112         7           112         12           112         12           112         12           112         12           112         12           112         12           112         12           112         12           112         12           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           114         8           115         9           116         9           117         12           118         12           119         12           110 </td <td>118         7           110         7           884         8           279         4           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9083         7           9083         7           90844         7           90844         7           90844         7           90845         7</td> <td>997         7(7)           889         5:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3</td> <td>55         755/1           75         75           75         75           75         75           75         75           75         75           76         78           77         75</td> <td>80         pure uses           90         pure uses           91         733           4         689           9         9           733         722           6         699           734         744           71         722           5         455           9         73300           77         722           9         7300           77         722           5         455           9         7300           77         722           9         7300           77         722           5         455           4         640           4         641           5         455</td> <td>93         93           92         93           93         93           93         93           94         94           95         97           93         34           94         90           95         97           91         45           92         99           93         46           93         36           94         600           95         35           96         355           94         511           95         355           96         355          
97         611           97         612           97         613           96         355           97         614           97         763           96         355           97         614           97         763           97         763           97         763           97         763           97         764           97         764           97         764           &lt;</td> <td>3         499         305           309         309         309         309           3044         288         428         288           4         465         311         49           55         7344         474         474           55         7344         474         474           405         55         7344         474           41         665         673         666           311         665         677           42         242         486         411</td> <td>4844         4845           3         5383           4         5334           5383         402           3846         402           3846         402           3942         3942           41313         377           3846         377           3934         377           3932         41313           377         3932           377         3923           3977         3923           3933         6324</td> <td>4         45254           4522         3800           41333         3800           41332         4199           4199         41333           5         6707           6707         360           3         3741           4199         4777           4199         4767           4190         3741           410         4599           47459         434459           477         43777           43177         431777           431777         431777</td> <td>42773349<br/>4224113389<br/>24113389<br/>24113336<br/>236<br/>236<br/>236<br/>236<br/>236<br/>236<br/>236<br/>236<br/>236</td> <td>3699         3699           2811         2255           278         2782           2765         265           3944         198           3733         3211           37777         2877           4044         3477           4044         3477           4034         39552           4084         4478</td> <td>1444<br/>125<br/>145<br/>145<br/>145<br/>149<br/>117<br/>123<br/>123<br/>123<br/>123<br/>111<br/>100<br/>95<br/>136<br/>109<br/>95<br/>136<br/>109<br/>95<br/>136<br/>109<br/>95<br/>136<br/>109<br/>95<br/>1227<br/>126<br/>130<br/>127<br/>127<br/>126<br/>145<br/>145<br/>145<br/>145<br/>145<br/>145<br/>145<br/>145<br/>145<br/>145</td> <td>100         84           59         72           108         110           58         69           74         143           131         127           109         69           99         189           121         186</td> <td>56           54           47           56           71           46           55           49           46           54           60           42           69           53           45           38           49           55           62</td> <td>HIV/VIDS and transmitted intermediate of the second second</td> <td>12           20           4           2           3           13           17           3           2           21           2           3           42           31</td>   | 118         7           110         7           884         8           279         4           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9091         8           9083         7           9083         7           90844         7           90844         7           90844         7           90845         7   
   | 997         7(7)           889         5:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3:3   | 55         755/1           75         75           75         75           75         75           75         75           75         75           76         78           77         75  | 80         pure uses           90         pure uses           91         733           4         689           9         9           733         722           6         699           734         744           71         722           5         455           9         73300           77         722           9         7300           77         722           5         455           9         7300           77         722           9         7300           77         722           5         455           4         640           4         641           5         455   
   | 93         93           92         93           93         93           93         93           94         94           95         97           93         34           94         90           95         97           91         45           92         99           93         46           93         36           94         600           95         35           96         355           94         511           95         355           96         355           97         611           97         612           97         613           96         355           97         614           97         763           96         355           97         614           97         763           97         763           97         763           97         763           97         764           97         764           97         764           <   | 3         499         305           309         309         309         309           3044         288         428         288           4         465         311         49           55         7344         474         474           55         7344         474         474           405         55         7344         474           41         665         673         666           311         665         677           42         242         486         411  | 4844         4845           3         5383           4         5334  
        5383         402           3846         402           3846         402           3942         3942           41313         377           3846         377           3934         377           3932         41313           377         3932           377         3923           3977         3923           3933         6324   | 4         45254           4522         3800           41333         3800           41332         4199           4199         41333           5         6707           6707         360           3         3741           4199         4777           4199         4767           4190         3741           410         4599           47459         434459           477         43777           43177         431777           431777         431777   | 42773349<br>4224113389<br>24113389<br>24113336<br>236<br>236<br>236<br>236<br>236<br>236<br>236<br>236<br>236   | 3699         3699           2811         2255           278         2782           2765         265           3944         198           3733         3211           37777         2877           4044         3477           4044         3477           4034         39552           4084         4478   | 1444<br>125<br>145<br>145<br>145<br>149<br>117<br>123<br>123<br>123<br>123<br>111<br>100<br>95<br>136<br>109<br>95<br>136<br>109<br>95<br>136<br>109<br>95<br>136<br>109<br>95<br>1227<br>126<br>130<br>127<br>127<br>126<br>145<br>145<br>145<br>145<br>145<br>145<br>145<br>145<br>145<br>145  | 100         84           59         72           108         110           58         69           74         143           131         127           109         69           99         189           121         186                 | 56           54           47           56           71           46           55           49           46           54           60           42           69           53           45           38           49           55           62   | HIV/VIDS and transmitted intermediate of the second | 12           20           4           2           3           13           17           3           2           21           2           3           42           31 |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland<br>Estonia<br>Croatia   | ₹           20251           18033           18186           18782           18634           18983           19104           19569           19674           18888           19135           20170           19920           20075           20201           19743           21753           23061           21886   | 3342           2977           2976           3311           2933           2672           2604           2820           2606           3049           3135           3644           3256           3494           3221           3300           2648           3405           4192  | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2150<br>1883<br>2021<br>1968<br>2021<br>3198<br>2939<br>3909<br>4183  | 2020<br>1831<br>2184<br>20555<br>2141<br>2036<br>2224<br>1971<br>2037<br>2273<br>2256<br>2001<br>1521<br>2042<br>24855<br>22111521<br>2031<br>2225<br>1548<br>1628   | 1877           219           1955           219           1955           219           1955           201           1955           201           1955           201           190           190           190           190           190           201           188           206           146           187           188           206           191           188           206           191           188           206           191           188           206           191           188           1255           1577           1455   | 4         155           144         155           144         155           145         160           147         133           177         133           177         141           177         142           149         167           141         177           142         166           155         157           144         177           155         152           155         152           155         152           155         122           160         155           155         122           163         100   | 14472         13332         1472           1332         14472         13332         14           1472         13332         14         13         12           1496         13         13         13         13         13           1502         1444         13         13         13         13         13         13         13         13         13         13         14         13         13         14         13         13         14         13         13         14         13         13         14         13         13         14         13         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         13         14         14         13         14         14         14         13         14         14         15         15         13         14         14         14         14         14         14         14         14         14         14   
  | 111         3           112         1           112         1           112         1           112         1           112         1           112         1           112         1           112         1           112         1           112         1           112         1           114         8           114  
  | 118         7           110         7           110         7           110         7           110         7           110         7           111  
  | 97         76           89         55           14         6           63         56           04         6           15         44           90         6           85         78           22         44           80         62           37         43           94         64           78         66           78         66           94         74           90         47           90         47           90         43           165         48           251         89           51         10   | 55         755         755           75         55         555           55         555         555           60         78         82           61         78         61         62           74         655         555         555           80         61         62         84           81         61         10         87           82         61         10         742           742         742         33         86           633         6523         86         6333           86         6333         653         86  | 80         pure           90         pure           91         90           92         9           93         73           4         843           7         722           6         694           4         744           9         733           7         722           7         722           7         722           7         722           9         733           7         722           9         733           9         733           9         731           4         671           4         671           4         671           4         712           4         555           45         555   
  | 93         93           92         93           92         94           93         4           93         4           93         4           93         4           93         4           93         4           93         4           93         3           93         3           93         3           93         3           93         164           93         164           93         164  
  | 3         499         305           309         309         309         309           304         288         309         309         309           304         288         41         465         311           305         7344         477         422         59           305         7344         477         422         488           411         655         584         49         49           304         477         422         242         49         49           311         555         743         577         743         556  | 484         484           538         538           453         533           538         402           384         533           402         384           384         384           402         392           384         397           397         364           397         393           397         595           393         6424           393         6424   | Image: system         Image: s   | 4277<br>3499<br>4222<br>418<br>3899<br>2411<br>3322<br>3233<br>236<br>4222<br>2511<br>3322<br>3233<br>236<br>4222<br>2511<br>3322<br>3233<br>6355<br>672<br>672<br>672<br>672<br>672<br>7733<br>6566<br>6517<br>752   | 3699         3699           2811         2255           278         278           275         265           394         198           373         3211           3777         287           4044         347           4044         3955           264         3955           4084         42444   | 1444<br>125<br>145<br>145<br>145<br>149<br>117<br>123<br>112<br>112<br>1123<br>110<br>109<br>95<br>1366<br>109<br>95<br>1366<br>109<br>95<br>1366<br>109<br>95<br>1227<br>126<br>83<br>3<br>1122<br>145<br>145<br>145<br>145<br>145<br>145<br>145<br>145<br>145<br>145   | 100         84           59         72           108         110           58         76           68         74           74         143           131         127           109         99           189         121                  | 56           54           47           56           71           46           55           49           46           54           60           42           69           53           45           38           49           55  | pup SUP 24<br>4<br>6<br>6<br>5<br>1<br>4<br>0<br>28<br>26<br>33<br>10<br>17<br>17<br>24<br>14<br>35<br>28<br>29<br>18<br>22<br>17<br>27   
  | 12           20           4           2           4           3           13           17           3           2           21           2           8           2           3           19           3           8           42   |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland<br>Estonia  | ₹           20251           18033           18186           18782           18634           18063           19104           19569           19401           19674           18888           19135           20170           19929           20075           20201           19743           21153           22749           23061   | 3342           2977           2976           3311           2933           2672           2604           3049           315           3614           3256           3494           3221           3300           2648           3404           3252           3300           2648           3492           3300           2648           3495           3405           3405           3494           3252           3700           3643           3494           3250           3494           3250           3700           3612   | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>1968<br>2021<br>1968<br>2001<br>3198<br>2909<br>3198<br>3909<br>4183<br>4651  | 20202<br>18311<br>21844<br>205552<br>21411<br>2036<br>22244<br>1971<br>2037<br>2273<br>22566<br>2001<br>1521<br>2042<br>22485<br>22111<br>2042<br>22485<br>22111<br>2042<br>2155<br>22141<br>1521<br>2042<br>2255<br>2011<br>1521<br>2015<br>2255<br>2016<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017      | 1877           219           1955           204           185           201           185           201           185           201           185           201           185           201           190           190           190           190           190           190           190           188           206           206           1466           207           188           208           189           2266           1911           188           2266           1911           188           2266           191           138           192           193           193  | 4         155           144         155           144         155           145         160           147         133           15         197           145         100           147         133           15         197           141         177           142         160           155         157           144         177           144         177           155         155           155         155           155         1223           100         155           155         1223           13         155           15         1233  | 141         13           121         13         14           121         13         14           121         13         14           121         13         14           121         14         15           121         13         13           121         13         13           121         13         13           121         13         14           121         13         14           121         13         14           121         14         15           121         14         15           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14           121         14         14   
  | 111         8           111         9           111         10 <t< td=""><td>111         7           110         7           110         7           110         7           110         7           110         7           110         6           110         6           110         6           110         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111</td><td>97         7(7)           89         5:2           814         6-6           63         5:0           80         6           81         7(7)           82         7(7)           835         7(7)           840         6           837         4:4           97         86           974         6:5           984         6:6           6:5         4:4           6:6         4:4           6:65         4:4           951         10           952         90           8:1         8:3</td><td>55         755           75         75           75         75           75         75           75         75           75         75           75         75           75         75           76         78           74         65           75         96           74         65           75         96           74         65           74         65           76         74           76         74           74         74           74         86           74         86           74         86           74         86           74         86           74         86           74         86           74         86           74         86          
74         86           73         86           86         86           86         86           86         86           86         86</td><td>80         pue uny           90         pue uny           4         68-32           90         733           4         844           7         722           4         744           1         711           8         744           9         723           9         722           9         723           9         734           9         734           9</td></t<> <td>separation         separation           separation         separation           <t< td=""><td>3         499         305           309         305         305           309         305         305           304         48         46           44         466         311           555         733         44           44         465         55           55         733         44           47422         59         55           311         7626         7422           24         47422         24           311         7656         5773           315         57742         5742           316         66         7773           558         5742         5742</td><td>484         484           5333         5333           40         5333           5332         402           341         5333           401         5333           402         394           402         394           388         374           3933         374           3934         374           3935         5633           5635         5633           5635         5633           6415         5633           6425         6025</td><td>Image: style style</td><td>427<br/>349<br/>422<br/>418<br/>389<br/>241<br/>316<br/>332<br/>236<br/>422<br/>251<br/>323<br/>4422<br/>251<br/>440<br/>289<br/>315<br/>672<br/>773<br/>656<br/>672<br/>773<br/>656<br/>517<br/>7752<br/>653</td><td>3699         3699           2811         2255           275         265           3944         208           1988         3733           5277         2777           3211         3217           2777         3477           2877         2877           3944         408           408         395           4788         395           4788         2288           559         559</td><td>1444<br/>1255<br/>1459<br/>1459<br/>1459<br/>1459<br/>1455<br/>1459<br/>1457<br/>1455<br/>1457<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>1</td><td>100<br/>84<br/>59<br/>72<br/>108<br/>110<br/>58<br/>77<br/>68<br/>69<br/>74<br/>74<br/>143<br/>131<br/>127<br/>109<br/>69<br/>99<br/>99<br/>9189<br/>121<br/>186<br/>150</td><td>56           54           47           56           71           65           49           43           46           54           60           42           69           53           45           38           49           55           62           45</td><td>44         66           51         40           28         18           26         33           10         177           199         24           14         35           28         28           18         26           17         199           24         14           35         28           29         18           22         27           167         17</td><td>12           20           4           2           3           17           3           21           2           8           3           3           19           3           8           42           31           33</td></t<></td> | 111         7           110         7           110         7           110         7           110         7           110         7           110         6           110         6           110         6           110         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         6           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111         7           111  
  | 97         7(7)           89         5:2           814         6-6           63         5:0           80         6           81         7(7)           82         7(7)           835         7(7)           840         6           837         4:4           97         86           974         6:5           984         6:6           6:5         4:4           6:6         4:4           6:65         4:4           951         10           952         90           8:1         8:3   | 55         755           75         75           75         75           75         75           75         75           75         75           75         75           75         75           76         78           74         65           75         96           74         65           75         96           74         65           74         65           76         74           76         74           74         74           74         86           74         86           74         86           74         86           74         86           74         86           74         86           74         86           74         86           74         86           73         86           86         86           86         86           86         86           86         86  | 80         pue uny           90         pue uny           4         68-32           90         733           4         844           7         722           4         744           1         711           8         744           9         723           9         722           9         723           9         734           9         734           9  
  | separation         separation           separation         separation <t< td=""><td>3         499         305           309         305         305           309         305         305           304         48         46           44         466         311           555         733         44           44         465         55           55         733         44           47422         59         55           311         7626         7422           24         47422         24           311         7656         5773           315         57742         5742           316         66         7773           558         5742         5742</td><td>484         484           5333         5333           40         5333           5332         402           341         5333           401         5333           402         394           402         394           388         374           3933         374           3934         374           3935         5633           5635         5633           5635         5633           6415         5633           6425         6025</td><td>Image: style style</td><td>427<br/>349<br/>422<br/>418<br/>389<br/>241<br/>316<br/>332<br/>236<br/>422<br/>251<br/>323<br/>4422<br/>251<br/>440<br/>289<br/>315<br/>672<br/>773<br/>656<br/>672<br/>773<br/>656<br/>517<br/>7752<br/>653</td><td>3699         3699           2811         2255           275         265           3944         208           1988         3733           5277         2777           3211         3217           2777         3477           2877         2877           3944         408           408         395           4788         395           4788         2288           559         559</td><td>1444<br/>1255<br/>1459<br/>1459<br/>1459<br/>1459<br/>1455<br/>1459<br/>1457<br/>1455<br/>1457<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>117<br/>1</td><td>100<br/>84<br/>59<br/>72<br/>108<br/>110<br/>58<br/>77<br/>68<br/>69<br/>74<br/>74<br/>143<br/>131<br/>127<br/>109<br/>69<br/>99<br/>99<br/>9189<br/>121<br/>186<br/>150</td><td>56           54           47           56           71           65           49           43           46           54           60           42           69           53           45           38           49           55           62           45</td><td>44         66           51         40           28         18           26         33           10         177           199         24           14         35           28         28           18         26           17         199           24         14           35         28           29         18           22         27           167         17</td><td>12           20           4           2           3           17           3           21           2           8           3           3           19           3           8           42           31           33</td></t<> | 3         499         305           309         305         305           309         305         305           304         48         46           44         466         311           555         733         44           44         465         55           55         733         44           47422         59         55           311         7626         7422           24         47422         24           311         7656         5773           315         57742         5742           316         66         7773           558         5742         5742   | 484         484           5333         5333           40         5333           5332         402           341         5333           401         5333           402         394           402         394           388         374           3933         374           3934         374           3935         5633           5635         5633           5635         5633           6415         5633           6425         6025  | Image: style | 427<br>349<br>422<br>418<br>389<br>241<br>316<br>332<br>236<br>422<br>251<br>323<br>4422<br>251<br>440<br>289<br>315<br>672<br>773<br>656<br>672<br>773<br>656<br>517<br>7752<br>653  | 3699         3699           2811         2255           275         265           3944         208           1988         3733           5277         2777           3211         3217           2777         3477           2877         2877           3944         408           408         395           4788         395           4788         2288           559         559   
   | 1444<br>1255<br>1459<br>1459<br>1459<br>1459<br>1455<br>1459<br>1457<br>1455<br>1457<br>117<br>117<br>117<br>117<br>117<br>117<br>117<br>117<br>117<br>1   | 100<br>84<br>59<br>72<br>108<br>110<br>58<br>77<br>68<br>69<br>74<br>74<br>143<br>131<br>127<br>109<br>69<br>99<br>99<br>9189<br>121<br>186<br>150  | 56           54           47           56           71           65           49           43           46           54           60           42           69           53           45           38           49           55           62           45  | 44         66           51         40           28         18           26         33           10         177           199         24           14         35           28         28           18         26           17         199           24         14           35         28           29         18           22         27           167         17  | 12           20           4           2           3           17           3           21           2           8           3           3           19           3           8           42           31           33  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland<br>Estonia<br>Croatia<br>Slovakia                                   | ₹           20251           18033           18186           18782           18634           18983           19104           19569           19674           18888           19135           20170           19929           20075           20201           19743           21153           23061           21886           23352   | 3342           2977           2976           3311           2933           2672           2604           3049           315           3614           3256           3494           3221           3300           2648           3404           3252           3300           2648           3492           3300           2648           3495           3405           3405           3494           3252           3700           3643           3494           3250           3494           3250           3700           3612   | 2759<br>1834<br>2032<br>1628<br>21628<br>2329<br>2511<br>2408<br>2864<br>2032<br>2150<br>1883<br>2546<br>2021<br>1968<br>2601<br>3198<br>2939<br>3909<br>34051<br>4267<br>5134  | 2020<br>183112<br>2184<br>2055<br>2141<br>2036<br>2024<br>2037<br>2037<br>2042<br>2042<br>2042<br>2042<br>2042<br>2048<br>2042<br>2048<br>2048<br>2048<br>2048<br>2015<br>1521<br>2042<br>2055<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2016<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017 | 1877           219           1955           204           185           201           185           201           185           201           185           201           185           201           185           201           190           190           190           188           206           206           206           188           206           188           206           188           206           189           2266           1911           188           2266           1911           188           2266           1911           138           1255           137           137   | 44         155           144         155           144         155           160         144           17         133           177         133           177         142           199         16           121         155           122         155           123         155           124         155           155         125           155         125           155         125           155         125           155         125           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         123           155         133           155         155                        | 141         1332           1332         14472           1332         14472           1332         14472           1332         14472           1332         1414           141         1332           152         141           1532         151           15332         151           154         1556           1556         132           1556         132           1513         122           1513         122  
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  | 97         7(7)           89         52           89         52           14         6-6           63         56           14         6-6           15         44           190         6           885         70           22         44           90         6           337         42           97         86           94         6-778           6045         77           90         4           4251         86           51         10           52         90           81         82   | 55         755         755           74         753         755           75         755         755           76         787         787           74         755         755           75         755         755           74         755         755           74         765         747           75         766         747         755           76         747         755         755           76         747         725         747           70         722         744         747           70         722         747         755  | 80         pure         p   
  | 93         90           92         92           93         46           94         600           97         97           98         46           99         97           90         97           91         1           92         99           93         36           92         99           93         36           93         38           92         99           93         35           94         511           97         764           93         36           94         511           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764           97         764  | 499         3000           499         3000           400         264           400         264           400         264           400         265           301         311           302         311           302  
      311           302         311           302         311           302         311           303         355           304         311           305         311           305         311           305         311  | 4844           3           4844           4834           5332           49           5332           41           5332           341           401           402           341           341           341           341           341           341           341           341           341           341           341           341           341           341           341           341           341           359           359           3632           3632           3632           3632           3644           3684           3602           3602           3602           3612           3612           3612           3612           3612           3612           3612           3612           3612           3612      3612  | Image: style | 42773349<br>422414273349<br>42241423389<br>42251332232323233233233233223<br>6355672225153356722<br>63556725356533693  | 3699         3699           2811         2255           275         265           3944         208           1988         208           39344         208           3934         208           3934         208           3934         208           3944         347           287         408           2084         2887           4084         2687           4084         2687           408         267           3955         3944           408         2687           408         2687           408         2687           408         2687           408         2687           408         2687           408         2687           408         2687           408         424           2288         574           574         574 | 1444<br>1255<br>1455<br>1495<br>1499<br>1177<br>123<br>1111<br>103<br>100<br>955<br>1366<br>1099<br>1277<br>1266<br>83<br>1099<br>1227<br>1268<br>83<br>1122<br>1422<br>1422<br>1422<br>1422<br>1422<br>1422<br>142  | 100<br>84<br>59<br>72<br>78<br>68<br>100<br>58<br>77<br>68<br>69<br>74<br>74<br>74<br>143<br>131<br>127<br>109<br>69<br>99<br>99<br>99<br>189<br>121<br>186<br>150<br>182   | 56           54           47           56           71           55           49           43           46           54           60           42           69           53           45           38           49           55           62           45           76   | ul pur solution of the second  | 12<br>20<br>4<br>3<br>3<br>13<br>17<br>3<br>2<br>2<br>1<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland<br>Estonia<br>Croatia<br>Slovakia<br>Lithuania<br>Hungary<br>Latvia | ₹           20251           18033           18186           18782           18634           1904           19569           19401           19569           19401           19569           20075           20075           20075           20201           19743           21886           23061           21886           24500           25648           24500           26016  | 3342<br>2977<br>2976<br>3311<br>2933<br>2672<br>2604<br>2800<br>2604<br>2800<br>3049<br>3135<br>3614<br>3341<br>3345<br>3494<br>3300<br>2648<br>3494<br>3300<br>2648<br>3494<br>3300<br>2648<br>3495<br>3573<br>3762<br>3573<br>3651<br>3631  | 2759<br>1834<br>2032<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2150<br>2864<br>2021<br>1968<br>2039<br>2546<br>2039<br>4183<br>3909<br>4183<br>3909<br>4183<br>4651<br>4267<br>5134<br>55824<br>55824<br>55824 | 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     4         444         444         444         444         444         444         444         444         4453         4453         4553         4553         4553         4553         4553         4553         4553         4533         4533         4533         4533         4533         4533         4533<td>93         90           94         600           97         611           98         90           99         90           90         90           90         90           91         600           92         90           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         164           93         164           94         94           94         94           94         94           94         94           94         94</td><td>499         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502</td><td><math display="block">\begin{array}{c} 144\\ 145\\ 145\\ 145\\ 149\\ 117\\ 123\\ 149\\ 117\\ 123\\ 149\\ 100\\ 95\\ 136\\ 109\\ 95\\ 136\\ 109\\ 127\\ 126\\ 136\\ 112\\ 122\\ 196\\ 130\\ 122\\ 161\\ 161\\ 161\\ 161\\ 161\\ 161\\ 161</math></td><td>100<br/>84<br/>59<br/>72<br/>108<br/>110<br/>58<br/>69<br/>74<br/>74<br/>74<br/>143<br/>131<br/>127<br/>109<br/>69<br/>99<br/>99<br/>99<br/>2121<br/>186<br/>150<br/>182<br/>182<br/>7187</td><td>56           54           47           56           47           56           49           43           46           54           49           43           46           54           49           43           46           54           60           42           69           53           38           49           55           62           45           76           78           56           89</td><td>pue SQIN/NH 44<br/>66<br/>51<br/>40<br/>28<br/>33<br/>10<br/>17<br/>24<br/>14<br/>35<br/>28<br/>29<br/>18<br/>22<br/>17<br/>27<br/>167<br/>17<br/>22<br/>107<br/>17<br/>22<br/>300<br/>300</td><td>12           20           4           2           4           3           17           3           2           21           2           3           3           4           33           36           32           33           36           32           33           32           33           31</td></td> | 997         7(7)           997         7(7)           998         55           14         64           63         55           04         63           15         44           115         44           115         44           115         44           115         44           122         44           800         63           917         8480           924         64           929         7           9394         64           947         78           9494         77           950         44           1052       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     pue         uive           91         91         32           92         733         4         844           7         722         66         69           4         844         744         11         711           7         722         5         455         5           5         55         55         55         355           99         730         0         772         1           99         730         0         774         671           99         733         4         671         4           4         474         415         552         4           4         552         2         444         552         2         444         444           4         4555         7         7         88         4552         4         444         444         444         444         444         444         444         444         4453         4453         4553         4553         4553         4553         4553         4553         4553         4533         4533         4533         4533         4533         4533         4533 <td>93         90           94         600           97         611           98         90           99         90           90         90           90         90           91         600           92         90           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         164           93         164           94         94           94         94           94         94           94         94           94         94</td> <td>499         3004           4284         3004           4284         3004           4284         3004           4284         3004           429         3004           467         4004           55         7333           3848         477           422         59           311         366    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<td>100<br/>84<br/>59<br/>72<br/>108<br/>110<br/>58<br/>69<br/>74<br/>74<br/>74<br/>143<br/>131<br/>127<br/>109<br/>69<br/>99<br/>99<br/>99<br/>2121<br/>186<br/>150<br/>182<br/>182<br/>7187</td> <td>56           54           47           56           47           56           49           43           46           54           49           43           46           54           49           43           46           54           60           42           69           53           38           49           55           62           45           76           78           56           89</td> <td>pue SQIN/NH 44<br/>66<br/>51<br/>40<br/>28<br/>33<br/>10<br/>17<br/>24<br/>14<br/>35<br/>28<br/>29<br/>18<br/>22<br/>17<br/>27<br/>167<br/>17<br/>22<br/>107<br/>17<br/>22<br/>300<br/>300</td> <td>12           20           4           2           4           3           17           3           2           21           2           3           3           4           33           36           32           33           36           32           33           32           33           31</td> | 93         90           94         600           97         611           98         90           99         90           90         90           90         90           91         600           92         90           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         82           93         164           93         164           94         94           94         94           94         94           94         94           94         94  | 499         3004           4284         3004           4284         3004           4284         3004           4284         3004           429         3004           467         4004           55         7333           3848         477           422         59           311         366           477         422           431         3004           422         59           33         480           477         422           411         76           422         241           477         422           41         76           422         241           431         166           55         5743           555         7433           555         5743           433         1355           555         5743           555         5743           555         5743           565         5743           575         575           575         575           575         575  | 484         484           5333         5333           4533         3402           5333         5402           341         5333           341         5333           341         5333           341         5333           341         3414           3938         3414           3922         4131           313         5566           313         3414           3937         7           3933         6422           313         6002           313         6002           314         6144           402         6144   
   | Image: style | 42773349<br>422241<br>33899241<br>33893233<br>3236<br>332233232<br>422<br>2511<br>6355<br>652<br>6535<br>652<br>6535<br>6526<br>653<br>6536<br>653<br>6556<br>653<br>6536<br>653<br>653<br>653  | 3699         2815           2255         2655           2675         2655           394         208           3733         3733           3211         2775           2655         2775           2655         2777           3047         2877           2010         2777           4044         2877           2644         2887           2655         5592           265502         502   | $\begin{array}{c} 144\\ 145\\ 145\\ 145\\ 149\\ 117\\ 123\\ 149\\ 117\\ 123\\ 149\\ 100\\ 95\\ 136\\ 109\\ 95\\ 136\\ 109\\ 127\\ 126\\ 136\\ 112\\ 122\\ 196\\ 130\\ 122\\ 161\\ 161\\ 161\\ 161\\ 161\\ 161\\ 161$   | 100<br>84<br>59<br>72<br>108<br>110<br>58<br>69<br>74<br>74<br>74<br>143<br>131<br>127<br>109<br>69<br>99<br>99<br>99<br>2121<br>186<br>150<br>182<br>182<br>7187   | 56           54           47           56           47           56           49           43           46           54           49           43           46           54           49           43           46           54           60           42           69           53           38           49           55           62           45           76           78           56           89 | pue SQIN/NH 44<br>66<br>51<br>40<br>28<br>33<br>10<br>17<br>24<br>14<br>35<br>28<br>29<br>18<br>22<br>17<br>27<br>167<br>17<br>22<br>107<br>17<br>22<br>300<br>300   | 12           20           4           2           4           3           17           3           2           21           2           3           3           4           33           36           32           33           36           32           33           32           33           31  |
| Spain<br>Italy<br>France<br>Luxembourg<br>Sweden<br>Malta<br>Austria<br>Finland<br>Ireland<br>Portugal<br>Netherlands<br>Slovenia<br>Belgium<br>Denmark<br>Germany<br>Greece<br>Cyprus<br>Czechia<br>Poland<br>Estonia<br>Croatia<br>Slovakia<br>Lithuania<br>Hungary           | ₹           20251           18033           18186           18782           18634           18069           18983           19104           19569           19401           19674           18888           19135           20170           19929           20075           20201           19743           21153           22749           23352           25648           24500 | 3342<br>2977<br>2976<br>3311<br>2933<br>2672<br>2604<br>2820<br>2606<br>3049<br>3135<br>33614<br>3341<br>3352<br>3494<br>3494<br>3494<br>3494<br>3494<br>3494<br>3405<br>2648<br>3405<br>2648<br>3405<br>2648<br>3405<br>2648<br>3405<br>2673<br>3572<br>3770<br>3762<br>3573<br>3572<br>3573<br>3522<br>3573<br>3522<br>3575<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3522<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3523<br>3525<br>3523<br>3523<br>3525<br>3523<br>3523<br>3525<br>3523<br>3525<br>3523<br>3525<br>3523<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3525<br>3555<br>3555<br>3555<br>3555<br>3555<br>3555<br>3555<br>3555<br>3555<br>35555<br>35555<br>35555<br>355555<br>355555<br>3555555 | 2759<br>1834<br>2032<br>1628<br>1981<br>2329<br>2511<br>2408<br>2864<br>2193<br>2150<br>1883<br>2546<br>2021<br>1968<br>2021<br>3198<br>2039<br>3909<br>34183<br>4651<br>4267<br>5134<br>5520<br>6603<br>6604   | 20200<br>1831<br>2184<br>2055<br>2141<br>2037<br>2224<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2036<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037<br>2037  | 1877           219           1955           204           1955           204           1955           201           1955           201           1900 | 44         155           144         155           144         155           155         160           147         133           155         155           155         160           147         133           155         199           161         177           142         160           15         177           144         177           12         160           12         161           12         161           14         177           14         177           14         177           14         175           15         122           15         122           15         123           16         164           13         155           12         16           14         15           15         12           14         15           15         12           16         16           17         14           18         14           13         15 | 550         14496           332         14496           332         14496           332         14496           332         14496           333         14496           343         13484           3333         14496           3484         13333           3484         13333           3484         13333           3484         13337           3488         1663           9992         1991           33337         1216           336556         133           36664         1216           3133         1216           3143         1216           31533         1216           3143         1216           31533         1216           31613         12           31634         131           31634         131           31634         131           31634         131           31634         131           31634         131           31634         131           31634         131           31634         131 <t< td=""><td>111         8           111         9           112         7           112         7           112         7           112         7           112         7           112         7           112         7           112         7           111         8           111</td><td>1118         7           110         7           84         8           9391         8           9391         8           9391         8           9391         8           9391         8           9391         8           9391         8           336         6           680         9           74         6           6267         6           6267         6           6267         6           70064         11           9         9           9880         7           7770         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         9     </td></t<> <td>997         7(7)           889         5:           141         64:           663         5:           044         663           155         44           115         44           115         44           115         44           115         44           115         44           115         44           122         44       
   14         64           14         64           12         44           12         14           14         12</td> <td>755         755           755         757           757</td> <td>Solution         Solution           Solution         Solution&lt;</td> <td>93         90           94         600           97         41           98         34           99         35           99         35           90         100           91         600           92         699           93         466           93         346           93         346           93         346           93         346           93         346           93         346           94         511           10         764           94         511           10         764           94         94           94         94           94         94           95         94           94         94           95         94           94         94           95         94           95         94           94         94           95         94           95         94           95         94           95         95           95</td> <td>33         499         300           4         284         284           4         284         284           4         284         284           4         285         300           4         486         311           5         55         733           4         474         422           5         55         733           4         474         422           4         474         422           5         5         733           4         474         422           4         474         422           5         5         737           4         474         486           3         355         5           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         5</td> <td>484         484           5333         400           384         5333           400         384           400         384           400         384           400         384           400         400           200         344           400         400           21         397           32         4131           30         374           33         374           33         642           33         642           34         600           35         616           36         612           36         612           36         612           36         612           37         595           36         633           37         595           36         613           37         595           38         600           39         614           39         614           39         614           39         614           39         614           39         614</td> <td>I         452           452         3300           3         3403           3         3403           3         3403           3         3403           3         3403           3         3473           3         3473           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3696           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3673           3         3673</td> <td>42773349<br/>422241<br/>33899241<br/>33893233<br/>3236<br/>332233232<br/>422<br/>2511<br/>6355<br/>652<br/>6535<br/>652<br/>6535<br/>6526<br/>653<br/>6536<br/>653<br/>6556<br/>653<br/>6536<br/>653<br/>653<br/>653</td> <td>3699         2815           225         265           334         200           334         200           334         200           334         200           3215         200           33733         3211           3211         200           33733         3211           3211         200           3347         200           3477         200           395         200           5599         574424           200         502           2010         1000</td> <td>1444<br/>1255<br/>1457<br/>1499<br/>1177<br/>123<br/>111<br/>100<br/>95<br/>1366<br/>109<br/>95<br/>127<br/>126<br/>109<br/>122<br/>126<br/>130<br/>122<br/>126<br/>130<br/>122<br/>162<br/>162<br/>162<br/>162<br/>162<br/>163<br/>163<br/>152<br/>161</td> <td>100<br/>84<br/>59<br/>72<br/>108<br/>110<br/>58<br/>77<br/>68<br/>69<br/>74<br/>143<br/>131<br/>127<br/>74<br/>143<br/>131<br/>127<br/>109<br/>69<br/>99<br/>121<br/>189<br/>150<br/>150<br/>182<br/>237</td> <td>56           54           47           56           71           46           55           49           43           60           42           69           53           45           53           45           53           45           56           76           78           56</td> <td>pue SQINAL ACT ACT ACT ACT ACT ACT ACT ACT ACT ACT</td> <td>12           20           4           3           13           17           3           2           2           8           2           3           17           3           2           13           19           3           8           42           31           33           36           32           33           36           32           33</td> | 111         8           111         9           112         7           112         7           112         7           112         7           112         7           112         7           112         7           112         7           111         8           111  
  | 1118         7           110         7           84         8           9391         8           9391         8           9391         8           9391         8           9391         8           9391         8           9391         8           336         6           680         9           74         6           6267         6           6267         6           6267         6           70064         11           9         9           9880         7           7770         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         8           9         9           9         9  
  | 997         7(7)           889         5:           141         64:           663         5:           044         663           155         44           115         44           115         44           115         44           115         44           115         44           115         44           122         44           14         64           14         64           12         44           12         14           14         12   | 755         755           755         757           757 | Solution         Solution           Solution         Solution<  
  | 93         90           94         600           97         41           98         34           99         35           99         35           90         100           91         600           92         699           93         466           93         346           93         346           93         346           93         346           93         346           93         346           94         511           10         764           94         511           10         764           94         94           94         94           94         94           95         94           94         94           95         94           94         94           95         94           95         94           94         94           95         94           95         94           95         94           95         95           95   | 33         499         300           4         284         284           4         284         284           4         284         284           4         285         300           4         486         311           5         55         733           4         474         422           5         55         733           4         474         422           4         474         422           5         5         733           4         474         422           4         474         422           5         5         737           4         474         486           3         355         5           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         77           5         5         5   | 484         484          
5333         400           384         5333           400         384           400         384           400         384           400         384           400         400           200         344           400         400           21         397           32         4131           30         374           33         374           33         642           33         642           34         600           35         616           36         612           36         612           36         612           36         612           37         595           36         633           37         595           36         613           37         595           38         600           39         614           39         614           39         614           39         614           39         614           39         614  | I         452           452         3300           3         3403           3         3403           3         3403           3         3403           3         3403           3         3473           3         3473           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3696           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3674           3         3673           3         3673   | 42773349<br>422241<br>33899241<br>33893233<br>3236<br>332233232<br>422<br>2511<br>6355<br>652<br>6535<br>652<br>6535<br>6526<br>653<br>6536<br>653<br>6556<br>653<br>6536<br>653<br>653<br>653  | 3699         2815           225         265           334         200           334         200           334         200           334         200           3215         200           33733         3211           3211         200           33733         3211           3211         200           3347         200           3477         200           395         200           5599         574424           200         502           2010         1000   | 1444<br>1255<br>1457<br>1499<br>1177<br>123<br>111<br>100<br>95<br>1366<br>109<br>95<br>127<br>126<br>109<br>122<br>126<br>130<br>122<br>126<br>130<br>122<br>162<br>162<br>162<br>162<br>162<br>163<br>163<br>152<br>161  | 100<br>84<br>59<br>72<br>108<br>110<br>58<br>77<br>68<br>69<br>74<br>143<br>131<br>127<br>74<br>143<br>131<br>127<br>109<br>69<br>99<br>121<br>189<br>150<br>150<br>182<br>237  | 56           54           47           56           71           46           55           49           43           60           42           69           53           45           53           45           53           45           56           76           78           56  | pue SQINAL ACT   | 12           20           4           3           13           17           3           2           2           8           2           3           17           3           2           13           19           3           8           42           31           33           36           32           33           36           32           33  |

Fig. 1 Age-standardised death (A) and DALY (B) rates (per 100 000 inhabitants) by the Level 2 causes for the European Union and for each country in 2019. Footnote (to be included next to the figure)—Cells in green (or lighter grey) have a rate statistically significantly lower than EU, red (or darker) higher and yellow (or medium grey) without statistically significant differences

	AS Death rate	Ð	AS YLL rate		AS YLD rate		AS DALY rate		Life expectancy	ncy	Health-adjusted life expectancy	sted life
	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)
European Union	465.8 (451.2; 480.9)	-8.8 (-11. <i>7;</i> -5.9)	9564 (9158; 9997)	-12 (-15.7; -8.1)	10,687 (7908; 13,858)	0.6 (-0.1; 1.2)	20,251 (17,408; 23,514)	-5.8 (-8; -3.7)	81.0 (80.6; 81.3)	1.4 (1.0; 1.9)	69.8 (66.6; 72.7)	1.2 (0.7; 1.6)
Austria	420.8 (413.4; 428.8)	-11.2 (-12.9; -9.4)	8360 (8154; 8584)	-14.9 (-17.2; -12.5)	10,744 (7927; 13,927)	-0.4 (-2; 1.2)	19,104 (16,292; 22,253)	-7.3 (-9.2; -5.6)	82.2 (82; 82.3)	1.7 (1.4; 2)	70.6 (67.2; 73.6)	1.6 (1.2; 1.9)
Belgium	449.5 (439.6; 460.2)	-9.4 (-11.6; -7.2)	9129 (8837; 9453)	-12.5 (-15.4; -9.4)	11,041 (8083; 14,321)	-2.1 (-3.7; -0.3)	20,170 (17,230; 23,435)	-7.1 (-9; -5.1)	81.4 (81.2; 81.6)	1.5 (1.2; 1.8)	69.7 (66.3; 72.8)	1.5 (1.1; 2)
Bulgaria	894.8 (744.3; 1070.7)	-7.1 (-23.7; 11)	19,339 (15,632; 23,799)	-9.4 (-27.9; 11.4)	10,036 (7413; 12,976)	0.3 (-1.5; 2.3)	29,375 (24,710; 34,547)	-6.3 (-18.7; 8)	73.3 (70.9; 75.7)	1.4 (-2; 4.9)	64.6 (61.4; 67.6)	1.3 (-1.9; 4.3)
Croatia	591.3 (486.8; 714.9)	-14.2 (-29.4; 3.6)		-16.7 (-33.4; 3.5)	10,274 (7607; 13,342)	0.2 (-2.1; 2.5)	21,886 (18,21 <i>9</i> ; 26,054)	-9.5 (-19.5; 2)	78.7 (76.5; 80.8)	2.4 (-0.4; 5.2)	68.2 (64.8; 71.5)	2 (-0.5; 4.2)
Cyprus	519.4 (480.7; 563.4)	-14.4 (-21; -7.1)	9235 (8394; 10,194)	-12.4 (-20.6; -3)	10,508 (7709; 13,612)	0.4 (-1.1; 1.7)	19,743 (16,838; 22,880)	-6 (-10.7; -1.4)	80.8 (80; 81.6)	1.6 (0.6; 2.6)	69.9 (66.7; 72.9)	1.4 (0.5; 2.3)
Czechia	541 (457.8; 638.7)	-12.1 (-25.5; 3.6)	10,745 (8899; 12,953)	-15.2 (-29.7; 2.2)	1 0,409 (7680; 1 3,558)	0.2 (-1.8; 2.3)	21,153 (17,813; 24,971)	-8.2 (-16.7; 1.5)	79.5 (77.6; 81.3)	2.1 (-0.4; 4.4)	68.6 (65.1; 71.7)	1.7 (-0.4; 3.6)
Denmark	462.4 (449.3; 476.6)	-13.2 (-15.9; -10.5)	9162 (8798; 9566)	-14.9 (-18.4; -11.1)	10,768 (7956; 13,905)	-0.1 (-1.6; 1.6)	19,929 (17,111; 23,155)	-7.5 (-10; -5.2)	81.1 (80.8; 81.4)	2 (1.6; 2.4)	69.9 (66.7; 72.8)	1.7 (1.3; 2.2)
Estonia	584.3 (477.6; 707.2)	-12.8 (-28.8; 6)	13,026 (10,488; 16,078)	-15.4 (-32; 4.1)	1 0,035 (7400; 1 3,058)	-0.3 (-2.5; 1.8)	23,061 (19,316; 27,134)	-9.5 (-19.9; 2.3)	78 (75.6; 80.5)	2.4 (-0.9; 5.6)	68.1 (64.7; 71.4)	2.2 (-0.7; 5)
Finland	428.4 (414.9; 443.1)	-11.6 (-14.5; -8.5)	8765 (8419; 9144)	-15.4 (-18.9; -11.7)	10,805 (7991; 14,005)	-1.1 (-2.7; 0.6)	19,569 (16,724; 22,872)	-8.1 (-10.5; -5.9)	81.9 (81.5; 82.2)	1.8 (1.3; 2.3)	70.3 (67; 73.3)	1.8 (1.3; 2.3)
France	387.5 (380.3; 395.2)	-10.7 (-12.5; -8.9)	8282 (8061; 8526)	-13 (-15.5; -10.4)	10,499 (7719; 13,653)	0 (-1.8; 2)	18,782 (16,017; 21,919)	-6.2 (-8.2; -4.2)	82.9 (82.7; 83.1)	1.6 (1.3; 1.8)	71.5 (68.1; 74.5)	1.3 (0.9; 1.7)
Germany	462.5 (455.3; 471.1)	-5.2 (-6.7; -3.4)	9126 (8946; 9330)	-8.2 (-10.1; -6.2)	10,949 (8072; 14,255)	0.7 (-1.8; 3.2)	20,075 (17,158; 23 315)	-3.6 (-5.3; -1.7)	81.2 (81; 81.4)	0.9 (0.6; 1.1)	69.7 (66.4; 72.7)	0.6 (0.1; 1)

	AS Death rate	a	AS YLL rate		AS YLD rate		AS DALY rate		Life expectancy	cy	Health-adjusted life expectancy	ted life
	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)
European Union	465.8 (451.2; 480.9)	-8.8 (-11.7; -5.9)	9564 (9158; 9997)	-12 (-15.7; -8.1)	10,687 (7908; 13,858)	0.6 (-0.1; 1.2)	20,251 (17,408; 23,514)	-5.8 (-8; -3.7)	81.0 (80.6; 81.3)	1.4 (1.0; 1.9)	69.8 (66.6; 72.7)	1.2 (0.7; 1.6)
Greece	472.9 (461.8; 485.2)	-4.8 (-7.2; -2.3)	9543 (9206; 9929)	-6.1 (-9.6; -2.3)	10,658 (7853; 13,819)	-0.5 (-2.2; 1.3)	20,201 (17,423; 23,370)	-3.2 (-5.4; -1)	80.9 (80.7; 81.2)	0.7 (0.3; 1)	69.9 (66.7; 72.7)	0.7 (0.2; 1.1)
Hungary	667.5 (566.5; 785.6)	-13.1 (-26.1; 2.2)	14,296 (11,873; 17,181)	-15.9 (-30.1; 1)	10,204 (7532; 13,215)	0.4 (-1.6; 2.4)	24,500 (20,800; 28,629)	-9.8 (-18.7; 0.8)	76.6 (74.6; 78.6)	2.5 (-0.3; 5.1)	66.8 (63.6; 69.9)	2.1 (-0.2; 4.2)
Ireland	430.5 (416.4; 446)	-9.7 (-12.9; -6.4)	8320 (7935; 8752)	-14.5 (-18.6; -10.1)	11,081 (8177; 14,373)	0.2 (-1.5; 2)	19,401 (16,512; 22,745)	-6.7 (-9.4; -4.2)	82 (81 <i>.7;</i> 82.4)	1.5 (1.1; 2)	70.4 (67; 73.3)	1.3 (0.7; 1.8)
ltaly	386.8 (383.4; 390.1)	-9.2 (-10.1; -8.4)	7439 (7344; 7527)	-11.5 (-12.7; -10.4)	10,746 (7879; 14,084)	0.1 (-0.6; 0.8)	18,186 (15,294; 21,486)	-5 (-6.1; -4)	83.1 (83; 83.2)	1.2 (1.1; 1.4)	71.2 (67.8; 74.3)	1 (0.9; 1.2)
Latvia	685.3 (596.3; 797.8)	-15.7 (-26.6; -1.9)	15,938 (13,622; 18,804)	-19.9 (-31.5; -5.8)	10,078 (7427; 13,078)	-1 (-2.8; 0.9)	26,016 (22,399; 30,171)	-13.5 (-21.6; -3.9)	75.9 (73.8; 77.7)	3.5 (0.8; 6.1)	66.3 (63.2; 69.2)	3.3 (0.9; 5.6)
Lithuania	666.1 (565.5; 780)	-18.5 (-30.7; -4.5)	15,538 (13,039; 18,462)	-22.8 (-35; -8.1)	10,111 (7490; 13,073)	-2.1 (-4; -0.1)	25,648 (21,935; 29,654)	-15.8 (-24; -5.9)	76.2 (74.1; 78.3)	4.1 (1.2; 7)	66.6 (63.3; 69.6)	4 (1.4; 6.4)
Luxembourg	389.2 (353.4; 432.3)	-16.8 (-24.7; -7.4)	7794 (6939; 8847)	-16 (-25.7; -4.5)	10,840 (8014; 14,065)	-0.1 (-2; 1.8)	18,634 (15,642; 22,023)	-7.4 (-12.3; -1.9)	82.9 (81.8; 83.9)	2.3 (0.9; 3.7)	71 (67.5; 74.1)	1.9 (0.6; 3.1)
Malta	400.4 (365.8; 438.7)	-13.1 (-20.3; -5.3)	8350 (7400; 9502)	-12.7 (-22.6; -1.1)	10,633 (7845; 13,777)	-0.2 (-1.7; 1.3)	18,983 (16,094; 22,345)	-6.1 (-11.2; -0.6)	82.6 (81.6; 83.5)	1.8 (0.7; 3)	71.1 (67.7; 74.1)	1.5 (0.5; 2.6)
Netherlands	443.1 (432.3; 454.7)	-6.6 (-8.9; -4.1)	8503 (8200; 8844)	-9 (-12.3; -5.4)	10,385 (7710; 13,439)	2.3 (0.4; 4.5)	18,888 (16,190; 22,000)	-3.1 (-5.4; -0.8)	81.7 (81.5; 82)	2.1 (-0.2; 4.4)	70.6 (67.5; 73.4)	0.4 (-0.1; 0.9)
Poland	583.8 (504.2; 672.3)	-11.2 (-23.5; 2.1)	12,787 (10,894; 14,824)	-14.5 (-27.1; -0.5)	9963 (7364; 12,907)	0.1 (-0.7; 0.8)	22,749 (19,421; 26,563)	-8.7 (-16.6; -0.2)	78.1 (76.3; 79.9)	1.8 (1.5; 2.2)	68.1 (64.8; 71.2)	1.9 (-0.1; 3.8)
Portugal	439.9 (429.4; 451.3)	-12 (-14.3; -9.6)	8774 (8463; 9122)	-15.3 (-18.4; -11.8)	10,900 (8009; 14,120)	-2.2 (-3.8; -0.8)	19,674 (16,845; 22,930)	-8.5 (-10.7; -6.5)	81.7 (81.5; 82)	1.8 (1.5; 2.2)	70.2 (66.8; 73.2)	2 (1.6; 2.4)

Table 1 (continued)

	AS Death rate	Ð	AS YLL rate		AS YLD rate		AS DALY rate	Ð	Life expectancy	усу	Health-adjusted life expectancy	sted life
	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)	2019	2010–2019 (%)
European Union	465.8 (451. <i>2;</i> 480.9)	-8.8 (-11.7; -5.9)	9564 (9158; 9997)	-12 (-15.7; -8.1)	10,687 (7908; 13,858)	0.6 (-0.1; 1.2)	20,251 (17,408; 23,514)	-5.8 (-8; -3.7) 81.0 (80.6; 81.3)	81.0 (80.6; 81.3)	1.4 (1.0; 1.9) 69.8 (66.6; 72.7)	69.8 (66.6; 72.7)	1.2 (0.7; 1.6)
Romania	716.5 (611.7; 835.4)	716.5 (611.7; -12.2 (-25.1; 835.4) 2.2)	16,199 (13,757; 19,117)	-14.6 (-27.5; 0.5)	9844 (7318; 12,819)	0.1 (-2; 2.2)	26,044 (22,457; 29,967)	-9.6 (-18.4; 0.7)	75.5 (73.5; 77.5)	2.4 (-0.3; 5)	66.4 (63.3; 69.2)	2.1 (-0.3; 4.4)
Slovakia	623.9 (511.6; 756.9)	-12.6 (-28.6; 6)	13,208 (10,559; 16,428)	-15 (-32.1; 5.3)	10,144 (7480; 13,113)	0 (-2.1; 2.1)	23,352 (19,472; 27,684)	-9.1 (-19.4; 3.3)	77.6 (75.2; 79.9)	2.3 (-0.8; 5.4)	67.6 (64.1; 70.8)	2 (-0.7; 4.5)
Slovenia	447.4 (362.1; 560.3)	-14.2 (-30.3; 6.9)	9023 (7218; 11,474)	-16.2 (-32.7; 6.4)	10,112 (7485; 13,119)	-2.5 (-4.4; -0.8)	19,135 (15,775; 23,040)	-9.5 (-18.5; 2.1)	81.4 (78.9; 83.7)	2.1 (-1; 5)	70.4 (66.7; 73.9)	2.2 (-0.6; 4.5)
Spain	385.9 (378.7; 393.6)	385.9 (378.7; -8.9 (-10.6; -7) 7570 (7372; 393.6) 7792)	7570 (7372; 7792)	-11.4 (-13.8; -8.8)	10,463 (7734; 1.3 (-0.5; 3.1) 13,596)	1.3 (-0.5; 3.1)	18,033 (15,282; 21,170)	-4.5 (-6.3; -2.6)	83.1 (82.9; 83.3)	1.2 (1; 1.5)	71.6 (68.3; 74.5)	0.9 (0.5; 1.3)
Sweden	397.9 (393.1; -8.5 (-9.9; 403) -7.2)	-8.5 (-9.9; -7.2)	7595 (7477; 7723)	-10.2 (-11.8; -8.5)	10,474 (7727; 0.9 (-0.5; 2.2) 13,605)	0.9 (-0.5; 2.2)	18,069 (15,379; 21,133)	-4.1 (-5.5; -2.8)	82.8 (82.7; 83)	1.2 (1; 1.4)	71.4 (68.1; 74.3)	0.9 (0.6; 1.2)

 Table 1 (continued)

10 to 14

5 to 9

1 to 4 <1 year

150 000

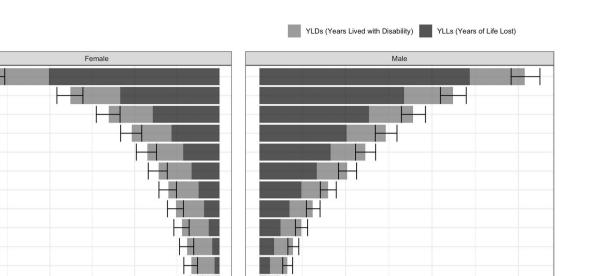


Fig. 2 Disability adjusted life years (DALYs) per 100,000 inhabitants, split into Years of life lost (YLL) and Years lived with disability (YLD), by sex and age group in the European Union in 2019. The error bars indicate the 95% uncertainty interval around the DALYs estimates

DALYs (YLDs + YLLs) per 100,000 general population (95% CI)

H

⊪

50 000

Н

H

Figure 1A and B show the age-standardised death and DALY rates, respectively, for the EU and each EU country in 2019, for all Level 2 causes, comparing each country with the EU. Causes had different patterns across EU countries. For example, for HIV/AIDS and sexually transmitted infections, Latvia and Portugal had the highest age-standardised death and DALY rates, with more than five times the EU. The contribution of fatal and non-fatal components of age-standardised DALY rates varied substantially across Level 2 causes (Fig. 3A). For neoplasms and cardiovascular diseases, YLLs contributed more than YLDs, while for musculoskeletal and mental disorders, the total DALYs were almost exclusively YLDs.

100 000

50 000

Figure 3B highlights the relative change in age-standardised YLL, YLD and DALY rates between 2010 and 2019 for Level 2 causes. Age-standardised YLL rates declined for all causes except for mental disorders (14.5% increase) and skin and subcutaneous diseases (2.6% increase), while Level 2 causes were quite evenly split between increases and decreases for age-standardised YLD rates. The largest decreases in age-standardised DALY rates were observed for HIV/AIDS and sexually transmitted diseases (-19.2%) and transport injuries (-19.1%). On the other hand, only diabetes and kidney diseases showed a significant increase (3.5%) for age-standardised DALY rates in the EU between 2010 and 2019, mainly due to the age-standardised YLD rate increase. Finally, it is worth mentioning that mental disorders showed a non-significant increase for age-standardised DALY rates between 2010 and 2019 and this increase was mainly due to YLL rates, although there was also an increase in age-standardised YLD rates.

100 000

150 000

# Discussion

This study presents an overview of the state of health of the EU-27 and individual Member States in 2019, comparing the findings with data from 2010 to examine changes over the last decade. The results indicate that most countries experienced a significant, albeit varied, reduction in all-cause, age-standardised mortality and YLL rates over this period, although this pattern differed by country and region. During this time period, there were no substantial changes in all-cause agestandardised YLD rates, with the increase in the Netherlands being the most notable. The EU all-cause,

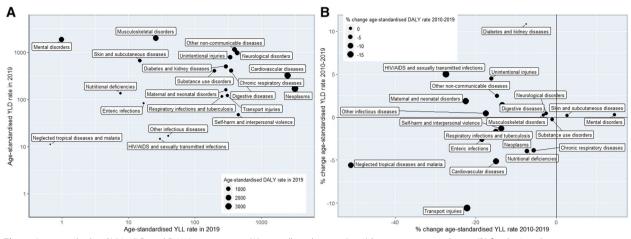


Fig. 3 Age-standardised YLL, YLD and DALY rates in 2019 (A), as well as changes (in %) between 2010 and 2019 (B) for the Level 2 causes in the European Union

age-standardised DALY rate fell by 5.8% over this period, mirroring global trends [15].

The observed variability in all-cause age-standardized death rates across countries in 2019 indicates that there are geographical clusters of mortality in the EU. The pattern of mortality burden clusters with a clear geographical variation across the EU was also observed for life expectancy rates and HALE measures. This pattern has been previously highlighted [13]. However, despite recent progress to reduce these differences, its persistence suggests that improvements may not continue uniformly across the EU without enhanced, combined and coordinated efforts to address a wide range of inequalities across health determinants, including socioeconomic factors.

Neoplasms and cardiovascular diseases were the leading causes for the burden of disease in the EU in 2019; both are attributable to the behavioural risk factors and depend on early diagnosis, treatment and management of risk factors. Inherently, these are among the costliest diseases for EU countries [24]. Additionally, with population ageing, NCDs are expected to increase over time and represent a greater proportion of overall deaths with higher mortality rates associated with cancer and cardiovascular disease relative to communicable diseases [25]. A recent analysis of changes in mortality and disability, comparing data from the GBD 1990-2019, confirmed this trend, finding that there has been an overall increase in disease burden among older Europeans during this time period, primarily driven by cardiovascular diseases [26]. These changes have not been homogeneous across the EU. As structures and systems take time to adapt to such changes, it suggests that existing differences may magnify if intervention strategies are not urgently introduced. Examining age-standardised DALY due to cancer, rates in the EU were between those of China (higher rate) and the United States of America (lower rate) [27]. EU countries had an estimated cancer burden of 4 million new cases annually in 2020, with cancer disproportionately affecting older Europeans and those living in Eastern EU Member States [28]. Future interventions must be designed to address the main drivers of NCDs, including population ageing, changes in population structure, and improvements in population-level risk factors, also considered in the Europe's Beating Cancer Plan. These must also address reasons for important differences across European regions. For example, despite the existence of cancer screening programmes across EU countries, differences in uptake of cancer screening varies according to socioeconomic factors; inequalities including lower household income, higher unemployment, and lower levels of educational attainment are associated with reduced uptake, especially in Eastern EU member states [29]. A similar trend is seen for cardiovascular diseases. EU member states with lower income levels and greater degrees of socioeconomic inequalities have disproportionately higher incidence rates and a greater burden of cardiovascular disease [30].

In this study, age-standardised death rates between countries varied widely by disease. For example, the results draw attention to the preventable high rates of self-harm and interpersonal violence across the EU in 2019. These mainly affected younger age groups. Although rates vary across the EU, we observed a geographical pattern with higher rates in the Baltic region. These differences in self-harm have been shown previously and likely relate to differences in the burden of mental disorders across the EU [31]. Baltic countries have historically had the highest rates of alcohol-related mortality and suicide, as well as a high burden of mental and behavioural disorders [32].

Infectious diseases, in general, represented a small share of age-standardised death rates until 2019, presenting an optimistic scenario regarding these most preventable diseases. There was, however, considerable heterogeneity in age-standardised death rates for some infectious diseases such as HIV and sexually transmitted infections, which despite overall low rates, had prominent outliers with relatively high rates in Latvia and Portugal. This highlights the importance of national preventive programmes that tackle the different transmission pathways, alongside with strengthening of surveillance systems [33].

Besides this heterogeneity, such infectious diseases showed an increased age-standardised YLL rate. This will be difficult to overcome without tailored health policies as the incidence of HIV is still increasing in several EU countries [34]. Moreover, infectious diseases are likely to represent a growing share of total disease burden following the COVID-19 pandemic, and will likely be of great importance in future GBD revisions.

Regarding DALYs, remarkable regional differences were found in cardiovascular diseases, self-harm and transport injuries, which were significantly higher in Eastern EU countries. Mental disorders were the fourth highest cause of age-standardised DALY rates and did not show a decrease over recent years. In fact, they showed a nonsignificant increase, mainly due to a remarkable increase in YLL. These conditions also represent one of the leading causes of YLD, which has been rising over recent years and has increased even more following the COVID-19 pandemic [35, 36]. Additionally, self-harm and interpersonal violence may also be linked to mental disorders, as an example of interacting causes. Thus, viewed as a whole, mental health disorders and other related possible outcomes such as self-harm and mortality linked to mental disorders, deserve special attention in line with WHO priorities [37].

The age-standardised YLD estimates generated by the GBD 2019 study show slight variation over time and across geographic areas and are subject to large levels of uncertainty. The former is mainly driven by the fact that the GBD severity distributions do not vary over time and space [38], essentially reducing differences in YLD rates to differences in the underlying prevalence estimates. Since prevalence data are typically sparser and more uncertain than mortality data, the modelled prevalence estimates further tend to smooth out temporal and spatial heterogeneity. In parallel, EU countries would need to improve the quality and performance of their health information systems, strengthening and integrating data

available through disease registers, claims data, primary care data, hospital discharge data and health surveys.

## Strengths and limitations

This study is important and timely as it reflects the state of health in the EU prior to a number of major changes, including the COVID-19 pandemic and Brexit (the departure of the UK from the EU), and therefore will likely be important for policy-makers to understand the state of health of Europe at this pivotal moment in time. Although the UK is not included in the analysis and that potential adverse effects of Brexit on the health of the UK have been discussed [39], less is known about how it could impact the remaining EU-27. To date, there has been wide variation in the resilience and responses of health systems and governments to the pandemic across the EU, which replicates many of the regional variations presented in this study of the state of health of the EU. Comparing the results of this study with post-pandemic and post-Brexit GBD data will therefore be crucial to assess the impact of these 'shocks' on the health of EU citizens. Moreover, it could be pivotal for policy makers to address in future studies. Another strength of this study is that it provides estimates at the national level for EU countries for which burden of disease studies are lacking or are scarce and can support priority setting and resource allocations. This study used estimates provided by the GBD 2019 study and hence shares some limitations with other GBD studies, predominantly related mostly to the availability and quality of primary data, in particular for morbidity, which might not be homogeneous across EU countries. Moreover, there are some limitations pertaining to this paper related to: (1) the study design as it is a descriptive study, does not aim to estimate the effect of EU level policies; (2) timeline (as it provides an overall EU-level assessment across 10 years and excludes in-depth national assessment taking into account the year of accession to the EU); and (3) data availability. In addition, GBD metrics apply the same disability weights for all countries and regions. Such limitations have been widely discussed in the literature [15, 38].

Regarding the age-standardisation, it is also essential to highlight that while it is essential to ensure a global and comparable age standardisation, the used world standard population by GBD instead of a European standard population may change the ranking of causes [40].

# Conclusions

In conclusion, although population health in the EU has been improving, large differences between countries persist. Health outcomes remain much better in Western or Southern Europe (e.g. Spain, Italy or France) than in Central and Eastern Europe (e.g. Bulgaria or Romania) or the Baltic states (e.g. Latvia or Lithuania). NCDs, particularly neoplasms and cardiovascular diseases continue to be the leading causes of disease burden. This study suggests that addressing the prevalence and incidence of diseases and injuries should be a priority for EU health policy makers, emphasising reducing health inequalities across the block. Attention must be paid to specific causes, including mental disorders, given their impact on YLD [41]. This study highlights that there are many opportunities for mutual learning among otherwise similar EU countries with different patterns of disease and injury.

# **Supplementary Information**

The online version contains supplementary material available at https://doi. org/10.1186/s12889-024-18529-3.

Supplementary Material 1.

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## Involvement of humans in the study

Only secondary data was used for this study.

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JVS, APM, BB, DAG, DP, EAM, FG, FF, GS, CHN, IN, JLP, JAH, KK, LM, NG, RS, RH, RH, RO, SC, SM, ZK, AF and BD have conceived and designed the study and drafted the work. JVS, FG and RH performed the data analysis. Contributions for additional authors may be found in the appendix. All authors have given inputs on the interpretation of data, substantially revised the manuscript and have approved the submitted version.

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#### Availability of data and materials

The datasets analysed during the current study are publicly available in the GBD 2019 Results Tool and GBD 2019 Compare repositories (https://vizhub. healthdata.org/gbd-results/ and https://vizhub.healthdata.org/gbd-compare, respectively).

## Declarations

Ethics approval and consent to participate Not applicable.

#### Consent for publication

Not applicable.

### **Competing interests**

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