

STATISTICAL STUDY ON THE HEALTH SYSTEM IN THE EUROPEAN UNION, 2011-2023

MURARITA ILIE

ASSOC. PROF. PH.D, UNIVERSITY OF CRAIOVA, FACULTY OF ECONOMICS AND BUSINESS
ADMINISTRATION, CRAIOVA, ROMANIA

e-mail: iliemurarita@yahoo.com

Abstract

Health is a goal of every person, but also of all humanity, at all times. In this material, the main indicators specific to the health system in the European Union in the period 2011-2023 are presented and evaluated. In this regard, we have followed a series of indicators selected from the main categories used in the European Union, as follows: health status (the indicators used are: healthy life years, accident injuries, absence from work due to health problems, etc.), health determinants (the indicators are: body mass index, physical activity, fruit and vegetable consumption, tobacco consumption, alcohol consumption, social environment), health (the main indicators are: health care expenditure by provider, function and financing scheme, health care resources, health care activities in hospitals, use of medicines, etc.), causes of death, health and safety at work. This last category is broken down into subcategories: accidents at work (the indicators are: characteristics of the injured person; characteristics of the injury, including severity; characteristics of the enterprise, including economic activity, etc.), occupational accidents and other work-related health problems (the indicators studied are: accidents at work, work-related health problems, exposure to risk factors), experimental statistics regarding occupational diseases. Since the volume of data is very large, for the presentation of the different indicators we ordered the countries according to the annual average level, then we kept only the countries with the lowest values, as well as the highest values. To these we added the values for Romania and the neighboring countries Bulgaria and Hungary. Finally, using comparable values (rates or absolute values reported to the population of each country) we tried to build a ranking of the countries that make up the European Union.

Keywords: health, health statistics, health status, determinants of health, causes of death, health and safety at work

JEL classification: C82, I15

1. Introduction

The study of health-specific indicators involved the use of data sets, which we took from Eurostat (the statistical office of the European Union). We considered it useful to take over and present the definitions / descriptions that Eurostat provides.

It should be noted that "health statistics measure both objective and subjective aspects of people's health". They also track "different types of health-related issues, including key indicators on the functioning of health care systems and occupational health and safety". The organization of the databases takes into account a number of main themes, as follows: "public health, health status, determinants of health, health, causes of death, occupational health and safety, accidents at work, work-related health problems and exposure to risk factors, occupational diseases (experimental statistics)."

Health status – from this perspective, statistics "focus on different aspects of people's health status, which allows for the analysis of public health problems, demographic patterns, socio-economic trends, and disparities in health status." The specific data consider the following: "healthy life years, self-perceived health and well-being, functional and activity limitations, self-reported chronic morbidity, injuries from accidents, absence from work due to health problems".

Determinants of health – in this database we find statistics on "non-medical" factors (e.g. lifestyle and behaviour) that influence health. While a healthy lifestyle contributes to the prevention of chronic diseases, an unhealthy lifestyle leads to the development of diseases (which becomes a serious financial problem). The specific data refer to the following aspects: "body mass index, physical activity, fruit and vegetable consumption, tobacco consumption, alcohol consumption, social environment".

Health – the indicators in this section 'may be used to assess the functioning and performance of health care systems, including quality of and access to health care services', with specific data referring to the following aspects: 'health care expenditure by provider, function and funding scheme, health care resources, health care activities in hospitals, outpatient care, prevention services, use of medicines, home care and help, unmet health needs'.

Causes of death – the specific data refers to the main cause of death, which is "the disease or injury that initiated the series of morbid events that directly led to death or the circumstances of the accident or violence that caused the fatal injury" (World Health Organization). Data can be: on an annual basis, for total absolute figures, crude mortality rates and standardised deaths rates, at national and regional level, broken down into residents and non-residents, broken down by sex and age groups. The data are based on the International Statistical Classification of Diseases and Related Health Problems.

Health and safety at work – this category contains indicators divided into three categories: accidents at work, accidents at work and other work-related health problems, respectively experimental statistics on occupational diseases. Accidents at work provide information on the number of accidents at work. The specific data refer to the following aspects: "the characteristics of the injured person; the characteristics of the injury, including severity; the characteristics of the enterprise, including the economic activity; the characteristics of the accident, including the causes and circumstances of the accident. Accidents at work and other work-related health problems provide information on work-related health problems and exposure to risk factors, and specific data cover the following aspects: "accidents at work, work-related health problems, exposure to risk factors". Experimental statistics on occupational diseases provide information on the annual number of recognised cases of occupational diseases for the countries participating in the collection of these data.

2. Statistical analysis of the health system in the European Union, in the period 2011-2023

In the following, we will present the data regarding the most important indicators for evaluating the health field. As there is a lot of data and we have significant differences from one country to another, in order to highlight as best as possible the situation of the indicators studied, we decided to organize the data in ascending order of the annual average level. In the graphs we have kept only the countries with extreme values (three minimums and three maximums), as well as the values of Romania, Bulgaria and Hungary (in order to be able to make a zonal comparison). It should be noted that the data have different periods for the indicators studied, for most of them 2022 is the last year for which we have data.

For the study of the number of healthy life years, we represented in figure 1 the evolution of life expectancy in absolute value at birth, in the period 2011-2022 (data are taken from Annex 1). The lowest levels are recorded for Bulgaria (with an annual average of 74.31 years), Latvia (with an annual average of 74.61 years) and Romania (with an annual average of 74.78 years), and the highest levels for France (with an annual average of 82.53 years), Italy (with an annual average of 82.92 years) and Spain (with an annual average of 83.16 years). The annual average at the level of the European Union is 80.61 years.

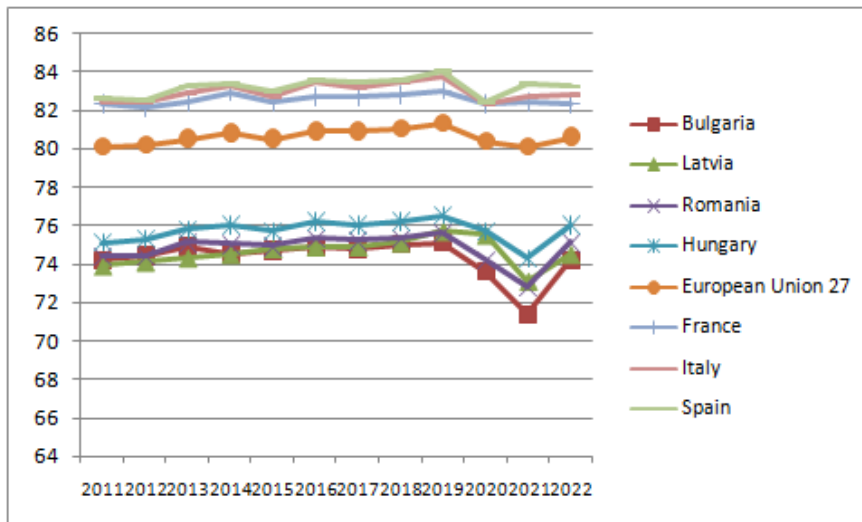


Figure 1. Evolution of life expectancy in absolute value at birth in the EU, 2011-2022

For the study of the "causes of death" category, we represented in Figure 2 the evolution of all deaths reported in each country, in the period 2014-2022 (data are taken from Annex 2). The lowest levels are recorded for Malta (annual average is 3,771), Luxembourg (annual average is 4,140) and Cyprus (annual average is 6,296), and the highest levels are recorded for France (annual average is 620,317), Italy (annual average is 662,564) and Germany (annual average is 662,564).958.925). The zonal ranking is: Bulgaria (annual average is 114,791), Hungary (annual average is 134,494), Romania (annual average is 271,179). Given the fact that these absolute values are dependent on the population for which they are calculated, we considered it useful to determine the relative values as a percentage of the total population of each country. Thus, it turned out that the three countries remain at the bottom of the ranking, Luxembourg (0.64%), Cyprus (0.70%) and Malta (0.72%), but at the top were Hungary (1.40%), Romania (1.42%) and Bulgaria (1.77%).

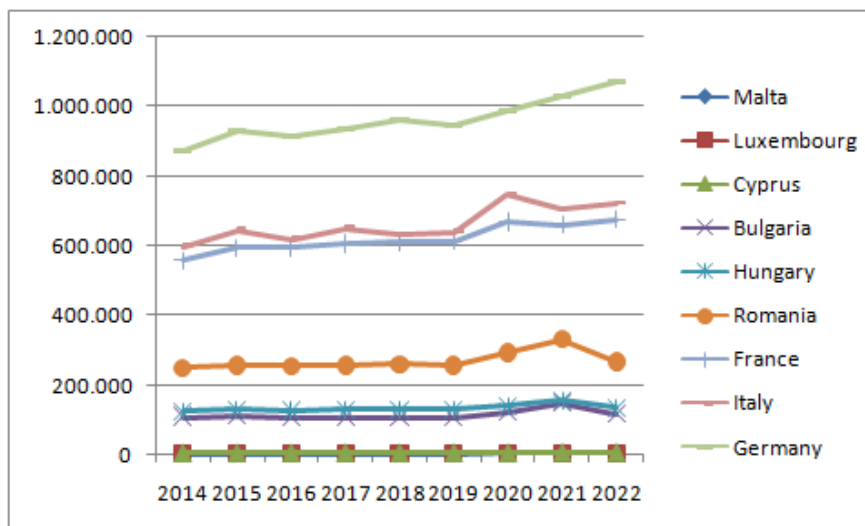


Figure 2. Evolution of deaths by country of residence in the EU, 2014-2022

For the study of the main causes of death, we have selected only a part of them, depending on the levels recorded, as follows. Figure 3 shows the evolution of deaths caused by malignant neoplasms in the period 2014-2022 (data are taken from Annex 3). The lowest levels are recorded for Malta (annual average is 969), Luxembourg (annual average is 1,074) and Cyprus (annual average is 1,417), and the highest levels are recorded for France (annual average is 163,094), Italy (annual average is 168,762) and Germany (annual average is 229,527). The zonal ranking is: Bulgaria (annual average is 17,524), Hungary (annual average is 32,071), Romania (annual average

is 49,616). The percentage ratio to the total population shows that at the bottom of the ranking remain the same three countries, Cyprus (0.16%), Luxembourg (0.17%) and Malta (0.19%), and at the top were Germany (0.28%), Italy (0.29%) and Hungary (0.33%).

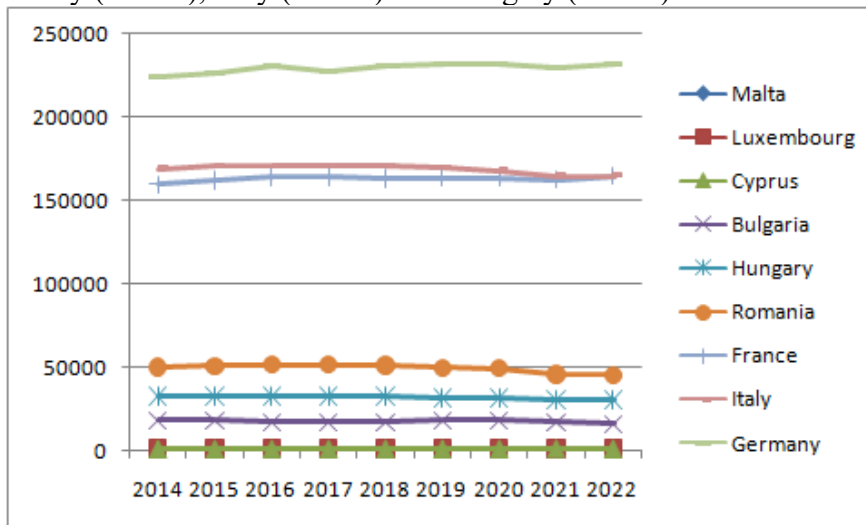


Figure 3. Evolution of deaths by malignant neoplasms in the EU, 2014-2022

Figure 4 shows the evolution of deaths caused by diseases of the circulatory system, in the period 2014-2022 (data are taken from Annex 4). The lowest levels are recorded for Luxembourg (annual average is 1,158), Malta (annual average is 1,270) and Cyprus (annual average is 1,876), and the highest levels are recorded for Poland (annual average is 170,406), Italy (annual average is 224,305) and Germany (annual average is 344,153). The zonal ranking is: Hungary (annual average is 64,510), Bulgaria (annual average is 72,573), Romania (annual average is 153,659). The percentage ratio to the total population shows that at the bottom of the ranking remain the same three countries, Luxembourg (0.18%), Cyprus (0.21%) and Malta (0.24%), and at the top were Hungary (0.67%), Romania (0.81%) and Bulgaria (1.12%).

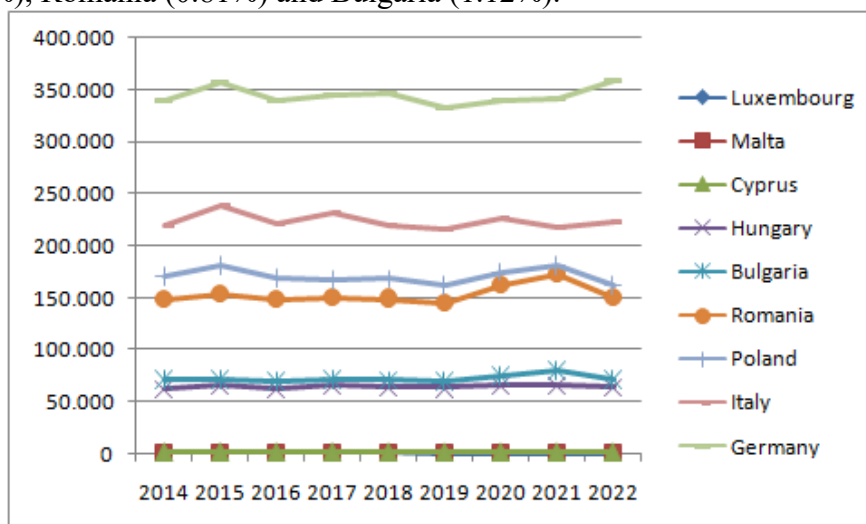


Figure 4. Evolution of deaths by diseases of the circulatory system in the EU, 2014-2022

Figure 5 shows the evolution of deaths caused by diseases of the respiratory system, in the period 2014-2022 (data are taken from Annex 5). The lowest levels are recorded in Luxembourg (annual average is 330), Malta (annual average is 405) and Cyprus (annual average is 556), and the highest levels are recorded in Spain (annual average is 46,348), Italy (annual average is 49,823) and Germany (annual average is 65,069). The zonal ranking is: Bulgaria (annual average is 4,947), Hungary (annual average is 7,551), Romania (annual average is 17,663). The percentage ratio to the total population shows that at the bottom of the ranking we have Luxembourg (0.051%), Cyprus

(0.061%) and Bulgaria (0.076%), and at the top were Italy (0.084%), Romania (0.093%) and Spain (0.098%).

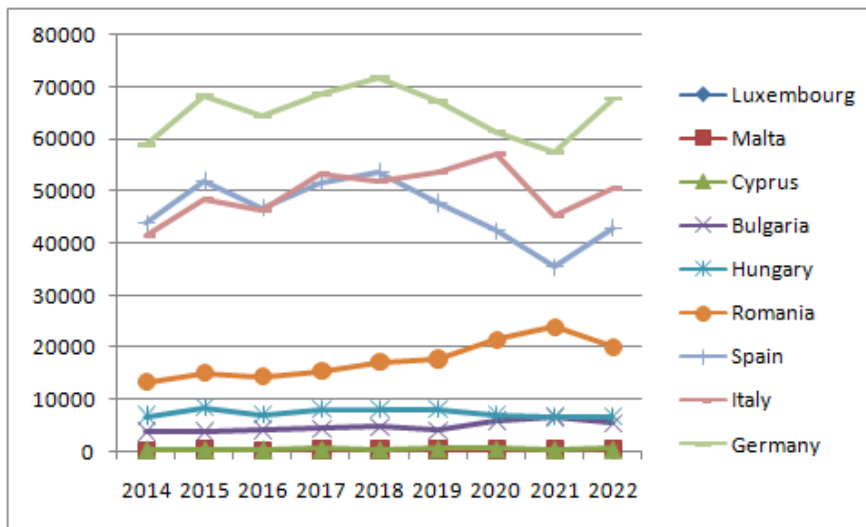


Figure 5. Evolution of deaths by diseases of the respiratory system in the EU, 2014-2022

Figure 6 shows the evolution of deaths caused by diseases of the digestive system, in the period 2014-2022 (data are taken from Annex 6). The lowest levels are recorded for Malta (annual average is 123), Luxembourg (annual average is 192) and Cyprus (annual average is 215), and the highest levels are recorded for Italy (annual average is 23,214), France (annual average is 24,780) and Germany (annual average is 41,755). The zonal ranking is: Bulgaria (annual average is 4,063), Hungary (annual average is 6,437), Romania (annual average is 15,106). The percentage ratio to the total population shows that at the bottom of the ranking we also have Malta (0.024%), Cyprus (0.024%) and Luxembourg (0.030%), and at the top were Bulgaria (0.063%), Hungary (0.067%) and Romania (0.079%).

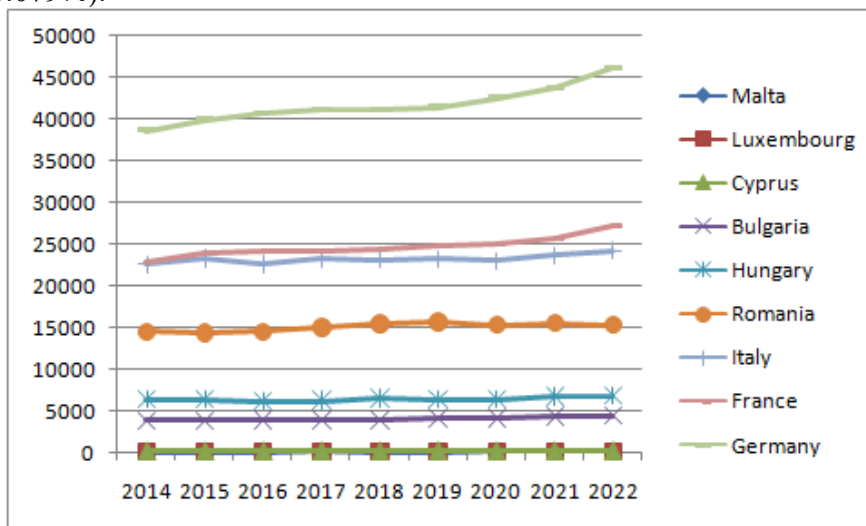


Figure 6. Evolution of deaths by diseases of the digestive system in the EU, 2014-2022

Figure 7 shows the evolution of deaths caused by accidents, in the period 2014-2022 (data are taken from Annex 7). The lowest levels are recorded for Malta (annual average is 108), Luxembourg (annual average is 170) and Cyprus (annual average is 253), and the highest levels are recorded for Italy (annual average is 20,104), Germany (annual average is 27,286) and France (annual average is 28,260). The zonal ranking is: Bulgaria (annual average is 1,675), Hungary (annual average is 3,552), Romania (annual average is 7,373). The percentage ratio to the total population shows that at the bottom of the ranking we have Malta (0.0207%), Bulgaria (0.0258%)

and Luxembourg (0.0264%), and at the top were Hungary (0.0370%), Romania (0.0387%), France (0.0415%).

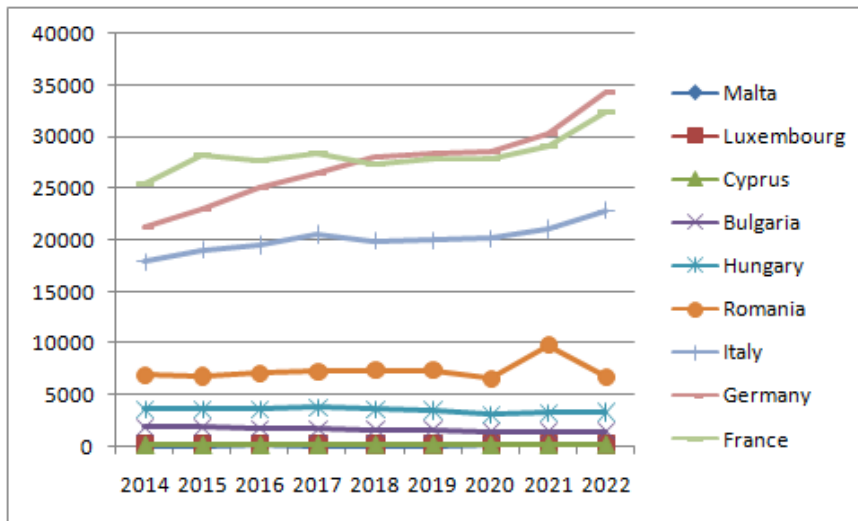


Figure 7. Evolution of deaths by accidents in the EU, 2014-2022

For the study of the impact of air pollution on health, we follow air pollutants and greenhouse gases (particles < 2.5 μ m). Figure 8 shows the evolution of the rate of "years of life lost" in the period 2011-2022 (data taken from Annex 8). The lowest levels are recorded for Finland (annual average is 73.8), Sweden (annual average is 93.1) and Ireland (annual average is 138.5), and the highest levels are recorded for Hungary (annual average is 1,297.8), Poland (annual average is 1,381.4) and Bulgaria (annual average is 1,988.8). The annual average at the level of the European Union is 711.0, and in Romania it is 1,281.2.

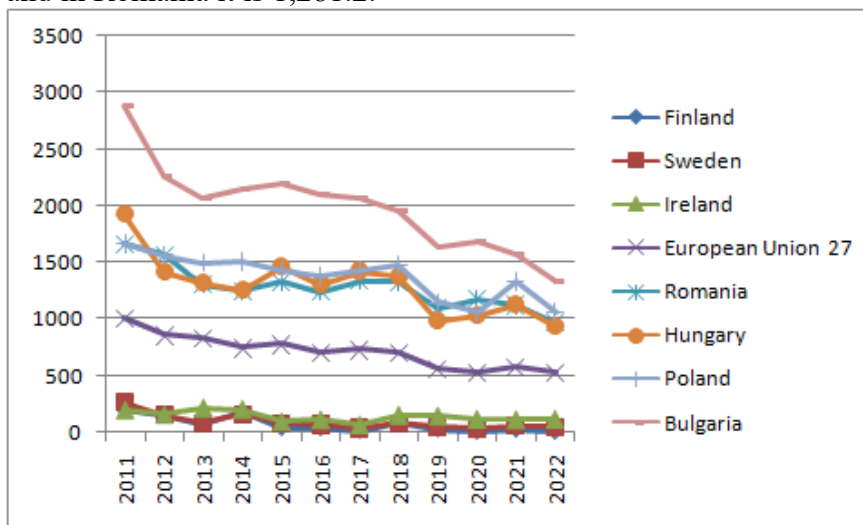


Figure 8. Evolution of the rate of years of life lost due to air pollution on health in the EU, 2011-2022

Also, for the study of the impact of air pollution on health, we reproduce in figure 9 the evolution of the "premature death" rate, in the period 2011-2022 (data are taken from Annex 9). The lowest levels are recorded for Finland (annual average is 6.8), Sweden (annual average is 9.8) and Ireland (annual average is 12.3), and the highest levels are recorded for Romania (annual average is 116.7), Hungary (annual average is 117.0) and Bulgaria (annual average is 194.5). The annual average at the level of the European Union is 66.0.

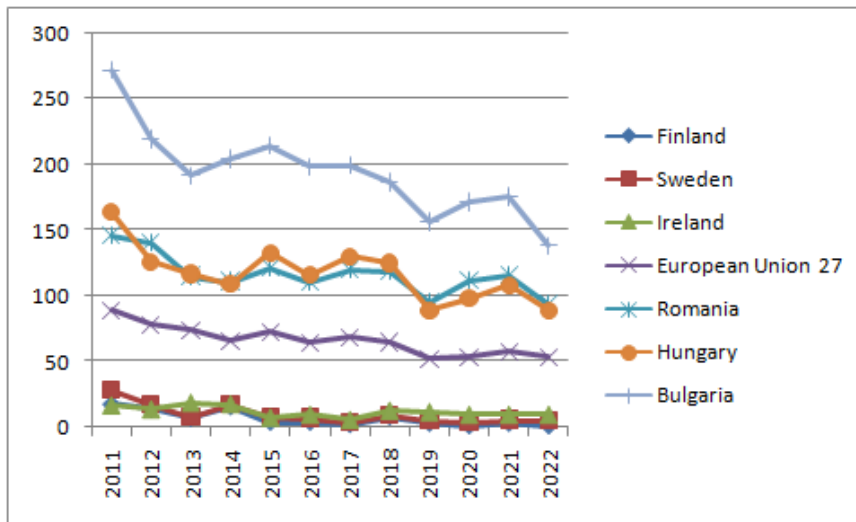


Figure 9. Evolution of the rate of premature death due to air pollution on health in the EU, 2011-2022

Figure 10 shows the evolution of the "number of beds in health care institutions and other residential long-term care institutions" in the period 2013-2022 (data taken from Annex 10). The lowest levels are recorded for Bulgaria (annual average is 2,243), Cyprus (annual average is 3,170) and Latvia (annual average is 5,431), and the highest levels for Spain (annual average is 390,616), France (annual average is 654,353) and Germany (annual average is 948,527). The annual average in Romania is 37,424, and in Hungary it is 84,495. The percentage ratio to the total population shows that at the bottom of the ranking we have Bulgaria (0.035%), Romania (0.197%) and Latvia (0.290%), and at the top were Hungary (0.879%), France (0.961%), Germany (1.140%).

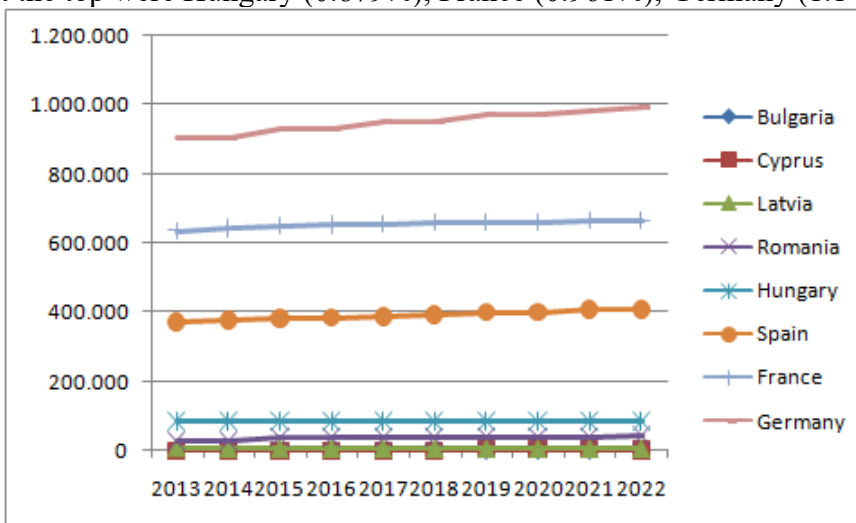


Figure 10. Evolution of the beds in nursing and other residential long-term care facilities in the EU, 2013-2022

Figure 11 shows the evolution of the number of beds available in hospitals (HP.1), per hundred thousand inhabitants, in the period 2011-2022 (data are taken from Annex 11). The lowest levels are recorded for Sweden (annual average is 230.2), Denmark (annual average is 278.8) and Ireland (annual average is 280.7), and the highest levels are recorded for Austria (annual average is 733.7), Bulgaria (annual average is 735.4) and Germany (annual average is 804.6). The annual average in the European Union is 542.8, in Romania it is 688.6, and in Hungary 694.1.

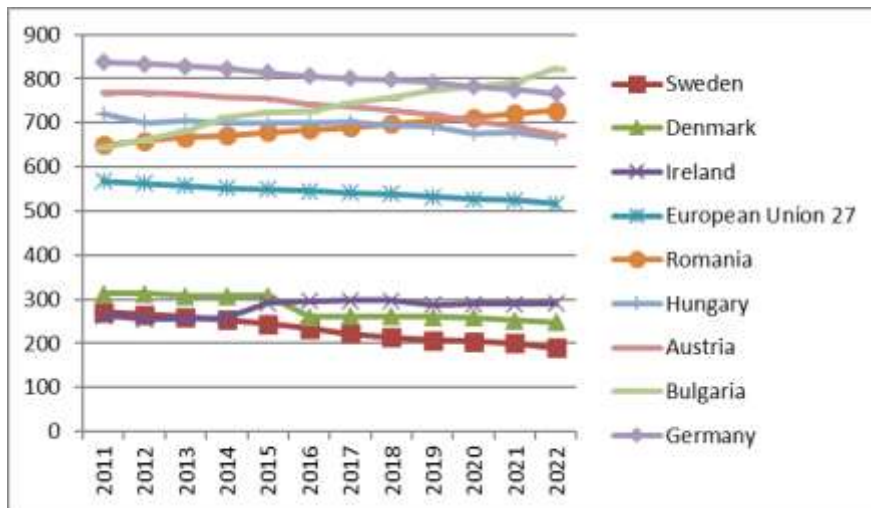


Figure 11. Evolution of the available beds in hospitals (HP.1) in the EU (per hundred thousand inhabitants), 2011-2022

For the study of graduates in the health field, we reproduce in figure 12 the evolution of the number of doctors, in the period 2013-2022 (data are taken from Annex 12). The lowest levels are recorded for Cyprus (annual average is 36), Malta (annual average is 131) and Estonia (annual average is 143), and the highest levels are recorded for France (annual average is 7,075), Italy (annual average is 9,081) and Germany (annual average is 9,869). The zonal ranking is as follows: Bulgaria (annual average is 1,160), Hungary (annual average is 1,470), Romania (annual average is 4,441). The percentage ratio to the total population shows that at the bottom of the ranking we have Cyprus (0.0040%), France (0.0104%) and Estonia (0.0107%), and at the top were Bulgaria (0.0179%), Romania (0.0233%) and Malta (0.0251%).

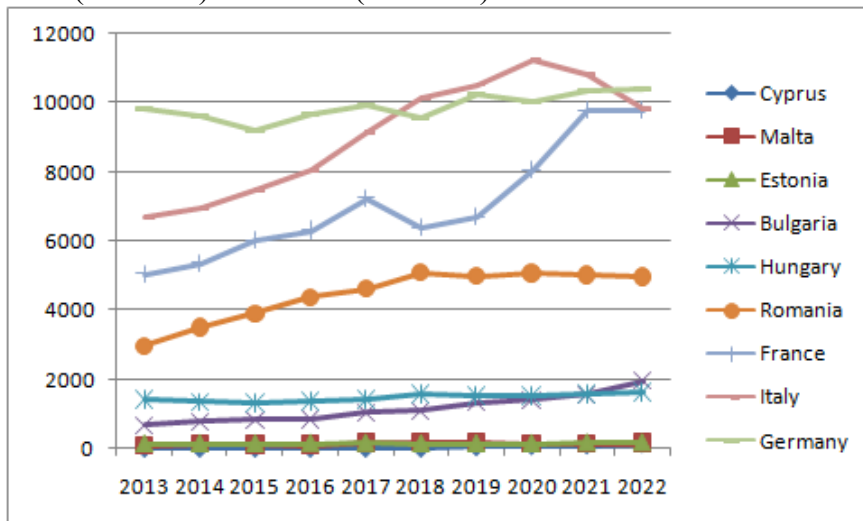


Figure 12. Evolution of the health graduates, physicians, in the EU, 2013-2022

Figure 13 shows the evolution of the number of practicing physicians in the period 2013-2022 (data are taken from Annex 13). The lowest levels are recorded for Luxembourg (annual average is 1,652), Malta (annual average is 1,901) and Cyprus (annual average is 3,584), and the highest levels for France (annual average is 210,438), Italy (annual average is 239,774) and Germany (annual average is 354,463). The zonal ranking is as follows: Bulgaria (annual average is 29,324), Hungary (annual average is 32,241), Romania (annual average is 59,643). The percentage ratio to the total population shows that at the bottom of the ranking we have Luxembourg (0.256%), France (0.309%) and Romania (0.313%), and at the top were Italy (0.406%), Germany (0.426%) and Bulgaria (0.452%).

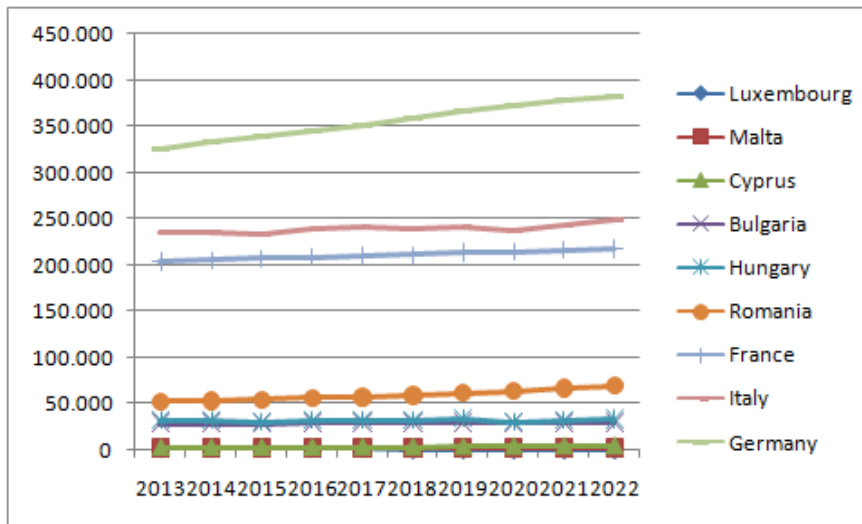


Figure 13. Evolution of number of practising physicians in the EU, 2013-2022

Figure 14 shows the evolution of the number of employees at the hospital, full-time equivalent, in the period 2013-2022 (data are taken from Annex 14). The lowest levels are recorded for Malta (annual average is 8,997), Estonia (annual average is 13,032) and Slovakia (annual average is 42,452), and the highest levels are recorded for the Netherlands (annual average is 212,650), Germany (annual average is 1,021,700) and France (annual average is 1,177,049). In Hungary the annual average is 97,471, and in Romania it is 177,387. For Bulgaria, data on this indicator are completely missing. The percentage ratio to the total population shows that at the bottom of the ranking we have Slovakia (0.781%), Romania (0.932%) and Estonia (0.979%), and at the top were Germany (1.227%), France (1.729%) and Malta (1.730%).

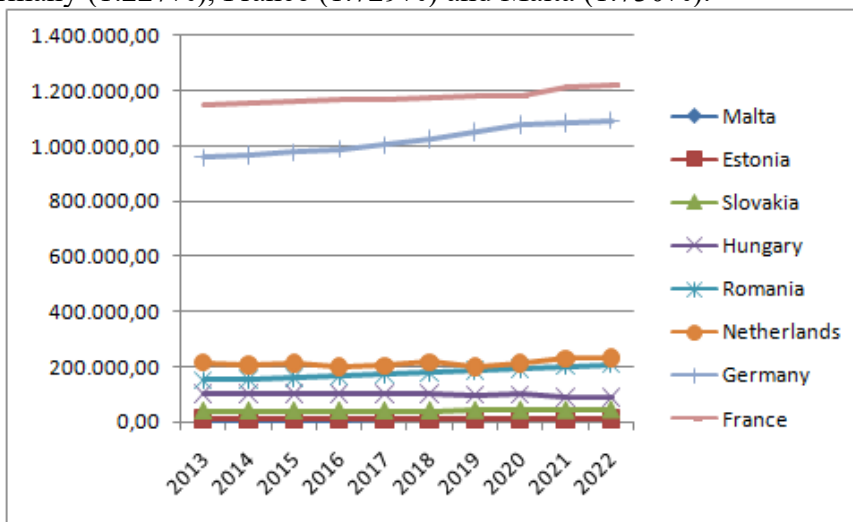


Figure 14. Evolution of number of hospital employment, full-time equivalent, in the EU, 2013-2022

To assess the technical resources in hospitals, we graphically represented in figure 15 the evolution of the number of operating rooms in hospitals, per hundred thousand inhabitants, in the period 2011-2022 (data are taken from Annex 15). The lowest levels are recorded for Austria (annual average is 3.9), Ireland (annual average is 5.5) and Netherlands (annual average is 6.9), and the highest levels are recorded for Latvia (annual average is 12.9), France (annual average is 16.2) and Bulgaria (annual average is 17.6 – data only from the last two years). In Romania the annual average is 9.7, and in Hungary it is 10.2 (the only known value is that of 2012).

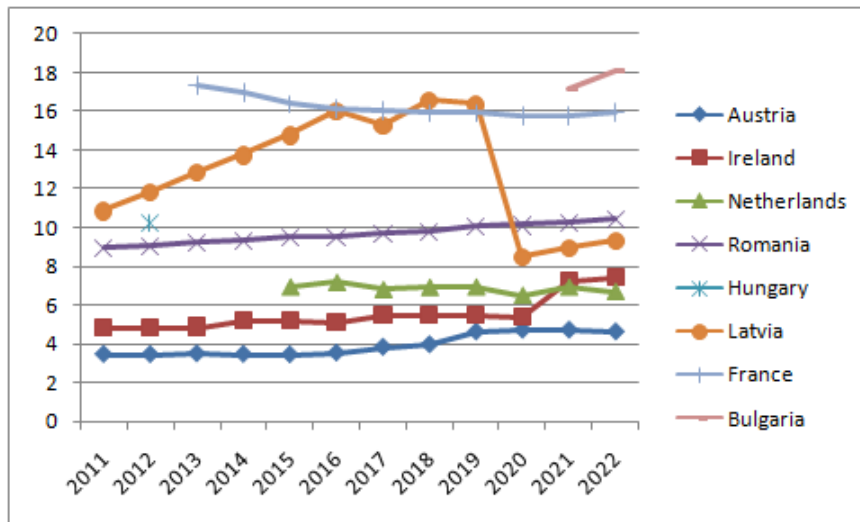


Figure 15. Evolution of number of operation theatres in hospital (per hundred thousand inhabitants) in the EU, 2011-2022

Figure 16 shows the evolution of the number of day oncology care places, per hundred thousand inhabitants, in the period 2011-2022 (data are taken from Annex 16). The lowest levels are recorded for Slovakia (annual average is 0.3), Germany (annual average is 0.9) and Poland (annual average is 1.3), and the highest levels are recorded for France (annual average is 10.2), Belgium (annual average is 14.0) and Spain (annual average is 18.6). In Romania the annual average is 4.1, and in Hungary it is 5.8.

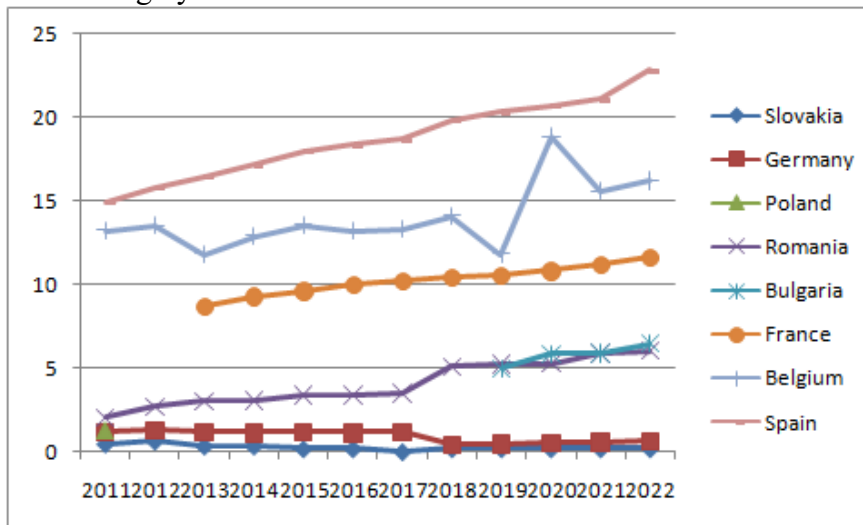


Figure 16. Evolution of number of oncological day care place (per hundred thousand inhabitants) in the EU, 2011-2022

Figure 17 shows the evolution of current expenditure on health care (million Euros), in the period 2014-2023 (data taken from Annex 17). The lowest levels are recorded for Malta (annual average is 1,194 million Euros), Cyprus (annual average is 1,658 million Euros) and Estonia (annual average is 1,911 million Euros), and the highest levels are for Italy (annual average is 158,095 million Euros), France (annual average is 272,627 million Euros) and Germany (the annual average is €405,057 million). The zonal ranking is as follows: Bulgaria (annual average is 4,519 million Euros), Hungary (annual average is 9,528 million Euros), Romania (annual average is 11,506 million Euros). The percentage ratio to the total population shows that at the bottom of the ranking we have Romania (0.060%), Bulgaria (0.070%) and Hungary (0.099%), and at the top were Italy (0.268%), France (0.400%) and Germany (0.487%).

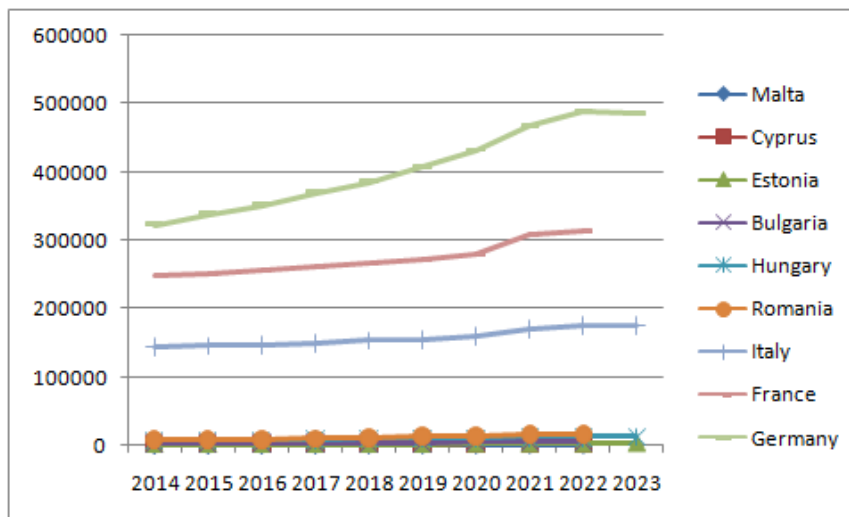


Figure 17. Evolution of current health care expenditure in the EU, 2013-2022

3. Conclusions

Following the study, we can draw a series of conclusions regarding the health status of the population of the EU member countries during the years 2011-2023. The various health-specific indicators are grouped by Eurostat into several categories (health status, determinants of health, health, causes of death, health and safety at work). Of these, we decided to present the data on what we considered to be the most important indicators for evaluating the health field.

The evolution of life expectancy in absolute value at birth shows that the lowest values are in Bulgaria, Latvia and Romania, and the highest levels in France, Italy and Spain. The annual average at the level of the European Union is 80.61 years. The evolution of all deaths shows us that the lowest levels are recorded for Malta, Luxembourg and Cyprus, and the highest levels for France, Italy and Germany. The percentage ratio to the total population of each country shows that Hungary, Romania and Bulgaria were at the top. The evolution of deaths caused by malignant neoplasms shows us that the lowest levels are recorded in Malta, Luxembourg and Cyprus, and the highest levels in France, Italy and Germany. The percentage ratio to the total population shows that Germany, Italy and Hungary were placed at the top. The evolution of deaths caused by diseases of the circulatory system shows us that the lowest levels are recorded in Luxembourg, Malta and Cyprus, and the highest levels in Poland, Italy and Germany. The percentage ratio to the total population shows that Hungary, Romania and Bulgaria were placed at the top. The evolution of deaths caused by diseases of the respiratory system shows us that the minimum levels are recorded in Luxembourg, Malta and Cyprus, and the maximum levels in Spain, Italy and Germany. The percentage ratio to the total population shows that at the bottom of the ranking we have Luxembourg, Cyprus and Bulgaria, and at the top were Italy, Romania and Spain. The evolution of deaths caused by diseases of the digestive system shows us that the minimum levels are recorded in Malta, Luxembourg and Cyprus, and the maximum levels in Italy, France and Germany. The percentage ratio to the total population shows that Bulgaria, Hungary and Romania were at the top. The evolution of deaths caused by accidents shows us that the minimum levels are recorded in Malta, Luxembourg and Cyprus, and the maximum levels in Italy, Germany and France. The percentage ratio to the total population shows that at the bottom of the ranking we have Malta, Bulgaria and Luxembourg, and at the top were Hungary, Romania, France.

The evolution of the rate of years of life lost as a result of air pollution shows us that the minimum levels are recorded in Finland, Sweden and Ireland, and the maximum levels in Hungary, Poland and Bulgaria. The evolution of the premature death rate as a result of air pollution shows us that the minimum levels are recorded for Finland, Sweden and Ireland, and the maximum levels in Romania, Hungary and Bulgaria.

The evolution of the number of beds in healthcare institutions and other residential long-term care institutions shows that the minimum levels are recorded in Bulgaria, Cyprus and Latvia, and the maximum levels in Spain, France and Germany. The percentage ratio shows that at the bottom of the ranking we have Bulgaria, Romania and Latvia, and at the top were Hungary, France, Germany. The evolution of the number of beds available in hospitals, per hundred thousand inhabitants, shows that the minimum levels are recorded for Sweden, Denmark and Ireland, and the maximum levels in Austria, Bulgaria and Germany.

The evolution of the number of doctors graduated in the field of health shows that the minimum levels are recorded in Cyprus, Malta and Estonia, and the maximum levels in France, Italy and Germany. The percentage ratio shows that at the bottom of the ranking we have Cyprus, France and Estonia, and at the top were Bulgaria, Romania and Malta. The evolution of the number of practicing doctors shows us that the minimum levels are recorded in Luxembourg, Malta and Cyprus, and the maximum levels in France, Italy and Germany. The percentage ratio shows that at the bottom of the ranking we have Luxembourg, France and Romania, and at the top were Italy, Germany and Bulgaria. The evolution of the number of employees at the hospital, full-time equivalent, shows us that the minimum levels are recorded in Malta, Estonia and Slovakia, and the maximum levels in the Netherlands, Germany and France. The percentage ratio shows that at the bottom of the ranking we have Slovakia, Romania and Estonia, and at the top were Germany, France and Malta.

The evolution of the number of operating rooms in hospitals, per hundred thousand inhabitants, shows us that the minimum levels are recorded in Austria, Ireland and the Netherlands, and the maximum levels in Latvia, France and Bulgaria. The evolution of the number of day oncology care places, per hundred thousand inhabitants, shows us that the minimum levels are recorded in Slovakia, Germany and Poland, and the maximum levels in France, Belgium and Spain.

The evolution of current expenditure on health care shows that the minimum levels are recorded in Malta, Cyprus and Estonia, and the maximum levels in Italy, France and Germany. The percentage ratio shows that at the bottom of the ranking we have Romania, Bulgaria and Hungary, and at the top were Italy, France and Germany.

For an overall assessment, we divided the indicators into two categories:

- positive, for which we want, in principle, as high values as possible (this includes: Life expectancy in absolute value at birth; Beds in health care institutions and other long-term residential care institutions; Available beds in hospitals (HP.1) - per 100,000 inhabitants; Graduated doctors in the field of health; General practitioners; Hospital employees; Hospital operating rooms - per 100,000 inhabitants; Oncology day care places - per 100,000 inhabitants; Current health care expenditure) and

- negative, for which we want, in principle, as low values as possible (this includes: Deaths - total; Deaths caused by malignant neoplasms; Deaths caused by diseases of the circulatory system; Deaths caused by diseases of the respiratory system; Deaths caused by diseases of the digestive system; Deaths caused by accidents; Life expectancy at birth rate lives lost due to air pollution; Premature death rate due to air pollution).

As a rule, the maximum values for positive indicators are recorded for countries in Western Europe (Austria, Belgium, France, Germany, Italy, Malta, Spain), while for the minimum values we find mainly countries in Eastern Europe (Bulgaria, Cyprus, Estonia, Hungary, Latvia, Poland, Romania, Slovakia). At the same time, for the negative indicators the maximum values are recorded for countries in Eastern Europe (Bulgaria, Hungary, Poland, Romania), and for the minimum values we find mainly countries in Western Europe (Finland, Ireland, Luxembourg, Malta, Sweden).

Regarding the zonal comparison, we can see that:

- Hungary appears in only one positive indicator in the upper part (Beds in nursing homes and other long-term residential care institutions) and in almost all negative indicators in the upper part;

- Bulgaria appears in the positive indicators four times in the upper part and three times in the lower part, and in the negative indicators it appears five times in the upper part and twice in the lower part;

- Romania appears in the positive indicators once in the upper part and five times in the lower part, and in the negative indicators it appears six times in the upper part and not at all in the lower part.

We can see that, despite the fact that the rankings are dominated by the three countries (Bulgaria, Hungary, Romania) in terms of negative indicators, Bulgaria and Hungary also appear in favorable positions (either in terms of positive or negative indicators), while Romania is in many lower positions in terms of positive indicators and in higher positions in terms of negative indicators - the only exception is the second place in the category "Graduated doctors in the field of health" (which, unfortunately, is also exploited by Western countries, through the massive emigration of doctors after graduation).

4. Bibliography

[1] **Ciurlău, C., Enea-Smarandache, I., Murărița, I., Ciurlău, C.F., Ciobanu, A.M.**, ECONOMIC FORECAST. Theory. Grid tests. Applications, Universitaria Publishing House, Craiova, 2008

[2] **Ciurlău, C., Enea-Smarandache, I., Murărița, I., Ciurlău, C.F., Ciobanu, A.M.**, MICROECONOMIC FORECASTING, University Publishing House, Craiova, 2011

[3] **Enea-Smarandache, I., Ciurlău, C., Murărița, I., Ciurlău, C.F., Ciobanu, A.M.**, ECONOMIC FORECAST. Methods and Techniques, Universitaria Publishing House, Craiova, 2009

[4] **Murărița, I.**, Statistical Software Packages, PIM Publishing House, Iasi, 2018

[5] **Murărița, I., Radu, C., Ionașcu, C.M.**, STATISTICS. Theory and Solved Applications in Excel, PIM Publishing House, Iasi, 2014

[6] **Radu, C., Ionașcu, C.M., Murărița, I.**, THEORETICAL STATISTICS, Second Edition, Universitaria Publishing House, Craiova, 2009

[7] *** <https://ec.europa.eu/eurostat/web/health/information-data#Health%20and%20safety%20at%20work>

Annex 1. Evolution of life expectancy in absolute value at birth in the EU, 2011-2022

GEO / Time	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
European Union - 27 countries (from 2020)	80,1	80,2	80,5	80,8	80,5	80,9	80,9	81,0	81,3	80,4	80,1	80,6
European Union - 28 countries (2013-2020)	80,2	80,3	80,5	80,9	80,6	81,0	80,9	81,0	:	:	:	:
Belgium	80,7	80,5	80,7	81,4	81,1	81,5	81,6	81,7	82,1	80,8	81,9	81,8
Bulgaria	74,2	74,4	74,9	74,5	74,7	74,9	74,8	75,0	75,1	73,6	71,4	74,2
Czechia	78,0	78,1	78,3	78,9	78,7	79,1	79,1	79,1	79,3	78,3	77,2	79,0
Denmark	79,9	80,2	80,4	80,7	80,8	80,9	81,1	81,0	81,5	81,6	81,5	81,3
Germany	80,6	80,7	80,6	81,2	80,7	81,0	81,1	81,0	81,3	81,1	80,8	80,7
Estonia	76,6	76,7	77,5	77,4	78,0	78,0	78,4	78,5	79,0	78,9	77,2	78,1
Ireland	80,9	80,9	81,0	81,4	81,5	81,8	82,2	82,2	82,8	82,6	82,4	82,6
Greece	80,8	80,7	81,4	81,5	81,1	81,5	81,4	81,9	81,7	81,4	80,2	80,8
Spain	82,6	82,5	83,2	83,3	83,0	83,5	83,4	83,5	84,0	82,4	83,3	83,2
France	82,3	82,1	82,4	82,9	82,4	82,7	82,7	82,8	83,0	82,3	82,4	82,3
Croatia	77,2	77,3	77,8	77,9	77,5	78,2	78,0	78,2	78,6	77,8	76,7	77,7
Italy	82,4	82,4	82,9	83,2	82,7	83,4	83,1	83,4	83,7	82,3	82,7	82,8
Cyprus	81,2	81,1	82,5	82,3	81,8	82,7	82,2	82,9	82,3	82,4	81,3	81,6
Latvia	73,9	74,1	74,3	74,5	74,8	74,9	74,9	75,1	75,7	75,5	73,1	74,5
Lithuania	73,7	74,1	74,1	74,7	74,6	74,9	75,8	76,0	76,5	75,1	74,2	75,8
Luxembourg	81,1	81,5	81,9	82,3	82,4	82,7	82,1	82,3	82,7	82,2	82,7	83,0
Hungary	75,1	75,3	75,8	76,0	75,7	76,2	76,0	76,2	76,5	75,7	74,3	76,0
Malta	80,9	80,9	81,9	82,1	82,0	82,6	82,4	82,5	82,9	82,3	82,5	82,4
Netherlands	81,3	81,2	81,4	81,8	81,6	81,7	81,8	81,9	82,2	81,4	81,4	81,7
Austria	81,1	81,1	81,3	81,6	81,3	81,8	81,7	81,8	82,0	81,3	81,3	81,4
Poland	76,8	76,9	77,1	77,8	77,5	78,0	77,8	77,7	78,0	76,5	75,5	77,2
Portugal	80,7	80,6	80,9	81,3	81,3	81,3	81,6	81,5	81,9	81,1	81,5	81,8
Romania	74,4	74,4	75,1	75,0	74,9	75,3	75,2	75,3	75,6	74,2	72,8	75,1
Slovenia	80,1	80,3	80,5	81,2	80,9	81,2	81,2	81,5	81,6	80,6	80,7	81,3
Slovakia	76,1	76,3	76,6	77,0	76,7	77,3	77,3	77,4	77,8	77,0	74,6	77,0
Finland	80,6	80,7	:	81,3	81,6	81,5	81,7	81,8	82,1	82,0	81,9	81,2

GEO / Time	201 1	201 2	201 3	201 4	201 5	201 6	201 7	201 8	201 9	202 0	202 1	202 2
Sweden	81, 9	:	82, 0	82, 3	82, 2	82, 4	82, 5	82, 6	83, 2	82, 4	83, 1	83, 1
Iceland	82, 4	83, 0	82, 1	82, 9	82, 5	82, 2	82, 6	82, 9	83, 2	83, 1	83, 2	82, 1
Norway	81, 4	81, 5	81, 8	82, 2	82, 4	82, 5	82, 7	82, 8	83, 0	83, 3	83, 2	82, 5
Switzerland	82, 8	82, 8	82, 9	83, 3	83, 0	83, 7	83, 7	83, 8	84, 0	83, 1	83, 9	83, 7
United Kingdom	81, 0	81, 0	81, 1	81, 4	81, 0	81, 2	81, 3	81, 3	:	:	:	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_hlye/default/table

Annex 2. Evolution of deaths by country of residence in the EU, 2014-2023

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	4.372.235	4.618.660	4.536.667	4.660.352	4.693.334	4.660.270	5.189.007	5.298.536	5.165.942	:
European Union - 28 countries (2013-2020)	4.942.432	5.217.834	5.137.420	5.270.135	5.303.754	:	:	:	:	:
Belgium	104.709	110.429	108.107	108.333	110.600	108.793	126.839	112.076	116.274	:
Bulgaria	108.203	109.186	106.519	108.616	107.292	106.625	123.160	146.855	116.660	:
Czechia	105.824	111.529	108.066	111.607	113.127	112.665	129.690	140.260	120.910	113.072
Denmark	51.150	52.397	52.675	53.076	55.053	53.868	54.626	57.148	59.396	:
Germany	870.812	927.866	913.523	934.717	957.564	942.309	988.008	1.026.046	1.069.484	:
Estonia	15.489	15.344	15.319	15.478	15.650	15.234	15.727	18.426	17.225	:
Ireland	29.252	30.127	30.667	30.418	31.140	31.184	32.854	34.844	35.804	:
Greece	113.740	121.485	118.952	124.522	120.363	125.016	131.084	143.988	140.914	:
Spain	395.829	422.568	410.611	424.523	427.721	418.703	493.776	450.744	464.417	436.124
France	559.393	593.730	593.723	606.354	609.845	613.601	669.107	661.691	675.413	:
Metropolitan France	547.107	581.826	580.940	593.550	596.577	599.599	654.636	644.095	658.557	:
Croatia	51.282	54.720	52.075	54.024	53.349	52.477	57.532	63.349	57.717	:
Italy	598.669	646.047	618.083	650.614	632.940	641.456	746.324	706.969	721.974	:
Cyprus	5.504	5.955	5.547	6.164	5.919	6.356	6.552	7.290	7.375	:
Latvia	28.257	28.244	28.263	28.530	28.576	27.536	28.628	34.292	30.363	:
Lithuania	39.765	41.226	40.627	39.654	39.078	37.827	43.056	47.264	42.691	:
Luxembourg	3.802	3.936	3.977	4.137	4.108	4.120	4.439	4.338	4.283	4.258
Hungary	126.308	131.697	127.053	131.674	131.045	129.603	141.002	155.621	136.446	:
Malta	3.326	3.516	3.409	3.628	3.757	3.730	4.108	4.186	4.277	:
Netherlands	138.174	146.297	148.129	149.477	152.652	151.013	168.203	170.043	169.251	:
Austria	77.940	83.026	80.374	82.957	83.458	82.979	90.963	90.947	92.686	89.233
Poland	377.182	395.578	388.677	403.559	414.941	410.564	478.008	520.320	449.419	:
Portugal	105.219	108.922	110.970	110.191	113.573	112.334	123.707	125.222	124.941	:
Romania	251.701	258.981	255.387	259.157	261.512	257.326	295.232	331.755	269.559	:
Slovenia	18.769	19.720	19.556	20.255	20.076	20.063	23.609	22.770	22.105	:
Slovakia	50.960	53.408	51.906	53.491	53.801	52.703	58.700	73.033	59.072	53.702
Finland	52.312	52.177	53.870	53.558	54.425	53.834	55.421	57.530	63.054	:
Sweden	88.664	90.549	90.602	91.638	91.766	88.353	98.652	91.529	94.232	:
Iceland	2.023	2.151	2.276	2.189	2.192	2.217	2.265	2.285	2.631	2.504
Liechtenstein	171	169	192	172	177	169	205	165	175	148
Norway	39.645	39.984	40.349	40.374	40.329	40.124	40.040	41.067	45.382	:
Switzerland	64.452	68.279	65.533	67.431	67.621	68.424	76.853	71.848	75.199	:
United Kingdom	570.197	599.174	600.753	609.783	610.420	:	:	:	:	:
Serbia	100.983	103.426	100.519	103.349	101.315	101.097	116.454	135.927	108.740	:
Turkey	383.676	397.037	420.189	423.878	422.571	431.844	503.944	560.796	501.722	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/HLTH_CD_ARO/default/table

Annex 3. Evolution of deaths by malignant neoplasms in the EU, 2014-2022

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	1.142.833	1.158.686	1.169.246	1.165.668	1.169.293	1.169.724	1.166.999	1.145.706	1.152.882	:
European Union - 28 countries (2013-2020)	1.306.507	1.323.204	1.336.440	1.333.287	1.335.826	:	:	:	:	:
Belgium	27.273	27.377	27.387	26.672	26.521	26.700	26.252	26.217	26.372	:
Bulgaria	17.972	17.945	17.214	17.353	17.369	18.149	18.408	17.102	16.203	:
Czechia	27.134	26.947	27.370	27.404	27.777	28.291	28.137	27.155	27.701	27.42 2
Denmark	15.539	15.413	15.780	15.618	15.665	16.114	15.787	16.093	15.785	:
Germany	224.312	226.906	231.213	228.047	230.500	231.775	231.664	229.347	231.983	:
Estonia	3.814	3.853	3.763	3.820	3.908	3.808	3.651	3.695	3.482	:
Ireland	9.022	8.877	9.171	9.141	9.258	9.574	9.648	9.642	10.100	:
Greece	29.086	29.686	30.054	29.872	29.732	29.997	30.196	30.097	28.856	:
Spain	106.269	107.195	108.693	109.073	108.526	108.867	108.533	109.378	110.653	111.3 48
France	159.668	162.109	164.097	164.090	163.083	163.859	163.606	162.738	164.596	:
Metropolitan France	156.862	159.374	161.186	161.195	160.203	160.769	160.407	159.569	161.421	:
Croatia	13.996	14.056	14.127	13.770	14.003	13.519	13.314	13.395	13.084	:
Italy	169.098	170.339	170.286	170.554	170.730	169.521	168.213	165.181	164.937	:
Cyprus	1.272	1.327	1.273	1.415	1.430	1.435	1.517	1.590	1.496	:
Latvia	5.975	5.878	5.905	5.994	5.939	5.927	6.000	5.756	5.678	:
Lithuania	7.983	8.290	8.146	7.950	7.972	7.987	8.160	7.713	7.886	:
Luxembourg	1.128	1.061	1.081	1.109	1.077	1.104	1.018	1.061	1.039	1.059
Hungary	32.748	32.792	32.987	32.844	32.586	32.012	31.623	30.593	30.456	:
Malta	913	923	929	950	1.046	949	1.006	977	1.027	:
Netherlands	43.119	44.328	45.439	45.064	44.920	45.282	45.238	45.218	45.790	:
Austria	20.615	20.594	20.414	20.482	20.772	20.748	21.144	20.881	21.354	21.27 6
Poland	95.629	100.664	100.001	99.691	101.415	100.374	99.893	93.678	96.162	:
Portugal	26.220	26.647	27.357	27.503	27.929	28.544	28.393	27.644	27.933	:
Romania	50.302	51.007	51.546	51.580	51.401	49.932	49.409	45.925	45.444	:
Slovenia	5.902	6.228	6.270	6.369	6.556	6.271	6.426	6.207	6.388	:
Slovakia	13.556	13.643	13.661	13.743	14.041	13.571	14.144	13.025	12.878	13.29 2
Finland	11.926	12.170	12.497	12.582	12.567	12.905	13.007	13.166	13.085	:
Sweden	22.362	22.431	22.585	22.978	22.572	22.515	22.612	22.232	22.514	:
Iceland	618	597	671	588	578	632	622	616	673	666
Liechtenstein	31	36	37	37	26	29	36	36	35	29
Norway	10.889	10.775	10.884	10.928	10.926	10.856	10.891	10.946	11.309	:
Switzerland	17.027	17.571	17.511	17.568	17.650	17.506	17.153	17.090	17.477	:
United Kingdom	163.674	164.518	167.194	167.619	166.533	:	:	:	:	:
Serbia	21.321	21.375	21.526	21.475	21.607	21.340	20.767	19.979	19.350	:
Turkey	76.475	77.464	79.970	80.236	80.287	77.886	77.623	77.441	75.330	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_cd_aro_custom_16065540/default/table

Annex 4. Evolution of deaths by diseases of the circulatory system in the EU, 2014-2022

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	1.677. 724	1.759. 534	1.682. 163	1.709. 556	1.685. 450	1.634. 979	1.696. 998	1.713. 816	1.687. 874	:
European Union - 28 countries (2013-2020)	1.832. 635	1.916. 984	1.835. 824	1.862. 693	1.834. 773	:	:	:	:	:
Belgium	30.260	31.662	30.281	29.702	28.015	27.595	26.512	26.700	27.749	:
Bulgaria	71.831	72.151	70.564	72.146	70.692	69.764	74.691	80.100	71.218	:
Czechia	48.851	51.222	47.894	49.597	49.079	47.699	50.576	48.142	46.635	44.02 4
Denmark	12.420	12.544	12.557	12.394	12.412	11.598	11.446	11.978	12.180	:
Germany	338.71 5	357.31 9	339.44 0	345.20 8	346.01 8	331.93 6	338.56 6	341.16 7	359.01 0	:
Estonia	8.259	8.052	8.023	8.021	7.973	7.678	7.719	8.387	8.132	:
Ireland	8.852	9.371	9.236	8.889	9.084	8.928	8.835	9.301	9.930	:
Greece	45.147	46.412	44.168	46.942	44.590	44.236	45.747	46.610	44.340	:
Spain	117.39 3	124.19 7	119.77 8	122.46 5	120.85 9	116.61 5	119.85 3	119.19 6	121.34 1	115.8 89
France	139.72 7	145.27 1	144.04 7	144.19 7	144.13 7	139.21 7	135.08 8	138.02 8	140.71 8	:
Metropolitan France	136.82 5	142.47 1	140.94 0	141.25 1	141.22 6	135.98 7	132.02 1	134.78 4	137.45 9	:
Croatia	24.348	25.988	23.453	23.594	23.287	22.280	23.041	23.375	22.567	:
Italy	220.19 3	239.51 3	221.91 4	232.99 2	220.45 6	216.08 8	227.35 0	217.52 3	222.71 7	:
Cyprus	1.923	2.072	1.841	1.992	1.763	1.745	1.864	1.853	1.828	:
Latvia	16.099	16.166	15.870	15.864	15.781	15.022	15.420	16.941	15.863	:
Lithuania	22.450	23.519	23.045	22.472	21.859	20.851	22.885	23.013	22.592	:
Luxembourg	1.189	1.187	1.264	1.276	1.193	1.137	1.086	1.046	1.104	1.099
Hungary	62.786	65.493	62.846	65.598	64.695	63.609	65.922	65.845	63.792	:
Malta	1.263	1.378	1.253	1.288	1.274	1.262	1.244	1.238	1.232	:
Netherlands	38.092	39.616	38.880	38.423	38.078	37.832	35.517	36.164	37.744	:
Austria	33.500	36.055	33.750	33.668	33.159	32.612	32.921	31.676	32.386	31.46 8
Poland	170.08 9	180.64 3	168.27 8	167.36 7	168.24 0	161.90 5	174.60 4	181.01 7	161.51 2	:
Portugal	32.286	32.443	32.805	32.365	32.926	32.586	33.908	31.458	31.998	:
Romania	148.96 1	153.80 8	148.65 3	150.35 3	149.56 0	145.34 2	162.86 9	172.64 2	150.74 5	:
Slovenia	7.855	8.087	7.931	8.099	7.936	7.951	7.782	7.615	7.185	:
Slovakia	22.963	23.985	22.979	24.266	23.145	22.767	24.772	26.217	25.292	24.64 8
Finland	19.646	19.419	19.703	19.129	18.913	18.337	18.570	18.879	19.595	:
Sweden	32.626	31.961	31.710	31.061	30.325	28.388	28.210	27.705	28.469	:
Iceland	670	738	732	680	648	684	676	675	707	679
Liechtenstein	53	40	81	64	75	67	44	56	48	36
Norway	11.761	11.628	11.030	10.430	10.112	9.755	9.582	10.203	10.510	:
Switzerland	21.234	21.886	20.999	21.294	20.910	20.185	20.735	19.875	20.680	:
United Kingdom	154.91 1	157.45 0	153.66 1	153.13 7	149.32 3	:	:	:	:	:
Serbia	53.993	54.375	52.099	53.668	52.661	52.327	52.407	56.608	51.622	:
Turkey	153.64 9	159.19 4	166.06 9	167.26 5	161.18 1	157.59 5	180.62 3	186.98 1	179.75 1	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_cd_aro_custom_16065540/default/table

Annex 5. Evolution of deaths by diseases of the respiratory system in the EU, 2014-2022

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	305.9 80	357.7 02	339.5 05	369.6 24	378.5 22	364.9 67	348.2 50	324.5 90	363.9 26	:
European Union - 28 countries (2013-2020)	382.1 97	442.1 46	422.0 62	452.7 69	463.2 73	:	:	:	:	:
Belgium	10.23 8	11.93 3	11.30 5	12.24 2	13.10 8	12.31 9	10.46 5	9.208	11.68 8	:
Bulgaria	3.940	4.050	4.439	4.580	4.883	4.205	6.008	6.827	5.588	:
Czechia	6.239	7.513	7.180	8.097	8.364	8.248	8.339	7.805	8.567	8.665
Denmark	5.630	5.848	5.971	6.350	6.776	6.107	5.661	5.982	6.289	:
Germany	58.68 6	68.40 2	64.51 8	68.50 0	71.82 1	67.14 1	61.42 6	57.38 3	67.74 4	:
Estonia	552	540	555	558	658	600	514	618	626	:
Ireland	3.492	3.865	3.935	4.059	4.051	3.930	3.271	3.202	3.874	:
Greece	12.75 1	14.83 5	13.80 9	13.84 7	12.66 8	13.59 1	12.57 6	13.07 9	13.16 5	:
Spain	43.84 0	51.84 8	46.81 2	51.61 5	53.68 7	47.68 1	42.42 3	35.54 3	43.02 4	47.00 3
France	35.53 5	42.80 6	41.40 4	44.82 3	45.18 3	45.59 0	38.76 5	36.39 8	45.15 1	:
Metropolitan France	34.85 1	42.13 8	40.58 4	44.06 9	44.47 6	44.77 4	38.00 0	35.61 4	44.28 3	:
Croatia	2.235	2.683	2.468	3.163	2.376	2.333	2.239	2.522	2.664	:
Italy	41.54 2	48.51 8	46.53 7	53.37 2	51.75 6	53.65 7	57.11 3	45.22 9	50.68 6	:
Cyprus	445	548	495	595	532	657	622	521	591	:
Latvia	696	713	823	844	922	781	715	780	891	:
Lithuania	1.179	1.352	1.284	1.340	1.384	1.202	1.204	1.063	1.162	:
Luxembourg	265	323	298	314	388	387	324	299	303	397
Hungary	6.908	8.503	7.205	8.148	8.113	8.315	7.161	6.737	6.872	:
Malta	316	354	338	385	391	461	431	450	523	:
Netherlands	10.48 4	12.70 9	12.00 9	12.99 7	14.08 4	12.65 7	10.52 4	10.15 1	12.99 3	:
Austria	3.757	4.508	4.378	5.341	5.590	5.347	4.884	4.043	4.873	5.446
Poland	20.40 0	24.30 7	23.03 8	26.33 3	27.60 1	27.25 9	28.76 4	28.17 5	30.11 5	:
Portugal	12.16 4	13.47 0	13.47 4	12.81 9	13.30 5	12.24 3	11.26 4	10.27 2	12.15 0	:
Romania	13.40 5	14.99 8	14.56 7	15.55 2	17.11 8	17.76 5	21.45 6	23.94 5	20.16 2	:
Slovenia	1.158	1.319	1.278	1.290	1.083	1.080	806	674	700	:
Slovakia	2.736	3.450	3.009	3.673	3.468	3.263	3.990	6.841	5.384	4.526
Finland	1.833	1.936	2.131	2.082	2.232	1.970	1.751	1.764	1.940	:
Sweden	5.554	6.371	6.245	6.705	6.980	6.178	5.554	5.079	6.201	:
Iceland	158	164	186	238	228	168	181	183	241	204
Liechtenstein	16	20	27	24	16	20	15	7	15	13
Norway	3.756	4.223	4.366	4.621	4.487	4.382	3.768	3.647	4.399	:
Switzerland	3.887	4.670	4.151	4.701	4.671	4.607	3.794	3.643	4.554	:
United Kingdom	76.21 7	84.44 4	82.55 7	83.14 5	84.75 1	:	:	:	:	:
Serbia	5.069	5.561	4.877	5.365	5.250	5.504	6.715	7.197	6.577	:
Turkey	40.59 3	43.82 1	49.29 6	50.22 4	52.22 2	56.39 0	80.28 3	76.12 5	69.04 9	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_cd_aro_custom_16065540/default/table

Annex 6. Evolution of deaths by diseases of the digestive system in the EU, 2014-2022

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	186.4 29	190.3 10	192.8 00	195.3 13	198.9 04	200.8 08	203.1 38	211.1 68	217.3 95	:
European Union - 28 countries (2013-2020)	214.1 93	218.9 74	221.9 78	225.0 18	228.2 71	:	:	:	:	:
Belgium	4.403	4.819	4.899	4.847	5.068	4.903	4.881	4.966	5.322	:
Bulgaria	3.866	3.870	3.941	3.884	3.960	4.128	4.162	4.339	4.421	:
Czechia	4.519	4.710	4.571	4.814	4.993	5.083	5.146	5.411	5.510	5.336
Denmark	2.206	2.074	2.082	2.070	2.187	2.244	2.270	2.371	2.365	:
Germany	38.63 3	39.94 6	40.76 3	41.12 4	41.18 5	41.52 8	42.61 4	43.80 9	46.19 6	:
Estonia	584	629	628	624	649	645	766	849	901	:
Ireland	1.040	965	1.056	1.064	1.105	1.156	1.134	1.312	1.379	:
Greece	3.295	3.311	3.500	3.617	3.544	3.586	3.454	3.466	3.701	:
Spain	19.38 5	20.36 0	20.09 6	20.44 7	21.68 9	22.03 8	21.56 5	22.56 3	23.26 6	23.04 5
France	22.96 0	24.06 9	24.25 3	24.25 0	24.46 6	24.97 5	25.03 5	25.73 7	27.27 2	:
Metropolitan France	22.44 4	23.52 1	23.69 9	23.74 8	23.93 6	24.38 5	24.41 9	25.12 7	26.63 8	:
Croatia	2.159	2.177	2.085	2.274	2.306	2.203	2.010	2.220	2.155	:
Italy	22.57 2	23.28 6	22.64 3	23.26 1	23.11 9	23.20 8	22.96 3	23.66 8	24.20 9	:
Cyprus	210	193	192	217	201	239	210	232	239	:
Latvia	991	1.017	1.038	1.019	1.076	1.005	985	1.227	1.200	:
Lithuania	2.081	2.087	2.150	1.982	1.896	1.914	2.153	2.179	2.225	:
Luxembourg	172	168	207	194	193	190	218	193	193	192
Hungary	6.390	6.362	6.202	6.264	6.497	6.354	6.374	6.737	6.755	:
Malta	115	100	101	131	105	115	147	156	134	:
Netherlands	4.393	4.557	4.684	4.504	4.762	4.708	4.904	4.966	5.289	:
Austria	2.756	2.922	2.902	2.943	2.846	3.076	3.251	3.215	3.267	3.326
Poland	15.41 8	14.77 7	16.07 5	16.74 4	17.34 1	17.63 5	18.83 8	20.72 0	20.57 8	:
Portugal	4.604	4.559	4.981	5.011	4.882	4.847	5.171	5.340	5.377	:
Romania	14.54 5	14.37 5	14.54 9	15.02 2	15.49 9	15.70 6	15.33 9	15.55 1	15.36 7	:
Slovenia	983	890	907	919	898	907	943	886	810	:
Slovakia	2.896	3.010	3.043	3.031	3.335	3.119	3.158	3.442	3.515	3.043
Finland	2.428	2.217	2.323	2.233	2.237	2.357	2.526	2.520	2.514	:
Sweden	2.825	2.860	2.929	2.823	2.864	2.938	2.921	3.093	3.235	:
Iceland	55	79	56	67	54	72	72	76	69	100
Liechtenstein	5	5	6	5	3	5	9	3	5	3
Norway	1.212	1.269	1.272	1.299	1.217	1.293	1.245	1.386	1.415	:
Switzerland	2.525	2.509	2.491	2.483	2.497	2.655	2.586	2.617	2.858	:
United Kingdom	27.76 4	28.66 4	29.17 8	29.70 5	29.36 7	:	:	:	:	:
Serbia	3.350	3.386	3.233	3.135	3.206	3.154	2.922	2.950	2.995	:
Turkey	9.988	10.10 3	10.26 7	10.18 7	9.909	9.931	10.10 0	11.00 0	11.21 5	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_cd_aro_custom_16065540/default/table

Annex 7. Evolution of deaths by accidents in the EU, 2014-2022

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	137.2 62	145.2 57	147.6 90	152.2 22	154.3 54	154.4 91	154.3 94	165.1 12	174.8 85	:
European Union - 28 countries (2013-2020)	152.1 42	161.7 38	164.6 07	170.0 92	172.9 26	:	:	:	:	:
Belgium	4.224	4.584	4.358	4.156	4.465	4.488	4.376	4.566	5.057	:
Bulgaria	1.901	1.903	1.783	1.734	1.642	1.641	1.489	1.506	1.477	:
Czechia	3.917	4.140	3.851	3.857	3.991	3.930	3.813	3.481	3.455	3.429
Denmark	1.363	1.278	1.300	1.341	1.417	1.490	1.438	1.421	1.626	:
Germany	21.30 3	23.03 2	25.05 6	26.47 4	28.08 6	28.46 5	28.54 3	30.29 0	34.32 3	:
Estonia	648	602	605	581	550	527	630	695	723	:
Ireland	948	818	817	871	901	892	1.207	1.114	1.183	:
Greece	2.400	3.152	3.177	3.349	3.411	3.448	3.627	3.882	4.080	:
Spain	10.34 3	10.89 6	11.55 0	11.50 2	11.53 0	11.82 7	11.67 6	12.33 0	13.76 9	13.30 7
France	25.42 9	28.23 2	27.67 1	28.42 1	27.30 5	27.91 3	27.83 3	29.13 0	32.40 9	:
Metropolitan France	24.75 2	27.59 6	26.93 5	27.65 5	26.65 4	27.18 5	27.09 8	28.35 3	31.60 8	:
Croatia	2.028	2.180	2.132	2.023	2.310	2.206	1.988	2.000	1.939	:
Italy	17.87 1	19.01 3	19.50 8	20.56 5	19.92 5	19.97 5	20.11 2	21.09 2	22.87 8	:
Cyprus	236	221	237	262	264	271	248	258	283	:
Latvia	1.190	1.093	1.030	1.030	994	870	870	1.023	1.005	:
Lithuania	1.925	1.851	1.791	1.689	1.583	1.422	1.559	1.607	1.552	:
Luxembourg	154	173	180	134	182	159	172	178	171	198
Hungary	3.615	3.743	3.629	3.831	3.647	3.570	3.173	3.350	3.409	:
Malta	76	83	115	105	99	104	115	121	151	:
Netherlands	4.694	5.337	5.824	6.009	6.810	6.845	7.186	7.348	8.574	:
Austria	2.583	2.851	2.570	2.688	2.722	3.002	3.225	3.000	3.269	3.263
Poland	12.95 2	12.15 9	12.17 7	12.51 8	13.06 6	12.99 1	13.13 0	14.50 9	13.74 3	:
Portugal	2.366	2.601	2.867	3.273	3.187	2.601	3.080	3.795	4.117	:
Romania	6.947	6.863	7.161	7.295	7.428	7.419	6.638	9.855	6.747	:
Slovenia	774	838	875	996	1.036	1.044	1.266	1.333	1.575	:
Slovakia	1.803	1.857	1.708	1.730	1.743	1.766	1.390	1.425	1.509	1.328
Finland	2.451	2.394	2.480	2.500	2.619	2.427	2.368	2.452	2.355	:
Sweden	3.121	3.363	3.238	3.288	3.441	3.198	3.242	3.351	3.506	:
Iceland	68	78	106	104	121	96	104	113	127	155
Liechtenstein	6	2	2	5	9	2	2	5	2	1
Norway	2.018	1.857	1.970	1.894	2.037	1.921	1.945	1.947	2.136	:
Switzerland	2.672	2.743	2.707	2.696	2.912	2.699	2.743	2.800	3.104	:
United Kingdom	14.88 0	16.48 1	16.91 7	17.87 0	18.57 2	:	:	:	:	:
Serbia	1.451	1.512	1.394	1.588	1.463	1.495	1.326	1.466	1.296	:
Turkey	16.02 9	15.75 4	17.30 4	17.04 2	15.16 5	11.74 4	12.97 9	13.07 2	14.37 1	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_cd_aro_custom_16065540/default/table

Annex 8. Evolution of the rate of years of life lost due to air pollution on health in the EU, 2011-2022

GEO / Time	201 1	201 2	201 3	201 4	201 5	201 6	201 7	201 8	201 9	202 0	202 1	202 2
European Union - 27 countries (from 2020)	1.00 8	857	829	744	776	703	728	702	561	526	571	527
Belgium	922	777	828	614	576	546	523	538	415	308	415	353
Bulgaria	2.87 5	2.26 0	2.05 8	2.14 7	2.19 1	2.10 3	2.05 9	1.94 6	1.64 1	1.68 3	1.57 1	1.33 1
Czechia	1.21 0	1.08 2	1.14 5	1.05 1	942	910	949	1.04 8	708	621	794	662
Denmark	677	384	345	485	354	318	253	397	317	190	220	205
Germany	884	692	766	703	634	572	564	604	429	348	393	373
Estonia	306	284	266	348	187	112	61	191	67	49	84	66
Ireland	194	156	212	201	93	110	65	149	142	114	111	115
Greece	1.25 7	1.15 7	1.14 4	950	1.16 6	1.18 9	1.90 1	1.06 8	872	796	972	898
Spain	505	470	383	372	498	410	452	340	340	338	313	385
France	763	657	643	415	483	422	386	387	312	251	314	315
Croatia	1.46 9	1.04 2	1.02 7	947	1.12 4	1.29 1	1.16 1	1.20 7	920	1.01 4	1.00 1	887
Italy	1.13 0	990	943	799	986	846	881	778	695	764	703	721
Cyprus	1.14 6	1.27 1	766	793	837	680	718	655	692	674	729	724
Latvia	804	828	882	1.01 0	706	693	501	808	567	457	720	448
Lithuania	992	863	938	1.06 8	774	767	541	783	727	532	734	513
Luxembourg	532	453	542	400	406	357	294	280	171	125	135	128
Hungary	1.92 7	1.42 1	1.32 3	1.25 2	1.45 9	1.31 1	1.42 2	1.37 7	988	1.03 2	1.12 4	937
Malta	676	481	462	445	502	404	426	482	447	326	438	360
Netherlands	802	570	605	573	487	420	413	461	374	282	332	300
Austria	895	684	739	551	581	482	488	580	421	335	353	346
Poland	1.67 5	1.56 8	1.49 7	1.50 8	1.43 1	1.38 2	1.43 6	1.47 9	1.14 8	1.05 6	1.33 5	1.06 2
Portugal	523	370	372	268	388	287	302	256	249	242	204	338
Romania	1.66 1	1.56 9	1.30 7	1.24 9	1.32 5	1.23 9	1.33 5	1.32 9	1.09 1	1.17 5	1.12 2	972
Slovenia	1.11 7	922	904	727	907	796	823	795	599	548	557	629
Slovakia	1.48 8	1.19 1	1.14 3	1.08 0	1.10 3	985	1.08 1	1.06 6	781	815	1.02 5	762
Finland	198	157	75	175	45	44	19	86	33	12	30	12
Sweden	269	154	78	164	77	71	38	83	51	32	57	43
Iceland	14	0	78	90	70	36	45	24	6	1	3	0
Liechtenstein	592	322	392	220	365	331	287	201	171	165	181	205
Norway	262	171	153	138	82	87	56	105	61	30	75	60
Switzerland	573	444	510	381	404	300	282	278	217	182	199	211
Bosnia and Herzegovina	1.94 5	1.41 6	1.12 7	1.06 9	1.47 8	2.19 5	1.79 0	2.14 5	1.73 8	2.55 8	2.27 4	1.69 7
Montenegro	2.25 7	1.58 0	1.29 9	1.16 2	1.46 6	1.60 9	1.49 0	1.64 8	1.46 0	1.49 9	1.52 0	1.14 2
North Macedonia	2.76 9	2.48 2	2.38 4	2.13 4	2.26 8	2.86 3	2.91 4	2.46 3	1.56 3	1.64 3	2.21 1	1.83 4
Albania	2.00 5	1.73 5	1.68 1	1.28 9	1.70 7	1.92 2	1.93 3	1.79 0	1.41 1	1.28 6	1.35 4	1.29 2
Serbia	2.47 4	1.89 0	1.62 2	1.67 6	1.88 3	2.01 0	2.32 9	2.16 1	1.67 8	2.02 7	1.90 6	1.51 6
Kosovo*	2.67 7	2.35 4	2.24 7	2.13 6	2.24 6	2.88 3	2.94 2	2.85 7	1.93 8	2.15 6	2.06 2	1.38 9

: - not available

Annex 9. Evolution of the rate of premature death due to air pollution on health in the EU, 2011-2022

GEO / Time	201 1	201 2	201 3	201 4	201 5	201 6	201 7	201 8	201 9	202 0	202 1	202 2
European Union - 27 countries (from 2020)	89	78	74	66	73	64	68	65	52	53	57	53
Belgium	82	73	78	56	55	51	50	52	39	34	39	36
Bulgaria	272	220	192	205	215	199	200	187	157	172	176	139
Czechia	107	97	104	94	88	82	88	97	65	65	81	65
Denmark	61	34	31	43	32	29	24	38	30	18	21	20
Germany	80	64	72	64	61	54	55	59	41	35	39	39
Estonia	26	24	23	31	16	10	5	17	6	4	9	6
Ireland	17	14	19	18	8	10	6	13	12	10	10	10
Greece	117	111	105	89	116	113	192	104	88	82	104	103
Spain	45	44	34	33	48	38	43	32	31	36	30	39
France	61	56	54	34	42	37	34	34	28	24	29	30
Croatia	138	100	98	90	113	127	117	120	90	109	113	99
Italy	110	99	91	76	102	83	92	79	71	88	75	82
Cyprus	109	124	68	73	84	64	72	61	66	63	70	76
Latvia	69	75	77	89	63	63	46	74	52	44	75	44
Lithuania	85	76	84	95	72	70	51	74	66	52	76	52
Luxembourg	46	39	44	33	35	30	25	25	15	12	12	11
Hungary	164	126	117	109	133	116	130	125	89	98	108	89
Malta	58	43	41	37	45	33	37	41	38	29	38	33
Netherlands	70	52	55	51	45	39	39	44	35	29	33	30
Austria	80	64	69	50	57	45	48	57	41	36	36	37
Poland	132	125	121	119	117	110	118	123	94	97	128	94
Portugal	46	35	35	25	38	28	29	26	24	25	20	35
Romania	146	141	115	111	121	110	120	119	95	112	116	94
Slovenia	95	79	78	63	80	71	75	72	55	59	54	61
Slovakia	125	103	98	90	95	82	93	89	64	72	98	68
Finland	18	14	7	16	4	4	2	8	3	1	3	1
Sweden	28	17	8	17	8	7	4	9	5	4	6	5
Iceland	1	0	7	8	6	3	4	2	1	0	0	0
Liechtenstein	55	27	35	21	32	27	24	21	16	18	18	18
Norway	26	17	15	14	8	9	6	10	6	3	8	6
Switzerland	53	43	49	36	40	28	27	27	21	20	19	22
Bosnia and Herzegovina	190	139	109	103	146	213	177	209	166	263	259	180
Montenegro	202	145	119	107	141	155	141	157	138	148	174	115
North Macedonia	276	256	237	215	235	292	298	247	158	181	255	198
Albania	196	170	148	115	162	179	184	167	128	129	164	124
Serbia	242	186	156	162	186	195	231	211	160	208	217	161
Kosovo*	262	231	217	207	222	227	233	228	154	171	164	134

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_cd_iap/default/table

Annex 10. Evolution of the beds in nursing and other residential long-term care facilities in the EU, 2013-2022

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	134.76 5	137.14 0	139.78 2	143.17 8	144.81 7	146.59 1	148.13 2	147.96 7	147.59 4	149.82 7
Bulgaria	3.125	3.158	2.394	2.193	2.177	2.084	1.912	1.933	1.775	1.679
Czechia	68.012	68.995	69.964	72.013	72.834	73.427	74.208	75.174	75.324	76.795
Denmark	49.527	49.896	50.367	51.001	43.292	43.334	43.456	43.521	43.665	43.928
Germany	902.88 2	:	928.93 9	:	952.36 7	:	969.55 3	:	984.68 8	993.09 7
Estonia	10.375	8.054	8.540	8.742	8.967	9.244	10.295	10.580	11.198	11.582
Ireland	27.827	28.705	30.106	30.396	30.732	31.251	32.071	32.104	31.842	31.674
Greece	:	:	:	:	:	:	:	:	:	2.698
Spain	371.06 4	377.92 0	381.33 3	383.99 5	386.87 3	391.47 5	399.41 7	399.04 6	407.08 5	407.94 7
France	634.52 3	642.16 8	649.55 4	653.01 3	656.30 7	658.71 3	660.60 8	659.41 6	664.16 9	665.05 8
Croatia	8.846	9.503	8.067	8.916	8.038	8.439	8.575	9.251	9.240	9.213
Italy	234.00 8	239.09 0	244.39 5	244.92 8	251.70 1	271.58 0	276.64 8	277.53 2	281.70 4	283.50 1
Cyprus	:	:	:	:	:	:	3.535	3.294	3.243	2.609
Latvia	7.588	5.603	5.398	5.374	5.326	5.184	5.209	4.879	4.887	4.865
Lithuania	18.893	18.856	19.155	20.091	20.543	20.807	21.252	21.409	21.463	21.875
Luxembourg	:	6.580	6.894	6.858	6.965	7.058	7.139	7.211	7.317	7.583
Hungary	83.896	84.016	84.455	84.155	84.209	84.598	84.766	85.369	84.853	84.630
Malta	4.301	4.460	4.635	4.732	5.097	5.605	5.676	6.456	6.675	6.694
Netherlands	239.20 6	239.88 7	235.25 3	234.37 2	234.82 0	237.12 5	239.07 4	239.60 9	255.50 6	251.40 5
Austria	66.045	66.461	66.690	67.265	76.108	76.349	76.560	77.867	78.456	78.898
Poland	68.330	70.277	71.653	72.460	74.178	75.200	76.090	73.684	76.024	78.632
Romania	27.301	28.049	37.727	38.358	38.902	39.170	39.904	40.796	40.523	43.509
Slovenia	20.218	20.224	20.537	20.602	20.718	21.063	21.150	21.321	21.573	23.584
Slovakia	35.932	37.536	40.202	40.676	40.988	42.150	42.487	42.436	43.015	42.528
Finland	61.575	63.111	64.705	66.140	65.547	65.983	65.287	67.427	64.298	63.027
Sweden	127.23 0	123.79 1	125.38 6	126.63 7	139.60 1	140.97 9	138.57 5	133.85 2	133.36 7	136.26 1
Iceland	2.503	2.586	2.597	2.629	2.634	2.648	2.693	2.675	:	:
Liechtenstein	262	273	281	281	281	297	295	311	311	311
Norway	41.441	41.310	40.708	40.494	40.401	40.126	39.963	39.615	39.305	39.337
Switzerland	94.600	95.669	96.563	97.127	99.242	99.622	100.35 6	100.69 4	100.85 6	100.35 4
Montenegro	:	:	:	:	:	:	:	:	:	:
North Macedonia	930	915	915	983	983	945	1.003	1.003	1.003	:
Albania	:	:	:	:	:	:	:	:	:	:
Serbia	14.964	19.654	19.795	19.932	20.464	20.314	23.402	23.456	24.442	24.791
Turkey	45.225	46.693	49.588	52.452	57.549	62.215	68.121	72.690	75.217	77.350

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/HLTH_RS_BDLTC/default/table

Annex 11. Evolution of the available beds in hospitals (HP.1) in the EU (per hundred thousand inhabitants), 2011-2022

GEO / Time	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
European Union - 27 countries (from 2020)	567,73	563,09	556,83	552,42	549,62	545,17	541,73	538,22	531,67	526,76	524,30	516,28
European Union - 28 countries (2013-2020)	532,54	527,45	521,22	516,87	512,73	508,22	504,56	500,81	495,00	:	:	:
Belgium	605,03	598,52	592,76	585,15	583,22	576,40	566,35	562,24	556,72	553,33	549,22	544,27
Bulgaria	644,92	661,22	681,64	712,98	723,50	726,95	745,40	756,91	774,07	781,88	792,28	823,49
Czechia	710,65	697,34	674,53	672,07	671,28	671,03	667,31	666,39	662,59	660,63	666,58	654,24
Denmark	312,95	:	307,06	:	:	259,62	260,83	261,17	259,29	258,75	251,27	247,67
Germany	837,84	833,62	827,77	822,82	813,31	806,26	800,23	798,35	791,48	781,82	776,02	766,26
Estonia	535,92	552,58	490,29	489,53	482,13	468,62	460,61	453,49	453,01	446,33	439,47	419,10
Ireland	262,18	254,20	256,00	257,40	292,01	295,29	297,02	297,39	288,04	289,09	289,42	290,55
Greece	447,48	444,54	424,16	423,78	424,60	420,13	420,91	419,77	415,22	419,88	423,82	426,07
Spain	304,63	299,09	296,34	296,63	297,92	296,59	297,43	297,15	294,60	295,52	296,10	294,29
France	635,99	633,94	626,73	619,39	613,02	605,47	596,77	588,81	581,43	571,74	561,60	549,90
Croatia	595,08	588,63	586,04	593,73	563,26	558,28	565,37	575,22	583,13	585,78	578,03	583,78
Italy	351,73	342,16	331,17	321,09	319,55	317,21	318,07	315,46	316,28	318,56	312,39	308,76
Cyprus	351,17	346,09	340,86	341,58	341,53	342,67	329,60	318,25	311,47	316,81	311,21	313,03
Latvia	588,00	588,50	579,98	565,71	569,45	571,97	556,67	549,35	542,32	528,56	516,43	502,88
Lithuania	743,40	744,57	731,25	726,38	696,61	669,16	655,78	643,40	634,65	601,17	605,43	568,05
Luxembourg	527,83	515,31	517,15	505,29	495,96	480,58	466,18	450,70	426,45	419,40	414,33	399,48
Hungary	719,65	700,07	703,73	698,43	699,41	700,15	701,90	695,07	690,75	675,74	678,56	665,32
Malta	438,18	470,68	477,50	458,86	458,60	467,11	448,51	430,84	410,27	438,36	414,44	406,01
Netherlands	397,46	377,86	369,25	354,55	348,98	341,10	327,68	318,43	302,10	291,13	295,23	244,93
Austria	767,63	767,39	764,46	758,39	753,68	742,14	736,62	727,16	718,90	705,10	691,47	671,75
Poland	662,79	662,98	660,84	662,70	663,47	664,04	662,38	653,69	617,45	625,38	640,17	629,49
Portugal	337,21	340,61	339,27	331,91	336,84	339,33	339,34	344,32	350,88	349,80	351,53	347,84
Romania	650,05	659,60	667,31	671,15	679,12	684,00	689,16	696,78	705,75	712,12	720,56	727,71
Slovenia	462,43	454,46	455,20	453,74	451,41	448,71	449,77	442,79	443,21	427,79	424,94	412,11
Slovakia	605,05	591,08	580,34	578,52	574,73	578,40	582,05	569,62	576,11	568,18	567,46	569,13
Finland	552,51	528,74	486,27	453,32	428,30	396,94	375,44	356,56	339,29	274,69	278,94	261,51
Sweden	270,04	265,67	259,30	253,79	243,94	233,89	221,19	213,33	207,03	204,61	200,23	189,93
Iceland	329,14	324,59	322,15	316,14	311,96	313,32	306,35	287,48	279,84	283,52	:	:
Liechtenstein	214,	212,	164,	163,	160,	159,	239,	101,	145,	228,	227,	225,

GEO / Time	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	81	79	94	77	03	08	71	97	22	79	15	36
Norway	419, 50	397, 26	385, 86	384, 49	375, 85	368, 46	360, 11	352, 36	348, 16	340, 16	339, 98	334, 83
Switzerland	504, 74	497, 48	484, 98	473, 39	473, 00	468, 80	465, 34	462, 76	459, 34	448, 07	443, 35	442, 07
Montenegro	397, 69	397, 36	388, 92	393, 37	393, 15	393, 06	386, 10	391, 31	385, 67	385, 80	381, 78	380, 92
North Macedonia	450, 76	440, 36	444, 62	439, 57	438, 79	437, 11	428, 01	421, 63	426, 30	429, 86	449, 01	:
Albania	288, 24	288, 44	288, 97	:	:	:	:	:	:	:	:	:
Serbia	542, 93	544, 11	549, 91	552, 48	558, 02	559, 03	560, 86	564, 25	568, 97	570, 17	576, 57	584, 02
Turkey	262, 05	266, 14	265, 31	267, 99	268, 03	274, 69	281, 23	284, 88	287, 61	301, 23	302, 44	308, 53

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_bds1/default/table

Annex 12. Evolution of the health graduates, physicians, in the EU, 2013-2022

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
European Union - 27 countries (from 2020)	:	:	:	:	:	:	:	:	69.96 7,00	69.33 4
Belgium	1.176 ,00	1.289 ,00	1.359 ,00	1.614 ,00	1.684 ,00	3.282	2.020, 00	1.917, 00	1.898, 00	1.833, 00
Bulgaria	691,0 0	772,0 0	837,0 0	859,0 0	1.052 ,00	1.102, 00	1.350, 00	1.414, 00	1.564, 00	1.959, 00
Czechia	1.338 ,00	1.473 ,00	1.430 ,00	1.596 ,00	1.815 ,00	1.700, 00	1.718, 00	1.771, 00	1.790, 00	1.766, 00
Denmark	848,0 0	816,0 0	969,0 0	1.230 ,00	1.281 ,00	1.335, 00	1.234, 00	1.284, 00	1.267, 00	:
Germany	9.801 ,00	9.599 ,00	9.215 ,00	9.647 ,00	9.928 ,00	9.563, 00	10.23 4,00	10.00 7,00	10.32 0,00	10.37 7,00
Estonia	128,0 0	139,0 0	133,0 0	145,0 0	151,0 0	136,0 0	138,0 0	138,0 0	157,0 0	164,0 0
Ireland	931,0 0	1.009 ,00	1.107 ,00	1.162 ,00	1.196 ,00	1.254, 00	1.225, 00	1.268, 00	1.310	1.325, 00
Greece	1.022 ,00	970,0 0	1.162 ,00	1.101 ,00	1.334 ,00	1.344, 00	1.449, 00	1.465, 00	1.403, 00	:
Spain	4.770 ,00	5.571 ,00	6.053 ,00	6.226 ,00	6.749 ,00	6.664, 00	6.574, 00	6.600, 00	6.718, 00	6.326, 00
France	5.040 ,00	5.365 ,00	6.025 ,00	6.314 ,00	7.252 ,00	6.387, 00	6.708, 00	8.069, 00	9.795, 00	:
Croatia	445,0 0	636,0 0	513,0 0	607,0 0	579,0 0	627,0 0	689,0 0	677,0 0	654,0 0	648,0 0
Italy	6.706 ,00	6.981 ,00	7.500 ,00	8.032 ,00	9.120 ,00	10.12 9,00	10.51 1,00	11.21 3,00	10.78 8,00	9.827
Cyprus	0,00	0,00	0,00	0,00	0,00	0,00	45,00	77,00	99,00	138,0 0
Latvia	271,0 0	280,0 0	320,0 0	320,0 0	337,0 0	428,0 0	450,0 0	454,0 0	515,0 0	517,0 0
Lithuania	438,0 0	429,0 0	476,0 0	462,0 0	545,0 0	554,0 0	552,0 0	571,0 0	571,0 0	601,0 0
Luxembourg	:	:	:	:	:	:	:	:	:	:
Hungary	1.405 ,00	1.347 ,00	1.319 ,00	1.388 ,00	1.410 ,00	1.560, 00	1.540, 00	1.532, 00	1.574, 00	1.629, 00
Malta	86,00	112,0 0	109,0 0	103,0 0	154,0 0	164,0 0	169,0 0	134,0 0	130,0 0	147,0 0
Netherlands	2.420 ,00	2.450 ,00	2.480 ,00	2.610	2.730 ,00	2.720, 00	2.620, 00	2.500, 00	2.710, 00	2.490, 00
Austria	1.170 ,00	1.259 ,00	1.255 ,00	1.218 ,00	1.248 ,00	1.346, 00	1.242, 00	1.288, 00	1.455, 00	1.466, 00
Poland	3.757 ,00	3.689 ,00	3.888 ,00	3.983 ,00	4.157 ,00	4.006, 00	4.546, 00	4.638, 00	5.067, 00	5.558, 00
Portugal	1.426 ,00	1.554 ,00	1.642 ,00	1.698 ,00	1.657 ,00	1.760, 00	1.629, 00	1.619, 00	1.682, 00	1.670, 00
Romania	2.963 ,00	3.497 ,00	3.892 ,00	4.368 ,00	4.610 ,00	5.076, 00	4.967, 00	5.067, 00	5.006, 00	4.963, 00
Slovenia	:	:	:	:	:	:	:	:	274,0 0	240,0 0
Slovakia	863,0 0	732,0 0	848,0 0	871,0 0	918,0 0	962,0 0	984,0 0	1.081, 00	1.044, 00	1.039, 00
Finland	564,0 0	636,0 0	625,0 0	661,0 0	574,0 0	645,0 0	657,0 0	674,0 0	702,0 0	729,0 0
Sweden	987,0 0	1.091 ,00	1.216 ,00	1.189 ,00	1.281 ,00	1.334, 00	1.385, 00	1.405, 00	1.474, 00	1.457, 00
Iceland	40,00	53,00	42,00	53,00	50,00	48,00	41,00	49,00	51,00	38,00

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Liechtenstein	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Norway	578,0 0	567,0 0	580,0 0	580,0 0	586,0 0	542,0 0	606,0 0	587,0 0	555,0 0	499,0 0
Switzerland	786,0 0	863,0 0	894,0 0	885,0 0	946,0 0	995,0 0	1.017, 00	1.115, 00	1.089, 00	1.164, 00
Montenegro	:	:	:	:	:	30,00	32,00	34,00	40,00	36,00
North Macedonia	:	:	:	:	:	229,0 0	323,0 0	276,0 0	291,0 0	:
Serbia	1.248 ,00	1.286 ,00	1.362 ,00	1.455 ,00	1.304 ,00	1.231, 00	1.317, 00	1.149, 00	1.309, 00	1.114, 00
Turkey	5.172 ,00	5.175 ,00	6.896 ,00	7.651 ,00	8.530 ,00	9.395, 00	10.85 4,00	11.90 9,00	13.23 9,00	14.50 6,00

: - not available

Source: [https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_grd2\\$defaultview/default/table](https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_grd2$defaultview/default/table)**Annex 13. Evolution of number of practising physicians in the EU, 2013-2022**

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
European Union - 27 countries (from 2020)	:	:	:	:	:	:	:	:	:	:
European Union - 28 countries (2013-2020)	:	:	:	:	:	:	:	:	:	:
Belgium	34.94 5	35.42 2	36.31 6	37.17 0	37.44 9	38.34 6	39.34 5	40.46 3	40.92 6	41.61 1
Bulgaria	28.71 5	28.73 3	29.00 2	29.27 1	29.60 6	29.62 5	29.54 9	29.65 6	29.54 3	29.53 8
Czechia	38.77 6	:	:	:	:	42.91 9	43.39 9	43.81 0	44.71 2	46.05 1
Denmark	21.61 1	21.88 2	22.33 8	22.90 6	23.69 1	24.30 8	24.71 9	25.52 2	26.34 4	:
Germany	325.4 07	332.6 95	338.1 29	344.7 55	351.1 95	357.4 01	365.3 88	371.5 56	376.8 52	381.2 49
Estonia	4.395	4.418	4.492	4.548	4.569	4.605	4.603	4.626	4.568	4.683
Ireland	12.36 7	14.02 9	14.66 6	15.17 8	15.66 0	15.96 2	16.36 6	17.23 1	20.25 6	17.18 0
Greece	:	:	:	:	:	:	:	:	:	:
Spain	177.6 65	176.6 65	178.6 00	177.7 31	180.6 33	188.1 66	207.5 65	216.7 66	212.7 35	205.3 66
France	203.2 27	205.0 18	206.6 88	208.2 45	210.0 17	210.5 49	213.1 80	214.2 93	215.7 22	217.4 41
Croatia	12.90 6	13.30 2	13.43 0	13.50 4	13.88 5	14.07 5	14.31 2	14.25 6	14.65 6	15.27 2
Italy	234.9 18	235.8 89	233.1 02	239.6 42	241.5 12	240.3 01	241.9 45	237.8 44	242.7 21	249.8 69
Cyprus	2.754	2.880	3.046	3.209	3.325	3.544	3.768	4.163	4.419	4.735
Latvia	6.423	6.412	6.324	6.295	6.225	6.367	6.253	6.346	6.328	6.391
Lithuania	12.65 0	12.63 1	12.60 5	12.81 2	12.88 7	12.88 1	12.76 8	12.52 9	12.53 3	12.58 0
Luxembourg	1.538	1.603	1.656	1.683	1.780	:	:	:	:	:
Hungary	31.74 8	32.79 1	30.48 6	31.51 5	32.54 3	33.07 8	34.13 7	30.61 0	32.02 6	33.47 3
Malta	1.466	1.566	1.636	1.743	1.855	1.925	2.029	2.158	2.252	2.384
Netherlands	:	57.76 2	59.14 4	60.23 3	61.73 0	63.27 8	65.12 1	67.10 0	68.69 7	69.40 4
Austria	42.10 0	42.88 9	43.77 5	44.62 3	45.36 6	46.11 5	46.98 7	47.42 2	48.44 3	49.24 2
Poland	85.24 6	87.68 7	88.43 7	91.73 0	90.28 4	89.53 2	125.3 49	126.0 64	129.8 93	131.4 26
Portugal	:	:	:	:	:	:	:	:	:	:
Romania	52.82 8	53.72 0	54.80 7	55.97 5	57.32 9	59.33 3	61.73 1	64.12 7	67.09 6	69.48 7
Slovenia	5.416	5.712	5.830	6.224	6.408	6.591	6.812	6.944	7.049	7.122
Slovakia	:	:	:	:	:	:	:	:	:	:
Finland	14.42	14.69	14.78	15.09	15.20	15.31	15.54	15.79	15.81	:

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	6	7	5	0	9	9	6	2	8	
Sweden	38.81 6	39.83 9	40.90 2	42.00 4	42.94 0	43.97 8	44.07 5	44.74 9	45.91 6	:
Iceland	1.168	1.193	1.249	1.292	1.330	1.373	1.404	1.583	1.631	1.676
Liechtenstein	120	119	120	124	138	135	144	141	134	143
Norway	21.87 4	22.75 4	21.23 3	22.09 5	22.93 2	23.72 0	24.48 2	25.18 5	25.78 6	26.78 3
Switzerland	32.68 1	33.78 5	34.76 2	35.59 2	36.32 4	36.94 0	37.30 0	37.91 1	38.61 3	39.36 2
Montenegro	1.326	1.350	1.466	1.589	1.650	1.720	1.698	1.721	1.738	1.726
North Macedonia	:	:	:	:	:	:	:	:	:	:
Serbia	:	:	:	20.85 3	20.77 3	20.82 4	:	19.85 7	20.70 3	21.04 8
Turkey	:	:	:	:	:	:	:	:	:	:

: - not available

Source: [https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_prs2\\$defaultview/default/table](https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_prs2$defaultview/default/table)**Annex 14. Evolution of number of hospital employment, full-time equivalent, in the EU, 2013-2022**

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	146.152 ,98	146.475 ,33	147.380 ,48	149.044 ,33	149.036 ,47	152.735 ,29	152.906 ,06	151.372 ,34	146.539 ,45	:
Bulgaria	:	:	:	:	:	:	:	:	:	:
Czechia	134.002 ,90	134.770 ,65	138.825 ,42	141.187 ,44	144.836 ,12	146.598 ,44	149.452 ,57	151.142 ,41	156.584 ,42	158.876 ,31
Denmark	105.861 ,00	107.078 ,00	106.525 ,00	103.644 ,00	104.382 ,00	105.459 ,00	106.574 ,00	109.059 ,00	115.555 ,00	115.109 ,00
Germany	959.000 ,00	968.000 ,00	978.000 ,00	988.000 ,00	1.003.0 00,00	1.023.0 00,00	1.049.0 00,00	1.076.0 00,00	1.083.0 00,00	1.090.0 00,00
Estonia	12.756, 60	12.985, 40	13.055, 20	12.790, 20	12.875, 90	12.854, 40	13.198, 29	13.534, 83	12.835, 04	13.431, 54
Ireland	47.934, 93	49.746, 65	54.737, 34	56.382, 22	58.621, 18	60.905, 97	62.537, 26	66.439, 13	70.129, 44	74.054, 78
Greece	:	:	:	:	:	:	:	:	:	:
Spain	:	:	:	:	:	:	:	:	:	:
France	1.147.7 32,18	1.155.5 83,20	1.158.6 39,44	1.164.6 79,41	1.169.7 11,72	1.176.9 45,99	1.180.1 15,12	:	1.214.7 37,73	1.222.2 26,48
Croatia	:	:	:	:	:	:	:	:	:	:
Italy	:	:	:	:	:	:	:	:	:	:
Cyprus	:	:	:	:	:	:	:	:	:	:
Latvia	:	:	:	:	:	:	:	:	:	:
Lithuania	46.819, 00	46.144, 00	45.940, 00	45.988, 00	45.637, 00	45.742, 00	45.500, 00	45.654, 00	45.600, 00	45.817, 00
Luxembou rg	:	:	:	:	:	:	:	:	:	:
Hungary	102.494 ,73	100.064 ,07	99.873, 85	99.556, 29	100.372 ,68	100.795 ,43	97.966, 61	98.743, 74	86.884, 63	87.959, 80
Malta	7.214,8 7	7.855,5 1	8.554,4 4	8.469,1 3	8.914,7 0	9.455,2 0	9.519,9 0	9.865,5 0	9.868,0 5	10.253, 34
Netherlan ds	215.281 ,00	204.854 ,00	211.903 ,00	198.647 ,00	202.528 ,00	216.423 ,00	201.518 ,46	213.653 ,93	229.251 ,07	232.438 ,09
Austria	135.829 ,00	136.931 ,00	138.958 ,00	139.702 ,60	140.592 ,65	141.704 ,22	143.156 ,94	144.400 ,34	146.427 ,35	146.757 ,53
Poland	:	:	:	:	:	:	:	:	:	:
Portugal	:	:	:	:	:	:	:	:	:	:
Romania	152.126 ,00	154.315 ,00	160.424 ,00	166.297 ,00	174.423 ,50	176.297 ,00	187.387 ,00	193.244 ,00	202.321 ,00	207.030 ,50

GEO / Time	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Slovenia	:	:	:	:	:	:	:	:	:	:
Slovakia	40.723, 64	41.262, 81	41.345, 26	41.442, 12	41.458, 33	42.287, 43	43.275, 41	43.902, 70	43.794, 73	45.031, 34
Finland	:	:	:	:	:	:	:	:	:	:
Iceland	4.629,5 2	4.723,4 3	4.871,1 2	5.046,7 3	5.153,5 8	5.343,0 4	5.490,6 3	5.620,0 7	:	:
Liechtenstein	153,80	169,05	171,10	167,00	203,92	151,05	197,80	231,10	238,15	226,88
Norway	91.981, 00	92.626, 00	97.094, 00	98.065, 00	98.942, 00	100.491, 00	101.941, 00	104.396, 00	108.019, 00	110.239, 00
Switzerland	148.362, 81	152.435, 20	157.664, 36	161.945, 41	165.463, 10	168.372, 17	170.927, 84	174.592, 58	177.881, 78	180.818, 30
Montenegro	:	:	:	:	:	:	:	:	:	:
North Macedonia	:	:	:	:	:	:	:	:	:	:
Serbia	64.940, 00	64.155, 00	63.965, 00	62.606, 00	62.978, 00	62.822, 00	:	64.720, 00	66.974, 00	67.956, 50
Turkey	:	:	:	:	:	:	:	:	:	:

: - not available

Source: [https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_prshp2\\$defaultview/default/table](https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_prshp2$defaultview/default/table)

Annex 15. Evolution of number of operation theatres in hospital (per hundred thousand inhabitants) in the EU, 2013-2022

GEO / Time	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	11,2 4	11,3 3	10,6 5	11,3 7	11,8 5	11,8 3	12,2 5	12,3 7	10,5 4	11,5 7	12,5 3	12,9 4
Bulgaria	:	:	:	:	:	:	:	:	:	:	17,1 9	18,0 5
Czechia	9,46	9,45	9,50	9,27	9,01	8,47	8,27	8,15	8,52	8,74	8,69	8,56
Denmark	:	:	:	:	:	:	:	:	:	:	:	:
Germany	:	:	:	:	:	:	:	:	:	:	:	:
Estonia	:	:	9,56	10,0 4	10,1 9	10,3 4	10,0 2	10,1 4	10,2 5	10,1 5	10,2 9	9,86
Ireland	4,83	4,83	4,87	5,22	5,21	5,09	5,51	5,47	5,45	5,40	7,25	7,45
Greece	:	:	:	11,8 1	11,7 8	12,1 5	12,3 9	12,4 3	11,5 4	11,9 7	12,7 5	13,0 1
Spain	8,99	9,12	9,24	9,36	9,52	9,57	9,73	9,77	9,80	9,57	9,86	9,96
France	:	:	17,3 4	16,9 8	16,3 8	16,1 2	16,0 6	15,9 3	15,9 0	15,7 7	15,7 6	15,9 7
Croatia	:	9,44	8,79	9,78	10,1 1	11,4 5	11,1 2	11,3 2	11,3 6	11,7 8	12,0 4	12,3 2
Italy	10,2 6	10,2 8	10,0 9	10,0 3	10,1 6	10,1 3	10,2 3	10,2 5	10,4 8	10,5 8	10,7 1	10,8 4
Cyprus	:	2,78	3,25	3,28	14,3 9	16,4 4	14,0 8	16,5 5	15,9 9	16,3 7	16,8 8	16,1 1
Latvia	10,8 8	11,8 5	12,8 7	13,7 4	14,7 7	16,0 2	15,2 9	16,5 5	16,3 5	8,52	8,97	9,36
Lithuania	:	:	:	:	:	:	:	:	:	:	:	:
Luxembourg	10,0 3	9,79	9,57	9,17	8,95	8,74	9,73	9,54	9,35	9,20	9,22	9,65
Hungary	:	10,2 2	:	:	:	:	:	:	:	:	:	:
Malta	10,0 9	9,76	10,3 3	10,1 3	10,3 4	10,5 4	11,1 1	10,7 3	9,92	10,0 9	9,64	9,41
Netherlands	:	:	:	:	6,95	7,19	6,81	6,93	6,95	6,50	6,95	6,71
Austria	3,46	3,45	3,49	3,46	3,44	3,53	3,83	3,96	4,62	4,71	4,71	4,62
Poland	8,25	8,88	8,62	9,28	9,35	9,40	9,45	9,45	9,32	9,35	9,61	9,67
Portugal	8,15	8,48	8,66	8,67	8,63	8,79	8,64	8,66	8,83	8,77	8,75	8,76
Romania	8,96	9,04	9,24	9,34	9,54	9,52	9,67	9,83	10,0 8	10,1 3	10,2 4	10,4 5
Slovenia	7,50	7,53	6,99	7,13	8,14	8,23	8,57	8,63	8,57	8,51	8,54	8,52
Slovakia	:	:	:	:	:	:	:	:	:	:	:	:
Liechtenstein	11,0 2	10,9 1	10,8 2	10,7 4	10,6 7	10,6 1	15,8 1	10,4 6	10,3 7	10,2 8	10,2 1	10,1 3
Switzerland	12,3 2	12,1 3	11,8 8	12,0 4	11,9 3	11,9 1	12,0 1	11,9 4	12,0 5	11,8 8	11,8 9	11,8 8
United Kingdom	5,75	5,78	5,89	5,88	5,87	5,83	:	:	:	:	:	:
North Macedonia	:	:	:	:	:	:	:	:	:	:	:	:
Serbia	6,90	7,63	7,87	7,84	7,72	8,06	8,10	8,15	8,19	8,25	8,33	11,0 0
Turkey	7,01	7,58	7,26	7,36	7,43	7,73	7,97	8,18	8,22	8,13	8,41	8,71

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_tech/default/table

Annex 16. Evolution of number of oncological day care place (per hundred thousand inhabitants) in the EU, 2013-2022

GEO / Time	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Belgium	13,2 3	13,5 1	11,8 2	12,9 2	13,5 4	13,1 8	13,3 1	14,1 0	11,8 1	18,8 6	15,5 9	16,2 2
Bulgaria	:	:	:	:	:	:	:	:	4,97	5,83	5,87	6,43
Czechia	:	:	:	:	:	:	:	:	:	:	:	:
Denmark	:	:	:	:	:	:	:	:	:	:	:	:
Germany	1,22	1,30	1,24	1,15	1,18	1,16	1,23	0,46	0,49	0,54	0,61	0,67
Estonia	:	:	:	:	:	:	:	:	:	:	:	:
Ireland	:	:	:	:	:	:	:	:	:	:	:	:
Greece	:	:	:	4,07	4,43	4,75	5,14	5,39	5,93	6,32	6,87	7,11
Spain	14,8 8	15,7 2	16,4 0	17,1 1	17,9 2	18,3 3	18,6 7	19,7 8	20,3 1	20,6 9	21,0 7	22,8 1
France	:	:	8,72	9,29	9,61	9,97	10,2 0	10,4 7	10,5 6	10,8 3	11,2 1	11,6 1
Croatia	:	2,81	5,03	5,46	4,91	4,19	3,98	4,06	4,05	4,60	4,64	4,98
Italy	5,15	4,73	4,60	4,47	4,39	4,21	3,78	3,68	3,67	3,53	3,57	3,61
Cyprus	3,06	3,01	3,02	3,05	7,20	8,22	8,96	7,47	8,16	8,63	8,89	8,77
Latvia	:	:	:	:	:	:	:	:	:	5,26	4,94	5,05
Lithuania	:	:	:	:	:	:	:	:	:	:	:	:
Luxembourg	:	:	:	:	:	:	:	:	:	:	:	:
Hungary	:	:	:	:	:	:	:	:	:	:	:	:
Malta	:	:	:	:	:	5,93	5,77	5,57	5,36	5,24	5,21	5,08
Netherlands	:	:	:	:	:	:	:	:	:	:	:	:
Austria	:	:	:	:	:	:	:	:	:	:	:	:
Poland	1,29	:	:	:	:	:	:	:	:	:	:	:
Portugal	:	:	:	:	:	:	:	:	:	:	:	:
Romania	2,09	2,73	3,05	3,09	3,40	3,42	3,53	5,07	5,23	5,28	5,86	5,99
Slovenia	:	:	:	:	:	:	:	:	:	:	:	:
Slovakia	0,48	0,65	0,35	0,35	0,18	0,18	0,00	0,18	0,18	0,18	0,18	0,18
Liechtenstein	0,00	0,00	2,70	2,68	8,00	7,95	13,1 7	10,4 6	10,3 7	5,14	10,2 1	10,1 3
Switzerland	:	:	:	:	:	:	:	:	:	:	:	:
United Kingdom	:	:	:	:	:	:	:	:	:	:	:	:
North Macedonia	:	1,84	1,84	1,84	1,79	1,59	3,18	3,18	3,90	3,23	3,23	:
Serbia	3,46	3,61	3,69	4,01	3,93	3,95	3,83	3,17	3,64	4,54	4,24	4,14
Turkey	:	:	:	:	:	:	:	:	:	:	:	:

: - not available

Source: https://ec.europa.eu/eurostat/databrowser/view/hlth_rs_tech/default/table

Annex 17. Evolution of current health care expenditure in the EU, 2013-2022

GEO / Time	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
European Union - 27 countries (from 2020)	1.178.279,65	1.215.960,13	1.249.704,32	1.293.954,70	1.337.368,46	1.393.016,13	1.463.301,71	1.591.674,36	1.648.486,53	:
European Union - 28 countries (2013-2020)	1.408.241,67	1.477.806,23	1.490.028,12	1.525.399,94	1.577.130,29	1.649.569,32	:	:	:	:
European Union - 27 countries (2007-2013)	1.405.333,88	1.474.778,45	1.486.844,40	1.522.072,18	1.573.569,69	1.645.784,30	:	:	:	:
European Union - 15 countries (1995-2004)	1.334.009,56	1.400.002,32	1.408.800,02	1.437.443,13	1.482.995,55	1.546.890,99	:	:	:	:
Euro area – 20 countries (from 2023)	1.046.809,30	1.079.749,18	1.108.935,83	1.145.327,66	1.183.659,15	1.231.978,70	1.292.511,65	1.402.028,76	1.452.921,91	:
Euro area - 19 countries (2015-2022)	1.043.901,52	1.076.721,40	1.105.752,11	1.141.999,90	1.180.098,54	1.228.193,69	1.288.614,50	1.397.308,97	1.447.988,73	:
Euro area - 18 countries (2014)	1.041.635,94	1.074.297,52	1.103.170,76	1.139.267,07	1.177.126,22	1.224.774,16	1.284.886,78	1.392.926,43	1.443.106,78	:
Euro area - 12 countries (2001-2006)	1.028.606,87	1.060.702,46	1.088.851,77	1.124.456,19	1.161.209,00	1.207.257,68	1.266.166,33	1.370.853,43	1.419.573,39	:
Belgium	42.752,47	44.990,38	46.420,10	48.070,64	49.967,10	51.504,09	51.902,39	56.112,23	59.625,83	:
Bulgaria	3.305,61	3.386,12	3.636,79	3.935,66	4.120,53	4.364,00	5.225,79	6.124,62	6.575,40	:
Czechia	11.986,68	12.437,35	13.118,11	14.247,64	15.739,05	17.176,92	19.761,77	22.520,47	24.308,74	26.128,41
Denmark	27.397,37	28.241,26	29.023,33	29.770,48	30.528,07	31.424,46	33.372,86	36.859,08	36.066,82	35.286,77
Germany	322.775,00	338.638,00	352.397,00	370.023,00	386.123,00	407.025,00	431.941,00	466.713,00	488.677,00	486.257,00
Estonia	1.275,47	1.370,20	1.457,63	1.572,37	1.735,20	1.892,72	2.081,59	2.351,64	2.528,00	2.848,46
Ireland	18.559,32	19.291,85	20.180,53	21.216,34	22.460,46	23.931,35	26.505,49	28.631,87	30.983,40	33.129,89
Greece	13.986,42	14.497,60	14.742,57	14.391,37	14.580,52	15.031,34	15.716,46	16.670,38	17.562,40	:
Spain	93.830,60	98.363,32	99.729,02	104.002,63	108.330,28	113.776,09	120.093,31	126.001,25	131.114,07	:
France	247.767,17	251.497,43	256.712,36	261.211,06	264.934,59	270.562,47	279.814,91	307.567,88	313.574,39	:
Croatia	2.907,78	3.027,78	3.183,72	3.327,75	3.560,60	3.785,01	3.897,15	4.719,79	4.933,18	:
Italy	144.317,00	146.613,00	147.963,00	150.697,00	153.790,00	155.524,00	159.892,00	170.278,00	175.719,00	176.153,00
Cyprus	1.211,80	1.219,10	1.264,90	1.345,07	1.479,54	1.637,70	1.934,86	2.362,02	2.463,99	:
Latvia	1.290,77	1.388,84	1.556,09	1.609,73	1.804,22	2.029,11	2.193,54	3.038,07	2.925,67	:
Lithuania	2.265,58	2.423,88	2.581,36	2.732,83	2.972,32	3.419,53	3.727,72	4.382,53	4.881,95	5.255,05
Luxembourg	2.708,90	2.751,04	2.850,33	2.987,17	3.174,33	3.411,86	3.719,75	4.096,10	4.304,06	4.586,37
Hungary	7.488,05	7.730,72	8.123,68	8.566,38	8.952,28	9.206,08	10.057,80	11.367,56	11.296,76	12.493,80
Malta	795,04	889,47	945,12	1.042,18	1.109,70	1.297,84	1.415,73	1.588,88	1.660,94	:
Netherlands	70.964,00	71.236,00	72.918,00	74.614,00	77.553,00	82.447,00	89.399,00	96.852,00	96.820,00	:
Austria	34.540,89	35.692,35	37.020,51	38.354,63	39.871,46	41.650,95	43.102,90	49.246,10	49.897,38	52.279,63
Poland	25.681,21	27.280,04	27.756,39	30.663,80	31.501,68	34.400,25	34.182,62	37.110,84	41.869,59	52.465,05
Portugal	16.168,20	16.742,90	17.519,59	18.234,53	19.313,26	20.395,17	21.150,13	24.033,06	25.370,25	26.559,58
Romania	7.568,11	7.922,96	8.509,07	9.671,85	11.371,07	12.810,05	13.727,90	15.631,78	16.337,18	:
Slovenia	3.199,66	3.309,20	3.428,78	3.520,39	3.797,15	4.124,92	4.435,43	4.956,32	5.478,52	5.938,82
Slovakia	5.256,33	5.418,25	5.666,47	5.721,14	5.991,41	6.534,21	6.659,30	7.776,08	8.476,28	:
Finland	20.236,91	20.388,59	20.398,75	20.653,82	21.111,01	21.998,37	22.929,00	24.651,76	25.925,61	:
Sweden	48.043,30	49.212,49	50.601,13	51.771,23	51.496,64	51.655,66	54.461,32	60.031,24	59.110,13	59.832,74
Iceland	1.116,93	1.284,35	1.533,61	1.824,50	1.876,51	1.904,53	1.828,31	2.118,65	2.478,54	2.579,98
Liechtenstein	283,02	324,90	329,92	325,71	314,30	332,63	340,19	360,15	395,76	:
Norway	35.132,03	35.220,23	35.318,92	36.447,73	37.118,10	38.112,60	36.879,92	41.754,35	44.879,54	:
Switzerland	58.635,76	68.836,41	69.820,53	70.278,23	68.795,40	73.633,37	78.115,41	82.540,23	91.053,95	:
United Kingdom	229.962,02	261.846,11	240.323,80	231.445,23	239.761,83	256.553,19	:	:	:	:
Bosnia and Herzegovina	1.324,85	1.366,83	1.414,26	1.433,85	1.520,41	1.633,05	1.722,85	1.912,42	2.033,03	:
Moldova	:	:	:	:	:	:	:	:	960,73	:
Serbia	:	:	:	:	:	:	:	5.339,61	5.835,65	:

: - not available

Source: [https://ec.europa.eu/eurostat/databrowser/view/hlth_sha11_hc\\$defaultview/default/table](https://ec.europa.eu/eurostat/databrowser/view/hlth_sha11_hc$defaultview/default/table)