



14<sup>th</sup> July 2023

VITAL STATISTICS – Monthly data

June 2023

## DEATHS, LIVE BIRTHS AND MARRIAGES

### IN THE FIRST FIVE MONTHS OF 2023, 5.5% MORE LIVE BIRTHS WERE REGISTERED THAN IN THE SAME PERIOD OF 2022

In June 2023, the number of deaths was 8,743, lower than the number registered in May 2023 (466 less deaths; -5.1%) and in June 2022 (1,472 less deaths; -14.4%). In that month, the number of deaths due to COVID-19 decreased to 151 (20 less deaths than in May 2023), accounting for 1.7% of all deaths. Compared to June 2022, there was a decrease of 836 deaths due to COVID-19.

In May 2023, 7,244 children were born alive, corresponding to an increase of 4.2% compared to May 2022 (6,951). The total number of live births registered in the first five months of 2023 (34,294) was higher than the value observed in the same period of 2022 (32,517), representing a further 1,777 live births (+5.5%).

In May 2023, the natural balance was -1,941, improving in relation to the same month of 2022, when it reached -3,404. In the first five months of 2023, the cumulative value of the natural balance was -17,382, corresponding to an improvement from the value registered in the same period of 2022 (-21,195).

In May 2023, 3,566 marriages were celebrated, corresponding to an increase of 1.3% compared to the number of marriages held in May 2022 (46 more marriages). In the first five months of 2023, 11,065 marriages were celebrated, 1,127 more (+11.3%) than in the same period of 2022.

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In this press release, Statistics Portugal provides **preliminary data** on the number of deaths per month until June 2023<sup>1</sup>, and the number of live births and marriages per month until May 2023, that occurred in the national territory. The indicators published and analyzed in this Press Release are available on the Official Statistics Portal ([www.ine.pt](http://www.ine.pt)), with geographical breakdowns NUTS 2 and NUTS 3. The hyperlinks to these statistics can be found in the Excel file published together with this Press Release. The information is obtained from the Sistema Integrado do Registo e Identificação Civil (SIRIC) until July 6<sup>th</sup>, 2023. The data presented regarding the number of deaths due to COVID-19, whose source is the report “Number of New Cases and Deaths Per Day” of the Directorate-General for Health, were extracted on July 10<sup>th</sup>, 2023.

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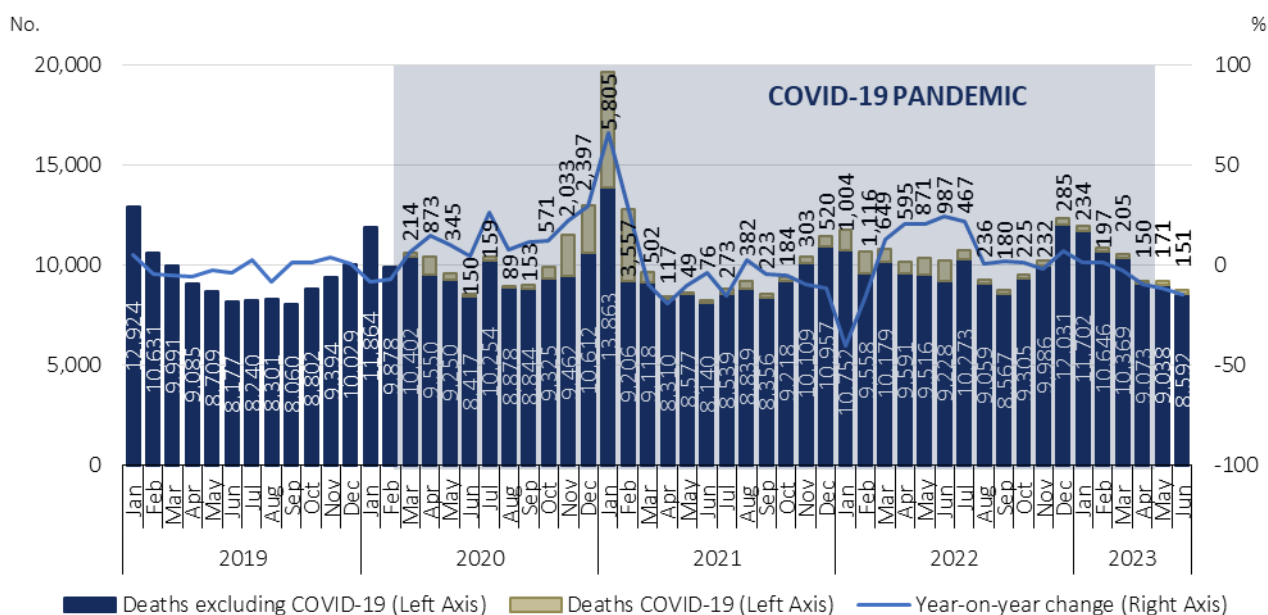
<sup>1</sup> After the release of mortality data for 2022 and considering the decrease of the impact of deaths due to COVID-19 on mortality, the analysis regarding the number of deaths per week was suspended. However, the release of indicators regarding the number of weekly deaths, by NUTS 3 breakdown, until the 26<sup>th</sup> week of 2023, and daily deaths, by NUTS 2 breakdown, until July 2<sup>nd</sup>, 2023, is assured.



In June 2023, mortality decreased 14.4% when compared to the same month of 2022

In June 2023, there were 8,743 deaths, 466 less than in the previous month. Compared to the same month of 2022, the number of deaths decreased (1,472 less deaths; -14.4%). The number of deaths due to COVID-19 decreased to 151 (20 less than in May 2023), accounting for 1.7% of all deaths. Compared to June 2022, there was a decrease of 836 deaths (-84.7%) due to COVID-19.

Figure 1. Deaths and year-on-year change, January 2019 to June 2023<sup>2</sup>



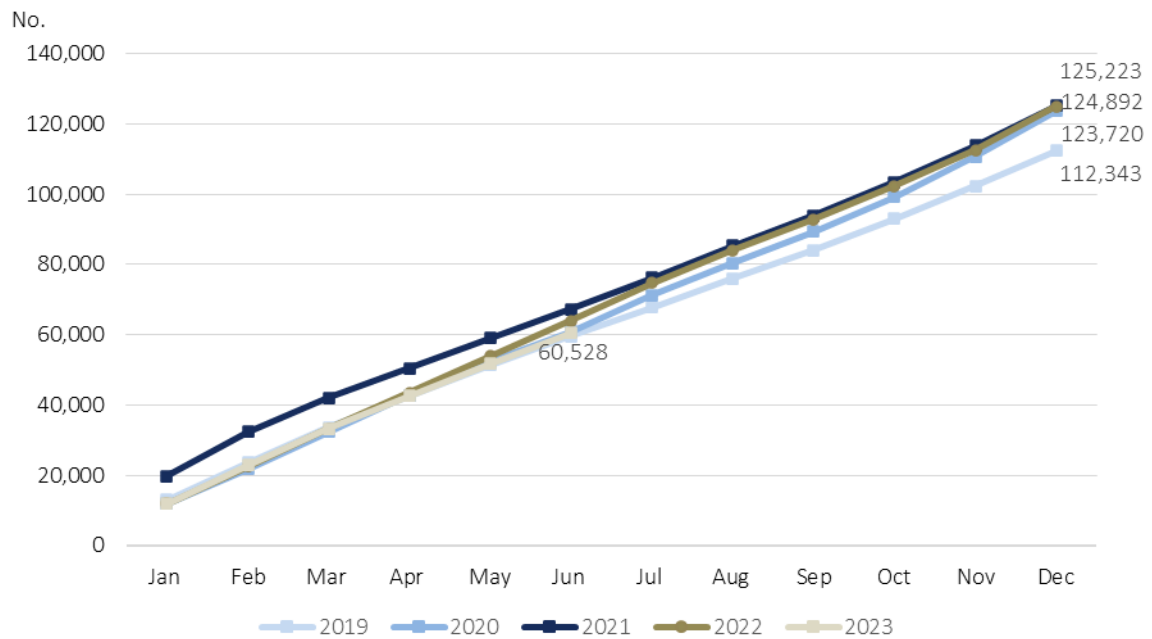
Source: Statistics Portugal, Deaths. Directorate-General of Health, [Number of New Cases and Deaths Per Day](#) (extracted on 10/07/2023).

<sup>2</sup> The World Health Organization (WHO) declared, on May 5<sup>th</sup>, the end of the global health emergency for COVID-19, accepting the recommendation of the emergency committee.



The number of deaths registered in the first semester of 2023 (60,528) was lower than the value registered in same period of 2022 (3,518 less deaths; -5.5%).

Figure 2. Monthly deaths (cumulative values), 2019 to 2023



Source: Statistics Portugal, Deaths.

The “excess mortality” indicator calculated by Eurostat, compares the number of deaths recorded each month, in the European Union (EU-27) and EFTA countries, with the average number of monthly deaths in the period 2016-2019. In April 2023, and similarly to what had happened in March, the EU-27 registered an excess of mortality. Of the 27 member states, seventeen had excess mortality in that month, including Portugal.



Figure 3. Monthly excess mortality in EU-27 and EFTA countries, January to April 2023  
(2016-2019 average = 100)

Countries	2023			
	January	February	March	April
<b>EU 27</b>	<b>103.7</b>	<b>98.5</b>	<b>100.6</b>	<b>102.7<sup>(1)</sup></b>
Austria	114.0	100.5	109.1	113.2
Belgium	105.5	95.2	97.6	99.5
Bulgaria	86.8	90.6	90.1	91.3
Croatia	94.3	97.5	90.4	99.9
Cyprus	110.3	114.6	111.8	103.5
Czechia	108.4	93.0	95.5	98.9
Denmark	111.8	98.1	100.8	108.9
Estonia	110.3	92.6	93.4	103.7
Finland	106.0	101.9	99.5	112.4
France	105.3	98.9	100.6	103.9
Germany	114.4	99.2	104.3	109.5
Greece	104.6	108.0	108.0	109.2
Hungary	90.2	93.5	100.8	97.8
Ireland	115.4	100.8	109.1	112.2
Italy	97.0	102.2	X	X
Latvia	107.7	96.4	86.1	96.4
Lithuania	98.5	77.2	93.3	92.3
Luxembourg	115.9	90.7	97.6	112.3
Malta	104.3	101.8	111.3	107.9
Netherlands	113.4	104.2	112.3	109.7
Poland	105.0	91.6	98.8	100.5
<b>Portugal</b>	<b>96.9</b>	<b>105.8</b>	<b>104.6</b>	<b>102.0</b>
Romania	91.4	89.0	90.1	87.8
Slovakia	101.3	90.5	102.2	98.9
Slovenia	105.8	95.7	97.7	101.6
Spain	98.5	106.0	106.1	102.2
Sweden	109.0	91.6	96.4	100.2
Iceland	129.3	110.2	105.7	94.5
Liechtenstein	112.2	104.4	97.4	91.8
Norway	110.2	96.8	100.4	104.1
Switzerland	105.9	95.7	104.4	107.6

(1) Estimated value.

X Value not available.

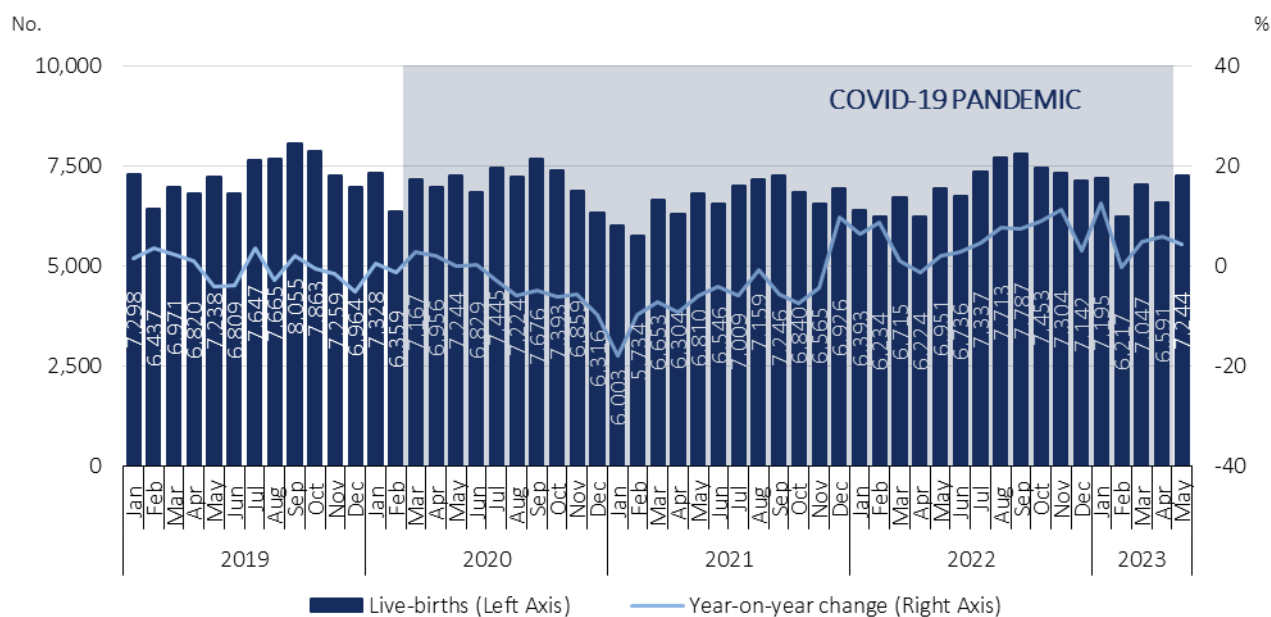
Source: Eurostat, [Excess mortality – monthly data](#) (extracted on 10/07/2023).



In May 2023, the number of live births increased 4.2% compared to May 2022

In May 2023, 7,244 children were born alive, corresponding to an increase of 4.2% (293 more) when compared to the same month of 2022.

Figure 4. Live births and year-on-year change, January 2019 to May 2023<sup>3</sup>

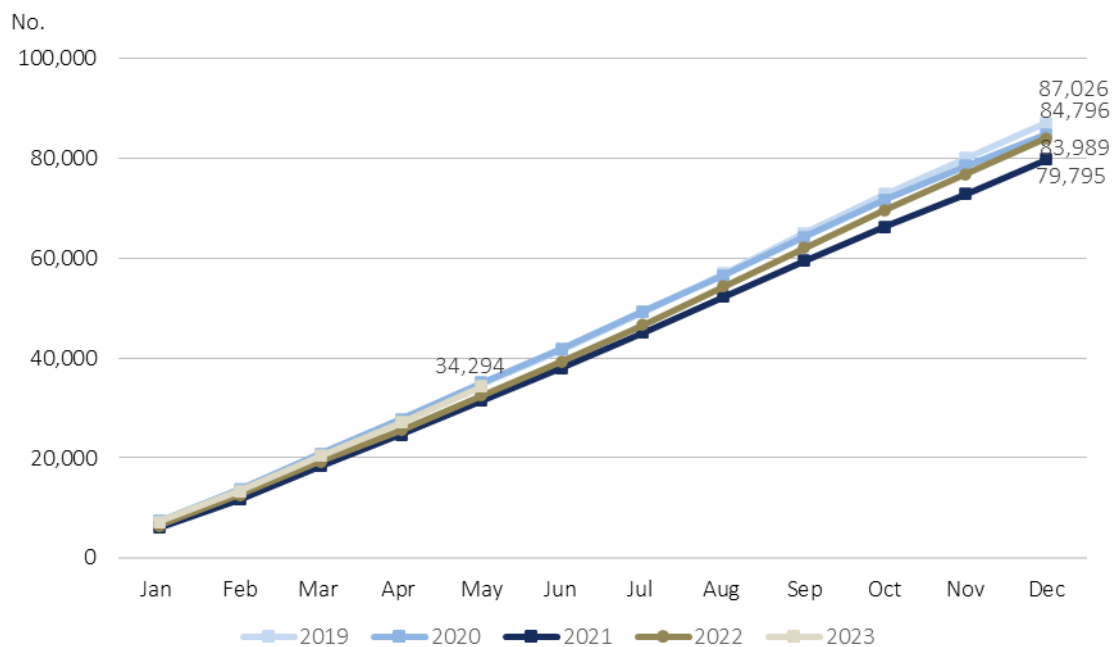


Source: Statistics Portugal, Live births.

The total number of live births registered in the first five months of 2023 (34,294) was higher than that observed in 2022 (32,517), a further 1,777 live births (+5.5%).

<sup>3</sup> The World Health Organization (WHO) declared, on May 5<sup>th</sup>, the end of the global health emergency for COVID-19, accepting the recommendation of the emergency committee.

Figure 5. Monthly live births (cumulative values), 2019 to 2023

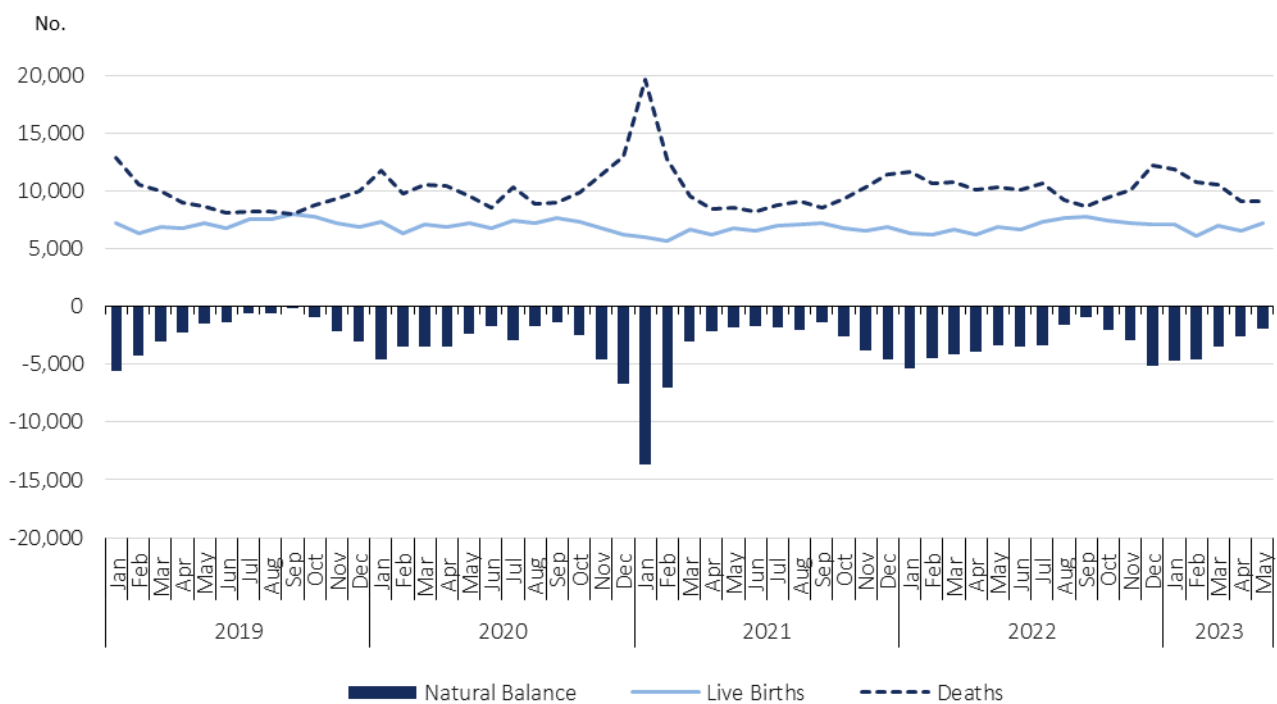


Source: Statistics Portugal, Live births.

In May 2023, the natural balance was -1,941

In May 2023, the natural balance registered the value of -1,941 improving when compared to the value registered in same month of 2022 (-3,404).

Figure 6. Live births, deaths, and natural balance<sup>4</sup>, Portugal, January 2019 to May 2023

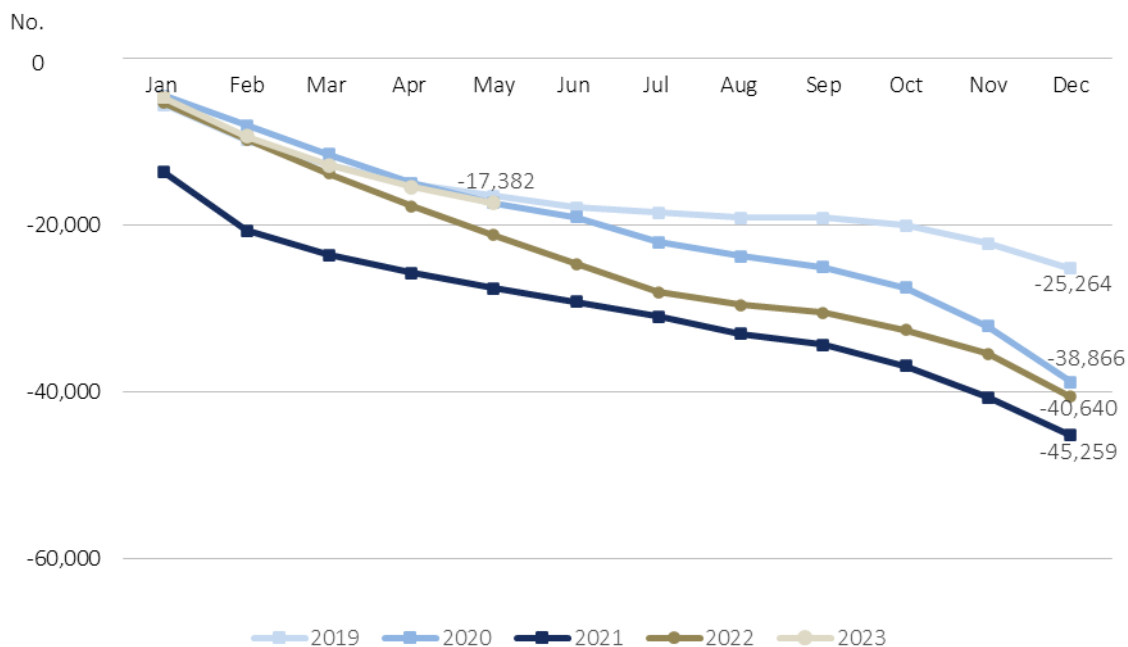


Source: Statistics Portugal, Live births, Deaths, and Demographic indicators.

In the first five months of 2023, the cumulative value of the natural balance was -17,382, improving the figure registered in same period of 2022 (-21,195).

<sup>4</sup> The natural balance is calculated based on the number of live births of mothers residing in Portugal and the number of deaths of residents in Portugal.

Figure 7. Monthly natural balance (cumulative values), 2019 to 2023



Source: Statistics Portugal, Live births, Deaths, and Demographic indicators.

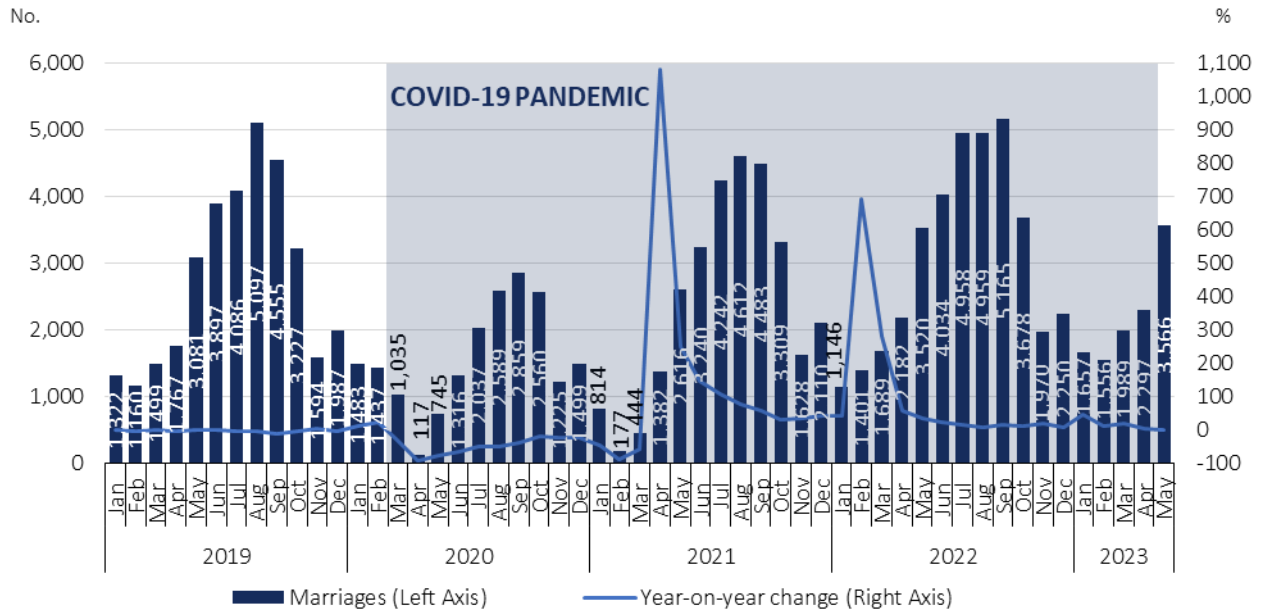
In May 2023, the number of celebrated marriages increased 1.3% compared to May 2022

In May 2023, 3,566 marriages were celebrated, corresponding to an increase of 1.3% compared to the number of marriages celebrated in May 2022 (46 more marriages).

In the first five months of 2023, 11,065 marriages were celebrated, 1,127 more (+11.3%) than in the same period of 2022.

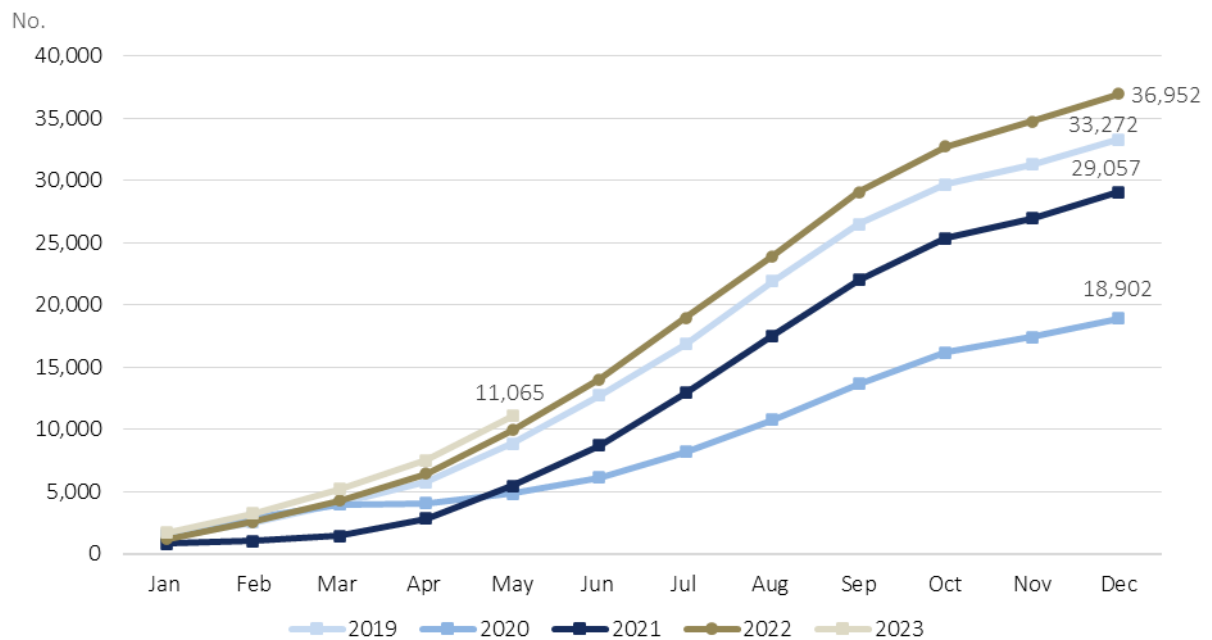


Figure 8. Marriages and year-on-year change, January 2019 to May 2023<sup>5</sup>



Source: Statistics Portugal, Marriages.

Figure 9. Monthly marriages (cumulative values), 2019 to 2023



Source: Statistics Portugal, Marriages.

<sup>5</sup> The World Health Organization (WHO) declared, on May 5<sup>th</sup>, the end of the global health emergency for COVID-19, accepting the recommendation of the emergency committee.



## TECHNICAL NOTE

Statistics Portugal releases the **preliminary** monthly **numbers** of deaths, live births, and marriages based on the information registered in the Civil Register Offices until July 6<sup>th</sup>, 2023. Indicators on the preliminary monthly number of live births, deaths, and marriages, from January to May 2023, with geographical breakdowns up to NUTS 3, as well as weekly number of deaths, until the 26<sup>th</sup> week 2023, by NUTS 3 and daily number of deaths, until July 2<sup>nd</sup>, 2023, by NUTS 2 are made available on the Statistics Portugal Website.

Data are obtained from statistical operations of direct and exhaustive collection on live births, deaths and marriages in Portuguese territory using facts that are subject to compulsory civil registration (birth and death) in the Sistema Integrado do Registo e Identificação Civil (SIRIC).

In addition to administrative information obtained from Civil Register Offices, Statistics Portugal collects an additional set of variables identified as statistically pertinent to the National Statistic System (NSS) and the European Statistical System (EES). Data is recorded and sent electronically, in compliance with the requirements set out by Statistics Portugal and laid down in liaison with the Instituto de Registos e Notariado (IRN) and the Instituto de Gestão Financeira e Equipamentos da Justiça (IGFEJ).

Data on the number of deaths due to COVID-19 are also used, whose source is the “Number of New Cases and Deaths Per Day” Report of the Directorate-General for Health.

## DEFINITIONS

**Marriage:** Contract signed by two persons that intend to start a family in full partnership and cohabitation according to legislation. Note: marriage can be held between persons from different or same sex.

**Live birth:** This is the complete expulsion or extraction from the mother's body, irrespective of the duration of the pregnancy, of a product of fertilization that, after separation, breathes or shows any other signs of life, such as a beating of the heart or umbilical cord or actual contraction of any muscle subject to voluntary movement, whether the umbilical cord has been severed and whether the placenta is retained.

**Death:** The permanent disappearance of vital functions.

**Natural balance:** The difference between the number of live births and the number of deaths during a given period.

**Year-on-year change:** The year-on-year change compares the level of a variable between the reference month and the same month of the previous year.

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Detailed methodological information available at: [www.ine.pt](http://www.ine.pt), option Products, Metadata system.

Detailed statistical information available at: [www.ine.pt](http://www.ine.pt), option Products, Statistical data, database, theme Population, subtheme Births and natality rates and subtheme Mortality and life expectancy.

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### Next Press Release

18<sup>th</sup> August 2023: “Vital Statistics - Monthly data – July 2023”.

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