

Domain: Vital statistics

Vital statistics in May 2023

- In May 2023, the number of recorded births and the number of recorded deaths decreased compared to May 2022 but increased compared to the previous month (April 2023).
- In May 2023, the number of recorded marriages and the number of recorded divorces decreased compared to May 2022 but increased compared to April 2023.

May 2023 compared to April 2023

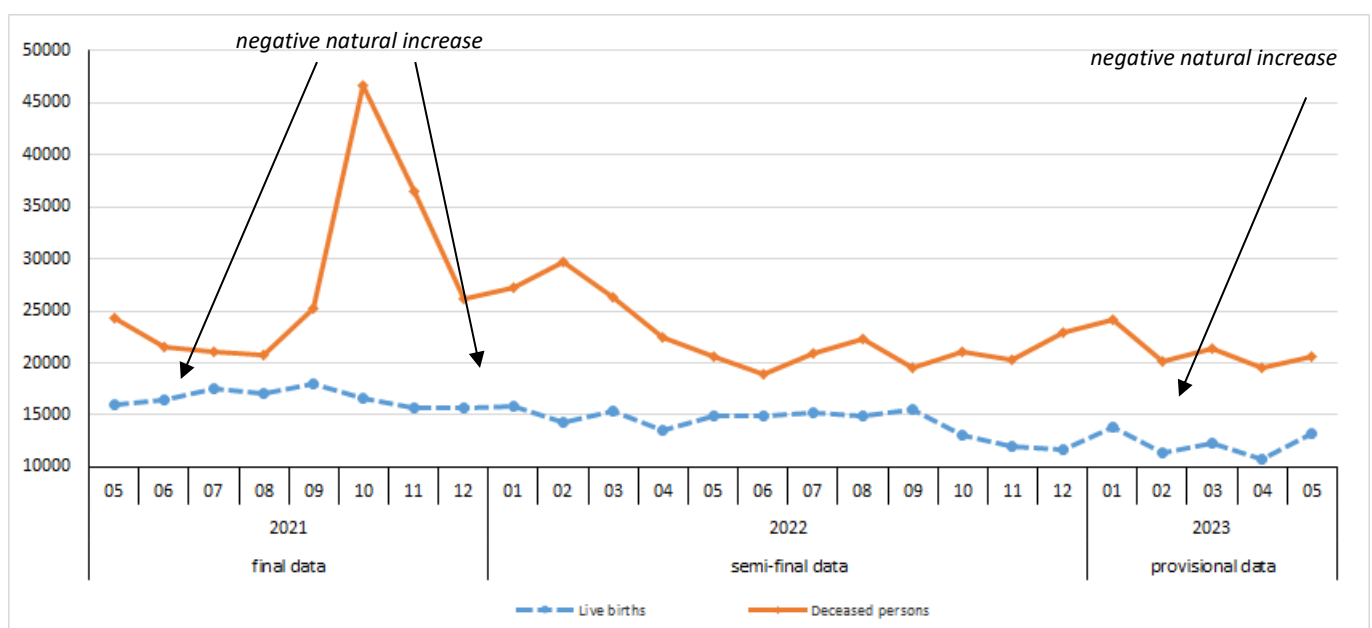
Birth rate, death rate and natural increase¹

The **births** of 13242 children were recorded in May 2023, 2534 more than in April 2023.

The number of **deaths** recorded in May 2023 was 20617 (10815 men and 9802 women), 1007 deaths (676 men and 331 women) more than in April 2023. The number of **deaths of children under 1 year** recorded in May 2023 was 87, an increase of 22 deaths compared to April 2023.

The graph below shows the monthly evolution of the number of deaths and births during the May 2021-May 2023 period. During this period, a significant increase in the number of deaths was recorded for October 2021, when, in the context of the COVID-19 pandemic, the highest number of deaths of the entire period was reported. A significant number of deaths was also reported in February 2022; a fluctuating evolution was recorded in the period that followed, without reaching the values of the previous months. At the same time, the number of births reached its highest values in the July-September period, both in 2021 and in 2022, while the number of deaths was significant and the natural increase remained negative. In the first five months of 2023, the birth and death figures had the same evolution, with increases in both vital events being reported in May.

Fig. 1 Evolution of the number of live births and deceased persons from May 2021 to May 2023

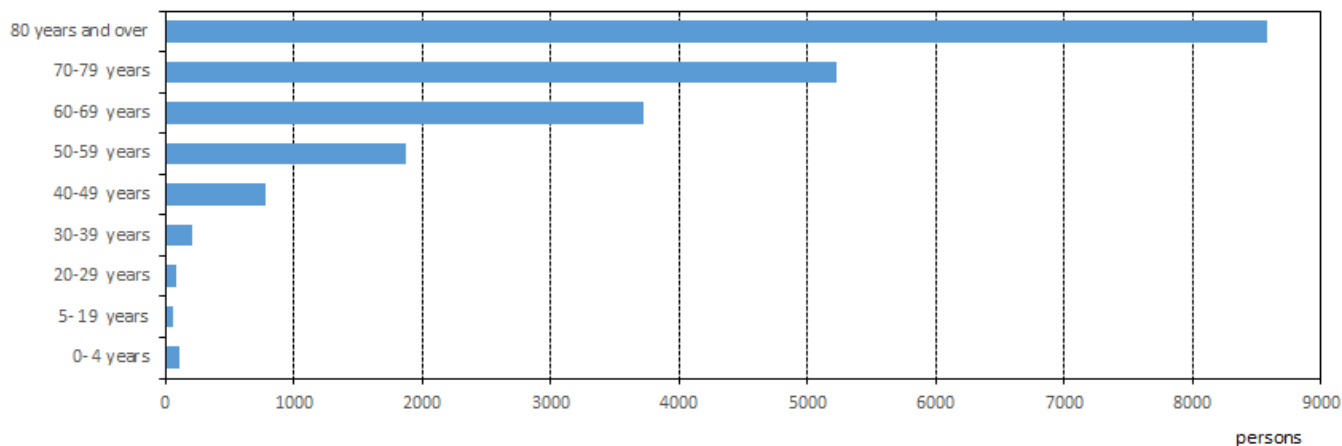


[The graph data in .xls format](#)

¹ The data for the months of 2022 are semi-final data, and the data for the months of 2023 are provisional.

In May 2023, 66.9% of the total number of deaths were recorded for the persons aged at least 70 (8581 deaths, accounting for 41.6% of the total, were recorded for the age group of 80 years and over; 5220 deaths, accounting for 25.3% of the total, were for persons aged 70-79) and 3727 deaths (18.1%) were for persons aged 60-69. By contrast, the fewest deaths were recorded for the age groups of 0-4 years (107 deaths), 20-29 years (77 deaths) and 5-19 years (55 deaths).

Fig. 2 Deaths recorded in May 2023, by age group



[The graph data in .xls format](#)

If we consider the main causes of death, in May 2023 the greatest number of persons died of diseases of the circulatory system (11048 persons, accounting for 53.6%), neoplasms (4006 persons, accounting for 19.4%) and diseases of the respiratory system (1801 persons, accounting for 8.7%).

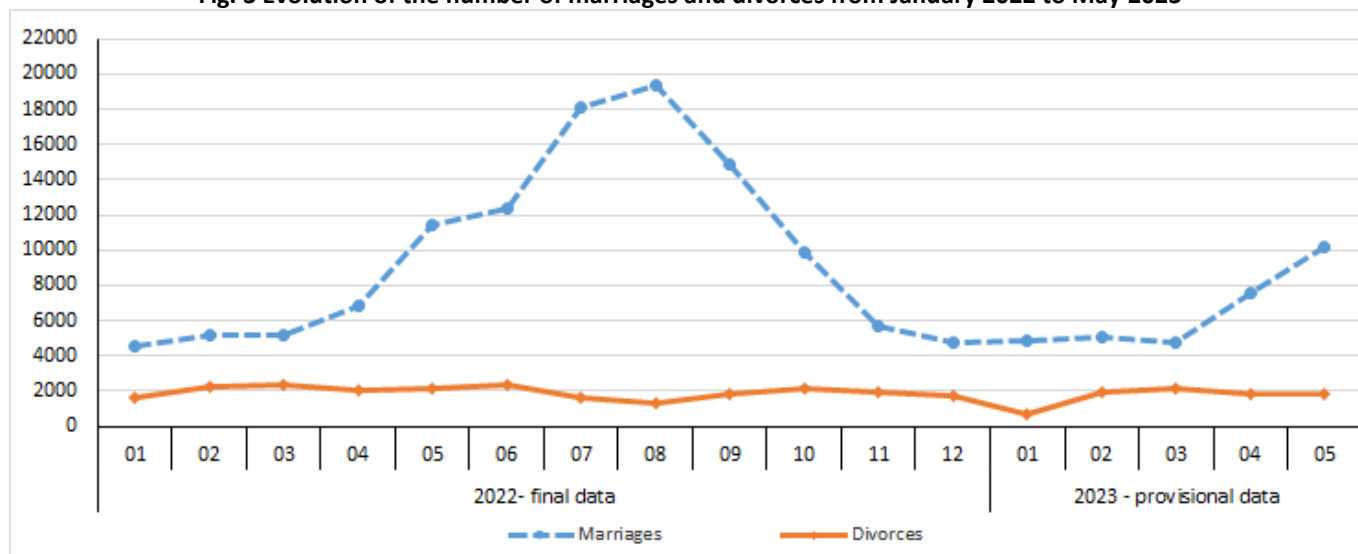
The **natural increase** remained negative in May 2023 (-7375); the number of deaths was 1.6 times higher than that of live births.

Marriage rate and divorce rate¹

10185 **marriages** were recorded at Register Offices in May 2023, 2595 more than in April 2023.

1860 **divorces** were formally pronounced by final court decree and in accordance with Law No 202/2010 in May 2023, 8 more than in April 2023.

Fig. 3 Evolution of the number of marriages and divorces from January 2022 to May 2023



[The graph data in .xls format](#)

May 2023 compared to May 2022

Birth rate, death rate and natural increase¹

The number of **live births** recorded in May 2023 was smaller by 1640 than in the same month of 2022.

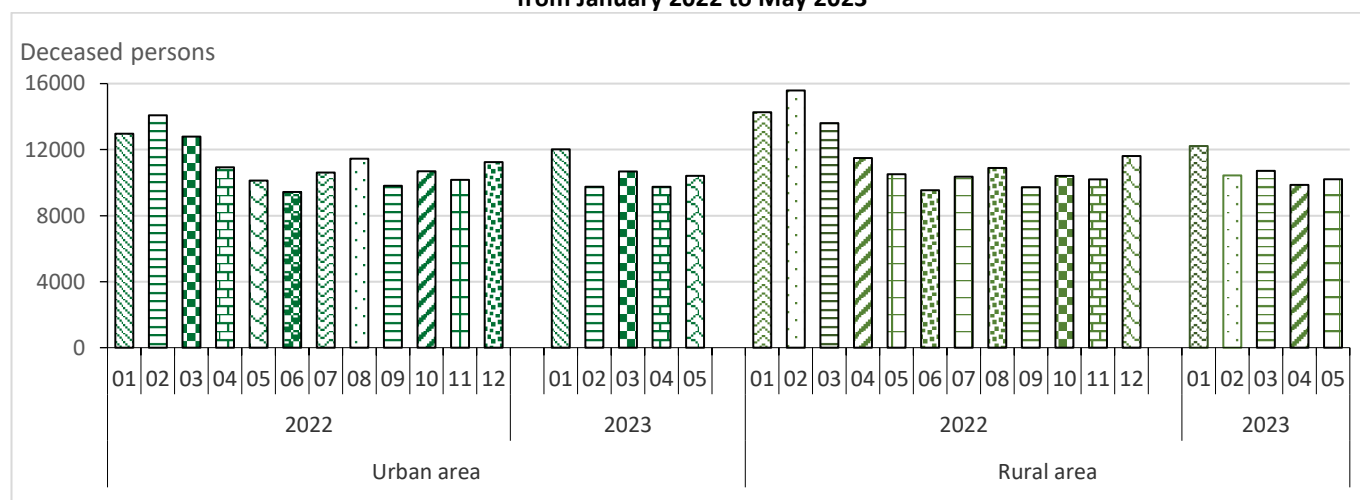
The **natural increase** was negative both in May 2023 (-7375 persons) and in May 2022 (-5754 persons).

The number of persons who **died** in May 2023 was smaller by 19 than in May 2022. Based on the three main causes of death, 322 less deaths due to diseases of the circulatory system were recorded in May 2023 than in May 2022, the number of deaths due to neoplasms was higher by 172, and 115 more deaths due to diseases of the respiratory system were reported.

The number of **children under 1 year who died** was higher by 9 in May 2023 than the one recorded in May 2022.

In May 2023, the deaths of 10412 persons (5447 men and 4965 women) were recorded in the urban area and 10205 deaths (5368 men and 4837 women) were recorded in the rural area. Compared to the same month of 2022, the number of persons who died increased by 286 persons (41 men and 245 women) in the urban area and by 305 persons (152 men and 153 women) in the rural area.

Fig. 4 Evolution of the number of deceased persons by area of residence from January 2022 to May 2023



[The graph data in .xls format](#)

Marriage rate and divorce rate²

The number of **marriages** decreased by 1200 in May 2023 compared to the number recorded in the same month of the previous year.

258 less **divorces** than in May 2022 were formally pronounced by final court decree and in accordance with Law No 202/2010 in May 2023.

Additional information:

Natural increase represents the difference between the number of live births and the number of deceased persons during the reference period. The data for the months of 2023 are provisional, with the events being presented according to the date when they were recorded and not according to the date when the vital events occurred; due to this reason, the data related to the year 2023 will experience changes by including the belatedly recorded events (after the month of reference), by excluding the events recorded during the reference month but which occurred the previous month or before the previous month and by redistributing the events by month according to the date of occurrence. For an accurate interpretation of the indicators, please see the [Methodological explanations attached to the press release on the homepage](#). The next press release on vital statistics will be issued on 10 August 2023.

Press release archive: <http://www.inse.ro/cms/en/comunicate-de-pres-a-view>

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² The data for the months of 2022 are final data, and the data for the months of 2023 are provisional.