

## Natural changes of population 2011 – 2020

Profile  
July 2021

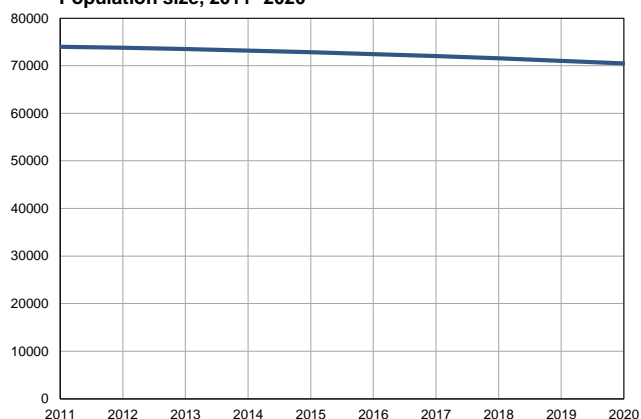
### Vranje<sup>1</sup>

	2011	2020
Population size	73977	70460
Livebirths, Number	796	570
Deaths, Number	846	1037
Natural increase, Number	-50	-467
Infants deaths, Number	8	4
Livebirths, per 1,000 population	11	8
Deaths, per 1,000 population	11	15
Natural increase, per 1,000 population	-1	-7
Infants deaths, per 1,000 livebirths	10	7

Source: Vital Statistics, SORS

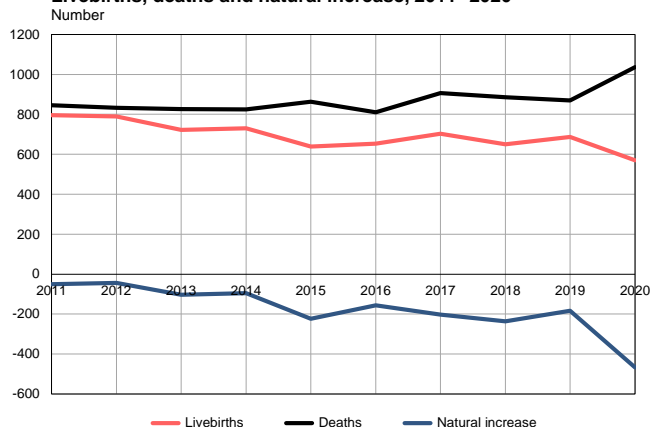
<sup>1</sup> The municipality was established in 2011

Population size, 2011–2020



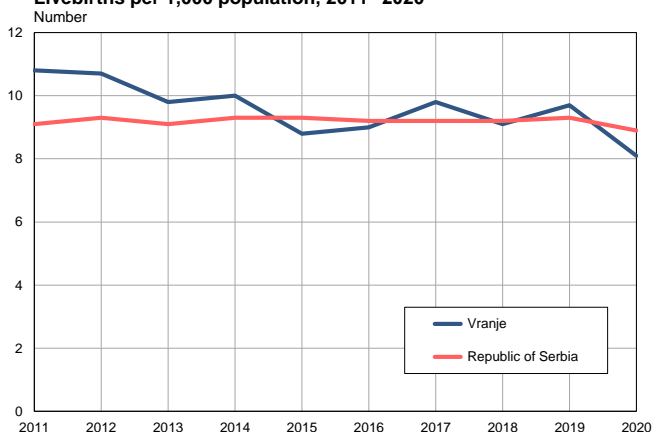
Source: Vital Statistics, SORS

Livebirths, deaths and natural increase, 2011–2020



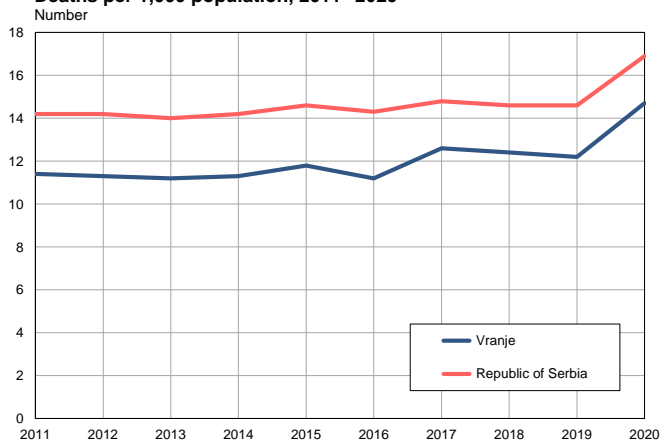
Source: Vital Statistics, SORS

Livebirths per 1,000 population, 2011–2020



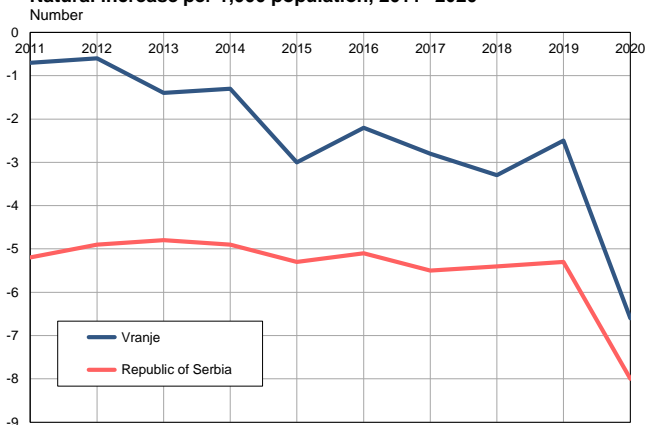
Source: Vital Statistics, SORS

Deaths per 1,000 population, 2011–2020



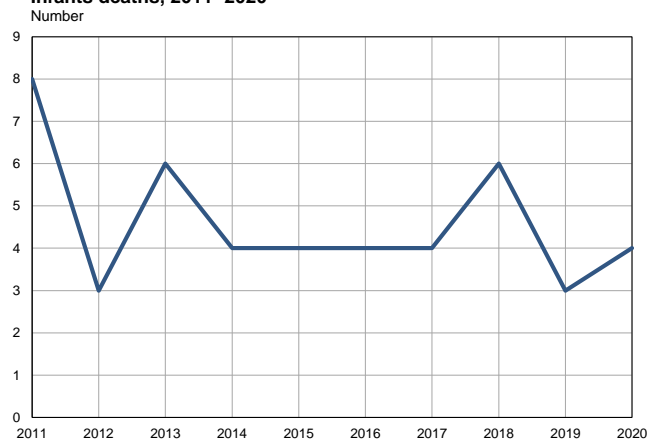
Source: Vital Statistics, SORS

Natural increase per 1,000 population, 2011–2020



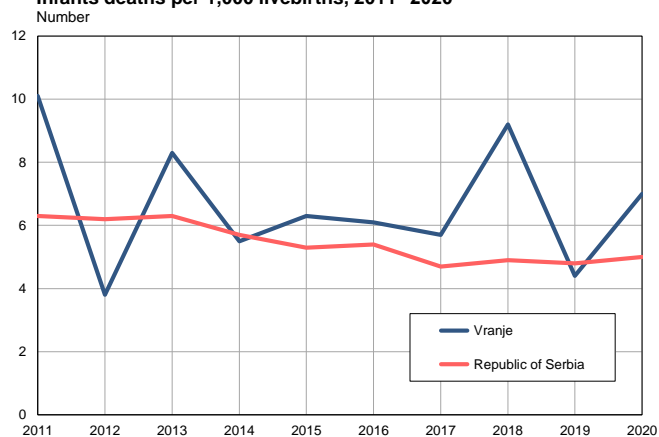
Source: Vital Statistics, SORS

**Infants deaths, 2011–2020**



Source: Vital Statistics, SORS

**Infants deaths per 1,000 livebirths, 2011–2020**



Source: Vital Statistics, SORS

**Table. Natural changes of population, Vranje**

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
2011	73977	796	846	-50	8	10.8	11.4	-0.7	10.1
2012	73789	789	833	-44	3	10.7	11.3	-0.6	3.8
2013	73512	722	826	-104	6	9.8	11.2	-1.4	8.3
2014	73200	730	825	-95	4	10.0	11.3	-1.3	5.5
2015	72856	639	863	-224	4	8.8	11.8	-3.0	6.3
2016	72443	654	810	-156	4	9.0	11.2	-2.2	6.1
2017	72020	703	906	-203	4	9.8	12.6	-2.8	5.7
2018	71551	650	886	-236	6	9.1	12.4	-3.3	9.2
2019	71050	687	870	-183	3	9.7	12.2	-2.5	4.4
2020	70460	570	1037	-467	4	8.1	14.7	-6.6	7.0

Source: Vital Statistics, SORS

## Definitions

### Population size

Number of population in the respective year. The data on the number of population in 2011, 1971, 1981 and 1991 are census data, while for the inter-census years the number of population was calculated as an average inter-census difference. From 2002 are given the population estimates that were calculated according to the census of population results and the annual statistics of natural mechanical population movements.

### Livebirths

Absolute number of live births in the course of a year. Live born child means a child giving vital signs after birth (breathing, i.e. heartbeat), even for the shortest time, regardless the mother's pregnancy duration.

### Deaths

Absolute number of deaths in the course of a year. Deceased is a person that whenever after having been born live, shows permanently stopped vital signs.

### Natural increase

Natural population increase is the number of live births minus the number of deaths.

### Infants deaths

Absolute number of infants deaths in the course of a year. Deceased infant is a child that after having been born live and before aged one year, shows permanently stopped vital signs.

### Livebirths, per 1 000 population

Livebirths rate is the ratio of the number of live births and the population size in the respective year. The number of live births is divided by the population size and then multiplied by 1000.

### Deaths, per 1 000 population

General mortality rate represents the ratio between the number of deaths and the population size in the respective year. The number of deaths is divided by population size and then multiplied by 1000.

### Natural increase, per 1 000 population

Natural population increase rate is the difference between the number of live births and the number of deaths, in relation to the population size in the respective year.

Natural population increase rate = (number of live births - number of deaths) / population size \* 1000

### Infants deaths, per 1 000 livebirths

Infant mortality rate is the ratio of deceased children under 1 year of age and live births in the respective year. The mortality rate is expressed per 1000 live births.

Infant mortality rate = (number of deceased children under 1 year of age / number of live births) \* 1000

## Additional info:



Download all database data in Excel format:

[Data](#)



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DevInfo online database:

[devinfo.stat.gov.rs/vitalna](http://devinfo.stat.gov.rs/vitalna)



For additional information or questions please contact:

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