

Natural changes of population 2011 – 2024

Profile
July 2025

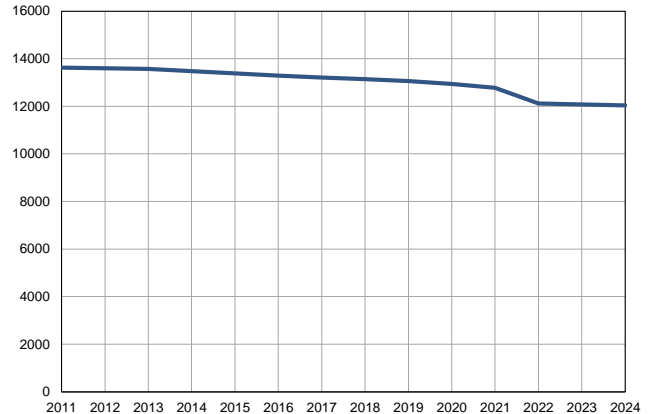
Kostolac¹

	2011	2024
Population size*	13622	12042
Livebirths, Number	138	116
Deaths, Number	166	169
Natural increase, Number	-28	-53
Infants deaths, Number	0	0
Livebirths, per 1,000 population	10	10
Deaths, per 1,000 population	12	14
Natural increase, per 1,000 population	-2	-4
Infants deaths, per 1,000 livebirths	0	0

Source: Vital Statistics, * Population estimates, SORS

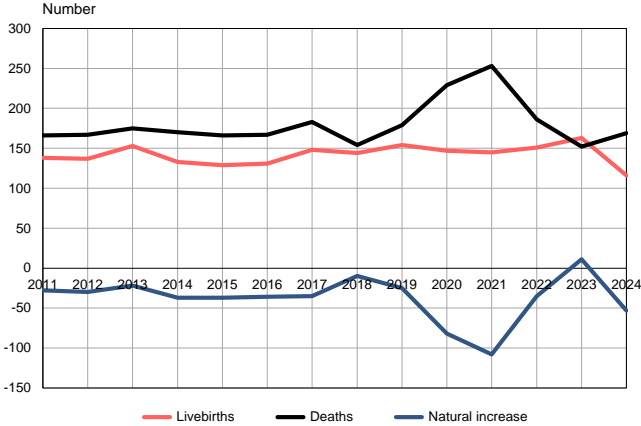
¹ The municipality was established in 2011

Population size, 2011–2024



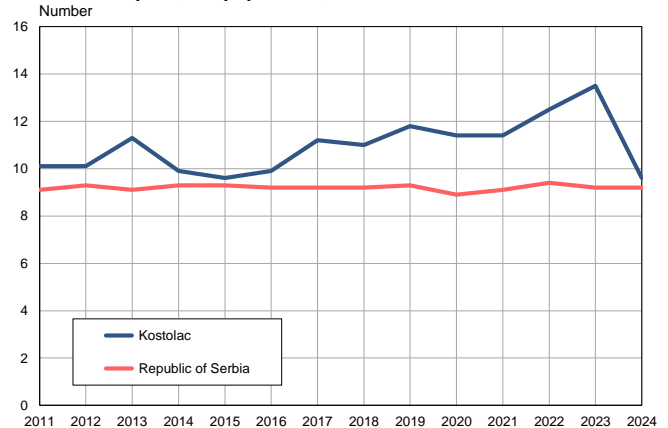
Source: Population estimates, SORS

Livebirths, deaths and natural increase, 2011–2024



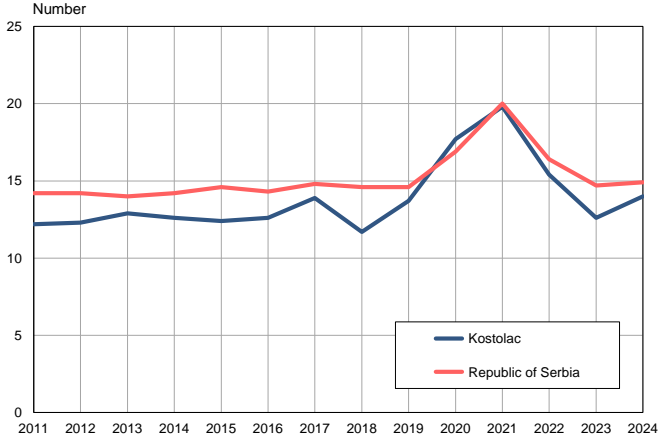
Source: Vital Statistics, SORS

Livebirths per 1,000 population, 2011–2024



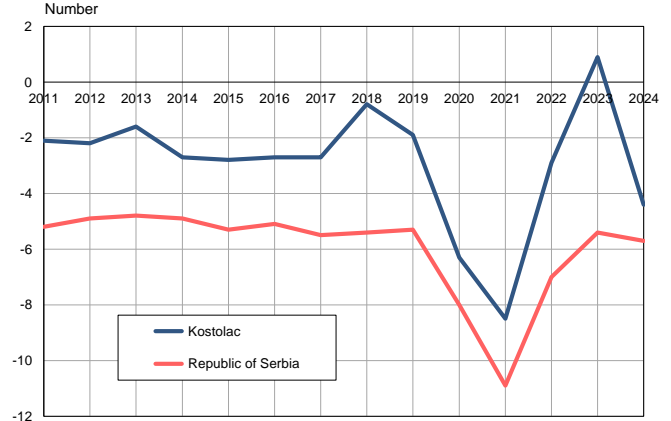
Source: Vital Statistics, SORS

Deaths per 1,000 population, 2011–2024



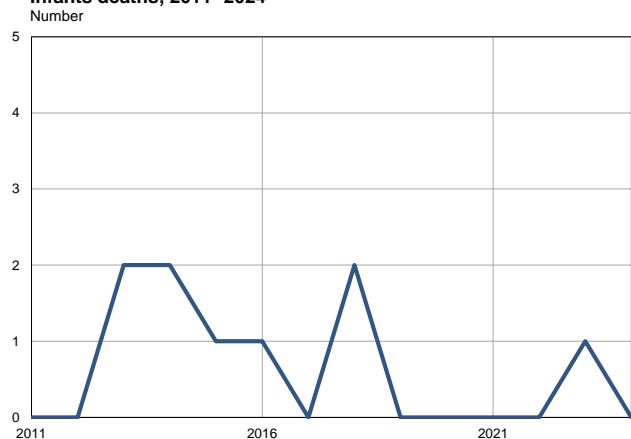
Source: Vital Statistics, SORS

Natural increase per 1,000 population, 2011–2024



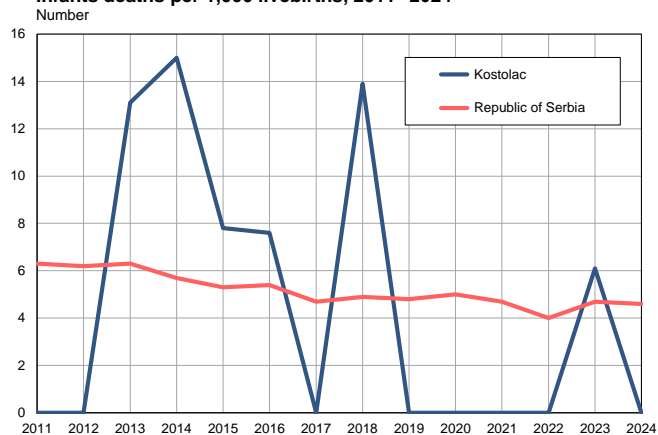
Source: Vital Statistics, SORS

Infants deaths, 2011–2024



Source: Vital Statistics, SORS

Infants deaths per 1,000 livebirths, 2011–2024



Source: Vital Statistics, SORS

Table. Natural changes of population, Kostolac

Year	Population size*	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
2011	13622	138	166	-28	0	10.1	12.2	-2.1	0.0
2012	13600	137	167	-30	0	10.1	12.3	-2.2	0.0
2013	13566	153	175	-22	2	11.3	12.9	-1.6	13.1
2014	13478	133	170	-37	2	9.9	12.6	-2.7	15.0
2015	13379	129	166	-37	1	9.6	12.4	-2.8	7.8
2016	13285	131	167	-36	1	9.9	12.6	-2.7	7.6
2017	13205	148	183	-35	0	11.2	13.9	-2.7	0.0
2018	13141	144	154	-10	2	11.0	11.7	-0.8	13.9
2019	13057	154	179	-25	0	11.8	13.7	-1.9	0.0
2020	12939	147	229	-82	0	11.4	17.7	-6.3	0.0
2021	12772	145	253	-108	0	11.4	19.8	-8.5	0.0
2022	12117	151	186	-35	0	12.5	15.4	-2.9	0.0
2023	12077	163	152	11	1	13.5	12.6	0.9	6.1
2024	12042	116	169	-53	0	9.6	14.0	-4.4	0.0

Source: Vital Statistics, * Population estimates, 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](#)



DevInfo profiles:

devinfo.stat.gov.rs/SerbiaProfileLauncher/?lang=en



DevInfo online database:

devinfo.stat.gov.rs/vitalna



For additional information or questions please contact:

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