

## Natural changes of population 1961 – 2022

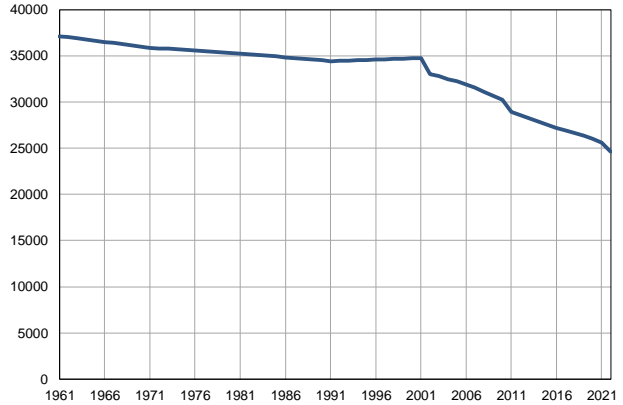
Profile  
July 2023

# Bogatić

	1961	2022
Population size	37141	24624
Livebirths, Number	582	231
Deaths, Number	399	461
Natural increase, Number	183	-230
Infants deaths, Number	29	0
Livebirths, per 1,000 population	16	9
Deaths, per 1,000 population	11	19
Natural increase, per 1,000 population	5	-9
Infants deaths, per 1,000 livebirths	50	0

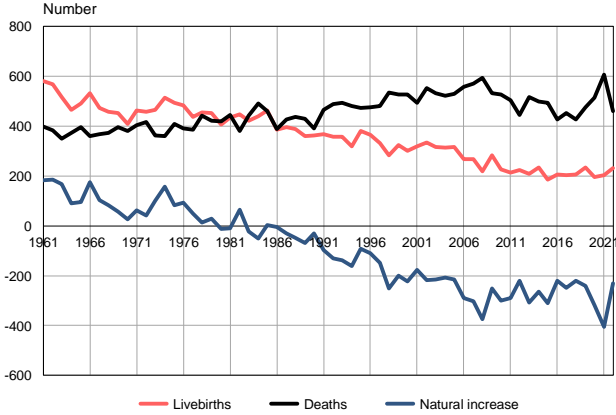
Source: Vital Statistics, SORS

Population size, 1961–2022



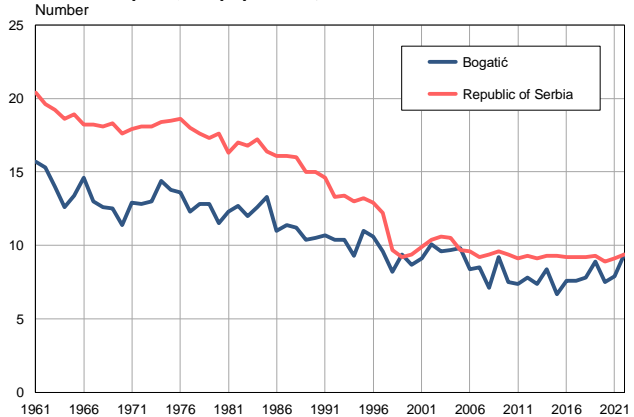
Source: Vital Statistics, SORS

Livebirths, deaths and natural increase, 1961–2022



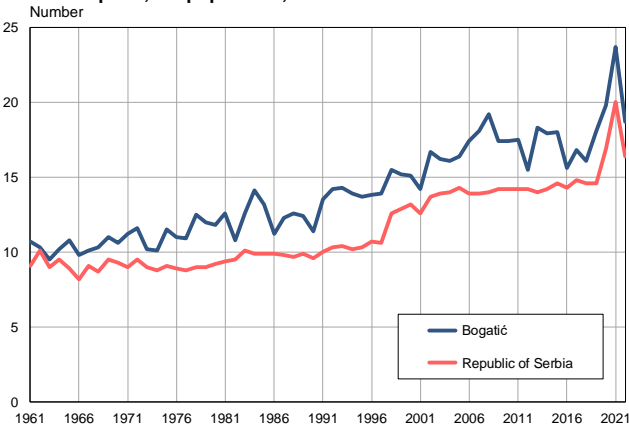
Source: Vital Statistics, SORS

Livebirths per 1,000 population, 1961–2022



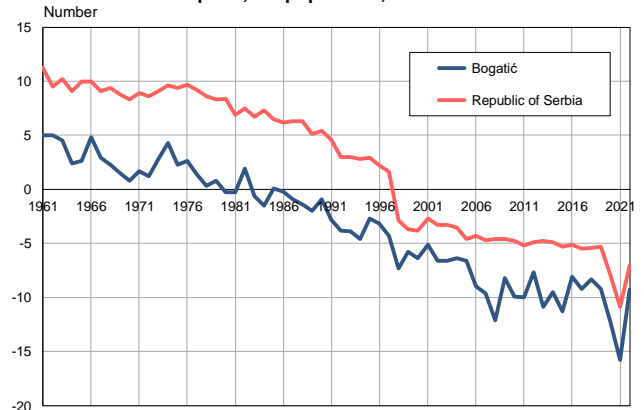
Source: Vital Statistics, SORS

Deaths per 1,000 population, 1961–2022



Source: Vital Statistics, SORS

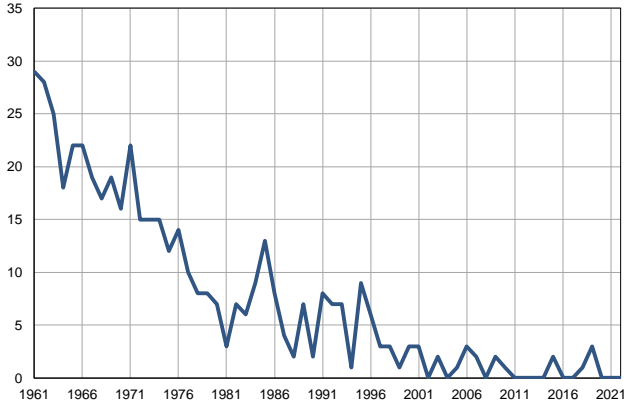
Natural increase per 1,000 population, 1961–2022



Source: Vital Statistics, SORS

**Infants deaths, 1961–2022**

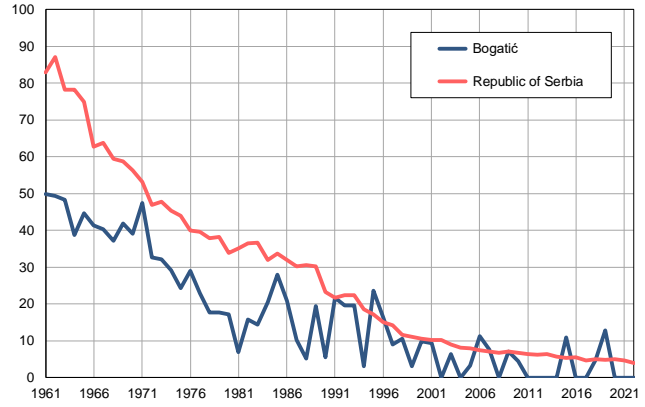
Number



Source: Vital Statistics, SORS

**Infants deaths per 1,000 livebirths, 1961–2022**

Number



Source: Vital Statistics, SORS

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

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
1961	37141	582	399	183	29	15.7	10.7	5.0	49.8
1962	37015	568	383	185	28	15.3	10.3	5.0	49.3
1963	36889	518	351	167	25	14.0	9.5	4.5	48.3
1964	36763	465	374	91	18	12.6	10.2	2.4	38.7
1965	36637	492	396	96	22	13.4	10.8	2.6	44.7
1966	36512	533	359	174	22	14.6	9.8	4.8	41.3
1967	36386	472	368	104	19	13.0	10.1	2.9	40.3
1968	36260	457	373	84	17	12.6	10.3	2.3	37.2
1969	36134	453	397	56	19	12.5	11.0	1.5	41.9
1970	36008	409	382	27	16	11.4	10.6	0.8	39.1
1971	35882	464	403	61	22	12.9	11.2	1.7	47.4
1972	35819	459	417	42	15	12.8	11.6	1.2	32.7
1973	35757	466	364	102	15	13.0	10.2	2.8	32.2
1974	35694	515	359	156	15	14.4	10.1	4.3	29.1
1975	35632	493	409	84	12	13.8	11.5	2.3	24.3
1976	35569	484	390	94	14	13.6	11.0	2.6	28.9
1977	35506	436	387	49	10	12.3	10.9	1.4	22.9
1978	35444	455	442	13	8	12.8	12.5	0.3	17.6
1979	35381	452	423	29	8	12.8	12.0	0.8	17.7
1980	35319	406	418	-12	7	11.5	11.8	-0.3	17.2
1981	35256	435	444	-9	3	12.3	12.6	-0.3	6.9
1982	35174	447	381	66	7	12.7	10.8	1.9	15.7
1983	35092	421	443	-22	6	12.0	12.6	-0.6	14.3
1984	35011	441	492	-51	9	12.6	14.1	-1.5	20.4
1985	34929	464	460	4	13	13.3	13.2	0.1	28.0
1986	34847	385	389	-4	8	11.0	11.2	-0.2	20.8
1987	34766	397	427	-30	4	11.4	12.3	-0.9	10.1
1988	34683	388	436	-48	2	11.2	12.6	-1.4	5.2
1989	34602	361	430	-69	7	10.4	12.4	-2.0	19.4
1990	34520	363	392	-29	2	10.5	11.4	-0.9	5.5
1991	34438	369	465	-96	8	10.7	13.5	-2.8	21.7
1992	34473	358	489	-131	7	10.4	14.2	-3.8	19.6
1993	34507	358	495	-137	7	10.4	14.3	-3.9	19.6
1994	34542	320	481	-161	1	9.3	13.9	-4.6	3.1
1995	34577	381	473	-92	9	11.0	13.7	-2.7	23.6
1996	34611	366	476	-110	6	10.6	13.8	-3.2	16.4
1997	34646	333	482	-149	3	9.6	13.9	-4.3	9.0
1998	34680	284	536	-252	3	8.2	15.5	-7.3	10.6
1999	34715	325	526	-201	1	9.4	15.2	-5.8	3.1
2000	34750	302	526	-224	3	8.7	15.1	-6.4	9.9
2001	34784	318	494	-176	3	9.1	14.2	-5.1	9.4
2002	32997	334	552	-218	0	10.1	16.7	-6.6	0.0
2003	32777	316	532	-216	2	9.6	16.2	-6.6	6.3
2004	32494	315	523	-208	0	9.7	16.1	-6.4	0.0
2005	32225	316	530	-214	1	9.8	16.4	-6.6	3.2

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

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
2006	31941	268	557	-289	3	8.4	17.4	-9.0	11.2
2007	31551	267	570	-303	2	8.5	18.1	-9.6	7.5
2008	31066	220	595	-375	0	7.1	19.2	-12.1	0.0
2009	30639	283	533	-250	2	9.2	17.4	-8.2	7.1
2010	30262	227	526	-299	1	7.5	17.4	-9.9	4.4
2011	28927	215	505	-290	0	7.4	17.5	-10.0	0.0
2012	28558	223	444	-221	0	7.8	15.5	-7.7	0.0
2013	28209	209	516	-307	0	7.4	18.3	-10.9	0.0
2014	27881	235	500	-265	0	8.4	17.9	-9.5	0.0
2015	27542	185	495	-310	2	6.7	18.0	-11.3	10.8
2016	27228	206	426	-220	0	7.6	15.6	-8.1	0.0
2017	26941	204	453	-249	0	7.6	16.8	-9.2	0.0
2018	26630	207	428	-221	1	7.8	16.1	-8.3	4.8
2019	26337	235	477	-242	3	8.9	18.1	-9.2	12.8
2020	26024	196	514	-318	0	7.5	19.8	-12.3	0.0
2021	25630	203	608	-405	0	7.9	23.7	-15.8	0.0
2022	24624	231	461	-230	0	9.4	18.7	-9.3	0.0

Source: Vital Statistics, SORS

## Definitions

### Population size

Number of population in the respective year. The data on the number of population in 1961, 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:

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For additional information or questions please contact:

[devinfo@stat.gov.rs](mailto:devinfo@stat.gov.rs)