

## Natural changes of population 1961 – 2020

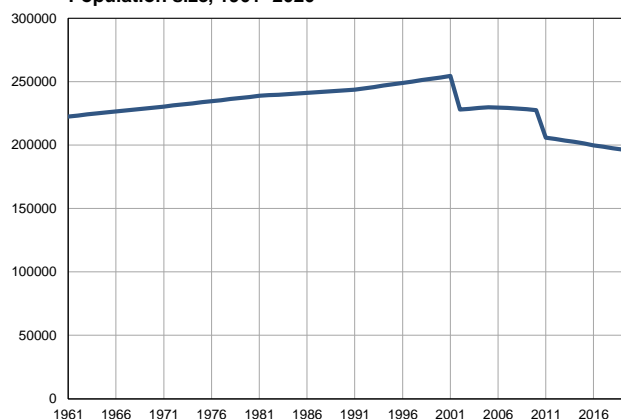
Profile  
July 2021

### Pčinja

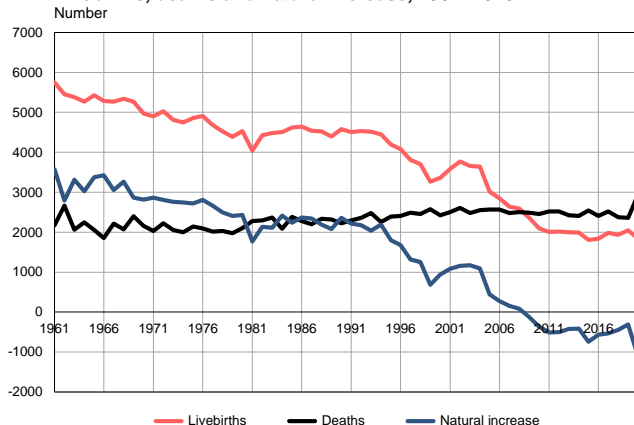
	1961	2020
Population size	222520	195041
Livebirths, Number	5747	1837
Deaths, Number	2172	2948
Natural increase, Number	3575	-1111
Infants deaths, Number	551	14
Livebirths, per 1,000 population	26	9
Deaths, per 1,000 population	10	15
Natural increase, per 1,000 population	16	-6
Infants deaths, per 1,000 livebirths	96	8

Source: Vital Statistics, SORS

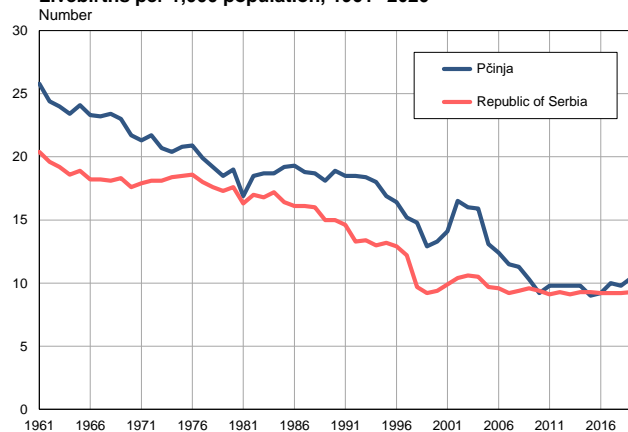
Population size, 1961–2020



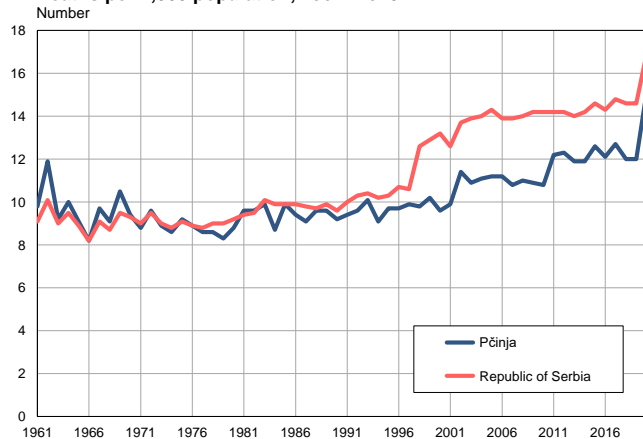
Livebirths, deaths and natural increase, 1961–2020



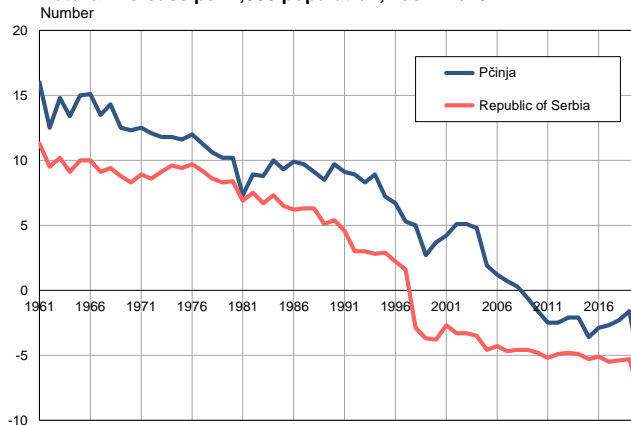
Livebirths per 1,000 population, 1961–2020



Deaths per 1,000 population, 1961–2020

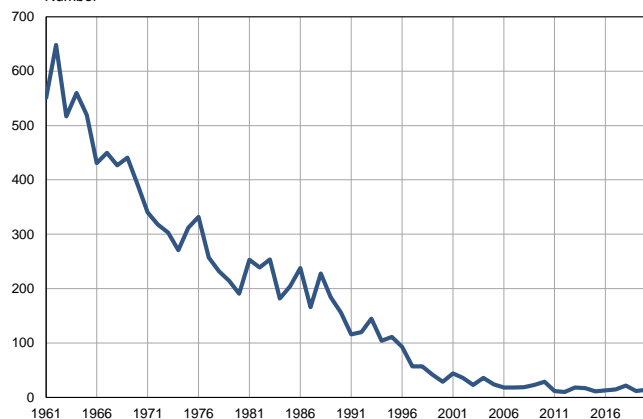


Natural increase per 1,000 population, 1961–2020



**Infants deaths, 1961–2020**

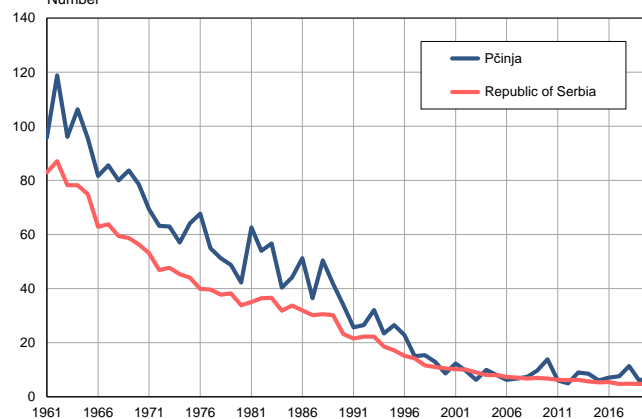
Number



Source: Vital Statistics, SORS

**Infants deaths per 1,000 livebirths, 1961–2020**

Number



Source: Vital Statistics, SORS

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

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
1961	222520	5747	2172	3575	551	25.8	9.8	16.0	95.9
1962	223305	5454	2664	2790	648	24.4	11.9	12.5	118.8
1963	224091	5380	2064	3316	517	24.0	9.2	14.8	96.1
1964	224876	5267	2243	3024	560	23.4	10.0	13.4	106.3
1965	225661	5432	2052	3380	519	24.1	9.1	15.0	95.5
1966	226447	5282	1855	3427	431	23.3	8.2	15.1	81.6
1967	227232	5266	2211	3055	450	23.2	9.7	13.5	85.5
1968	228017	5337	2074	3263	427	23.4	9.1	14.3	80.0
1969	228802	5268	2402	2866	441	23.0	10.5	12.5	83.7
1970	229588	4974	2158	2816	391	21.7	9.4	12.3	78.6
1971	230373	4896	2033	2863	340	21.3	8.8	12.5	69.4
1972	231211	5028	2221	2807	318	21.7	9.6	12.1	63.2
1973	232049	4812	2056	2756	303	20.7	8.9	11.8	63.0
1974	232887	4748	2002	2746	271	20.4	8.6	11.8	57.1
1975	233725	4862	2145	2717	312	20.8	9.2	11.6	64.2
1976	234563	4906	2097	2809	332	20.9	8.9	12.0	67.7
1977	235401	4685	2018	2667	257	19.9	8.6	11.3	54.9
1978	236239	4524	2028	2496	232	19.2	8.6	10.6	51.3
1979	237077	4385	1977	2408	214	18.5	8.3	10.2	48.8
1980	237915	4531	2100	2431	191	19.0	8.8	10.2	42.2
1981	238753	4043	2281	1762	253	16.9	9.6	7.3	62.6
1982	239231	4424	2293	2131	239	18.5	9.6	8.9	54.0
1983	239708	4481	2368	2113	254	18.7	9.9	8.8	56.7
1984	240186	4503	2090	2413	182	18.7	8.7	10.0	40.4
1985	240663	4619	2382	2237	204	19.2	9.9	9.3	44.2
1986	241141	4646	2276	2370	238	19.3	9.4	9.9	51.2
1987	241619	4542	2200	2342	166	18.8	9.1	9.7	36.5
1988	242096	4526	2333	2193	228	18.7	9.6	9.1	50.4
1989	242574	4398	2322	2076	184	18.1	9.6	8.5	41.8
1990	243051	4583	2224	2359	156	18.9	9.2	9.7	34.0
1991	243529	4508	2291	2217	116	18.5	9.4	9.1	25.7
1992	244617	4530	2358	2172	120	18.5	9.6	8.9	26.5
1993	245706	4517	2479	2038	145	18.4	10.1	8.3	32.1
1994	246794	4449	2256	2193	104	18.0	9.1	8.9	23.4
1995	247882	4191	2393	1798	111	16.9	9.7	7.2	26.5
1996	248970	4083	2405	1678	93	16.4	9.7	6.7	22.8
1997	250059	3806	2487	1319	57	15.2	9.9	5.3	15.0
1998	251147	3708	2459	1249	57	14.8	9.8	5.0	15.4
1999	252235	3265	2579	686	42	12.9	10.2	2.7	12.9
2000	253323	3364	2424	940	29	13.3	9.6	3.7	8.6
2001	254412	3588	2506	1082	44	14.1	9.9	4.2	12.3
2002	227962	3767	2608	1159	36	16.5	11.4	5.1	9.6
2003	228574	3657	2483	1174	23	16.0	10.9	5.1	6.3
2004	229361	3644	2553	1091	36	15.9	11.1	4.8	9.9
2005	229707	3013	2571	442	24	13.1	11.2	1.9	8.0

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

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
2006	229596	2844	2571	273	18	12.4	11.2	1.2	6.3
2007	229200	2637	2480	157	18	11.5	10.8	0.7	6.8
2008	228704	2593	2507	86	19	11.3	11.0	0.3	7.3
2009	228254	2361	2486	-125	23	10.3	10.9	-0.6	9.7
2010	227554	2091	2456	-365	29	9.2	10.8	-1.6	13.9
2011	205811	2008	2521	-513	12	9.8	12.2	-2.5	6.0
2012	204748	2015	2521	-506	10	9.8	12.3	-2.5	5.0
2013	203577	2001	2422	-421	18	9.8	11.9	-2.1	9.0
2014	202425	1993	2404	-411	17	9.8	11.9	-2.1	8.5
2015	201170	1803	2544	-741	11	9.0	12.6	-3.6	6.1
2016	199849	1840	2410	-570	13	9.2	12.1	-2.9	7.1
2017	198671	1980	2518	-538	15	10.0	12.7	-2.7	7.6
2018	197538	1931	2378	-447	22	9.8	12.0	-2.3	11.4
2019	196431	2050	2361	-311	12	10.4	12.0	-1.6	5.9
2020	195041	1837	2948	-1111	14	9.4	15.1	-5.7	7.6

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:



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