

# Natural changes of population 1961 – 2022

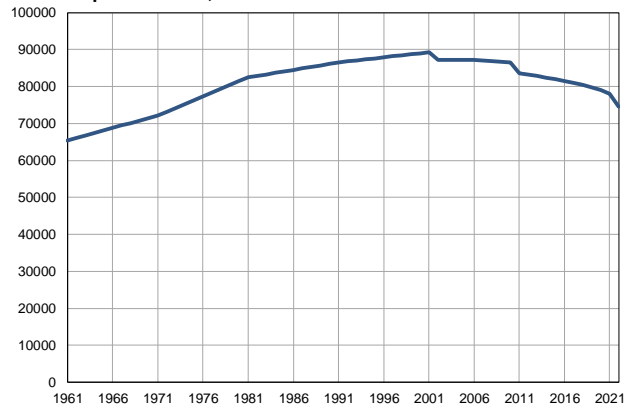
Profile  
July 2023

## City of Vranje

	1961	2022
Population size	65367	74631
Livebirths, Number	1547	643
Deaths, Number	605	1142
Natural increase, Number	942	-499
Infants deaths, Number	132	2
Livebirths, per 1,000 population	24	9
Deaths, per 1,000 population	9	15
Natural increase, per 1,000 population	14	-7
Infants deaths, per 1,000 livebirths	85	3

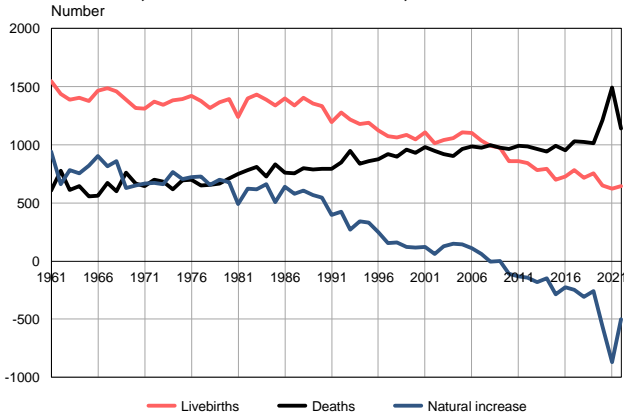
Source: Vital Statistics, SORS

Population size, 1961–2022



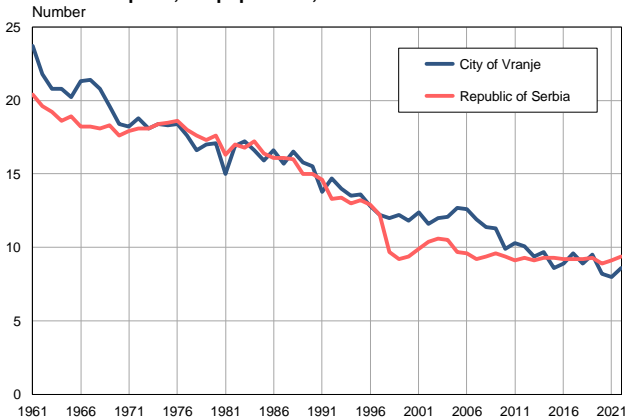
Source: Vital Statistics, SORS

Livebirths, deaths and natural increase, 1961–2022



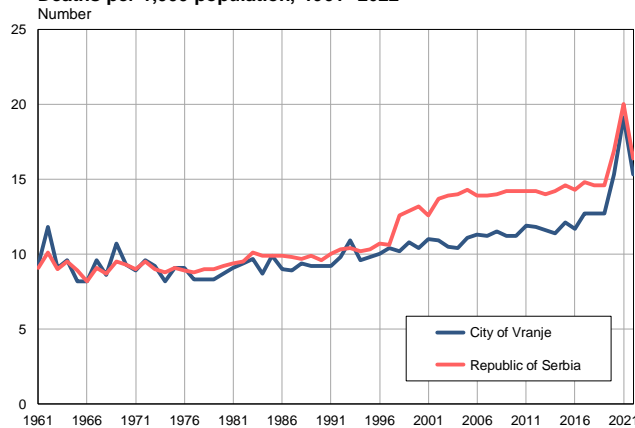
Source: Vital Statistics, SORS

Livebirths per 1,000 population, 1961–2022



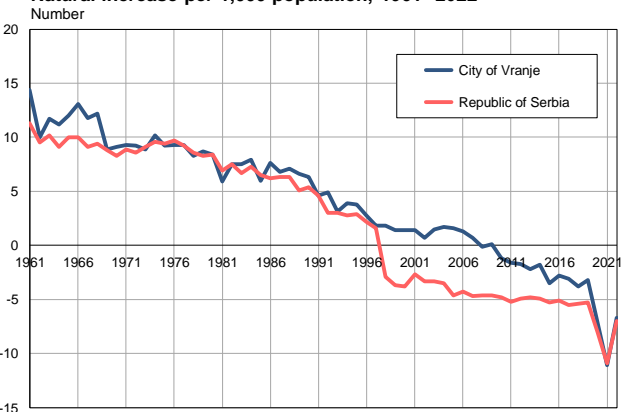
Source: Vital Statistics, SORS

Deaths per 1,000 population, 1961–2022



Source: Vital Statistics, SORS

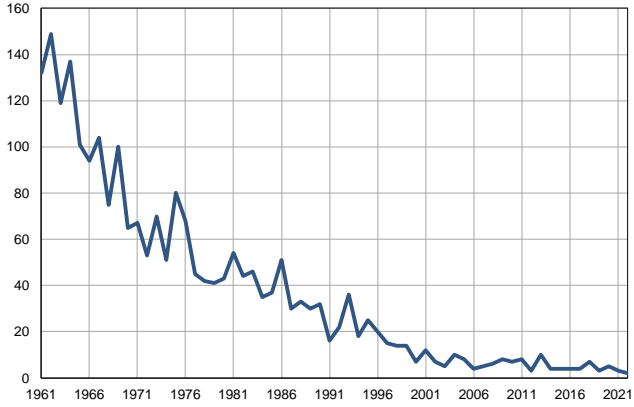
Natural increase per 1,000 population, 1961–2022



Source: Vital Statistics, SORS

**Infants deaths, 1961–2022**

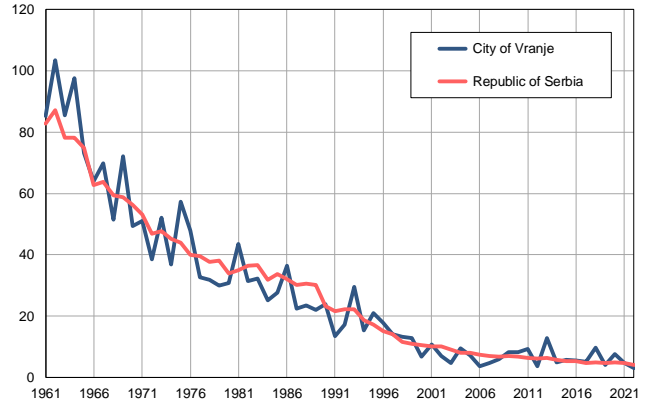
Number



Source: Vital Statistics, SORS

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

Number



Source: Vital Statistics, SORS

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

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
1961	65367	1547	605	942	132	23.7	9.3	14.4	85.3
1962	66050	1439	777	662	149	21.8	11.8	10.0	103.5
1963	66735	1390	609	781	119	20.8	9.1	11.7	85.6
1964	67420	1403	647	756	137	20.8	9.6	11.2	97.6
1965	68103	1379	559	820	101	20.2	8.2	12.0	73.2
1966	68788	1467	562	905	94	21.3	8.2	13.1	64.1
1967	69472	1487	670	817	104	21.4	9.6	11.8	69.9
1968	70156	1459	602	857	75	20.8	8.6	12.2	51.4
1969	70840	1387	760	627	100	19.6	10.7	8.9	72.1
1970	71524	1316	667	649	65	18.4	9.3	9.1	49.4
1971	72208	1313	645	668	67	18.2	8.9	9.3	51.0
1972	73240	1374	701	673	53	18.8	9.6	9.2	38.6
1973	74272	1343	681	662	70	18.1	9.2	8.9	52.1
1974	75304	1382	615	767	51	18.4	8.2	10.2	36.9
1975	76336	1395	692	703	80	18.3	9.1	9.2	57.3
1976	77368	1421	701	720	68	18.4	9.1	9.3	47.9
1977	78399	1377	649	728	45	17.6	8.3	9.3	32.7
1978	79431	1315	658	657	42	16.6	8.3	8.3	31.9
1979	80463	1366	665	701	41	17.0	8.3	8.7	30.0
1980	81495	1391	713	678	43	17.1	8.7	8.4	30.9
1981	82527	1240	747	493	54	15.0	9.1	5.9	43.5
1982	82926	1400	780	620	44	16.9	9.4	7.5	31.4
1983	83325	1430	812	618	46	17.2	9.7	7.5	32.2
1984	83724	1389	728	661	35	16.6	8.7	7.9	25.2
1985	84123	1337	832	505	37	15.9	9.9	6.0	27.7
1986	84523	1400	761	639	51	16.6	9.0	7.6	36.4
1987	84922	1336	757	579	30	15.7	8.9	6.8	22.5
1988	85321	1406	801	605	33	16.5	9.4	7.1	23.5
1989	85720	1356	790	566	30	15.8	9.2	6.6	22.1
1990	86119	1335	791	544	32	15.5	9.2	6.3	24.0
1991	86518	1194	795	399	16	13.8	9.2	4.6	13.4
1992	86797	1275	851	424	22	14.7	9.8	4.9	17.3
1993	87077	1217	945	272	36	14.0	10.9	3.1	29.6
1994	87356	1180	838	342	18	13.5	9.6	3.9	15.3
1995	87635	1190	859	331	25	13.6	9.8	3.8	21.0
1996	87915	1125	876	249	20	12.8	10.0	2.8	17.8
1997	88194	1073	918	155	15	12.2	10.4	1.8	14.0
1998	88474	1063	900	163	14	12.0	10.2	1.8	13.2
1999	88753	1084	960	124	14	12.2	10.8	1.4	12.9
2000	89032	1048	929	119	7	11.8	10.4	1.4	6.7
2001	89312	1107	983	124	12	12.4	11.0	1.4	10.8
2002	87251	1011	948	63	7	11.6	10.9	0.7	6.9
2003	87190	1043	918	125	5	12.0	10.5	1.5	4.8
2004	87234	1055	904	151	10	12.1	10.4	1.7	9.5
2005	87215	1109	965	144	8	12.7	11.1	1.6	7.2

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

Year	Number of population	Livebirths	Deaths	Natural increase	Infants deaths	per 1000 population			Infant deaths per 1000 livebirths
						Livebirths	Deaths	Natural increase	
2006	87174	1101	988	113	4	12.6	11.3	1.3	3.6
2007	87095	1035	974	61	5	11.9	11.2	0.7	4.8
2008	86950	993	997	-4	6	11.4	11.5	-0.1	6.0
2009	86753	976	973	3	8	11.3	11.2	0.1	8.2
2010	86451	857	964	-107	7	9.9	11.2	-1.2	8.2
2011	83551	860	992	-132	8	10.3	11.9	-1.6	9.3
2012	83241	844	986	-142	3	10.1	11.8	-1.7	3.6
2013	82845	780	963	-183	10	9.4	11.6	-2.2	12.8
2014	82425	796	943	-147	4	9.7	11.4	-1.8	5.0
2015	81986	702	989	-287	4	8.6	12.1	-3.5	5.7
2016	81468	726	953	-227	4	8.9	11.7	-2.8	5.5
2017	80961	780	1029	-249	4	9.6	12.7	-3.1	5.1
2018	80402	719	1025	-306	7	8.9	12.7	-3.8	9.7
2019	79782	756	1014	-258	3	9.5	12.7	-3.2	4.0
2020	79068	648	1211	-563	5	8.2	15.3	-7.1	7.7
2021	78094	622	1491	-869	3	8.0	19.1	-11.1	4.8
2022	74631	643	1142	-499	2	8.6	15.3	-6.7	3.1

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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[Data](#)



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For additional information or questions please contact:

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