

Summary of vital statistics (rates)

Year <sup>1)</sup>	Live birth rate (per 1,000 population)	Death rate (per 1,000 population)	Infant mortality rate (per 1,000 live births)	Neonatal mortality <sup>2)</sup> rate (per 1,000 live births)	Natural change rate (per 1,000 population)	Foetal death rate <sup>3)</sup> (per 1,000 total births <sup>4)</sup> )			Perinatal death rate (per 1,000 total births <sup>5)</sup> )	Foetal death rate at 22 completed weeks and over of gestation (per 1,000 total births <sup>5)</sup> )	Early neonatal death rate (under 1 week) (per 1,000 live births)	Marriage rate (per 1,000 population)	Divorce rate (per 1,000 population)	Total <sup>6)</sup> fertility rate	Year <sup>1)</sup>
						Total	Spontaneous	Artificial							
1899	32.0	21.5	153.8	77.9	10.5	89.1	...	...	...	...	6.9	1.53	...	1899	
1900	32.4	20.8	155.0	79.0	11.6	88.5	...	...	...	...	7.9	1.46	...	1900	
01	33.9	20.9	149.9	77.1	13.0	93.8	...	...	...	...	8.5	1.43	...	01	
02	33.6	21.3	154.0	77.2	12.3	94.5	...	...	...	...	8.8	1.43	...	02	
03	32.7	20.4	152.4	75.8	12.3	93.6	...	...	...	...	8.1	1.44	...	03	
04	31.2	20.7	151.9	73.9	10.5	92.6	...	...	...	...	8.6	1.39	...	04	
05	31.2	21.6	151.7	71.2	9.6	89.1	...	...	...	...	7.5	1.29	...	05	
06	29.6	20.3	153.6	75.5	9.3	97.0	...	...	...	...	7.5	1.39	...	06	
07	34.0	21.4	151.3	73.5	12.6	89.6	...	...	...	...	9.1	1.29	...	07	
08	34.7	21.5	158.0	74.5	13.2	89.1	...	...	...	...	9.6	1.26	...	08	
09	34.9	22.5	167.3	76.5	12.4	87.1	...	...	...	...	9.0	1.21	...	09	
1910	34.8	21.6	161.2	74.1	13.2	84.2	...	...	...	...	9.0	1.21	...	1910	
11	35.1	20.9	158.4	72.8	14.1	81.6	...	...	...	...	8.7	1.16	...	11	
12	34.4	20.5	154.2	71.3	13.9	78.3	...	...	...	...	8.5	1.17	...	12	
13	34.3	20.0	152.1	70.7	14.2	77.6	...	...	...	...	8.4	1.16	...	13	
14	34.8	21.2	158.5	69.5	13.6	74.6	...	...	...	...	8.7	1.15	...	14	
15	34.1	20.7	160.4	69.7	13.4	72.8	...	...	...	...	8.4	1.14	...	15	
16	33.7	22.2	170.3	73.1	11.5	72.0	...	...	...	...	8.1	1.13	...	16	
17	33.5	22.2	173.2	77.1	11.3	71.9	...	...	...	...	8.3	1.03	...	17	
18	32.7	27.3	188.6	81.3	5.5	73.7	...	...	...	...	9.1	1.03	...	18	
19	32.3	23.3	170.5	72.6	9.0	69.5	...	...	...	...	8.7	1.03	...	19	
1920	36.2	25.4	165.7	69.0	10.8	66.4	...	...	...	...	9.8	0.99	...	1920	
21	35.1	22.7	168.3	68.5	12.4	65.0	...	...	...	...	9.2	0.94	...	21	
22	34.3	22.4	166.4	67.5	11.9	62.9	...	...	...	...	9.0	0.92	...	22	
23	35.2	22.9	163.4	66.3	12.2	61.5	...	...	...	...	8.8	0.88	...	23	
24	33.9	21.3	156.2	63.2	12.6	59.2	...	...	...	...	8.7	0.88	...	24	
25	34.9	20.3	142.4	58.1	14.7	56.3	...	...	...	...	8.7	0.87	...	25	
26	34.6	19.1	137.5	56.9	15.5	55.7	...	...	...	...	8.3	0.83	...	26	
27	33.4	19.7	141.7	56.4	13.7	53.7	...	...	...	...	7.9	0.82	...	27	
28	34.1	19.8	137.6	54.2	14.4	53.3	...	...	...	...	8.0	0.78	...	28	
29	32.7	19.9	142.1	55.4	12.9	53.3	...	...	...	...	7.8	0.81	...	29	
1930	32.4	18.2	124.1	49.9	14.2	53.4	...	...	...	...	7.9	0.80	...	1930	
31	32.1	19.0	131.5	51.7	13.2	52.5	...	...	...	...	7.6	0.77	...	31	
32	32.9	17.7	117.5	47.9	15.2	51.9	...	...	...	...	7.8	0.77	...	32	
33	31.5	17.7	121.3	48.5	13.8	51.1	...	...	...	...	7.2	0.73	...	33	
34	29.9	18.1	124.8	50.6	11.8	52.4	...	...	...	...	7.5	0.71	...	34	
35	31.6	16.8	106.7	44.7	14.9	50.1	...	...	...	...	8.0	0.70	...	35	
36	30.0	17.5	116.7	48.1	12.4	50.2	...	...	...	...	7.8	0.66	...	36	
37	30.9	17.1	105.8	43.8	13.8	48.6	...	...	...	...	9.5	0.66	...	37	
38	27.2	17.7	114.4	46.2	9.4	49.1	...	...	...	...	7.6	0.63	...	38	
39	26.6	17.8	106.2	44.3	8.9	49.2	...	...	...	...	7.8	0.64	...	39	
1940	29.4	16.5	90.0	38.7	12.9	46.0	...	...	...	...	9.3	0.68	...	1940	
41	31.8	16.0	84.1	34.2	15.7	43.4	...	...	...	...	11.0	0.69	...	41	
42	30.9	16.1	85.5	34.1	14.7	41.0	...	...	...	...	9.4	0.64	...	42	
43	30.9	16.7	86.6	33.8	14.3	39.6	...	...	...	...	10.2	0.68	...	43	
1947	34.3	14.6	76.7	31.4	19.7	44.2	...	...	...	...	12.0	1.02	4.54	1947	
48	33.5	11.9	61.7	27.5	21.6	50.9	36.9	10.9	...	...	11.9	0.99	4.40	48	
49	33.0	11.6	62.5	26.9	21.4	66.7	39.1	25.9	...	...	10.3	1.01	4.32	49	

Summary of vital statistics (rates)

Year <sup>1)</sup>	Live birth rate (per 1,000 population)	Death rate (per 1,000 population)	Infant mortality rate (per 1,000 live births)	Neonatal mortality <sup>2)</sup> rate (per 1,000 live births)	Natural change rate (per 1,000 population)	Foetal death rate <sup>3)</sup> (per 1,000 total births <sup>4)</sup> )			Perinatal death rate (per 1,000 total births <sup>5)</sup> )	Foetal death rate at 22 completed weeks and over of gestation (per 1,000 total births <sup>5)</sup> )	Early neonatal death rate (under 1 week) (per 1,000 live births)	Marriage rate (per 1,000 population)	Divorce rate (per 1,000 population)	Total <sup>6)</sup> fertility rate	Year <sup>1)</sup>
						Total	Spontaneous	Artificial							
1950	28.1	10.9	60.1	27.4	17.2	84.9	41.7	43.2	...	...	15.1	8.6	1.01	3.65	1950
51	25.3	9.9	57.5	27.5	15.4	92.2	43.0	49.3	...	...	15.3	7.9	0.97	3.26	51
52	23.4	8.9	49.4	25.4	14.4	92.3	42.8	49.5	...	...	14.3	7.9	0.92	2.98	52
53	21.5	8.9	48.9	25.5	12.6	93.8	43.5	50.2	...	...	14.3	7.8	0.86	2.69	53
54	20.0	8.2	44.6	24.1	11.9	95.6	44.6	51.1	...	...	13.7	7.9	0.87	2.48	54
55	19.4	7.8	39.8	22.3	11.6	95.8	44.5	51.3	...	...	13.1	8.0	0.84	2.37	55
56	18.4	8.0	40.6	23.0	10.4	97.1	46.9	50.1	...	...	13.5	7.9	0.80	2.22	56
57	17.2	8.3	40.0	21.6	8.9	101.2	49.9	51.3	...	...	12.5	8.5	0.79	2.04	57
58	18.0	7.4	34.5	19.5	10.5	100.7	50.2	50.5	...	...	11.6	9.0	0.80	2.11	58
59	17.5	7.4	33.7	18.6	10.1	100.6	51.3	49.3	...	...	11.3	9.1	0.78	2.04	59
1960	17.2	7.6	30.7	17.0	9.6	100.4	52.3	48.1	...	...	10.6	9.3	0.74	2.00	1960
61	16.9	7.4	28.6	16.5	9.5	101.7	54.3	47.4	...	...	10.6	9.4	0.74	1.96	61
62	17.0	7.5	26.4	15.3	9.5	98.8	54.2	44.6	...	...	10.0	9.8	0.75	1.98	62
63	17.3	7.0	23.2	13.8	10.3	95.6	53.3	42.4	...	...	9.2	9.7	0.73	2.00	63
64	17.7	6.9	20.4	12.4	10.7	89.2	51.7	37.5	...	...	8.5	9.9	0.74	2.05	64
65	18.6	7.1	18.5	11.7	11.4	81.4	47.6	33.8	...	...	8.2	9.7	0.79	2.14	65
66	13.7	6.8	19.3	12.0	7.0	98.2	55.2	43.1	...	...	8.6	9.5	0.80	1.58	66
67	19.4	6.8	14.9	9.9	12.7	71.6	43.6	28.0	...	...	7.3	9.6	0.84	2.23	67
68	18.6	6.8	15.3	9.8	11.8	71.1	43.4	27.7	...	...	7.3	9.5	0.87	2.13	68
69	18.5	6.8	14.2	9.1	11.7	68.6	42.3	26.3	...	...	6.8	9.6	0.89	2.13	69
1970	18.8	6.9	13.1	8.7	11.8	65.3	40.6	24.7	...	...	6.6	10.0	0.93	2.13	1970
71	19.2	6.6	12.4	8.2	12.6	61.4	39.3	22.1	...	...	6.3	10.5	0.99	2.16	71
72	19.3	6.5	11.7	7.8	12.8	57.8	37.8	20.1	...	...	6.1	10.4	1.02	2.14	72
73	19.4	6.6	11.3	7.4	12.8	52.6	35.6	17.0	...	...	5.8	9.9	1.04	2.14	73
74	18.6	6.5	10.8	7.1	12.1	51.3	34.9	16.4	...	...	5.6	9.1	1.04	2.05	74
75	17.1	6.3	10.0	6.8	10.8	50.8	33.8	17.1	...	...	5.4	8.5	1.07	1.91	75
76	16.3	6.3	9.3	6.4	10.0	52.7	33.1	19.6	...	...	5.1	7.8	1.11	1.85	76
77	15.5	6.1	8.9	6.1	9.4	51.5	32.6	18.9	...	...	4.9	7.2	1.14	1.80	77
78	14.9	6.1	8.4	5.6	8.8	48.7	31.1	17.6	...	...	4.5	6.9	1.15	1.79	78
79	14.2	6.0	7.9	5.2	8.3	47.7	29.6	18.1	21.6	17.5	4.2	6.8	1.17	1.77	79
1980	13.6	6.2	7.5	4.9	7.3	46.8	28.8	18.0	20.2	16.4	3.9	6.7	1.22	1.75	1980
81	13.0	6.1	7.1	4.7	6.9	49.2	28.8	20.5	19.5	15.9	3.7	6.6	1.32	1.74	81
82	12.8	6.0	6.6	4.2	6.8	49.0	27.7	21.3	18.3	15.0	3.3	6.6	1.39	1.77	82
83	12.7	6.2	6.2	3.9	6.5	45.5	25.4	20.1	16.9	14.0	3.0	6.4	1.51	1.80	83
84	12.5	6.2	6.0	3.7	6.3	46.3	24.3	22.0	16.6	13.8	2.9	6.2	1.50	1.81	84
85	11.9	6.3	5.5	3.4	5.6	46.0	22.1	23.9	15.4	12.9	2.6	6.1	1.39	1.76	85
86	11.4	6.2	5.2	3.1	5.2	45.3	21.4	23.9	14.6	12.2	2.3	5.9	1.37	1.72	86
87	11.1	6.2	5.0	2.9	4.9	45.3	21.2	24.0	13.7	11.5	2.3	5.7	1.30	1.69	87
88	10.8	6.5	4.8	2.7	4.3	43.4	19.5	23.9	12.7	10.6	2.1	5.8	1.26	1.66	88
89	10.2	6.4	4.6	2.6	3.7	42.4	18.9	23.5	12.1	10.2	1.9	5.8	1.29	1.57	89
1990	10.0	6.7	4.6	2.6	3.3	42.3	18.3	23.9	11.1	9.2	1.9	5.9	1.28	1.54	1990
91	9.9	6.7	4.4	2.4	3.2	39.7	17.5	22.1	8.5	6.7	1.8	6.0	1.37	1.53	91
92	9.8	6.9	4.5	2.4	2.9	38.9	17.2	21.6	8.1	6.4	1.8	6.1	1.45	1.50	92
93	9.6	7.1	4.3	2.3	2.5	36.6	16.4	20.2	7.7	6.0	1.7	6.4	1.52	1.46	93
94	10.0	7.1	4.2	2.3	2.9	33.5	15.4	18.1	7.5	5.8	1.7	6.3	1.57	1.50	94
95	9.6	7.4	4.3	2.2	2.1	32.1	14.9	17.2	7.0	5.5	1.5	6.4	1.60	1.42	95
96	9.7	7.2	3.8	2.0	2.5	31.7	14.7	17.0	6.7	5.2	1.4	6.4	1.66	1.43	96
97	9.5	7.3	3.7	1.9	2.2	32.1	14.2	17.9	6.4	5.0	1.4	6.2	1.78	1.39	97
98	9.6	7.5	3.6	2.0	2.1	31.4	13.6	17.8	6.2	4.8	1.4	6.3	1.94	1.38	98

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						Total	Spontaneous	Artificial							
99	9.4	7.8	3.4	1.8	1.6	31.6	13.7	17.9	6.0	4.7	1.3	6.1	2.00	1.34	99
2000	9.5	7.7	3.2	1.8	1.8	31.2	13.2	18.1	5.8	4.5	1.3	6.4	2.10	1.36	2000
01	9.3	7.7	3.1	1.6	1.6	31.0	13.0	18.0	5.5	4.3	1.2	6.4	2.27	1.33	01
02	9.2	7.8	3.0	1.7	1.4	31.1	12.7	18.3	5.5	4.3	1.2	6.0	2.30	1.32	02
03	8.9	8.0	3.0	1.7	0.9	30.5	12.6	17.8	5.3	4.1	1.2	5.9	2.25	1.29	03
04	8.8	8.2	2.8	1.5	0.7	30.0	12.5	17.5	5.0	3.9	1.1	5.7	2.15	1.29	04
05	8.4	8.6	2.8	1.4	Δ 0.2	29.1	12.3	16.7	4.8	3.8	1.0	5.7	2.08	1.26	05
06	8.7	8.6	2.6	1.3	0.1	27.5	11.9	15.6	4.7	3.7	1.0	5.8	2.04	1.32	06
07	8.6	8.8	2.6	1.3	Δ 0.1	26.2	11.7	14.5	4.5	3.5	1.0	5.7	2.02	1.34	07
08	8.7	9.1	2.6	1.2	Δ 0.4	25.2	11.3	13.9	4.3	3.4	0.9	5.8	1.99	1.37	08
09	8.5	9.1	2.4	1.2	Δ 0.6	24.6	11.1	13.5	4.2	3.4	0.8	5.6	2.01	1.37	09
2010	8.5	9.5	2.3	1.1	Δ 1.0	24.2	11.2	13.0	4.2	3.4	0.8	5.5	1.99	1.39	2010
11	8.3	9.9	2.3	1.1	Δ 1.6	23.9	11.1	12.8	4.1	3.3	0.8	5.2	1.87	1.39	11
12	8.2	10.0	2.2	1.0	Δ 1.7	23.4	10.8	12.6	4.0	3.2	0.8	5.3	1.87	1.41	12
13	8.2	10.1	2.1	1.0	Δ 1.9	22.9	10.4	12.5	3.7	3.0	0.7	5.3	1.84	1.43	13
14	8.0	10.1	2.1	0.9	Δ 2.1	22.9	10.6	12.3	3.7	3.0	0.7	5.1	1.77	1.42	14
15	8.0	10.3	1.9	0.9	Δ 2.3	22.0	10.6	11.4	3.7	3.0	0.7	5.1	1.81	1.45	15
16	7.8	10.5	2.0	0.9	Δ 2.6	21.0	10.1	10.9	3.6	2.9	0.7	5.0	1.73	1.44	16
17	7.6	10.8	1.9	0.9	Δ 3.2	21.1	10.1	11.0	3.5	2.8	0.7	4.9	1.70	1.43	17
18	7.4	11.0	1.9	0.9	Δ 3.6	20.9	9.9	11.0	3.3	2.6	0.7	4.7	1.68	1.42	18
19	7.0	11.2	1.9	0.9	Δ 4.2	22.0	10.2	11.8	3.4	2.7	0.7	4.8	1.69	1.36	19
2020	6.8	11.1	1.8	0.8	Δ 4.3	20.1	9.5	10.6	3.2	2.5	0.7	4.3	1.57	1.33	2020
21	6.6	11.7	1.7	0.8	Δ 5.1	19.7	9.8	9.9	3.4	2.7	0.6	4.1	1.50	1.30	21
22	6.3	12.9	1.8	0.8	Δ 6.5	19.3	9.4	9.9	3.3	2.7	0.6	4.1	1.47	1.26	22

Note: The figures do not correspond to those in the report before 2017 because recalculations were done due to omissions in reporting (released on March 29, 2019) for 2004, 2006 and 2009-2017 from prefectures.

- 1) Excluding Okinawa prefecture for 1947-1972.
- 2) Figures for 1899-1943 are death rates under 1 month of age after birth.
- 3) Figures of spontaneous or artificial foetal death rate for 1948-1949 are preliminary.  
Total figures of foetal death rate for 1948-1949 include spontaneous or artificial as unknown.
- 4) Per 1,000 live births and foetal deaths at 12 completed weeks and over of gestation.
- 5) Per 1,000 live births and foetal deaths at 22 completed weeks and over of gestation.
- 6) The sum of the age-specific fertility rates from age 15 to 49 years old.