

Table 4.1 Live Births by Sex and Sex Ratio at Birth: 1872–2006

Year	Total	Male	Female	Sex ratio at birth ¹⁾	Year	Total	Male	Female	Sex ratio at birth ¹⁾
1872	569,034	290,836	278,198	104.5	1972	2,038,682	1,051,389	987,293	106.5
1880	883,584	452,327	431,257	104.9	1973	2,091,983	1,077,517	1,014,466	106.2
1890	1,145,374	586,121	559,253	104.8	1974	2,029,989	1,046,538	983,451	106.4
1900	1,420,534	727,916	692,618	105.1	1975	1,901,440	979,091	922,349	106.2
1910	1,712,857	872,779	840,078	103.9	1976	1,832,617	943,829	888,788	106.2
1920	2,025,564	1,035,134	990,430	104.5	1977	1,755,100	903,380	851,720	106.1
1930	2,085,101	1,069,551	1,015,549	105.3	1978	1,708,643	879,149	829,494	106.0
1940	2,115,867	1,084,282	1,031,585	105.1	1979	1,642,580	845,884	796,696	106.2
1941	2,277,283	1,165,437	1,111,846	104.8	1980	1,576,889	811,418	765,471	106.0
1942	2,233,660	1,145,068	1,088,592	105.2	1981	1,529,455	786,596	742,859	105.9
1943	2,253,535	1,155,983	1,097,552	105.3	1982	1,515,392	777,855	737,537	105.5
1947	2,678,792	1,376,986	1,301,806	105.8	1983	1,508,687	775,206	733,481	105.7
1948	2,681,624	1,378,564	1,303,060	105.8	1984	1,489,780	764,597	725,183	105.4
1949	2,696,638	1,380,008	1,316,630	104.8	1985	1,431,577	735,284	696,293	105.6
1950	2,337,507	1,203,111	1,134,396	106.1	1986	1,382,946	711,301	671,645	105.9
1951	2,137,689	1,094,641	1,043,048	104.9	1987	1,346,658	692,304	654,354	105.8
1952	2,005,162	1,028,061	977,101	105.2	1988	1,314,006	674,883	639,123	105.6
1953	1,868,040	957,524	910,516	105.2	1989	1,246,802	640,506	606,296	105.6
1954	1,769,580	911,212	858,368	106.2	1990	1,221,585	626,971	594,614	105.4
1955	1,730,692	889,670	841,022	105.8	1991	1,223,245	628,615	594,630	105.7
1956	1,665,278	856,084	809,194	105.8	1992	1,208,989	622,136	586,853	106.0
1957	1,566,713	805,220	761,493	105.7	1993	1,188,282	610,244	578,038	105.6
1958	1,653,469	848,733	804,736	105.5	1994	1,238,328	635,915	602,413	105.6
1959	1,626,088	835,822	790,266	105.8	1995	1,187,064	608,547	578,517	105.2
1960	1,606,041	824,761	781,280	105.6	1996	1,206,555	619,793	586,762	105.6
1961	1,589,372	817,599	771,773	105.9	1997	1,191,665	610,905	580,760	105.2
1962	1,618,616	833,269	785,347	106.1	1998	1,203,147	617,414	585,733	105.4
1963	1,659,521	852,561	806,960	105.7	1999	1,177,669	604,769	572,900	105.6
1964	1,716,761	882,924	833,837	105.9	2000	1,190,547	612,148	578,399	105.8
1965	1,823,697	935,366	888,331	105.3	2001	1,170,662	600,918	569,744	105.5
1966	1,360,974	705,463	655,511	107.6	2002	1,153,855	592,840	561,015	105.7
1967	1,935,647	992,778	942,869	105.3	2003	1,123,610	576,736	546,874	105.5
1968	1,871,839	967,996	903,843	107.1	2004	1,110,721	569,559	541,162	105.2
1969	1,889,815	977,687	912,128	107.2	2005	1,062,530	545,032	517,498	105.3
1970	1,934,239	1,000,403	933,836	107.1	2006	1,092,674	560,439	532,235	105.3
1971	2,000,973	1,032,937	968,036	106.7					

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The data for 1947–1972 do not include Okinawa Prefecture. Japanese only. The same should be applied to the following with regard to fertility statistics.
1) The sex ratio at birth is the ratio of males to 100 females.

Table 4.2 Live Births by Parents' Nationality: 1987–2006

Year	Number				Proportion (%)				
	Total	Japanese father and Japanese mother ¹⁾	Japanese father and foreign mother	Foreign father and Japanese mother	Foreign father and foreign mother	Japanese father and Japanese mother ¹⁾	Japanese father and foreign mother	Foreign father and Japanese mother	Foreign father and foreign mother
1987	1,354,232	1,336,636	5,538	4,484	7,574	98.70	0.41	0.33	0.56
1990	1,229,044	1,207,899	8,695	4,991	7,459	98.28	0.71	0.41	0.61
1991	1,231,382	1,207,827	10,027	5,391	8,137	98.09	0.81	0.44	0.66
1992	1,218,265	1,191,219	11,658	6,112	9,276	97.78	0.96	0.50	0.76
1993	1,197,900	1,169,650	12,412	6,220	9,618	97.64	1.04	0.52	0.80
1994	1,248,850	1,217,952	13,414	6,962	10,522	97.53	1.07	0.56	0.84
1995	1,197,427	1,166,810	13,371	6,883	10,363	97.44	1.12	0.57	0.87
1996	1,217,925	1,185,491	13,752	7,312	11,370	97.34	1.13	0.60	0.93
1997	1,203,888	1,170,140	13,580	7,945	12,223	97.20	1.13	0.66	1.02
1998	1,215,754	1,181,126	13,635	8,386	12,607	97.15	1.12	0.69	1.04
1999	1,189,774	1,156,205	13,004	8,460	12,105	97.18	1.09	0.71	1.02
2000	1,202,761	1,168,210	13,396	8,941	12,214	97.13	1.11	0.74	1.02
2001	1,182,499	1,148,486	13,177	8,999	11,837	97.12	1.11	0.76	1.00
2002	1,165,466	1,131,604	13,294	8,957	11,611	97.09	1.14	0.77	1.00
2003	1,134,767	1,102,088	12,690	8,832	11,157	97.12	1.12	0.78	0.98
2004	1,122,344	1,088,548	13,198	8,975	11,623	96.99	1.18	0.80	1.04
2005	1,073,915	1,040,657	12,872	9,001	11,385	96.90	1.20	0.84	1.06
2006	1,104,862	1,069,211	14,040	9,423	12,188	96.77	1.27	0.85	1.10

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The proportion is concerned with the total number of births.

1) Including Illegitimate Births.

Table 4.3 Reproduction Rates for Female: 1925–2006

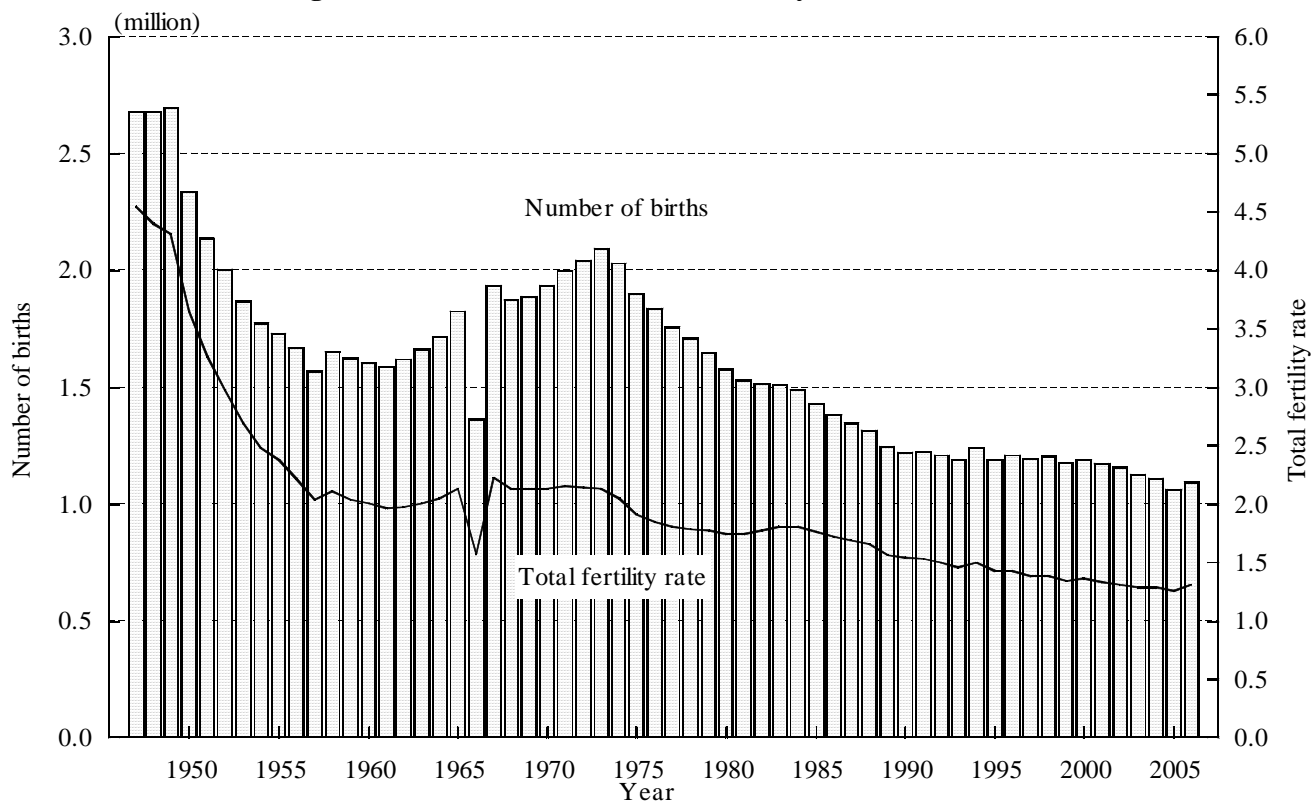
Year	Total fertility rate (1)	Gross reproduction rate (2)	Net reproduction rate (3)	Reproduction survival rate (3)/(2) (4)	Replacement fertility level (1)/(3) (5)	(1)–(5) (6)	Index of Standardized vital rates (1930=100)		
							Total fertility rate	Gross reproduction rate	Net reproduction rate
1925	5.10	2.51	1.65	0.66	3.10	2.00	108.4	109.3	108.2
1930	4.70	2.29	1.52	0.66	3.09	1.61	100.0	100.0	100.0
1940	4.11	2.01	1.43	0.71	2.87	1.24	87.4	87.5	94.2
1947	4.54	2.21	1.68	0.76	2.71	1.84	96.6	96.3	110.4
1948	4.40	2.14	1.75	0.82	2.52	1.88	93.5	93.3	114.9
1949	4.32	2.11	1.74	0.82	2.48	1.83	91.7	91.9	114.2
1950	3.65	1.77	1.50	0.85	2.43	1.22	77.6	77.3	98.6
1951	3.26	1.59	1.38	0.86	2.37	0.89	69.3	69.4	90.4
1952	2.98	1.45	1.29	0.89	2.31	0.66	63.3	63.2	84.5
1953	2.69	1.31	1.17	0.89	2.30	0.40	57.3	57.3	77.2
1954	2.48	1.20	1.09	0.90	2.28	0.20	52.7	52.5	71.5
1955	2.37	1.15	1.06	0.92	2.24	0.13	50.4	50.2	69.4
1956	2.22	1.08	0.99	0.92	2.24	-0.01	47.2	47.1	65.3
1957	2.04	0.99	0.92	0.93	2.22	-0.18	43.4	43.3	60.5
1958	2.11	1.03	0.96	0.93	2.21	-0.10	44.9	44.8	62.9
1959	2.04	0.99	0.93	0.94	2.20	-0.16	43.3	43.2	61.0
1960	2.00	0.97	0.92	0.94	2.18	-0.18	42.6	42.5	60.4
1961	1.96	0.95	0.90	0.95	2.17	-0.21	41.7	41.5	59.4
1962	1.98	0.96	0.91	0.95	2.16	-0.19	42.0	41.8	60.0
1963	2.00	0.97	0.93	0.96	2.14	-0.14	42.6	42.5	61.4
1964	2.05	1.00	0.96	0.96	2.14	-0.09	43.6	43.4	63.0
1965	2.14	1.04	1.01	0.97	2.12	0.01	45.5	45.4	66.2
1966	1.58	0.76	0.73	0.97	2.15	-0.57	33.5	33.1	48.3
1967	2.23	1.08	1.05	0.97	2.12	0.11	47.3	47.3	69.1
1968	2.13	1.03	1.00	0.97	2.13	0.00	45.3	44.9	65.8
1969	2.13	1.03	1.00	0.97	2.13	0.00	45.3	44.9	65.7
1970	2.13	1.03	1.00	0.97	2.13	0.01	45.4	45.0	66.0
1971	2.16	1.04	1.02	0.98	2.12	0.04	45.9	45.5	66.9
1972	2.14	1.04	1.01	0.98	2.11	0.03	45.5	45.2	66.6
1973	2.14	1.04	1.01	0.98	2.11	0.03	45.5	45.3	66.7
1974	2.05	0.99	0.97	0.98	2.11	-0.06	43.6	43.3	63.8
1975	1.91	0.93	0.91	0.98	2.10	-0.19	40.6	40.4	59.6
1976	1.85	0.90	0.88	0.98	2.10	-0.25	39.4	39.2	57.9
1977	1.80	0.87	0.86	0.98	2.10	-0.30	38.3	38.1	56.4
1978	1.79	0.87	0.86	0.98	2.10	-0.30	38.1	37.9	56.2
1979	1.77	0.86	0.84	0.98	2.10	-0.33	37.6	37.4	55.5

Source: National Institute of Population and Social Security Research. The data for 1947–1972 do not include Okinawa Prefecture.

Table 4.3 Reproduction Rates for Female: 1925–2006 (continued)

Year	Total fertility rate (1)	Gross reproduction rate (2)	Net reproduction rate (3)	Reproduction survival rate (3)/(2) (4)	Replacement fertility level (1)/(3) (5)	(1)–(5) (6)	Index of Standardized vital rates (1930=100)		
							Total fertility rate	Gross reproduction rate	Net reproduction rate
1980	1.75	0.85	0.83	0.98	2.09	-0.35	37.1	37.0	54.9
1981	1.74	0.85	0.83	0.99	2.09	-0.35	37.0	36.9	54.8
1982	1.77	0.86	0.85	0.99	2.08	-0.31	37.6	37.6	55.8
1983	1.80	0.88	0.86	0.99	2.08	-0.28	38.3	38.2	56.8
1984	1.81	0.88	0.87	0.99	2.08	-0.27	38.5	38.4	57.2
1985	1.76	0.86	0.85	0.99	2.08	-0.32	37.5	37.4	55.7
1986	1.72	0.84	0.83	0.99	2.08	-0.36	36.6	36.5	54.3
1987	1.69	0.82	0.81	0.99	2.08	-0.39	35.9	35.8	53.4
1988	1.66	0.81	0.80	0.99	2.08	-0.42	35.2	35.1	52.3
1989	1.57	0.76	0.76	0.99	2.08	-0.51	33.4	33.3	49.7
1990	1.54	0.75	0.74	0.99	2.08	-0.54	32.8	32.7	48.8
1991	1.53	0.75	0.74	0.99	2.08	-0.55	32.6	32.5	48.5
1992	1.50	0.73	0.72	0.99	2.08	-0.58	31.9	31.8	47.4
1993	1.46	0.71	0.70	0.99	2.08	-0.62	31.0	30.9	46.1
1994	1.50	0.73	0.72	0.99	2.08	-0.58	31.8	31.7	47.4
1995	1.42	0.69	0.69	0.99	2.07	-0.65	30.1	30.2	45.0
1996	1.43	0.69	0.69	0.99	2.08	-0.65	30.2	30.2	45.0
1997	1.39	0.68	0.67	0.99	2.07	-0.68	29.4	29.4	43.9
1998	1.38	0.67	0.67	0.99	2.08	-0.69	29.3	29.3	43.7
1999	1.34	0.65	0.65	0.99	2.08	-0.73	28.5	28.4	42.4
2000	1.36	0.66	0.65	0.99	2.08	-0.72	28.8	28.7	42.9
2001	1.33	0.65	0.64	0.99	2.07	-0.74	28.3	28.2	42.2
2002	1.32	0.64	0.64	0.99	2.07	-0.76	28.0	27.9	41.7
2003	1.29	0.63	0.62	0.99	2.07	-0.78	27.4	27.3	40.8
2004	1.29	0.63	0.62	0.99	2.07	-0.78	27.3	27.3	40.9
2005	1.26	0.61	0.61	0.99	2.07	-0.81	26.8	26.8	40.0
2006	1.32	0.64	0.64	0.99	2.07	-0.75	28.0	28.0	41.8

Figure 4.1 Live Births and Total Fertility Rates: 1947–2006



See the notes for Tables 4.1 and 4.3.

Table 4.4 Live Births, Birth Rates and Proportion by Age of Female: 1925–2006

Year	Total	Aged 15–19	20–24	25–29	30–34	35–39	40–44	45–49
Number								
1925	2,086,091	136,021	569,470	547,792	404,508	289,745	119,216	19,338
1930	2,085,101	112,021	548,863	578,245	436,334	279,111	114,131	16,397
1940	2,115,867	53,080	448,763	668,323	502,396	313,190	114,924	15,191
1947	2,678,792	61,223	615,658	826,601	645,329	398,985	117,806	11,899
1950	2,337,507	56,365	624,797	794,241	496,240	278,781	81,953	4,524
1955	1,730,692	25,219	469,027	691,349	372,175	138,158	33,055	1,706
1960	1,606,041	19,739	447,097	745,253	300,684	78,104	14,217	942
1965	1,823,697	17,719	513,645	854,399	355,269	72,355	9,828	480
1970	1,934,239	20,177	513,172	951,246	358,375	80,581	9,860	548
1975	1,901,440	15,999	479,041	1,014,624	320,060	62,663	8,727	319
1980	1,576,889	14,590	296,854	810,204	388,935	59,127	6,911	258
1985	1,431,577	17,877	247,341	682,885	381,466	93,501	8,224	245
1990	1,221,585	17,496	191,859	550,994	356,026	92,377	12,587	224
1995	1,187,064	16,112	193,514	492,714	371,773	100,053	12,472	414
2000	1,190,547	19,772	161,361	470,833	396,901	126,409	14,848	402
2001	1,170,662	20,965	157,077	450,013	399,808	127,336	15,047	402
2002	1,153,855	21,401	152,493	425,817	406,482	131,040	16,200	406
2003	1,123,610	19,581	142,068	395,975	408,585	139,489	17,478	421
2004	1,110,721	18,591	136,486	370,220	415,903	150,222	18,790	499
2005	1,062,530	16,573	128,135	339,328	404,700	153,440	19,750	598
2006	1,092,674	15,974	130,230	335,771	417,776	170,775	21,608	531
Rate (‰)								
1925	147.8	47.0	229.1	256.3	225.2	172.4	74.6	12.8
1930	137.4	34.8	202.1	245.6	214.0	161.5	71.4	10.8
1940	120.4	14.4	147.3	237.3	205.8	144.8	61.9	9.8
1947	133.3	14.9	167.4	270.2	234.7	157.2	56.9	6.3
1950	110.4	13.3	161.5	237.7	175.7	104.9	36.1	2.3
1955	74.7	5.9	112.0	181.4	112.8	49.7	12.7	0.8
1960	63.8	4.3	107.2	181.9	80.1	24.0	5.2	0.4
1965	65.6	3.3	113.0	204.2	86.8	19.4	3.1	0.2
1970	65.8	4.5	96.6	209.3	86.0	19.8	2.7	0.2
1975	62.8	4.1	107.0	190.0	69.6	15.0	2.1	0.1
1980	51.8	3.6	77.0	181.4	73.1	12.9	1.7	0.1
1985	46.7	4.1	61.8	177.8	85.5	17.6	1.8	0.1
1990	39.2	3.6	44.8	139.8	93.2	20.8	2.4	0.0
1995	38.7	3.9	40.4	116.0	94.4	26.2	2.8	0.1
2000	41.3	5.5	39.9	99.5	93.5	32.1	3.9	0.1
2001	41.1	5.9	40.1	96.2	88.8	32.8	4.0	0.1
2002	40.9	6.2	40.1	93.8	88.6	32.7	4.2	0.1
2003	40.1	5.8	38.2	90.7	87.1	33.9	4.6	0.1
2004	40.0	5.7	37.4	88.6	87.5	35.7	4.9	0.1
2005	38.8	5.2	36.6	85.3	85.6	36.1	5.0	0.2
2006	40.2	5.2	37.7	87.8	89.9	38.1	5.6	0.1
Proportion (%)								
1925	100.0	6.5	27.3	26.3	19.4	13.9	5.7	0.9
1930	100.0	5.4	26.3	27.7	20.9	13.4	5.5	0.8
1940	100.0	2.5	21.2	31.6	23.7	14.8	5.4	0.7
1947	100.0	2.3	23.0	30.9	24.1	14.9	4.4	0.4
1950	100.0	2.4	26.7	34.0	21.2	11.9	3.5	0.2
1955	100.0	1.5	27.1	39.9	21.5	8.0	1.9	0.1
1960	100.0	1.2	27.8	46.4	18.7	4.9	0.9	0.1
1965	100.0	1.0	28.2	46.8	19.5	4.0	0.5	0.0
1970	100.0	1.0	26.5	49.2	18.5	4.2	0.5	0.0
1975	100.0	0.8	25.2	53.4	16.8	3.3	0.5	0.0
1980	100.0	0.9	18.8	51.4	24.7	3.7	0.4	0.0
1985	100.0	1.2	17.3	47.7	26.6	6.5	0.6	0.0
1990	100.0	1.4	15.7	45.1	29.1	7.6	1.0	0.0
1995	100.0	1.4	16.3	41.5	31.3	8.4	1.1	0.0
2000	100.0	1.7	13.6	39.5	33.3	10.6	1.2	0.0
2001	100.0	1.8	13.4	38.4	34.2	10.9	1.3	0.0
2002	100.0	1.9	13.2	36.9	35.2	11.4	1.4	0.0
2003	100.0	1.7	12.6	35.2	36.4	12.4	1.6	0.0
2004	100.0	1.7	12.3	33.3	37.4	13.5	1.7	0.0
2005	100.0	1.6	12.1	31.9	38.1	14.4	1.9	0.1
2006	100.0	1.5	11.9	30.7	38.2	15.6	2.0	0.0

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The data for 1947–1970 do not include Okinawa Prefecture. The total number includes births for which the age of the mother was not reported. If the age of the mother was under 15, the number of births was included in the category of 15–19 years old, if aged 50 or over, the number of births was included in the category of 45–49 year old. For the data prior to 1940, the total population was used as the denominator population for computing the percentage; for the data from 1947 onwards, the Japanese population was used.

Table 4.5 Age-Specific Fertility Rates and Reproduction Rates for Females: 2006

Age	Female population	Births			Age-specific fertility rate		Surviving probability from birth to the mother's age (per 100,000)	Surviving daughters $\frac{(7) \times (8)}{100,000}$
		Total	Male	Female	ASFR (3)/(2)	ASFR for daughters (5)/(2)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
15	586,267	223	118	105	0.00038	0.00018	99,573	0.00018
16	597,899	784	382	402	0.00131	0.00067	99,560	0.00067
17	616,039	2,287	1,201	1,086	0.00371	0.00176	99,544	0.00175
18	635,022	4,205	2,136	2,069	0.00662	0.00326	99,525	0.00324
19	653,515	8,475	4,380	4,095	0.01297	0.00627	99,502	0.00623
20	663,678	13,845	7,204	6,641	0.02086	0.01001	99,476	0.00995
21	686,602	19,926	10,286	9,640	0.02902	0.01404	99,449	0.01396
22	702,202	25,916	13,457	12,459	0.03691	0.01774	99,421	0.01764
23	705,960	31,518	16,307	15,211	0.04465	0.02155	99,392	0.02142
24	700,522	39,025	19,947	19,078	0.05571	0.02723	99,361	0.02706
25	709,534	46,694	24,026	22,668	0.06581	0.03195	99,330	0.03173
26	739,598	57,272	29,334	27,938	0.07744	0.03777	99,298	0.03751
27	760,777	67,838	34,798	33,039	0.08917	0.04343	99,265	0.04311
28	795,516	77,777	39,893	37,883	0.09777	0.04762	99,231	0.04725
29	819,212	86,193	44,350	41,842	0.10521	0.05108	99,196	0.05067
30	861,604	90,682	46,432	44,249	0.10525	0.05136	99,160	0.05093
31	903,667	91,486	46,909	44,576	0.10124	0.04933	99,124	0.04890
32	953,843	88,484	45,452	43,031	0.09277	0.04511	99,086	0.04470
33	974,822	79,415	40,563	38,851	0.08147	0.03985	99,046	0.03947
34	953,985	67,714	34,658	33,055	0.07098	0.03465	99,002	0.03430
35	933,387	55,252	28,259	26,993	0.05920	0.02892	98,954	0.02862
36	906,057	43,729	22,346	21,383	0.04826	0.02360	98,902	0.02334
37	893,909	32,661	16,829	15,832	0.03654	0.01771	98,847	0.01751
38	876,899	23,741	12,176	11,565	0.02707	0.01319	98,788	0.01303
39	876,536	15,392	7,888	7,504	0.01756	0.00856	98,723	0.00845
40	687,109	9,446	4,744	4,702	0.01375	0.00684	98,653	0.00675
41	854,557	6,253	3,053	3,200	0.00732	0.00374	98,576	0.00369
42	800,136	3,362	1,727	1,635	0.00420	0.00204	98,493	0.00201
43	780,527	1,795	922	873	0.00230	0.00112	98,404	0.00110
44	758,232	752	386	366	0.00099	0.00048	98,308	0.00047
45	749,427	324	164	160	0.00043	0.00021	98,204	0.00021
46	757,913	114	54	60	0.00015	0.00008	98,090	0.00008
47	775,597	42	25	17	0.00005	0.00002	97,966	0.00002
48	756,811	32	19	13	0.00004	0.00002	97,829	0.00002
49	737,623	19	10	9	0.00003	0.00001	97,679	0.00001
Total	27,164,984	1,092,674	560,439	532,235	1.31713	0.64142	—	0.63600
15-19	3,088,742	15,974	8,217	7,757	0.00517	0.00251	497,704	0.01250
20-24	3,458,964	130,231	67,201	63,030	0.03765	0.01822	497,099	0.09058
25-29	3,824,637	335,774	172,402	163,372	0.08779	0.04272	496,320	0.21201
30-34	4,647,921	417,779	214,016	203,764	0.08989	0.04384	495,418	0.21719
35-39	4,486,788	170,776	87,499	83,278	0.03806	0.01856	494,214	0.09173
40-44	3,880,561	21,608	10,832	10,776	0.00557	0.00278	492,434	0.01367
45-49	3,777,371	531	272	259	0.00014	0.00007	489,768	0.00034

Source: National Institute of Population and Social Security Research.

Table 4.6 Age-Specific Fertility Rates for Females: 1930–2006

(1) 1930–70

Age	1930	1940	1947	1950	1955	1960	1965	1970
15	0.00358	0.00158	0.00045	0.00032	0.00008	0.00006	0.00005	0.00012
16	0.00869	0.00322	0.00183	0.00171	0.00056	0.00039	0.00031	0.00032
17	0.02397	0.00854	0.00734	0.00663	0.00253	0.00165	0.00166	0.00152
18	0.05111	0.01998	0.02154	0.01770	0.00725	0.00517	0.00498	0.00531
19	0.09062	0.04183	0.04561	0.04097	0.01833	0.01350	0.01346	0.01360
20	0.14506	0.06949	0.08746	0.07900	0.04034	0.02987	0.03253	0.02966
21	0.18164	0.11472	0.13086	0.12578	0.07372	0.06219	0.05959	0.05465
22	0.21677	0.15436	0.16890	0.16773	0.11413	0.10810	0.10277	0.09815
23	0.22790	0.19496	0.21890	0.20849	0.15365	0.14808	0.15813	0.13886
24	0.25379	0.21871	0.24405	0.23176	0.18161	0.18328	0.19727	0.19712
25	0.24709	0.23722	0.26404	0.24064	0.19235	0.19839	0.21755	0.23885
26	0.25451	0.24094	0.28203	0.24807	0.19752	0.20233	0.22938	0.23242
27	0.25106	0.23766	0.26166	0.23950	0.18512	0.19253	0.22118	0.21945
28	0.24336	0.23737	0.27662	0.23228	0.17418	0.16955	0.19153	0.19718
29	0.23151	0.23285	0.26768	0.22676	0.15670	0.14585	0.16494	0.16376
30	0.22677	0.22753	0.25921	0.19468	0.13960	0.11992	0.13505	0.13156
31	0.22381	0.21223	0.24723	0.19375	0.12608	0.09665	0.10616	0.10529
32	0.21304	0.20762	0.23772	0.17867	0.11099	0.07521	0.08294	0.08339
33	0.20455	0.18962	0.22007	0.16191	0.09713	0.05983	0.06207	0.06334
34	0.20002	0.18712	0.20803	0.14676	0.08522	0.04631	0.04620	0.04787
35	0.18545	0.16806	0.19444	0.13406	0.06566	0.03575	0.03370	0.03435
36	0.17438	0.16117	0.17266	0.11701	0.06030	0.02896	0.02456	0.02509
37	0.16600	0.14807	0.15598	0.10473	0.04934	0.02221	0.01717	0.01808
38	0.14432	0.13293	0.13733	0.08974	0.03974	0.01740	0.01203	0.01250
39	0.13219	0.11337	0.12080	0.07704	0.03093	0.01352	0.00839	0.00840
40	0.11506	0.09732	0.09468	0.06228	0.02408	0.00909	0.00577	0.00553
41	0.08970	0.07921	0.07501	0.04642	0.01680	0.00711	0.00405	0.00356
42	0.06850	0.06017	0.05345	0.03302	0.01145	0.00475	0.00259	0.00225
43	0.04659	0.04061	0.03564	0.01975	0.00673	0.00285	0.00150	0.00122
44	0.03004	0.02621	0.02138	0.01204	0.00368	0.00156	0.00090	0.00071
45	0.01740	0.01511	0.01183	0.00539	0.00174	0.00084	0.00039	0.00043
46	0.00968	0.00858	0.00608	0.00271	0.00086	0.00038	0.00020	0.00018
47	0.00607	0.00590	0.00333	0.00119	0.00037	0.00027	0.00011	0.00009
48	0.00450	0.00378	0.00225	0.00075	0.00023	0.00010	0.00006	0.00005
49	0.01626	0.01546	0.00738	0.00134	0.00049	0.00024	0.00008	0.00007
Total	4.70499	4.11352	4.54344	3.65059	2.36953	2.00390	2.13926	2.13494

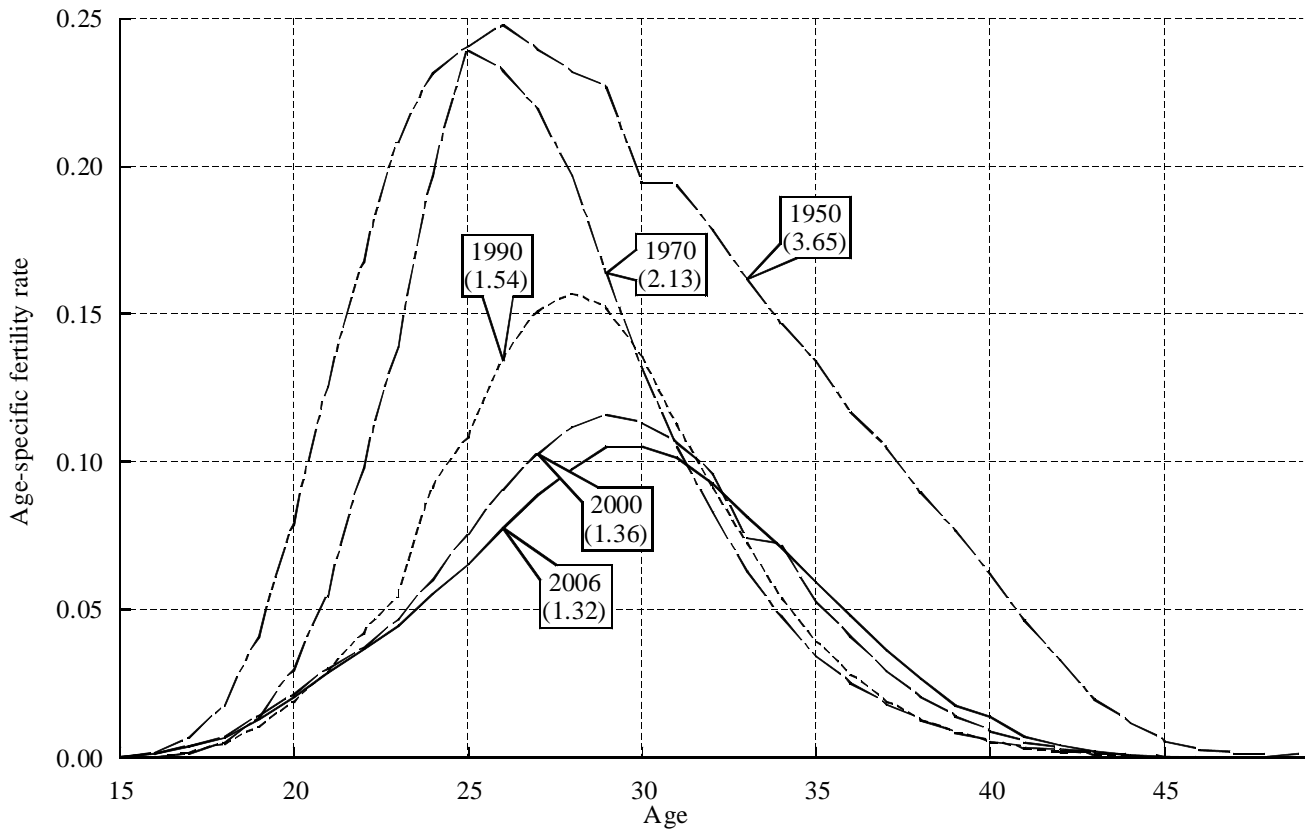
Source: National Institute of Population and Social Security Research. The data for 1947–1970 do not include Okinawa Prefecture. For the data for 1930 and 1940, the total population including foreign nationals was used as the denominator for computation; for the data from 1947 onwards, the Japanese population was used. The total indicates the total fertility rate.

Table 4.6 Age-Specific Fertility Rates for Females: 1930–2006 (continued)

(2) 1975–2006

Age	1975	1980	1985	1990	1995	2000	2005	2006
15	0.00005	0.00006	0.00013	0.00012	0.00019	0.00033	0.00036	0.00038
16	0.00039	0.00051	0.00075	0.00060	0.00083	0.00132	0.00132	0.00131
17	0.00182	0.00204	0.00249	0.00195	0.00222	0.00384	0.00344	0.00371
18	0.00539	0.00503	0.00536	0.00467	0.00481	0.00732	0.00666	0.00662
19	0.01287	0.01124	0.01418	0.01071	0.01047	0.01411	0.01354	0.01297
20	0.02800	0.02175	0.02156	0.01873	0.01833	0.02161	0.02072	0.02086
21	0.05613	0.03878	0.03540	0.02891	0.02791	0.03025	0.02865	0.02902
22	0.09524	0.06393	0.05517	0.04223	0.03730	0.03732	0.03605	0.03691
23	0.14316	0.10718	0.08430	0.05451	0.05090	0.04696	0.04361	0.04465
24	0.19016	0.15368	0.12084	0.09134	0.06764	0.06033	0.05330	0.05571
25	0.21626	0.18564	0.15842	0.10862	0.08737	0.07569	0.06415	0.06581
26	0.21283	0.20511	0.18490	0.13451	0.10784	0.09044	0.07597	0.07744
27	0.19954	0.19683	0.19192	0.15120	0.12514	0.10263	0.08603	0.08917
28	0.15978	0.17636	0.18768	0.15697	0.12179	0.11178	0.09516	0.09777
29	0.14443	0.14974	0.16658	0.15183	0.14545	0.11613	0.10152	0.10521
30	0.11898	0.12051	0.13823	0.13572	0.12402	0.11320	0.10172	0.10525
31	0.08649	0.08772	0.10963	0.11277	0.11077	0.10664	0.09597	0.10124
32	0.06619	0.06606	0.08343	0.09157	0.09377	0.09598	0.08717	0.09277
33	0.04956	0.04432	0.06251	0.07255	0.07783	0.07446	0.07748	0.08147
34	0.03557	0.03414	0.04579	0.05369	0.06094	0.07175	0.06620	0.07098
35	0.02553	0.02450	0.03199	0.03924	0.04601	0.05267	0.05562	0.05920
36	0.01935	0.01696	0.02182	0.02833	0.03418	0.04100	0.04511	0.04826
37	0.01377	0.01159	0.01490	0.01911	0.02370	0.02913	0.03379	0.03654
38	0.00974	0.00799	0.00912	0.01274	0.01638	0.02044	0.02276	0.02707
39	0.00668	0.00548	0.00674	0.00845	0.01070	0.01394	0.01885	0.01756
40	0.00444	0.00346	0.00424	0.00528	0.00668	0.00892	0.01078	0.01375
41	0.00278	0.00227	0.00247	0.00303	0.00405	0.00528	0.00678	0.00732
42	0.00186	0.00146	0.00158	0.00174	0.00228	0.00293	0.00373	0.00420
43	0.00101	0.00076	0.00076	0.00086	0.00124	0.00153	0.00192	0.00230
44	0.00048	0.00039	0.00039	0.00040	0.00056	0.00076	0.00096	0.00099
45	0.00024	0.00020	0.00017	0.00016	0.00023	0.00031	0.00044	0.00043
46	0.00010	0.00007	0.00007	0.00007	0.00009	0.00011	0.00016	0.00015
47	0.00004	0.00004	0.00004	0.00002	0.00003	0.00004	0.00007	0.00005
48	0.00002	0.00001	0.00001	0.00001	0.00001	0.00002	0.00004	0.00004
49	0.00002	0.00001	0.00001	0.00001	0.00001	0.00002	0.00007	0.00003
Total	1.90889	1.74582	1.76356	1.54265	1.42170	1.35918	1.26010	1.31713

Figure 4.2 Age-Specific Fertility Rates: 1950, 1970, 1990, 2000, and 2006



See the notes for Table 4.6.

Table 4.7 Age-Specific Fertility Rates for Female Cohorts: 1950–2000

Age	1950	1955	1960	1965	1970	1975	1980	1985	1990
15	0.00032	0.00008	0.00006	0.00005	0.00012	0.00005	0.00006	0.00013	0.00012
16	0.00111	0.00045	0.00037	0.00026	0.00031	0.00042	0.00056	0.00070	0.00066
17	0.00375	0.00168	0.00163	0.00154	0.00181	0.00165	0.00223	0.00213	0.00208
18	0.00943	0.00532	0.00544	0.00501	0.00584	0.00445	0.00595	0.00499	0.00473
19	0.02023	0.01362	0.01412	0.01293	0.01435	0.01065	0.01301	0.01072	0.01110
20	0.04034	0.02987	0.03253	0.02966	0.02800	0.02175	0.02156	0.01873	0.01833
21	0.06824	0.05525	0.05110	0.05761	0.04962	0.03863	0.03310	0.02944	0.02714
22	0.09853	0.09576	0.10813	0.10201	0.07815	0.06217	0.04695	0.04018	0.03666
23	0.14848	0.14205	0.15896	0.15648	0.11788	0.09420	0.06668	0.05338	0.04853
24	0.17897	0.18498	0.20895	0.20243	0.15812	0.13156	0.08846	0.07354	0.06075
25	0.19839	0.21755	0.23885	0.21626	0.18564	0.15842	0.10862	0.08737	0.07569
26	0.20103	0.15983	0.24694	0.21608	0.19872	0.17510	0.12860	0.10390	0.08759
27	0.19387	0.22175	0.23211	0.20062	0.19834	0.17959	0.13887	0.11343	0.09634
28	0.17832	0.18994	0.20540	0.18031	0.18628	0.17320	0.13920	0.12012	0.10226
29	0.15529	0.16186	0.16428	0.15184	0.16699	0.15292	0.14130	0.11803	0.10631
30	0.13505	0.13156	0.11898	0.12051	0.13823	0.13572	0.12402	0.11320	0.10172
31	0.07476	0.10234	0.08716	0.09326	0.10981	0.11418	0.11248	0.10143	0.10124
32	0.08580	0.07774	0.06499	0.07394	0.08736	0.09354	0.09494	0.08939	
33	0.06400	0.06031	0.04834	0.05823	0.06904	0.07479	0.08009	0.07732	
34	0.04769	0.04032	0.03457	0.04442	0.05164	0.06174	0.06382	0.06713	
35	0.03435	0.02553	0.02450	0.03199	0.03924	0.04601	0.05267	0.05562	
36	0.02466	0.01742	0.01823	0.02364	0.02906	0.03638	0.04143	0.04826	
37	0.01656	0.01144	0.01287	0.01642	0.02093	0.02587	0.03035		
38	0.01190	0.00804	0.00958	0.01173	0.01431	0.01879	0.02270		
39	0.00737	0.00534	0.00662	0.00803	0.01068	0.01285	0.01663		
40	0.00444	0.00346	0.00424	0.00528	0.00668	0.00892	0.01078		
41	0.00262	0.00220	0.00266	0.00323	0.00419	0.00544	0.00732		
42	0.00156	0.00138	0.00151	0.00188	0.00240	0.00328			
43	0.00086	0.00075	0.00091	0.00103	0.00135	0.00174			
44	0.00040	0.00040	0.00040	0.00057	0.00069	0.00090			
45	0.00020	0.00017	0.00016	0.00023	0.00031	0.00044			
46	0.00007	0.00006	0.00008	0.00009	0.00013	0.00015			
47	0.00003	0.00002	0.00003	0.00004	0.00005				
48	0.00001	0.00001	0.00001	0.00002	0.00003				
49	0.00001	0.00001	0.00001	0.00001	0.00004				

Age	1995	2000
15	0.00019	0.00033
16	0.00078	0.00155
17	0.00274	0.00436
18	0.00591	0.00741
19	0.01289	0.01454
20	0.02161	0.02072
21	0.02995	0.02902
22	0.03812	
23	0.04513	
24	0.05432	
25	0.06415	
26	0.07744	

Computed by the National Institute of Population and Social Security Research. Cohorts aged 15.

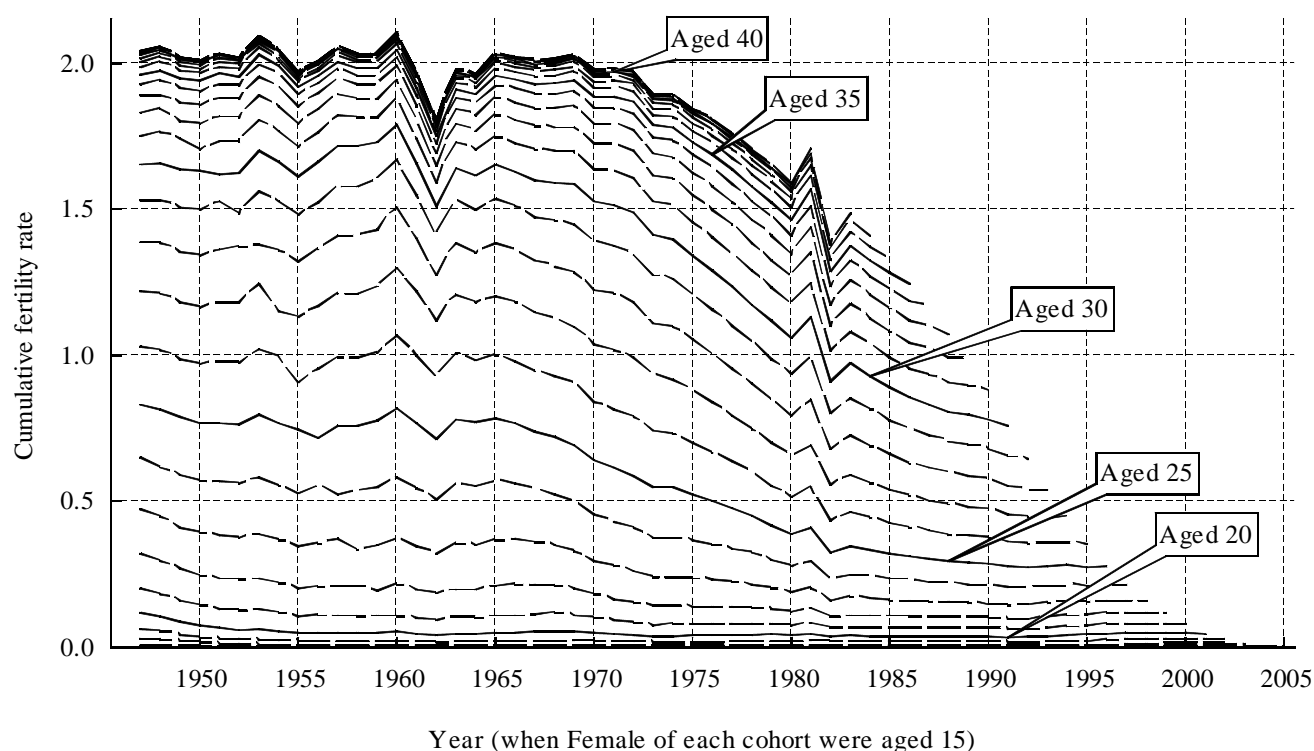
Table 4.8 Cumulative Fertility Rates for Female Cohorts: 1950–2000

Age	1950	1955	1960	1965	1970	1975	1980	1985	1990
15	0.00032	0.00008	0.00006	0.00005	0.00012	0.00005	0.00006	0.00013	0.00012
16	0.00143	0.00053	0.00043	0.00031	0.00043	0.00047	0.00062	0.00083	0.00078
17	0.00518	0.00221	0.00206	0.00185	0.00223	0.00212	0.00285	0.00296	0.00286
18	0.01462	0.00753	0.00751	0.00686	0.00807	0.00657	0.00880	0.00795	0.00760
19	0.03485	0.02115	0.02163	0.01979	0.02243	0.01722	0.02180	0.01866	0.01870
20	0.07519	0.05102	0.05416	0.04945	0.05043	0.03897	0.04336	0.03739	0.03703
21	0.14343	0.10627	0.10526	0.10706	0.10004	0.07760	0.07647	0.06684	0.06417
22	0.24196	0.20203	0.21340	0.20907	0.17819	0.13978	0.12342	0.10702	0.10083
23	0.39044	0.34408	0.37236	0.36555	0.29606	0.23397	0.19010	0.16041	0.14936
24	0.56941	0.52906	0.58131	0.56798	0.45418	0.36554	0.27856	0.23394	0.21011
25	0.76780	0.74661	0.82016	0.78425	0.63982	0.52395	0.38718	0.32132	0.28580
26	0.96882	0.90644	1.06710	1.00032	0.83854	0.69905	0.51578	0.42521	0.37339
27	1.16269	1.12819	1.29921	1.20095	1.03688	0.87865	0.65465	0.53864	0.46973
28	1.34101	1.31813	1.50460	1.38125	1.22316	1.05185	0.79385	0.65876	0.57199
29	1.49630	1.47999	1.66888	1.53310	1.39015	1.20477	0.93515	0.77679	0.67830
30	1.63135	1.61155	1.78786	1.65361	1.52837	1.34048	1.05917	0.88999	0.78002
31	1.70612	1.71390	1.87503	1.74687	1.63818	1.45466	1.17165	0.99141	0.88126
32	1.79191	1.79163	1.94001	1.82081	1.72554	1.54821	1.26659	1.08081	
33	1.85592	1.85194	1.98836	1.87904	1.79458	1.62300	1.34668	1.15813	
34	1.90360	1.89226	2.02292	1.92347	1.84622	1.68474	1.41050	1.22526	
35	1.93796	1.91778	2.04743	1.95545	1.88546	1.73075	1.46317	1.28088	
36	1.96261	1.93521	2.06566	1.97909	1.91452	1.76714	1.50460	1.32914	
37	1.97917	1.94664	2.07853	1.99552	1.93545	1.79300	1.53495		
38	1.99107	1.95469	2.08811	2.00725	1.94976	1.81179	1.55765		
39	1.99844	1.96003	2.09473	2.01528	1.96044	1.82465	1.57428		
40	2.00288	1.96349	2.09897	2.02055	1.96712	1.83356	1.58506		
41	2.00550	1.96568	2.10163	2.02378	1.97131	1.83901	1.59237		
42	2.00706	1.96707	2.10314	2.02566	1.97371	1.84229			
43	2.00792	1.96782	2.10405	2.02669	1.97506	1.84403			
44	2.00832	1.96822	2.10445	2.02726	1.97576	1.84493			
45	2.00852	1.96839	2.10461	2.02749	1.97606	1.84537			
46	2.00859	1.96845	2.10469	2.02758	1.97619	1.84552			
47	2.00862	1.96847	2.10472	2.02762	1.97624				
48	2.00864	1.96848	2.10473	2.02764	1.97628				
49	2.00864	1.96849	2.10474	2.02765	1.97632				

Age	1995	2000
15	0.00019	0.00033
16	0.00097	0.00188
17	0.00371	0.00623
18	0.00961	0.01364
19	0.02250	0.02819
20	0.04410	0.04891
21	0.07406	0.07793
22	0.11218	
23	0.15731	
24	0.21162	
25	0.27578	
26	0.35321	

Computed by the National Institute of Population and Social Security Research. Accumulating the fertility rates of cohorts aged 15 in the years 1950–2000 (equal to the 1935–1985 birth cohorts).

Figure 4.3 Cumulative Fertility Rates for Female Cohorts: 1947–2006



See the notes for Table 4.8.

Table 4.9 Age-Specific Marital Fertility Rates for Females: 1930–2005

(‰)

Age	1930	1950	1960	1970	1975	1980	1985	1990	1995	2000	2005
15–19	337.7	408.0	321.9	245.8	305.6	384.3	480.6	497.9	627.3	674.2	698.0
20–24	336.4	376.3	341.7	346.4	349.9	352.1	344.4	332.1	326.1	359.7	363.5
25–29	280.4	298.6	237.2	258.9	242.9	243.3	262.3	241.8	233.8	230.1	225.4
30–34	235.9	209.6	92.7	95.0	77.1	82.9	99.2	112.3	123.4	136.0	136.7
35–39	181.0	126.3	27.8	22.0	16.4	14.3	19.9	23.7	30.8	40.2	49.1
40–44	83.6	43.7	6.4	3.1	2.4	1.9	2.0	2.7	3.3	4.6	6.4
45–49	13.6	2.9	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
15–49	208.8	187.5	108.7	104.5	93.4	77.8	73.3	66.0	68.6	76.7	74.9

Computed based on data from the Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan* and Statistics Bureau, Ministry of Public Management, Home Affairs, Posts and Telecommunications, *Population Census of Japan*. The data for 1950–1970 do not include Okinawa Prefecture. For the data prior to 1975, the total population was used as the denominator; for the data from 1980 onwards, the Japanese population was used.

Table 4.10 Age-Specific Legitimate Fertility Rates for Males: 1955–2005

(‰)

Age	1955	1960	1965	1975	1980	1985	1990	1995	2000	2005
15–19	0.43	0.28	0.28	0.71	0.76	1.00	0.96	1.36	2.05	1.60
20–24	34.19	27.04	29.74	38.76	26.50	25.37	21.23	22.34	25.34	22.92
25–29	170.60	161.73	173.11	150.86	124.75	112.02	87.75	77.91	71.46	64.56
30–34	179.39	155.07	170.71	143.86	124.53	124.43	115.00	102.88	91.48	79.18
35–39	108.21	60.60	54.51	44.31	40.24	47.98	51.66	55.33	53.86	48.11
40–44	50.82	20.89	13.32	9.29	7.61	9.00	12.06	14.58	17.21	16.98
45–49	19.05	7.55	3.91	1.96	1.51	1.64	1.98	2.99	3.67	4.22
50 and over	2.12	0.94	0.46	0.18	0.12	0.12	0.12	0.17	0.26	0.26
15–49	77.66	66.41	67.23	61.84	50.82	45.51	37.97	37.23	39.26	36.65

Computed based on data from the Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan* and Statistics Bureau, Ministry of Public Management, Home Affairs, Posts and Telecommunications, *Population Census of Japan*. The data prior to 1965 do not include Okinawa Prefecture. The Japanese population was used as the denominator.

Table 4.11 Interval between Marriage and First Birth: 1955–2006

(%)

Duration (years)	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2006
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 1	38.5	36.2	35.5	37.9	39.4	41.1	41.5	41.2	38.5	40.0	37.0	37.3
1 – 2	43.7	39.5	40.8	38.3	39.9	36.8	35.5	33.8	32.0	28.3	26.5	26.1
2 – 3	9.8	14.4	12.8	12.9	11.2	10.8	11.6	12.2	14.0	13.9	14.1	14.0
3 – 4	3.4	4.6	5.0	4.7	4.5	4.7	5.0	5.4	6.7	7.5	8.1	8.0
4 – 5	1.6	2.1	2.4	2.4	2.1	2.5	2.4	2.8	3.5	4.4	5.0	5.0
5 – 6	0.9	1.3	1.3	1.4	1.1	1.5	1.4	1.6	2.0	2.6	3.2	3.3
6 – 7	0.6	0.7	0.8	0.8	0.6	0.9	0.8	1.0	1.2	1.6	2.0	2.2
7 – 8	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.6	0.7	1.0	1.3	1.4
8 – 9	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.9	0.9
9 –10	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.6	0.6
10 –15	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.7	1.1	1.1
15 –20	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20 and over	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean duration	1.68	1.79	1.82	1.81	1.72	1.61	1.80	1.66	1.78	1.89	2.09	2.10

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The data prior to 1970 do not include Okinawa Prefecture. The first birth here means the first child for his/her mother.

Table 4.12 Live Births by Birth Order: 1950–2006

Year	Total	1st birth	2nd birth	3rd birth	4th birth	5th and over
Number						
1950	2,337,507	634,324	654,572	384,455	247,790	415,163
1955	1,730,692	573,592	455,512	330,192	193,906	177,479
1960	1,606,041	714,827	522,867	221,595	79,718	67,017
1965	1,823,697	866,485	685,027	203,913	44,523	23,700
1970	1,934,239	878,979	753,834	245,824	40,207	15,395
1975	1,901,440	862,356	767,669	224,576	33,994	12,845
1980	1,576,889	667,683	642,573	227,604	29,901	9,128
1985	1,431,577	602,005	562,920	225,304	32,597	8,751
1990	1,221,585	531,648	459,569	192,788	30,453	7,127
1995	1,187,064	567,530	428,394	156,586	27,556	6,998
2000	1,190,547	583,220	434,964	141,011	24,644	6,708
2001	1,170,662	573,918	428,197	137,814	24,058	6,675
2002	1,153,855	571,501	421,042	131,636	23,037	6,639
2003	1,123,610	547,170	419,100	128,083	22,615	6,642
2004	1,110,721	537,913	417,647	126,117	22,458	6,586
2005	1,062,530	512,412	399,307	122,501	21,841	6,469
2006	1,092,674	524,581	408,531	129,555	23,164	6,843
Proportion (%)						
1950	100.0	27.1	28.0	16.4	10.6	17.8
1955	100.0	33.1	26.3	19.1	11.2	10.3
1960	100.0	44.5	32.6	13.8	5.0	4.2
1965	100.0	47.5	37.6	11.2	2.4	1.3
1970	100.0	45.4	39.0	12.7	2.1	0.8
1975	100.0	45.4	40.4	11.8	1.8	0.7
1980	100.0	42.3	40.7	14.4	1.9	0.6
1985	100.0	42.1	39.3	15.7	2.3	0.6
1990	100.0	43.5	37.6	15.8	2.5	0.6
1995	100.0	47.8	36.1	13.2	2.3	0.6
2000	100.0	49.0	36.5	11.8	2.1	0.6
2001	100.0	49.0	36.6	11.8	2.1	0.6
2002	100.0	49.5	36.5	11.4	2.0	0.6
2003	100.0	48.7	37.3	11.4	2.0	0.6
2004	100.0	48.4	37.6	11.4	2.0	0.6
2005	100.0	48.2	37.6	11.5	2.1	0.6
2006	100.0	48.0	37.4	11.9	2.1	0.6

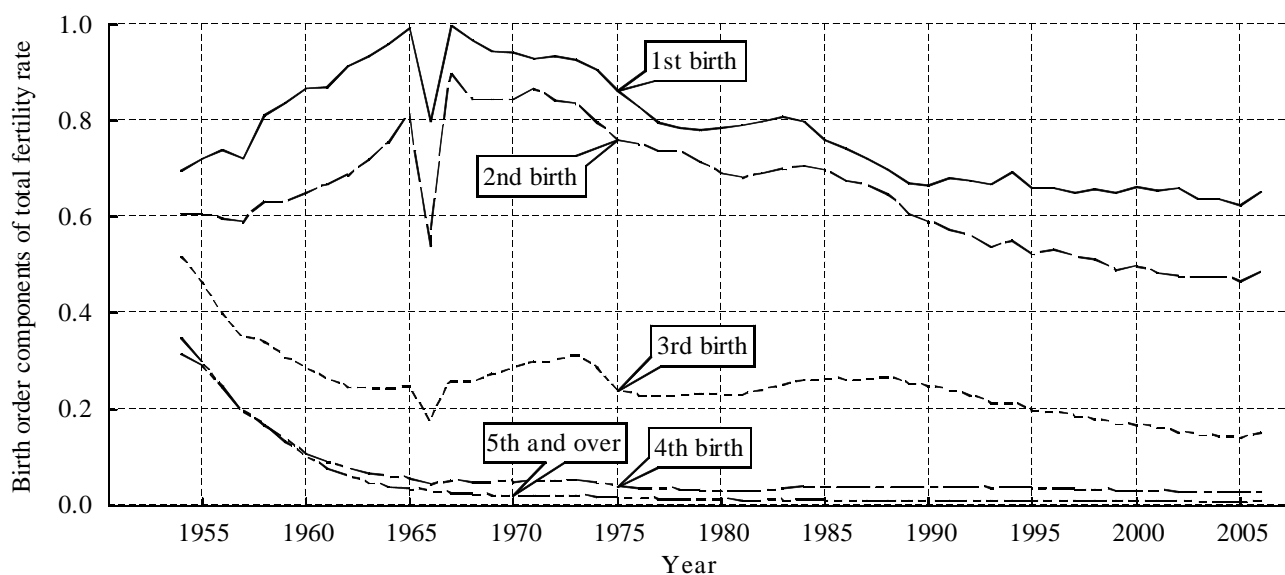
Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The data prior to 1970 do not include Okinawa Prefecture. The live birth order is the sequence in which a mother gives birth to children. The total includes cases in which the order was not reported.

Table 4.13 Total Fertility Rates by Birth Order: 1955–2006

Year	Total	1st birth	2nd birth	3rd birth	4th birth	5th and over
1955	2.370	0.721	0.602	0.463	0.288	0.296
1960	2.004	0.867	0.648	0.284	0.107	0.098
1965	2.139	0.993	0.813	0.246	0.055	0.031
1970	2.135	0.943	0.844	0.282	0.047	0.019
1975	1.909	0.862	0.759	0.236	0.037	0.015
1980	1.746	0.785	0.692	0.229	0.030	0.010
1981	1.741	0.792	0.680	0.230	0.031	0.009
1982	1.770	0.798	0.691	0.239	0.032	0.009
1983	1.801	0.809	0.698	0.250	0.034	0.009
1984	1.811	0.798	0.706	0.261	0.036	0.010
1985	1.764	0.761	0.695	0.263	0.036	0.009
1986	1.723	0.742	0.675	0.261	0.036	0.009
1987	1.691	0.721	0.662	0.262	0.036	0.009
1988	1.656	0.699	0.647	0.264	0.037	0.009
1989	1.572	0.670	0.605	0.251	0.037	0.008
1990	1.543	0.663	0.587	0.246	0.038	0.008
1991	1.535	0.680	0.572	0.237	0.037	0.009
1992	1.502	0.676	0.557	0.225	0.036	0.008
1993	1.458	0.667	0.537	0.211	0.035	0.008
1994	1.500	0.693	0.550	0.211	0.036	0.009
1995	1.422	0.660	0.521	0.197	0.035	0.009
1996	1.425	0.659	0.532	0.192	0.034	0.009
1997	1.388	0.649	0.515	0.184	0.032	0.009
1998	1.384	0.657	0.509	0.178	0.031	0.008
1999	1.342	0.650	0.489	0.166	0.029	0.008
2000	1.359	0.662	0.495	0.165	0.030	0.008
2001	1.334	0.655	0.484	0.159	0.028	0.008
2002	1.319	0.659	0.475	0.150	0.027	0.008
2003	1.290	0.638	0.474	0.144	0.026	0.008
2004	1.289	0.637	0.476	0.142	0.026	0.008
2005	1.260	0.624	0.464	0.139	0.025	0.007
2006	1.317	0.652	0.482	0.149	0.026	0.008

Computed by the National Institute of Population and Social Security Research based on data from the Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The data prior to 1970 do not include Okinawa Prefecture.

Figure 4.4 Total Fertility Rates by Birth Order: 1954–2006



See the notes for Table 4.13.

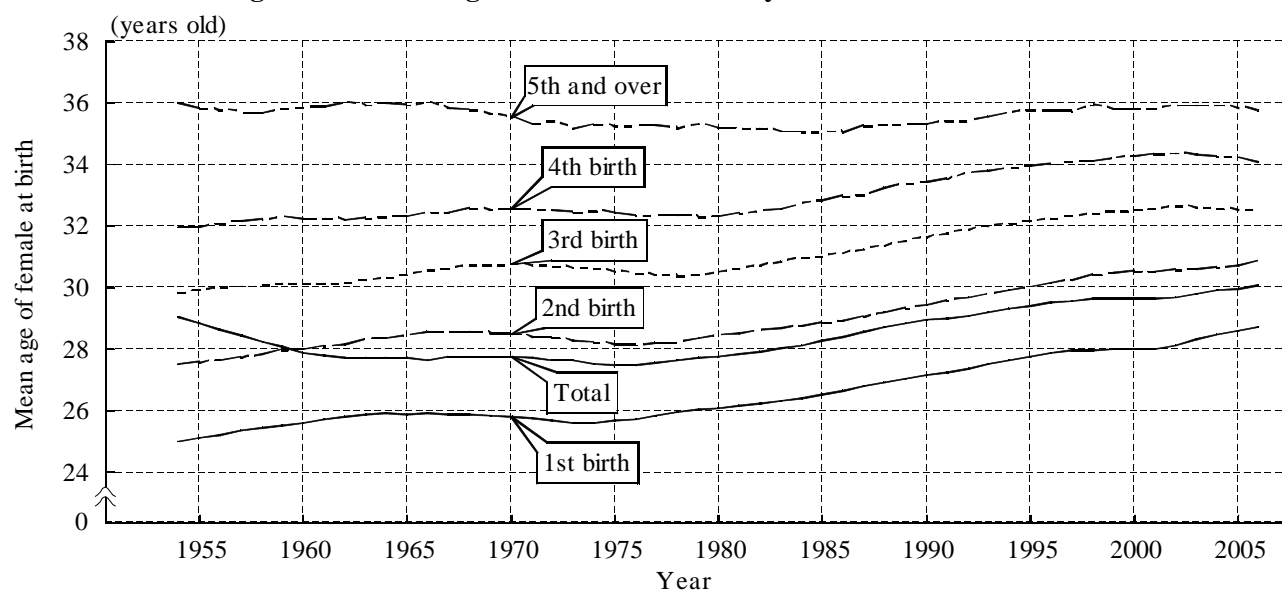
Table 4.14 Mean Age of Female at Birth by Birth Order: 1955–2006

(years old)

Year	Total	1st birth	2nd birth	3rd birth	4th birth	5th and over
1955	28.85	25.11	27.56	29.94	31.97	35.82
1960	27.87	25.61	27.99	30.12	32.24	35.84
1965	27.70	25.89	28.45	30.42	32.34	35.94
1970	27.75	25.82	28.46	30.76	32.55	35.50
1975	27.46	25.66	28.15	30.51	32.45	35.25
1980	27.75	26.07	28.43	30.50	32.33	35.19
1981	27.84	26.17	28.53	30.61	32.38	35.14
1982	27.93	26.25	28.60	30.72	32.48	35.16
1983	28.03	26.32	28.69	30.86	32.59	35.10
1984	28.15	26.40	28.76	30.95	32.72	35.06
1985	28.28	26.52	28.84	31.03	32.83	35.08
1986	28.40	26.66	28.94	31.13	32.95	35.05
1987	28.55	26.80	29.05	31.25	33.00	35.24
1988	28.70	26.92	29.19	31.37	33.22	35.27
1989	28.84	27.05	29.34	31.52	33.34	35.30
1990	28.95	27.16	29.47	31.64	33.45	35.35
1991	29.01	27.24	29.59	31.77	33.55	35.38
1992	29.11	27.38	29.69	31.89	33.70	35.46
1993	29.21	27.53	29.80	32.01	33.80	35.56
1994	29.31	27.66	29.92	32.11	33.89	35.67
1995	29.39	27.76	30.01	32.16	33.97	35.75
1996	29.51	27.88	30.15	32.24	34.02	35.74
1997	29.57	27.94	30.26	32.33	34.06	35.73
1998	29.62	27.98	30.39	32.40	34.13	35.92
1999	29.64	27.99	30.49	32.47	34.18	35.82
2000	29.65	28.00	30.52	32.54	34.29	35.79
2001	29.66	28.03	30.53	32.59	34.33	35.81
2002	29.69	28.12	30.57	32.63	34.35	35.94
2003	29.81	28.33	30.59	32.60	34.33	35.91
2004	29.90	28.49	30.67	32.58	34.24	35.92
2005	29.97	28.61	30.72	32.50	34.18	35.84
2006	30.08	28.71	30.86	32.52	34.10	35.75

Computed by the National Institute of Population and Social Security Research based on age-specific fertility rate data from the Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. Different from the mean age computed with the number of births. The data prior to 1970 do not include Okinawa Prefecture.

Figure 4.5 Mean Age of Female at Birth by Birth Order: 1954–2006



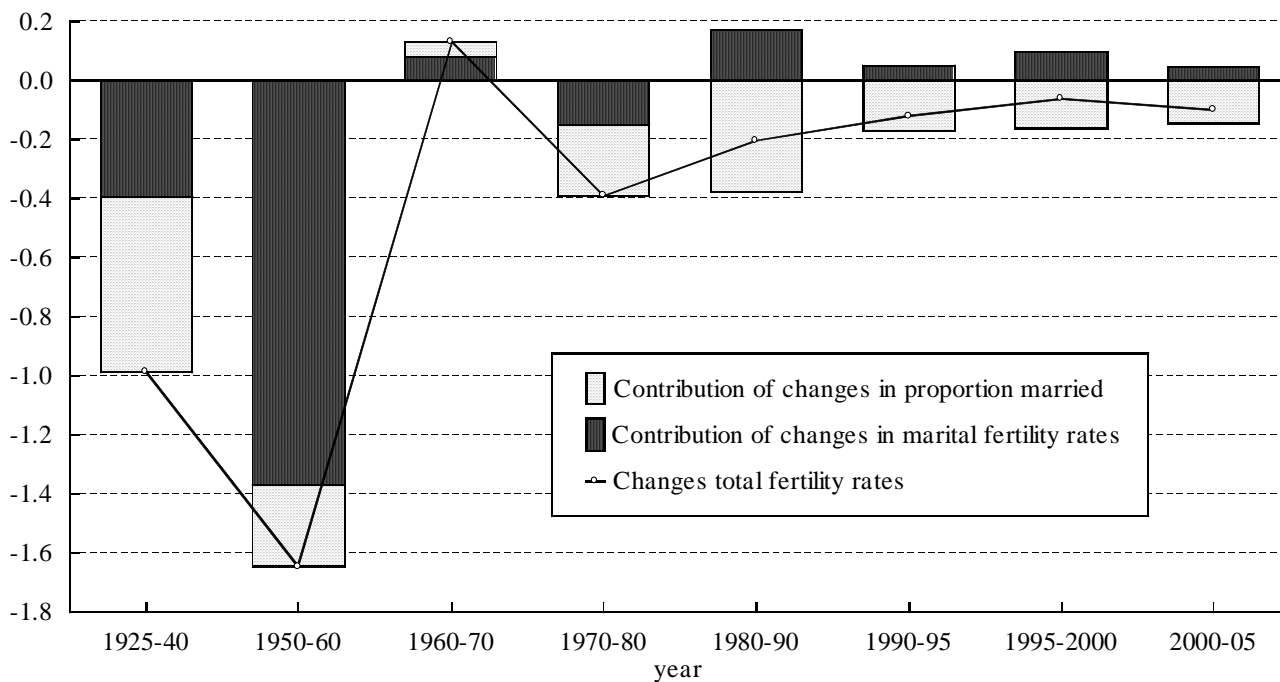
See the notes for Table 4.14.

Table 4.15 Decomposition of Differences in Total Fertility Rates: 1925–2005

	1925–40	1950–60	1960–70	1970–80	1980–90	1990–2000	2000–05
Total fertility rate							
Initial	5.10	3.65	2.00	2.13	1.75	1.54	1.36
End	4.11	2.00	2.13	1.75	1.54	1.36	1.26
Change	-0.99	-1.65	0.13	-0.39	-0.20	-0.18	-0.10
Contribution of changes in marital fertility rates							
Total	-0.39	-1.37	0.08	-0.15	0.17	0.16	0.04
Age							
15–19	-0.01	-0.01	-0.00	0.01	0.01	0.01	0.00
20–24	-0.05	-0.06	0.01	0.01	-0.02	0.02	0.00
25–29	-0.03	-0.24	0.10	-0.06	-0.00	-0.02	-0.01
30–34	-0.08	-0.50	0.01	-0.07	0.14	0.09	0.01
35–39	-0.14	-0.41	-0.02	-0.03	0.04	0.06	0.03
40–44	-0.07	-0.15	-0.01	-0.01	0.00	0.01	0.01
45–49	-0.02	-0.01	-0.00	-0.00	-0.00	0.00	0.00
Birth order							
1st birth	...	...	0.07	-0.00	0.09	0.16	0.03
2nd birth	...	...	0.17	-0.08	0.03	0.03	0.02
3rd birth	...	...	-0.01	-0.04	0.05	-0.04	-0.01
4th birth	...	...	-0.06	-0.02	0.01	-0.00	-0.00
5th and over	...	...	-0.08	-0.01	-0.00	0.00	-0.00
Contribution of changes in proportion married							
Total	-0.59	-0.27	0.05	-0.24	-0.38	-0.34	-0.14
Age							
15–19	-0.14	-0.04	0.00	-0.01	-0.01	0.00	-0.00
20–24	-0.36	-0.22	-0.02	-0.14	-0.13	-0.06	-0.01
25–29	-0.07	-0.04	0.04	-0.08	-0.21	-0.18	-0.07
30–34	-0.02	0.02	0.02	-0.01	-0.03	-0.09	-0.04
35–39	-0.00	0.01	0.00	0.00	-0.00	-0.01	-0.01
40–44	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00
45–49	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00

Computed by the National Institute of Population and Social Security Research. Based on the data on single years of age.

Figure 4.6 Decomposition of Differences in Total Fertility Rates: 1925–2005



See the notes for Table 4.15.

Table 4.16 Illegitimate Births: 1925–2006

Year	Illegitimate births	Proportion (%)	Year	Illegitimate births	Proportion (%)	Year	Illegitimate births	Proportion (%)
1925	151,448	7.26	1965	17,452	0.96	1986	13,398	0.97
1930	134,221	6.44	1966	15,523	1.14	1987	13,138	0.98
1940	86,820	4.10	1967	16,977	0.88	1988	13,324	1.01
1947	101,580	3.79	1968	17,999	0.96	1989	12,826	1.03
1948	84,661	3.16	1969	17,510	0.93	1990	13,039	1.07
1949	71,489	2.65	1970	17,982	0.93	1991	13,592	1.11
1950	57,789	2.47	1971	17,278	0.86	1992	13,738	1.14
1951	46,859	2.19	1972	17,724	0.87	1993	13,665	1.15
1952	39,622	1.98	1973	17,730	0.85	1994	14,716	1.19
1953	35,036	1.88	1974	16,547	0.82	1995	14,718	1.24
1954	30,899	1.75	1975	15,266	0.80	1996	15,453	1.28
1955	29,018	1.68	1976	14,207	0.78	1997	16,659	1.40
1956	25,895	1.55	1977	13,812	0.79	1998	17,204	1.43
1957	23,429	1.50	1978	13,164	0.77	1999	18,280	1.55
1958	23,051	1.39	1979	12,857	0.78	2000	19,436	1.63
1959	21,649	1.33	1980	12,548	0.80	2001	20,369	1.74
1960	19,612	1.22	1981	13,201	0.86	2002	21,631	1.87
1961	18,438	1.16	1982	13,076	0.86	2003	21,634	1.93
1962	17,962	1.11	1983	13,862	0.92	2004	22,156	1.99
1963	17,427	1.05	1984	14,747	0.99	2005	21,533	2.03
1964	17,229	1.00	1985	14,168	0.99	2006	23,025	2.11

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The percentage is based on the total number of births.

Table 4.17 Foetal Deaths, Rates and Sex Ratio: 1900–2006

Year	Total	Foetal death rate	Proportion of spontaneous foetal deaths	Sex ratio ¹⁾	Year	Total	Foetal death rate	Proportion of spontaneous foetal deaths	Sex ratio ¹⁾
1900	137,987	88.5	...	110.7	1975	101,862	50.8	66.4	137.5
1905	142,092	89.1	...	109.5	1976	101,930	52.7	62.8	140.8
1915	141,301	72.8	...	114.8	1977	95,247	51.5	63.3	141.0
1925	124,403	56.3	...	119.6	1978	87,463	48.7	63.8	142.4
1935	115,593	50.1	...	119.3	1979	82,311	47.7	62.1	146.1
1947	123,837	44.2	...	123.0	1980	77,446	46.8	61.5	151.4
1948	143,963	50.9	72.5	124.3	1981	79,222	49.2	58.4	154.7
1949	192,677	66.7	59.2	126.7	1982	78,107	49.0	56.5	158.9
1950	216,974	84.9	49.1	128.1	1983	71,941	45.5	55.8	154.9
1951	217,231	92.2	46.6	127.7	1984	72,361	46.3	52.5	161.3
1952	203,824	92.3	46.4	127.5	1985	69,009	46.0	48.0	167.1
1953	193,274	93.8	46.4	128.8	1986	65,678	45.3	47.3	169.7
1954	187,119	95.6	46.6	129.1	1987	63,834	45.3	46.9	178.5
1955	183,265	95.8	46.5	129.6	1988	59,636	43.4	44.9	177.6
1956	179,007	97.1	48.4	128.4	1989	55,204	42.4	44.5	182.5
1957	176,353	101.2	49.3	128.1	1990	53,892	42.3	43.4	190.2
1958	185,148	100.7	49.8	127.8	1991	50,510	39.7	44.2	190.1
1959	181,893	100.6	51.0	128.1	1992	48,896	38.9	44.4	195.0
1960	179,281	100.4	52.1	127.0	1993	45,090	36.6	44.8	198.3
1961	179,895	101.7	53.4	127.9	1994	42,962	33.5	46.0	197.9
1962	177,363	98.8	54.8	125.7	1995	39,403	32.1	46.3	205.5
1963	175,424	95.6	55.7	128.5	1996	39,536	31.7	46.4	204.6
1964	168,046	89.2	57.9	127.3	1997	39,546	32.1	44.1	210.4
1965	161,617	81.4	58.5	129.1	1998	38,988	31.4	43.4	210.7
1966	148,248	98.2	56.2	128.5	1999	38,452	31.6	43.5	209.3
1967	149,389	71.6	60.9	129.3	2000	38,393	31.2	42.2	217.0
1968	143,259	71.1	61.0	130.7	2001	37,467	31.0	41.9	223.1
1969	139,211	68.6	61.6	133.0	2002	36,978	31.1	41.0	221.3
1970	135,095	65.3	62.2	132.2	2003	35,330	30.5	41.4	221.4
1971	130,920	61.4	64.0	132.4	2004	34,365	30.0	41.6	224.3
1972	125,154	57.8	65.3	136.0	2005	31,818	29.1	42.4	229.0
1973	116,171	52.6	67.7	137.9	2006	30,911	27.5	43.4	224.1
1974	109,738	51.3	68.0	137.0					

Number of fetuses born dead after 12 or more weeks of gestation from the Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The data prior to 1970 do not include Okinawa Prefecture. Foetal death rate is the rate per 1,000 births inclusive of foetal deaths (birth + foetal death).

1) Male foetal deaths per 100 female foetal deaths.

Table 4.18 Induced Abortions and Sterilizations: 1949–2006

Year	Induced abortions			Number of sterilization	Year	Induced abortions			Number of sterilization
	Number	Rates per 1,000 women aged 15-49 (%)	Abortion-birth ratio			Number	Rates per 1,000 women aged 15-49 (%)	Abortion-birth ratio	
1949	101,601	4.9	3.8	5,695	1978	618,044	20.3	36.2	9,336
1950	320,150	15.1	13.7	11,403	1979	613,676	20.1	37.4	9,412
1951	458,757	21.3	21.5	16,233	1980	598,084	19.5	37.9	9,201
1952	798,193	36.3	39.8	22,424	1981	596,569	19.5	39.0	9,516
1953	1,068,066	47.7	57.2	32,552	1982	590,299	19.3	39.0	8,442
1954	1,143,059	50.2	64.6	38,056	1983	568,363	18.5	37.7	8,546
1955	1,170,143	50.2	67.6	43,255	1984	568,916	18.5	38.2	8,194
1956	1,159,288	48.7	69.6	44,485	1985	550,127	17.8	38.4	7,657
1957	1,122,316	46.2	71.6	44,400	1986	527,900	17.1	38.2	7,729
1958	1,128,231	45.6	68.2	41,985	1987	497,756	16.0	37.0	7,347
1959	1,098,853	43.6	67.6	40,092	1988	486,146	15.6	37.0	7,286
1960	1,063,256	42.0	66.2	38,722	1989	466,876	14.9	37.4	6,984
1961	1,035,329	40.6	65.1	35,483	1990	456,797	14.5	37.4	6,709
1962	985,351	37.8	60.9	32,434	1991	436,299	13.9	35.7	6,138
1963	955,092	35.7	57.6	32,666	1992	413,032	13.2	34.2	5,639
1964	878,748	42.1	51.2	29,468	1993	386,807	12.4	32.6	4,970
1965	843,248	30.2	46.2	27,022	1994	364,350	11.8	29.4	4,466
1966	808,378	28.5	59.4	22,991	1995	343,024	11.1	28.9	4,185
1967	747,490	26.0	38.6	21,464	1996	338,867	10.9	28.1	3,804
1968	757,389	26.0	40.5	18,827	1997	337,799	11.0	28.3	4,401
1969	744,451	25.3	39.4	17,356	1998	332,220	11.0	27.7	4,203
1970	732,033	24.8	37.8	15,830	1999	337,288	11.3	28.6	3,969
1971	739,674	24.9	37.0	14,104	2000	341,146	11.7	28.7	3,735
1972	732,653	24.5	35.9	11,916	2001	341,588	11.8	29.2	3,530
1973	700,532	23.2	33.5	11,737	2002	329,326	11.4	28.5	3,194
1974	679,837	22.4	33.5	10,705	2003	319,831	11.2	28.5	2,873
1975	671,597	22.1	35.3	10,100	2004	301,673	10.6	27.2	2,875
1976	664,106	21.8	36.2	9,453	2005	289,127	10.3	27.2	2,531
1977	641,242	21.1	36.5	9,520	2006	276,352	9.9	25.3	2,680

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Maternal Body Protection Statistics*, etc. The data prior to 1972 do not include Okinawa Prefecture. Induced abortion rate is concerned with the population of women aged 15–49. Abortion-birth ratio is the ratio of the number of induced abortions to 100 births. Since 2002, the ministry has reported the numbers and rates of induced abortions in the periods of the fiscal year (from April of the year to March of the following year).

Table 4.19 Intended Number of Children for Age of Married Women: 1977–2005

(persons)

Survey	Total	Age					
		20–24	25–29	30–34	35–39	40–44	45–49
The 7th JNFS (1977)	2.17	2.19	2.16	2.21	2.15	2.11	2.24
The 8th JNFS (1982)	2.20	2.25	2.29	2.23	2.19	2.17	2.13
The 9th JNFS (1992)	2.23	2.27	2.36	2.29	2.20	2.16	2.16
The 10th JNFS (1992)	2.18	2.24	2.21	2.22	2.24	2.14	2.12
The 11th JNFS (1997)	2.16	2.15	2.17	2.19	2.17	2.18	2.10
The 12th JNFS (1997)	2.13	2.23	2.13	2.08	2.08	2.17	2.18
The 13th JNFS (2002)	2.11	2.27	2.15	2.13	2.09	2.05	2.16

Source: National Institute of Population and Social Security Research, *Japanese National Fertility Survey*. The object is first married couples, the wife of which was aged under 50 in each survey. Expected number of children is the sum of the number of living children and the number of children expected to be added.

Table 4.20 Contraceptive Use among Married Women: 1950–2004

(%)

Contraceptive use	1950	1959	1967	1971	1977	1984	1990	1994	2000	2004
Currently practice	19.5	42.5	53.0	52.6	60.4	57.3	57.9	58.6	55.9	52
Have practiced but currently not	9.6	20.0	19.2	20.2	19.4	23.4	20.4	19.8	20.3	24
Never practiced	63.6	33.1	23.1	16.8	13.3	16.5	16.5	15.4	19.3	18
Others/ not stated	7.3	4.2	4.7	10.4	6.9	2.8	5.1	6.2	4.5	6

Source: The Population Problems Research Council, the Mainichi Shimbun, *National Survey on Family Planning* (1950–2000) and *The Survey on Population, Family and Generation* (2004). The object is married women aged under 50.

Table 4.21 Methods of Contraception among Married Women: 1950–2004

(%)

Method of contraception	1950	1959	1967	1971	1977	1984	1990	1994	2000	2004
Condom	35.6	58.3	65.2	72.7	78.9	80.4	73.9	77.7	75.3	78
Ogino method	27.4	40.4	37.4	32.9	27.0	11.8	7.3	7.1	6.5	3
IUD/ pill	...	...	6.1	9.6	12.4	8.5	5.7	4.3	4.2	2
Sterilization	...	6.3	3.6	3.9	5.3	10.5	9.8	7.0	6.4	4
Withdrawal/ spermicides/ others ¹⁾	55.0	43.0	26.4	21.0	15.2	6.0	9.0	8.6	27.5	28
BBT method	...	6.1	...	...	...	8.4	8.0	6.8	9.8	5
Others/ not stated	15.0	5.3	4.2	4.3	3.2	5.4	2.5	3.1	2.4	1

Source: The Population Problems Research Council, the Mainichi Shimbun, *National Survey on Family Planning* (1950–2000) and *The Survey on Population, Family and Generation* (2004). The percentage in the early surveys (from 1950 to 1977) concerns individuals who have experienced contraception (including current users). The percentage in the recent surveys (from 1984 to 2004) concerns individuals currently practicing contraception. Because of the use of multiple-choice questionnaires, the sum might be over 100%. The object is married women aged under 50.

1) Including spermicide pills.

Table 4.22 Proportion of Married Women Who Have Experienced Induced Abortion: 1952–2000

(%)

Experience of induced abortion	1952	1959	1967	1971	1977	1984	1990	1994	1998	2000
No experience	68.4	62.1	51.8	50.8	56.4	55.8	64.5	67.7	72.0	71.0
Have experienced	15.4	10.5	35.1	37.1	36.1	39.8	29.4	25.9	23.1	24.9
Once	...	...	19.5	20.6	20.7	21.1	18.3	16.0	15.3	16.8
Twice	...	...	8.6	11.3	10.8	12.1	7.5	6.8	5.1	6.0
Three times	...	...	3.0	3.7	3.7	4.6	2.8	2.5	1.8	1.4
Four times (or more)	...	...	1.1	1.5	0.9	2.0	0.8	0.6	0.9	0.8
Others/ not stated	16.2	27.4	13.1	12.1	7.5	4.4	6.1	6.5	4.8	4.1
Average times among those experienced	...	...	1.6	1.6	1.6	1.7	1.5	1.5	1.5	1.4

Source: The Population Problems Research Council, the Mainichi Shimbun, *Summary of the Twenty-fifth National Survey on Family Planning*. The object is married women aged under 50.

Table 4.23 Mean Number of Children Born to Married Women: 1972–2005

(persons)

Survey	Total	Age					
		20–24	25–29	30–34	35–39	40–44	45–49
The 6th JNFS (1972)	1.93	0.64	1.41	1.99	2.18	2.35	2.73
The 7th JNFS (1977)	1.89	0.73	1.35	1.99	2.15	2.19	2.33
The 8th JNFS (1982)	1.93	0.50	1.28	1.99	2.16	2.21	2.21
The 9th JNFS (1987)	1.96	0.73	1.31	1.97	2.14	2.18	2.22
The 10th JNFS (1992)	1.90	0.69	1.09	1.76	2.15	2.16	2.18
The 11th JNFS (1997)	1.84	0.68	0.95	1.61	2.06	2.18	2.13
The 12th JNFS (2002)	1.79	0.85	0.96	1.52	1.90	2.17	2.20
The 13th JNFS (2005)	1.77	0.84	1.08	1.47	1.85	2.00	2.15

Source: National Institute of Population and Social Security Research, *Japanese National Fertility Survey*. Tabulation of first married couples, the wife of which was aged under 50.

Table 4.24 Proportion of Children Born to Married Women by Birth Cohort

Cohort (year of women's birth)	Year of survey	Age at Survey	Proportion of married women by number of children ever born (%)					Mean number of children ever born
			Childless	One	Two	Three	Four and more	
–1890	1950	60 and over	11.8	6.8	6.6	8.0	66.8	5.0
1891–1895	1950	55–59	10.1	7.3	6.8	7.6	68.1	5.1
1896–1900	1950	50–54	9.4	7.6	6.9	8.3	67.9	5.0
1901–1905	1950	45–49	8.6	7.5	7.4	9.0	67.4	5.0
1911–1915	1960	45–49	7.1	7.9	9.4	13.8	61.8	4.2
1921–1925	1970	45–49	6.9	9.2	24.5	29.7	29.6	2.9
1928–1932	1977	45–49	3.4	10.7	46.1	28.3	9.5	2.3
1933–1937	1982	45–49	3.6	10.7	54.0	25.6	5.7	2.2
1938–1942	1987	45–49	3.0	10.0	54.9	25.6	5.7	2.2
1943–1947	1992	45–49	3.8	8.9	57.0	23.9	5.0	2.2
1948–1952	1997	45–49	3.2	12.1	55.5	24.0	3.5	2.1
1953–1957	2002	45–49	4.1	9.1	52.9	28.4	4.0	2.2
1956–1960	2005	45–49	5.6	11.0	49.5	28.5	3.8	2.2

Source: Statistics Bureau, Ministry of Public Management, Home Affairs, Posts and Telecommunications, *Population Census of Japan* (survey in and prior to 1970) and National Institute of Population and Social Security Research, *Japanese National Fertility Survey* (survey from 1977 onwards).