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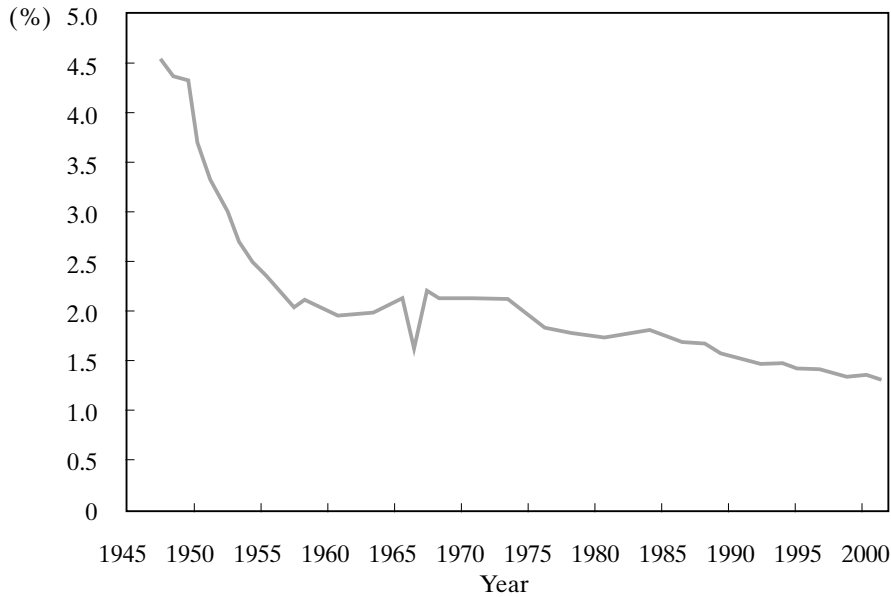
## Appendix

### Statistics Related to Public Health and Medical Systems

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#### 1. Overview

**Figure A-1 Total Fertility Rate**



The total fertility rate reached around 4.4 during the “Baby Boom,” but fell sharply after 1949, and dropped by more than half between 1949 and 1957. A rate of 2.0~2.1 was maintained for most of the period 1957~1973. The number of children one woman would bear on average throughout her lifetime had therefore become

approximately 2. A continued slow decline in the birthrate ensued.

The drop in the birthrate in 1966 occurred because it was a Year of the Fire Horse, an inauspicious event that occurs once every 60 years (a superstition says that women born in this year would be deadly to men).

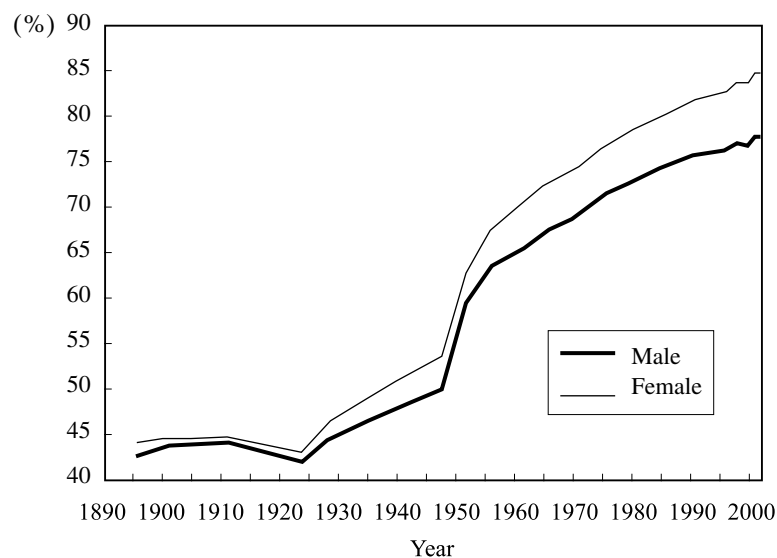
**Table A-1 Main Population Vital Statistics and Population** [number]

Year	Population	Births	Deaths	Natural Increase	Infant mortality	Neonatal mortality	Perinatal mortality	Maternal mortality	Stillbirths			(Reference) perinatal deaths
									Total	Natural stillbirths	Induced stillbirths	
1899	43,404,000	1,386,981	932,087	454,894	213,359	108,077	—	6,240	135,727	—	—	—
1900	43,847,000	1,420,534	910,744	509,790	220,211	112,259	—	6,200	137,987	—	—	—
1901	44,359,000	1,501,591	925,810	575,781	225,107	115,794	—	6,671	155,489	—	—	—
1902	44,964,000	1,510,835	959,126	551,709	232,652	116,654	—	6,556	157,708	—	—	—
1903	45,546,000	1,489,816	931,008	558,808	226,982	112,909	—	6,071	153,920	—	—	—
1904	46,135,000	1,440,371	955,400	484,971	218,756	106,477	—	5,742	147,058	—	—	—
1905	46,620,000	1,452,770	1,004,661	448,109	220,450	103,382	—	6,185	142,092	—	—	—
1906	47,038,000	1,394,295	955,256	439,039	214,148	105,307	—	6,237	149,731	—	—	—
1907	47,416,000	1,614,472	1,016,798	597,674	244,300	118,617	—	6,628	158,814	—	—	—
1908	47,965,000	1,662,815	1,029,447	633,368	262,801	123,867	—	7,091	162,676	—	—	—
1909	48,554,000	1,693,850	1,091,264	602,586	283,436	129,629	—	6,399	161,576	—	—	—
1910	49,184,000	1,712,857	1,064,234	648,623	276,136	126,910	—	6,228	157,392	—	—	—
1911	49,852,000	1,747,803	1,043,906	703,897	276,798	127,302	—	6,192	155,319	—	—	—
1912	50,577,000	1,737,674	1,037,016	700,658	268,025	123,902	—	5,770	147,545	—	—	—
1913	51,305,000	1,757,441	1,027,257	730,184	267,281	124,213	—	5,900	147,769	—	—	—
1914	52,039,000	1,808,402	1,101,815	706,587	286,678	125,745	—	6,418	145,692	—	—	—
1915	52,752,000	1,799,326	1,093,793	705,533	288,634	125,337	—	6,452	141,301	—	—	—
1916	53,496,000	1,804,822	1,187,832	616,990	307,283	132,000	—	6,337	139,998	—	—	—
1917	54,134,000	1,812,413	1,199,669	612,744	313,872	139,717	—	6,368	140,328	—	—	—
1918	54,739,000	1,791,992	1,493,162	298,830	337,919	145,710	—	6,812	142,507	—	—	—
1919	55,033,000	1,778,685	1,281,965	496,720	303,202	129,072	—	5,910	132,939	—	—	—
1920	55,963,053	2,025,564	1,422,096	603,468	335,613	139,681	—	7,158	144,038	—	—	—
1921	56,665,900	1,990,876	1,288,570	702,306	335,143	136,342	—	7,181	138,301	—	—	—
1922	57,390,100	1,969,314	1,286,941	682,373	327,604	132,856	—	6,565	132,244	—	—	—
1923	58,119,200	2,043,297	1,332,485	710,812	333,930	135,504	—	6,899	133,863	—	—	—
1924	58,875,600	1,998,520	1,254,946	743,574	312,267	126,385	—	6,273	125,839	—	—	—
1925	59,736,822	2,086,091	1,210,706	875,385	297,008	121,238	—	6,309	124,403	—	—	—
1926	60,740,900	2,104,405	1,160,734	943,671	289,275	119,642	—	5,721	124,038	—	—	—
1927	61,659,300	2,060,737	1,214,323	846,414	292,084	116,240	—	5,765	116,922	—	—	—
1928	62,595,300	2,135,852	1,236,711	899,141	293,881	115,682	—	5,997	120,191	—	—	—
1929	63,460,600	2,077,026	1,261,228	815,798	295,178	115,009	—	5,867	116,971	—	—	—
1930	64,450,005	2,085,101	1,170,867	914,234	258,703	104,101	—	5,681	117,730	—	—	—
1931	65,457,500	2,102,784	1,240,891	861,893	276,584	108,812	—	5,667	116,509	—	—	—
1932	66,433,800	2,182,742	1,175,344	1,007,398	256,505	104,573	—	5,530	119,579	—	—	—
1933	67,431,600	2,121,253	1,193,987	927,266	257,251	102,887	—	5,763	114,138	—	—	—
1934	68,308,900	2,043,783	1,234,684	809,099	255,063	103,408	—	5,709	113,043	—	—	—
1935	69,254,148	2,190,704	1,161,936	1,028,768	233,706	97,994	—	5,698	115,593	—	—	—
1936	70,113,600	2,101,969	1,230,278	871,691	245,357	101,043	—	5,384	111,056	—	—	—
1937	70,630,400	2,180,734	1,207,899	972,835	230,701	95,465	—	5,444	111,485	—	—	—
1938	71,012,600	1,928,321	1,259,805	668,516	220,695	89,159	—	4,877	99,528	—	—	—
1939	71,379,700	1,901,573	1,268,760	632,813	202,018	84,204	—	4,818	98,349	—	—	—
1940	71,933,000	2,115,867	1,186,595	929,272	190,509	81,869	—	5,070	102,034	—	—	—
1941	71,680,200	2,277,283	1,149,559	1,127,724	191,420	77,829	—	4,929	103,400	—	—	—
1942	72,384,500	2,233,660	1,166,630	1,067,030	190,897	76,177	—	4,586	95,448	—	—	—
1943	72,883,100	2,253,535	1,213,811	1,039,724	195,219	76,588	—	4,542	92,889	—	—	—
1944	—	—	—	—	—	—	—	—	—	—	—	—
1945	71,998,100	—	—	—	—	—	—	—	—	—	—	—
1946	—	—	—	—	—	—	—	—	—	—	—	—
1947	78,101,473	2,678,792	1,138,238	1,540,554	205,360	84,204	—	4,488	123,837	—	—	—
1948	80,002,500	2,681,624	950,610	1,731,014	165,406	73,855	—	4,437	143,963	—	—	—
1949	81,772,600	2,696,638	945,444	1,751,194	168,467	72,432	—	4,601	192,677	104,325	31,055	—
1950	83,199,637	2,337,507	904,876	1,432,631	140,515	64,142	—	4,117	216,974	106,594	110,380	108,843
1951	84,573,000	2,137,689	838,998	1,298,691	122,869	58,686	—	3,691	217,231	101,237	115,994	—
1952	85,852,000	2,005,162	765,068	1,240,094	99,114	51,015	—	3,417	203,824	94,508	109,316	—
1953	87,033,000	1,868,040	772,547	1,095,493	91,424	47,580	—	3,351	193,274	89,751	103,523	—
1954	88,293,000	1,769,580	721,491	1,048,089	78,944	42,726	—	3,240	187,119	87,201	99,918	—
1955	89,275,529	1,730,692	693,523	1,037,169	68,801	38,646	—	3,095	183,265	85,159	98,106	75,918
1956	90,259,000	1,665,278	724,460	940,818	67,691	38,232	—	2,838	179,007	86,558	92,449	—
1957	91,088,000	1,566,713	752,445	814,268	62,678	33,847	—	2,677	176,353	86,895	89,458	—
1958	92,010,000	1,653,469	684,189	969,280	57,052	32,237	—	2,560	185,148	92,282	92,866	—
1959	92,971,000	1,626,088	689,959	936,129	54,768	30,235	—	2,381	181,893	92,688	89,205	—
1960	93,418,501	1,606,041	706,599	899,442	49,293	27,362	—	2,097	179,281	93,424	85,857	66,552
1961	94,285,000	1,589,372	695,644	893,728	45,465	26,255	—	1,914	179,895	96,032	83,863	65,063
1962	95,178,000	1,618,616	710,265	908,351	42,797	24,777	—	1,813	177,363	97,256	80,107	62,650
1963	96,156,000	1,659,521	670,770	988,751	38,442	22,965	—	1,701	175,424	97,711	77,713	60,049
1964	97,186,000	1,716,761	673,067	1,043,694	34,967	21,344	—	1,699	168,046	97,357	70,689	56,827
1965	98,274,961	1,823,697	700,438	1,123,259	33,742	21,260	—	1,597	161,617	94,476	67,141	54,904
1966	99,056,000	1,360,974	670,342	690,632	26,217	16,296	—	1,266	148,248	83,253	64,995	42,583
1967	99,637,000	1,935,647	675,006	1,260,641	28,928	19,248	—	1,365	149,389	90,938	58,451	50,846
1968	100,794,000	1,871,839	686,555	1,185,284	28,600	18,326	—	1,275	143,259	87,381	55,878	45,921
1969	102,022,000	1,889,815	693,787	1,196,028	26,874	17,116	—	1,094	139,211	85,788	53,423	43,419
1970	103,119,447	1,934,239	712,962	1,221,277	25,412	16,742	—	1,008	135,095	84,073	51,022	41,917
1971	104,345,000	2,000,973	684,521	1,316,452	24,805	16,450	—	905	130,920	83,827	47,093	40,900
1972	105,742,000	2,038,682	683,751	1,354,931	23,773	15,817	—	827	125,154	81,741	43,413	38,754
1973	108,079,000	2,091,983	709,416	1,382,567	23,683	15,473	—	801	116,171	78,613	37,558	37,598
1974	109,410,000	2,029,989	710,510	1,319,479	21,888	14,472	—	700	109,738	74,618	35,120	34,383
1975	111,251,507	1,901,440	702,275	1,199,165	19,103	12,912	—	546	101,862	67,643	34,219	30,513
1976	112,420,000	1,832,617	703,270	1,129,347	17,105	11,638	—	474	101,930	64,046	37,884	27,133
1977	113,499,000	1,755,100	690,074	1,065,026	15,666	10,773	—	406	95,247	60,330	34,917	24,708
1978	114,511,000	1,708,643	695,821	1,012,822	14,327	9,628	—	378	87,463	55,818	31,645	22,217
1979	115,465,000	1,642,580	689,664	952,916	12,923	8,590	36,190	376	82,311	51,083	31,228	20,481
1980	116,320,358	1,576,889	722,801	854,088	11,841	7,796	32,422	323	77,446	47,651	29,795	18,385
1981	117,204,000	1,529,455	720,262	809,193	10,891	7,188	30,274	294	79,222	46,296	32,926	16,531
1982	118,008,000	1,515,392	711,883	803,509	9,969	6,425	28,204	279	78,107	44,135	33,972	15,303
1983	118,786,000	1,508,687	740,038	768,649	9,406	5,894	25,925	234	71,941	40,108	31,833	14,035
1984	119,523,000											

**Table A-1 Main Population Vital Statistics and Population (Cont'd)** [Rates]

Year	Live births rate per 1,000 population	Mortality rate per 1,000 population	Natural increase rate per 1,000 population	Infant mortality rate per 1,000 births	Neonatal mortality rate per 1,000 births	Perinatal mortality rate per 1,000 births	Maternal mortality rate		Stillbirth rate per 1,000 births			Fertility rate	(Reference) perinatal mortality rate per 1,000 births
							per 100,000 births	per 100,000 births	Stillbirth rate	Natural stillbirth rate	Induced stillbirth rate		
1899	32.0	21.5	10.5	153.8	77.9	—	409.8	449.9	89.1	—	—	—	—
1900	32.4	20.8	11.6	155.0	79.0	—	397.8	436.5	88.5	—	—	—	—
1901	33.9	20.9	13.0	149.9	77.1	—	402.6	444.3	93.8	—	—	—	—
1902	33.6	21.3	12.3	154.0	77.2	—	392.9	433.9	94.5	—	—	—	—
1903	32.7	20.4	12.3	152.4	75.8	—	369.3	407.5	93.6	—	—	—	—
1904	31.2	20.7	10.5	151.9	73.9	—	361.7	398.6	92.6	—	—	—	—
1905	31.2	21.6	9.6	151.7	71.2	—	387.8	425.7	89.1	—	—	—	—
1906	29.6	20.3	9.3	153.6	75.5	—	403.9	447.3	97.0	—	—	—	—
1907	34.0	21.4	12.6	151.3	73.5	—	373.8	410.5	89.6	—	—	—	—
1908	34.7	21.5	13.2	158.0	74.5	—	388.4	426.4	89.1	—	—	—	—
1909	34.9	22.5	12.4	167.3	76.5	—	344.9	377.8	87.1	—	—	—	—
1910	34.8	21.6	13.2	161.2	74.1	—	333.0	363.6	84.2	—	—	—	—
1911	35.1	20.9	14.1	158.4	72.8	—	325.4	354.3	81.6	—	—	—	—
1912	34.4	20.5	13.9	154.2	71.3	—	306.1	332.1	78.3	—	—	—	—
1913	34.3	20.0	14.2	152.1	70.7	—	309.7	335.7	77.6	—	—	—	—
1914	34.8	21.2	13.6	158.5	69.5	—	328.4	354.9	74.6	—	—	—	—
1915	34.1	20.7	13.4	160.4	69.7	—	332.5	358.6	72.8	—	—	—	—
1916	33.7	22.2	11.5	170.3	73.1	—	325.8	351.1	72.0	—	—	—	—
1917	33.5	22.2	11.3	173.2	77.1	—	326.1	351.4	71.9	—	—	—	—
1918	32.7	27.3	5.5	188.6	81.3	—	352.1	380.1	73.7	—	—	—	—
1919	32.3	23.3	9.0	170.5	72.6	—	309.2	332.3	69.5	—	—	—	—
1920	36.2	25.4	10.8	165.7	69.0	—	329.9	353.4	66.4	—	—	—	—
1921	35.1	22.7	12.4	168.3	68.5	—	337.3	360.7	65.0	—	—	—	—
1922	34.3	22.4	11.9	166.4	67.5	—	312.4	333.4	62.9	—	—	—	—
1923	35.2	22.9	12.2	163.4	66.3	—	316.9	337.6	61.5	—	—	—	—
1924	33.9	21.3	12.6	156.2	63.2	—	295.3	313.9	59.2	—	—	—	—
1925	34.9	20.3	14.7	142.4	58.1	—	285.4	302.4	56.3	—	—	—	—
1926	34.6	19.1	15.5	137.5	56.9	—	256.7	271.9	55.7	—	—	—	—
1927	33.4	19.7	13.7	141.7	56.4	—	264.7	279.8	53.7	—	—	—	—
1928	34.1	19.8	14.4	137.6	54.2	—	265.8	280.8	53.3	—	—	—	—
1929	32.7	19.9	12.9	142.1	55.4	—	267.4	282.5	53.3	—	—	—	—
1930	32.4	18.2	14.2	124.1	49.9	—	257.9	272.5	53.4	—	—	—	—
1931	32.1	19.0	13.2	131.5	51.7	—	255.4	269.5	52.5	—	—	—	—
1932	32.9	17.7	15.2	117.5	47.9	—	240.2	253.4	51.9	—	—	—	—
1933	31.5	17.7	13.8	121.3	48.5	—	257.8	271.7	51.1	—	—	—	—
1934	29.9	18.1	11.8	124.8	50.6	—	264.7	279.3	52.4	—	—	—	—
1935	31.6	16.8	14.9	106.7	44.7	—	247.1	260.1	50.1	—	—	—	—
1936	30.0	17.5	12.4	116.7	48.1	—	243.3	256.1	50.2	—	—	—	—
1937	30.9	17.1	13.8	105.8	43.8	—	237.5	249.6	48.6	—	—	—	—
1938	27.2	17.7	9.4	114.4	46.2	—	240.5	252.9	49.1	—	—	—	—
1939	26.6	17.8	8.9	106.2	44.3	—	240.9	253.4	49.2	—	—	—	—
1940	29.4	16.5	12.9	90.0	38.7	—	228.6	239.6	46.0	—	—	—	—
1941	31.8	16.0	15.7	84.1	34.2	—	207.0	216.4	43.4	—	—	—	—
1942	30.9	16.1	14.7	85.5	34.1	—	196.9	205.3	41.0	—	—	—	—
1943	30.9	16.7	14.3	86.6	33.8	—	193.6	201.6	39.6	—	—	—	—
1944	—	—	—	—	—	—	—	—	—	—	—	—	—
1945	—	—	—	—	—	—	—	—	—	—	—	—	—
1946	—	—	—	—	—	—	—	—	—	—	—	—	—
1947	34.3	14.6	19.7	76.7	31.4	—	160.1	167.5	44.2	—	—	4.54	—
1948	33.5	11.9	21.6	61.7	27.5	—	137.0	165.5	50.9	36.9	10.9	4.40	—
1949	33.0	11.6	21.4	62.5	26.9	—	159.2	170.6	66.7	39.1	25.9	4.32	—
1950	28.1	10.9	17.2	60.1	27.4	—	161.2	176.1	84.9	41.7	43.2	3.65	46.6
1951	25.3	9.9	15.4	57.5	27.5	—	156.7	172.7	92.2	43.0	49.3	3.26	—
1952	23.4	8.9	14.4	49.4	25.4	—	154.7	170.4	92.3	42.8	49.5	2.98	—
1953	21.5	8.9	12.6	48.9	25.5	—	162.6	179.4	93.8	43.5	50.2	2.69	—
1954	20.0	8.2	11.9	44.6	24.1	—	165.6	183.1	95.6	44.6	51.1	2.48	—
1955	19.4	7.8	11.6	39.8	22.3	—	161.7	178.8	95.8	44.5	51.3	2.37	43.9
1956	18.4	8.0	10.4	40.6	23.0	—	153.9	170.4	97.1	46.9	50.1	2.22	—
1957	17.2	8.3	8.9	40.0	21.6	—	153.6	170.9	101.2	49.9	51.3	2.04	—
1958	18.0	7.4	10.5	34.5	19.5	—	139.2	154.8	100.7	50.2	50.5	2.11	—
1959	17.5	7.4	10.1	33.7	18.6	—	131.7	146.4	100.6	51.3	49.3	2.04	—
1960	17.2	7.6	9.6	30.7	17.0	—	117.5	130.6	100.4	52.3	48.1	2.00	41.4
1961	16.9	7.4	9.5	28.6	16.5	—	108.2	120.4	101.7	54.3	47.4	1.96	40.9
1962	17.0	7.5	9.5	26.4	15.3	—	100.9	112.0	98.8	54.2	44.6	1.98	38.7
1963	17.3	7.0	10.3	23.2	13.8	—	92.7	102.5	95.6	53.3	42.4	2.00	36.2
1964	17.7	6.9	10.7	20.4	12.4	—	90.1	99.0	89.2	51.7	37.5	2.05	33.1
1965	18.6	7.1	11.4	18.5	11.7	—	80.4	87.6	81.4	47.6	33.8	2.14	30.1
1966	13.7	6.8	7.0	19.3	12.0	—	83.9	93.0	98.2	55.2	43.1	1.58	31.3
1967	19.4	6.8	12.7	14.9	9.9	—	65.5	70.5	71.6	43.6	28.0	2.23	26.3
1968	18.6	6.8	11.8	15.3	9.8	—	63.3	68.1	71.1	43.4	27.7	2.13	24.5
1969	18.5	6.8	11.7	14.2	9.1	—	53.9	57.9	68.6	42.3	26.3	2.13	23.0
1970	18.8	6.9	11.8	13.1	8.7	—	48.7	52.1	65.3	40.6	24.7	2.13	21.7
1971	19.2	6.6	12.6	12.4	8.2	—	42.5	45.2	61.4	39.3	22.1	2.16	20.4
1972	19.3	6.5	12.8	11.7	7.8	—	38.2	40.6	57.8	37.8	20.1	2.14	19.0
1973	19.4	6.6	12.8	11.3	7.4	—	36.3	38.3	52.6	35.6	17.0	2.14	18.0
1974	18.6	6.5	12.1	10.8	7.1	—	32.7	34.5	51.3	34.9	16.4	2.05	16.9
1975	17.1	6.3	10.8	10.0	6.8	—	27.3	28.7	50.8	33.8	17.1	1.91	16.0
1976	16.3	6.3	10.0	9.3	6.4	—	24.5	25.9	52.7	33.1	19.6	1.85	14.8
1977	15.5	6.1	9.4	8.9	6.1	—	21.9	23.1	51.5	32.6	18.9	1.80	14.1
1978	14.9	6.1	8.8	8.4	5.6	—	21.0	22.1	48.7	31.1	17.6	1.79	13.0
1979	14.2	6.0	8.3	7.9	5.2	21.6	21.8	22.9	47.7	29.6	18.1	1.77	12.5
1980	13.6	6.2	7.3	7.5	4.9	20.2	19.5	20.5	46.8	28.8	18.0	1.75	11.7
1981	13.0	6.1	6.9	7.1	4.7	19.5	18.3	19.2	49.2	28.8	20.5	1.74	10.8
1982	12.8	6.0	6.8	6.6	4.2	18.3	17.5	18.4	49.0	27.7	21.3	1.77	10.1
1983	12.7	6.2	6.5	6.2	3.9	16.9	14.8	15.5	45.5	25.4	20.1	1.80	9.3
1984	12.5	6.2	6.3	6.0	3.7	16.6	14.6	15.3	46.3	24.3	22.0	1.81	8.7
1985	11.9	6.3	5.6	5.5	3.4	15.4	15.1	15.8	46.0	22.1	23.9	1.76	8.0
1986	11.4	6.2	5.2	5.2	3.1	14.6	12.9	13.5	45.3	21.4	23.9	1.72	7.3
1987	11.1	6.2	4.9	5.0	2.9	13.7	11.5	12.0	45.3	21.2	24.0	1.69	6.9
1988	10.8	6.5	4.3	4.8	2.7	12.7	9.2	9.6	43.4	19.5	23.9	1.66	6.5
1989	10.2	6.4	3.7	4.6	2.6	12.1	10.4	10.8	42.4	18.9	23.5	1.57	6.0
1990	10.0	6.7	3.3	4.6	2.6	11.1	8.2	8.6	42.3	18.3	23.9	1.54	5.7
1991	9.9	6.7	3.2	4.4	2.4	8.5	8.6	9.0	39.7	17.5	22.1	1.53	5.3
1992	9.8	6.9	2.9	4.5	2.4	8.1	8.8	9.2	38.9	17.2	21.6	1.50	5.2
1993	9.6	7.1	2.5	4.3	2.3	7.7	7.4	7.7	36.6	16.4	20.2	1.46	5.0
1994	10.0	7.1	2.9	4.2	2.3	7.5	5.9	6.1	33.5	15.4	18.1	1.50	5.0
1995	9.6	7.4	2.1	4.3	2.2	7	6.9	7.2	32.1	14.9	17.2	1.42	4.7
1996	9.7	7.2	2.5	3.8	2.0	6.7	5.8	6.0	31.7	14.7	17.0	1.43	4.4
1997	9.5	7.3	2.2	3.7									

**Figure A-2 Average Life Expectancy at Birth**



The average life expectancy at birth (average expected lifespan at age of 0) failed to improve in the early 1900s, but began to rise from 1925 onwards, and then rose sharply post-war (from 1945 onwards). The slope subsequently leveled off somewhat, but even now life expectancy at birth

continues to increase.

According to the WHO “2003 World Health Report,” the latest life expectancy at birth figure for Japanese is 78.4 for men, and women for 85.3 years, the highest in the world.

**Table A-2 Average Life Expectancy at Birth (Mean Life Expectancy at Age of 0)**

Year	Male	Female
1891 ~ 1898	42.8	44.3
1899 ~ 1903	43.97	44.85
1909 ~ 1913	44.25	44.73
1921 ~ 1925	42.06	43.20
1926 ~ 1930	44.82	46.54
1935 ~ 1936	46.92	49.63
1947	50.06	53.96
1950 ~ 1952	59.57	62.97
1955	63.60	67.75
1960	65.32	70.19
1965	67.74	72.92
1970	69.31	74.66
1975	71.73	76.89
1980	73.35	78.76
1985	74.78	80.48
1990	75.92	81.90
1995	76.38	82.85
* 1997	77.19	83.82
* 1998	77.16	84.01
* 1999	77.10	83.99
2000	77.72	84.60
* 2001	78.07	84.93

Source: \* from “Simplified Life Tables” issued by the Statistics and Information Department, Cabinet Secretariat, Ministry of Health, Labour and Welfare, other figures from “Complete Life Tables” issued by the Statistics Bureau of the Prime Minister’s Agency.

**Table A-3 Population by Age-group (3 divisions) and Indices of Age Structure**

Year	Population (1,000s)			Population Ratio (%)			Average Age (yr)	Median age (yr)	
	Total	0-14 yr	15-64 yr	Over 65 yr	0-14 yr	15-64 yr			Over 65 yr
1884 <sup>1)</sup>	37,452	11,843	23,458	2,142	31.63	62.65	5.72	28.9	21.0
1888	39,607	13,360	24,069	2,175	33.73	60.77	5.49	28.2	24.5
1898	43,764	14,367	26,989	2,405	32.83	61.67	5.49	28.0	23.9
1908	49,589	16,969	30,014	2,604	34.22	60.53	5.25	27.7	24.1
1920	55,963	20,416	32,605	2,941	36.48	58.26	5.26	26.7	22.2
1930	64,450	23,579	37,807	3,064	36.59	58.66	4.75	26.3	21.8
1940 <sup>2)</sup>	71,933	26,383	42,096	3,454	36.68	58.52	4.80	26.6	21.9
1947 <sup>3)</sup>	78,101	27,573	46,783	3,745	35.30	59.90	4.79	26.6	22.1
1950	83,200	29,428	49,658	4,109	35.37	59.69	4.94	26.6	22.3
1955	89,276	29,798	54,729	4,747	33.38	61.30	5.32	27.6	23.7
1960	93,419	28,067	60,002	5,350	30.04	64.23	5.73	29.1	25.6
1965	98,275	25,166	66,928	6,181	25.61	68.10	6.29	30.4	27.5
1970	103,720	24,823	71,566	7,331	23.93	69.00	7.07	31.5	29.1
1975	111,940	27,221	75,807	8,865	24.33	67.75	7.92	32.5	30.6
1980	117,060	27,507	78,835	10,647	23.51	67.39	9.10	33.9	32.5
1985	121,049	26,033	82,506	12,468	21.51	68.18	10.30	35.7	35.2
1990	123,611	22,486	85,904	14,895	18.19	69.50	12.05	37.6	37.7
1995	125,570	20,014	87,165	18,261	15.94	69.42	14.54	39.6	39.7
2000	126,926	18,472	86,220	22,005	14.55	67.93	17.34	41.4	41.5

N.B.: Figures from 1947~1970 do not include Okinawa Prefecture.

Totals include those of unknown age.

- 1) Includes Imperial Household members.
- 2) Corrected population, subtracting estimated armed forces and ancillary personnel for the appropriate age groups from the Population Census figures.
- 3) Corrected population, adding to the national census figures estimated numbers of people from flood-affected regions who were not surveyed, to the appropriate age groups.

The median age is the age of the person in the middle when the entire population is placed in order of age.

Average ages and median ages are calculated from the populations in each age group in years.

Source: Populations as of October 1 according to the "Population Census Report" and "Table Long-term Japanese Statistics" issued by the Statistics Bureau, Ministry of Internal Affairs and Communications.

**Table A-4 Number of Deaths and Mortality Rate by Major Causes of Death (per 100,000 population)**

	Total		Tuberculosis		Malignancies		Diabetes		Hypertensive disease)		Heart disease (Excluding hypertension)		Cerebrovascular disease	
	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate
1899	932,087	2,147.5	67,599	155.7	19,382	44.7	—	—	—	—	21,113	48.6	73,989	170.5
1920	1,422,096	2,541.1	125,165	223.7	40,648	72.6	1,725	3.1	—	—	35,540	63.5	88,186	157.6
1925	1,210,706	2,026.7	115,956	194.1	42,177	70.6	1,979	3.3	—	—	39,895	66.8	96,293	161.2
1930	1,170,867	1,816.7	119,635	185.6	45,488	70.6	2,247	3.5	—	—	41,138	63.8	104,942	162.8
1933	1,193,987	1,770.7	126,703	187.9	47,705	70.7	2,589	3.8	—	—	40,111	59.5	110,719	164.2
1934	1,234,684	1,807.5	131,525	192.5	48,822	71.5	2,718	4.0	—	—	42,519	62.2	114,447	167.5
1935	1,161,936	1,677.8	132,151	190.8	50,080	72.3	2,527	3.6	—	—	39,902	57.6	114,554	165.4
1936	1,230,278	1,754.7	145,160	207.0	50,203	71.6	2,629	3.7	—	—	42,910	61.2	118,152	168.5
1937	1,207,899	1,710.2	144,620	204.8	51,578	73.0	2,812	4.0	—	—	42,822	60.6	118,761	168.1
1938	1,259,805	1,774.1	148,827	209.6	51,358	72.3	3,043	4.3	—	—	47,461	66.8	126,861	178.6
1939	1,268,760	1,777.5	154,371	216.3	52,059	72.9	2,795	3.9	—	—	47,442	66.5	130,826	183.3
1940	1,186,595	1,649.6	153,154	212.9	51,879	72.1	2,762	3.8	—	—	45,542	63.3	127,847	177.7
1941	1,149,559	1,603.7	154,344	215.3	52,949	73.9	2,657	3.7	—	—	42,543	59.4	125,124	174.6
1942	1,166,630	1,611.7	161,484	223.1	53,897	74.5	2,619	3.6	—	—	43,487	60.1	125,349	173.2
1943	1,219,073	1,672.6	171,473	235.3	53,580	73.5	2,477	3.4	—	—	45,428	62.3	120,985	166.0
1947	1,138,238	1,457.4	146,241	187.2	53,886	69.0	1,827	2.3	—	—	48,575	62.2	101,095	129.4
1948	950,610	1,188.2	143,909	179.9	56,633	70.8	1,789	2.2	—	—	49,046	61.3	94,329	117.9
1949	945,444	1,156.2	138,113	168.8	59,889	73.2	1,876	2.3	—	—	52,763	64.5	100,278	122.6
1950	904,876	1,087.6	121,769	146.4	64,428	77.4	2,034	2.4	9,935	11.9	53,377	64.2	105,728	127.1
1951	838,998	992.0	93,307	110.3	66,354	78.5	2,058	2.4	8,865	10.5	53,750	63.6	105,858	125.2
1952	765,068	891.1	70,588	82.2	69,488	80.9	1,993	2.3	8,950	10.4	52,603	61.3	110,359	128.5
1953	772,547	887.6	57,849	66.5	71,578	82.2	2,119	2.4	9,343	10.7	56,477	64.9	116,351	133.7
1954	721,491	817.2	55,124	62.4	75,309	85.3	2,040	2.3	9,100	10.3	53,128	60.2	116,925	132.4
1955	693,523	776.8	46,735	52.3	77,721	87.1	2,191	2.5	9,073	10.2	54,351	60.9	121,504	136.1
1956	724,460	802.6	43,874	48.6	81,879	90.7	2,556	2.8	10,371	11.5	59,543	66.0	133,931	148.4
1957	752,445	826.1	42,718	46.9	83,155	91.3	2,712	3.0	11,158	12.2	66,571	73.1	138,181	151.7
1958	684,189	743.6	36,274	39.4	87,895	95.5	2,664	2.9	12,565	13.7	59,603	64.8	136,767	148.6
1959	689,959	742.1	32,992	35.5	91,286	98.2	2,794	3.0	13,503	14.5	62,954	67.7	142,858	153.7
1960	706,599	756.4	31,959	34.2	93,773	100.4	3,195	3.4	15,115	16.2	68,400	73.2	150,109	160.7
1961	695,644	737.8	27,916	29.6	96,442	102.3	3,453	3.7	16,083	17.1	68,017	72.1	155,966	165.4
1962	710,265	746.2	27,852	29.3	98,224	103.2	3,823	4.0	17,547	18.4	72,493	76.2	161,228	169.4
1963	670,770	697.6	23,302	24.2	101,426	105.5	3,980	4.1	17,469	18.2	67,672	70.4	164,818	171.4
1964	673,067	692.6	22,929	23.6	104,324	107.3	4,610	4.7	18,207	18.7	68,328	70.3	166,901	171.7
1965	700,438	712.7	22,366	22.8	106,536	108.4	5,115	5.2	18,987	19.3	75,672	77.0	172,773	175.8
1966	670,342	676.7	20,064	20.3	109,805	110.9	5,750	5.8	18,405	18.6	71,188	71.9	172,186	173.8
1967	675,006	677.5	17,708	17.8	112,593	113.0	6,132	6.2	18,211	18.3	75,424	75.7	172,464	173.1
1968	686,555	681.1	16,922	16.8	115,462	114.6	6,403	6.4	18,046	17.9	80,866	80.2	174,905	173.5
1969	693,787	680.0	16,392	16.1	118,559	116.2	7,079	6.9	17,374	17.0	83,357	81.7	177,894	174.4
1970	712,962	691.4	15,899	15.4	119,977	116.3	7,642	7.4	18,303	17.7	89,411	86.7	181,315	175.8
1971	684,521	656.0	13,608	13.0	122,850	117.7	7,647	7.3	17,386	16.7	85,529	82.0	176,952	169.6
1972	683,751	646.6	12,565	11.9	127,299	120.4	7,875	7.4	17,421	16.5	85,885	81.2	176,228	166.7
1973	709,416	656.4	11,965	11.1	130,964	121.2	8,344	7.7	18,891	17.5	94,324	87.3	180,332	166.9
1974	710,510	649.4	11,418	10.4	133,751	122.2	8,954	8.2	20,117	18.4	98,251	89.8	178,365	163.0
1975	702,275	631.2	10,567	9.5	136,383	122.6	9,032	8.1	19,831	17.8	99,226	89.2	174,367	156.7
1976	703,270	625.6	9,578	8.5	140,893	125.3	9,183	8.2	19,829	17.6	103,638	92.2	173,745	154.5
1977	690,074	608.0	8,803	7.8	145,772	128.4	9,509	8.4	19,333	17.0	103,564	91.2	170,029	149.8
1978	695,821	607.6	8,261	7.2	150,336	131.3	9,685	8.5	18,779	16.4	106,786	93.3	167,452	146.2
1979	689,664	597.3	6,738	5.8	156,661	135.7	8,044	7.0	16,143	14.0	111,938	96.9	158,974	137.7
1980	722,801	621.4	6,439	5.5	161,764	139.1	8,504	7.3	15,911	13.7	123,505	106.2	162,317	139.5
1981	720,262	614.5	5,698	4.9	166,399	142.0	8,418	7.2	15,289	13.0	126,012	107.5	157,351	134.3
1982	711,883	603.2	5,343	4.5	170,130	144.2	8,687	7.4	13,771	11.7	125,905	106.7	147,537	125.0
1983	740,038	623.0	5,329	4.5	176,206	148.3	8,892	7.5	13,482	11.3	132,244	111.3	145,880	122.8
1984	740,247	619.3	4,950	4.1	182,280	152.5	9,470	7.9	13,073	10.9	136,162	113.9	140,093	117.2
1985	752,283	625.5	4,692	3.9	187,714	156.1	9,244	7.7	12,700	10.6	141,097	117.3	134,994	112.2
1986	750,620	620.6	4,170	3.4	191,654	158.5	9,144	7.6	11,689	9.7	142,581	117.9	129,289	106.9
1987	751,172	618.1	4,022	3.3	199,563	164.2	9,134	7.5	10,734	8.8	143,909	118.4	123,626	101.7
1988	793,014	649.9	3,872	3.2	205,470	168.4	9,647	7.9	10,258	8.4	157,920	129.4	128,695	105.5
1989	788,594	644.0	3,527	2.9	212,625	173.6	9,211	7.5	9,271	7.6	156,831	128.1	120,652	98.5
1990	820,305	668.4	3,664	3.0	217,413	177.2	9,470	7.7	9,246	7.5	165,478	134.8	121,944	99.4
1991	829,797	674.1	3,325	2.7	223,727	181.7	9,634	7.8	9,083	7.4	168,878	137.2	118,448	96.2
1992	856,643	693.8	3,347	2.7	231,917	187.8	9,823	8.0	8,688	7.0	175,546	142.2	118,058	95.6
1993	878,532	709.7	3,249	2.6	235,707	190.4	10,239	8.3	8,360	6.8	180,297	145.6	118,794	96.0
1994	875,933	706.0	3,094	2.5	243,670	196.4	10,872	8.8	7,938	6.4	159,579	128.6	120,239	96.9
1995	922,139	741.9	3,178	2.6	263,022	211.6	14,225	11.4	8,222	6.6	139,206	112.0	146,552	117.9
1996	896,211	718.6	2,858	2.3	271,183	217.5	12,838	10.3	7,245	5.8	138,299	110.8	140,366	112.6
1997	913,402	730.9	2,742	2.2	275,413	220.4	12,370	9.9	6,884	5.5	140,174	112.2	138,697	111.0
1998	936,484	747.7	2,795	2.2	283,921	226.7	12,573	10.0	6,716	5.4	143,120	114.3	137,819	110.0
1999	982,031	782.9	2,935	2.3	290,556	231.6	12,814	10.2	6,650	5.3	151,079	120.4	138,989	110.8
2000	961,653	765.6	2,656	2.1	295,484	235.2	12,303	9.8	6,063	4.8	146,741	116.8	132,529	105.5
2001	970,331	770.7	2,491	2.0	300,658	238.8	12,147	9.6	5,857	4.7	148,292	117.8	131,856	104.7

N.B.: 1) Due to revisions of the classifications of cause of death, direct comparisons cannot be made between years.  
 2) The causes of death listed at the top of the table are taken from the 10th classification of causes of death.  
 3) Figures from 1947~1970 do not include Okinawa Prefecture. Karafuto (Sakhalin) is included for figures on the year of 1943. Figures from 1944~46 have been omitted due to incomplete records owing to the exigencies of war.

Source: "Population Vital Statistics," issued by the Statistics and Information Department, Cabinet Secretariat, Ministry of Health, Labour and Welfare.

**Table A-4 Number of Deaths and Mortality Rate by Major Causes of Death (per 100,000 population) (Cont'd)**

	Pneumonia		Liver disease		Renal failure		Old age		Accident		Suicide	
	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate	No. of deaths	Mortality rate
1899	43,313	99.8	—	—	—	—	55,189	127.2	21,767	50.1	5,932	13.7
1920	175,674	313.9	11,279	20.2	—	—	73,468	131.3	26,198	46.8	10,630	19.0
1925	129,129	216.2	9,667	16.2	—	—	70,065	117.3	24,982	41.8	12,249	20.5
1930	101,046	156.8	10,469	16.2	—	—	76,591	118.8	26,295	40.8	13,942	21.6
1933	106,247	157.6	8,375	12.4	—	—	82,932	123.0	30,220	44.8	14,805	22.0
1934	124,117	181.7	8,270	12.1	—	—	87,045	127.4	32,029	46.9	14,554	21.3
1935	105,078	151.7	8,074	11.7	—	—	78,972	114.0	29,023	41.9	14,172	20.5
1936	112,204	160.0	8,446	12.0	—	—	91,672	130.7	30,193	43.1	15,423	22.0
1937	108,256	153.3	8,680	12.3	—	—	84,478	119.6	30,205	42.8	14,295	20.2
1938	118,153	166.4	8,680	12.2	—	—	98,451	138.6	31,700	44.6	12,223	17.2
1939	131,542	184.3	8,650	12.1	—	—	95,173	133.3	29,328	41.1	10,785	15.1
1940	111,077	154.4	8,824	12.3	—	—	89,540	124.5	28,408	39.5	9,877	13.7
1941	104,073	145.2	8,679	12.1	—	—	89,673	125.1	28,808	40.2	9,713	13.6
1942	106,022	146.5	8,970	12.4	—	—	95,998	132.6	31,134	43.0	9,393	13.0
1943	116,494	159.8	8,981	12.3	—	—	99,162	136.1	33,519	46.0	8,784	12.1
1947	101,601	130.1	8,762	11.2	—	—	78,342	100.3	38,533	49.3	12,262	15.7
1948	52,979	66.2	9,032	11.3	—	—	63,639	79.5	38,975	48.7	12,753	15.9
1949	56,213	68.7	9,576	11.7	—	—	65,574	80.2	34,277	41.9	14,201	17.4
1950	54,169	65.1	8,630	10.4	—	—	58,412	70.2	32,850	39.5	16,311	19.6
1951	50,612	59.8	8,929	10.6	—	—	59,796	70.7	31,968	37.8	15,415	18.2
1952	42,880	49.9	10,048	11.7	—	—	59,514	69.3	31,215	36.4	15,776	18.4
1953	46,703	53.7	10,960	12.6	—	—	67,514	77.6	34,236	39.3	17,731	20.4
1954	37,719	42.7	11,657	13.2	—	—	61,334	69.5	34,812	39.4	20,635	23.4
1955	34,309	38.4	11,827	13.2	—	—	59,932	67.1	33,265	37.3	22,477	25.2
1956	34,870	38.6	12,599	14.0	—	—	68,414	75.8	33,258	36.8	22,107	24.5
1957	43,754	48.0	12,674	13.9	—	—	73,283	80.5	34,528	37.9	22,136	24.3
1958	35,252	38.3	12,463	13.5	—	—	51,046	55.5	35,785	38.9	23,641	25.7
1959	34,229	36.8	12,836	13.8	—	—	52,687	56.7	41,662	44.8	21,090	22.7
1960	37,534	40.2	13,389	14.3	—	—	54,139	58.0	38,964	41.7	20,143	21.6
1961	31,839	33.8	13,633	14.5	—	—	54,880	58.2	41,614	44.1	18,446	19.6
1962	34,839	36.6	13,549	14.2	—	—	54,738	57.5	38,393	40.3	16,724	17.6
1963	26,109	27.2	13,944	14.5	—	—	48,466	50.4	39,698	41.3	15,490	16.1
1964	25,547	26.3	13,945	14.3	—	—	46,995	48.4	40,437	41.6	14,707	15.1
1965	29,868	30.4	13,663	13.9	—	—	49,092	50.0	40,188	40.9	14,444	14.7
1966	22,654	22.9	13,853	14.0	—	—	44,209	44.6	42,574	43.0	15,050	15.2
1967	23,451	23.5	14,395	14.4	—	—	43,129	43.3	41,769	41.9	14,121	14.2
1968	25,188	25.0	15,470	15.3	—	—	39,750	39.4	40,564	40.2	14,601	14.5
1969	25,408	24.9	16,348	16.0	—	—	37,817	37.1	43,011	42.2	14,844	14.5
1970	27,929	27.1	17,097	16.6	—	—	39,277	38.1	43,802	42.5	15,728	15.3
1971	23,102	22.1	16,815	16.1	—	—	35,457	34.0	42,433	40.7	16,239	15.6
1972	23,204	21.9	16,911	16.0	—	—	32,520	30.8	42,431	40.1	18,015	17.0
1973	26,996	25.0	17,573	16.3	—	—	33,415	30.9	40,244	37.2	18,859	17.4
1974	28,557	26.1	18,039	16.5	—	—	32,486	29.7	36,085	33.0	19,105	17.5
1975	30,441	27.4	18,101	16.3	—	—	29,916	26.9	33,710	30.3	19,975	18.0
1976	29,913	26.6	18,280	16.3	—	—	29,659	26.4	31,489	28.0	19,786	17.6
1977	26,440	23.3	18,173	16.0	—	—	28,381	25.0	30,352	26.7	20,269	17.9
1978	28,241	24.7	18,789	16.4	—	—	27,976	24.4	30,017	26.2	20,199	17.6
1979	27,330	23.7	18,754	16.2	6,047	5.2	29,419	25.5	29,227	25.3	20,823	18.0
1980	33,051	28.4	18,978	16.3	7,048	6.1	32,154	27.6	29,217	25.1	20,542	17.7
1981	33,590	28.7	19,101	16.3	7,811	6.7	29,873	25.5	29,089	24.8	20,096	17.1
1982	35,338	29.9	18,958	16.1	8,866	7.5	27,501	23.3	29,197	24.7	20,668	17.5
1983	40,237	33.9	19,324	16.3	9,892	8.3	29,391	24.7	29,668	25.0	24,985	21.0
1984	38,895	32.5	19,433	16.3	10,457	8.7	28,805	24.1	29,344	24.6	24,344	20.4
1985	45,075	37.5	19,803	16.5	11,508	9.6	27,804	23.1	29,597	24.6	23,383	19.4
1986	47,256	39.1	19,532	16.1	12,057	10.0	26,810	22.2	28,610	23.7	25,667	21.2
1987	49,013	40.3	19,286	15.9	12,627	10.4	25,274	20.8	28,255	23.2	23,831	19.6
1988	57,055	46.8	19,781	16.2	14,224	11.7	26,400	21.6	30,212	24.8	22,795	18.7
1989	58,963	48.1	19,719	16.1	14,853	12.1	23,781	19.4	31,049	25.4	21,125	17.3
1990	68,194	55.6	19,700	16.1	15,575	12.7	24,187	19.7	32,122	26.2	20,088	16.4
1991	70,057	56.9	19,817	16.1	15,560	12.6	23,200	18.8	33,155	26.9	19,875	16.1
1992	74,274	60.2	20,162	16.3	16,945	13.7	23,361	18.9	34,677	28.1	20,893	16.9
1993	81,138	65.5	19,923	16.1	17,157	13.9	23,115	18.7	34,717	28.0	20,516	16.6
1994	83,354	67.2	19,372	15.6	17,376	14.0	23,464	18.9	36,115	29.1	20,923	16.9
1995	79,629	64.1	17,018	13.7	16,187	13.0	21,493	17.3	45,323	36.5	21,420	17.2
1996	70,971	56.9	16,517	13.2	16,196	13.0	20,878	16.7	39,184	31.4	22,138	17.8
1997	78,904	63.1	16,599	13.3	16,615	13.3	21,434	17.2	38,886	31.1	23,494	18.8
1998	79,952	63.8	16,133	12.9	16,638	13.3	21,374	17.1	38,925	31.1	31,755	25.4
1999	93,994	74.9	16,585	13.2	17,704	14.1	22,829	18.2	40,079	32.0	31,413	25.0
2000	86,938	69.2	16,079	12.8	17,260	13.7	21,213	16.9	39,484	31.4	30,251	24.1
2001	85,305	67.8	15,848	12.6	17,690	14.0	22,145	17.6	39,496	31.4	29,375	23.3

**Table A-5 Number and Rate (per 100,000 population) of Medical and Allied Personnel**

Year	Numbers						Rates per 100,000 population					
	Doctors	Dentists	Pharmacists	Public Health Nurses	Midwives	Nurses/Assistant Nurses	Doctors	Dentists	Pharmacists	Public Health Nurses	Midwives	Nurses/Assistant Nurses
1953	89,885	30,086	—	12,339	56,419	112,002	103.3	34.6	—	14.2	64.8	128.7
1954	92,442	30,659	51,132	12,186	55,513	119,428	104.7	34.7	57.9	13.8	62.9	135.3
1955	94,563	31,109	52,418	12,369	55,356	129,860	105.9	34.8	58.7	13.9	62.0	145.5
1956	96,139	31,642	52,779	12,156	53,743	136,715	106.5	35.1	58.5	13.5	59.5	151.5
1957	98,268	31,971	54,853	11,821	51,709	145,090	107.9	35.1	60.2	13.0	56.8	159.3
1958	99,876	32,484	56,518	12,201	52,319	160,352	108.6	35.3	61.4	13.3	56.9	174.3
1959	101,449	32,871	58,389	12,519	52,402	169,998	109.1	35.4	62.8	13.5	56.4	182.9
1960	103,131	33,177	60,257	13,010	52,337	185,592	110.4	35.5	64.5	13.9	56.0	198.7
1961	104,280	33,617	61,626	13,248	51,181	194,614	110.6	35.7	65.4	14.1	54.3	206.4
1962	105,437	34,163	62,645	13,606	45,955	205,087	110.8	35.9	65.8	14.3	48.3	215.5
1963	106,512	34,517	64,915	13,910	46,174	215,528	110.8	35.9	67.5	14.5	48.0	224.1
1964	108,102	35,079	66,600	13,957	43,516	229,797	111.2	36.1	68.5	14.4	44.8	236.5
1965	109,369	35,558	68,674	13,959	43,276	245,211	111.3	36.2	69.9	14.2	44.0	249.5
1966	110,759	36,022	70,810	14,175	43,710	265,230	111.8	36.4	71.5	14.3	44.1	267.8
1967	111,657	36,524	72,101	13,606	31,944	228,569	111.4	36.4	71.9	13.6	31.9	228.0
1968	113,630	36,943	74,366	13,560	29,440	239,037	112.1	36.4	73.3	13.4	29.0	235.7
1969	115,974	37,406	76,087	13,759	28,963	254,628	113.0	36.4	74.1	13.4	28.2	248.1
1970	118,990	37,859	79,393	14,007	28,087	273,572	114.7	36.5	76.5	13.5	27.1	263.8
1971	123,178	39,218	83,246	14,276	27,811	290,733	117.3	37.3	79.3	13.6	26.5	276.9
1972	125,302	40,293	85,140	14,735	27,933	307,056	116.7	37.5	79.3	13.7	26.0	286.1
1973	126,327	40,490	87,651	15,003	26,854	316,803	116.2	37.2	80.6	13.8	24.7	291.4
1974	128,455	41,680	91,402	15,596	26,867	336,612	116.7	37.9	83.1	14.2	24.4	305.9
1975	132,479	43,586	94,362	15,962	26,742	361,604	118.4	38.9	84.3	14.3	23.9	323.0
1976	134,934	44,382	97,474	16,212	26,804	382,459	119.3	39.2	86.2	14.3	23.7	338.2
1977	138,316	45,715	100,897	16,590	26,618	404,156	121.2	40.0	88.4	14.5	23.3	354.0
1978	142,984	48,731	104,693	17,016	26,493	431,911	124.1	42.3	90.9	14.8	23.0	375.0
1979	150,229	50,821	110,774	17,583	26,267	458,362	129.4	43.8	95.4	15.1	22.6	394.7
1980	156,235	53,602	116,056	17,957	25,867	487,169	133.5	45.8	99.1	15.3	22.1	416.2
1981	162,882	56,841	120,444	18,633	25,538	518,097	138.2	48.2	102.2	15.8	21.7	439.5
1982	167,952	58,362	124,390	19,137	25,416	540,971	141.5	49.2	104.8	16.1	21.4	455.8
1984	181,101	63,145	129,700	20,858	24,649	590,177	150.6	52.5	107.9	17.3	20.5	490.9
1986	191,346	66,797	135,990	22,050	24,056	639,936	157.3	54.9	111.8	18.1	19.8	526.0
1986	201,658	70,572	143,429	23,559	23,320	694,999	164.2	57.5	116.8	19.2	19.0	566.0
1990	211,797	74,028	150,627	25,303	22,918	745,301	171.3	59.9	121.9	20.5	18.5	602.9
1992	219,704	77,416	162,021	26,909	22,690	795,810	176.5	62.2	130.2	21.6	18.2	639.5
1994	230,519	81,055	176,871	29,008	23,048	862,013	184.4	64.8	141.5	23.2	18.4	689.4
1996	240,908	85,518	194,300	31,581	23,615	928,896	191.4	67.9	154.4	25.1	18.8	738.0
1998	248,611	88,061	205,953	34,468	24,202	985,821	196.6	69.6	162.8	27.3	19.1	779.4
2000	255,792	90,857	217,477	36,781	24,511	1,042,468	201.5	71.6	171.3	29.0	19.3	821.4

- N.B.: 1) Figures for doctors, dentists, and pharmacists are the number of registered with their professional bodies. Figures for public health nurses, nurses and assistant nurses are the number employed in that profession.
- 2) Figures for public health nurses, nurses and assistant nurses for 1953~66 are derived from the list of employed nurses kept in accordance with Paragraph 34 of the Law concerning Public Health Nurses, Nurse Midwives and Nurses (since repealed). Figures from after 1967 are derived from the numbers registered in accordance with Paragraph 33 of the Law concerning Public Health Nurses, Nurse Midwives and Nurses (duty of registration).

Source: Ministry of Health, Labour and Welfare "Survey of Physicians, Dentists and Pharmacists" (Surveys conducted biennially since 1982) and "Statistical Report on Public Health Administration" (Surveys conducted biennially since 1982).



**Table A-6 Number and Rate (per 100,000 population) of Medical Institutions**

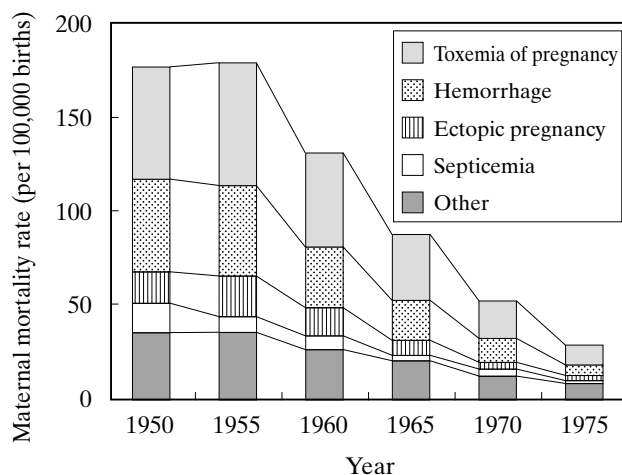
Year	No. institutions							Rate per 100,000 population		
	Hospitals					General medical clinic	Dental clinics	Hospital	General medical clinics	Dental clinics
	Total	Psychiatric	Communicable disease	TB	General					
1955	5,119	260	73	676	4,110	51,349	24,733	5.7	57.5	27.7
1960	6,094	506	58	595	4,935	59,008	27,020	6.5	63.2	28.9
1965	7,047	725	46	340	5,936	64,524	28,602	7.2	65.7	29.1
1970	7,974	896	35	160	6,883	68,997	29,911	7.7	66.5	28.8
1975	8,294	929	27	87	7,251	73,114	32,565	7.4	65.3	29.1
1980	9,055	977	20	39	8,019	77,611	38,834	7.7	66.3	33.2
1981	9,224	988	19	34	8,183	77,909	40,116	7.8	66.1	34.0
1982	9,403	997	17	33	8,356	78,554	41,616	7.9	66.2	35.1
1983	9,515	1,004	15	32	8,464	78,911	43,115	8.0	66.1	36.1
1984	9,574	1,015	12	31	8,516	78,332	43,926	8.0	65.1	36.5
1985	9,608	1,026	12	27	8,543	78,927	45,540	7.9	65.2	37.6
1986	9,699	1,035	13	22	8,629	79,369	47,174	8.0	65.2	38.8
1987	9,841	1,044	13	19	8,765	79,134	48,300	8.0	64.7	39.5
1988	10,034	1,048	12	18	8,956	79,752	49,756	8.2	65.0	40.5
1989	10,081	1,047	11	16	9,007	80,572	51,196	8.2	65.4	41.5
1990	10,096	1,049	10	15	9,022	80,852	52,216	8.2	65.4	42.2
1991	10,066	1,046	10	13	8,997	82,118	53,633	8.1	66.2	43.2
1992	9,963	1,052	7	11	8,893	83,394	55,002	8.0	67.0	44.2
1993	9,844	1,059	7	11	8,767	84,128	55,906	7.9	67.4	44.8
1994	9,731	1,060	6	9	8,656	85,588	57,213	7.8	68.5	45.8
1995	9,606	1,059	5	8	8,534	87,069	58,407	7.7	69.3	46.5
1996	9,490	1,057	5	7	8,421	87,909	59,357	7.5	69.8	47.2
1997	9,413	1,055	5	6	8,347	89,292	60,579	7.5	70.8	48.0
1998	9,333	1,057	5	5	8,266	90,556	61,651	7.4	71.6	48.7
1999	9,286	1,060	•	4	8,222	91,500	62,484	7.3	72.2	49.3
2000	9,266	1,058	•	3	8,205	92,824	63,361	7.3	73.1	49.9
2001	9,239	1,065	•	3	8,171	94,019	64,297	7.3	73.9	50.5

N.B.: 1) As of December 31st until 1983, from 1984 as of October 1st.  
 2) "Communicable Disease Hospitals" were abolished in April 1999.

Source: "Survey of Medical Institutions" issued by Ministry of Health, Labour and Welfare.

## 2. Maternal and Child Health, Family Planning

**Figure A-3 Maternal Mortality Rate by Cause of Death (1950~1975)**



Maternal mortality rates for each cause of death declined over the period 1950 to 1955, with the exception of toxemia of pregnancy and ectopic

pregnancy that rose slightly. (After 1976, two major revisions of the classification of cause of death have been made, making direct comparisons difficult.)

**Table A-7 Maternal Deaths and Maternal Mortality Rate by Cause of Death**

	Maternal mortality rate						Maternal mortality rate (per 100,000 births)						
	1950	1955	1960	1965	1970	1975		1950	1955	1960	1965	1970	1975
Total	4,117	3,095	2,097	1,597	1,008	546	Total	176.1	178.8	130.6	87.6	52.1	28.7
Ectopic pregnancy	374	373	232	145	75	39	Ectopic pregnancy	16.0	21.6	14.4	8.0	3.9	2.1
Toxemia of pregnancy	1,396	1,124	809	628	378	196	Toxemia of pregnancy	59.7	64.9	50.4	34.4	19.5	10.3
Hemorrhage	1,147	831	507	387	241	110	Hemorrhage	49.1	48.0	31.6	21.2	12.5	5.8
Septicemia	351	141	108	52	56	34	Septicemia	15.0	8.1	6.7	2.9	2.9	1.8
Others	849	626	441	385	258	167	Others	36.3	36.2	27.5	21.1	13.3	8.8

Source: "Population Vital Statistics" issued by Statistics and Information Department, Cabinet Secretariat, Ministry of Health, Labour and Welfare.

**Table A-8 Number of Births by Place of Confinement**

Year		1950	1960	1970	1980	1990	1995	2000	2001
*Nationwide	<b>Grand total</b>	<b>2,337,507</b>	<b>1,606,041</b>	<b>1,934,239</b>	<b>1,576,889</b>	<b>1,221,585</b>	<b>1,187,064</b>	<b>1,190,547</b>	<b>1,170,662</b>
	Institution total	106,826	804,557	1,858,738	1,569,643	1,220,138	1,185,359	1,188,400	1,168,396
	Hospital	68,638	386,973	838,078	815,611	681,873	647,430	639,067	620,849
	Medical clinic	25,770	280,292	814,695	694,107	525,744	526,791	537,980	536,055
	Maternity clinic	12,418	137,292	205,965	59,925	12,521	11,138	11,353	11,492
	Home/Others	2,230,681	801,484	75,501	7,246	1,447	1,705	2,147	2,266
Urban areas	<b>Grand total</b>	<b>794,279</b>	<b>1,013,741</b>	<b>1,476,173</b>	<b>1,216,194</b>	<b>960,690</b>	<b>948,442</b>	<b>962,392</b>	<b>947,755</b>
	Institution total	89,490	644,524	1,440,835	1,212,117	959,678	947,100	960,613	945,899
	Hospital	59,865	313,050	666,122	640,957	541,787	522,905	522,451	508,006
	Medical clinic	19,055	222,491	641,585	533,397	408,024	414,884	428,322	427,880
	Maternity clinic	10,570	108,983	133,128	37,763	9,867	9,311	9,840	10,013
	Home/Others	704,789	369,217	35,338	4,077	1,012	1,342	1,779	1,856
Rural areas	<b>Grand total</b>	<b>1,543,228</b>	<b>592,300</b>	<b>458,066</b>	<b>360,695</b>	<b>260,895</b>	<b>238,355</b>	<b>227,945</b>	<b>222,709</b>
	Institution total	17,336	160,033	417,903	357,526	260,460	237,994	227,581	222,302
	Hospital	8,773	73,923	171,956	174,654	140,086	124,353	116,476	112,711
	Medical clinic	6,715	57,801	173,110	160,710	117,720	111,818	109,597	108,112
	Maternity clinic	1,848	28,309	72,837	22,162	2,654	1,823	1,508	1,479
	Home/Others	1,525,892	432,267	40,163	3,169	435	361	364	407

N.B.: Includes overseas residents since 1992.

Source: "Population Vital Statistics" Statistics and Information Department, Cabinet Secretariat, Ministry of Health, Labour and Welfare.

**Table A-9 Number of Pregnancy Terminations and Contraception Prevalence Rate**

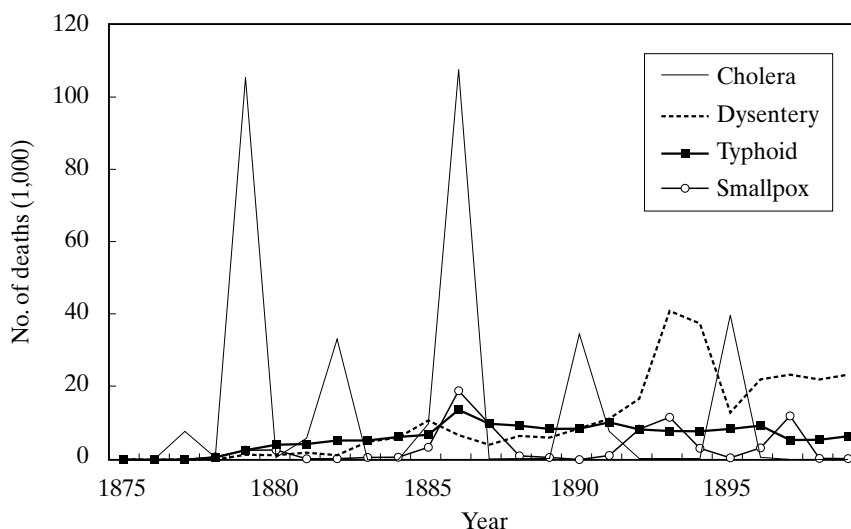
Year	No. of pregnancy terminations		Contraception prevalence rate (%)	Year	No. of pregnancy terminations		Contraception prevalence rate (%)	Year	No. of pregnancy terminations		Contraception prevalence rate (%)
	Number	Rate (%)			Number	Rate (%)			Number	Rate (%)	
1949	101,601	4.9		1967	747,490	26.0	53.0	1985	550,127	17.8	
1950	320,150	15.1	19.5	1968	757,389	26.0		1986	527,900	17.1	62.8
1951	458,757	21.3		1969	744,451	25.3	52.1	1987	497,756	16.0	
1952	798,193	36.3	26.3	1970	732,033	24.8		1988	486,146	15.6	56.3
1953	1,068,066	47.7		1971	739,674	24.9	52.6	1989	466,876	14.9	
1954	1,143,059	50.2		1972	732,653	24.5		1990	456,797	14.5	57.9
1955	1,170,143	50.2	33.6	1973	700,532	23.2	59.3	1991	436,299	13.9	
1956	1,159,288	48.7		1974	679,837	22.4		1992	413,032	13.2	64.0
1957	1,122,316	46.2	39.2	1975	671,597	22.1	60.5	1993	386,807	12.4	
1958	1,128,231	45.6		1976	664,106	21.8		1994	364,350	11.8	58.6
1959	1,098,853	43.6	42.5	1977	641,242	21.1	60.4	1995	343,024	11.1	
1960	1,063,256	42.0		1978	618,044	20.3		1996	338,867	10.9	56.6
1961	1,035,329	40.6	42.3	1979	613,676	20.1	62.2	1997	337,799	11.0	
1962	985,351	37.8		1980	598,084	19.5		1998	332,220	11.0	54.1
1963	955,092	35.7	44.6	1981	596,569	19.5	55.5	1999	337,314	11.3	
1964	878,748	32.1		1982	590,299	19.3		2000	341,146	11.7	55.9
1965	843,248	30.2	55.5	1983	568,363	18.5					
1966	808,378	28.5		1984	568,916	18.5	57.3				

N.B.: Figures for pregnancy terminations from before 1972 do not include Okinawa Prefecture. The rate of pregnancy terminations refer to the female population aged 15~49.

Source: Figures for number of pregnancy terminations are taken from the "Annual Reports on Health and Welfare" and "Statistics Report on Protecting Mother's Health," issued by the Statistics and Information Department, Cabinet Secretariat, Ministry of Health and Welfare. The rate of pregnancy terminations is taken from "Japan's Population - Tracking the Post-war 50 Years -: Results from the 1st to the 25th Mainichi Newspaper Nationwide Family Planning Surveys," issued by the Mainichi Newspaper Population Research Committee.

### 3. Control of Infectious Diseases

**Figure A-4 Deaths from Acute Infectious Disease (Cholera, Dysentery, Typhoid, Smallpox) (1876~1899)**



Epidemics of cholera occurred at approximately 5 year intervals through the Meiji Era (1868 - 1911), with more than 100,000 deaths in the worse

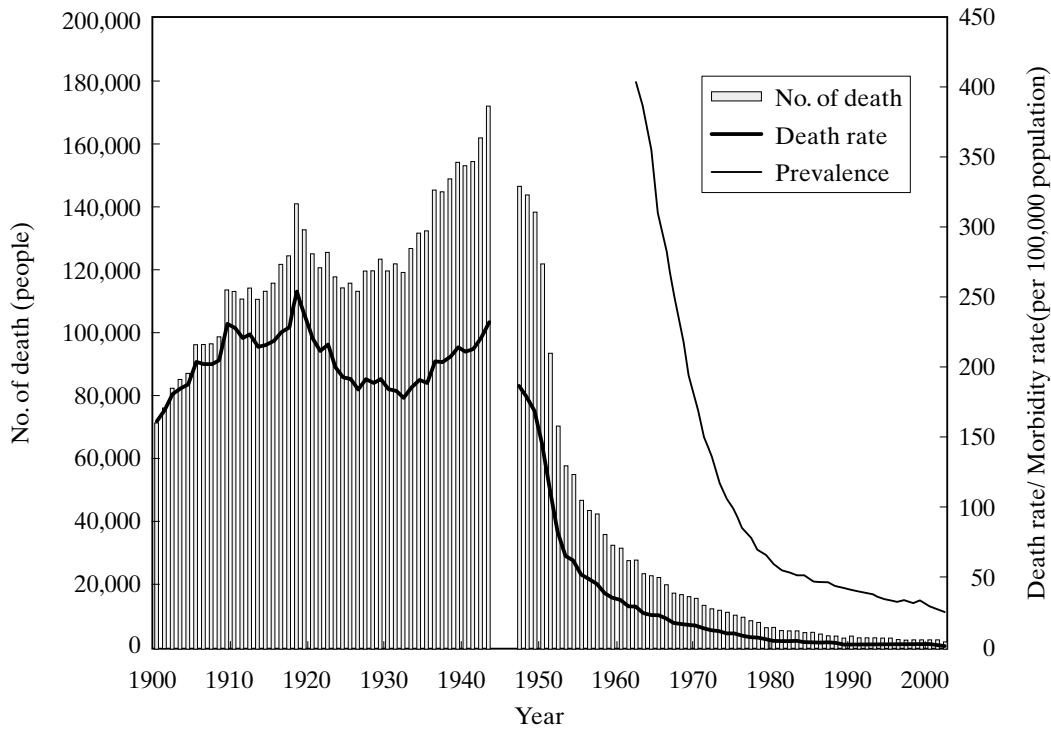
outbreaks. Dysentery peaked in 1893, caused a large number of deaths. These acute infectious diseases were the most high priority issue in Japan at this time.

**Table A-10 Number of Patients and Deaths from Acute Infectious Disease (Cholera, Dysentery, Typhoid, Smallpox) (1876~1899)**

Year	Cholera		Dysentery		Typhoid		Smallpox	
	No. of patients	No. of deaths	No. of patients	No. of deaths	No. of patients	No. of deaths	No. of patients	No. of deaths
1876	—	—	976	76	869	108	318	145
1877	13,816	8,027	349	38	1,964	141	3,441	653
1878	902	275	1,078	181	4,092	558	2,896	685
1879	162,637	105,786	8,167	1,477	10,652	2,530	4,799	1,295
1880	1,580	618	5,047	1,305	17,140	4,177	3,415	1,731
1881	9,387	6,237	6,827	1,802	16,999	4,203	342	34
1882	51,631	33,784	4,330	1,313	17,308	5,231	1,106	197
1883	669	434	20,172	5,066	18,769	5,043	1,271	295
1884	904	417	22,702	6,036	23,279	5,969	1,703	410
1885	13,824	9,329	47,307	10,690	29,504	6,672	12,759	3,329
1886	155,923	108,405	24,326	6,839	66,224	13,807	73,337	18,678
1887	1,228	654	16,147	4,257	47,449	9,813	39,779	9,967
1888	810	410	26,815	6,576	43,600	9,211	4,052	853
1889	751	431	22,873	5,970	35,849	8,623	1,324	328
1890	46,019	35,227	42,633	8,706	34,736	8,464	296	25
1891	11,142	7,760	46,358	11,208	43,967	9,614	3,608	721
1892	874	497	70,842	16,844	35,636	8,529	33,779	8,409
1893	633	364	167,305	41,284	34,069	8,183	41,898	11,852
1894	546	314	155,140	38,094	36,667	8,054	12,418	3,342
1895	55,144	40,154	52,711	12,959	37,015	8,401	1,284	268
1896	1,481	907	85,876	22,356	42,505	9,174	10,704	3,388
1897	894	488	91,077	23,765	26,998	5,697	41,946	12,276
1898	655	374	90,976	22,392	25,297	5,697	1,752	362
1899	829	487	108,713	23,763	27,673	6,452	1,215	245

Source: The Ministry of Health and Welfare, Medical Affairs Bureau ed. "Eighty Years of the Comprehensive Medical Code" (1995, Asahi)

**Figure A-5 Number of Tuberculosis Deaths, Mortality Rate and Morbidity Rate**



Although the pre-war number of deaths from tuberculosis was massive, and the mortality rate was extremely high, after the war both the number of deaths and the mortality rate dropped precipitately. It is worthy of note that the Tuberculosis mortality rate decreased by 10,000 to 20,000 each year in 1950 to 53 from previous year.

The incidence (number of new registrations that year per 100,000 head of population) dropped below 100, a level that indicates that the spread of the disease had halted, from 1975. Since then, the incidence of tuberculosis has continued to decline, although new infections continue to occur.

**Table A-11 Tuberculosis Deaths, Mortality Rate and Morbidity Rate**

Year	No. of deaths	Mortality rate (per 100,000 population)	Morbidity rate (per 100,000 population)	Year	No. of deaths	Mortality rate (per 100,000 population)	Morbidity rate (per 100,000 population)	Year	No. of deaths	Mortality rate (per 100,000 population)	Morbidity rate (per 100,000 population)
1900	71,771	163.7		1936	145,160	207.0		1972	12,565	11.9	137.8
1901	76,614	172.7		1937	144,620	204.8		1973	11,965	11.1	118.5
1902	82,559	183.6		1938	148,827	209.6		1974	11,418	10.4	106.7
1903	85,132	186.9		1939	154,371	216.3		1975	10,567	9.5	96.6
1904	87,260	189.1		1940	153,154	212.9		1976	9,578	8.5	86.6
1905	96,030	206.0		1941	154,344	215.3		1977	8,803	7.8	78.2
1906	96,069	204.2		1942	161,484	223.1		1978	8,261	7.2	70.0
1907	96,584	203.7		1943	171,474	235.3		1979	6,738	5.8	65.8
1908	98,871	206.1		1944	—	—		1980	6,439	5.5	60.7
1909	113,622	234.0		1945	—	—		1981	5,698	4.9	55.9
1910	113,203	230.2		1946	—	—		1982	5,343	4.5	53.9
1911	110,722	222.1		1947	146,241	187.2		1983	5,329	4.5	51.9
1912	114,197	225.8		1948	143,909	179.9		1984	4,950	4.1	51.2
1913	110,753	215.9		1949	138,113	168.9		1985	4,692	3.9	48.4
1914	113,341	217.8		1950	121,769	146.4		1986	4,170	3.4	46.6
1915	115,913	219.7		1951	93,307	110.3	698.4	1987	4,022	3.3	46.2
1916	121,810	227.7		1952	70,558	82.2		1988	3,872	3.2	44.3
1917	124,787	230.5		1953	57,849	66.5		1989	3,527	2.9	43.1
1918	140,747	257.1		1954	55,124	62.4		1990	3,664	3.0	41.9
1919	132,565	240.9		1955	46,735	52.3	579.6	1991	3,325	2.7	40.8
1920	125,165	223.7		1956	43,874	48.6		1992	3,347	2.7	39.3
1921	120,719	213.0		1957	42,718	46.9		1993	3,249	2.6	38.0
1922	125,506	218.7		1958	36,274	39.4		1994	3,094	2.5	35.7
1923	118,216	203.4		1959	32,992	35.5		1995	3,178	2.6	34.3
1924	114,229	194.0		1960	31,959	34.2	524.2	1996	2,858	2.3	33.7
1925	115,956	194.1		1961	27,916	29.6	445.9	1997	2,742	2.2	33.9
1926	113,045	186.1		1962	27,852	29.3	403.2	1998	2,795	2.2	32.4
1927	119,439	193.7		1963	23,302	24.2	386.7				(34.8)
1928	119,632	191.1		1964	22,929	23.6	355.5	1999	2,935	2.3	34.6
1929	123,490	194.6		1965	22,366	22.8	309.9				(38.2)
1930	119,635	185.6		1966	20,064	20.3	282.5	2000	2,656	2.1	31.0
1931	121,875	186.2		1967	17,708	17.8	253.2				(35.0)
1932	119,196	179.4		1968	16,922	16.8	225.0	2001	2,491	2.0	27.9
1933	126,703	187.9		1969	16,392	16.1	194.7	2002	2,316	1.8	25.8
1934	131,525	192.5		1970	15,899	15.4	172.3				
1935	132,151	190.8		1971	13,608	13.0	150.6				

- N.B.: 1) Figures for deaths and mortality rates from 1947~1972 do not include Okinawa Prefecture. The 2002 figures are approximations.  
2) Figures for morbidity rate from 1951 to 1997 use the old classification of disease activity, whereas the figures from 1998 onwards use the new classification. Figures from 1998~2000 in ( ) are the corresponding figures under the old classification.

Source: Figures for deaths and mortality rates from "Population Vital Statistics" issued by the Statistics and Information Department, Cabinet Secretariat, Ministry of Health, Labour and Welfare. Incidences for 1951~1960 are taken from "Detailed Statistics Regarding Infectious Diseases and Food Poisoning," for 1961~1986 from the "Periodic Report Regarding Registered Tuberculosis Patients," for 1987~1995 from "Cumulative Results of Annual Surveillance Reports of Tuberculosis and Infectious Diseases," and for 1996~ from "Cumulative Results of Annual Survey Reports of Changes in the Incidence of Tuberculosis."

**Figure A-6 Positive Test Rate for Parasite Eggs**



The prevalence of parasitic infestation was extremely high as 70% in the pre-war and immediate post-war periods, reaching a peak of

73% in 1949, and decreasing rapidly thereafter. The number of tested for parasitic diseases increased rapidly post-war, then tended to decrease after

**Table A-12 Positive Test Rate for Parasite Eggs**

Year	No. of tested	Total positive rate for parasite eggs (%)	Positive rate for roundworm eggs (%)	Positive rate for hookworm eggs (%)	Year	No. of tested	Total positive rate for parasite eggs (%)	Positive rate for roundworm eggs (%)	Positive rate for hookworm eggs (%)
1918-1926	854,451	73.0	61.3	23.3	1955	7,324,726	38.0	33.3	4.2
1927	457,337	68.2	55.1	12.6	1956	8,292,895	34.5	27.8	3.9
1929	369,045	66.6	56.4	13.7	1957	8,310,858	31.6	24.8	3.8
1931	593,443	58.9	45.9	12.1	1958	8,683,921	30.0	20.6	3.3
1933	501,658	61.2	47.1	11.2	1959	8,702,768	25.3	18.4	3.3
1935	609,331	55.7	42.0	11.6	1960	8,194,622	22.7	15.5	3.3
1937	608,496	51.4	38.6	10.0	1961	7,444,796	18.4	12.8	2.8
1939	767,779	48.2	36.4	10.6	1962	6,729,356	17.4	10.4	2.8
1941	520,254	43.0	34.7	8.9	1963	6,415,619	15.3	8.2	2.8
1943	165,068	41.1	35.7	3.7	1964	6,031,346	13.9	6.5	2.6
1945	413,241	58.4	51.8	9.6	1965	5,734,960	11.3	5.3	1.8
1946	821,765	67.1	57.1	5.8	1966	5,258,999	9.9	4.2	1.3
1947	2,055,274	62.5	60.5	3.3	1967	4,588,011	9.1	3.7	1.1
1948	3,334,597	71.1	62.5	3.1	1968	4,035,043	8.1	2.9	0.9
1949	5,559,078	73.0	62.9	3.5	1969	3,746,543	6.8	1.9	0.6
1950	7,026,499	63.8	59.6	4.5	1970	3,626,768	6.7	1.6	0.5
1951	6,552,143	61.7	55.1	4.8	1971	2,407,061	5.1	1.1	0.3
1952	6,191,612	55.8	48.3	4.9	1972	1,841,350	4.6	0.7	0.3
1953	7,107,763	48.7	43.2	4.8	1973	1,663,146	4.2	0.6	0.2
1954	7,234,396	51.8	40.4	5.3					

N.B.: Testing data from the Ministry of Health and Welfare. Testing methods varied widely pre-war, with small sample sizes, so caution is needed in making comparisons with post-war data.

Source: Ministry of Health and Welfare Statistics

**Table A-13 Trends in Implementation Rate of Vaccination**

Classification	Regular (fixed period)															Temporary schedule			
	Smallpox			Diphtheria							Pertussis			Poliomyelitis		Rubella	Measles	Influenza (administered twice)	Japanese encephalitis
	Phase 1	Phase 2	Phase 3	Phase1			Phase 2	Phase 3	Phase 4	Phase1			Phase 2	Phase 1	Phase 2				
				First	Second	Third				First	Second	Third							
1962	67.5	66.4	67.2	70.8	61.0	51.4	56.7	55.9	57.8	68.4	59.1	49.7	52.5	93.0	89.0	—	—	—	—
1963	69.8	67.9	61.0	71.5	61.6	51.3	63.1	57.0	52.1	69.1	59.4	49.4	59.0	83.9	70.3	—	—	—	—
1964	70.6	65.1	65.5	68.4	57.9	48.4	51.6	55.0	58.0	67.4	56.8	47.3	50.2	74.2	78.8	—	—	—	—
1965	68.0	68.1	65.3	69.4	59.1	48.9	54.0	58.8	62.3	68.2	58.3	48.2	51.7	82.5	85.0	—	—	—	—
1966	67.3	62.9	62.7	67.1	57.3	48.0	48.9	53.6	56.6	66.1	56.4	47.2	47.0	80.9	77.5	—	—	—	—
1967	60.6	64.6	65.8	63.7	54.6	45.2	47.8	55.8	60.8	63.5	54.3	44.6	46.0	76.0	62.7	—	—	—	—
1968	70.5	64.0	65.8	69.5	59.5	50.0	46.7	55.3	61.3	69.0	59.1	49.6	45.4	86.4	78.0	—	—	—	—
1969	64.4	64.7	63.9	67.3	57.6	47.7	44.2	56.2	56.4	66.8	57.2	47.4	42.4	79.5	71.4	—	—	—	—
1970	43.9	52.9	50.9	58.9	49.7	40.0	40.2	50.3	50.3	58.5	49.3	39.7	38.8	73.1	64.7	—	—	—	—
1971	50.3	62.5	65.3	63.2	52.5	41.1	40.2	53.0	57.2	62.2	51.6	40.7	39.1	78.5	64.2	—	—	—	—
1972	61.2	75.4	65.7	73.3	60.7	48.4	38.6	65.4	59.6	72.6	60.1	47.8	36.8	80.0	69.4	—	—	—	—
1973	70.9	58.3	65.7	77.4	65.1	52.0	49.4	53.6	60.6	69.0	64.8	51.9	48.0	88.2	77.7	—	—	—	—
1974	82.5	73.4	72.9	81.2	70.2	58.9	55.0	60.4	59.1	78.9	68.2	57.1	52.4	87.8	81.0	—	—	—	—
1975	64.3	66.9	65.7	26.8	20.2	16.2	26.6	58.0	68.4	22.1	16.0	12.9	21.1	77.7	72.1	—	—	—	—
1976	5.5	4.8	7.6	20.5	17.9	12.5	34.8	23.5	33.7	13.6	10.7	7.9	26.2	73.5	66.3	—	—	—	—
1977				63.7	54.2	39.7	26.0	66.2		41.7	35.2	28.4	13.2	89.9	84.0	27.3	—	49.5	42.5
1978				85.5	76.7	60.3	40.2	79.3		64.4	57.2	47.9	27.6	84.1	79.1	72.4	72.6	56.9	47.3
1979				82.6	73.6	61.2	61.1	60.6		70.5	62.6	53.9	44.9	83.2	76.8	63.7	59.1	67.9	57.9
1980				81.4	73.2	63.4	61.5	76.4		75.5	68.1	60.2	51.2	84.3	80.2	65.1	54.2	55.5	49.3
1981				98.4	90.2	79.2	71.0	78.3		92.5	84.8	75.2	64.1	98.7	95.2	64.8	63.9	63.0	53.7
1982				99.2	92.2	83.3	76.3	78.6		95.8	89.3	81.2	71.2	98.4	95.0	72.2	65.5	64.3	57.4
1983				99.1	91.9	83.8	82.4	81.2		96.4	89.5	81.9	78.6	100.0	95.1	74.0	69.5	63.5	54.0
1984				98.1	92.6	84.1	79.1	86.0		95.8	90.4	82.3	76.1	98.4	94.9	72.6	72.9	65.3	53.0
1985				93.3	89.7	81.4	77.6	81.6		91.2	87.9	79.8	74.2	94.3	92.3	70.1	65.8	61.7	55.6
1986				98.4	94.0	86.3	80.8	82.7		96.4	92.1	85.1	77.8	96.0	93.7	72.1	70.4	61.0	53.5
1987				97.2	92.8	86.5	84.1	86.8		94.6	90.7	84.8	80.9	92.8	90.2	70.6	77.3	44.8	53.4
1988				95.3	90.9	84.9	85.3	80.4		93.3	89.3	83.4	82.9	92.7	90.9	68.2	75.3	32.0	55.2
1989				97.8	93.2	86.7	83.2	80.1		96.1	91.8	85.4	80.5	94.8	92.5	69.6	76.5	25.0	47.1
1990				100.0	94.9	87.3	79.9	79.6		98.2	93.0	85.8	77.6	95.6	92.4	68.8	65.5	21.9	49.6
1991				100.0	98.6	92.8	95.4	81.3		99.8	96.6	91.5	82.7	96.3	93.5	69.0	71.4	19.9	46.7
1992				97.9	94.3	89.0	91.7	80.7		95.8	92.5	87.2	88.5	97.6	94.4	70.6	69.2	17.8	43.5
1993				93.3	89.9	85.4	85.0	82.3		91.7	88.4	84.5	82.3	93.6	91.1	67.2	67.5	20.6	66.1
1994				95.2	91.2	85.4	80.3	79.8		93.9	90.0	84.5	77.5	95.2	90.9	66.8	74.5	—	65.4

N.B.: These figures were derived by dividing the number of people undergoing each immunization (public health center operational data) by the number of eligible people (population of eligible age according to the Ministry of Internal Affairs and Communications Statistics Bureau estimates).

Source: *The Saikin Seiyaku Kyoukai* [Bacterial Products Association] (1996) "Fifty Years of Progress" pp. 210-211



#### 4. Occupational Health

**Table A-14 Number of Industrial Accidents**

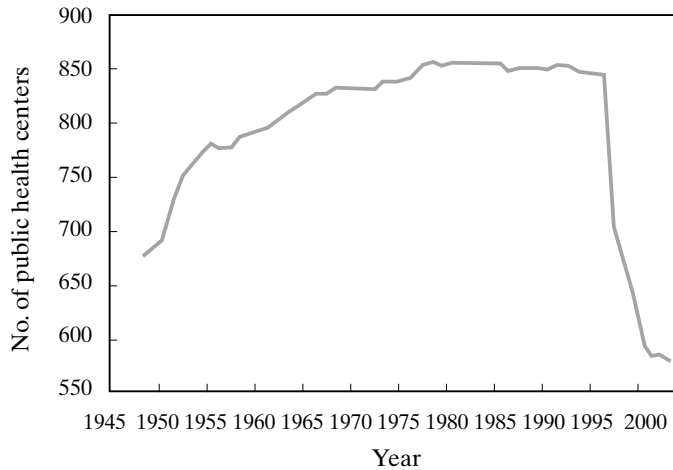
Year	Fatal accidents	Accidents resulting in more than 4 days absence from work*	Year	Fatal accidents	Accidents resulting in more than 4 days absence from work*	Year	Fatal accidents	Accidents resulting in more than 4 days absence from work*
1957	5,612	398,190	1972	5,631	324,435	1987	2,342	232,953
1958	5,368	401,760	1973	5,269	387,342	1988	2,549	226,318
1959	5,895	435,017	1974	4,330	347,407	1989	2,419	217,964
1960	6,095	468,139	1975	3,725	322,322	1990	2,550	210,108
1961	6,712	481,686	1976	3,345	333,311	1991	2,489	200,633
1962	6,093	466,126	1977	3,302	345,293	1992	2,354	189,589
1963	6,506	440,547	1978	3,326	348,826	1993	2,245	181,900
1964	6,126	428,558	1979	3,077	340,731	1994	2,301	176,047
1965	6,046	408,331	1980	3,009	335,706	1995	2,414	167,316
1966	6,303	405,361	1981	2,912	312,844	1996	2,363	162,862
1967	5,990	394,627	1982	2,674	294,319	1997	2,078	156,726
1968	6,088	386,443	1983	2,588	278,623	1998	1,844	148,248
1969	6,208	382,642	1984	2,635	271,884	1999	1,992	137,316
1970	6,048	364,444	1985	2,572	257,240	2000	1,889	133,948
1971	5,552	337,421	1986	2,318	246,891			

N.B.: \*Includes fatal accidents.

Source: Japan Personnel Management & Safety Information Center

#### 5. Community-based Health Systems

**Figure A-7 Number of Public Health Centers**



The number of public health centers rose rapidly up until 1955, and then more slowly, reaching a peak of 858 in 1978. The number

stabilized at around 845~855 for the next two decades, 139 public health centers has closed in 1997, and continuing to decline steadily thereafter.

**Table A-15 Number of Public Health Centers**

Year	No. of public health centers	Year	No. of public health centers	Year	No. of public health centers	Year	No. of public health centers
1948	675	1963	810	1977	852	1991	852
1950	691	1964	817	1978	858	1992	852
1951	723	1965	821	1979	852	1993	848
1952	746	1966	826	1980	855	1994	847
1953	758	1967	829	1981	855	1995	845
1954	772	1968	832	1982	855	1996	845
1955	781	1969	832	1983	855	1997	706
1956	778	1970	832	1984	855	1998	663
1957	778	1971	832	1985	855	1999	641
1958	785	1972	832	1986	849	2000	594
1959	790	1973	839	1987	850	2001	582
1960	793	1974	839	1988	851	2002	582
1961	796	1975	840	1989	850	2003	576
1962	803	1976	843	1990	848		

N.B.: The date of ascertaining the numbers differed from year to year. Figures since 1991 are as of 1 April.

Source: From "Annual Report on Public Health Center Management" issued by the Statistical Analysis Division, Statistics and Information Department, Cabinet Secretariat, Ministry of Health and Welfare, and "Report on Public Health Center Management" issued by the Public Health Statistics Division, Statistics and Information Department, Cabinet Secretariat, Ministry of Health and Welfare, and figures provided by the Health Service Bureau, Ministry of Health, Labour and Welfare.

**Table A-16 Number of Public Health Nurses according to Workplace**

Year		1965	1970	1975	1977	1978	1980	1982	1984	1986	1988	1990
Community-based health	Public health center	5,926	6,354	7,144	7,290	7,437	7,649	7,870	8,150	8,386	8,460	8,749
	National public health center	5,477	5,362	5,799	6,008	7,226	7,750	8,390	9,486	10,273	11,033	11,673
	Municipal public health center	573	637	920	1,011							
	Subtotal	11,976	12,353	13,863	14,309	14,663	15,399	16,260	17,636	18,659	19,493	20,422
Public health nurse training school		79	98	160	172	175	169	188	215	227	293	258
Hospital, medical clinic, aged care facility		502	474	748	771	890	1,057	1,246	1,320	1,439	1,842	2,426
Office		952	783	794	871	875	852	953	1,112	1,080	1,154	1,254
Other		450	299	400	467	413	480	490	575	645	777	943
Total		13,959	14,007	15,965	16,590	17,016	17,957	19,137	20,858	22,050	23,559	25,303

N.B.: 1) National public health nurses transferred to municipalities in 1978.

2) The figure for municipal public health center also includes public health nurses employed by prefectures.

Source: "Report on Public Health Administration" issued by the Statistics and Information Department, Cabinet Secretariat, Ministry of Health and Welfare

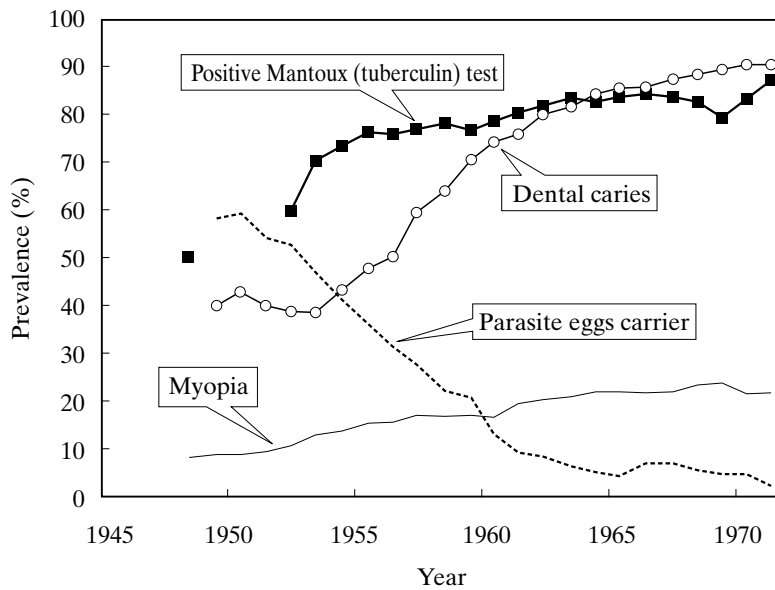
**6. School Health Programs**

**Table A-17 Physical Characteristics of School Students**

	Trends in height of schoolchildren (cm)								Trends in weight of schoolchildren (kg)							
	Male				Female				Male				Female			
	6yrs	11yrs	14yrs	17yrs	6yrs	11yrs	14yrs	17yrs	6yrs	11yrs	14yrs	17yrs	6yrs	11yrs	14yrs	17yrs
1964	113.2	138.2	157.7	166.4	112.2	140.0	152.3	154.7	19.4	31.8	47.0	57.1	18.9	33.3	46.1	51.0
1974	115.2	141.7	161.9	168.7	114.5	143.9	154.7	156.2	20.5	35.0	50.7	59.1	20.1	36.7	48.8	52.3
1984	116.3	143.2	163.6	170.2	115.6	145.4	156.2	157.6	21.1	36.4	52.8	61.5	20.7	37.7	49.7	52.7
1996	116.8	144.9	165.1	170.9	116.1	146.7	156.6	158.1	21.6	38.4	54.6	62.9	21.2	39.4	50.5	53.1
1999	116.6	145.3	165.5	170.9	115.8	147.1	156.7	158.1	21.7	39.3	55.3	62.4	21.3	40.0	50.7	53.1
2000	116.7	145.3	165.5	170.8	115.8	147.1	156.8	158.1	21.8	39.4	55.4	62.6	21.3	40.1	50.7	53.1
2001	116.7	145.3	165.5	170.9	115.9	147.1	156.8	158.0	21.7	39.5	55.5	62.8	21.2	40.1	50.9	53.2
2002	116.7	145.2	165.5	170.7	115.8	146.8	156.7	157.9	21.7	39.4	55.5	63.2	21.1	39.8	50.9	53.5

Source: "Survey of School Health Statistics" issued by the Ministry of Education, Culture, Sports, Science and Technology

**Figure A-8 Disease Prevalence in Junior High School Students**



The main post-war trends in disease prevalence in schoolchildren are the increase in dental caries, and the decrease in parasite infestation. The increase in the rate of positive Mantoux (tuberculin) testing is attributable to the school health program of BCG vaccination.

Although Figure A-7 refers to junior high school children; trends are similar for primary schoolchildren. The main differences are that the rate of positive Mantoux (tuberculin) testing is lower, and the increase in the rate of myopia is not as great, in primary schoolchildren.

**Table A-18 Prevalence of Main Disease in School Students**

Year	Primary schoolchildren (total of male and female)				Junior-high school children (total of male and female)			
	Myopia	Dental caries*	Positive Mantoux (tuberculin) test	Parasite eggs carrier	Myopia	Dental caries*	Positive Mantoux (tuberculin) test	Parasite eggs carrier
1948	8.30	-	29.37	-	8.22	-	49.66	-
1949	5.44	42.08	-	63.89	8.86	39.37	-	58.50
1950	8.22	42.25	-	63.42	8.85	42.04	-	59.26
1951	7.72	41.63	-	57.98	9.51	39.35	-	54.29
1952	8.99	45.45	44.37	55.14	10.49	38.38	59.43	52.77
1953	10.50	51.94	55.28	48.76	12.83	38.34	69.72	46.92
1954	10.23	59.78	57.20	42.21	13.97	42.87	73.68	41.14
1955	10.29	66.50	60.41	38.28	15.19	47.31	76.53	35.71
1956	9.21	70.47	60.84	32.48	14.96	50.00	75.87	31.02
1957	9.61	79.00	61.70	29.20	17.03	58.80	77.00	27.40
1958	9.78	80.00	62.60	25.40	16.49	63.80	77.90	22.10
1959	9.13	81.60	62.70	21.80	16.81	70.40	77.00	20.30
1960	9.69	84.19	65.20	14.04	16.71	73.97	78.50	12.83
1961	12.36	83.14	65.40	11.55	18.85	75.50	80.20	9.40
1962	12.09	85.54	67.00	9.50	20.03	80.01	82.30	7.81
1963	11.77	87.61	67.20	6.90	20.59	81.74	83.90	6.08
1964	11.99	87.89	64.90	5.81	22.21	84.15	82.80	5.03
1965	12.09	87.88	65.00	4.47	21.96	85.65	83.10	3.78
1966	11.40	88.67	67.70	9.29	21.53	86.06	84.20	6.98
1967	11.34	91.96	67.60	9.33	22.19	87.44	83.80	7.09
1968	11.68	91.50	67.10	4.71	23.30	88.50	82.50	5.53
1969	12.10	92.24	62.80	7.59	23.70	89.67	80.00	4.85
1970	11.30	93.60	68.30	7.30	21.20	90.50	84.10	4.40
1971	10.55	93.92	72.62	6.65	22.20	90.85	87.57	2.06

N.B.: \*Includes treated disease.

Source: Based on the Ministry of Education, "Report of Survey of School Health Statistics." For details, refer to Japanese Society of School Health eds, "One Hundred Years of School Health,"(1997) First Statutory Publication.

## 7. Emergency Medical Care

**Table A-19 Number of Traffic Accidents, Deaths and Injuries**

Year	No. of accidents	No. of deaths	No. of injured	Year	No. of accidents	No. of deaths	No. of injured
1956	122,691	6,751	102,072	1984	518,642	9,262	644,321
1963	531,966	12,301	359,089	1985	552,788	9,261	681,346
1967	521,481	13,618	655,377	1986	579,190	9,317	712,330
1968	635,056	14,256	828,071	1987	590,723	9,347	722,179
1969	720,880	16,257	967,000	1988	614,481	10,344	752,845
1970	718,080	16,765	981,096	1989	661,363	11,086	814,832
1971	700,290	16,278	949,689	1990	643,097	11,227	790,295
1972	659,283	15,918	889,198	1991	662,388	11,105	810,245
1973	586,713	14,574	789,948	1992	695,345	11,451	844,003
1974	490,452	11,432	651,420	1993	724,675	10,942	878,633
1975	472,938	10,792	622,467	1994	729,457	10,649	881,723
1976	471,041	9,734	613,957	1995	761,789	10,679	922,677
1977	460,649	8,945	593,211	1996	771,084	9,942	942,203
1978	464,037	8,783	594,116	1997	780,399	9,640	958,925
1979	471,573	8,466	596,282	1998	803,878	9,211	990,675
1980	476,677	8,760	598,719	1999	850,363	9,006	1,050,397
1981	485,578	8,719	607,346	2000	931,934	9,066	1,155,697
1982	502,261	9,073	626,192	2001	947,169	8,747	1,180,955
1983	526,362	9,520	654,822	2002	936,721	8,326	1,167,855

N.B.: 1) Accident numbers include accidents with property damage only until 1963.  
 Figures from 1967 on are accidents causing injury to humans only.  
 2) Figures from 1972 on include Okinawa Prefecture.

Source: From National Police Agency files.

## 8. Health Expenditure, Social Security

Table A-20 Overview of National Medical Expenditure

Year	National medical expenditure		Medical expenditure per head of population (¥1,000)	National medical expenditure as proportion of national income (%)	National income		Total population (1,000)
	Total amount (¥100 million)	Increase rate (%)			(¥100 million)	Increase rate (%)	
1954	2,152	-	2.4	-	-	-	88,239
1955	2,388	11	2.7	3.42	69,733	-	89,276 *
1956	2,583	8.2	2.9	3.27	78,963	13.2	90,172
1957	2,897	12.2	3.2	3.27	88,681	12.3	90,928
1958	3,230	11.5	3.5	3.44	93,829	5.8	91,767
1959	3,625	12.2	3.9	3.28	110,421	17.7	92,641
1960	4,095	13	4.4	3.03	134,967	22.2	93,419 *
1961	5,130	25.3	5.4	3.19	160,819	19.2	94,287
1962	6,132	19.5	6.4	3.43	178,933	11.3	95,181
1963	7,541	23	7.8	3.57	210,993	17.9	96,156
1964	9,389	24.5	9.7	3.9	240,514	14	97,182
1965	11,224	19.5	11.4	4.18	268,270	11.5	98,275 *
1966	13,002	15.8	13.1	4.11	316,448	18	99,036
1967	15,116	16.3	15.1	4.03	375,476	18.7	100,196
1968	18,016	19.2	17.8	4.12	437,209	16.4	101,331
1969	20,780	15.3	20.3	3.99	521,178	19.2	102,536
1970	24,962	20.1	24.1	4.09	610,297	17.1	103,720 *
1971	27,250	9.2	25.9	4.13	659,105	8	105,145
1972	33,994	24.7	31.6	4.36	779,369	18.2	107,595
1973	39,496	16.2	36.2	4.12	958,396	23	109,104
1974	53,786	36.2	48.6	4.78	1,124,716	17.4	110,573
1975	64,779	20.4	57.9	5.22	1,239,907	10.2	111,940 *
1976	76,684	18.4	67.8	5.46	1,403,972	13.2	113,089
1977	85,686	11.7	75.1	5.5	1,557,032	10.9	114,154
1978	100,042	16.8	86.9	5.82	1,717,785	10.3	115,174
1979	109,510	9.5	94.3	6.01	1,822,066	6.1	116,133
1980	119,805	9.4	102.3	6	1,995,902	9.5	117,060 *
1981	128,709	7.4	109.2	6.14	2,097,489	5.1	117,884
1982	138,659	7.7	116.8	6.32	2,193,918	4.6	118,693
1983	145,438	4.9	121.7	6.3	2,308,057	5.2	119,483
1984	150,932	3.8	125.5	6.2	2,436,089	5.5	120,235
1985	160,159	6.1	132.3	6.15	2,602,784	6.8	121,049 *
1986	170,690	6.6	140.3	6.3	2,711,297	4.2	121,672
1987	180,759	5.9	147.8	6.37	2,838,955	4.7	122,264
1988	187,554	3.8	152.8	6.22	3,013,800	6.2	122,783
1989	197,290	5.2	160.1	6.12	3,221,436	6.9	123,255
1990	206,074	4.5	166.7	5.88	3,507,153	8.9	123,611 *
1991	218,260	5.9	176	5.85	3,730,039	6.4	124,043
1992	234,784	7.6	188.7	6.32	3,712,482	-0.5	124,452
1993	243,631	3.8	195.3	6.56	3,711,869	0	124,764
1994	257,908	5.9	206.3	6.86	3,761,619	1.3	125,034
1995	269,577	4.5	214.7	7.16	3,764,543	0.1	125,570 *
1996	285,210	5.8	226.6	7.33	3,889,109	3.3	125,864
1997	290,651	1.9	230.4	7.41	3,924,334	0.9	126,166
1998	298,251	2.6	235.8	7.84	3,805,335	-3	126,486
1999	309,337	3.7	244.2	8.26	3,746,015	-1.6	126,686
2000	303,583	-1.9	239.2	7.98	3,804,499	1.6	126,926 *
2001	313,234	3.2	246.1	8.46	3,700,468	-2.7	127,291

- N.B.: 1) Figures for national income are based on the National Accounts issued by the Cabinet Office (December 2002).  
2) Figures for total population are based on the Annual Population Estimates issued by the Statistics Bureau, Ministry of Internal Affairs and Communications (population as of 1 October). Figures marked with \* are actual population numbers from Population Censuses.  
3) With the implementation of the Long-term Care Insurance System, some expenses that were previously included in national medical expenditure figures now came under the new system. These expenses are therefore not included in the national medical expenditure figures after the 2000 financial year.

Source: The Ministry of Health, Labour and Welfare "Summary of National Medical Expenditure for the Year 2001"

**Table A-21 Change in National Medical Expenditure by Classification (unit: ¥100 million)**

	1955	1965	1975	1985	1995	2000	2001
National medical expenditure	2,388 100.0%	11,224 100.0%	64,779 100.0%	160,159 100.0%	269,577 100.0%	303,583 100.0%	313,234 100.0%
Public sickness benefits proportion	279 11.7%	1,471 13.1%	8,471 13.1%	12,090 7.5%	12,953 4.8%	16,051 5.3%	16,899 5.4%
The Livelihood Protection Law	244	750	4,210	8,443	8,610	10,650	11,314
Tuberculosis Prevention Law	31	432	819	572	208	120	112
Mental health and mental illness Legislation related to disabled welfare <sup>1)</sup>	-	222	961	938	554	853	963
Welfare for the Aged Law <sup>2)</sup>	·	·	2,127	·	·	·	·
Other	5	68	354	2,138	3,582	4,427	4,510
Medical and public health benefits proportion	1,185 49.6%	7,442 66.3%	47,933 74.0%	88,506 55.3%	140,042 51.9%	140,214 46.2%	141,871 45.3%
Health insurance	1,140	7,193	46,541	85,090	136,641	137,073	138,755
Employee's health insurance	952	5,178	30,262	52,273	83,674	77,603	77,833
National health insurance	188	2,015	16,280	32,816	52,968	59,470	60,922
Other	45	248	1,391	3,417	3,400	3,141	3,116
Proportion of benefits from health insurance for the elderly	· ·	· ·	· ·	40,377 25.2%	84,877 31.5%	102,399 33.7%	107,623 34.4%
Patient co-payments	923 38.7%	2,312 20.6%	8,375 12.9%	19,185 12.0%	31,705 11.8%	44,919 14.8%	46,841 15.0%

N.B.: 1) Mental Health Law from July 1988 until June 1995, previously Mental Hygiene Law.

2) Enacted from January 1973 until January 1983. Replaced by the Law for Health and Medical Services for the Aged in February 1983.

Source: The Ministry of Health, Labour and Welfare "National Medical Expenditure"

**Table A-22 Change in Social Security Expenditure by Classification**

Year	Social security benefits						National income (¥100 million)	
	Total (¥100 million)	Medical expenses (¥100 million)	Structural ratio (%)	Superannuation, other (¥100 million)		Structural ratio (%)		
1950	1,261	646	51.2	615		48.8	...	
1951	1,571	804	51.1	768		48.9	44,346	
1955	3,893	1,919	49.3	1,974		50.7	69,733	
1960	6,553	2,942	44.9	3,611		55.1	134,967	
				Superannuation (¥100 million)	Structural ratio (%)	Other (¥100 million)	Structural ratio (%)	
1964	13,475	7,328	54.4	3,056	22.7	3,091	22.9	240,514
1965	16,037	9,137	57.0	3,508	21.9	3,392	21.2	268,270
1970	35,239	20,758	58.9	8,548	24.3	5,933	16.8	610,297
1975	117,693	57,132	48.5	38,831	33.0	21,730	18.5	1,239,907
1980	247,736	107,329	43.3	104,525	42.2	35,882	14.5	1,995,902
1985	356,798	142,830	40.0	168,923	47.3	45,044	12.6	2,602,784
1990	472,203	183,795	38.9	240,420	50.9	47,989	10.2	3,509,873
1995	647,314	240,593	37.2	334,986	51.8	71,735	11.1	3,788,057
1996	675,475	251,789	37.3	349,548	51.7	74,139	11.0	3,886,361
1997	694,187	253,095	36.5	363,996	52.4	77,097	11.1	3,918,579
1998	721,411	254,077	35.2	384,105	53.2	83,228	11.5	3,820,384
1999	750,417	263,953	35.2	399,112	53.2	87,352	11.6	3,829,620
2000	781,272	260,062	33.3	412,012	52.7	109,198	14.0	3,805,066

N.B.: 1) Figures may not add up due to rounding off.

2) Figures for national income from prior to 1954 are taken from the "Annual Report of National Income for 1978," for 1955~1977 from the "Report of Long-term Retrospective Major Series National Accounts," for 1978~1989 from the "Annual Estimate of National Accounts for 2000," all issued by the Economic Planning Agency, and for 1990~ from the Annual Estimate of National Accounts issued by the Economic and Social Research Institute, Cabinet Office (December 2001).

Source: National Institute of Population and Social Security Research "Social Security Expenditure in the Year 2000"

**Table A-23 Determination of Healthcare Benefits**

No. of consultations per 100 people (consultation rate)							Medical costs per day (¥)						
		Government managed health insurance		Health Insurance Society		National health insurance			Government managed health insurance		Health Insurance Society		National health insurance
		Insured	Dependents	Insured	Dependents				Insured	Dependents	Insured	Dependents	
Total	Year						Total	Year					
	1975	645.61	611.33	534.88	622.07	538.44		1975	2,682	2,173	2,613	2,102	2,550
	1985	635.46	599.24	535.56	613.13	583.03		1985	5,543	4,664	5,657	4,356	5,714
	1990	669.51	643.84	574.38	645.59	677.11		1990	6,698	5,758	6,751	5,367	7,037
	1995	708.86	689.30	621.24	668.14	739.34		1995	7,819	6,823	7,798	6,359	8,217
2001	689.43	719.94	635.63	712.26	792.76	2001	8,461	7,672	8,430	7,071	9,137		
Inpatient care	Year						Inpatient care	Year					
	1975	16.23	13.02	10.21	11.17	14.23		1975	7,147	6,626	7,734	7,032	6,801
	1985	13.85	12.41	9.18	9.86	17.09		1985	15,210	13,879	17,239	15,268	13,337
	1990	13.10	13.23	8.94	10.28	20.72		1990	18,272	15,949	20,357	17,534	14,463
	1995	12.46	14.01	9.04	10.80	21.73		1995	23,121	18,928	25,903	21,015	16,772
2001	10.27	13.38	8.16	10.38	20.16	2001	30,707	24,611	33,472	27,005	21,296		
Outpatient care	Year						Outpatient care	Year					
	1975	533.02	510.86	429.54	514.12	448.37		1975	2,090	1,619	2,094	1,605	1,883
	1985	509.60	481.81	412.38	487.39	465.49		1985	4,056	3,236	4,262	3,125	3,920
	1990	528.74	512.33	436.40	507.03	539.02		1990	5,195	4,271	5,417	4,102	5,186
	1995	564.32	555.46	477.80	531.31	595.43		1995	6,103	5,182	6,237	4,926	6,194
2001	547.25	588.22	493.65	577.29	643.31	2001	6,307	5,609	6,476	5,350	6,490		
Dental care	Year						Dental care	Year					
	1975	96.36	87.45	95.13	96.78	75.78		1975	2,090	1,596	1,989	3,632	1,731
	1985	112.01	105.02	114.00	116.04	100.45		1985	4,847	4,125	4,846	4,107	4,384
	1990	127.68	118.28	129.05	128.28	117.38		1990	5,346	4,507	5,282	4,440	4,945
	1995	132.08	119.83	134.40	126.02	122.19		1995	5,982	5,009	5,862	4,901	5,646
2001	131.90	118.34	133.82	124.60	129.29	2001	6,402	5,525	6,342	5,361	6,241		

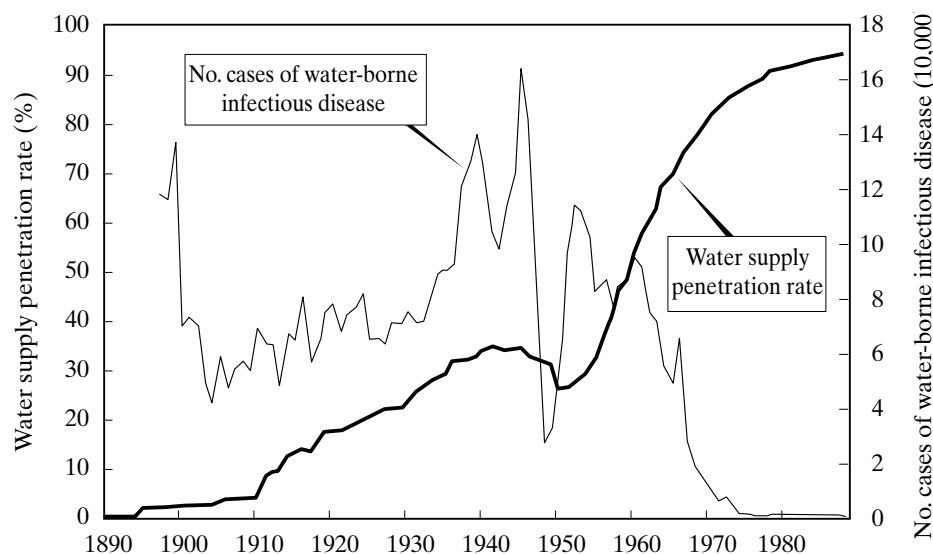
- N.B.:
- 1) Medical costs include health insurance benefits, patient co-payments, and benefits related to publicly funded medical services. Benefits from health insurance for the elderly are excluded after 1985.
  - 2) Employees health insurance merged into government managed health insurance following the revisions of October 1984. Figures for government employees insurance, corresponding to pre-revision government managed health insurance, are used.
  - 3) National health insurance is the total of municipal and national health insurance cooperatives, but excludes health insurance for the elderly.

Source: Health Service Bureau, Ministry of Health, Labour and Welfare.



## 9. Sanitation

**Figure A-9 Trends in Water Supply Penetration Rate and the Prevalence of Water-borne Infectious Disease**



N.B.: The prevalence of water-borne infectious disease is the total of the number of cases of cholera, dysentery, typhoid fever, and paratyphoid. Data exists from 1897, although figures for paratyphoid are uncertain prior to 1910, so figures from 1911 are given.

Source: Water supply penetration rates are taken from “A Century of Modern Water Supplies” Nihon Suido Shinbun Co. (Japan Water Newspaper) Editing Committee eds (1987). Figures for water-borne infectious diseases are from “Infectious Disease Statistics for 1998 and 1999 (January~March)” Statistics and Information Department, Cabinet Secretariat, Ministry of Health and Welfare eds (2000) Health and Welfare Statistics Association.

**Table A-24 Water Supply Penetration Rate**

Year	Total population (1,000)	Population with water supplies (1,000)	Penetration rate (%)
1890	39,902	193	0.5
1895	41,557	803	1.9
1900	43,847	1,017	2.3
1905	46,620	1,699	3.6
1910	49,184	2,131	4.3
1915	52,752	7,192	13.6
1920	55,391	9,759	17.6
1925	59,179	12,256	20.7
1930	63,872	14,976	23.4
1935	68,662	19,970	29.1
1940	71,400	24,150	33.8
1945	72,200	25,110	34.8
1950	83,200	21,799	26.2
1955	89,496	28,821	32.2
1960	93,419	49,915	53.4
1965	98,275	68,242	69.4
1970	103,720	83,754	80.8
1975	112,279	98,397	87.6
1980	116,860	106,914	91.5
1985	121,005	112,866	93.3
1990	123,557	116,962	94.7
1995	125,424	120,096	95.8
2000	126,901	122,560	96.6

Source: From the Water Supply Division, Health Service Bureau, Ministry of Health, Labour and Welfare.