

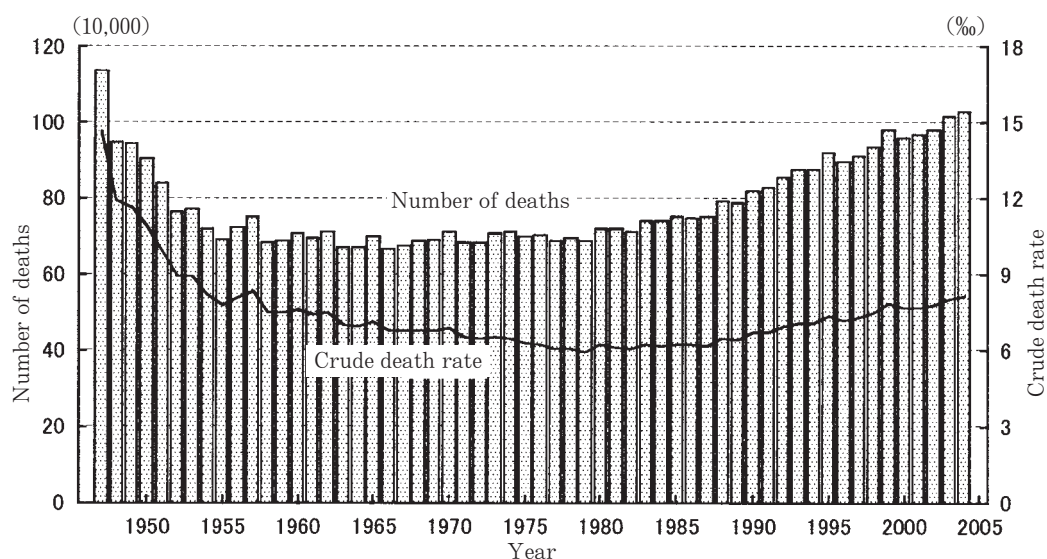
Table 5.1 Deaths by Sex and Sex Ratio: 1873-2004

Year	Total	Male	Female	Sex ratio ¹⁾	Year	Total	Male	Female	Sex ratio ¹⁾
1873	660,694	340,872	319,822	106.6	1969	693,787	379,506	314,281	120.8
1875	654,562	338,271	316,291	106.9	1970	712,962	387,880	325,082	119.3
1880	603,055	313,668	289,387	108.4	1971	684,521	372,942	311,579	119.7
1885	886,824	453,361	433,463	104.6	1972	683,751	372,833	310,918	119.9
1890	823,718	425,059	398,659	106.6	1973	709,416	383,592	325,824	117.7
1895	852,422	448,873	403,549	111.2	1974	710,510	381,869	328,641	116.2
1900	910,744	464,072	446,664	103.9	1975	702,275	377,827	324,448	116.5
1905	1,004,661	505,290	499,365	101.2	1976	703,270	378,630	324,640	116.6
1910	1,064,234	535,076	529,156	101.1	1977	690,074	372,175	317,899	117.1
1915	1,093,793	556,179	537,610	103.5	1978	695,821	375,625	320,196	117.3
1920	1,422,096	720,655	701,441	102.7	1979	689,664	373,183	316,481	117.9
1925	1,210,706	621,357	589,349	105.4	1980	722,801	390,644	332,157	117.6
1930	1,170,867	603,995	566,871	106.5	1981	720,262	388,575	331,687	117.2
1935	1,161,936	603,566	558,367	108.1	1982	711,883	385,494	326,389	118.1
1940	1,186,595	615,311	571,284	107.7	1983	740,038	401,232	338,806	118.4
1947	1,138,238	595,670	542,568	109.8	1984	740,247	402,220	338,027	119.0
1948	950,610	493,573	457,037	108.0	1985	752,283	407,769	344,514	118.4
1949	945,444	489,817	455,627	107.5	1986	750,620	406,918	343,702	118.4
1950	904,876	467,073	437,803	106.7	1987	751,172	408,094	343,078	119.0
1951	838,998	432,540	406,458	106.4	1988	793,014	428,094	364,920	117.3
1952	765,068	395,205	369,863	106.9	1989	788,594	427,114	361,480	118.2
1953	772,547	399,859	372,688	107.3	1990	820,305	443,718	376,587	117.8
1954	721,491	379,658	341,833	111.1	1991	829,797	450,344	379,453	118.7
1955	693,523	365,246	328,277	111.3	1992	856,643	465,544	391,099	119.0
1956	724,460	381,395	343,065	111.2	1993	878,532	476,462	402,070	118.5
1957	752,445	397,502	354,943	112.0	1994	875,933	476,080	399,853	119.1
1958	684,189	363,647	320,542	113.4	1995	922,139	501,276	420,863	119.1
1959	689,959	367,562	322,370	114.0	1996	896,211	488,605	407,606	119.9
1960	706,599	377,526	329,073	114.7	1997	913,402	497,796	415,606	119.8
1961	695,644	371,858	323,786	114.8	1998	936,484	512,128	424,356	120.7
1962	710,265	380,826	329,439	115.6	1999	982,031	534,778	447,253	119.6
1963	670,770	361,469	309,301	116.9	2000	961,653	525,903	435,750	120.7
1964	673,067	363,531	309,536	117.4	2001	970,331	528,768	441,563	119.7
1965	700,438	378,716	321,722	117.7	2002	982,379	535,305	447,074	119.7
1966	670,342	363,356	306,986	118.4	2003	1,014,951	551,746	463,205	119.1
1967	675,006	366,076	308,930	118.5	2004	1,028,602	557,097	471,505	118.2
1968	686,555	372,931	313,624	118.9					

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.

1) The number of male deaths to the number of 100 female deaths.

Figure 5.1 Annual Number of Deaths and Crude Death Rates: 1947-2004



See the notes for Table 3.1 and 5.1.

Table 5.2 Infant Deaths by Sex, Infant Mortality Rates, Sex Ratio and Proportion of Infant Deaths to Total Deaths: 1900-2004

Year	Number of Infant deaths			Infant mortality rate (per 1,000 births)	Sex ratio ¹⁾	Percent of the deaths for all ages (%)
	Total	Male	Female			
1900	220,211	118,470	101,740	155.0	116.4	24.2
1910	276,136	147,338	128,797	161.2	114.4	25.9
1920	335,613	179,956	155,657	165.7	115.6	23.6
1930	258,703	140,143	118,559	124.1	118.2	22.1
1940	190,509	103,900	86,609	90.0	120.0	16.1
1947	205,360	111,597	93,763	76.7	119.0	18.0
1948	165,406	90,779	74,627	61.7	121.6	17.4
1949	168,467	91,422	77,045	62.5	118.7	17.8
1950	140,515	76,247	64,268	60.1	118.6	15.4
1951	122,869	66,864	56,005	57.5	119.4	14.6
1952	99,114	54,049	45,065	49.4	119.9	13.0
1953	91,424	49,839	41,585	48.9	119.8	11.8
1954	78,944	43,171	35,773	44.6	120.7	10.9
1955	68,801	37,628	31,173	39.8	120.7	9.9
1956	67,691	37,309	30,382	40.6	122.8	9.3
1957	62,678	34,828	27,850	40.0	125.1	8.3
1958	57,052	31,671	25,381	34.5	124.8	8.3
1959	54,768	30,646	24,122	33.7	127.0	7.9
1960	49,293	27,714	21,579	30.7	128.4	7.0
1961	45,465	25,893	19,572	28.6	132.3	6.5
1962	42,797	24,159	18,638	26.4	129.6	6.0
1963	38,442	21,763	16,679	23.2	130.5	5.7
1964	34,967	19,922	15,045	20.4	132.4	5.2
1965	33,742	19,322	14,420	18.5	134.0	4.8
1966	26,217	15,024	11,193	19.3	134.2	3.9
1967	28,928	16,628	12,300	14.9	135.2	4.3
1968	28,600	16,676	11,924	15.3	139.9	4.2
1969	26,874	15,544	11,330	14.2	137.2	3.9
1970	25,412	14,747	10,665	13.1	138.3	3.6
1971	24,805	14,292	10,513	12.4	135.9	3.6
1972	23,773	13,840	9,933	11.7	139.3	3.5
1973	23,683	13,698	9,985	11.3	137.2	3.3
1974	21,888	12,654	9,234	10.8	137.0	3.1
1975	19,103	10,975	8,128	10.0	135.0	2.7
1976	17,105	9,843	7,262	9.3	135.5	2.4
1977	15,666	8,988	6,678	8.9	134.6	2.3
1978	14,327	8,216	6,111	8.4	134.4	2.1
1979	12,923	7,387	5,536	7.9	133.4	1.9
1980	11,841	6,754	5,087	7.5	132.8	1.6
1981	10,891	6,148	4,743	7.1	129.6	1.5
1982	9,969	5,685	4,284	6.6	132.7	1.4
1983	9,406	5,267	4,139	6.2	127.3	1.3
1984	8,920	5,075	3,845	6.0	132.0	1.2
1985	7,899	4,332	3,567	5.5	121.4	1.1
1986	7,251	4,008	3,243	5.2	123.6	1.0
1987	6,711	3,734	2,977	5.0	125.4	0.9
1988	6,265	3,434	2,831	4.8	121.3	0.8
1989	5,724	3,118	2,606	4.6	119.6	0.7
1990	5,616	3,123	2,493	4.6	125.3	0.7
1991	5,418	2,915	2,503	4.4	116.5	0.7
1992	5,477	3,103	2,374	4.5	130.7	0.6
1993	5,169	2,847	2,322	4.3	122.6	0.6
1994	5,261	2,994	2,267	4.2	132.1	0.6
1995	5,054	2,808	2,246	4.3	125.0	0.5
1996	4,546	2,532	2,014	3.8	125.7	0.5
1997	4,403	2,414	1,989	3.7	121.4	0.5
1998	4,380	2,364	2,016	3.6	117.3	0.5
1999	4,010	2,224	1,786	3.4	124.5	0.4
2000	3,830	2,107	1,723	3.2	122.3	0.4
2001	3,599	1,989	1,610	3.1	123.5	0.4
2002	3,497	1,903	1,594	3.0	119.4	0.4
2003	3,364	1,787	1,577	3.0	113.3	0.3
2004	3,122	1,716	1,406	2.8	122.0	0.3

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.

1) The number of male deaths to the number of 100 female deaths.

Table 5.3 Neonatal Deaths by Sex, Neonatal Mortality Rates, Sex Ratio and Proportion of Neonatal Deaths to Total Infant Deaths: 1900-2004

Year	Number of neonatal deaths			Neonatal mortality rate (per 1,000 births)	Sex ratio ¹⁾	Percent of the infant deaths (%)
	Total	Male	Female			
1900	112,259	60,081	52,177	79.0	115.1	51.0
1910	126,910	67,556	59,353	74.1	113.8	46.0
1920	139,681	75,068	64,613	69.0	116.2	41.6
1930	104,101	57,067	47,033	49.9	121.3	40.2
1940	81,869	45,439	36,430	38.7	124.7	43.0
1947	84,204	46,545	37,659	31.4	123.7	41.0
1948	73,855	41,206	32,649	27.5	126.4	44.7
1949	72,432	40,271	32,161	26.9	125.0	43.0
1950	64,142	35,484	28,658	27.4	123.8	45.6
1951	58,686	32,488	26,198	27.5	124.0	47.8
1952	51,015	28,257	22,758	25.4	124.2	51.5
1953	47,580	26,351	21,229	25.5	124.1	52.1
1954	42,726	23,725	19,001	24.1	124.9	54.0
1955	38,646	21,395	17,251	22.3	124.0	56.2
1956	38,232	21,368	16,864	23.0	126.7	56.5
1957	33,847	18,967	14,880	21.6	127.5	54.0
1958	32,237	18,152	14,085	19.5	128.9	56.5
1959	30,235	17,202	13,033	18.6	132.0	55.2
1960	27,362	15,544	11,818	17.0	131.5	55.5
1961	26,255	15,101	11,154	16.5	135.4	57.7
1962	24,777	14,100	10,677	15.3	132.1	57.9
1963	22,965	13,154	9,811	13.8	134.1	59.7
1964	21,344	12,304	9,040	12.4	136.1	61.0
1965	21,260	12,315	8,945	11.7	137.7	63.0
1966	16,296	9,430	6,866	12.0	137.3	62.2
1967	19,248	11,170	8,078	9.9	138.3	66.5
1968	18,326	10,828	7,498	9.8	144.4	64.1
1969	17,116	10,074	7,042	9.1	143.1	63.7
1970	16,742	9,929	6,813	8.7	145.7	65.9
1971	16,450	9,633	6,817	8.2	141.3	66.3
1972	15,817	9,439	6,378	7.8	148.0	66.5
1973	15,473	9,157	6,316	7.4	145.0	65.3
1974	14,472	8,604	5,868	7.1	146.6	66.1
1975	12,912	7,560	5,352	6.8	141.3	67.6
1976	11,638	6,896	4,742	6.4	145.4	68.0
1977	10,773	6,290	4,483	6.1	140.3	68.8
1978	9,628	5,605	4,023	5.6	139.3	67.2
1979	8,590	4,980	3,610	5.2	138.0	66.5
1980	7,796	4,522	3,274	4.9	138.1	65.8
1981	7,188	4,111	3,077	4.7	133.6	66.0
1982	6,425	3,702	2,723	4.2	136.0	64.4
1983	5,894	3,305	2,589	3.9	127.7	62.7
1984	5,527	3,130	2,397	3.7	130.6	62.0
1985	4,910	2,705	2,205	3.4	122.7	62.2
1986	4,296	2,384	1,912	3.1	124.7	59.2
1987	3,933	2,206	1,727	2.9	127.7	58.6
1988	3,592	1,943	1,649	2.7	117.8	57.3
1989	3,214	1,737	1,477	2.6	117.6	56.1
1990	3,179	1,767	1,412	2.6	125.1	56.6
1991	2,978	1,591	1,387	2.4	114.7	55.0
1992	2,905	1,631	1,274	2.4	128.0	53.0
1993	2,765	1,513	1,252	2.3	120.8	53.5
1994	2,889	1,663	1,226	2.3	135.6	54.9
1995	2,615	1,467	1,148	2.2	127.8	51.7
1996	2,438	1,358	1,080	2.0	125.7	53.6
1997	2,307	1,241	1,066	1.9	116.4	52.4
1998	2,353	1,286	1,067	2.0	120.5	53.7
1999	2,137	1,166	971	1.8	120.1	53.3
2000	2,106	1,149	957	1.8	120.1	55.0
2001	1,909	1,056	853	1.6	123.8	53.0
2002	1,937	1,046	891	1.7	117.4	55.4
2003	1,879	976	903	1.7	108.1	55.9
2004	1,622	907	715	1.5	126.9	52.0

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.

1) The number of male deaths to the number of 100 female deaths.

Table 5.4 Perinatal Deaths by Sex and Perinatal Death Rates by Sex: 1979-2004

Year	Perinatal death					Fetal deaths after 22 weeks of pregnancy			Early neonatal deaths		
	Total	Male	Female	Sex ratio ¹⁾	rate (%) ²⁾	Total	Sex ratio ¹⁾	rate (%) ²⁾	Total	Sex ratio ¹⁾	rate (%) ³⁾
1979	36,190	19,183	16,135	118.9	21.6	29,289	114.1	17.5	6,901	141.0	4.2
1980	32,422	17,261	14,443	119.5	20.2	26,268	114.7	16.4	6,154	141.8	3.9
1981	30,274	16,095	13,507	119.2	19.5	24,672	115.7	15.9	5,602	135.6	3.7
1982	28,204	15,031	12,560	119.7	18.3	23,137	115.8	15.0	5,067	138.9	3.3
1983	25,925	13,600	11,790	115.4	16.9	21,354	112.2	14.0	4,571	131.0	3.0
1984	25,149	13,281	11,389	116.6	16.6	20,875	113.6	13.8	4,274	132.4	2.9
1985	22,379	11,578	10,358	111.8	15.4	18,642	109.5	12.9	3,737	123.8	2.6
1986	20,389	10,588	9,357	113.2	14.6	17,143	110.0	12.2	3,246	130.9	2.3
1987	18,699	9,866	8,370	117.9	13.7	15,634	115.8	11.5	3,065	128.9	2.3
1988	16,839	8,719	7,748	112.5	12.7	14,090	111.4	10.6	2,749	118.3	2.1
1989	15,183	7,832	6,976	112.3	12.1	12,797	110.8	10.2	2,386	120.3	1.9
1990	13,704	7,150	6,180	115.7	11.1	11,367	112.8	9.2	2,337	130.5	1.9
1991	10,426	5,259	4,889	107.6	8.5	8,258	105.8	6.7	2,168	114.4	1.8
1992	9,888	5,104	4,476	114.0	8.1	7,758	110.2	6.4	2,130	128.8	1.8
1993	9,226	4,790	4,194	114.2	7.7	7,191	111.2	6.0	2,035	125.4	1.7
1994	9,286	4,877	4,147	117.6	7.5	7,200	112.5	5.8	2,086	136.5	1.7
1995	8,412	4,386	3,820	114.8	7.0	6,580	111.5	5.5	1,832	127.0	1.5
1996	8,080	4,119	3,739	110.2	6.7	6,333	107.1	5.2	1,747	121.7	1.4
1997	7,624	3,910	3,514	111.3	6.4	6,009	109.3	5.0	1,615	118.5	1.4
1998	7,447	3,861	3,401	113.5	6.2	5,804	111.5	4.8	1,643	120.8	1.4
1999	7,102	3,576	3,331	107.4	6.0	5,567	105.4	4.7	1,535	114.4	1.3
2000	6,881	3,532	3,164	111.6	5.8	5,362	108.4	4.5	1,519	123.4	1.3
2001	6,476	3,313	2,988	110.9	5.5	5,114	107.3	4.3	1,362	124.8	1.2
2002	6,333	3,218	2,923	110.1	5.5	4,959	107.2	4.3	1,374	120.9	1.2
2003	5,929	2,976	2,765	107.6	5.3	4,626	107.7	4.1	1,303	107.5	1.2
2004	5,541	2,853	2,533	112.6	5.0	4,357	109.6	3.9	1,184	124.2	1.1

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*.

1) The number of male deaths to the number of 100 female deaths. 2) Per 1,000 live births and fetal deaths at over 22 completed weeks of gestation.

3) Per 1,000 live births.

Table 5.5 Proportion of Deaths by Month: 1947-2004

(%)

Year	January	February	March	April	May	June	July	August	September	October	November	December
1947	9.66	10.14	10.28	8.73	8.12	7.43	8.47	8.37	6.97	6.82	6.90	8.10
1950	10.10	9.00	9.83	7.88	7.60	7.30	7.92	8.12	7.36	7.39	7.48	10.02
1955	10.49	9.11	9.31	8.48	8.07	7.38	7.54	7.45	7.26	7.70	8.26	8.95
1960	10.08	9.10	10.33	10.15	7.95	7.01	6.95	6.97	6.74	7.68	7.78	9.25
1965	9.70	9.22	12.83	8.85	7.77	6.98	7.04	6.98	6.65	7.57	7.48	8.92
1970	12.53	9.03	9.30	7.93	7.81	7.08	7.76	7.21	6.73	7.73	7.97	8.91
1975	9.64	9.45	10.00	8.35	7.77	7.21	7.83	7.60	7.02	7.92	8.07	9.14
1980	9.73	9.17	9.56	8.44	8.15	7.27	7.41	7.42	7.26	8.06	8.32	9.21
1985	9.56	8.24	8.85	8.10	7.96	7.39	7.74	7.81	7.27	8.22	8.39	10.47
1990	10.52	8.82	8.89	8.08	8.02	7.44	7.77	7.82	7.32	8.09	8.31	8.91
1991	9.59	8.57	9.17	8.36	8.37	7.56	7.75	7.65	7.34	8.10	8.61	8.93
1992	9.35	8.93	8.91	8.13	8.23	7.61	7.85	7.75	7.51	8.10	8.42	9.18
1993	10.28	9.17	9.19	8.29	8.06	7.37	7.63	7.51	7.28	8.13	8.09	8.99
1994	9.38	8.41	9.27	8.38	7.95	7.31	7.90	8.19	7.52	8.14	8.36	9.20
1995	11.31	9.34	9.43	8.11	7.82	7.15	7.46	7.51	7.15	7.65	8.16	8.90
1996	9.51	8.87	9.01	8.43	8.19	7.32	7.69	7.61	7.39	8.19	8.25	9.56
1997	11.19	8.77	8.93	8.28	7.94	7.43	7.47	7.48	7.21	8.16	8.31	8.84
1998	9.58	9.40	9.19	8.06	7.93	7.44	7.69	7.67	7.40	8.00	8.51	9.14
1999	11.81	9.48	8.95	8.08	7.95	7.18	7.34	7.43	7.07	7.76	7.96	8.99
2000	10.22	9.62	9.22	8.30	8.01	7.20	7.54	7.49	7.23	7.89	8.25	9.03
2001	9.64	8.35	9.15	8.46	8.15	7.44	7.77	7.58	7.49	8.12	8.61	9.23
2002	9.55	8.47	8.98	8.11	8.06	7.46	7.79	7.71	7.49	8.15	8.86	9.37
2003	10.66	8.72	9.03	8.24	8.10	7.37	7.54	7.63	7.36	8.14	8.17	9.03
2004	9.71	8.98	8.94	8.13	8.04	7.35	7.72	7.69	7.40	8.34	8.43	9.26

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*. The ratio is based on the annual number of deaths. The Data for 1947-1972 do not include Okinawa Prefecture.

Table 5.6 Deaths by Sex and Age (5-Year Age Groups): 1920-2004

Age group	1920	1930	1940	1950	1970	1980	1990	2000	2004
Male									
Total	720,655	603,995	615,311	467,073	387,880	390,644	443,718	525,903	557,097
0- 4	270,154	213,764	172,880	118,289	19,085	9,352	4,532	2,933	2,377
5- 9	21,487	16,195	17,580	10,587	2,384	1,748	844	438	380
10-14	11,943	9,340	11,306	5,048	1,652	1,030	760	493	364
15-19	29,290	24,266	30,164	10,655	4,963	2,967	3,204	1,721	1,297
20-24	31,924	25,780	28,039	18,652	6,813	3,420	3,466	2,875	2,265
25-29	27,151	19,391	23,849	15,891	6,503	4,095	2,916	3,271	2,832
30-34	25,289	15,331	19,020	12,541	7,170	5,546	3,264	3,749	4,050
35-39	23,527	14,651	18,183	14,131	10,349	7,302	5,449	4,621	4,842
40-44	24,794	17,188	19,141	15,679	12,836	10,512	9,769	6,840	6,747
45-49	23,782	21,789	22,224	19,144	13,261	17,601	14,218	13,141	10,746
50-54	27,513	28,270	29,192	23,308	17,013	22,341	20,161	24,103	21,028
55-59	29,775	31,247	35,757	28,706	26,712	22,980	32,925	31,848	31,818
60-64	38,042	35,574	45,097	35,028	38,080	29,212	42,742	42,214	42,772
65-69	43,152	35,738	43,959	41,034	52,135	43,901	42,664	60,962	55,800
70-74	41,136	38,952	40,483	42,419	58,277	57,166	51,737	76,413	77,929
75-79	30,068	30,769	30,068	30,634	52,086	63,893	69,320	73,947	94,090
80-84	14,260	18,124	18,867	17,008	36,421	51,097	67,916	73,533	80,607
85-89	5,951	6,246	7,556	6,344	16,602	26,362	45,623	62,730	65,091
90-94	1,184	1,117	1,708	1,523	4,538	8,497	17,914	30,830	38,879
95-99	141	202	220	204	626	1,246	3,547	7,642	11,088
100 and over	64	24	18	16	38	100	367	975	1,546
Female									
Total	701,441	566,871	571,284	437,803	325,082	332,157	376,587	435,750	471,505
0- 4	247,668	190,323	152,427	104,614	13,794	6,946	3,451	2,336	1,904
5- 9	24,427	16,828	17,315	9,187	1,425	1,025	533	300	227
10-14	17,892	12,621	14,300	5,164	973	597	482	251	225
15-19	37,134	27,867	30,846	10,567	1,963	1,076	1,149	676	631
20-24	38,982	27,367	27,948	17,219	3,567	1,430	1,329	1,160	976
25-29	32,611	20,998	23,718	17,015	3,868	2,178	1,361	1,546	1,325
30-34	27,900	17,456	19,108	13,875	4,293	3,226	1,774	1,847	1,919
35-39	24,625	15,812	17,932	14,043	5,772	4,160	3,102	2,425	2,563
40-44	22,343	15,514	16,510	13,655	7,622	5,612	5,542	3,639	3,322
45-49	17,790	16,347	15,806	14,775	9,887	8,525	7,510	6,595	5,352
50-54	19,544	19,449	20,086	17,072	12,567	11,832	10,097	11,740	10,279
55-59	21,107	21,168	24,305	19,730	17,752	15,020	14,616	14,144	14,662
60-64	28,606	25,348	32,117	26,324	23,879	19,673	19,986	18,466	18,807
65-69	35,171	28,751	35,354	34,783	33,104	29,753	27,267	28,096	25,697
70-74	39,136	36,357	40,151	41,670	43,854	42,170	38,076	40,115	39,185
75-79	33,623	35,052	35,913	36,421	49,431	56,151	58,203	57,053	58,074
80-84	20,034	25,108	28,380	25,742	47,057	59,182	71,633	73,527	79,831
85-89	9,872	11,352	14,427	11,858	30,406	40,930	65,497	86,250	89,719
90-94	2,472	2,621	3,961	3,451	11,662	18,333	34,900	60,083	77,410
95-99	370	459	631	496	1,961	3,889	8,808	21,588	32,397
100 and over	111	62	49	39	164	397	1,202	3,814	6,890

Source: *Nihon Teikoku Jinko Dotai Tokei* (1920-30) and Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan* (from 1940 onwards). The data for 1950-1970 do not include Okinawa Prefecture. The total includes those whose age was not reported.

Table 5.7 Death Rates by Sex and Age (5-Year Age Groups): 1920-2004

(%)

Age group	1920	1930	1940	1950	1970	1980	1990	2000	2004
Male									
Total	25.7	18.6	17.4	11.5	7.7	6.8	7.4	8.6	9.0
0- 4	72.0	47.1	37.4	20.9	4.3	2.2	1.4	1.0	0.8
5- 9	6.2	4.1	3.9	2.2	0.6	0.3	0.2	0.1	0.1
10-14	3.9	2.7	2.7	1.2	0.4	0.2	0.2	0.1	0.1
15-19	10.7	7.3	8.2	2.5	1.1	0.7	0.6	0.5	0.4
20-24	13.8	9.2	12.2	4.9	1.3	0.9	0.8	0.7	0.6
25-29	13.5	7.8	9.2	5.7	1.4	0.9	0.7	0.7	0.6
30-34	13.8	7.0	7.8	5.4	1.7	1.0	0.8	0.9	0.8
35-39	13.8	7.9	8.1	6.0	2.5	1.6	1.2	1.1	1.1
40-44	15.1	10.2	9.7	7.2	3.5	2.5	1.8	1.8	1.7
45-49	17.7	14.3	13.5	9.6	5.0	4.4	3.2	3.0	2.8
50-54	24.5	20.0	20.1	13.7	8.0	6.3	5.1	4.7	4.6
55-59	32.6	28.8	28.8	20.9	13.2	9.2	8.7	7.5	6.7
60-64	47.4	43.4	43.0	31.7	21.8	15.1	13.2	11.3	10.3
65-69	70.2	61.9	62.6	51.7	37.5	25.3	19.5	18.2	16.1
70-74	103.0	96.4	96.1	78.6	60.9	43.6	33.3	28.8	26.5
75-79	151.7	138.3	139.2	114.6	98.2	75.5	58.0	45.8	43.6
80-84	217.8	203.2	208.2	178.2	151.3	122.6	100.2	80.8	71.7
85-89	} 241.0	280.6	} 243.7	259.2	232.6	190.4	165.5	132.1	124.4
90-94		364.9		407.6	283.1	284.6	252.1	207.3	} 209.8
95-99		344.7		421.7	460.0	399.6	366.6	305.8	
100 and over		774.2		640.3	585.1	574.9	566.8	482.1	
Female									
Total	25.1	17.7	15.6	10.4	6.2	5.6	6.0	6.8	7.3
0- 4	66.8	42.6	33.8	19.2	3.2	1.7	1.1	0.8	0.7
5- 9	7.2	4.4	4.0	2.0	0.4	0.2	0.1	0.1	0.1
10-14	5.9	3.8	3.4	1.2	0.3	0.1	0.1	0.1	0.1
15-19	13.9	8.7	8.4	2.5	0.4	0.3	0.2	0.2	0.2
20-24	17.0	10.1	9.2	4.4	0.7	0.4	0.3	0.3	0.3
25-29	17.0	8.9	8.4	5.1	0.9	0.5	0.3	0.3	0.3
30-34	15.7	8.6	7.8	4.9	1.0	0.6	0.5	0.4	0.4
35-39	14.5	9.2	8.3	5.3	1.4	0.9	0.7	0.6	0.6
40-44	13.9	9.7	8.9	6.0	2.1	1.3	1.0	1.0	0.9
45-49	13.5	10.7	10.1	7.5	3.1	2.1	1.7	1.5	1.4
50-54	17.6	13.7	14.0	10.3	4.8	3.3	2.5	2.3	2.2
55-59	22.7	18.7	18.4	14.4	7.5	4.9	3.7	3.2	3.0
60-64	33.5	28.1	27.3	22.1	12.2	7.8	5.7	4.7	4.2
65-69	50.4	42.4	41.5	35.7	21.0	13.4	9.4	7.5	6.7
70-74	78.7	69.6	70.0	56.3	37.5	24.8	16.9	12.5	11.2
75-79	118.5	106.5	108.7	87.3	67.3	47.4	32.0	22.7	19.9
80-84	184.3	160.7	173.6	143.1	115.5	87.7	62.1	43.4	38.1
85-89	} 192.4	237.0	} 200.1	217.7	192.6	151.1	117.6	82.0	75.4
90-94		320.2		332.2	268.7	244.6	197.5	143.0	} 152.1
95-99		212.0		305.3	422.7	381.4	308.8	231.6	
100 and over		837.9		541.8	677.9	491.3	468.7	373.8	

The rates per 1,000 people by sex and age based on *Nihon Teikoku Jinko Dotai Tokei* (1920 and 1930) and Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan* (from 1940 onwards). For the data for 1920-40 the total population including foreigners living in Japan at that time, was used as the denominator, and for the data from 1950 onwards, the Japanese population was used. The data for 1950-70 do not include Okinawa Prefecture.

Table 5.8 Life Table: 2004

Age x	Probability of dying ${}_nq_x$	Number of survivors ${}_n\ell_x$	Number of deaths ${}_nd_x$	Stationary population		Life expectancy \dot{e}_x
				${}_nL_x$	T_x	
Male						
0	0.00301	100,000	301	99,799	7,863,631	78.64
1	0.00044	99,699	44	99,676	7,763,832	77.87
2	0.00031	99,656	31	99,637	7,664,156	76.91
3	0.00022	99,624	22	99,613	7,564,519	75.93
4	0.00016	99,603	16	99,594	7,464,906	74.95
0- 4	0.00414	100,000	414	498,319	7,863,631	78.64
5- 9	0.00062	99,587	62	497,767	7,365,312	73.96
10-14	0.00059	99,525	59	497,497	6,867,545	69.00
15-19	0.00183	99,465	182	496,944	6,370,048	64.04
20-24	0.00289	99,284	287	495,716	5,873,104	59.15
25-29	0.00324	98,996	321	494,202	5,377,388	54.32
30-34	0.00414	98,674	409	492,395	4,883,186	49.49
35-39	0.00573	98,265	563	489,997	4,390,791	44.68
40-44	0.00866	97,702	846	486,554	3,900,794	39.93
45-49	0.01367	96,856	1,324	481,180	3,414,240	35.25
50-54	0.02190	95,531	2,092	472,834	2,933,060	30.70
55-59	0.03423	93,438	3,198	459,730	2,460,226	26.33
60-64	0.05071	90,239	4,576	440,350	2,000,496	22.17
65-69	0.07731	85,663	6,623	412,929	1,560,146	18.21
70-74	0.12615	79,041	9,971	371,796	1,147,217	14.51
75-79	0.20117	69,070	13,895	312,375	775,421	11.23
80-84	0.31464	55,175	17,360	233,530	463,046	8.39
85-89	0.47649	37,816	18,019	143,141	229,516	6.07
90-94	0.64538	19,796	12,776	63,856	86,375	4.36
95-99	0.78166	7,021	5,488	18,829	22,519	3.21
100-	1.00000	1,534	1,534	3,690	3,690	2.41
Female						
0	0.00259	100,000	259	99,832	8,558,879	85.59
1	0.00035	99,741	35	99,720	8,459,047	84.81
2	0.00025	99,706	25	99,691	8,359,326	83.84
3	0.00017	99,681	17	99,672	8,259,636	82.86
4	0.00012	99,664	12	99,658	8,159,963	81.87
0- 4	0.00348	100,000	348	498,573	8,558,879	85.59
5- 9	0.00041	99,652	41	498,151	8,060,306	80.88
10-14	0.00037	99,612	37	497,974	7,562,155	75.92
15-19	0.00094	99,574	94	497,661	7,064,181	70.94
20-24	0.00134	99,479	133	497,071	6,566,520	66.01
25-29	0.00155	99,346	154	496,367	6,069,449	61.09
30-34	0.00204	99,193	202	495,487	5,573,082	56.18
35-39	0.00304	98,990	301	494,246	5,077,595	51.29
40-44	0.00436	98,689	430	492,426	4,583,349	46.44
45-49	0.00680	98,259	668	489,767	4,090,923	41.63
50-54	0.01071	97,591	1,045	485,535	3,601,156	36.90
55-59	0.01542	96,546	1,489	479,167	3,115,621	32.27
60-64	0.02124	95,058	2,019	470,552	2,636,454	27.74
65-69	0.03282	93,039	3,054	458,136	2,165,902	23.28
70-74	0.05506	89,985	4,955	438,539	1,707,766	18.98
75-79	0.09652	85,031	8,207	406,425	1,269,227	14.93
80-84	0.17933	76,823	13,777	352,417	862,802	11.23
85-89	0.32122	63,045	20,251	266,679	510,385	8.10
90-94	0.50645	42,794	21,673	158,695	243,706	5.69
95-99	0.68349	21,121	14,436	65,260	85,011	4.02
100-	1.00000	6,683	6,683	19,751	19,751	2.96

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Abridged Life Table 2004*.

Table 5.9 Life Expectancy at Birth, Age 15 and Age 65: 1921-2050

(Year)

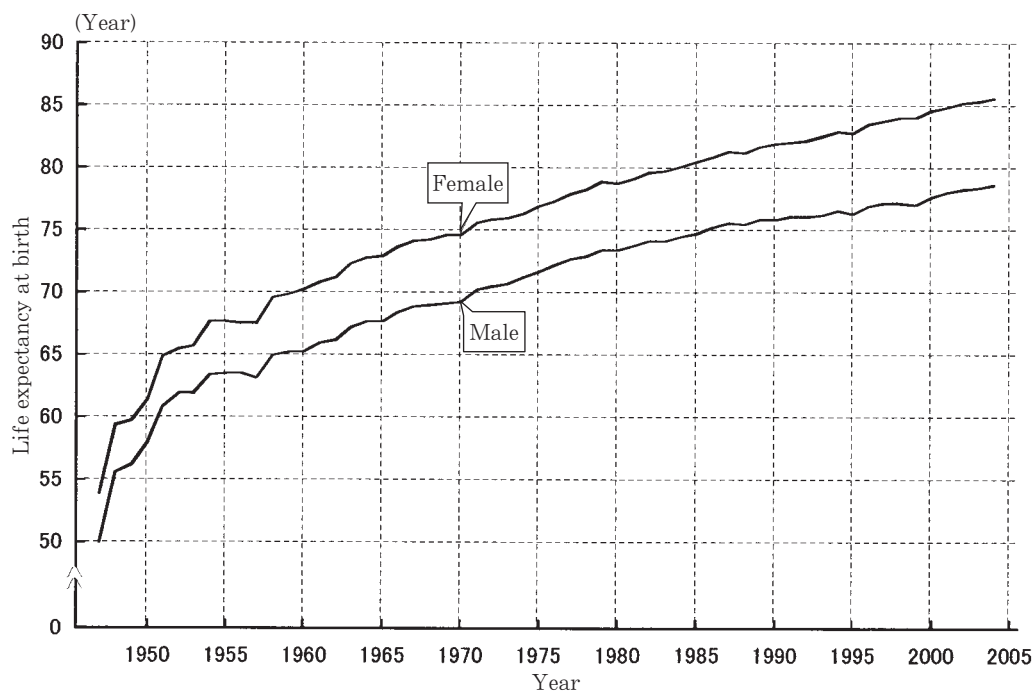
Year	Life expectancy at birth			Increment		Life expectancy at age 15		Life expectancy at age 65	
	Male	Female	Difference between males and females	Male	Female	Male	Female	Male	Female
1921-25	42.06	43.20	1.14			42.31	43.12	9.31	11.10
1926-30	44.82	46.54	1.72	2.76	3.34	43.58	45.11	9.64	11.58
1935-36	46.92	49.63	2.71	2.10	3.09	43.85	46.33	9.89	11.88
1947	50.06	53.96	3.90	3.14	4.33	44.93	48.81	10.16	12.22
1950-52	59.57	62.97	3.40	9.51	9.01	50.95	54.10	11.35	13.36
1955	63.60	67.75	4.15	4.03	4.78	53.09	56.96	11.82	14.13
1960	65.32	70.19	4.87	1.72	2.44	53.74	58.17	11.62	14.10
1965	67.74	72.92	5.18	2.42	2.73	54.93	59.71	11.88	14.56
1970	69.31	74.66	5.35	1.57	1.74	55.97	60.99	12.50	15.34
1975	71.73	76.89	5.16	2.42	2.23	58.03	62.94	13.72	16.56
1980	73.35	78.76	5.41	1.62	1.87	59.35	64.58	14.56	17.68
1985	74.78	80.48	5.70	1.43	1.72	60.54	66.13	15.52	18.94
1990	75.92	81.90	5.98	1.14	1.42	61.58	67.46	16.22	20.03
1995	76.38	82.85	6.47	0.46	0.95	62.00	68.39	16.48	20.94
2000	77.72	84.60	6.88	1.34	1.75	63.19	70.01	17.54	22.42
2001 ¹⁾	78.07	84.93	6.86	0.35	0.33	63.51	70.33	17.78	22.68
2002 ¹⁾	78.32	85.23	6.91	0.25	0.30	63.75	70.63	17.96	22.96
2003 ¹⁾	78.36	85.33	6.97	0.04	0.10	63.76	70.73	18.02	23.04
2004 ¹⁾	78.64	85.59	6.95	0.28	0.26	64.04	70.94	18.21	23.28
2005 ²⁾	78.11	85.20	7.10	-0.53	-0.39	63.53	70.58	17.72	22.87
2025 ²⁾	79.76	87.52	7.75	1.65	2.32	65.08	72.79	18.88	24.75
2050 ²⁾	80.95	89.22	8.27	1.19	1.70	66.20	74.43	19.73	26.16

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Life Table*, unless otherwise stated in the notes.

1) Statistics and Information Department, Ministry of Health, Labour and Welfare, *Abridged Life Table*.

2) National Institute of Population and Social Security Research, *Population Projections for Japan: 2001-2050* (January 2002).

Figure 5.2 Life Expectancy at Birth: 1947-2004



See the notes for Table 5.9.

Table 5.10 Life Expectancy by Sex and Age: 1947-2000

(Year)

Age	1947	1950-52	1960	1965	1970	1975	1980	1985	1990	1995	2000
Male											
0	50.06	59.57	65.32	67.74	69.31	71.73	73.35	74.78	75.92	76.38	77.72
5	53.61	60.10	63.26	64.57	65.67	67.80	69.17	70.39	71.45	71.87	73.10
10	49.49	55.68	58.57	59.80	60.85	62.94	64.28	65.47	66.53	66.94	68.15
15	44.93	50.95	53.74	54.93	55.97	58.03	59.35	60.54	61.58	62.00	63.19
20	40.89	46.43	59.08	50.18	51.26	53.27	54.56	55.74	56.77	57.16	58.33
25	37.60	42.24	44.58	45.54	46.58	48.54	49.79	50.97	51.98	52.37	53.52
30	34.23	38.10	40.07	40.90	41.90	43.78	45.00	46.16	47.16	47.55	48.69
35	30.62	33.87	35.52	36.28	37.24	39.05	40.22	41.36	42.35	42.74	43.89
40	26.88	29.65	31.02	31.73	32.68	34.41	35.52	36.63	37.58	37.96	39.13
45	23.12	25.52	26.61	27.28	28.22	29.92	30.94	32.01	32.92	33.28	34.45
50	19.44	21.54	22.39	23.00	23.88	25.56	26.57	27.56	28.40	28.75	29.91
55	15.97	17.79	18.45	18.94	19.76	21.35	22.35	23.36	24.06	24.41	25.58
60	12.83	14.36	14.84	15.20	15.93	17.38	18.31	19.34	20.01	20.28	21.44
65	10.16	11.35	11.62	11.88	12.50	13.72	14.56	15.52	16.22	16.48	17.54
70	7.93	8.82	8.85	8.99	9.56	10.53	11.18	12.00	12.66	12.97	13.97
75	6.09	6.78	6.60	6.63	7.14	7.85	8.34	8.93	9.50	9.81	10.75
80	4.62	5.04	4.91	4.81	5.26	5.70	6.08	6.51	6.88	7.13	7.96
85	3.46	3.72	3.69	3.51	3.82	4.14	4.39	4.64	4.93	5.05	5.76
90	2.56	2.70	2.69	2.56	2.75	3.05	3.17	3.28	3.51	3.58	4.10
Female											
0	53.96	62.97	70.19	72.92	74.66	76.89	78.76	80.48	81.90	82.85	84.60
5	57.45	63.28	67.79	69.47	70.78	72.78	74.46	76.03	77.37	78.29	79.95
10	53.31	58.82	63.01	64.62	65.91	67.87	69.53	71.08	72.42	73.34	74.98
15	48.81	54.10	58.17	59.71	60.99	62.94	64.58	66.13	67.46	68.39	70.01
20	44.87	49.58	53.39	54.85	56.11	58.04	59.66	61.20	62.54	63.46	65.08
25	41.48	45.35	48.74	50.06	51.30	53.19	54.77	56.30	57.63	58.56	60.16
30	37.95	41.20	44.10	45.31	46.50	48.35	49.90	51.41	52.73	53.65	55.26
35	34.24	36.99	39.48	40.58	41.73	43.53	45.04	46.54	47.84	48.77	50.37
40	30.39	32.77	34.90	35.91	37.01	38.76	40.23	41.72	43.00	43.91	45.52
45	26.52	28.58	30.39	31.31	32.37	34.06	35.49	36.96	38.22	39.12	40.73
50	22.64	24.47	26.03	26.85	27.84	29.46	30.84	32.28	33.51	34.43	36.01
55	18.92	20.53	21.83	22.54	23.47	25.00	26.30	27.71	28.90	29.82	31.40
60	15.39	16.81	17.83	18.42	19.27	20.68	21.89	23.24	24.39	25.31	26.85
65	12.22	13.36	14.10	14.56	15.34	16.56	17.68	18.94	20.03	20.94	22.42
70	9.41	10.34	10.78	11.09	11.75	12.78	13.73	14.89	15.87	16.76	18.19
75	7.03	7.76	8.01	8.11	8.70	9.47	10.24	11.19	12.06	12.88	14.19
80	5.09	5.64	5.88	5.80	6.27	6.76	7.33	8.07	8.72	9.47	10.60
85	3.58	3.92	4.26	4.19	4.46	4.79	5.12	5.60	6.10	6.67	7.61
90	2.45	2.72	2.99	2.96	3.26	3.39	3.55	3.82	4.18	4.64	5.29

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Life Table*.

Table 5.11 Percentage of Life Table Survivors by Sex: 1921-2050

(%)

Year	From birth until age 15		From birth until age 65		From birth until age 75		From age 15 until age 65	
	Male	Female	Male	Female	Male	Female	Male	Female
1921-25	72.47	73.26	30.52	35.02	12.80	18.71	42.11	47.81
1926-30	75.70	76.52	33.81	39.59	14.81	22.10	44.67	51.74
1935-36	79.10	80.12	36.22	43.55	16.48	25.26	45.79	54.36
1947	82.91	83.97	39.85	49.15	18.49	28.95	48.06	58.53
1950-52	90.02	90.82	55.11	62.85	29.44	40.45	61.22	69.20
1955	93.19	93.98	61.84	70.61	34.57	47.62	66.36	75.13
1960	94.87	95.82	64.78	75.21	36.12	51.47	68.28	78.49
1965	96.75	97.54	69.08	79.96	39.86	57.14	71.40	81.98
1970	97.57	98.20	72.07	82.57	43.53	61.17	73.87	84.08
1975	98.15	98.62	76.82	86.09	51.05	67.80	78.27	87.29
1980	98.60	98.95	79.39	88.50	55.74	72.68	80.52	89.44
1985	98.96	99.18	81.12	90.09	60.25	76.94	81.97	90.83
1990	99.10	99.30	82.60	91.32	63.04	79.85	83.35	91.96
1995	99.16	99.33	83.30	91.62	63.84	81.20	84.00	92.23
2000	99.38	99.50	84.68	92.59	66.73	83.71	85.21	93.05
2001 ¹⁾	99.42	99.52	85.11	92.81	67.52	84.16	85.60	93.25
2002 ¹⁾	99.44	99.52	85.38	92.92	68.19	84.52	85.87	93.37
2003 ¹⁾	99.47	99.52	85.32	93.01	68.36	84.76	85.78	93.46
2004 ¹⁾	99.47	99.57	85.66	93.04	69.07	85.03	86.12	93.44
2005 ²⁾	99.44	99.55	85.28	93.03	67.87	84.74	85.76	93.45
2025 ²⁾	99.59	99.68	87.17	94.41	71.79	87.99	87.52	94.71
2050 ²⁾	99.68	99.75	88.40	95.27	74.43	90.01	88.68	95.51

Source: Cabinet Statistics Bureau and Statistics and Information Department, Ministry of Health, Labour and Welfare, *Life Table*, unless otherwise stated in the notes. Computed based on *lx* in *Life Table*.

1) Statistics and Information Department, Ministry of Health, Labour and Welfare, *Abridged Life Table*.

2) National Institute of Population and Social Security Research, *Population Projections for Japan: 2001-2050* (January 2002).

Table 5.12 Contribution of Changes in Age-Specific Mortality Rates to Increments of Life Expectancy at Birth: 1891-2000

Period		Life expectancy at birth (years)		Contribution of changes in age-specific mortality rates (%)					
Life Table	Year	Life expectancy at birth (years) ¹⁾	Increment	0	1-4	5-14	15-39	40-64	65 and over
Male									
1st- 8th	(1891-98)-(1947)	35.29	14.79	51.2	17.1	10.8	8.8	9.4	2.7
8th-13th	1947-1970	50.08	19.23	22.9	19.6	5.6	27.5	17.5	6.8
13th-19th	1970-2000	69.31	8.41	9.9	2.8	2.7	10.9	26.0	47.7
Female									
1st- 8th	(1891-98)-(1947)	36.86	17.10	46.4	13.7	10.8	16.9	8.7	3.5
8th-13th	1947-1970	53.96	20.70	20.9	19.7	5.8	26.9	16.7	9.9
13th-19th	1970-2000	74.66	9.94	6.7	1.9	1.6	6.2	20.1	63.5
8th- 9th	(1947)-(1950-52)	53.96	9.02	18.5	24.0	6.2	31.0	13.2	7.1
9th-10th	(1950-52)-(1955)	62.98	4.77	18.0	20.7	6.0	26.9	17.6	10.8
10th-11th	1955-1960	67.75	2.45	27.6	18.6	6.9	26.3	21.4	-0.8
11th-12th	1960-1965	70.19	2.73	29.6	10.5	5.2	20.2	21.6	12.9
12th-13th	1965-1970	72.92	1.73	20.8	4.9	2.5	11.2	24.0	36.6
13th-14th	1970-1975	74.66	2.23	9.5	2.4	2.2	10.3	29.5	46.1
14th-15th	1975-1980	76.89	1.88	8.9	2.5	2.0	10.1	24.7	51.8
15th-16th	1980-1985	78.76	1.72	7.0	2.4	1.4	4.8	18.5	65.9
16th-17th	1985-1990	80.48	1.42	5.2	1.0	0.6	4.5	19.6	69.1
17th-18th	1990-1995	81.91	0.95	2.7	0.4	-0.6	2.9	6.3	88.3
18th-19th	1995-2000	82.85	1.75	3.8	1.8	2.4	1.4	12.7	77.9

The data of the 1st Life Table were from Haruo Mizushima (1963). The data of the 8th-19th Life Table were from Statistics and Information Department, Ministry of Health, Labour and Welfare, *Life Table*.

1) Life expectancy in the beginning year of the period.

Table 5.13 Life Expectancy at Age 20 and Age 40 by Sex and Marital Status: 1955-1995

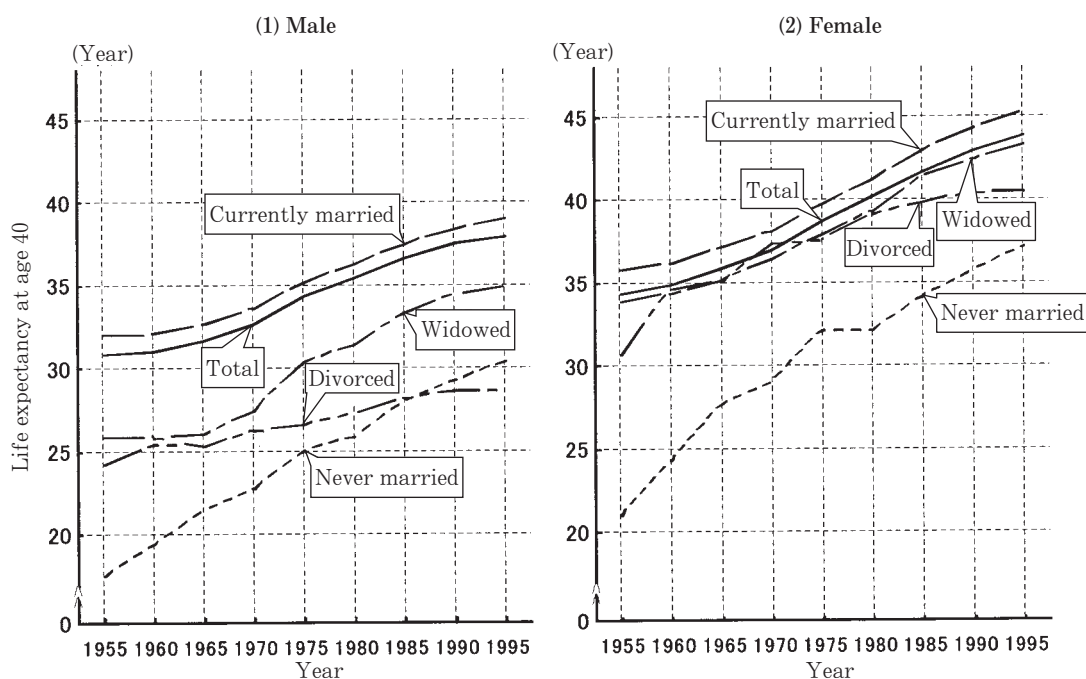
(Year)

Sex/ age/ marital status	1955	1960	1965	1970	1975	1980	1985	1990	1995
(1) Male									
At age 20									
Total ¹⁾	48.47	49.08	50.18	51.26	53.27	54.56	55.74	56.77	57.16
Never married	33.80	36.20	38.83	40.33	43.10	44.48	46.88	48.24	49.44
Currently married	50.56	50.83	51.65	52.61	54.42	55.71	56.97	57.92	58.58
Widowed	40.95	41.55	41.96	43.80	47.59	48.41	51.23	51.41	47.22
Divorced	39.32	40.93	41.02	42.17	42.37	43.80	45.15	45.51	45.50
At age 40									
Total ¹⁾	30.85	31.02	31.73	32.68	34.41	35.52	36.63	37.58	37.96
Never married	17.55	19.49	21.49	22.75	25.10	25.94	28.06	29.26	30.42
Currently married	32.09	32.11	32.73	33.65	35.20	36.32	37.52	38.42	39.06
Widowed	25.94	25.80	26.06	27.48	30.43	31.38	33.40	34.42	34.95
Divorced	24.26	25.42	25.33	26.26	26.69	27.25	28.22	28.69	28.72
(2) Female									
At age 20									
Total ¹⁾	52.25	53.39	54.85	56.11	58.04	59.66	61.20	62.54	63.46
Never married	37.77	41.68	45.87	47.31	50.76	51.16	53.33	55.02	56.53
Currently married	54.26	55.08	56.38	57.47	59.23	60.82	62.60	64.03	64.96
Widowed	51.92	52.74	53.88	55.29	56.83	58.43	60.09	60.45	58.03
Divorced	48.27	52.47	53.17	55.71	56.01	57.97	58.70	59.12	59.41
At age 40									
Total ¹⁾	34.34	34.90	35.91	37.01	38.76	40.23	41.72	43.00	43.91
Never married	21.02	24.32	27.76	29.01	32.14	32.16	34.18	35.76	37.18
Currently married	35.85	36.18	37.20	38.16	39.79	41.26	42.96	44.36	45.28
Widowed	33.85	34.37	35.15	36.42	37.98	39.35	41.41	42.46	43.32
Divorced	30.66	34.65	35.05	37.43	37.66	39.13	39.85	40.44	40.49

Computed by the National Institute of Population and Social Security Research. Since the way of computation for life expectancy of widowed and divorced persons in 1995 differs from the ordinary one, it is necessary to be careful if you compare one with the other. For more details, refer to Akira Ishikawa (1999).

1) Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Life Table*.

Figure 5.3 Life Expectancy at Age 40 by Sex and Marital Status: 1955-1995



See the notes for Table 5.13.

Table 5.14 Deaths, Death Rates, and Proportion from Selected Causes: 1935-2004

Cause of death	1935	1950	1960	1970	1980	1990	2000	2004
Number of deaths								
Total	1,161,936	904,876	706,599	712,962	722,801	820,305	961,653	1,028,602
Tuberculosis	132,151	121,769	31,959	15,899	6,439	3,664	2,656	2,330
Malignant neoplasms	50,080	64,428	93,773	119,977	161,764	217,413	295,484	320,358
Diabetes mellitus	2,527	2,034	3,195	7,642	8,504	9,470	12,303	12,637
Hypertensive diseases	...	9,935	15,115	18,303	15,911	9,246	6,063	5,706
Heart diseases	39,902	53,377	68,400	89,411	123,505	165,478	146,741	159,625
Cerebrovascular diseases	114,554	105,728	150,109	181,315	162,317	121,944	132,529	129,055
Pneumonia	105,078	54,169	37,534	27,929	33,051	68,194	86,938	95,534
Diseases of liver	8,074	8,630	13,389	17,097	18,978	19,700	16,079	15,885
Renal failure	...	...	...	...	7,048	15,575	17,260	19,117
Senility	78,972	58,412	54,139	39,277	32,154	24,187	21,213	24,126
Accidents	29,023	32,850	38,964	43,802	29,217	32,122	39,484	38,193
Suicide	14,172	16,311	20,143	15,728	20,542	20,088	30,251	30,247
Death rate (per 100,000 population)								
Total	1,677.8	1,087.6	756.4	691.4	621.4	668.4	765.6	815.2
Tuberculosis	190.8	146.4	34.2	15.4	5.5	3.0	2.1	1.8
Malignant neoplasms	72.3	77.4	100.4	116.3	139.1	177.2	235.2	253.9
Diabetes mellitus	3.6	2.5	3.4	7.4	7.3	7.7	9.8	10.0
Hypertensive diseases	...	11.9	16.2	17.7	13.7	7.5	4.8	4.5
Heart diseases	57.6	64.2	73.2	86.7	106.2	134.8	116.8	126.5
Cerebrovascular diseases	165.4	127.1	160.7	175.8	139.5	99.4	105.5	102.3
Pneumonia	151.7	65.5	40.4	27.1	28.4	55.6	69.2	75.7
Diseases of liver	11.7	10.4	14.4	16.6	16.3	16.1	12.8	12.6
Renal failure	...	...	...	...	6.1	12.7	13.7	15.2
Senility	114.0	70.2	58.0	38.1	27.6	19.7	16.9	19.1
Accidents	41.9	39.5	41.7	42.5	25.1	26.2	31.4	30.3
Suicide	20.5	19.6	21.6	15.3	17.7	16.4	24.1	24.0
Proportion (%)								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuberculosis	11.4	13.5	4.5	2.2	0.9	0.4	0.3	0.2
Malignant neoplasms	4.3	7.1	13.3	16.8	22.4	26.5	30.7	31.1
Diabetes mellitus	0.2	0.2	0.5	1.1	1.2	1.2	1.3	1.2
Hypertensive diseases	...	1.1	2.1	2.6	2.2	1.1	0.6	0.6
Heart diseases	3.4	5.9	9.7	12.5	17.1	20.2	15.3	15.5
Cerebrovascular diseases	9.9	11.7	21.2	25.4	22.5	14.9	13.8	12.5
Pneumonia	9.0	6.0	5.3	3.9	4.6	8.3	9.0	9.3
Diseases of liver	0.7	1.0	1.9	2.4	2.6	2.4	1.7	1.5
Renal failure	...	...	...	...	1.0	1.9	1.8	1.9
Senility	6.8	6.5	7.7	5.5	4.4	2.9	2.2	2.3
Accidents	2.5	3.6	5.5	6.1	4.0	3.9	4.1	3.7
Suicide	1.2	1.8	2.9	2.2	2.8	2.4	3.1	2.9

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*.

Table 5.15 Ranking of Selected Causes by Death Rates: 1900-2004

(Death rate per 100,000 population)

Ranking	1900		1910		1920		1930	
	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate
1	Pneumonia & Bronchitis	226.1	Pneumonia & Bronchitis	262.0	Pneumonia & Bronchitis	408.0	Gastroenteritis	221.4
2	Tuberculosis	163.7	Tuberculosis	230.2	Gastroenteritis	254.2	Pneumonia & Bronchitis	200.1
3	Cerebrovascular diseases	159.2	Gastroenteritis	213.4	Tuberculosis	223.7	Tuberculosis	185.6
4	Gastroenteritis	133.8	Cerebrovascular diseases	131.9	Influenza	193.7	Cerebrovascular diseases	162.8
5	Senility	131.0	Senility	120.2	Cerebrovascular diseases	157.6	Senility	118.8

Ranking	1940		1950		1960		1965	
	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate
1	Tuberculosis	212.9	Tuberculosis	146.4	Cerebrovascular diseases	160.7	Cerebrovascular diseases	175.8
2	Pneumonia & Bronchitis	185.8	Cerebrovascular diseases	127.1	Malignant neoplasms	100.4	Malignant neoplasms	108.4
3	Cerebrovascular diseases	177.7	Pneumonia & Bronchitis	93.2	Heart diseases	73.2	Heart diseases	77.0
4	Gastroenteritis	159.2	Gastroenteritis	82.4	Senility	58.0	Senility	50.0
5	Senility	124.5	Malignant neoplasms	77.4	Pneumonia & Bronchitis	49.3	Accidents	40.9
6			Senility	70.2	Accidents	41.7	Pneumonia & Bronchitis	37.3
7			Heart diseases	64.2	Tuberculosis	34.2	Tuberculosis	22.8
8			Diseases of infancy	62.2	Suicide	21.6	Hypertensive diseases	19.3
9			Accidents	39.5	Gastroenteritis	21.2	Suicide	14.7
10			Nephritis	32.4	Diseases of infancy	18.5	Gastroenteritis	12.9

Ranking	1970		1975		1980		1985	
	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate
1	Cerebrovascular diseases	175.8	Cerebrovascular diseases	156.7	Cerebrovascular diseases	139.5	Malignant neoplasms	156.1
2	Malignant neoplasms	116.3	Malignant neoplasms	122.6	Malignant neoplasms	139.1	Heart diseases	117.3
3	Heart diseases	86.7	Heart diseases	89.2	Heart diseases	106.2	Cerebrovascular diseases	112.2
4	Accidents	42.5	Pneumonia & Bronchitis	33.7	Pneumonia & Bronchitis	33.7	Pneumonia & Bronchitis	42.7
5	Senility	38.1	Accidents	30.3	Senility	27.6	Accidents	24.6
6	Pneumonia & Bronchitis	34.1	Senility	26.9	Accidents	25.1	Senility	23.1
7	Hypertensive diseases	17.7	Suicide	18.0	Suicide	17.7	Suicide	19.4
8	Tuberculosis	15.4	Hypertensive diseases	17.8	Chronic liver diseases and cirrhosis	14.2	Chronic liver diseases and cirrhosis	14.3
9	Suicide	15.3	Chronic liver diseases and cirrhosis	13.6	Hypertensive diseases	13.7	Nephritis	11.2
10	Chronic liver diseases and cirrhosis	12.5	Tuberculosis	9.5	Nephritis	8.8	Hypertensive diseases	10.6

Ranking	1990		1995		2000		2004	
	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate	Cause of death	Rate
1	Malignant neoplasms	177.2	Malignant neoplasms	211.6	Malignant neoplasms	235.2	Malignant neoplasms	253.9
2	Heart diseases	134.8	Cerebrovascular diseases	117.9	Heart diseases	116.8	Heart diseases	126.5
3	Cerebrovascular diseases	99.4	Heart diseases	112.0	Cerebrovascular diseases	105.5	Cerebrovascular diseases	102.3
4	Pneumonia & Bronchitis	60.7	Pneumonia	64.1	Pneumonia	69.2	Pneumonia	75.7
5	Accidents	26.2	Accidents	36.5	Accidents	31.4	Accidents	30.3
6	Senility	19.7	Senility	17.3	Suicide	24.1	Suicide	24.0
7	Suicide	16.4	Suicide	17.2	Senility	16.9	Senility	19.1
8	Nephritis	14.0	Diseases of liver	13.7	Renal failure	13.7	Renal failure	15.2
9	Chronic liver diseases and cirrhosis	13.7	Renal failure	13.0	Diseases of liver	12.8	Diseases of liver	12.6
10	Diabetes mellitus	7.7	Diabetes mellitus	11.4	Chronic obstructive pulmonary dis.	10.2	Chronic obstructive pulmonary dis.	10.7

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*.

Table 5.16 Ranking of Selected Causes by Age-Specific Mortality Rates: 2004

(1) Total (Death rate per 100,000 population)

Age group	1		2		3		4		5	
	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate
Total	Malignant neoplasms	253.9	Heart diseases ²⁾	126.5	Cerebrovascular diseases	102.3	Pneumonia	75.7	Accidents	30.3
0	Congenital¹⁾	106.7	Resp. and card ³⁾	37.9	Sudden infant death syndrome	19.3	Haemorrhagic ⁴⁾	15.7	Accidents	13.4
1- 4	Accidents	6.1	Congenital ¹⁾	4.3	Malignant neoplasms	2.4	Pneumonia	1.6	Heart diseases ²⁾	1.5
5- 9	Accidents	3.5	Malignant neoplasms	1.8	Benign neoplasms, etc.	0.7	Congenital ¹⁾	0.4	Heart diseases ²⁾	0.4
10-14	Accidents	2.5	Malignant neoplasms	2.0	Suicide	0.8	Heart diseases ²⁾	0.7	Congenital ¹⁾	0.5
15-19	Accidents	10.6	Suicide	7.5	Malignant neoplasms	3.2	Heart diseases ²⁾	1.6	Congenital ¹⁾	0.6
20-24	Suicide	17.5	Accidents	11.7	Malignant neoplasms	3.3	Heart diseases ²⁾	2.7	Cerebrovascular diseases	0.7
25-29	Suicide	20.0	Accidents	9.3	Malignant neoplasms	5.7	Heart diseases ²⁾	3.6	Cerebrovascular diseases	1.1
30-34	Suicide	21.3	Malignant neoplasms	10.1	Accidents	9.3	Heart diseases ²⁾	6.4	Cerebrovascular diseases	2.5
35-39	Suicide	23.3	Malignant neoplasms	21.0	Accidents	9.9	Heart diseases ²⁾	9.6	Cerebrovascular diseases	5.4
40-44	Malignant neoplasms	36.5	Suicide	28.4	Heart diseases ²⁾	15.3	Cerebrovascular diseases	10.7	Accidents	10.5
45-49	Malignant neoplasms	73.9	Suicide	32.4	Heart diseases ²⁾	25.1	Cerebrovascular diseases	19.3	Accidents	13.7
50-54	Malignant neoplasms	145.4	Heart diseases ²⁾	39.2	Suicide	36.8	Cerebrovascular diseases	30.3	Accidents	18.0
55-59	Malignant neoplasms	223.5	Heart diseases ²⁾	56.0	Cerebrovascular diseases	43.5	Suicide	40.7	Accidents	23.0
60-64	Malignant neoplasms	342.0	Heart diseases ²⁾	88.8	Cerebrovascular diseases	63.0	Suicide	34.0	Accidents	29.1
65-69	Malignant neoplasms	526.8	Heart diseases ²⁾	142.2	Cerebrovascular diseases	107.8	Pneumonia	43.0	Accidents	40.0
70-74	Malignant neoplasms	794.7	Heart diseases ²⁾	242.4	Cerebrovascular diseases	193.9	Pneumonia	102.5	Accidents	61.9
75-79	Malignant neoplasms	1099.6	Heart diseases ²⁾	438.8	Cerebrovascular diseases	371.2	Pneumonia	253.4	Accidents	98.4
80-84	Malignant neoplasms	1395.7	Heart diseases ²⁾	838.7	Cerebrovascular diseases	717.3	Pneumonia	570.1	Accidents	154.3
85-89	Malignant neoplasms	1852.4	Heart diseases ²⁾	1679.2	Cerebrovascular diseases	1446.6	Pneumonia	1280.2	Senility	291.4
90 and over	Heart diseases ²⁾	3298.1	Pneumonia	2822.6	Cerebrovascular diseases	2593.4	Malignant neoplasms	2086.6	Senility	1583.4

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare *Vital Statistics of Japan*.

- 1) Congenital malformations, deformations and chromosomal abnormalities.
- 2) Excluding hypertensive heart diseases.
- 3) Respiratory and cardiovascular disorders specific to the perinatal period.
- 4) Haemorrhagic and haematological disorders of fetuses and newborns.
- 5) Chronic obstructive pulmonary disease.

(2) Male (Death rate per 100,000 population)

Age group	1		2		3		4		5	
	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate
Total	Malignant neoplasms	313.5	Heart diseases ²⁾	125.8	Cerebrovascular diseases	99.9	Pneumonia	83.3	Accidents	38.4
0	Congenital¹⁾	110.6	Resp. and card ³⁾	39.2	Sudden infant death syndrome	21.2	Haemorrhagic ⁴⁾	17.4	Accidents	14.9
1- 4	Accidents	7.6	Congenital ¹⁾	4.3	Malignant neoplasms	2.3	Pneumonia	1.9	Heart diseases ²⁾	1.4
5- 9	Accidents	4.9	Malignant neoplasms	1.8	Benign neoplasms, etc.	0.8	Heart diseases ²⁾	0.6	Pneumonia	0.6
10-14	Accidents	3.2	Malignant neoplasms	2.6	Suicide	0.9	Heart diseases ²⁾	0.7	Congenital ¹⁾	0.6
15-19	Accidents	15.7	Suicide	9.1	Malignant neoplasms	3.6	Heart diseases ²⁾	2.2	Congenital ¹⁾	0.7
20-24	Suicide	23.8	Accidents	17.6	Heart diseases ²⁾	3.9	Malignant neoplasms	3.6	Cerebrovascular diseases	0.8
25-29	Suicide	27.2	Accidents	14.6	Malignant neoplasms	5.6	Heart diseases ²⁾	5.6	Cerebrovascular diseases	1.2
30-34	Suicide	30.5	Accidents	14.9	Heart diseases ²⁾	9.8	Malignant neoplasms	9.0	Cerebrovascular diseases	3.5
35-39	Suicide	35.4	Malignant neoplasms	17.4	Accidents	15.1	Heart diseases ²⁾	14.6	Cerebrovascular diseases	7.4
40-44	Suicide	44.2	Malignant neoplasms	32.8	Heart diseases ²⁾	23.6	Accidents	16.9	Cerebrovascular diseases	14.5
45-49	Malignant neoplasms	74.8	Suicide	53.1	Heart diseases ²⁾	39.3	Cerebrovascular diseases	26.1	Accidents	21.0
50-54	Malignant neoplasms	164.0	Heart diseases ²⁾	62.2	Suicide	59.6	Cerebrovascular diseases	40.5	Accidents	28.6
55-59	Malignant neoplasms	279.7	Heart diseases ²⁾	87.7	Suicide	64.6	Cerebrovascular diseases	59.1	Accidents	35.5
60-64	Malignant neoplasms	470.9	Heart diseases ²⁾	137.2	Cerebrovascular diseases	88.7	Suicide	52.1	Accidents	44.8
65-69	Malignant neoplasms	760.9	Heart diseases ²⁾	212.7	Cerebrovascular diseases	150.7	Pneumonia	65.6	Accidents	59.1
70-74	Malignant neoplasms	1196.1	Heart diseases ²⁾	341.5	Cerebrovascular diseases	269.5	Pneumonia	164.5	Accidents	90.0
75-79	Malignant neoplasms	1695.0	Heart diseases ²⁾	576.9	Cerebrovascular diseases	510.0	Pneumonia	410.7	Accidents	140.4
80-84	Malignant neoplasms	2222.5	Cerebrovascular diseases	1041.6	Pneumonia	943.0	Cerebrovascular diseases	925.3	COPD ⁵⁾	227.8
85-89	Malignant neoplasms	2905.0	Pneumonia	2084.9	Heart diseases ²⁾	1930.9	Cerebrovascular diseases	1775.4	COPD ⁵⁾	390.3
90 and over	Pneumonia	4416.7	Heart diseases ²⁾	3576.0	Malignant neoplasms	3309.8	Cerebrovascular diseases	2878.5	Senility	1392.3

Table 5.16 Ranking of Selected Causes by Age-Specific Mortality Rates: 2004 (countinue)

(3) Female

(Death rate per 100,000 population)

Age group	1		2		3		4		5	
	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate	Cause of death	Death rate
Total	Malignant neoplasms	197.1	Heart diseases ²⁾	127.2	Cerebrovascular diseases	104.5	Pneumonia	68.5	Senility	27.8
0	Congenital¹⁾	102.6	Resp. and card ³⁾	36.6	Sudden infant death syndrome	17.2	Haemorrhagic ⁴⁾	13.9	Heart diseases ²⁾	12.0
1- 4	Accidents	4.4	Congenital ¹⁾	4.3	Malignant neoplasms	2.4	Heart diseases ²⁾	1.5	Pneumonia	1.3
5- 9	Accidents	2.1	Malignant neoplasms	1.7	Benign neoplasms, etc.	0.6	Homicide	0.5	Congenital ¹⁾	0.4
10-14	Accidents	1.7	Malignant neoplasms	1.5	Suicide	0.8	Heart diseases ²⁾	0.6	Congenital ¹⁾	0.5
15-19	Suicide	5.7	Accidents	5.2	Malignant neoplasms	2.7	Heart diseases ²⁾	1.0	Congenital ¹⁾	0.5
20-24	Suicide	10.7	Accidents	5.4	Malignant neoplasms	3.0	Heart diseases ²⁾	1.5	Cerebrovascular diseases	0.5
25-29	Suicide	12.5	Malignant neoplasms	5.7	Accidents	3.9	Heart diseases ²⁾	1.5	Cerebrovascular diseases	1.0
30-34	Suicide	11.9	Malignant neoplasms	11.2	Accidents	3.6	Heart diseases ²⁾	2.9	Cerebrovascular diseases	1.5
35-39	Malignant neoplasms	24.7	Suicide	10.9	Accidents	4.6	Heart diseases ²⁾	4.5	Cerebrovascular diseases	3.3
40-44	Malignant neoplasms	40.3	Suicide	12.3	Heart diseases ²⁾	6.8	Cerebrovascular diseases	6.7	Accidents	4.1
45-49	Malignant neoplasms	73.1	Cerebrovascular diseases	12.6	Suicide	11.6	Heart diseases ²⁾	10.8	Accidents	6.4
50-54	Malignant neoplasms	126.9	Cerebrovascular diseases	20.2	Heart diseases ²⁾	16.3	Suicide	14.2	Accidents	7.5
55-59	Malignant neoplasms	168.5	Cerebrovascular diseases	28.2	Heart diseases ²⁾	25.1	Suicide	17.3	Accidents	10.8
60-64	Malignant neoplasms	220.7	Heart diseases ²⁾	43.2	Cerebrovascular diseases	38.8	Suicide	17.0	Accidents	14.2
65-69	Malignant neoplasms	315.4	Heart diseases ²⁾	78.5	Cerebrovascular diseases	69.0	Accidents	22.8	Pneumonia	22.5
70-74	Malignant neoplasms	457.7	Heart diseases ²⁾	159.1	Cerebrovascular diseases	130.4	Pneumonia	50.4	Accidents	38.3
75-79	Malignant neoplasms	659.1	Heart diseases ²⁾	336.7	Cerebrovascular diseases	268.5	Pneumonia	137.0	Accidents	67.3
80-84	Malignant neoplasms	951.7	Heart diseases ²⁾	729.5	Cerebrovascular diseases	605.4	Pneumonia	369.9	Accidents	117.5
85-89	Heart diseases ²⁾	1566.9	Malignant neoplasms	1387.3	Cerebrovascular diseases	1300.6	Pneumonia	924.7	Senility	289.7
90 and over	Heart diseases ²⁾	3204.8	Cerebrovascular diseases	2498.7	Pneumonia	2308.3	Malignant neoplasms	1692.1	Senility	1642.6

Table 5.17 Deaths and Death Rates from Malignant Neoplasms by Sex and Location: 1955-2004

Site	1955	1965	1975	1985	1995	2000	2004
Number of Death							
Male							
Stomach	22,899	28,636	30,403	30,146	32,015	32,798	32,851
Lung	1,893	5,404	10,711	20,837	33,389	39,053	43,921
Liver	4,877	5,006	6,677	13,780	22,773	23,602	23,421
Colon and recto-sigmoid junction and rectum	2,079	3,265	5,799	10,112	17,312	19,868	21,835
Female							
Stomach	14,407	17,749	19,454	18,756	18,061	17,852	17,711
Lung	818	2,321	4,048	7,753	12,356	14,671	16,001
Liver	3,700	3,499	3,696	5,192	8,934	10,379	11,089
Breast	1,572	1,966	3,262	4,922	7,763	9,171	10,524
Uterus ¹⁾	7,289	6,689	6,075	4,912	4,865	5,202	5,525
Colon and recto-sigmoid junction and rectum	2,160	3,335	5,654	8,926	13,962	16,080	18,207
Death rate (per 100,000 population)							
Male							
Stomach	52.2	59.4	55.6	51.1	52.6	53.3	53.3
Lung	4.3	11.2	19.6	35.3	54.8	63.5	71.3
Liver	11.1	10.4	12.2	23.3	37.4	38.4	38.0
Colon and recto-sigmoid junction and rectum	4.7	6.8	10.6	17.1	28.4	32.3	35.4
Female							
Stomach	31.7	35.5	34.4	30.6	28.5	27.8	27.4
Lung	1.8	4.6	7.2	12.7	19.5	22.9	24.8
Liver	8.1	7.0	6.5	8.5	14.1	16.2	17.2
Breast	3.5	3.9	5.8	8.0	12.2	14.3	16.3
Uterus ^{1) 2)}	16.0	13.4	10.7	8.0	7.9	8.1	8.6
Colon and recto-sigmoid junction and rectum	4.8	6.7	10.0	14.6	22.0	25.1	28.2

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*.

1) The data prior to 1995 include placenta

2) The rate to 100,000 females.

Table 5.18 Potential Years of Life Lost by Cause of Death: 1965-2004

(Year)

Cause of death	Age	Male						Female					
		1965	1975	1985	1995	2000	2004	1965	1975	1985	1995	2000	2004
Malignant neoplasms	0	2.02	2.59	3.29	3.84	4.08	4.15	1.98	2.23	2.44	2.76	3.03	3.11
	40	...	...	3.20	3.78	4.04	4.12	...	...	2.28	2.63	2.90	2.99
	65	1.07	1.53	2.10	2.69	3.05	3.18	0.84	1.10	1.39	1.72	1.98	2.08
Heart diseases	0	1.15	1.59	2.00	1.49	1.52	1.57	1.24	1.72	2.04	1.56	1.68	1.72
	40	...	...	1.92	1.43	1.45	1.50	...	...	2.00	1.54	1.66	1.69
	65	0.87	1.28	1.63	1.17	1.17	1.21	0.93	1.54	1.88	1.45	1.60	1.62
Cerebrovascular diseases	0	3.03	3.00	1.73	1.42	1.25	1.16	2.92	3.17	1.99	1.73	1.53	1.36
	40	...	...	1.74	1.42	1.25	1.15	...	...	2.00	1.73	1.53	1.36
	65	2.53	2.67	1.50	1.24	1.08	0.99	2.52	2.96	1.83	1.62	1.43	1.26
Pneumonia	0	0.70	0.62	0.70	0.79	0.87	0.92	0.71	0.61	0.59	0.78	0.85	0.84
	40	...	...	0.68	0.78	0.87	0.92	...	...	0.55	0.76	0.84	0.83
	65	0.37	0.51	0.72	0.81	0.91	0.97	0.35	0.47	0.56	0.77	0.85	0.85
Accidents	0	1.47	1.11	0.87	0.92	0.76	0.66	0.49	0.40	0.33	0.54	0.40	0.37
	40	...	...	0.38	0.48	0.44	0.41	...	...	0.18	0.35	0.29	0.27
	65	0.14	0.15	0.16	0.26	0.26	0.25	0.10	0.12	0.11	0.24	0.23	0.21
Traffic accidents	0	...	0.50	0.42	0.41	0.34	0.27	...	0.16	0.14	0.16	0.13	0.11
	40	...	...	0.14	0.16	0.14	0.11	...	...	0.07	0.09	0.08	0.06
	65	...	0.05	0.05	0.06	0.06	0.05	...	0.03	0.03	0.05	0.04	0.04
Suicide	0	0.33	0.47	0.56	0.48	0.72	0.76	0.27	0.35	0.30	0.25	0.32	0.32
	40	...	...	0.33	0.28	0.44	0.46	...	...	0.20	0.16	0.19	0.18
	65	0.06	0.07	0.08	0.06	0.09	0.09	0.06	0.09	0.08	0.06	0.07	0.06
Renal failure	0	...	...	0.17	0.14	0.14	0.14	...	...	0.18	0.16	0.18	0.18
	40	...	...	0.16	0.14	0.14	0.14	...	...	0.17	0.16	0.18	0.18
	65	...	...	0.14	0.13	0.13	0.14	...	...	0.15	0.16	0.18	0.18
Diseases of liver	0	...	0.37	0.35	0.28	0.26	0.24	...	0.15	0.15	0.13	0.12	0.12
	40	...	...	0.34	0.27	0.25	0.24	...	...	0.15	0.13	0.12	0.11
	65	...	0.12	0.12	0.10	0.10	0.10	...	0.08	0.09	0.09	0.08	0.08
Diabetes mellitus	0	...	...	...	0.15	0.13	0.13	...	...	...	0.15	0.12	0.11
	40	...	...	...	0.14	0.13	0.12	...	...	...	0.15	0.12	0.11
	65	...	...	...	0.10	0.09	0.09	...	...	...	0.13	0.11	0.10
Hypertensive diseases	0	0.23	0.23	0.11	0.05	0.04	0.03	0.29	0.34	0.18	0.10	0.07	0.06
	40	...	...	0.11	0.05	0.04	0.03	...	...	0.18	0.10	0.07	0.06
	65	0.22	0.23	0.11	0.05	0.03	0.03	0.27	0.35	0.19	0.10	0.08	0.06
Tuberculosis	0	0.52	0.22	0.09	0.05	0.04	0.03	0.33	0.11	0.04	0.02	0.02	0.01
	40	...	...	...	0.05	0.04	0.03	...	...	...	0.02	0.02	0.01
	65	0.20	0.13	0.06	0.03	0.03	0.02	0.09	0.05	0.02	0.02	0.01	0.01

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Abridged Life Table*.

Table 5.19 Mortality Probabilities by Cause of Death: 1965-2004

(%)

Cause of death	Age	Male						Female					
		1965	1975	1985	1995	2000	2004	1965	1975	1985	1995	2000	2004
Malignant neoplasms	0	15.0	18.56	24.02	28.36	30.02	30.46	12.4	13.86	16.38	18.76	20.28	20.94
	40	...	...	24.44	28.86	30.53	30.94	...	...	16.30	18.76	20.27	20.96
	65	13.0	16.54	22.05	26.90	29.17	29.80	9.2	10.96	13.91	16.61	18.22	18.98
Heart diseases	0	11.4	14.94	19.31	14.61	14.43	14.53	12.3	16.86	22.10	17.63	18.60	18.88
	40	...	...	19.68	14.81	14.59	14.66	...	...	22.41	17.84	18.79	19.04
	65	12.7	16.25	20.67	15.24	14.87	14.83	12.9	17.96	23.28	18.47	19.46	19.67
Cerebrovascular diseases	0	27.4	26.55	17.61	15.29	13.13	11.90	27.0	28.28	21.57	19.66	16.92	15.13
	40	...	...	18.10	15.65	13.39	12.10	...	...	21.94	19.94	17.12	15.30
	65	30.5	29.43	19.17	16.55	14.02	12.57	29.0	30.19	22.63	20.58	17.59	15.67
Pneumonia	0	5.3	6.35	9.03	10.72	11.68	12.08	5.4	6.00	7.82	10.92	11.48	11.46
	40	...	...	9.27	10.97	11.93	12.32	...	...	7.92	11.06	11.61	11.58
	65	6.2	7.39	10.58	12.37	13.37	13.73	5.6	6.41	8.43	11.71	12.23	12.18
Accidents	0	5.1	4.03	3.47	4.56	4.12	3.78	2.1	1.94	1.85	3.30	2.87	2.74
	40	...	...	2.66	3.87	3.62	3.38	...	...	1.64	3.06	2.74	2.60
	65	1.9	1.92	1.98	3.31	3.23	3.06	1.4	1.50	1.51	2.85	2.65	2.54
Traffic accidents	0	...	1.65	1.36	1.46	1.21	0.98	...	0.61	0.54	0.65	0.55	0.45
	40	...	...	0.87	1.01	0.85	0.70	...	...	0.43	0.54	0.46	0.37
	65	...	0.61	0.57	0.71	0.59	0.51	...	0.36	0.32	0.43	0.37	0.32
Suicide	0	1.5	1.90	2.24	1.84	2.64	2.64	1.3	1.54	1.37	1.05	1.18	1.08
	40	...	...	1.80	1.46	2.10	2.06	...	...	1.18	0.89	0.96	0.83
	65	0.8	0.88	0.91	0.71	0.89	0.84	0.8	0.96	0.83	0.60	0.62	0.50
Renal failure	0	...	...	1.80	1.79	1.83	1.89	...	...	1.92	2.17	2.37	2.41
	40	...	...	1.83	1.83	1.87	1.93	...	...	1.93	2.20	2.40	2.44
	65	...	...	1.95	1.99	2.04	2.09	...	...	1.96	2.30	2.50	2.54
Diseases of liver	0	...	2.27	2.12	1.69	1.51	1.41	...	1.06	1.08	1.01	0.88	0.83
	40	...	...	2.14	1.70	1.51	1.42	...	...	1.09	1.02	0.88	0.83
	65	...	1.47	1.33	1.08	0.98	0.96	...	0.88	0.92	0.91	0.80	0.75
Diabetes mellitus	0	...	...	...	1.31	1.09	1.05	...	...	...	1.47	1.16	1.11
	40	...	...	...	1.33	1.10	1.07	...	...	...	1.48	1.17	1.12
	65	...	...	...	1.24	1.03	1.00	...	...	...	1.47	1.17	1.12
Hypertensive diseases	0	2.8	2.92	1.63	0.74	0.54	0.46	3.5	4.23	2.88	1.57	1.18	0.98
	40	...	...	1.68	0.76	0.55	0.47	...	...	2.93	1.60	1.19	0.99
	65	3.4	3.49	1.92	0.83	0.60	0.50	4.0	4.74	3.14	1.70	1.26	1.04
Tuberculosis	0	3.5	1.84	0.80	0.44	0.36	0.29	1.7	0.76	0.28	0.18	0.17	0.15
	40	...	...	...	0.45	0.36	0.30	...	...	...	0.18	0.17	0.15
	65	2.6	1.70	0.79	0.44	0.37	0.31	1.0	0.62	0.25	0.18	0.18	0.16

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Abridged Life Table*

Table 5.20 Maternal Mortality Rate by Age (5-Year Age Groups): 1950-2004

(per 100,000 births)

Year	Total	15-19	20-24	25-29	30-34	35-39	40-44	45 and over
1950	176.1	214.6	110.9	125.7	181.1	319.2	553.8	1,348.0
1955	178.8	166.5	123.9	124.0	215.5	403.9	698.8	1,406.8
1960	130.6	141.9	87.9	95.4	171.6	430.2	724.5	1,061.6
1965	87.6	135.4	53.1	62.6	122.2	346.9	773.3	833.3
1970	52.1	59.5	29.0	37.0	76.4	207.2	476.6	1,277.2
1975	28.7	56.3	14.6	19.3	43.4	137.2	458.3	1,880.9
1980	20.5	41.1	9.8	10.5	29.8	99.8	289.4	3,100.8
1985	15.8	11.2	6.9	9.1	17.8	56.7	267.5	816.3
1990	8.6	5.7	4.2	6.4	7.0	24.9	87.4	892.8
1991	9.0	5.4	4.0	5.7	9.2	24.0	118.9	-
1992	9.2	-	6.9	6.5	8.7	19.5	112.2	-
1993	7.7	5.7	5.1	5.1	7.6	18.4	65.7	574.7
1994	6.1	-	3.9	2.5	6.6	21.9	64.1	-
1995	7.2	6.2	5.2	5.7	7.3	13.0	46.6 ¹⁾	-
1996	6.0	-	1.6	5.2	5.6	16.1	38.7 ¹⁾	-
1997	6.5	-	2.2	3.8	8.8	11.1	75.5 ¹⁾	-
1998	7.1	-	4.5	5.3	8.0	16.7	7.3 ¹⁾	-
1999	6.1	5.5	2.4	3.4	6.5	13.7	71.1 ¹⁾	-
2000	6.6	15.2	2.5	2.8	9.1	10.3	60.6 ¹⁾	-
2001	6.5	9.5	3.8	3.3	4.3	19.6	73.1 ¹⁾	-
2002	7.3	4.7	2.0	4.9	8.9	14.5	24.1 ¹⁾	-
2003	6.1	-	3.5	2.0	7.8	14.3	22.3 ¹⁾	-
2004	4.4	-	0.7	1.6	4.8	10.7	26.6	207.0

Source: Statistics and Information Department, Ministry of Health, Labour and Welfare, *Vital Statistics of Japan*.

1) Aged 40 and over.