# Abridged Life Tables for Japan 2019

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Table A. Abridged Life Tables for Japan, 2019

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# I. Life expectancies at specified ages

In the abridged life tables 2019, life expectancy at birth was 81.41 years for males, increasing by 0.16 from 81.25 in 2018, and 87.45 for females, increasing by 0.13 from 87.32.

The difference in life expectancy at birth between males and females was 6.03 years, decreased by 0.03 years from 2018 to 2019.

Life expectancies at specified ages increased for both males and females from 2018 to 2019.

(years)

Table 1. Life expectancies at specified ages

Table 2. Trend of life expectancies at birth

(years)

A ma		Male			Female	(y cars)
Age	2019	2018	Difference	2019	2018	Difference
0	81.41	81.25	0.16	87.45	87.32	0.13
5	76.63	76.47	0.16	82.66	82.53	0.13
10	71.66	71.49	0.16	77.69	77.56	0.13
15	66.69	66.53	0.16	72.72	72.58	0.13
20	61.77	61.61	0.16	67.77	67.63	0.13
25	56.91	56.74	0.17	62.84	62.70	0.14
30	52.03	51.88	0.15	57.91	57.77	0.14
35	47.18	47.03	0.15	53.00	52.86	0.14
40	42.35	42.20	0.15	48.11	47.97	0.14
45	37.57	37.42	0.15	43.26	43.13	0.14
50	32.89	32.74	0.14	38.49	38.36	0.13
55	28.34	28.21	0.14	33.79	33.66	0.13
60	23.97	23.84	0.14	29.17	29.04	0.13
65	19.83	19.70	0.13	24.63	24.50	0.12
70	15.96	15.84	0.12	20.21	20.10	0.11
75	12.41	12.29	0.12	15.97	15.86	0.11
80	9.18	9.06	0.12	12.01	11.91	0.09
85	6.46	6.35	0.11	8.51	8.44	0.07
90	4.41	4.33	0.08	5.71	5.66	0.05

			(y cars)
Year	M ale	Female	Difference
1947	50.06	53.96	3.90
1950-1952	59.57	62.97	3.40
1955	63.60	67.75	4.15
1960	65.32	70.19	4.87
1965	67.74	72.92	5.18
1970	69.31	74.66	5.35
1975	71.73	76.89	5.16
1980	73.35	78.76	5.41
1985	74.78	80.48	5.70
1990	75.92	81.90	5.98
1995	76.38	82.85	6.47
2000	77.72	84.60	6.88
2005	78.56	85.52	6.96
2010	79.55	86.30	6.75
2015	80.75	86.99	6.24
2016	80.98	87.14	6.16
2017	81.09	87.26	6.17
2018	81.25	87.32	6.06
2019	81.41	87.45	6.03

Notes: 1. Data of 1947-2015 were based on complete life tables.

 $<sup>2.\</sup> Before\ 1970,$  data of Okinawa prefecture were not included.

## **I**. Survivorship in the life tables

In the abridged life tables 2019, the number of survivors at age 65 was 89,637 for males per 100,000 hypothetical cohort and 94,509 for females. This means that the survival rate at age 65 was 89.6% for males and 94.5% for females. In the same way, it followed that the survival rate at age 75 was 75.8% for males and 88.2% for females, and the survival rate at age 90 was 27.2% for males and 51.1% for females.

The median length of life, which means the age when exactly half of the cohort remains alive, was 84.36 years for males and 90.24 years for females, which was 2.95 years longer than the life expectancy for males and 2.79 years for females.

Table 3. Trend of survival rate at specified ages

(%)

Year	M ale					Female				
Tear	Age 40	65	75	90	95	Age 40	65	75	90	95
1947	68.0	39.8	18.5	0.9	0.1	70.9	49.1	29.0	2.0	0.2
1950-1952	81.8	55.1	29.4	2.0	0.3	83.2	62.8	40.5	4.0	0.6
1955	87.0	61.8	34.6	2.7	0.5	89.0	70.6	47.6	6.2	1.3
1960	89.7	64.8	36.1	2.3	0.4	92.2	75.2	51.5	6.0	1.2
1965	92.6	69.1	39.9	2.3	0.3	95.0	80.0	57.1	6.5	1.2
1970	93.7	72.1	43.5	3.5	0.6	96.1	82.6	61.2	8.6	1.9
1975	95.1	76.8	51.0	5.4	1.1	96.9	86.1	67.8	12.0	2.9
1980	96.1	79.4	55.7	7.1	1.5	97.6	88.5	72.7	16.0	4.2
1985	96.7	81.1	60.2	9.4	2.2	98.0	90.1	76.9	21.2	6.4
1990	97.1	82.6	63.0	11.6	3.0	98.3	91.3	79.8	26.3	9.0
1995	97.2	83.3	63.8	12.8	3.4	98.4	91.6	81.2	30.9	11.9
2000	97.5	84.7	66.7	17.3	5.7	98.6	92.6	83.7	38.8	17.7
2005	97.7	85.7	69.3	19.3	6.5	98.7	93.1	85.1	42.7	20.8
2010	97.9	87.0	72.2	21.5	7.3	98.8	93.6	86.5	46.2	22.8
2015	98.2	88.8	74.6	24.9	8.6	99.0	94.2	87.7	49.1	24.5
2016	98.3	89.1	75.1	25.6	9.1	99.0	94.3	87.8	49.9	25.2
2017	98.3	89.4	75.3	25.8	9.1	99.0	94.5	88.1	50.2	25.5
2018	98.4	89.5	75.6	26.5	9.6	99.0	94.5	88.1	50.5	26.0
2019	98.4	89.6	75.8	27.2	10.1	99.0	94.5	88.2	51.1	26.7

Notes: 1. Data of 1947-2015 were based on complete life tables.

Table 4. Trend of the median length of life and life expectancy at birth

(years)

						(y cars)
		Male	·		Female	
Year	median length	life expectancy	difference	median length	life expectancy	difference
	of life	at birth	difference	of life	at birth	difference
1947	59.28	50.06	9.22	64.45	53.96	10.49
1950-1952	67.22	59.57	7.65	71.31	62.97	8.34
1955	69.79	63.60	6.19	74.19	67.75	6.44
1960	70.66	65.32	5.34	75.44	70.19	5.25
1965	72.00	67.74	4.26	77.04	72.92	4.12
1970	73.10	69.31	3.79	78.19	74.66	3.53
1975	75.31	71.73	3.58	80.17	76.89	3.28
1980	76.69	73.35	3.34	81.75	78.76	2.99
1985	78.06	74.78	3.28	83.38	80.48	2.90
1990	79.13	75.92	3.21	84.71	81.90	2.81
1995	79.49	76.38	3.11	85.73	82.85	2.88
2000	80.74	77.72	3.02	87.41	84.60	2.81
2005	81.56	78.56	3.00	88.34	85.52	2.82
2010	82.60	79.55	3.05	89.17	86.30	2.87
2015	83.76	80.75	3.01	89.79	86.99	2.80
2016	83.98	80.98	3.00	89.97	87.14	2.83
2017	84.08	81.09	2.99	90.03	87.26	2.77
2018	84.23	81.25	2.98	90.11	87.32	2.79
2019	84.36	81.41	2.95	90.24	87.45	2.79

Notes: 1. Data of 1947-2015 were based on complete life tables.

<sup>2.</sup> Before 1970, data of Okinawa prefecture were not included.

 $<sup>2.\</sup> Before\ 1970,$  data of Okinawa prefecture were not included.

# **Ⅲ.** Life expectancies at birth in some countries

In general, it is rather difficult to compare life expectancies accurately among different countries. One of the reasons is the periods based on are not always accordant with each other.

Next table provides the life expectancies at birth in some countries as far as we have obtained.

Table 5. Life expectancies at birth in some countries

(Life expectancy: years, Population: 10 thousands)

Period   Male   Female   Population
AFRICA    Africa   2017   76.9   78.2   4 1
AFRICA    Egypt   2019*   72.7   75.1   9.7
South Africa   2014   59.1   63.1   5.7
Tunisia 2017* 74.5 78.1 1 15  Canada 2016 - 2018* 79.9 84.1 3.76  Costa Rica 2018 77.78 82.88 55  Cuba 2011 - 2013 76.50 80.45 1 15  Mexico 2018 72.2 77.9 12.55  United States 2017* 76.1 81.1 32.77  Argentina 2015 73.72 80.33 4.4  Brazil 2018* 72.8 79.9 20.8  SOUTH AMERICA 6hile 2018 - 2019 77.66 83.23 1.8  Colombia 2015 - 2020 73.08 79.39 4.9  Peru 2010 - 2015 71.54 76.84 3.2  Bangladesh 2017 70.6 73.5 16.4  China 2015* 73.64 79.43 139.25  Cyprus 2017 80.0 84.1 1  India 2013 - 2017* 67.8 70.4 129.84  Iran 2016 72.5 75.5 8.24  ASIA Israel 2013 - 2017 80.41 84.17 88.  Malaysia 2019* 72.2 77.3 3.2  Pakistan 2007 63.55 67.62 19.1  Qatar 2017 78.98 82.52  Republic of Korea 2018* 79.7 85.7 5.1  Singapore 2019* 81.4 85.7 5.1  Singapore 2019* 81.4 85.7 5.1  Singapore 2019* 81.4 85.7 5.5  Thailand 2018* 72.2 78.9 6.5
Canada   2016 - 2018*   79.9   84.1   3.77
NORTH AMERICA
NORTH AMERICA
Mexico   2018   72.2   77.9   12.5
United States
Argentina 2015 73.72 80.33 4 4 4 8 8 5 7 8 8 8 8 2 5 2 8 8 8 8 8 8 8 8 8 8 8 8 8
Brazil   2018*   72.8   79.9   20.8
SOUTH AMERICA  Chile  2018 - 2019  77. 66  83. 23  1 8!  Colombia  2015 - 2020  73. 08  79. 39  4 9!  Peru  2010 - 2015  71. 54  76. 84  3 2  Bangladesh  2017  70. 6  73. 5  16 4!  China  2015*  73. 64  79. 43  139 2  Cyprus  2017  80. 0  84. 1  India  2013 - 2017*  67. 8  70. 4  129 8!  Iran  2016  72. 5  75. 5  8 20  Malaysia  2019*  72. 2  77. 3  3 2:  Pakistan  2007  63. 55  67. 62  19 11  Qatar  2017  Republic of Korea  2018*  79. 7  81. 4  85. 7  516  Singapore  2019*  81. 4  85. 7  56
Colombia 2015 - 2020 73.08 79.39 4 99 Peru 2010 - 2015 71.54 76.84 3 2 Bangladesh 2017 70.6 73.5 16 44 China 2015* 73.64 79.43 139 2 Cyprus 2017 80.0 84.1 India 2013 - 2017* 67.8 70.4 129 80 Iran 2016 72.5 75.5 8 20 Israel 2013 - 2017 80.41 84.17 83 Malaysia 2019* 72.2 77.3 3 22 Pakistan 2007 63.55 67.62 19 17 Qatar 2017 78.98 82.52 22 Republic of Korea 2018* 79.7 85.7 5 10 Singapore 2019* 81.4 85.7 55 Thailand 2018* 72.2 78.9 6 5
Peru 2010 - 2015 71.54 76.84 3.2  Bangladesh 2017 70.6 73.5 16.44  China 2015* 73.64 79.43 139.2  Cyprus 2017 80.0 84.1  India 2013 - 2017* 67.8 70.4 129.84  Iran 2016 72.5 75.5 8.20  Israel 2013 - 2017 80.41 84.17 83  Malaysia 2019* 72.2 77.3 3.22  Pakistan 2007 63.55 67.62 19.17  Qatar 2017 78.98 82.52 22  Republic of Korea 2018* 79.7 85.7 5.10  Singapore 2019* 81.4 85.7 55  Thailand 2018* 72.2 78.9 6.55
ASIA Bangladesh 2017 70.6 73.5 16.44  China 2015* 73.64 79.43 139.2  Cyprus 2017 80.0 84.1  India 2013 - 2017* 67.8 70.4 129.84  Iran 2016 72.5 75.5 8.24  Israel 2013 - 2017 80.41 84.17 83  Malaysia 2019* 72.2 77.3 3.22  Pakistan 2007 63.55 67.62 19.17  Qatar 2017 78.98 82.52 22  Republic of Korea 2018* 79.7 85.7 5.10  Singapore 2019* 81.4 85.7 5.10  Singapore 2018* 72.2 78.9 6.5
China 2015* 73.64 79.43 139 2  Cyprus 2017 80.0 84.1  India 2013 - 2017* 67.8 70.4 129 81  Iran 2016 72.5 75.5 8 20  Israel 2013 - 2017 80.41 84.17 83  Malaysia 2019* 72.2 77.3 3 22  Pakistan 2007 63.55 67.62 19 17  Qatar 2017 78.98 82.52 22  Republic of Korea 2018* 79.7 85.7 5 10  Singapore 2019* 81.4 85.7 55  Thailand 2018* 72.2 78.9 6 5
Cyprus 2017 80.0 84.1
ASIA  India  2013 - 2017* 67.8  70.4  129.84  Iran 2016 72.5 75.5 8.24  Israel 2013 - 2017 80.41 84.17 83  Malaysia 2019* 72.2  77.3 3.22  Pakistan 2007 63.55 67.62 19.17  Qatar 2017 78.98 82.52 22  Republic of Korea 2018* 79.7  Singapore 2019* 81.4 85.7 51  Singapore 2018* 72.2 78.9 65
ASIA   Iran   2016   72.5   75.5   8.2
ASIA   Iran   2016   72.5   75.5   8.20
Malaysia         2019*         72. 2         77. 3         3 2           Pakistan         2007         63. 55         67. 62         19 1           Qatar         2017         78. 98         82. 52         2           Republic of Korea         2018*         79. 7         85. 7         5 10           Singapore         2019*         81. 4         85. 7         50           Thailand         2018*         72. 2         78. 9         6 50
Pakistan         2007         63.55         67.62         19.1           Qatar         2017         78.98         82.52         2           Republic of Korea         2018*         79.7         85.7         5.1           Singapore         2019*         81.4         85.7         50           Thailand         2018*         72.2         78.9         6.50
Qatar         2017         78.98         82.52         2           Republic of Korea         2018*         79.7         85.7         5.10           Singapore         2019*         81.4         85.7         50           Thailand         2018*         72.2         78.9         6.50
Republic of Korea     2018*     79. 7     85. 7     5 10       Singapore     2019*     81. 4     85. 7     50       Thailand     2018*     72. 2     78. 9     6 5
Singapore         2019*         81.4         85.7         50           Thailand         2018*         72.2         78.9         65
Thailand 2018* 72.2 78.9 6.5
Turkey 2015 - 2017 75. 3 80. 8 8 13
Austria 2018* 79. 29 84. 01 86
Belgium 2018* 79.2 83.7 1 14
Czech Republic 2019* 76. 3 82. 1 1 00
Denmark 2018 - 2019* 79. 3 83. 2 5
Finland 2019* 79.2 84.5 55
France 2019* 79.7 85.6 6 4
Germany 2016 - 2018* 78.48 83.27 8 2
Greece 2017 78.8 83.9 1 0
Iceland 2018* 81.0 84.1
EUROPE Italy 2018* 80.88 85.182 6 0
Netherlands 2018* 80.2 83.3 1 7
Norway 2019* 81.19 84.68 5
Poland 2018* 73.85 81.68 3.79
Russian Federation 2018* 67. 75 77. 82 14 38
Spain 2019* 80.87 86.22 4 6
Sweden 2019* 81.34 84.73 1 0
Switzerland 2018* 81. 7 85. 4 8
Ukraine 2017 67. 02 76. 78 4 23
United Kingdom 2016 - 2018* 79.25 82.93 6 6
OCEANIA Australia 2016 – 2018* 80. 7 84. 9 2 49
New Zealand 2014 - 2016* 79.91 83.40 4

Reference: \*In Hong Kong of 2019, life expectancy at birth for males was 82.34 years and that for females was 88.13 years.

(Population: 745 ten thousands)

Note: Population in this table means mid-year estimated population in 2018 (in cases of Algeria 2017, and Pakistan 2015,Russian Federation 2013).

On the other hand, population of Japan was estimated population at Oct.1, 2019.

Source: Demographic Yearbook 2018 U.N.

<sup>\*</sup>Data offered from the government concerned.

## IV. Analysis by cause of death

#### 1. Mortality probability by cause of death

Mortality probability by cause of death means the probability that a person of a given age will die from a specific cause of death in the future according to the life tables.

As for leading causes of death in 2019, the mortality probability by malignant neoplasms was the highest for both males and females at age 0, followed by heart diseases, pneumonia and cerebrovascular diseases for males, however heart diseases, cerebrovascular diseases and pneumonia for females. Comparing data between age 0 and 65, the mortality probability was lower at age 65 than at age 0 for malignant neoplasms. And for heart diseases and pneumonia it was higher at age 65. This trend was more likely observed at age 75 and 90.

The total of the mortality probabilities by malignant neoplasms, heart diseases and cerebrovascular diseases was under 50 percent at all the ages for males and females, for the first time since investigation start of 2003, it was under 50 percent at age 0 for males.

Table 6. Mortality probability by causes of death, 2019

(%)

Cause of death	Age 0		Age 65		Age 75		Age 90	
Cause of death	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms	28. 20	19. 95	27. 97	18. 26	25. 04	16. 10	15. 58	9.69
Heart diseases (excluding hypertensive heart diseases)	14. 22	16. 71	14. 29	17. 27	14. 54	17. 74	16. 19	18. 60
Cerebrovascular diseases	7.20	8.06	7.19	8.17	7.27	8.29	6.63	7.95
Pneumonia	8.43	6.68	9.18	7.00	10.14	7.31	12.64	8.10
Accidents	3.12	2.38	2.85	2.31	2.83	2.28	2.59	1.89
Traffic accidents(regrouped)	0.38	0.17	0.21	0.12	0.17	0.10	0.07	0.03
Suicide	1.71	0.73	0.53	0.27	0.37	0.18	0.16	0.04
Chronic obstructive pulmonary disease	2.16	0.43	2.37	0.44	2.53	0.44	2.40	0.36
Renal failure	2.05	1.94	2.20	2.03	2.35	2.08	2.63	2.03
Aortic aneurysm and dissection	1.25	1.28	1.20	1.30	1.15	1.26	0.95	0.88
Diseases of liver	1.35	0.76	0.97	0.67	0.74	0.59	0.37	0.30
Diabetes mellitus	0.98	0.86	0.94	0.87	0.86	0.85	0.53	0.68
Hypertensive diseases	0.59	0.90	0.59	0.94	0.60	0.98	0.76	1.15
Tuberculosis	0.19	0.14	0.20	0.14	0.22	0.15	0.28	0.14
Senility	6.35	16.44	7.08	17.40	8.28	18.59	15.61	26.11
Malignant neoplasms, heart diseases								
(excluding hypertensive heart diseases) and cerebrovascular diseases (regrouped)	49.62	44.72	49.45	43.70	46.86	42.12	38.41	36.24

#### 2. Potential years of life lost

If a certain cause of death was eliminated, a person who had died from the cause would die from another cause after he or she originally had died. As a result, life expectancy would be extended. This extended period of life time, which is called the potential years of life lost, can be regarded as one's life lost by the cause of death, and it enables us to estimate how much the cause affects life expectancy.

In 2019, the potential years of life lost by malignant neoplasms were the longest at age 0 for both males and females, followed by heart diseases, cerebrovascular diseases and pneumonia. The order of the four causes at age 65 and 75 was malignant neoplasms, heart diseases, pneumonia and cerebrovascular diseases for males, and malignant neoplasms, heart diseases, then cerebrovascular diseases and pneumonia for females. However, some causes changed ranks at age 90: malignant neoplasms and heart diseases were the longest, followed by pneumonia and cerebrovascular diseases for males, heart diseases was the longest, followed by malignant neoplasms, followed by cerebrovascular diseases and pneumonia at the same year for females.

Potential years of life lost by malignant neoplasms, heart diseases and cerebrovascular diseases was 6.65 years for males and 5.45 years for females at age 0, 5.43 years for males and 4.34 years for females at age 65, 4.07 years for males and 3.55 years for females at age 75, 1.72 years for males and 1.79 years for females at age 90.

Table 7. Potential years of life lost, 2019

(years)

Cause of death	Age 0		Age 65		Age 75		Age 90	
Cause of death	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms	3.54	2.84	2.89	1.96	1.98	1.36	0.59	0.41
Heart diseases (excluding hypertensive heart diseases)	1.41	1.28	1.10	1.20	0.91	1.13	0.59	0.78
Cerebrovascular diseases	0.72	0.67	0.55	0.58	0.46	0.52	0.23	0.31
Pneumonia	0.58	0.42	0.58	0.42	0.58	0.41	0.44	0.31
Accidents	0.41	0.26	0.22	0.18	0.17	0.15	0.09	0.07
Traffic accidents(regrouped)	0.10	0.04	0.02	0.01	0.01	0.01	0.00	0.00
Suicide	0.56	0.27	0.06	0.04	0.03	0.02	0.01	0.00
Chronic obstructive pulmonary disease	0.16	0.03	0.16	0.03	0.15	0.03	0.08	0.01
Renal failure	0.15	0.14	0.14	0.13	0.13	0.12	0.09	0.08
Aortic aneurysm and dissection	0.14	0.12	0.10	0.11	0.07	0.09	0.03	0.04
Diseases of liver	0.23	0.11	0.10	0.07	0.05	0.05	0.01	0.01
Diabetes mellitus	0.11	0.08	0.08	0.07	0.06	0.06	0.02	0.03
Hypertensive diseases	0.05	0.05	0.04	0.05	0.03	0.05	0.02	0.04
Tuberculosis	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Malignant neoplasms, heart diseases (excluding hypertensive heart diseases) and cerebrovascular diseases	6.65	5.45	5.43	4.34	4.07	3.55	1.72	1.79

Table A. Abridged Life Tables for Japan, 2019

Male

Maic						
	probability of	number of	1 01 1	stationary	population	1:0
age	dying	survivors	number of deaths	number of	total	life expectancy
	, ,		J	person-years	person-years	٥
x and a second	n q x	<i>l</i> x	ndx	nLx	$T_x$	e x
0 (W)	0.00073	100 000	73	1 917	8 141 167	81.41
1	0.00012	99 927	12	1 916	8 139 250	81.45
2	0.00006	99 915	6	1 916	8 137 334	81.44
3	0.00003	99 908	3	1 916	8 135 418	81.43
4	0.00022	99 905	22	8 986	8 133 502	81.41
2 (M)	0.00014	99 883	14	8 323	8 124 516	81.34
3	0.00033	99 869	33	24 963	8 116 193	81.27
6	0.00035	99 836	35	49 908	8 091 230	81.05
0 (Y)	0.00199	100 000	199	99 845	8 141 167	81.41
1	0.00027	99 801	27	99 787	8 041 322	80.57
2	0.00019	99 775	19	99 766	7 941 535	79.59
3	0.00014	99 756	14	99 748	7 841 769	78.61
4	0.00010	99 742	10	99 737	7 742 021	77.62
5	0.00008	99 732	8	99 728	7 642 284	76.63
6	0.00008	99 724	8	99 720	7 542 556	75.63
7	0.00008	99 716	8	99 712	7 442 836	74.64
8	0.00008	99 708	8	99 704	7 343 125	73.65
9	0.00008	99 700	7	99 697	7 243 420	72.65
3	0.0000	<i>33 /</i> 00	'	33 US/	, 243 420	72.00
10	0.00007	99 693	7	99 689	7 143 724	71.66
11	0.00008	99 685	8	99 682	7 044 035	70.66
12	0.00008	99 678	8	99 674	6 944 353	69.67
13	0.00010	99 669	10	99 665	6 844 679	68.67
14	0.00012	99 660	12	99 654	6 745 014	67.68
15	0.00015	99 648	15	99 641	6 645 360	66.69
16	0.00020	99 633	20	99 623	6 545 719	65.70
17	0.00026	99 612	26	99 600	6 446 096	64.71
18	0.00031	99 587	31	99 571	6 346 496	63.73
19	0.00037	99 555	37	99 537	6 246 925	62.75
20	0.00043	99 518	42	99 497	6 147 387	61.77
21			47			60.80
	0.00047	99 476		99 453	6 047 890	
22	0.00049	99 429	48	99 405	5 948 437	59.83
23	0.00048	99 381	47	99 357	5 849 032	58.85
24	0.00046	99 333	45	99 311	5 749 675	57.88
25	0.00043	99 288	43	99 266	5 650 365	56.91
26	0.00043	99 245	42	99 224	5 551 098	55.93
27	0.00045	99 203	44	99 181	5 451 875	54.96
28	0.00048	99 158	48	99 135	5 352 694	53.98
29	0.00052	99 111	52	99 085	5 253 559	53.01
30	0.00055	99 059	55	99 031	5 154 474	52.03
31	0.00057	99 004	56	98 976	5 055 443	51.06
32	0.00058	98 947	57	98 919	4 956 467	50.09
33	0.00060	98 890	59	98 861	4 857 548	49.12
34	0.00062	98 831	62	98 801	4 758 687	48.15
35	0.00066	98 769	65	98 737	4 659 887	47.18
36	0.00069	98 705	68	98 671	4 561 149	46.21
37	0.00075	98 636	74	98 600	4 462 479	45.24
38	0.00082	98 563	81	98 523	4 363 879	44.28
39	0.00089	98 482	87	98 439	4 265 356	43.31
40	0.00095	98 395	93	98 349	4 166 917	42.35
41	0.00101	98 301	100	98 252	4 068 568	41.39
42	0.00109	98 202	107	98 149	3 970 316	40.43
43	0.00118	98 095	116	98 038	3 872 167	39.47
44	0.00130	97 979	128	97 916	3 774 129	38.52
45	0.00145	97 851	142	97 782	3 676 213	37.57
46	0.00161	97 710	157	97 632	3 578 431	36.62
47	0.00180	97 552	175	97 466	3 480 799	35.68
48	0.00100	97 377	195	97 281	3 383 332	34.74
49	0.00200	97 182	215	97 076	3 286 051	33.81
43	0.00221	3/ IOZ	210	9/ 0/0	3 200 001	აა.ი I

Male

						Male
	probability of	number of		stationary	population	
age	dying	survivors	number of deaths	number of	total	life expectancy
	dying	_		person-years	person-years	0
X	n q x	l x	n d x	nLx	Tx	e x
50	0.00243	96 967	236	96 851	3 188 975	32.89
51	0.00269	96 731	261	96 603	3 092 124	31.97
52	0.00298	96 470	287	96 329	2 995 522	31.05
53	0.00327	96 183	315	96 028	2 899 192	30.14
54	0.00359	95 869	344	95 699	2 803 164	29.24
	0.00005	05.504	077	05.000	0 707 405	20.04
55 56	0.00395	95 524	377	95 338 94 944	2 707 465	28.34
	0.00434	95 147	413		2 612 127	27.45
57	0.00478	94 734	453	94 511	2 517 183	26.57
58	0.00530	94 281	500	94 035	2 422 672	25.70
59	0.00585	93 782	549	93 511	2 328 636	24.83
60	0.00644	93 233	600	92 937	2 235 125	23.97
61	0.00709	92 633	657	92 309	2 142 187	23.13
62	0.00777	91 976	715	91 624	2 049 878	22.29
63	0.00852	91 262	778	90 878	1 958 254	21.46
64	0.00936	90 484	847	90 066	1 867 376	20.64
04	0.00000	00 101	047	00 000	1 007 070	20.04
65	0.01030	89 637	924	89 182	1 777 310	19.83
66	0.01138	88 713	1 010	88 216	1 688 128	19.03
67	0.01259	87 703	1 104	87 159	1 599 913	18.24
68	0.01395	86 599	1 208	86 003	1 512 754	17.47
69	0.01546	85 390	1 320	84 740	1 426 750	16.71
70	0.01694	84 071	1 424	83 367	1 342 011	15.96
71	0.01844	82 647	1 524	81 893	1 258 644	15.23
72	0.02010	81 123	1 631	80 317	1 176 750	14.51
73	0.02204	79 492	1 752	78 627	1 096 434	13.79
74	0.02432	77 740	1 890	76 807	1 017 807	13.09
75	0.02684	75 850	2 036	74 844	941 000	12.41
76	0.02084	73 814	2 180	72 735	866 156	11.73
77	0.02933	71 634	2 313	72 733 70 489	793 421	11.08
78						
78	0.03562	69 321	2 469	68 101	722 932	10.43
/9	0.03984	66 852	2 663	65 538	654 831	9.80
80	0.04493	64 189	2 884	62 766	589 293	9.18
81	0.05072	61 305	3 109	59 769	526 527	8.59
82	0.05711	58 196	3 323	56 552	466 758	8.02
83	0.06419	54 872	3 522	53 127	410 207	7.48
84	0.07230	51 350	3 713	49 510	357 079	6.95
85	0.08179	47 638	3 896	45 704	307 570	6.46
86	0.09269	43 741	4 054	41 726	261 865	5.99
87	0.10497	39 687	4 166	37 611	220 140	5.55
88	0.11835	35 521	4 204	33 419	182 529	5.14
89	0.13221	31 317	4 141	29 237	149 110	4.76
90	0.14537	27 177	3 951	25 183	119 873	4.41
91	0.16073	23 226	3 733	21 340	94 690	4.41
92	0.17747	19 493	3 459	17 738	73 350	3.76
93	0.19568	16 033	3 137	14 436	55 612	3.47
94	0.21544	12 896	2 778	11 476	41 176	3.19
95	0.23682	10 118	2 396	8 887	29 700	2.94
96	0.25989	7 722	2 007	6 686	20 813	2.70
97	0.28471	5 715	1 627	4 871	14 127	2.47
98	0.31130	4 088	1 273	3 423	9 256	2.26
99	0.33969	2 815	956	2 313	5 833	2.07
100	0.36985	1 859	688	1 495	3 520	1.89
101	0.40176	1 171	471	920	2 025	1.73
102	0.43531	701	305	536	1 105	1.58
103	0.47038	396	186	294	569	1.44
104	0.50680	210	106	151	274	1.31
105	1 00000	100	100	100	100	4.40
105 -	1.00000	103	103	123	123	1.19
	1					

Table A. Abridged Life Tables for Japan, 2019

# Female

Temate						
	probability of	number of		stationary	population	
age	dying	survivors	number of deaths	number of	total	life expectancy
	uying .			person-years	person-years	0
X	n q x	l x	n d x	nLx	Tx	<i>e x</i>
0 (W)	0.00060	100 000	60	1 917	8 744 564	87.45
1	0.00006	99 940	6	1 917	8 742 647	87.48
2	0.00008	99 934	8	1 916	8 740 730	87.47
3	0.00005	99 926	5	1 916	8 738 813	87.45
4	0.00020	99 921	20	8 987	8 736 897	87.44
2 (M)	0.00014	99 901	14	8 324	8 727 910	87.37
3	0.00030	99 887	30	24 968	8 719 585	87.29
6	0.00035	99 857	35	49 919	8 694 618	87.07
	0.00000	33 007	00	40 010	0 034 010	07.07
0 (Y)	0.00178	100 000	178	99 865	8 744 564	87.45
1	0.00028	99 822	28	99 806	8 644 699	86.60
2	0.00020	99 794	20	99 784	8 544 893	85.63
	0.00020	99 774	14	99 767		84.64
3					8 445 108	
4	0.00010	99 760	10	99 755	8 345 342	83.65
_	0.0000	00.750		00.740	0.045.500	
5	0.00009	99 750	9	99 746	8 245 586	82.66
6	0.00008	99 741	8	99 737	8 145 841	81.67
7	0.00007	99 734	6	99 730	8 046 103	80.68
8	0.00006	99 727	6	99 724	7 946 373	79.68
9	0.00005	99 722	5	99 719	7 846 649	78.69
10	0.00005	99 716	5	99 714	7 746 930	77.69
11	0.00006	99 711	6	99 708	7 647 216	76.69
12	0.00007	99 705	7	99 701	7 547 508	75.70
13	0.00008	99 698	8	99 694	7 447 807	74.70
14			10			73.71
14	0.00010	99 689	10	99 684	7 348 113	/3./1
45	0.00011	00.070		00.074	7.040.400	70.70
15	0.00011	99 679	11	99 674	7 248 429	72.72
16	0.00013	99 668	13	99 662	7 148 755	71.73
17	0.00014	99 656	14	99 649	7 049 093	70.73
18	0.00016	99 641	16	99 633	6 949 445	69.74
19	0.00018	99 625	18	99 617	6 849 811	68.76
20	0.00020	99 608	20	99 598	6 750 194	67.77
21	0.00021	99 588	21	99 578	6 650 596	66.78
22	0.00022	99 567	22	99 556	6 551 019	65.80
23	0.00022	99 545	21	99 534	6 451 463	64.81
24	0.00022	99 524	21	99 513	6 351 928	63.82
24	0.00022	33 024	21	33 313	0 001 320	00.02
25	0.00022	99 502	22	99 491	6 252 415	62.84
26						
	0.00023	99 480	23	99 469	6 152 924	61.85
27	0.00024	99 457	24	99 445	6 053 455	60.86
28	0.00025	99 433	24	99 421	5 954 010	59.88
29	0.00025	99 409	25	99 396	5 854 589	58.89
30	0.00027	99 384	27	99 371	5 755 192	57.91
31	0.00029	99 357	29	99 343	5 655 822	56.92
32	0.00031	99 328	31	99 313	5 556 479	55.94
33	0.00034	99 297	34	99 280	5 457 166	54.96
34	0.00037	99 263	37	99 245	5 357 886	53.98
35	0.00040	99 226	40	99 206	5 258 641	53.00
36	0.00042	99 186	42	99 165	5 159 434	52.02
37	0.00044	99 144	44	99 123	5 060 269	51.04
38	0.00044	99 100	46	99 078	4 961 146	50.06
39	0.00047	99 054	51	99 029		49.08
აშ	0.00031	99 004	91	99 UZ9	4 862 069	49.08
40	0.00057	00.000		00 070	4 700 040	40.11
40	0.00057	99 003	56	98 976	4 763 040	48.11
41	0.00062	98 947	61	98 917	4 664 064	47.14
42	0.00068	98 886	67	98 853	4 565 146	46.17
43	0.00074	98 819	73	98 783	4 466 293	45.20
44	0.00081	98 746	80	98 707	4 367 510	44.23
45	0.00089	98 666	88	98 623	4 268 803	43.26
46	0.00099	98 578	98	98 530	4 170 180	42.30
47	0.00110	98 481	108	98 427	4 071 650	41.34
48	0.00121	98 373	119	98 314	3 973 222	40.39
49	0.00121	98 253	130	98 189	3 874 908	39.44
70	0.00100	50 <u>2</u> 00	100	00 100	0 0 7 7 000	דד.טט

# Female

			· · · · · · · · · · · · · · · · · · ·			Female
	probability of	number of	1 01 1	stationary	population	1:0
age	dying	survivors	number of deaths	number of	total	life expectancy
			,	person-years	person-years	0
X	n q x	$l_x$	n d x	nLx	$T_x$	e x
50	0.00144	98 123	141	98 053	3 776 719	38.49
51	0.00155	97 982	152	97 907	3 678 666	37.54
52	0.00167	97 830	163	97 749	3 580 759	36.60
53	0.00178	97 666	174	97 580	3 483 010	35.66
54	0.00189	97 492	184	97 401	3 385 430	34.73
55	0.00202	97 308	197	97 211	3 288 029	33.79
56	0.00219	97 111	213	97 006	3 190 818	32.86
57	0.00240	96 899	232	96 784	3 093 812	31.93
58	0.00261	96 666	252	96 542	2 997 028	31.00
59	0.00280	96 414	270	96 281	2 900 486	30.08
00	0.00200	00 414	270	00 201	2 000 100	00.00
60	0.00298	96 145	286	96 003	2 804 205	29.17
61	0.00238	95 859	303	95 708	2 708 202	28.25
62	0.00339	95 555	323	95 395	2 612 494	27.34
63	0.00365	95 232	347	95 060	2 517 098	26.43
64	0.00395	94 884	375	94 699	2 422 038	25.53
65	0.00430	94 509	407	94 308	2 327 339	24.63
66	0.00472	94 102	444	93 883	2 233 031	23.73
67	0.00519	93 658	486	93 418	2 139 147	22.84
68	0.00570	93 172	531	92 910	2 045 729	21.96
69	0.00629	92 640	583	92 353	1 952 819	21.08
70	0.00694	92 057	639	91 743	1 860 466	20.21
71	0.00760	91 419	695	91 076	1 768 724	19.35
72	0.00835	90 724	758	90 350	1 677 648	18.49
73	0.00923	89 966	830	89 557	1 587 297	17.64
74			915	88 686		16.80
/4	0.01026	89 136	915	88 080	1 497 740	10.80
75	0.01150	00.001	1.015	07.700	1 400 054	45.07
75	0.01150	88 221	1 015	87 722	1 409 054	15.97
76	0.01296	87 206	1 130	86 651	1 321 332	15.15
77	0.01459	86 076	1 256	85 459	1 234 681	14.34
78	0.01655	84 820	1 404	84 132	1 149 221	13.55
79	0.01894	83 416	1 580	82 642	1 065 090	12.77
80	0.02179	81 836	1 783	80 963	982 448	12.01
81	0.02517	80 053	2 015	79 066	901 485	11.26
82	0.02909	78 038	2 270	76 925	822 419	10.54
83	0.03363	75 768	2 548	74 518	745 493	9.84
84	0.03883	73 220	2 843	71 824	670 975	9.16
85	0.04499	70 377	3 166	68 822	599 151	8.51
86	0.05216	67 211	3 506	65 487	530 330	7.89
87	0.06060	63 705	3 860	61 804	464 843	7.30
88	0.07033	59 845	4 209	57 768	403 039	6.73
89	0.08111	55 635	4 512	53 402	345 271	6.21
	3.33.11	00 000		00 102	0.02/1	3.21
90	0.09278	51 123	4 743	48 767	291 869	5.71
91	0.10567	46 380	4 901	43 939	243 102	5.24
92	0.12016	41 479	4 984	38 990	199 163	4.80
					160 173	
93	0.13589	36 495	4 959	34 009		4.39
94	0.15355	31 535	4 842	29 103	126 164	4.00
05	0.17700	06 600	4 705	04 011	07.061	2.64
95	0.17739	26 693	4 735	24 311	97 061	3.64
96	0.20029	21 958	4 398	19 724	72 750	3.31
97	0.22461	17 560	3 944	15 546	53 025	3.02
98	0.25038	13 616	3 409	11 864	37 479	2.75
99	0.27760	10 207	2 833	8 741	25 615	2.51
100	0.30624	7 373	2 258	6 197	16 873	2.29
101	0.33629	5 115	1 720	4 213	10 676	2.09
102	0.36768	3 395	1 248	2 735	6 463	1.90
103	0.40032	2 147	859	1 688	3 728	1.74
104	0.43411	1 287	559	986	2 040	1.58
105 -	1.00000	729	729	1 053	1 053	1.45
			<u> </u>			