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EXPECTATION OF LIFE IN TAIWAN, ROC 1948-1977

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EXPECTATION OF LIFE IN TAIWAN, ROC 1948-1977

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Life Expectancy and Mortality Trends in Taiwan

Gary L. T. Lu

1. Purpose and scope

The purpose of this report is to explain the correlation between the level of mortality and its pattern on causes of disease, and thus to trace the mortality trends in our community. Mortality is considered here primarily from the demographic rather than the medical point of view.

In the methodology approach, that is the life table model and the pattern of mortality model of the U.N. announced in 1962 and by detailed in its Population Bulletin of No. 6.

The pattern of mortality model is regrouping of causes of deaths into 5 categories, those mortality patterns have a close relationship with the e_0° value. When the mean length of life increases from 40 to 60 years, 60 to 70 and 70 years above, 5 patterns of mortality consequently are changed.

The assumption of the aforementioned two models comparison with the Taiwan data and finally lead to a distinctive picture on mortality and its trends.

2. Life expectancy during 1948-1975

Generally, the rates of crude death and infant mortality, and the mean length of life are used to indicate the levels of mortality. The crude death rate, defined as the annual number of deaths per 1000 population is heavily affected by the age composition of a population; and infant mortality rate, defined as the number of deaths under one year of age per 1000 live births during a stated period of time is affected by errors in the registration of births. However, the mean length of life is a superior measure of the level of mortality, as it is not affected by the age structure of population and is used in international comparisons so the e_0° value is applied to this report.

By table 1, the mean length of life for Taiwan has been lengthened by 22 (70.2-48.4) years since 1948. For Japan it seems to be from 48.3 years in 1936 to 69.8 in 1963. The recent gain in mean length of life have been smaller than before as indicating the average increase at 2.6, 0.7 and 0.4 years at different interval. By the way it is estimated the expectancy life at birth will be up to 70 years by 1980's.

Table 1. Expectation of Life at Birth, Taiwan, Both Sexes
1948—1975

Year	Expectation of life at birth in years ^(a) (both sexes)	Average annual increase in life expectancy between two successive dates (in years)	Year	Expectation of life at birth in years ^(a) (both sexes)	Average annual increase in life expectancy between two successive dates (in years)
1948	48.4	—	62	65.3	0.3
49	51.0	2.6	63	65.8	0.5
50	54.6	3.6	64	66.5	0.7
51	55.2	0.6	65	67.3	0.8
52	58.6	3.4	66	66.9	— 0.4
53	60.3	1.7	67	66.9	0
54	62.0	1.7	68	66.8	— 0.1
55	62.5	0.5	69	67.9	1.1
56	62.6	0.1	70	68.2	0.3
57	62.5	— 0.1	71	68.9	0.7
58	64.2	1.7	72	69.4	0.5
59	64.3	0.1	73	69.5	0.1
60	64.4	0.1	74	69.6	0.2
61	65.0	0.6	75	70.2	0.6
Average 1948-52				53.6	2.6
1953-62				63.3	0.7
1963-73				67.6	0.4
1971-75				69.5	0.4 (0.38)

(a) Arithmetical average of life expectancy

Source: Abridged Life Table for Taiwan, 1948-75

From the world-wide view the mean length of life of Taiwan is above all that of the less developed regions, this is shown in table 2, and should rank with the developed countries.

In general, females live longer than males in most countries. This is true of Taiwan also.

Meanwhile, differentials of main length of life in our society are found. In table 3 for example life expectancy is in the urban areas than in the rural areas. The five big cities have the highest (70.64) and the aboriginal areas (62.20) the last of all, far behind 8.4 years (70.64-62.20). This shows ample room for further extensions of the life expectancy in Taiwan, particularly for its rural and remote area.

As far as we know great success has been achieved in reducing mortality in the advanced countries, where mortality levels are now lowest and progress in the reduction of mortality has slowed down. Further improvement can also be expected to be very minor and gradual. The following presents the UN mortality model to give the historic trends in mortality.

Table 2. Expectation of Life at Birth, in Years, as Projected for 1970-1975 in 24 Regions and Taiwan (ROC)

Region	Life Expectancy	Region	Life Expectancy
More developed regions	71.2	Middle America	61.7
Japan	73.3	China (Mainland)	61.6
Northern Europe	72.5	Other East Asia	61.3
Australia and New Zealand	72.3	Tropical South America	60.6
Western Europe	71.8	Western South Asia	54.4
Northern America	71.4	Southern Africa	50.7
Southern Europe	70.9	Northern Africa	50.5
USSR	70.4	Eastern South Asia	49.9
Eastern Europe	69.9	Middle South Asia	48.8
Temperate South America	67.3	Melanesia	48.4
Less developed regions	53.9	Eastern Africa	44.5
Micronesia and Polynesia	64.0	Middle Africa	42.0
Caribbean	64.0	Western Africa	41.3
Republic of China (Taiwan)*			69.1

* Figure provided by Gary L. T. Lu

Source: United Nations, Concise Report on The World Population Situation in 1970-1975 and Its Long-range Implications, p. 18 (1974)

Table 3. Urban-Rural Differences of Life Expectancy at Birth by Sex in Taiwan, 1972

Area	Life Expectancy at Birth	Indices
Male		
Whole area	66.77	100.0
Urban area	67.66	101.3
1) Five big cities	67.96	101.8
2) 11 small cities	67.07	100.4
3) 73 urban townships	66.83	100.1
Rural area	65.89	98.7
1) 201 rural townships	66.08	99.0
2) 30 aboriginal townships	60.85	91.1
Female		
Whole area	72.00	100.0
Urban area	72.84	101.2
1) Five big cities	73.32	101.8
2) 11 small cities	71.75	99.7
3) 73 urban townships	71.82	99.8
Rural area	71.41	99.2
1) 201 rural townships	71.74	99.6
2) 30 aboriginal townships	63.54	88.3

Source: Ministry of the Interior 1972 Taiwan Demographic Fact Book pp. 566-573

3. Historic Trends of Mortality

For the study of long-term trends in cause of death the 50-category summary is too detailed; the United Nations has therefore regrouped all causes of death into 5 major types, according to their responsiveness to public health programs and medical care.

Group I. Infectious and parasitic diseases; influenza and pneumonia, and bronchitis below the age of 5 years (respiratory diseases).

Group II. Cancer

Group III. Cardiovascular diseases (diseases of the circulatory system) and bronchitis above the age of 5 years,

Group IV. Violence (including accidents)

Group V. Other diseases

The United Nations has demonstrated how the pattern of cause-of-death changes with the change in life expectancy. The result of the "model" is reported below:

- 1) When the expectation of life at birth increases from 40-60 years, the proportion of deaths due to group I diseases (respiratory diseases,) decline. The proportion of deaths due to group II diseases (Cancer) and Group III diseases (cardiovascular diseases and bronchitis above the age of 5 years) increases, the proportion of deaths due to Group V diseases (other diseases) increases slightly.
- 2) When the expectation of life at birth increases from 60 to 70 years, the proportion of Group I diseases continues to decline, and that of Group II and Group III diseases continues to increase, but the increase is more rapid. The proportion of Group V diseases remains practically unchanged.
- 3) When the expectation of life increases beyond 70 years, the trends previously observed for Group I, II and III diseases continue, while the proportion of deaths due to Group V diseases rapidly declines.

4. Mortality changes and trends

During the past 23 years (1952-'75) the mean length of life ranged from 58.6 to 70.3 years. In table 4, The group II and III diseases have significantly increased. Cancer causes (GII) about 18 percent of all deaths in developed nations in comparison with 13.7% of Taiwan in 1975. The disease of the circulatory system (GIII) have increased more rapidly than the above all other diseases, one more out of four persons died from group III disease in 1975. Group I and V diseases have

Table 4. Changes in Crude Mortality Rates and Their Percentage Distributions, Taiwan 1952—1975

Year	Expectation of life at birth for both sexes (in years)	All Causes	Crude Mortality Rates Per 100,000 Population				
			Group I (2)	Group II	Group III	Group IV	Group V
1975	70.2	74,398	62	64	130	64	146
1970	68.2	68,117	72	56	85	45	212
1965	67.3	65,508	122	49	64	46	239
1960	64.4	72,485	172	39	76	37	347
1955	62.5	76,494	310	33	93	—	409
1952	58.6	76,053	426	30	48	—	431
Percentage change 1952-1975			-85.0	+113	+171	+73	-66
Average change per year			- 4.0	+ 4.9	+ 7.4	+ 3.2	- 2.9
Percentage Distribution of Rates							
1975	70.2	100.0	13.3	13.7	28.0	13.8	31.4
1970	68.2	100.0	15.3	11.8	18.1	9.6	45.2
1965	67.3	100.0	23.5	9.4	12.3	8.8	46.0
1960	64.4	100.0	25.7	5.9	11.3	5.5	51.6
1955	62.5	100.0	36.7	3.9	11.0	—	48.4
1952	58.6	100.0	45.6	3.2	5.1	—	46.1
Percentage change 1952-1975			-71	+328	+527	+151 ⁽¹⁾	-32
Average change per year			- 3.1	+ 14.3	+ 23	+ 7	- 1.4

(1) Since 1960

(2) Including bronchitis above the age of five

Source: National Health Administration, Health Statistical, various years

shown a downward trend, but group V diseases had dropped slightly, decrease of only 1% during the period 1952-75. These changes have conformed to the UN mortality pattern model but group IV causes of death (accidents, suicide & homicide) included in the ten leading causes of death in 1960. It increases 7% to every year. However deaths from violence have declined in England and the United States since 1900.

It is expected that the mean length of life up to 70 in 1980's and since then the mortality changes will follow the UN mortality model so that in group II and III diseases will be increased rapidly and group I and V will drop at different degrees. If the social security system is operated with good effect the violence death may not be so significant.

5. Summary

As a result of better disease control measures and socio-economic development, Taiwan has made a very significant improvement in mortality after the Second World War.

Further gains in mean length of life by 22 years for the past 27 years from 1948-1975. In comparison with the world countries, the main length of life in Taiwan is above all that of the less developed regions (70.2 in 1975) and should rank with those of the developed countries. However, there are still differentials, for instance it is lower in the aboriginal townships than in the urban townships being 8.4 years behind. This indicates an ample room for further extension of the life expectancy in particular for the rural and remote areas.

It is estimated that the main length of life of Taiwan will be up to 70 years by 1980's. That is the mortality pattern will fall in the third stage of the U.N. mortality model in 1980's. As far as we know, cancer is primarily a disease of older adulthood. Deaths from this have increased as populations have grown older and cardiovascular diseases are heavily concentrated on the older ages; fertility rates decline and the age composition moves toward older ages. We believe that cancer and cardiovascular diseases will be the leading causes of deaths.

Group IV "violence" though not a disease is a cause of death. There is little doubt that mortality from violence is not as intimately related to health conditions as mortality from other causes. Advances in medicine have certainly brought about a decline in mortality from violence. It is commonly believed that economic advancement tends to increase mortality from violence. In case of Taiwan, it is hoped that the social security system can be strengthened and other related measures can be made. This is also a challenge to the public health, medical care, rural development, social improvement and policy making.

References

1. United Nations, population Bulletin of the United Nations No. 6, With special reference to the situation and recent trends of mortality in the world. pp. 73-112.
2. Jeremiah M. Sullivan, A review of Taiwanese infant and child mortality statistics, 1961-1968, Taiwan population studies, working paper No. 10, Population Studies Center, University of Michigan.
3. Gary L. T. Lu and S. P. Wei, Complete life table for Taiwan in 1970, Taiwan Demography Monthly (July 1972), pp 43-56. Published by Ministry of the Interior, R.O.C.
4. The 28th abridged life tables (1974-1975), Institute of population problems, Ministry of health and welfare of Japan.

Method of Construction of Abridged Life Table

Gary L. T. Lu*

In constructing life tables, calculation of the age-specific death rates is the first step. The age-specific death rate is the proportion of deaths of a particular age group in a fixed period to the number in that age group in mid-period. The process of constructing a life table is described below:

1. Probability of Dying (${}_nq_x$)—The value of ${}_nq_x$ represents the probability of dying between the exact age x and the age $x+n$ of a cohort. These probabilities are calculated from the age-specific death rate (${}_nM_x$). Accordingly, the life table represents death statistics expressed as probabilities of death or other parameters. Its main value is to specify the risk of death or survival probability within a designed age interval. It is independent of the age structure of the population.

It is very important to calculate the probability of dying (${}_nq_x$) in order to combine the death data with life table, because various functions of life table are all derived from it. There are many ways of smoothing the age-specific mortality rates. Here¹⁾ the Reed-Merrel method is used to obtain the values for q_5 to q_{75} in each life table of this issue.**

In 1955 the Population Division of the United Nations Published a series of model life tables based on 158 life tables for each sex.²⁾ It has been widely used for the demographic research in the developing countries. It was used previously for adjusting the q_0 and q_1 . In this publication, however, the adjusted value of $q(0)$ and $q(1)$ are estimated on the basis of the "Regional Model Life Tables—Model West" (Analey J. Coale & Paul Demeny).³⁾

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** The actual calculation applies the reference Table-value for converting ${}_nq_x$. The formula is ${}_nq_x = 1 - e^{-n \cdot {}_nM_x - 0.008n^3 M_x^2}$, which is adopted to calculate the mortality in the United State; but for other country the results might be not so accurate, especially for the infant, so that some adjustment is needed to calculate the mortality rate of the two age groups of the youngest and the oldest; nevertheless it can adopt itself to most age group.

1) L. J. Reed & Merrell, "A short Method for Constructing an Abridged Life Table", Handbook of Statistical Methods for Demographers, pp. 12-15.

2) United Nations, Age and Sex Patterns of Mortality: Model Life-tables for Under-developed Countries.

3) Ansley J. Coale & Paul Demeny, Regional Model Life Table and Stable Population.

Since mortality data of sufficient reliability are available from age 5 to 44 for Taiwan, the eight quinquennial age groups, 5-9 to 40-44, were used to determine the mortality level by interpolation. The average of the eight mortality levels was utilized to determine, in turn, ${}_1q_0$ and ${}_4q_1$ by interpolation from the model life tables. The procedure is illustrated below for males registered in cities in 1969.

Age	Mortality level (1)	Model $q(x)$ (2)	Registered $q(x)$ (3)	Difference between (2) and (3) (4) = (2) - (3)	Difference between two adjoining level Model $q(x)$ (5)	Actual mortality level of registered $q(x)$ (6) = (1) + (4)/(5)
5	22	3.42	3.29	0.13	1.19	22.10924
10	21	3.83	2.89	0.94	1.02	21.92157
15	22	5.23	5.04	0.19	1.52	22.12500
20	21	9.57	7.57	2.00	2.28	21.87719
25	21	9.78	8.96	0.82	2.45	21.33469
30	21	11.07	10.50	0.57	2.79	21.20430
35	20	17.45	15.29	0.16	3.37	20.64095
40	21	20.12	19.72	0.40	4.32	21.09259
Total						172.30553
Average						21.53819

	<u>Mortality</u>		<u>Level</u>
	<u>Model</u>		<u>Interpolated for</u>
${}_1q_0$	$\frac{21}{40.91}$	$\frac{22}{30.75}$	$\frac{21.5382}{35.44}$
${}_4q_1$	9.59	6.10	7.71

2. Survivors at Exact Age x (l_x)—The value of l_x represents how many persons out of an initial cohort of 100,000 survive to the exact age x if the probability of death within ages x to $x+n$ is ${}_nq_x$. In the life table the radix is generally taken as 100,000 persons for the convenience of calculation and comparison. The formulae are: ${}_nd_x = {}_nq_x \cdot l_x$ and $l_{x+n} = l_x - {}_nd_x$.

3. Number of Deaths (${}_nd_x$)—The value of ${}_nd_x$ indicates how many persons died from age x to $x+n$ in accordance with the mortality probabilities given above. ${}_nd_x$ is obtained by multiplying the survivors to age x with the mortality probability of the age group, $(x, x+n)$. Thus ${}_nd_x = {}_nq_x \cdot l_x$. ${}_nd_x$ is also equal to the difference between the number surviving to age x and the number surviving to age $x+n$, i.e. ${}_nd_x = l_x - l_{x+n}$. However, deaths of the last age group must be equal to the survivors of the same group because all persons of that group must die.

4. Person years of the Stationary Population (${}_nL_x$)— ${}_nL_x$ represents the number of years lived by the persons from exact age x to the age $x+n$. While an accurate

determination of ${}_nL_x$ values is not usually possible in constructing the life table, it is generally assumed that the deaths of each age are evenly distributed between the two birthdays, so that the person-years of $L(5)$ to $L(75)$ are obtained as the simple average of the survivors to ages x and $x+n$. ${}_nL_x = \frac{n}{2}(L_x + L_{x+n})$. Thus, ${}_nL_x$ can also be regarded as the number of persons in age group x to $x+n$ in a stationary population, i.e., in a population in which there is the same number of births each year, deaths are delimited by the life table, and there is no migration. The number of person-years in the last age group is approximately equal to the deaths divided by the central death rate of actual population. The formula is

$${}_nL_x = \frac{{}_\infty d_x}{{}_n M_x}.$$

However, for the infants and young children, mortality changes rapidly with age, even within the interval of single year. So it is not reasonable to apply the linear formula because the deaths are not distributed evenly throughout the age interval, but are largely concentrated in the earlier period. Accordingly the earlier deaths occur, the more the person-years lost to a cohort. In calculating $L(0)$ and $L(1)$ the single average is not valid. On the contrary, unequal weighting factors must be used to obtain satisfactory results. The formulae given in the "Regional Model Life Tables" are applied to calculate $L(0)$ and $L(1)$ in each life table. The formulas are as below.⁴⁾

$$\begin{aligned} {}_1L_0 &= K_0 l_0 + (1 - K_0) l_1 \\ {}_4L_1 &= K_1 l_1 + (4 - K_1) l_5 \\ K_0 &= 0.0425 + 2.875 {}_1q_0, \text{ for males} \\ K_1 &= 1.653 - 3.013 {}_1q_0 \\ K_1 &= 1.524 - 1.625 {}_1q_0 \\ K_0 &= 0.050 - 3.000 {}_1q_0, \text{ for females} \\ K_1 &= 1.524 - 1.625 {}_1q_0 \end{aligned}$$

Various methods can be used to estimate the person-years yielding somewhat different results. This has to be remembered while utilizing this and other parameters of life tables.

5. Cumulative Survival Years of Stationary Population (T_x)— T_x represents the cumulative years that persons who have survived to exact age x will live. The formula is

$$T_x = \sum_{t=x}^{\infty} {}_nL_t, \text{ or } T_x = T_{x+1} + {}_nL_x$$

4) Ibid. p. 20.

6. Expectation of Life $(e_x^{\circ}) - e_x^{\circ}$ represents the average years of life remaining to a survivor to age x and is termed "life expectancy at age x ". It is equal to the ratio of the cumulative survival years and survivors to age x : $e_x^{\circ} = T_x / l_x$. To get the value of life expectancy is the principal purpose of constructing life tables.

Appendix Mortality Level and Standard nq_x Values

Ages	Mortality level	10	11	12	13	14	15	16
	Standard nq_x							
Male								
0		188.95	171.65	155.37	139.42	124.53	111.36	98.57
1 — 4		105.96	94.40	83.53	70.84	60.07	51.05	42.70
5 — 9		29.11	26.22	23.50	20.59	18.07	15.89	13.79
10 — 14		21.09	19.04	17.10	14.91	13.19	11.68	10.22
15 — 19		29.51	26.84	24.32	21.92	19.66	17.64	15.68
20 — 24		41.81	38.02	34.45	31.13	27.92	25.03	22.22
25 — 29		46.24	41.94	37.89	34.12	30.46	27.16	23.96
30 — 34		53.17	48.17	43.47	39.10	34.82	31.01	27.32
35 — 39		62.64	56.89	51.48	46.44	41.64	27.26	33.01
40 — 44		76.53	69.82	63.35	57.52	52.02	47.08	42.22
Female								
0		161.43	146.12	131.71	118.31	105.48	93.39	81.77
1 — 4		105.41	93.68	82.64	71.69	59.76	50.01	41.18
5 — 9		30.40	27.19	24.17	21.36	18.39	15.73	13.26
10 — 14		23.73	21.22	18.85	16.59	14.20	12.18	10.29
15 — 19		31.57	28.39	25.39	22.61	20.12	17.39	14.85
20 — 24		39.85	35.95	32.27	28.86	26.12	22.69	19.49
25 — 29		44.87	40.53	36.45	32.66	29.66	25.91	22.37
30 — 34		50.75	45.88	41.30	37.04	33.47	29.41	25.56
35 — 39		56.23	51.00	46.08	41.51	37.56	33.37	29.34
40 — 44		61.60	56.22	51.15	46.44	42.32	38.19	34.16

Ages	Mortality level	17	18	19	20	21	22	23
	Standard nq_x							
Male								
0		86.21	74.30	62.87	51.93	40.91	30.75	21.44
1 — 4		34.96	27.75	21.01	14.68	9.59	6.10	3.42
5 — 9		11.79	9.88	8.06	6.33	4.77	3.42	2.23
10 — 14		8.81	7.46	6.16	4.92	3.83	2.81	1.90
15 — 19		13.78	11.94	10.17	8.46	6.83	5.23	3.71
20 — 24		19.50	16.87	14.34	11.92	9.57	7.29	5.14
25 — 29		20.87	17.90	15.06	12.34	9.78	7.33	5.06
30 — 34		23.76	20.34	17.06	13.93	11.07	8.28	5.70
35 — 39		23.90	24.93	23.11	17.45	14.08	10.68	7.50
40 — 44		37.47	32.84	28.35	24.03	20.12	15.80	11.60
Female								
0		70.66	60.04	49.94	40.34	30.93	2.62	15.16
1 — 4		33.15	25.79	19.00	12.68	7.71	4.62	2.40
5 — 9		10.97	8.84	6.86	5.01	3.38	2.20	1.27
10 — 14		8.54	6.90	5.36	3.92	2.72	1.80	1.05
15 — 19		12.48	10.26	8.20	6.26	4.35	2.93	1.77
20 — 24		16.50	13.70	11.09	8.66	6.25	4.12	2.53
25 — 29		19.06	15.94	13.03	10.29	7.58	5.11	3.21
30 — 34		21.90	18.45	15.19	12.12	9.06	6.39	4.14
35 — 39		25.47	21.78	18.26	14.92	11.59	8.56	5.81
40 — 44		30.24	26.43	22.76	19.24	15.78	12.25	8.85

Source: Ansely J. Coale and Paul Demeny: Regional Model Life and Stable Population PP 11-24, Princeton University Press. 1966.

Table 1. Abridged Life Table by Male and Female for Taiwan, 1948

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.13616	100,000	13,616	90,877	4,552,812	45.53
1 — 4	0.06848	86,384	5,915	318,777	4,461,935	51.65
5 — 9	0.02280	80,468	1,834	397,755	4,143,158	51.49
10 — 14	0.01502	78,633	1,180	390,216	3,745,403	47.63
15 — 19	0.01516	77,452	1,174	384,329	3,355,187	43.32
20 — 24	0.02636	76,278	2,010	376,367	2,970,858	38.95
25 — 29	0.03043	74,268	2,259	365,692	2,594,491	34.93
30 — 34	0.03785	72,008	2,725	353,230	2,228,799	30.95
35 — 39	0.04601	69,283	3,187	338,447	1,875,569	27.07
40 — 44	0.06605	66,095	4,365	319,564	1,537,122	23.26
45 — 49	0.08432	61,730	5,204	295,639	1,217,558	19.72
50 — 54	0.11928	56,525	6,742	265,771	921,919	16.31
55 — 59	0.15535	49,783	7,733	229,581	656,148	13.18
60 — 64	0.22667	42,049	9,531	186,418	426,566	10.14
65 — 69	0.40575	32,517	13,194	129,604	240,148	7.39
70+	1.00000	19,323	19,323	110,544	110,544	5.72
Female						
0	0.10914	100,000	10,914	92,906	5,133,829	51.34
1 — 4	0.06316	89,086	5,626	330,557	5,040,923	56.58
5 — 9	0.02278	83,459	1,900	412,544	4,710,366	56.44
10 — 14	0.01354	81,558	1,104	405,031	4,297,822	52.70
15 — 19	0.01416	80,454	1,139	399,421	3,892,791	48.39
20 — 24	0.02251	79,314	1,785	392,109	3,493,370	44.04
25 — 29	0.02791	77,529	2,163	382,236	3,101,261	40.00
30 — 34	0.03378	75,365	2,546	370,461	2,719,025	36.08
35 — 39	0.04091	72,819	2,979	356,647	2,348,564	32.25
40 — 44	0.05075	69,840	3,544	340,338	1,991,917	28.52
45 — 49	0.06025	66,295	3,994	321,491	1,651,579	24.91
50 — 54	0.08507	62,301	5,300	298,255	1,330,088	21.35
55 — 59	0.11450	57,001	6,526	268,689	1,031,832	18.10
60 — 64	0.15378	50,474	7,761	232,968	763,143	15.12
65 — 69	0.20485	42,712	8,749	191,689	530,175	12.41
70+	1.00000	33,962	33,962	338,485	338,485	9.97

Table 2. Abridged Life Table by Male and Female Taiwan, 1949

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Yearsof Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.12034	100,000	12,034	91,937	4,882,427	48.82
1 — 4	0.05720	87,966	5,031	328,628	4,790,490	54.46
5 — 9	0.01905	82,934	1,579	410,722	4,461,862	53.80
10 — 14	0.01342	81,354	1,091	404,042	4,051,140	49.80
15 — 19	0.01335	80,262	1,071	398,635	3,647,098	45.44
20 — 24	0.02126	79,191	1,683	391,747	3,248,463	41.02
25 — 29	0.02646	77,507	2,050	382,412	2,856,716	36.86
30 — 34	0.03260	75,457	2,460	371,134	2,474,304	32.79
35 — 39	0.04015	72,996	2,930	357,657	2,103,170	28.81
40 — 44	0.06368	70,066	4,461	339,176	1,745,513	24.91
45 — 49	0.07987	65,604	5,239	314,921	1,406,337	21.44
50 — 54	0.11402	60,364	6,882	284,615	1,091,416	18.08
55 — 59	0.15826	53,481	8,464	246,248	806,801	15.09
60 — 64	0.21104	45,017	9,500	201,336	560,553	12.45
65 — 69	0.26327	35,517	9,350	154,209	359,216	10.11
70+	1.00000	26,166	26,166	205,007	205,007	7.83
Female						
0	0.10116	100,000	10,116	93,424	5,322,533	53.23
1 — 4	0.05628	89,884	5,058	336,237	5,299,109	58.18
5 — 9	0.01985	84,825	1,683	419,916	2,892,872	57.68
10 — 14	0.01211	83,141	1,006	413,191	4,472,956	53.80
15 — 19	0.01314	82,135	1,079	407,976	4,059,765	49.43
20 — 24	0.01983	81,055	1,606	401,260	3,651,789	45.05
25 — 29	0.02466	79,448	1,959	392,345	3,250,529	40.91
30 — 34	0.00343	77,489	2,358	381,551	2,858,184	36.88
35 — 39	0.03713	75,131	2,789	368,682	2,476,633	32.96
40 — 44	0.04897	72,341	3,542	352,851	2,107,951	29.14
45 — 49	0.06162	68,799	4,239	333,397	1,755,100	25.51
50 — 54	0.08079	64,559	5,215	309,760	1,421,703	22.02
55 — 59	0.10931	59,344	6,486	280,504	1,111,943	18.74
60 — 64	0.14850	52,857	7,849	244,665	831,438	15.73
65 — 69	0.18743	45,008	8,436	203,952	586,773	13.04
70+	1.00000	36,572	36,572	382,821	382,821	10.47

Table 3. Abridged Life Table by Male and Female for Taiwan, 1950

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.09568	100,000	9,568	93,471	5,289,639	52.90
1 — 4	0.04089	90,432	3,698	354,115	5,196,168	57.46
5 — 9	0.01657	86,734	1,437	430,078	4,842,053	55.83
10 — 14	0.01163	85,297	992	424,005	4,411,975	51.72
15 — 19	0.01099	84,305	926	419,210	3,987,970	47.30
20 — 24	0.01721	83,379	1,435	413,308	3,568,760	42.80
25 — 29	0.02109	81,944	1,728	405,400	3,155,452	38.51
30 — 34	0.02686	80,216	2,155	395,692	2,750,052	34.28
35 — 39	0.03109	78,061	2,427	384,238	2,354,360	30.16
40 — 44	0.05096	75,634	3,854	368,535	1,970,122	26.05
45 — 49	0.06784	71,780	4,870	346,725	1,601,587	22.31
50 — 54	0.09752	66,910	6,525	318,238	1,254,862	18.75
55 — 59	0.14362	60,385	8,672	280,245	936,624	15.51
60 — 64	0.19748	51,713	10,212	233,035	656,379	12.69
65 — 69	0.25440	41,501	10,558	181,110	423,344	10.20
70+	1.00000	30,943	30,943	242,234	242,234	7.83
Female						
0	0.08385	100,000	8,385	94,143	5,631,872	56.32
1 — 4	0.04276	91,615	3,917	356,228	5,537,729	60.44
5 — 9	0.01750	87,698	1,535	434,652	5,181,501	59.08
10 — 14	0.01015	86,163	874	428,630	4,746,849	55.09
15 — 19	0.01114	85,289	950	424,070	4,318,219	50.63
20 — 24	0.01733	84,339	1,460	418,045	3,894,149	46.17
25 — 29	0.02094	82,879	1,735	410,058	3,476,104	41.94
30 — 34	0.02549	81,144	2,068	400,550	3,066,046	37.78
35 — 39	0.03085	79,076	2,439	389,282	2,665,496	33.71
40 — 44	0.04336	76,637	3,323	374,878	2,276,214	29.70
45 — 49	0.05339	73,314	3,914	356,785	1,901,336	25.93
50 — 54	0.07638	69,400	5,301	333,748	1,544,551	22.26
55 — 59	0.10152	64,099	6,507	304,228	1,210,803	18.89
60 — 64	0.14085	57,592	8,112	267,680	906,575	15.74
65 — 69	0.18862	49,480	9,333	224,068	638,895	12.91
70+	1.00000	40,147	40,147	414,827	414,827	10.33

Table 4. Abridged Life Table by Male and Female for Taiwan, 1951

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.09604	100,000	9,604	93,456	5,310,133	53.10
1 — 4	0.04111	90,396	3,716	351,787	5,216,677	57.71
5 — 9	0.01696	86,680	1,470	429,725	4,864,890	56.12
10 — 14	0.01099	85,210	936	423,710	4,435,165	52.05
15 — 19	0.01079	84,274	909	419,098	4,011,455	47.60
20 — 24	0.01750	83,365	1,439	413,178	3,592,357	43.09
25 — 29	0.02305	81,906	1,888	404,810	3,179,179	38.81
30 — 34	0.02686	80,018	2,149	394,718	2,774,369	34.67
35 — 39	0.03366	77,869	2,621	382,792	2,379,651	30.56
40 — 44	0.04719	75,248	3,551	367,362	1,996,859	26.54
45 — 49	0.06553	71,697	4,698	346,740	1,629,497	22.73
50 — 54	0.08981	66,999	6,017	319,952	1,282,757	19.14
55 — 59	0.12462	60,982	7,600	285,910	962,805	15.79
60 — 64	0.18841	53,382	10,058	241,765	676,895	12.68
65 — 69	0.25348	43,324	10,982	189,165	435,130	10.04
70+	1.00000	32,342	32,342	245,965	245,965	7.60
Female						
0	0.08049	100,000	8,049	94,297	5,732,419	57.32
1 — 4	0.04026	91,951	3,702	358,153	5,638,122	61.32
5 — 9	0.01622	88,249	1,431	437,668	5,279,969	59.83
10 — 14	0.00906	86,818	786	432,125	4,842,301	55.78
15 — 19	0.00995	86,032	856	428,020	4,410,176	51.26
20 — 24	0.01618	85,176	1,378	422,435	3,982,156	46.75
25 — 29	0.02021	83,793	1,694	414,755	3,559,721	42.48
30 — 34	0.02598	82,104	2,133	405,188	3,144,966	38.30
35 — 39	0.03066	79,971	2,452	393,725	2,739,878	34.26
40 — 44	0.04264	77,519	3,305	379,332	2,346,153	30.26
45 — 50	0.04972	74,214	3,690	361,845	1,966,821	26.50
50 — 54	0.06304	70,524	4,446	341,505	1,604,976	22.76
55 — 59	0.08733	66,078	5,770	315,965	1,263,471	19.12
60 — 64	0.13150	60,303	7,930	281,715	947,506	15.71
65 — 69	0.17599	52,378	9,218	238,845	665,791	12.71
70+	1.00000	43,160	43,160	426,946	426,946	9.89

Table 5. Abridged Life Table by Male and Female for Taiwan, 1952

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
Male						
0	0.08082	100,000	8,082	94,139	5,649,723	56.50
1 — 4	0.03170	91,918	2,914	360,124	5,555,584	60.44
5 — 9	0.01549	89,004	1,379	441,572	5,195,460	58.37
10 — 14	0.00886	87,625	776	436,185	4,753,888	54.25
15 — 19	0.00881	86,849	765	452,332	4,317,703	49.72
20 — 24	0.01470	86,084	1,265	427,258	3,885,371	45.13
25 — 29	0.01913	84,819	1,622	420,040	3,458,113	40.77
30 — 34	0.02236	83,197	1,860	411,335	3,038,073	36.52
35 — 39	0.02803	81,337	2,280	400,985	2,626,738	32.29
40 — 44	0.03937	79,057	3,112	387,505	2,225,753	28.15
45 — 49	0.05301	75,945	4,026	369,660	1,838,248	24.20
50 — 54	0.07549	71,919	5,429	346,022	1,468,588	20.42
55 — 59	0.11198	66,490	7,446	313,835	1,122,566	16.88
60 — 64	0.16479	59,044	9,730	270,895	808,731	13.70
65 — 69	0.23432	49,314	11,555	217,682	537,836	10.91
70+	1.00000	37,759	37,759	320,154	320,154	8.48
Female						
0	0.06946	100,000	6,946	94,849	6,067,671	60.68
1 — 4	0.03232	93,054	3,008	364,428	5,972,822	64.19
5 — 9	0.01667	90,046	1,501	446,478	5,608,394	62.28
10 — 14	0.00777	88,545	688	441,005	5,161,916	58.30
15 — 19	0.00871	87,857	765	437,372	4,720,911	53.73
20 — 24	0.01406	87,092	1,224	432,400	4,283,539	49.18
25 — 29	0.01608	85,868	1,381	425,888	3,851,139	44.85
30 — 34	0.02124	84,487	1,794	417,950	3,425,251	40.54
35 — 39	0.02627	82,693	2,172	408,035	3,007,301	36.37
40 — 44	0.03328	80,521	2,680	395,905	2,599,266	32.28
45 — 49	0.04062	77,841	3,162	381,300	2,203,361	28.30
50 — 54	0.05110	74,679	3,816	363,855	1,822,061	24.40
55 — 59	0.07092	70,863	5,026	341,750	1,458,206	20.58
60 — 64	0.11912	65,837	7,842	309,580	1,116,456	16.96
65 — 69	0.15786	57,995	9,155	267,088	806,876	13.91
70+	1.00000	48,840	48,840	539,788	539,788	11.05

Table 6. Abridged Life Table by Male and Female for Taiwan, 1953

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.06798	100,000	6,798	94,820	5,829,905	58.30
1 — 4	0.02402	93,202	2,239	367,043	5,735,085	61.53
5 — 9	0.01228	90,963	1,117	452,022	5,368,042	59.01
10 — 14	0.00698	89,846	627	447,662	4,916,020	54.72
15 — 19	0.00792	89,219	707	444,328	4,468,358	50.08
20 — 24	0.01193	88,512	1,056	439,920	4,024,030	45.46
25 — 29	0.01524	87,456	1,333	433,948	3,584,110	40.98
30 — 34	0.01760	86,123	1,516	426,825	3,150,162	36.58
35 — 39	0.02408	00000	2,037	417,942	0000000	32.19
40 — 44	0.03758	82,570	3,103	405,092	2,723,395	27.92
45 — 49	0.05401	79,467	4,292	386,050	1,900,303	23.91
50 — 54	0.07090	75,175	5,570	361,950	1,513,698	20.14
55 — 59	0.11493	69,605	8,000	328,025	1,151,748	16.55
60 — 64	0.17285	61,605	10,648	281,405	823,723	13.37
65 — 69	0.24237	50,957	12,350	223,910	542,318	10.64
70+	1.00000	38,607	38,607	318,408	318,408	8.25
Female						
0	0.05916	100,000	5,916	95,430	6,235,350	62.35
1 — 4	0.02520	94,084	2,371	370,238	6,139,920	65.26
5 — 9	0.01287	91,713	1,180	455,615	5,769,682	62.91
10 — 14	0.00643	90,533	582	451,208	5,314,067	58.70
15 — 19	0.00757	89,950	681	448,048	4,862,859	54.06
20 — 24	0.01208	89,269	1,078	443,650	4,414,811	49.46
25 — 29	0.01351	88,191	1,191	437,978	3,971,161	45.03
30 — 34	0.01667	87,000	1,450	431,375	3,533,183	40.61
35 — 39	0.02403	85,550	2,056	422,610	3,101,808	36.26
40 — 44	0.02837	83,494	2,369	411,548	2,679,198	32.09
45 — 49	0.03967	81,125	3,218	397,580	2,267,650	27.95
50 — 54	0.05153	77,907	4,014	379,500	1,870,070	24.00
55 — 59	0.07318	73,893	5,403	355,958	1,490,570	20.17
60 — 64	0.11198	68,490	7,670	323,275	1,104,612	16.57
65 — 69	0.16310	60,820	9,920	279,300	811,337	13.34
70+	1.00000	50,900	50,900	532,037	532,037	10.45

Table 7. Abridged Life Table by Male and Female for Taiwan, 1954

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.06143	100,000	6,143	95,175	5,985,695	69.86
1 — 4	0.02017	93,857	1,893	370,635	5,890,520	62.76
5 — 9	0.00990	91,964	910	457,545	5,519,885	60.02
10 — 14	0.00558	91,054	508	454,000	5,062,340	55.60
15 — 19	0.00742	90,546	672	451,050	4,608,340	50.90
20 — 24	0.01134	89,874	1,019	446,822	4,157,290	46.26
25 — 29	0.13710	88,855	1,218	441,230	3,710,468	41.76
30 — 34	0.01775	87,637	1,556	434,295	3,269,238	37.30
35 — 39	0.02457	86,081	2,115	425,118	2,834,943	32.93
40 — 44	0.03134	83,966	2,631	413,252	2,409,825	28.70
45 — 49	0.05082	81,335	4,133	396,342	1,996,573	24.55
50 — 54	0.07279	77,202	5,620	371,960	1,600,231	20.73
55 — 59	0.10654	71,582	7,626	338,845	1,228,271	17.16
60 — 64	0.16110	63,956	10,303	294,022	889,426	13.91
65 — 69	0.22453	53,653	12,047	238,148	595,400	11.10
70+	1.00000	41,606	41,606	357,256	357,256	8.59
Female						
0	0.05308	100,000	5,308	95,803	6,416,244	64.16
1 — 4	0.02111	94,692	1,999	373,646	6,320,441	66.75
5 — 9	0.00941	92,693	872	461,285	5,946,795	64.16
10 — 14	0.00529	91,821	486	457,890	5,485,510	59.74
15 — 19	0.00668	91,335	610	455,150	5,027,620	55.04
20 — 24	0.01104	90,725	1,002	451,120	4,572,470	50.40
25 — 29	0.01242	89,723	1,114	445,830	4,121,350	45.93
30 — 34	0.01662	88,609	1,473	439,362	3,675,520	41.48
35 — 39	0.02124	87,136	1,851	431,052	3,236,158	37.14
40 — 44	0.02647	85,285	2,257	420,782	2,805,106	32.89
45 — 49	0.03618	83,028	3,004	407,630	2,384,324	28.72
50 — 54	0.04925	80,024	3,941	390,268	1,976,694	24.70
55 — 59	0.07442	76,083	5,662	366,260	1,586,426	20.85
60 — 64	0.10482	70,421	7,382	333,650	1,220,166	17.33
65 — 69	0.15727	63,093	9,914	290,410	886,516	14.06
70+	1.00000	53,125	53,125	596,106	596,106	11.22

Table 8. Abridged Life Table by Male and Female for Taiwan, 1955

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.05855	100,000	5,855	95,131	5,990,620	59.91
1 — 4	0.01851	94,145	1,743	372,182	5,895,489	62.62
5 — 9	0.00921	92,402	851	459,882	5,523,307	59.77
10 — 14	0.00598	91,551	547	456,388	5,063,425	55.31
15 — 19	0.00683	91,004	622	453,465	4,607,037	50.62
20 — 24	0.01035	90,382	935	449,572	4,153,572	45.96
25 — 29	0.01252	89,447	1,120	444,435	3,704,000	41.41
30 — 34	0.01711	88,327	1,511	437,858	3,259,565	36.90
35 — 39	0.02236	86,816	1,941	429,228	2,821,707	32.50
40 — 44	0.03109	84,875	2,639	417,778	2,392,479	28.19
45 — 49	0.04877	82,236	4,011	401,152	1,974,701	24.01
50 — 54	0.07298	78,225	5,709	376,852	1,573,549	20.12
55 — 59	0.11242	72,516	8,152	342,200	1,196,697	16.50
60 — 64	0.16915	64,364	10,887	294,602	854,497	13.28
65 — 69	0.24152	53,477	12,916	235,095	559,895	10.47
70+	1.00000	40,561	40,561	324,800	324,800	8.01
Female						
0	0.04906	100,000	4,906	96,061	6,502,692	65.03
1 — 4	0.01842	95,094	1,752	375,898	6,406,631	67.37
5 — 9	0.00906	93,342	846	464,595	6,030,733	64.61
10 — 14	0.00509	92,496	471	463,302	5,566,138	60.18
15 — 19	0.00583	92,025	536	458,785	5,104,836	55.47
20 — 24	0.00936	91,489	856	455,305	4,646,051	50.78
25 — 29	0.011980	90,633	1,086	450,450	4,190,746	46.24
30 — 34	0.01534	89,547	1,374	444,300	3,740,296	41.77
35 — 39	0.01952	88,173	1,721	436,562	3,295,996	37.38
40 — 44	0.02373	86,452	2,052	427,130	2,859,434	33.08
45 — 49	0.03410	84,400	2,878	414,805	2,432,304	28.82
50 — 54	0.04508	81,522	3,675	398,422	2,017,499	24.75
55 — 59	0.06567	77,847	5,112	376,455	1,619,077	20.80
60 — 64	0.10541	72,735	7,667	344,508	1,242,622	17.08
65 — 59	0.15923	65,068	10,361	299,438	898,114	13.80
70+	1.00000	54,707	54,707	598,676	598,676	10.94

Table 9. Abridged Life Table by Male and Female for Taiwan, 1956

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.05907	100,000	5,907	95,347	5,978,921	59.79
1 — 4	0.01881	94,093	1,770	371,903	5,883,574	62.53
5 — 9	0.00851	92,323	786	459,650	5,511,671	59.70
10 — 14	0.00563	91,537	515	456,398	5,052,021	55.19
15 — 19	0.00732	91,022	666	453,445	4,595,623	50.49
20 — 24	0.01238	90,356	1,119	448,982	4,142,178	45.84
25 — 29	0.01297	89,237	1,157	443,292	3,693,196	41.39
30 — 34	0.01691	88,080	1,489	436,678	3,249,904	36.90
35 — 39	0.02280	86,591	1,974	428,020	2,813,226	32.49
40 — 44	0.03158	84,617	2,672	416,405	2,385,206	28.19
45 — 49	0.04576	81,945	3,750	400,350	1,968,801	24.02
50 — 54	0.07139	78,195	5,582	377,020	1,568,451	20.06
55 — 59	0.10915	72,613	7,926	343,250	1,191,431	16.41
60 — 64	0.16750	64,687	10,835	296,348	848,181	13.11
65 — 69	0.24353	53,852	13,114	236,475	551,833	10.25
70+	1.00000	40,738	40,738	315,358	315,358	7.74
Female						
0	0.04625	100,000	4,625	96,248	6,541,268	65.41
1 — 4	0.01657	95,375	1,580	377,469	6,445,020	67.58
5 — 9	0.00717	93,795	672	467,295	6,067,551	64.69
10 — 14	0.00409	93,123	381	464,662	5,600,256	60.14
15 — 19	0.00608	92,742	564	462,300	5,135,594	55.38
20 — 24	0.00926	98,178	854	458,755	4,673,294	50.70
25 — 29	0.01158	91,324	1,058	453,975	4,214,539	46.15
30 — 34	0.01524	90,266	1,376	447,890	3,760,564	41.68
35 — 39	0.01942	88,890	1,726	440,135	3,312,674	37.27
40 — 44	0.02471	87,164	2,154	430,435	2,872,539	32.96
45 — 49	0.03012	85,010	2,560	418,650	2,442,104	28.73
50 — 54	0.04767	82,450	3,930	402,425	2,023,454	24.54
55 — 59	0.06295	78,520	4,943	380,242	1,621,029	20.64
60 — 60	0.10075	73,577	7,413	349,352	1,240,787	16.86
65 — 69	0.15978	66,164	10,572	304,392	891,435	13.47
70+	1.00000	55,598	55,593	587,043	587,043	10.56

Table 10. Abridged Life Table by Male and Female for Taiwan, 1957

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.05923	100,000	5,923	95,337	5,988,928	59.89
1 — 4	0.01890	94,077	1,778	371,817	5,893,591	62.65
5 — 9	0.00881	92,299	813	459,462	5,521,774	59.82
10 — 14	0.00539	91,486	493	456,198	5,062,312	55.33
15 — 19	0.00702	90,993	639	453,368	4,606,114	50.62
20 — 24	0.01302	90,354	1,176	448,830	4,152,746	45.96
25 — 29	0.01366	89,178	1,218	442,845	3,703,916	41.53
30 — 34	0.01662	87,960	1,462	436,145	3,261,071	37.07
35 — 39	0.21920	86,498	1,896	427,750	2,824,926	29.27
40 — 44	0.03022	84,602	2,557	416,618	2,397,176	28.33
45 — 49	0.04437	82,045	3,640	401,125	1,980,558	24.14
50 — 54	0.72146	78,405	5,656	377,885	1,579,433	20.14
55 — 59	0.10969	72,749	7,980	343,795	1,201,548	16.52
60 — 64	0.16123	64,769	10,443	297,722	857,753	13.24
65 — 69	0.24785	54,320	13,436	237,942	560,031	10.31
70+	1.00000	40,857	40,857	322,089	322,089	7.88
Female						
0	0.04716	100,000	4,716	96,187	6,502,423	65.02
1 — 4	0.01717	95,284	1,636	376,960	6,406,236	67.23
5 — 9	0.00822	93,648	770	466,315	6,029,276	64.38
10 — 14	0.00379	92,878	352	466,510	5,562,961	59.90
15 — 19	0.00678	92,526	586	461,165	6,099,451	55.11
20 — 24	0.00951	91,940	874	457,515	4,638,286	50.45
25 — 24	0.01149	91,066	1,046	452,715	4,180,771	45.91
30 — 34	0.01381	90,020	1,243	446,992	3,728,056	41.41
35 — 39	0.01967	88,777	1,746	439,520	3,281,064	36.96
40 — 44	0.02398	87,031	2,087	429,938	2,841,544	32.65
45 — 49	0.03100	84,944	2,633	418,138	2,411,606	28.39
50 — 54	0.04710	82,311	3,877	401,862	1,993,468	24.22
55 — 59	0.66766	78,434	5,236	379,080	1,591,606	20.29
60 — 64	0.10730	73,198	7,854	346,355	1,212,526	16.56
65 — 69	0.17159	65,344	11,212	298,690	866,171	13.26
70+	1.00000	54,132	54,132	567,481	567,481	10.48

Table 11. Abridged Life Table by Male and Female for Taiwan, 1958

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.05567	100,000	5,567	95,749	6,126,549	61.26
1 — 4	0.01684	94,433	1,590	373,733	6,030,800	63.86
5 — 9	0.00727	92,843	675	462,528	5,657,067	60.93
10 — 14	0.00489	92,168	451	459,712	5,194,539	56.36
15 — 19	0.00702	91,717	644	456,975	4,734,827	51.62
20 — 24	0.01262	91,073	1,149	452,492	4,277,852	46.97
25 — 29	0.01213	89,924	1,091	446,892	3,825,360	42.54
30 — 34	0.01519	88,833	1,349	440,792	3,378,468	38.03
35 — 39	0.02114	87,484	1,849	432,798	2,937,676	33.58
40 — 44	0.03051	85,635	2,613	421,642	2,504,878	29.25
45 — 49	0.04042	83,022	3,356	406,720	2,083,236	25.09
50 — 54	0.06596	79,666	5,255	376,925	1,676,516	21.04
55 — 59	0.10283	74,411	7,652	352,925	1,299,591	17.46
60 — 64	0.15474	66,759	10,330	307,970	946,666	14.18
65 — 69	0.22973	56,429	12,963	249,738	638,696	11.32
70+	1.00000	43,466	43,466	388,958	366,958	8.95
Female						
0	0.04240	100,000	4,240	96,511	6,721,606	67.22
1 — 4	0.01403	95,760	1,344	379,619	6,625,095	69.18
5 — 9	0.00643	94,416	607	470,562	6,245,476	64.15
10 — 14	0.00384	93,809	360	468,145	5,774,914	61.56
15 — 19	0.00618	93,449	578	465,800	5,306,769	56.79
20 — 24	0.00832	92,871	773	462,422	4,840,969	52.12
25 — 29	0.00896	92,098	825	458,428	4,378,547	47.54
30 — 34	0.01317	91,273	1,202	453,360	3,920,119	42.95
35 — 39	0.01657	90,071	1,892	446,625	3,466,759	38.49
40 — 44	0.02222	88,579	1,968	437,975	3,020,134	34.10
45 — 49	0.02676	86,611	2,318	427,260	2,582,159	29.81
50 — 54	0.04484	84,293	3,780	412,015	2,154,899	25.56
55 — 59	0.06215	80,513	5,004	390,055	1,742,884	21.65
60 — 64	0.09488	75,509	7,164	359,635	1,352,829	17.92
65 — 69	0.15079	68,345	10,306	315,960	993,194	14.53
70+	1.00000	58,039	58,039	677,234	677,234	11.67

Table 12. Abridged Life Table by Male and Female for Taiwan, 1959

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.05256	100,000	5,256	95,762	6,180,111	61.80
1 — 4	0.15050	94,744	1,426	375,403	6,084,349	64.22
5 — 9	0.00698	93,318	651	464,962	5,708,946	61.18
10 — 14	0.00469	92,667	435	462,248	5,243,984	56.59
15 — 19	0.00707	92,232	652	459,530	4,781,736	51.84
20 — 24	0.01030	91,580	943	455,542	4,322,206	47.20
25 — 29	0.01134	90,637	1,028	450,615	3,866,644	42.66
30 — 34	0.01514	89,609	1,357	444,652	3,416,049	38.12
35 — 39	0.02036	88,252	1,797	436,768	2,971,397	33.67
40 — 44	0.02857	86,455	2,470	426,100	2,534,629	29.32
45 — 49	0.03888	83,985	3,265	411,762	2,178,529	25.10
50 — 54	0.06286	80,720	5,074	390,915	1,696,767	21.72
55 — 59	0.10070	75,646	7,618	359,185	1,305,852	17.26
60 — 64	0.15195	68,028	10,337	314,298	946,667	13.92
65 — 69	0.22670	57,691	13,078	255,760	632,369	10.96
70 — 74	0.32210	44,613	14,370	187,140	376,609	8.44
75 — 79	0.45923	30,243	13,888	116,495	189,469	6.26
80+	1.00000	16,355	16,355	72,974	72,974	4.46
Female						
0	0.04142	100,000	4,142	96,580	6,671,535	66.72
1 — 4	0.01339	95,858	1,284	380,166	6,574,955	68.59
5 — 9	0.00578	94,574	547	471,502	6,194,789	65.50
10 — 14	0.00359	94,027	338	469,290	5,723,287	60.87
15 — 19	0.00608	93,689	570	467,020	5,253,997	56.08
20 — 24	0.00906	93,119	844	463,485	4,786,977	51.41
25 — 29	0.01015	92,275	936	459,035	4,323,492	46.85
30 — 34	0.01277	91,339	1,166	453,780	3,864,457	42.31
35 — 39	0.01613	90,173	1,454	447,230	3,410,677	37.82
40 — 44	0.01987	88,719	1,758	439,200	2,963,447	33.40
45 — 49	0.02593	86,961	2,255	429,168	2,524,247	29.03
50 — 54	0.04042	84,706	3,424	414,970	2,095,079	24.73
55 — 59	0.06328	81,282	5,144	393,550	1,680,109	20.67
60 — 64	0.09625	76,138	7,328	362,370	1,286,559	16.90
65 — 69	0.15071	68,810	10,370	318,125	924,189	13.43
70 — 74	0.22167	58,440	12,954	259,815	606,064	10.37
75 — 79	0.34588	45,486	15,733	188,098	346,249	7.61
80+	1.00000	29,753	29,753	158,151	158,151	5.32

Table 13. Abridged Life Table by Male and Female for Taiwan, 1960

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.05207	100,000	5,207	95,794	6,179,824	61.80
1 — 4	0.01476	94,793	1,399	375,669	6,084,030	64.18
5 — 9	0.00613	93,394	572	465,540	5,708,361	61.12
10 — 14	0.00459	92,822	426	463,045	5,242,821	56.48
15 — 19	0.00678	92,396	626	460,415	4,779,776	51.73
20 — 24	0.01084	91,770	995	456,362	4,319,361	47.07
25 — 29	0.01203	90,775	1,092	451,145	3,862,699	42.56
30 — 34	0.01500	89,683	1,345	445,052	3,411,854	38.04
35 — 39	0.02011	88,338	1,776	437,250	2,966,802	33.58
40 — 44	0.02871	86,562	2,485	426,598	2,529,552	29.22
45 — 49	0.03802	84,077	3,197	412,392	2,102,954	25.01
50 — 54	0.06417	80,880	5,190	391,425	1,690,562	20.90
55 — 59	0.10143	75,690	7,677	359,258	1,299,137	17.16
60 — 64	0.14687	68,013	9,989	315,092	939,879	13.82
65 — 69	0.22839	58,024	13,252	256,990	624,787	10.77
70 — 74	0.33058	44,772	14,801	186,858	367,797	8.21
75 — 79	0.46279	29,971	13,870	115,180	180,939	6.04
80+	1.00000	16,101	16,101	65,759	65,759	4.08
Female						
0	0.03998	100,000	3,998	96,681	6,707,488	67.07
1 — 4	0.01249	96,002	1,199	380,962	6,610,807	68.76
5 — 9	0.00509	94,803	482	472,810	6,229,845	65.71
10 — 14	0.00329	94,321	310	470,830	5,757,035	61.04
15 — 19	0.00628	94,011	590	468,580	5,286,205	56.23
20 — 24	0.00891	93,421	832	465,025	4,817,625	51.57
25 — 29	0.00970	92,589	898	460,700	4,352,600	47.01
30 — 34	0.01213	91,691	1,112	455,675	3,891,900	42.44
35 — 39	0.01519	90,579	1,376	449,455	3,436,225	37.94
40 — 44	0.01991	89,203	1,776	441,575	2,986,770	33.48
45 — 49	0.02496	87,427	2,182	431,680	2,545,195	29.11
50 — 54	0.03922	85,245	3,343	417,868	2,113,515	24.79
55 — 59	0.06016	81,902	4,927	397,192	1,695,647	20.70
60 — 64	0.09365	76,975	7,209	366,852	1,398,455	16.87
65 — 69	0.15002	69,766	10,466	322,665	931,603	13.35
70 — 74	0.23541	59,300	13,960	261,600	608,938	10.27
75 — 79	0.35795	45,340	16,229	186,326	347,338	5.66
80+	1.00000	29,111	29,111	161,012	161,012	5.53

Table 14. Abridged Life Table by Male and Female for Taiwan, 1961

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	$n d_x$	nL_x	T_x	${}^o e_x$
Male						
0	0.05005	100,000	5,005	95,928	6,226,258	62.26
1 — 4	0.01381	94,995	1,312	376,704	6,130,330	64.53
5 — 9	0.00598	93,683	560	467,014	5,753,626	61.42
10 — 14	0.00429	93,123	399	464,614	5,286,612	56.77
15 — 19	0.00708	92,724	656	461,974	4,821,998	52.00
20 — 24	0.01060	92,068	976	457,894	4,360,024	47.36
25 — 29	0.01154	91,092	1,051	452,827	3,902,130	42.84
30 — 34	0.01421	90,041	1,279	447,002	3,449,303	38.31
35 — 39	0.01859	88,762	1,650	439,679	3,002,301	33.82
40 — 44	0.02730	87,112	2,378	429,608	2,562,622	29.42
45 — 49	0.03811	84,734	3,229	415,589	2,133,014	25.17
50 — 54	0.06351	81,505	5,176	394,573	1,717,425	21.07
55 — 59	0.09866	76,329	7,531	362,805	1,322,852	17.33
60 — 64	0.15264	68,798	10,501	317,725	960,047	13.96
65 — 69	0.22195	58,297	12,939	259,125	642,322	11.02
70 — 74	0.32326	45,358	14,662	190,124	383,197	8.45
75 — 79	0.44969	30,696	13,804	118,963	193,073	6.29
80+	1.00000	16,892	16,892	74,110	74,110	4.39
Female						
0	0.03821	100,000	3,821	96,808	6,772,021	67.72
1 — 4	0.01156	96,179	1,112	381,895	6,675,213	69.40
5 — 9	0.00534	95,067	508	474,069	6,293,318	66.20
10 — 14	0.00320	94,559	302	472,045	5,819,249	61.54
15 — 19	0.00573	94,257	540	469,938	5,347,204	56.73
20 — 24	0.00782	93,717	773	466,754	4,877,266	52.04
25 — 29	0.00921	92,984	856	462,780	4,410,512	47.43
30 — 34	0.01124	92,128	1,036	458,050	3,947,732	42.85
35 — 39	0.01455	91,092	1,325	452,147	3,489,682	38.31
40 — 44	0.01938	89,767	1,740	444,485	3,037,535	33.84
45 — 49	0.02506	88,027	2,206	434,622	2,593,050	29.46
50 — 54	0.03787	85,821	3,250	420,982	2,158,428	25.15
55 — 59	0.05865	82,571	4,843	400,748	1,737,446	21.04
60 — 64	0.09233	77,728	7,177	370,699	1,336,698	17.20
65 — 69	0.13732	70,551	9,688	328,537	965,999	13.69
70 — 74	0.22295	60,863	13,569	270,393	637,462	10.47
75 — 79	0.34656	47,294	16,390	195,495	367,069	7.76
80+	1.00000	30,904	30,904	171,574	171,574	5.55

Table 15. Abridged Life Table by Male and Female for Taiwan, 1962

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	nd_x	nL_x	T_x	e_x
Male						
0	0.04935	100,000	4,935	95,975	6,261,974	62.62
1 — 4	0.01349	95,065	1,282	377,059	6,165,999	64.86
5 — 9	0.00593	93,783	556	467,521	5,788,940	61.73
10 — 14	0.00409	93,227	381	465,175	5,321,419	57.08
15 — 19	0.00742	92,846	689	462,498	4,856,244	52.31
20 — 24	0.01025	92,157	945	458,413	4,393,746	47.68
25 — 29	0.01104	91,212	1,007	453,533	3,935,333	43.15
30 — 34	0.01450	90,205	1,308	477,744	3,481,800	38.60
35 — 39	0.01942	88,897	1,726	440,157	3,034,056	34.13
40 — 44	0.02520	87,171	2,197	430,347	2,593,899	29.76
45 — 49	0.03705	84,974	3,148	416,984	2,163,552	25.46
50 — 54	0.06007	81,826	4,915	396,824	1,746,568	21.35
55 — 59	0.09324	76,911	7,171	366,609	1,349,744	17.55
60 — 64	0.14536	69,740	10,137	323,339	983,135	14.10
65 — 69	0.21726	59,603	12,949	265,625	659,796	11.07
70 — 74	0.32823	46,654	15,313	194,974	394,171	8.45
75 — 79	0.44402	31,341	13,916	121,906	199,197	6.36
80+	1.00000	17,423	17,423	77,291	77,291	4.44
Female						
0	0.03697	100,000	3,697	96,898	6,789,402	67.89
1 — 4	0.01090	96,303	1,050	382,551	6,692,504	69.49
5 — 9	0.00504	95,253	480	475,069	6,309,953	66.24
10 — 14	0.00295	94,773	279	473,171	5,834,884	61.57
15 — 19	0.00583	94,495	551	471,094	5,361,713	56.74
20 — 24	0.00852	93,944	800	467,716	4,890,619	52.06
25 — 29	0.00792	93,144	738	463,871	4,422,903	47.48
30 — 34	0.01090	92,406	1,007	459,510	3,959,032	42.84
35 — 39	0.01332	91,399	1,217	453,950	3,499,522	38.28
40 — 44	0.01913	90,182	1,725	446,594	3,045,572	33.77
45 — 49	0.02506	88,457	2,217	436,739	2,598,978	29.38
50 — 54	0.03609	86,240	3,112	423,418	2,162,239	25.07
55 — 59	0.05875	83,128	4,884	403,428	1,738,821	20.92
60 — 64	0.09118	78,244	7,134	373,382	1,335,393	17.07
65 — 69	0.14181	71,110	10,084	330,337	962,011	13.53
70 — 74	0.22544	61,022	13,758	270,734	631,674	10.35
75 — 79	0.34993	47,268	16,540	194,989	360,940	7.64
80+	1.00000	30,728	30,728	165,951	165,951	5.40

Table 16. Abridged Life Table by Male and Female for Taiwan, 1963

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.04714	100,000	4,714	96,125	6,324,985	63.25
1 — 4	0.01247	95,286	1,188	378,187	6,228,860	65.37
5 — 9	0.00549	94,098	516	469,200	5,850,673	62.18
10 — 14	0.00399	93,582	373	466,975	5,381,473	57.51
15 — 19	0.00668	93,209	623	464,484	4,914,497	52.73
20 — 24	0.00936	92,586	867	460,761	4,040,014	48.06
25 — 29	0.01134	91,719	1,040	455,994	3,989,253	43.49
30 — 34	0.01399	90,679	1,266	450,229	3,533,259	38.96
35 — 39	0.01756	89,413	1,570	443,140	3,083,030	34.48
40 — 44	0.02598	87,843	2,282	433,509	2,639,890	30.05
45 — 49	0.03030	85,561	3,339	419,454	2,206,381	25.79
50 — 54	0.05325	82,222	4,378	400,159	1,786,927	21.73
55 — 59	0.09018	77,844	7,020	371,665	1,386,768	17.81
60 — 64	0.14293	70,823	10,123	328,808	1,015,103	14.33
65 — 69	0.21057	60,700	12,782	271,547	686,295	11.31
70 — 74	0.31955	47,918	15,312	201,311	414,748	8.66
75 — 79	0.43776	32,606	14,274	127,346	213,437	6.55
80+	1.00000	18,332	18,332	86,091	86,091	4.70
Female						
0	0.03556	100,000	3,556	97,001	6,830,855	68.31
1 — 4	0.01016	96,444	980	383,293	6,733,858	69.82
5 — 9	0.00449	95,464	429	476,250	6,350,565	66.52
10 — 14	0.00305	95,035	290	474,454	5,874,315	61.81
15 — 19	0.00514	94,745	487	472,513	5,399,861	56.99
20 — 24	0.00752	94,258	709	469,523	4,927,348	52.27
25 — 29	0.00842	93,549	788	465,782	4,457,825	47.65
30 — 34	0.01040	92,761	965	461,401	3,992,043	43.04
35 — 39	0.01421	91,796	1,304	455,729	3,530,642	38.46
40 — 44	0.01756	90,492	1,589	448,497	3,074,913	33.98
45 — 49	0.02623	88,903	2,332	438,695	2,626,416	29.54
50 — 54	0.03609	86,571	3,124	425,055	2,187,721	25.27
55 — 59	0.05439	83,447	4,539	405,898	1,762,666	21.12
60 — 64	0.08839	78,908	6,975	377,114	1,356,768	17.19
65 — 69	0.13806	71,933	9,931	334,848	979,654	13.62
70 — 74	0.22607	62,002	14,017	274,976	644,806	10.40
75 — 79	0.33437	47,985	16,045	199,820	369,830	7.71
80+	1.00000	31,940	31,940	170,010	170,010	5.32

Table 17. Abridged Life Table by Male and Female for Taiwan, 1964

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	nd_x	nL_x	T_x	e_x
Male						
0	0.04508	100,000	4,508	96,268	6,374,631	63.75
1 — 4	0.01152	95,492	1,100	379,237	6,278,363	65.75
5 — 9	0.00449	94,392	424	470,901	5,899,126	62.50
10 — 14	0.00349	93,968	328	469,020	5,428,225	57.77
15 — 19	0.00648	93,640	607	466,682	4,969,205	52.96
20 — 24	0.00995	93,033	926	462,850	4,492,523	48.29
25 — 29	0.01094	92,107	1,008	458,014	4,029,673	43.75
30 — 34	0.01292	91,099	1,177	452,551	3,571,659	39.21
35 — 39	0.01834	89,922	1,649	445,484	3,119,108	34.69
40 — 44	0.02520	88,272	2,224	435,799	2,673,624	30.29
45 — 49	0.03783	86,048	3,255	422,100	2,237,825	26.01
50 — 54	0.05458	82,793	4,519	402,662	1,815,725	21.93
55 — 59	0.08866	78,274	6,940	374,019	1,413,059	18.05
60 — 64	0.14137	71,334	10,084	331,457	1,039,040	14.57
65 — 69	0.20432	61,250	12,515	274,961	707,583	11.55
70 — 74	0.31445	48,735	15,325	205,363	432,622	8.88
75 — 79	0.42220	33,410	14,106	131,787	227,259	6.80
80+	1.00000	19,304	19,304	95,472	95,472	4.95
Female						
0	0.03304	100,000	3,304	97,189	6,923,364	69.23
1 — 4	0.00882	96,696	853	384,627	6,826,175	70.59
5 — 9	0.00349	95,843	334	478,379	6,441,548	67.21
10 — 14	0.00250	95,509	239	476,945	5,963,169	62.44
15 — 19	0.00499	95,270	475	475,161	5,486,224	57.59
20 — 24	0.00698	94,795	662	472,319	5,011,063	52.86
25 — 29	0.00847	94,132	797	468,673	4,538,744	48.22
30 — 34	0.00995	93,336	929	464,357	4,070,071	43.61
35 — 39	0.01243	92,407	1,149	459,163	3,605,714	39.02
40 — 44	0.01736	91,258	1,584	452,331	3,146,551	34.48
45 — 49	0.02276	89,674	2,041	443,268	2,694,220	30.04
50 — 54	0.03347	87,633	2,933	430,833	2,250,952	25.69
55 — 59	0.05410	84,700	4,582	412,043	1,820,119	21.49
60 — 64	0.08820	80,118	7,066	382,919	1,408,076	17.58
65 — 69	0.13745	73,052	10,041	340,150	1,025,157	14.03
70 — 74	0.21718	63,011	13,685	280,837	685,007	10.87
75 — 79	0.33258	49,326	16,405	205,614	404,170	8.19
80+	1.00000	32,921	32,921	198,556	198,556	6.03

Table 18. Abridged Life Table by Male and Female for Taiwan, 1965

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.04258	100,000	4,256	96,445	6,451,969	64.52
1 — 4	0.01035	95,744	991	380,521	6,355,524	66.38
5 — 9	0.00399	94,753	378	472,817	5,975,003	63.06
10 — 14	0.00349	94,375	329	471,046	5,502,186	58.30
15 — 19	0.00598	94,046	562	468,815	5,031,140	53.50
20 — 24	0.00946	93,484	884	465,197	4,562,325	48.80
25 — 29	0.01094	92,598	1,013	460,453	4,097,128	44.25
30 — 34	0.01243	91,585	1,138	455,074	3,636,675	39.71
35 — 39	0.01687	90,447	1,526	448,414	3,181,601	35.18
40 — 44	0.02374	88,921	2,111	439,324	2,733,187	30.74
45 — 49	0.03638	86,809	3,158	426,152	2,293,863	26.42
50 — 54	0.05220	83,652	4,367	407,340	1,867,711	22.33
55 — 59	0.08820	79,285	6,993	378,940	1,460,371	18.42
60 — 64	0.13789	72,292	9,968	336,537	1,081,431	14.96
65 — 69	0.19658	62,324	12,252	280,987	744,894	11.95
70 — 74	0.29767	50,072	14,905	213,095	463,907	9.26
75 — 79	0.40417	35,167	14,213	140,299	250,812	7.13
80+	1.00000	20,954	20,954	110,513	110,513	5.27
Female						
0	0.03083	100,000	3,083	97,356	6,998,278	69.98
1 — 4	0.00767	96,917	743	385,790	6,900,922	71.20
5 — 9	0.00349	96,174	336	480,028	6,515,132	67.74
10 — 14	0.00250	95,838	240	478,589	6,035,104	62.97
15 — 19	0.00449	95,598	429	476,917	5,556,515	58.12
20 — 24	0.00648	95,169	617	474,302	5,079,598	53.37
25 — 29	0.00747	94,552	706	470,993	4,605,296	48.71
30 — 34	0.00946	93,460	888	467,007	4,134,303	44.05
35 — 39	0.01094	92,958	1,017	462,245	3,667,296	39.45
40 — 44	0.01583	91,941	1,460	456,050	3,205,051	34.86
45 — 49	0.02276	90,481	2,059	447,252	2,749,001	30.38
50 — 54	0.03299	88,422	2,917	434,812	2,301,749	26.03
55 — 59	0.05077	85,505	4,341	416,666	1,866,937	21.83
60 — 64	0.08498	81,164	6,897	388,569	1,450,271	17.87
65 — 69	0.13044	74,267	9,687	347,106	1,061,702	14.30
70 — 74	0.21638	64,580	13,974	287,954	714,596	11.07
75 — 79	0.32218	50,606	16,304	212,262	426,642	8.43
80+	1.00000	34,302	34,300	214,380	2,214,380	6.25

Table 19. Abridged Life Table by Male and Female for Taiwan, 1966

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	$n d_x$	nL_x	T_x	${}^o e_x$
Male						
0	0.04422	100,000	4,422	96,328	6,414,278	64.14
1 — 4	0.01112	95,578	1,063	379,674	6,317,950	66.10
5 — 9	0.00449	94,515	424	471,513	5,938,276	62.83
10 — 14	0.00349	94,091	328	469,630	5,466,763	58.10
15 — 19	0.00648	93,763	608	467,289	4,997,133	53.30
20 — 24	0.00995	93,155	927	463,451	4,529,844	48.63
25 — 29	0.01144	92,228	1,055	458,495	4,066,393	44.09
30 — 34	0.01243	91,173	1,533	453,025	3,607,898	39.57
35 — 39	0.01687	90,040	1,519	446,395	3,154,873	35.04
40 — 44	0.02423	88,521	2,145	437,237	2,708,478	30.60
45 — 49	0.03638	86,376	3,142	424,021	2,271,241	26.30
50 — 54	0.05220	83,234	4,345	405,303	1,847,220	22.19
55 — 59	0.08452	78,889	6,668	377,771	1,441,917	18.28
60 — 64	0.13483	72,221	9,738	336,757	1,064,146	14.73
65 — 69	0.20795	62,483	12,993	279,930	727,389	11.64
70 — 74	0.30020	49,490	14,857	210,305	447,459	9.04
75 — 79	0.42070	34,633	14,570	136,739	237,154	6.85
80+	1.00000	20,063	20,063	100,415	100,415	5.01
Female						
0	0.03145	100,000	3,145	97,309	6,964,146	69.68
1 — 4	0.00799	96,855	774	385,465	6,870,837	70.94
5 — 9	0.00349	96,081	335	479,567	6,485,372	67.50
10 — 14	0.00250	95,746	239	478,130	6,005,805	62.73
15 — 19	0.00449	95,507	429	476,460	5,527,675	57.88
20 — 24	0.00648	95,078	616	473,847	5,051,215	53.13
25 — 29	0.00698	94,461	659	470,659	4,577,368	48.46
30 — 34	0.00946	93,802	887	466,794	4,106,709	43.78
35 — 39	0.01193	92,915	1,108	461,803	3,639,916	39.17
40 — 44	0.01736	91,807	1,594	455,046	3,178,113	34.62
45 — 49	0.02178	90,213	1,965	446,150	2,723,067	30.19
50 — 54	0.03347	88,248	2,954	433,853	2,276,917	25.80
55 — 59	0.05030	85,294	4,290	415,743	1,843,064	21.61
60 — 64	0.08682	81,004	7,033	387,435	1,427,321	17.62
65 — 69	0.13658	73,971	10,103	344,595	1,039,886	14.06
70 — 74	0.21718	63,868	13,871	284,662	695,391	10.89
75 — 79	0.32636	49,997	16,317	209,193	410,629	8.21
80+	1.00000	33,680	33,680	201,436	201,436	5.98

Table 20. Abridged Life Table by Male and Female for Taiwan, 1967

Age Group (Years)	Probability of a Person Age x Dying Before Age $x+n$	Survivors at Exact Age x	Number of Deaths Between Age x and Age $x+n$	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to $x+n$	at Ages x and Over	
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}_e_x$
Male						
0	0.04336	100,000	4,336	96,389	6,422,045	64.22
1 — 4	0.01072	95,664	1,026	380,114	6,325,656	66.12
5 — 9	0.00479	94,638	453	472,057	5,945,542	62.82
10 — 14	0.00364	94,185	343	470,066	5,473,485	58.11
15 — 19	0.00623	93,842	585	467,745	5,003,419	53.32
20 — 24	0.00862	93,257	804	464,274	4,535,674	48.64
25 — 29	0.01050	92,453	971	459,839	4,071,400	44.04
30 — 34	0.01258	91,482	1,151	454,536	3,611,561	39.48
35 — 39	0.01711	90,331	1,546	447,794	3,157,025	34.95
40 — 44	0.02418	88,785	2,147	438,563	2,709,231	30.51
45 — 49	0.03691	86,638	3,198	425,203	2,270,668	26.21
50 — 54	0.05382	83,440	4,491	405,981	1,845,465	22.12
55 — 59	0.08235	79,949	6,501	378,499	1,439,484	18.23
60 — 64	0.13479	72,448	9,765	337,832	1,060,985	14.64
65 — 69	0.20638	62,683	12,936	281,077	723,153	11.54
70 — 74	0.30353	49,747	15,100	210,986	442,076	8.89
75 — 79	0.43269	34,647	14,991	135,757	231,090	6.67
80+	1.00000	19,656	19,656	95,333	95,333	4.85
Female						
0	0.03031	100,000	3,031	97,396	6,964,765	69.65
1 — 4	0.00748	96,969	725	386,046	6,867,369	70.82
5 — 9	0.00359	96,244	346	480,356	6,481,323	67.34
10 — 14	0.00260	95,898	249	478,869	6,000,967	62.58
15 — 19	0.00414	95,649	396	477,256	5,522,098	57.73
20 — 24	0.00588	95,253	560	474,864	5,044,842	52.96
25 — 29	0.00683	94,693	647	471,846	4,569,978	48.26
30 — 34	0.00867	94,046	815	468,192	4,098,132	43.58
35 — 39	0.01164	93,231	1,085	463,442	3,629,940	38.93
40 — 44	0.01633	92,146	1,505	456,969	3,166,498	34.36
45 — 49	0.02246	90,641	2,036	448,117	2,709,529	29.89
50 — 54	0.03488	88,605	3,090	435,301	2,261,412	25.52
55 — 59	0.04772	85,515	4,081	417,373	1,826,111	21.35
60 — 64	0.08646	81,434	7,041	389,569	1,408,738	17.30
65 — 69	0.13723	74,393	10,209	346,445	1,019,169	13.70
70 — 74	0.23217	64,184	14,902	283,668	672,724	10.48
75 — 79	0.34100	49,282	16,805	204,400	389,056	7.89
80+	1.00000	32,477	32,477	184,656	184,656	5.69

Table 21. Abridged Life Table by Male and Female for Taiwan, 1968

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
Male						
0	0.04338	100,000	4,338	96,387	6,395,448	63.95
1 — 4	0.01073	95,662	1,026	380,104	6,299,061	65.85
5 — 9	0.00399	94,636	378	472,231	5,918,957	62.54
10 — 14	0.00349	94,258	329	470,463	5,446,726	57.79
15 — 19	0.00653	93,929	613	468,106	4,976,263	52.98
20 — 24	0.00911	93,316	850	464,447	4,508,157	48.31
25 — 29	0.01060	92,466	980	459,872	4,043,710	43.73
30 — 34	0.01277	91,486	1,168	454,500	3,583,838	39.17
35 — 39	0.01746	90,318	1,577	447,637	3,129,338	34.65
40 — 44	0.02476	88,741	2,197	438,201	2,681,701	30.22
45 — 49	0.03546	86,544	3,069	425,036	2,243,500	25.92
50 — 54	0.05586	83,475	4,663	405,707	1,818,464	21.79
55 — 59	0.08046	78,812	6,341	378,197	1,412,757	17.93
60 — 64	0.14024	72,471	10,163	336,937	1,034,560	14.28
65 — 69	0.20912	62,308	13,030	278,959	697,623	11.20
70 — 74	0.32018	49,278	15,778	206,938	418,667	8.50
75 — 79	0.46279	33,500	15,503	128,737	211,729	9.32
80+	1.00000	17,997	17,997	82,992	82,992	4.61
Female						
0	0.05913	100,000	2,913	97,887	6,973,771	69.74
1 — 4	0.00704	97,087	684	386,622	6,876,284	70.83
5 — 9	0.00349	96,403	336	481,174	6,489,662	67.32
10 — 14	0.00255	96,067	245	479,720	6,008,488	62.55
15 — 19	0.00394	95,822	378	478,164	5,528,768	57.70
20 — 24	0.00559	95,444	534	475,887	5,050,604	52.92
25 — 29	0.00668	94,910	634	472,969	4,574,717	48.20
30 — 34	0.00871	94,276	821	469,330	4,101,748	43.51
35 — 39	0.01090	93,455	1,019	464,730	3,632,418	38.87
40 — 44	0.01475	92,436	1,363	458,776	3,167,688	34.27
45 — 49	0.02354	91,073	2,144	450,007	2,708,912	29.74
50 — 54	0.03647	88,929	3,243	436,539	2,258,905	25.40
55 — 59	0.04887	85,686	4,187	417,962	1,822,366	21.27
60 — 64	0.08848	81,499	7,211	389,467	1,404,404	17.23
65 — 69	0.13876	74,288	10,308	345,669	1,014,937	13.66
70 — 74	0.23303	63,980	14,909	282,625	669,268	10.46
76 — 79	0.34747	49,071	17,051	202,726	386,643	7.88
80+	1.00000	32,020	32,020	183,917	183,917	5.74

Table 22. Abridged Life Table by Male and Female for Taiwan, 1969

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Yerrs of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
Male						
0	0.04109	100,000	4,109	96,551	6,512,111	65.12
1 — 4	0.00967	95,891	927	381,273	6,415,560	66.90
5 — 9	0.00404	94,964	384	473,860	6,034,287	63.54
10 — 14	0.00324	94,580	306	472,135	5,560,427	58.79
15 — 19	0.00613	94,274	578	469,925	5,088,292	53.97
20 — 24	0.00861	93,696	807	466,462	4,618,367	49.29
25 — 29	0.01084	92,889	1,007	461,928	4,151,905	44.70
30 — 34	0.01243	91,882	1,142	456,555	3,689,977	40.16
35 — 39	0.01622	90,740	1,490	449,975	3,233,422	35.63
40 — 44	0.02217	89,250	1,979	441,302	2,783,447	31.19
45 — 49	0.03395	87,271	2,959	428,958	2,342,145	26.84
50 — 54	0.05395	84,312	4,481	410,358	1,913,187	22.69
55 — 59	0.07489	79,831	5,978	384,210	1,502,829	18.82
60 — 64	0.12767	73,853	9,429	345,692	1,118,619	15.15
65 — 69	0.19552	64,424	12,596	290,630	772,927	12.00
70 — 74	0.28658	51,828	14,853	222,008	482,297	9.30
75 — 79	0.42106	36,975	15,569	145,953	260,289	7.04
80+	1.00000	21,406	21,406	114,336	114,336	5.34
Female						
0	0.02768	100,000	2,768	97,600	7,076,901	70.77
1 — 4	0.00650	97,332	632	387,335	6,979,301	71.78
5 — 9	0.00274	96,600	265	482,338	6,591,966	68.24
10 — 14	0.00229	96,335	221	481,122	6,109,628	63.42
15 — 19	0.00374	96,114	359	479,672	5,628,506	58.56
20 — 24	0.00548	95,755	525	477,462	5,148,834	53.77
25 — 29	0.00613	95,230	584	474,690	4,671,372	49.05
30 — 34	0.00832	94,646	787	471,262	4,196,682	44.34
35 — 39	0.01060	93,859	995	466,808	3,725,420	39.69
40 — 44	0.01529	92,864	1,420	460,770	3,258,612	35.09
45 — 49	0.02212	91,444	2,023	452,162	2,797,842	30.60
50 — 54	0.03396	89,421	3,002	439,512	2,345,680	26.26
55 — 59	0.04576	86,384	3,953	422,038	1,906,168	22.07
60 — 64	0.08341	82,431	6,876	394,965	1,484,130	18.00
65 — 69	0.13312	75,555	10,058	352,630	1,089,165	14.42
70 — 74	0.20759	65,497	13,596	293,495	736,535	11.24
75 — 79	0.33020	51,901	17,138	216,600	443,040	8.54
80+	1.00000	34,763	34,763	226,440	226,440	6.51

Table 23. Abridged Life Table by Male and Female for Taiwan, 1970

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.04031	100,000	4,031	96,607	6,529,193	65.29
1 — 4	0.00938	95,969	900	381,654	6,432,586	67.03
5 — 9	0.00354	95,069	336	474,505	6,650,932	63.65
10 — 14	0.00309	94,733	293	472,932	5,576,427	58.86
15 — 19	0.00628	94,440	593	470,718	5,103,495	54.04
20 — 24	0.00906	93,847	850	467,110	4,632,777	49.36
25 — 29	0.01005	92,997	935	462,648	4,165,667	44.79
30 — 34	0.01262	92,062	1,162	457,405	3,703,019	40.22
35 — 39	0.01588	90,900	1,443	450,982	3,245,614	35.70
40 — 44	0.02045	89,457	1,829	442,712	2,794,722	31.24
45 — 49	0.03211	87,628	2,814	431,105	2,352,010	26.84
50 — 54	0.05058	84,814	4,290	413,345	1,920,905	22.65
55 — 59	0.07256	80,524	5,843	388,012	1,507,560	18.72
60 — 64	0.13180	74,681	9,843	348,798	1,119,548	14.99
65 — 69	0.19952	64,838	12,936	291,850	770,750	11.89
70 — 74	0.29579	51,902	15,352	221,130	478,900	9.23
75 — 79	0.41618	36,550	15,211	144,722	257,770	7.05
80+	1.00000	21,339	21,339	113,048	113,048	5.30
Female						
0	0.02659	100,000	2,659	97,686	7,112,211	71.12
1 — 4	0.00610	97,341	594	387,868	7,014,525	72.06
5 — 9	0.00264	96,747	255	483,098	6,626,657	68.49
10 — 14	0.00230	96,492	222	481,905	6,143,559	63.67
15 — 19	0.00364	96,270	350	480,475	5,661,654	58.81
20 — 24	0.00469	95,920	450	478,475	5,181,179	54.02
25 — 29	0.00573	95,470	547	475,982	4,702,704	49.26
30 — 34	0.00802	94,923	761	472,712	4,226,722	44.53
35 — 39	0.00995	94,162	937	468,468	3,754,010	39.87
40 — 44	0.01361	93,225	1,269	462,952	3,285,542	35.24
45 — 49	0.02050	91,956	1,885	455,068	2,822,590	30.70
50 — 54	0.03245	90,071	2,923	443,048	2,367,522	26.28
55 — 59	0.04513	87,148	3,933	425,908	1,924,474	22.02
60 — 64	0.08268	83,215	6,880	398,875	1,498,566	18.01
65 — 69	0.13124	76,335	10,018	356,630	1,099,691	14.41
70 — 74	0.21101	66,317	13,994	296,600	743,061	11.20
75 — 79	0.32210	52,323	16,853	219,482	446,461	8.53
80+	1.00000	35,470	35,470	226,979	226,979	6.40

Table 24. Abridged Life Table by Male and Female for Taiwan, 1971

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	${}_n d_x$	${}_n L_x$	T_x	e_x
Male						
0	0.03805	100,000	3,805	96,773	6,562,929	65.63
1 — 4	0.00861	96,195	828	382,742	6,466,156	67.22
5 — 9	0.00359	95,367	342	475,980	6,083,414	63.79
10 — 14	0.00284	95,025	270	474,450	5,607,434	59.01
15 — 19	0.00539	94,755	511	472,498	5,132,984	54.17
20 — 24	0.00851	94,244	802	469,215	4,660,486	49.45
25 — 29	0.01030	93,442	962	464,905	4,191,271	44.85
30 — 34	0.01188	92,480	1,099	459,653	3,726,466	40.29
35 — 39	0.01554	91,381	1,420	453,355	3,266,813	35.75
40 — 44	0.02026	89,961	1,823	445,248	2,813,458	31.27
45 — 49	0.02939	88,138	2,590	434,215	2,368,210	26.87
50 — 54	0.04858	85,548	4,156	417,350	1,933,995	22.61
55 — 59	0.07433	81,392	6,050	391,835	1,516,645	18.63
60 — 64	0.12577	75,342	9,476	353,020	1,124,810	14.93
65 — 69	0.19138	65,866	12,605	297,818	771,790	11.72
70 — 74	0.28805	53,261	15,342	227,950	473,972	8.90
75 — 79	0.40985	37,919	15,541	150,743	246,022	6.49
80 — 84	0.54447	22,378	12,184	58,680	95,279	4.26
85+	1.00000	10,194	10,194	36,599	36,599	3.59
Female						
0	0.02453	100,000	2,453	97,850	7,070,230	70.70
1 — 4	0.00533	97,547	520	388,879	7,000,480	72.37
5 — 9	0.00249	97,027	242	484,530	6,671,601	68.75
10 — 14	0.00190	96,785	184	483,465	6,187,071	63.92
15 — 19	0.00339	96,601	327	482,188	5,703,606	59.03
20 — 24	0.00409	96,274	394	480,385	5,221,418	54.22
25 — 29	0.00534	95,880	512	478,120	4,741,033	49.44
30 — 34	0.00673	95,368	642	476,235	4,262,913	44.69
35 — 39	0.00995	94,726	943	471,273	3,786,678	39.98
40 — 44	0.01401	93,783	1,314	465,630	3,315,405	35.35
45 — 49	0.02104	92,469	1,946	457,480	2,849,775	30.82
50 — 54	0.03226	90,523	2,920	445,315	2,392,295	26.43
55 — 59	0.04753	87,603	4,164	427,605	1,946,980	22.23
60 — 64	0.07832	83,439	6,535	400,858	1,519,375	18.21
65 — 69	0.12643	76,904	9,723	360,213	1,118,517	14.54
70 — 74	0.20864	67,181	14,017	300,863	758,304	11.29
75 — 79	0.30156	53,164	16,032	225,740	457,441	8.60
80 — 84	0.46118	37,132	17,125	142,848	231,701	6.24
85+	1.00000	20,007	20,007	88,853	88,853	4.44

Table 25. Abridged Life Table by Male and Female for Taiwan, 1972

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x-to x+n	nq_x	l_x	$n d_x$	nL_x	T_x	e_x
Male						
0	0.03873	100,000	3,873	96,723	6,603,652	66.04
1 — 4	0.00884	96,127	850	382,414	6,506,929	67.69
5 — 9	0.00339	95,277	323	475,578	6,124,515	64.28
10 — 14	0.00294	94,954	279	474,073	5,648,937	59.49
15 — 19	0.00573	94,675	542	472,020	5,174,864	54.66
20 — 24	0.00836	94,133	787	468,698	4,702,844	49.96
25 — 29	0.01000	93,346	933	464,398	4,234,146	45.36
30 — 34	0.01233	92,413	1,139	459,218	3,769,748	40.79
35 — 39	0.01593	91,274	1,454	452,735	3,310,530	36.27
40 — 44	0.02138	89,820	1,920	444,300	2,857,795	31.82
45 — 49	0.03051	87,900	2,682	432,795	2,413,495	27.46
50 — 54	0.04729	85,218	4,030	416,015	1,980,700	23.24
55 — 59	0.07479	81,188	6,072	390,760	1,564,685	19.27
60 — 64	0.11377	75,116	8,546	354,215	1,173,925	15.63
65 — 69	0.18548	66,570	12,347	301,983	819,710	12.31
70 — 74	0.28092	54,223	15,232	233,035	517,727	9.55
75 — 79	0.39323	38,991	15,332	156,625	284,692	7.30
80 — 84	0.54509	23,659	12,896	86,055	128,067	5.41
85+	1.00000	10,763	10,763	42,012	42,012	3.90
Female						
0	0.02472	100,000	2,472	97,835	7,175,266	71.75
1 — 4	0.00540	97,528	527	388,786	7,077,431	72.57
5 — 9	0.00214	97,001	208	484,485	6,688,645	68.95
10 — 14	0.00204	96,793	197	483,473	6,204,160	64.10
15 — 19	0.00344	96,596	332	482,150	5,720,687	59.22
20 — 24	0.00464	96,264	447	480,203	5,238,537	54.42
25 — 29	0.00563	95,817	539	427,738	4,758,334	49.66
30 — 34	0.00727	95,278	693	474,658	4,280,596	44.93
35 — 39	0.00946	94,584	895	470,688	3,805,938	40.24
40 — 44	0.01361	93,690	1,275	465,263	3,335,250	35.60
45 — 49	0.02011	92,415	1,858	457,430	2,969,987	31.06
50 — 54	0.02944	90,557	2,666	446,120	2,412,557	26.64
55 — 59	0.04580	87,891	4,025	429,393	1,966,437	22.37
60 — 64	0.07372	83,866	6,183	403,873	1,537,004	18.33
65 — 69	0.13013	77,683	10,109	363,143	1,133,171	14.59
70 — 74	0.19458	67,574	13,149	304,998	770,028	11.40
75 — 79	0.30907	54,425	16,821	230,073	465,030	8.54
80 — 84	0.45881	37,604	17,253	144,888	234,957	6.25
85+	1.00000	20,351	20,351	90,069	90,069	4.43

Table 26. Abridged Life Table by Male and Female for Taiwan, 1973

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.03933	100,000	3,933	96,679	6,599,354	65.99
1 — 4	0.00905	96,067	869	382,126	6,502,675	67.69
5 — 9	0.00334	95,198	318	475,195	6,120,549	64.29
10 — 14	0.00329	94,880	312	473,620	5,645,354	59.50
15 — 19	0.00568	94,568	537	471,498	5,171,734	54.69
20 — 24	0.00807	94,031	759	468,258	4,700,236	49.99
25 — 29	0.00971	93,272	906	464,095	4,231,978	45.37
30 — 34	0.01213	92,366	1,120	459,030	3,767,883	40.79
35 — 39	0.01682	91,246	1,535	452,393	3,308,853	36.26
40 — 44	0.02236	89,711	2,006	443,540	2,856,460	31.84
45 — 49	0.02964	87,705	2,600	432,025	2,412,920	27.51
50 — 54	0.04714	85,105	4,012	415,495	1,980,895	23.28
55 — 59	0.07544	81,093	6,118	390,170	1,565,400	19.30
60 — 64	0.11036	74,975	8,274	354,190	1,175,230	15.97
65 — 69	0.18581	66,701	12,394	302,520	821,040	12.31
70 — 74	0.27711	54,307	15,049	233,913	518,520	9.55
75 — 79	0.40175	39,258	15,772	156,860	284,607	7.25
80 — 84	0.52670	23,483	12,370	86,505	127,747	5.44
85+	1.00000	11,116	11,116	41,242	41,242	3.71
Female						
0	0.02405	100,000	2,405	97,889	7,199,669	72.00
1 — 4	0.00515	97,595	503	389,115	7,101,780	72.77
5 — 9	0.00209	97,092	203	484,953	6,712,665	69.14
10 — 14	0.00204	96,889	198	483,950	6,227,712	64.28
15 — 19	0.00349	96,691	337	482,613	5,743,762	58.40
20 — 24	0.00439	96,354	423	480,713	5,261,149	54.60
25 — 29	0.05140	95,931	493	478,423	4,780,436	49.83
30 — 34	0.00633	95,438	604	475,680	4,302,013	45.08
35 — 39	0.01005	94,834	953	471,788	3,826,333	40.35
40 — 44	0.01331	93,881	1,250	466,280	3,354,545	35.73
45 — 49	0.01991	92,631	1,844	458,545	2,888,265	31.18
50 — 54	0.02993	90,787	2,717	447,143	2,429,720	26.76
55 — 59	0.04580	88,070	4,034	430,265	1,982,577	22.51
60 — 64	0.06849	84,036	5,756	405,790	1,552,312	18.47
65 — 69	0.12307	78,280	9,634	367,315	1,146,522	14.65
70 — 74	0.20094	68,646	13,794	308,745	779,207	11.35
75 — 79	0.31137	54,852	17,079	231,563	470,462	8.58
80 — 84	0.45239	37,773	17,088	146,145	238,899	6.32
85+	1.00000	20,685	20,685	92,754	92,754	4.48

Table 27. Abridged Life Table by Male and Female for Taiwan, 1974

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	e_x
Male						
0	0.03923	100,000	3,923	96,686	6,612,794	66.13
1 — 4	0.00901	96,077	866	382,173	6,516,108	67.82
5 — 9	0.00369	95,211	351	475,178	6,133,935	61.42
10 — 14	0.00329	94,860	312	493,520	5,658,757	59.65
15 — 19	0.00618	94,548	584	471,280	5,185,237	54.84
20 — 24	0.00851	93,964	800	467,820	4,713,957	50.17
25 — 29	0.00971	93,164	905	463,558	4,246,137	45.58
30 — 34	0.01163	92,259	1,073	458,613	3,782,579	41.00
35 — 39	0.01549	91,186	1,412	452,400	3,323,966	36.45
40 — 44	0.02119	89,774	1,902	444,115	2,871,566	31.99
45 — 49	0.02969	87,872	2,609	432,838	2,427,451	27.62
50 — 54	0.04690	85,263	3,999	416,318	1,994,613	23.39
55 — 59	0.07265	81,264	5,904	391,560	1,578,295	19.42
60 — 64	0.10518	75,360	7,926	356,985	1,186,735	15.75
65 — 69	0.18054	67,434	12,175	306,733	828,750	12.30
70 — 74	0.27380	55,259	15,130	238,470	523,017	9.46
75 — 79	0.40429	40,129	16,224	160,085	284,547	7.09
80 — 84	0.55152	23,905	13,184	86,565	124,462	5.21
85+	1.00000	10,721	10,721	37,897	37,897	3.53
Female						
0	0.02303	100,000	2,303	97,971	7,174,418	71.74
1 — 4	0.00477	97,697	466	389,616	7,076,447	72.43
5 — 9	0.00234	97,231	228	485,585	6,686,831	68.77
10 — 14	0.00175	97,003	170	484,590	6,201,246	63.93
15 — 19	0.00319	96,833	309	483,393	5,716,656	59.04
20 — 24	0.00414	96,521	400	481,620	5,233,263	54.22
25 — 29	0.00484	96,124	465	479,459	4,751,643	47.43
30 — 34	0.00658	95,659	629	476,723	4,272,185	44.66
35 — 39	0.00896	95,030	851	473,023	3,395,462	39.94
40 — 44	0.01356	94,179	1,277	467,703	3,322,439	35.28
45 — 49	0.01947	92,902	1,809	459,988	2,854,736	30.73
50 — 54	0.02954	91,093	2,691	448,738	2,394,748	26.29
55 — 59	0.04628	88,402	4,091	431,783	1,946,010	22.01
60 — 64	0.06928	84,311	5,841	406,763	1,514,227	17.96
65 — 69	0.16216	78,470	12,725	360,538	1,107,274	14.11
70 — 74	0.19650	65,745	12,919	296,428	746,736	11.36
75 — 79	0.31137	52,826	16,448	223,040	450,308	8.52
80 — 84	0.47021	36,378	17,105	139,128	227,298	6.25
85+	1.00000	19,273	19,273	88,110	88,170	4.57

Table 28. Abridged Life Table by Male and Female for Taiwan, 1975

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}_xe_x$
Male						
0	0.03881	100,000	3,881	96,717	6,646,075	66.46
1 — 4	0.00887	96,119	853	382,374	6,549,358	68.14
5 — 9	0.00309	95,266	294	475,595	6,166,984	64.73
10 — 14	0.00304	94,972	289	474,138	5,691,389	59.93
15 — 19	0.00663	94,972	628	471,845	5,217,251	55.10
20 — 24	0.00876	94,055	824	468,215	4,745,406	50.45
25 — 29	0.00985	93,231	918	463,860	4,277,191	45.88
30 — 34	0.01163	92,313	1,074	458,880	3,813,331	41.31
35 — 39	0.01642	90,239	1,498	452,450	3,354,451	36.77
40 — 44	0.02217	89,741	1,990	443,730	2,902,001	32.34
45 — 49	0.03046	87,751	2,673	432,073	2,458,271	28.01
50 — 54	0.04403	85,078	3,746	416,025	2,026,198	23.82
55 — 59	0.07386	81,332	6,007	391,643	1,610,173	19.80
60 — 64	0.08958	75,325	6,748	359,755	1,218,530	16.18
65 — 69	0.17331	68,577	11,885	313,173	858,775	12.52
70 — 74	0.26101	56,692	14,797	246,468	545,602	9.62
75 — 79	0.39639	41,895	16,607	167,958	299,134	7.14
80 — 84	0.55004	25,288	13,909	91,668	131,176	5.19
85+	1.00000	11,377	11,379	39,508	39,508	3.47
Female						
0	0.02309	100,000	2,309	97,966	7,229,027	72.29
1 — 4	0.00429	97,691	468	389,588	7,131,061	73.00
5 — 9	0.00200	97,223	194	485,630	6,741,473	69.34
10 — 14	0.00195	97,039	189	484,673	6,255,843	64.47
15 — 19	0.00329	96,840	319	483,403	5,771,170	59.59
20 — 24	0.00409	96,521	395	481,618	5,287,767	54.78
25 — 29	0.00469	96,126	451	479,503	4,806,149	50.00
30 — 34	0.00628	95,675	601	476,873	4,326,646	45.22
35 — 39	0.00936	95,074	890	473,145	3,849,773	40.49
40 — 44	0.01322	94,184	1,245	467,808	3,376,628	35.85
45 — 49	0.01864	92,939	1,732	460,365	2,908,820	31.30
50 — 54	0.02949	91,207	2,690	449,310	2,448,435	26.85
55 — 59	0.04523	88,517	4,004	432,575	1,999,145	22.58
60 — 64	0.05643	84,513	4,769	410,043	1,566,570	18.54
65 — 69	0.10775	79,744	8,592	377,240	1,155,927	14.50
70 — 74	0.19208	71,152	13,667	314,013	778,687	10.94
75 — 79	0.29735	54,485	16,201	231,923	464,594	8.53
80 — 84	0.46957	38,284	17,977	146,478	232,671	6.08
85+	1.00000	20,307	20,307	86,193	86,193	4.24

Table 29. Abridged Life Table by Male and Female for Taiwan, 1976

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	${}^o e_x$
Male						
0	0.03687	100,000	3,687	96,861	6,691,981	66.92
1 — 4	0.00820	96,313	790	383,310	6,595,120	68.48
5 — 9	0.00284	95,523	271	476,938	6,211,810	65.03
10 — 14	0.00269	95,252	256	475,620	5,734,872	60.21
15 — 19	0.00658	94,996	625	473,418	5,259,252	55.36
20 — 24	0.00832	94,371	785	469,893	4,785,834	50.71
25 — 29	0.00886	93,586	829	465,858	4,315,941	46.12
30 — 34	0.01114	92,757	1,033	461,203	3,850,083	41.51
35 — 39	0.01534	91,724	1,407	455,103	3,388,880	36.95
40 — 44	0.02138	90,317	1,931	446,758	2,933,777	32.48
45 — 49	0.03012	88,386	2,662	435,275	2,487,019	28.14
50 — 54	0.04326	95,724	3,708	419,350	2,051,744	23.93
55 — 59	0.06793	82,016	5,571	396,153	1,632,394	19.90
60 — 64	0.09875	76,445	7,549	363,353	1,236,241	16.17
65 — 69	0.15893	68,896	10,950	317,105	872,888	12.67
70 — 74	0.26708	57,946	15,476	251,040	555,783	9.59
75 — 79	0.39354	42,470	16,714	170,565	304,743	7.18
80 — 84	0.55983	25,756	14,419	92,733	134,178	5.21
85+	1.00000	11,337	11,337	41,445	41,445	3.66
Female						
0	0.02192	100,000	2,192	98,062	7,293,864	72.94
1 — 4	0.00441	97,808	431	390,149	7,195,802	73.57
5 — 9	0.00194	97,377	189	486,413	6,805,653	69.89
10 — 14	0.00165	62,453	160	485,540	6,319,240	65.02
15 — 19	0.00304	97,028	295	484,403	5,833,700	60.12
20 — 24	0.00429	96,733	415	482,628	5,349,297	55.30
25 — 29	0.00429	96,318	413	480,558	4,866,669	50.53
30 — 34	0.00603	95,905	578	478,080	4,386,111	45.73
35 — 39	0.00822	95,327	784	474,675	3,908,031	41.00
40 — 44	0.01267	94,543	1,198	469,720	3,433,356	36.32
45 — 49	0.01829	93,345	1,707	462,458	2,963,636	31.75
50 — 54	0.02847	91,638	2,609	451,668	2,501,178	27.29
55 — 59	0.04293	89,029	3,822	435,590	2,049,510	23.02
60 — 64	0.06045	85,207	5,151	413,158	1,613,920	18.94
65 — 69	0.10193	80,056	8,160	379,880	1,200,762	15.00
70 — 74	0.18419	71,896	13,243	326,373	820,882	11.42
75 — 79	0.30732	58,653	18,025	248,203	494,509	8.43
80 — 84	0.46507	40,628	18,895	155,903	246,306	6.06
85+	1.00000	21,733	21,733	90,403	90,403	4.16

Table 30. Abridged Life Table by Male and Female for Taiwan, 1977

Age Group (Years)	Probability of a Person Age x Dying Before Age x+n	Survivors at Exact Age x	Number of Deaths Between Age x and Age x+n	Stationary Population (Years of Life Lived)		Average Number of Years of Life Remaining at Age x
				at Ages x to x+n	at Ages x and Over	
x to x+n	nq_x	l_x	nd_x	nL_x	T_x	e_x
Male						
0	0.03820	100,000	3,820	96,762	6,672,852	66.73
1 — 4	0.00866	96,180	833	382,669	6,576,090	68.37
5 — 9	0.00314	96,347	299	475,988	6,193,421	64.96
10 — 14	0.00289	95,048	275	474,552	5,717,433	60.15
15 — 19	0.00648	94,773	614	472,330	5,242,881	55.32
20 — 24	0.00876	94,159	825	468,732	4,770,551	50.66
25 — 29	0.00931	93,334	869	464,498	4,301,819	46.09
30 — 34	0.01084	92,465	1,002	459,820	3,837,321	41.50
35 — 39	0.01504	91,463	1,376	453,875	3,377,501	36.93
40 — 44	0.02241	90,087	2,019	445,388	2,923,626	32.45
45 — 49	0.03085	88,068	2,717	433,548	2,478,238	28.14
50 — 54	0.04418	85,351	3,771	417,328	2,044,690	23.96
55 — 59	0.06882	81,580	5,614	393,865	1,627,362	19.95
60 — 64	0.10852	75,966	8,244	359,220	1,233,497	16.24
65 — 69	0.13710	67,722	9,285	315,398	874,277	12.91
70 — 74	0.26783	58,437	15,651	253,058	558,879	9.56
75 — 79	0.39364	42,786	16,842	171,825	305,821	7.15
80 — 84	0.55602	25,944	14,425	93,658	133,996	5.16
85+	1.00000	11,519	11,519	40,338	40,338	3.50
Female						
0	0.02129	100,000	2,129	98,113	7,309,490	73.09
1 — 4	0.00423	97,871	414	389,942	7,211,377	73.68
5 — 9	0.00205	97,425	200	486,785	6,821,435	69.99
10 — 14	0.00165	97,257	160	485,885	6,334,650	65.13
15 — 19	0.00299	97,097	290	484,760	5,848,765	60.24
20 — 24	0.00394	96,807	381	483,083	5,364,005	55.41
25 — 29	0.00439	96,426	423	481,072	4,880,922	50.62
30 — 34	0.00549	96,003	527	478,698	4,399,850	45.83
35 — 39	0.00777	95,476	742	475,525	3,921,152	41.07
40 — 44	0.01252	94,734	1,186	470,705	3,445,627	36.37
45 — 49	0.01775	93,548	1,660	463,590	2,974,922	31.80
50 — 54	0.02935	91,888	2,697	452,689	2,511,332	27.33
55 — 59	0.04374	89,191	3,901	436,202	2,058,634	23.08
60 — 64	0.06886	85,290	5,873	411,768	1,622,432	19.02
65 — 69	0.88433	79,417	7,023	379,528	1,210,664	15.24
70 — 74	0.18606	72,394	13,470	328,295	831,136	11.48
75 — 79	0.29641	58,924	17,466	250,955	502,841	8.53
80 — 84	0.46764	41,458	19,387	158,822	251,886	6.08
85+	1.00000	22,071	22,071	93,064	93,064	4.22

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