

Department of Statistics, MOI: **Abridged life table of Taiwan, 2016. Total and regions.**  
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*Notes:*

Complete life tables are calculated based on abridged life tables applying the interpolation method described in **Kay Huan Lin (1979): Vital Statistics. Commissioner of the National Committee on Life Tables; Ministry of Interior, Republic of China.**

Regional life tables are calculated by three-year period data. For instance, 2016 life table is calculated with data corresponding to the period 2014-2016, the 2015 is built with the 2013-2015 data and so on.

**Table 19. Abridged life table: Keelung City**  
2016

Age X	Probability of death $q_x$	Number of survivors $l_x$	Numbers of death $d_x$	Stationary population		Life expectancy $e^o_x$
				$L_x$	$T_x$	
0M	0.00211	100000	211	8325	7975885	79.76
1M	0.00032	99789	32	8314	7967560	79.84
2M	0.00022	99757	22	8312	7959246	79.79
3M	0.00043	99735	43	24928	7950934	79.72
6M	0.00035	99692	35	49837	7926006	79.51
0	0.00344	100000	344	99716	7975885	79.76
1	0.00054	99656	54	99630	7876169	79.03
2	0.00033	99603	32	99587	7776539	78.08
3	0.00019	99570	19	99561	7676952	77.10
4	0.00011	99552	11	99546	7577391	76.12
5	0.00008	99540	8	99536	7477845	75.12
6	0.00008	99532	8	99529	7378309	74.13
7	0.00008	99525	8	99521	7278780	73.14
8	0.00010	99516	10	99511	7179260	72.14
9	0.00014	99506	14	99499	7079748	71.15
10	0.00018	99492	18	99483	6980249	70.16
11	0.00022	99474	22	99464	6880766	69.17
12	0.00025	99453	25	99440	6781302	68.19
13	0.00027	99428	27	99415	6681862	67.20
14	0.00028	99401	28	99387	6582447	66.22
15	0.00028	99373	28	99359	6483060	65.24
16	0.00028	99345	28	99331	6383701	64.26
17	0.00030	99317	29	99303	6284370	63.28
18	0.00032	99288	32	99272	6185067	62.29
19	0.00035	99256	35	99239	6085795	61.31
20	0.00038	99222	38	99203	5986556	60.34
21	0.00042	99184	42	99163	5887353	59.36
22	0.00046	99142	46	99119	5788191	58.38
23	0.00051	99096	51	99070	5689072	57.41
24	0.00056	99045	56	99017	5590001	56.44
25	0.00061	98989	61	98959	5490984	55.47
26	0.00067	98929	66	98896	5392025	54.50
27	0.00072	98863	71	98827	5293130	53.54
28	0.00078	98791	77	98753	5194303	52.58
29	0.00083	98715	82	98674	5095550	51.62
30	0.00089	98633	87	98589	4996876	50.66
31	0.00094	98545	93	98499	4898287	49.71
32	0.00100	98452	98	98403	4799788	48.75
33	0.00105	98354	103	98303	4701385	47.80
34	0.00110	98251	108	98197	4603082	46.85
35	0.00116	98143	114	98086	4504885	45.90
36	0.00124	98029	122	97968	4406799	44.95
37	0.00134	97907	131	97841	4308831	44.01
38	0.00145	97776	142	97705	4210990	43.07
39	0.00158	97634	154	97557	4113285	42.13

**Table 19. Abridged life table: Keelung City(cont. 1)**

2016

Age X	Probability of death $q_x$	Number of survivors $l_x$	Numbers of death $d_x$	Stationary population		Life expectancy $e^o_x$
				$L_x$	$T_x$	
40	0.00174	97480	169	97395	4015728	41.20
41	0.00192	97310	187	97217	3918333	40.27
42	0.00215	97124	209	97020	3821116	39.34
43	0.00244	96915	237	96797	3724096	38.43
44	0.00279	96679	269	96544	3627299	37.52
45	0.00313	96409	302	96258	3530755	36.62
46	0.00345	96107	331	95941	3434497	35.74
47	0.00367	95776	351	95600	3338556	34.86
48	0.00376	95424	359	95245	3242956	33.98
49	0.00377	95065	358	94886	3147712	33.11
50	0.00376	94707	356	94529	3052826	32.23
51	0.00380	94351	359	94172	2958297	31.35
52	0.00398	93992	374	93805	2864125	30.47
53	0.00434	93618	406	93415	2770320	29.59
54	0.00484	93212	452	92986	2676905	28.72
55	0.00542	92760	502	92509	2583919	27.86
56	0.00599	92258	553	91981	2491410	27.00
57	0.00651	91705	597	91406	2399428	26.16
58	0.00695	91107	634	90791	2308022	25.33
59	0.00735	90474	665	90141	2217231	24.51
60	0.00773	89809	694	89462	2127090	23.68
61	0.00819	89115	730	88750	2037629	22.87
62	0.00877	88385	775	87997	1948879	22.05
63	0.00949	87609	831	87194	1860882	21.24
64	0.01033	86778	896	86330	1773688	20.44
65	0.01131	85882	971	85396	1687358	19.65
66	0.01244	84910	1057	84382	1601962	18.87
67	0.01374	83854	1152	83278	1517580	18.10
68	0.01521	82702	1258	82073	1434303	17.34
69	0.01685	81444	1372	80757	1352230	16.60
70	0.01864	80071	1493	79325	1271473	15.88
71	0.02059	78579	1618	77770	1192147	15.17
72	0.02270	76961	1747	76087	1114378	14.48
73	0.02499	75214	1880	74274	1038290	13.80
74	0.02750	73334	2016	72326	964016	13.15
75	0.03024	71318	2157	70239	891690	12.50
76	0.03325	69161	2299	68011	821451	11.88
77	0.03655	66862	2444	65640	753440	11.27
78	0.04018	64418	2589	63123	687800	10.68
79	0.04417	61829	2731	60464	624677	10.10
80	0.04853	59098	2868	57664	564213	9.55
81	0.05332	56230	2998	54731	506549	9.01
82	0.05857	53232	3118	51673	451818	8.49
83	0.06431	50114	3223	48503	400146	7.98
84	0.07059	46891	3310	45236	351643	7.50
85+	1.00000	43581	43581	306407	306407	7.03

**Table 19. Abridged life table: Keelung City(cont. 2)**

2016

Male

Age X	Probability of death $q_x$	Number of survivors $l_x$	Numbers of death $d_x$	Stationary population		Life expectancy $e^o_x$
				$L_x$	$T_x$	
0M	0.00186	100000	186	8326	7691328	76.91
1M	0.00025	99814	25	8317	7683003	76.97
2M	0.00022	99789	22	8315	7674686	76.91
3M	0.00038	99767	38	24937	7666371	76.84
6M	0.00034	99729	34	49856	7641434	76.62
0	0.00305	100000	305	99750	7691328	76.91
1	0.00063	99695	63	99664	7591578	76.15
2	0.00050	99632	50	99607	7491914	75.20
3	0.00037	99582	37	99563	7392307	74.23
4	0.00024	99545	24	99533	7292744	73.26
5	0.00013	99521	13	99515	7193211	72.28
6	0.00005	99508	5	99506	7093696	71.29
7	0.00001	99503	1	99503	6994190	70.29
8	0.00002	99502	2	99501	6894687	69.29
9	0.00006	99501	6	99498	6795186	68.29
10	0.00012	99495	12	99489	6695688	67.30
11	0.00019	99483	19	99473	6596199	66.30
12	0.00026	99464	25	99451	6496726	65.32
13	0.00031	99439	31	99423	6397275	64.33
14	0.00035	99408	35	99391	6297851	63.35
15	0.00038	99373	37	99354	6198461	62.38
16	0.00040	99336	40	99316	6099106	61.40
17	0.00042	99296	42	99275	5999791	60.42
18	0.00045	99254	44	99232	5900516	59.45
19	0.00046	99210	46	99187	5801284	58.48
20	0.00048	99164	48	99140	5702098	57.50
21	0.00051	99116	51	99090	5602958	56.53
22	0.00055	99065	55	99038	5503868	55.56
23	0.00061	99010	61	98980	5404830	54.59
24	0.00069	98949	69	98915	5305850	53.62
25	0.00078	98881	77	98842	5206935	52.66
26	0.00087	98804	86	98761	5108093	51.70
27	0.00095	98718	94	98671	5009332	50.74
28	0.00103	98624	101	98573	4910661	49.79
29	0.00110	98522	109	98468	4812088	48.84
30	0.00118	98414	116	98356	4713620	47.90
31	0.00126	98298	124	98236	4615264	46.95
32	0.00134	98174	132	98108	4517028	46.01
33	0.00144	98042	141	97972	4418920	45.07
34	0.00154	97901	151	97826	4320948	44.14
35	0.00166	97750	162	97669	4223122	43.20
36	0.00180	97588	176	97500	4125453	42.27
37	0.00196	97412	191	97317	4027953	41.35
38	0.00213	97222	207	97118	3930636	40.43
39	0.00232	97015	225	96902	3833517	39.51

**Table 19. Abridged life table: Keelung City(cont. 3)**

2016

Male

Age X	Probability of death $q_x$	Number of survivors $l_x$	Numbers of death $d_x$	Stationary population		Life expectancy $e^o_x$
				$L_x$	$T_x$	
40	0.00254	96790	246	96667	3736615	38.61
41	0.00279	96544	270	96409	3639948	37.70
42	0.00310	96274	299	96124	3543540	36.81
43	0.00349	95975	335	95807	3447415	35.92
44	0.00393	95640	376	95452	3351608	35.04
45	0.00439	95264	418	95055	3256156	34.18
46	0.00480	94846	455	94618	3161101	33.33
47	0.00510	94391	482	94150	3066483	32.49
48	0.00526	93909	494	93662	2972333	31.65
49	0.00532	93415	497	93167	2878670	30.82
50	0.00536	92919	498	92669	2785503	29.98
51	0.00547	92420	506	92168	2692834	29.14
52	0.00574	91915	528	91651	2600666	28.29
53	0.00623	91387	570	91102	2509016	27.45
54	0.00689	90817	626	90504	2417914	26.62
55	0.00764	90191	689	89847	2327409	25.81
56	0.00839	89502	751	89127	2237563	25.00
57	0.00908	88751	805	88349	2148436	24.21
58	0.00966	87946	850	87521	2060087	23.42
59	0.01020	87096	889	86652	1972566	22.65
60	0.01072	86207	924	85745	1885915	21.88
61	0.01134	85283	967	84800	1800170	21.11
62	0.01211	84316	1021	83806	1715370	20.34
63	0.01304	83296	1086	82753	1631564	19.59
64	0.01413	82210	1161	81629	1548811	18.84
65	0.01538	81048	1246	80425	1467182	18.10
66	0.01681	79802	1342	79131	1386757	17.38
67	0.01844	78461	1446	77737	1307626	16.67
68	0.02026	77014	1560	76234	1229888	15.97
69	0.02228	75454	1681	74613	1153654	15.29
70	0.02448	73772	1806	72869	1079041	14.63
71	0.02686	71966	1933	71000	1006172	13.98
72	0.02942	70034	2060	69003	935172	13.35
73	0.03218	67973	2188	66880	866169	12.74
74	0.03518	65786	2314	64629	799289	12.15
75	0.03845	63471	2440	62251	734661	11.57
76	0.04199	61031	2563	59750	672409	11.02
77	0.04587	58468	2682	57127	612660	10.48
78	0.05010	55786	2795	54389	555533	9.96
79	0.05471	52991	2899	51541	501144	9.46
80	0.05973	50092	2992	48596	449603	8.98
81	0.06519	47100	3070	45565	401007	8.51
82	0.07113	44030	3132	42464	355442	8.07
83	0.07759	40898	3173	39311	312978	7.65
84	0.08461	37724	3192	36128	273667	7.25
85+	1.00000	34532	34532	237539	237539	6.88

**Table 19. Abridged life table: Keelung City(cont. 4)**

2016

Female

Age X	Probability of death $q_x$	Number of survivors $l_x$	Numbers of death $d_x$	Stationary population		Life expectancy $e^o_x$
				$L_x$	$T_x$	
0M	0.00238	100000	238	8323	8269271	82.69
1M	0.00040	99762	40	8312	8260948	82.81
2M	0.00022	99722	22	8309	8252636	82.76
3M	0.00048	99700	48	24919	8244327	82.69
6M	0.00037	99652	37	49817	8219408	82.48
0	0.00385	100000	385	99680	8269271	82.69
1	0.00044	99615	43	99593	8169591	82.01
2	0.00014	99571	14	99565	8069998	81.05
3	0.00000	99558	0	99558	7970433	80.06
4	0.00000	99558	0	99558	7870875	79.06
5	0.00003	99558	3	99556	7771318	78.06
6	0.00011	99555	11	99549	7671761	77.06
7	0.00016	99544	16	99536	7572212	76.07
8	0.00020	99528	20	99518	7472676	75.08
9	0.00022	99508	22	99497	7373158	74.10
10	0.00024	99486	24	99474	7273661	73.11
11	0.00025	99462	25	99449	7174188	72.13
12	0.00024	99437	24	99425	7074738	71.15
13	0.00023	99413	23	99401	6975313	70.17
14	0.00020	99390	20	99380	6875912	69.18
15	0.00018	99370	18	99361	6776532	68.20
16	0.00016	99352	16	99345	6677171	67.21
17	0.00016	99337	16	99329	6577826	66.22
18	0.00018	99321	18	99312	6478497	65.23
19	0.00022	99303	22	99292	6379185	64.24
20	0.00027	99281	27	99268	6279893	63.25
21	0.00033	99254	32	99238	6180625	62.27
22	0.00037	99222	37	99203	6081387	61.29
23	0.00040	99185	39	99165	5982184	60.31
24	0.00042	99146	41	99125	5883019	59.34
25	0.00043	99104	43	99083	5783894	58.36
26	0.00045	99062	44	99040	5684811	57.39
27	0.00047	99017	46	98994	5585771	56.41
28	0.00049	98971	49	98947	5486777	55.44
29	0.00053	98922	52	98896	5387830	54.47
30	0.00056	98870	56	98842	5288934	53.49
31	0.00059	98814	59	98785	5190092	52.52
32	0.00062	98756	61	98725	5091307	51.55
33	0.00063	98694	62	98663	4992582	50.59
34	0.00064	98632	63	98600	4893919	49.62
35	0.00065	98569	64	98537	4795318	48.65
36	0.00068	98504	67	98471	4696782	47.68
37	0.00071	98438	70	98403	4598311	46.71
38	0.00077	98368	76	98330	4499908	45.75
39	0.00084	98292	82	98251	4401578	44.78

**Table 19. Abridged life table: Keelung City(cont. end)**

2016

Female

Age X	Probability of death $q_x$	Number of survivors $l_x$	Numbers of death $d_x$	Stationary population		Life expectancy $e^o_x$
				$L_x$	$T_x$	
40	0.00092	98210	91	98164	4303327	43.82
41	0.00103	98119	101	98068	4205163	42.86
42	0.00118	98018	116	97960	4107094	41.90
43	0.00139	97902	136	97834	4009135	40.95
44	0.00163	97766	159	97686	3911301	40.01
45	0.00187	97607	183	97515	3813615	39.07
46	0.00209	97424	203	97322	3716099	38.14
47	0.00222	97221	216	97113	3618777	37.22
48	0.00224	97005	218	96896	3521664	36.30
49	0.00219	96787	212	96681	3424768	35.38
50	0.00212	96576	205	96473	3328086	34.46
51	0.00210	96371	202	96270	3231613	33.53
52	0.00219	96168	210	96063	3135344	32.60
53	0.00243	95958	233	95842	3039281	31.67
54	0.00279	95725	267	95592	2943439	30.75
55	0.00320	95459	306	95306	2847847	29.83
56	0.00362	95153	345	94981	2752541	28.93
57	0.00400	94808	379	94618	2657560	28.03
58	0.00432	94429	408	94225	2562942	27.14
59	0.00461	94021	433	93804	2468717	26.26
60	0.00488	93587	457	93359	2374913	25.38
61	0.00522	93130	486	92887	2281554	24.50
62	0.00564	92645	522	92383	2188667	23.62
63	0.00615	92122	567	91839	2096283	22.76
64	0.00677	91555	620	91245	2004445	21.89
65	0.00752	90935	684	90593	1913199	21.04
66	0.00840	90252	758	89873	1822606	20.19
67	0.00943	89494	844	89072	1732733	19.36
68	0.01064	88650	943	88178	1643662	18.54
69	0.01201	87706	1053	87180	1555484	17.74
70	0.01352	86653	1172	86068	1468304	16.94
71	0.01518	85482	1298	84833	1382236	16.17
72	0.01700	84184	1431	83468	1297403	15.41
73	0.01901	82753	1573	81966	1213935	14.67
74	0.02123	81180	1724	80318	1131969	13.94
75	0.02371	79456	1884	78514	1051651	13.24
76	0.02647	77572	2053	76546	973137	12.54
77	0.02956	75519	2232	74403	896591	11.87
78	0.03300	73287	2418	72078	822188	11.22
79	0.03684	70869	2611	69563	750110	10.58
80	0.04111	68258	2806	66855	680547	9.97
81	0.04587	65452	3002	63951	613691	9.38
82	0.05116	62450	3195	60852	549740	8.80
83	0.05705	59255	3380	57565	488888	8.25
84	0.06359	55875	3553	54098	431323	7.72
85+	1.00000	52322	52322	377225	377225	7.21