

Department of Statistics, MOI: **Abridged life table of Taiwan, 2018. 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, 2018 life table is calculated with data corresponding to the period 2016-2018, the 2017 is built with the 2015-2017 data and so on.

**Table 5. Abridged life table: Taichung City**  
2018

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	0.00193	100000	193	8325	8056696	80.57
1M	0.00024	99807	24	8316	8048371	80.64
2M	0.00018	99783	18	8314	8040054	80.58
3M	0.00035	99764	35	24937	8031740	80.51
6M	0.00034	99730	33	49857	8006803	80.28
0	0.00304	100000	304	99749	8056696	80.57
1	0.00034	99696	34	99679	7956947	79.81
2	0.00021	99662	21	99652	7857268	78.84
3	0.00013	99641	13	99635	7757616	77.86
4	0.00011	99628	11	99623	7657981	76.87
5	0.00011	99617	11	99612	7558358	75.87
6	0.00012	99606	12	99600	7458747	74.88
7	0.00012	99594	12	99589	7359146	73.89
8	0.00011	99583	11	99577	7259558	72.90
9	0.00010	99571	10	99566	7159981	71.91
10	0.00010	99561	10	99556	7060415	70.92
11	0.00010	99551	10	99546	6960859	69.92
12	0.00011	99541	11	99536	6861312	68.93
13	0.00014	99530	14	99523	6761777	67.94
14	0.00018	99517	17	99508	6662253	66.95
15	0.00022	99499	22	99488	6562745	65.96
16	0.00027	99477	27	99464	6463257	64.97
17	0.00031	99450	31	99435	6363793	63.99
18	0.00034	99420	34	99403	6264358	63.01
19	0.00037	99386	37	99367	6164955	62.03
20	0.00039	99349	39	99329	6065588	61.05
21	0.00041	99310	41	99290	5966259	60.08
22	0.00042	99269	42	99248	5866969	59.10
23	0.00042	99227	42	99207	5767721	58.13
24	0.00042	99186	41	99165	5668514	57.15
25	0.00041	99144	41	99124	5569349	56.17
26	0.00042	99103	41	99083	5470226	55.20
27	0.00043	99062	43	99040	5371143	54.22
28	0.00047	99019	47	98995	5272103	53.24
29	0.00053	98972	53	98946	5173107	52.27
30	0.00060	98919	59	98890	5074162	51.30
31	0.00067	98860	66	98827	4975272	50.33
32	0.00074	98794	73	98757	4876445	49.36
33	0.00080	98721	79	98681	4777688	48.40
34	0.00086	98641	85	98599	4679007	47.43
35	0.00093	98556	92	98511	4580408	46.48
36	0.00101	98465	99	98415	4481897	45.52
37	0.00110	98366	108	98311	4383482	44.56
38	0.00122	98257	119	98197	4285171	43.61
39	0.00135	98138	132	98072	4186973	42.66

**Table 5. Abridged life table: Taichung City(cont. 1)**

2018

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	0.00149	98005	146	97932	4088902	41.72
41	0.00165	97859	162	97778	3990969	40.78
42	0.00182	97698	178	97609	3893191	39.85
43	0.00200	97520	195	97422	3795583	38.92
44	0.00220	97324	214	97217	3698161	38.00
45	0.00240	97110	233	96994	3600943	37.08
46	0.00261	96877	253	96750	3503950	36.17
47	0.00283	96624	273	96487	3407200	35.26
48	0.00304	96351	293	96204	3310712	34.36
49	0.00326	96058	313	95901	3214508	33.46
50	0.00349	95745	334	95578	3118607	32.57
51	0.00373	95411	356	95233	3023029	31.68
52	0.00399	95055	379	94865	2927797	30.80
53	0.00426	94676	403	94474	2832931	29.92
54	0.00455	94273	429	94058	2738457	29.05
55	0.00487	93844	457	93615	2644399	28.18
56	0.00522	93387	488	93143	2550784	27.31
57	0.00563	92899	523	92637	2457641	26.46
58	0.00612	92376	565	92093	2365004	25.60
59	0.00667	91810	612	91504	2272911	24.76
60	0.00724	91198	660	90868	2181407	23.92
61	0.00783	90538	709	90183	2090539	23.09
62	0.00844	89829	758	89450	2000355	22.27
63	0.00906	89071	807	88667	1910905	21.45
64	0.00974	88264	859	87834	1822238	20.65
65	0.01054	87405	921	86944	1734404	19.84
66	0.01152	86483	996	85985	1647460	19.05
67	0.01271	85487	1087	84944	1561475	18.27
68	0.01412	84400	1192	83805	1476531	17.49
69	0.01572	83209	1308	82555	1392727	16.74
70	0.01747	81901	1431	81186	1310172	16.00
71	0.01936	80470	1558	79692	1228986	15.27
72	0.02138	78913	1687	78069	1149295	14.56
73	0.02357	77225	1820	76315	1071226	13.87
74	0.02595	75405	1957	74427	994910	13.19
75	0.02855	73449	2097	72400	920484	12.53
76	0.03139	71352	2239	70232	848083	11.89
77	0.03452	69112	2386	67920	777851	11.25
78	0.03797	66727	2533	65460	709932	10.64
79	0.04175	64193	2680	62853	644472	10.04
80	0.04589	61513	2823	60102	581619	9.46
81	0.05044	58690	2961	57210	521517	8.89
82	0.05543	55730	3089	54185	464307	8.33
83	0.06089	52641	3205	51038	410122	7.79
84	0.06688	49435	3306	47782	359084	7.26
85+	1.00000	45255	45255	303821	303821	6.71

**Table 5. Abridged life table: Taichung City(cont. 2)**

2018

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	0.00224	100000	224	8324	7761355	77.61
1M	0.00027	99776	27	8314	7753031	77.70
2M	0.00022	99749	21	8312	7744718	77.64
3M	0.00035	99728	35	24928	7736406	77.58
6M	0.00039	99693	39	49837	7711479	77.35
0	0.00346	100000	346	99714	7761355	77.61
1	0.00032	99654	32	99638	7661642	76.88
2	0.00020	99622	20	99612	7562004	75.91
3	0.00014	99602	14	99595	7462391	74.92
4	0.00012	99588	12	99582	7362796	73.93
5	0.00012	99577	12	99570	7263214	72.94
6	0.00014	99564	14	99557	7163643	71.95
7	0.00014	99551	14	99544	7064086	70.96
8	0.00014	99537	14	99530	6964542	69.97
9	0.00013	99523	13	99517	6865012	68.98
10	0.00013	99510	13	99504	6765495	67.99
11	0.00014	99497	14	99491	6665992	67.00
12	0.00016	99484	16	99476	6566501	66.01
13	0.00019	99468	19	99458	6467025	65.02
14	0.00025	99449	24	99437	6367567	64.03
15	0.00031	99424	31	99409	6268130	63.04
16	0.00037	99394	37	99376	6168721	62.06
17	0.00042	99357	42	99336	6069345	61.09
18	0.00046	99315	46	99292	5970009	60.11
19	0.00050	99269	50	99245	5870717	59.14
20	0.00053	99220	53	99193	5771472	58.17
21	0.00055	99167	55	99140	5672278	57.20
22	0.00056	99112	56	99085	5573139	56.23
23	0.00056	99057	56	99029	5474054	55.26
24	0.00055	99001	55	98974	5375025	54.29
25	0.00054	98946	54	98920	5276052	53.32
26	0.00054	98893	54	98866	5177132	52.35
27	0.00056	98839	56	98811	5078266	51.38
28	0.00061	98783	61	98753	4979455	50.41
29	0.00069	98723	68	98689	4880702	49.44
30	0.00078	98654	77	98616	4782013	48.47
31	0.00088	98577	87	98534	4683397	47.51
32	0.00098	98491	97	98442	4584863	46.55
33	0.00108	98394	106	98341	4486421	45.60
34	0.00118	98288	116	98230	4388080	44.65
35	0.00128	98173	126	98110	4289849	43.70
36	0.00141	98047	138	97977	4191740	42.75
37	0.00156	97908	152	97832	4093762	41.81
38	0.00173	97756	169	97671	3995930	40.88
39	0.00191	97587	187	97494	3898259	39.95

**Table 5. Abridged life table: Taichung City(cont. 3)**

2018

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	0.00213	97400	207	97297	3800765	39.02
41	0.00236	97193	229	97078	3703469	38.10
42	0.00262	96964	254	96837	3606390	37.19
43	0.00292	96709	282	96568	3509554	36.29
44	0.00325	96427	313	96270	3412985	35.39
45	0.00359	96114	345	95941	3316715	34.51
46	0.00393	95769	376	95581	3220774	33.63
47	0.00426	95393	406	95190	3125193	32.76
48	0.00457	94987	434	94770	3030003	31.90
49	0.00487	94553	460	94323	2935234	31.04
50	0.00517	94093	486	93850	2840911	30.19
51	0.00548	93607	513	93350	2747061	29.35
52	0.00583	93093	542	92822	2653711	28.51
53	0.00620	92551	573	92264	2560889	27.67
54	0.00660	91977	607	91674	2468625	26.84
55	0.00704	91371	643	91049	2376951	26.01
56	0.00753	90727	683	90386	2285902	25.20
57	0.00808	90045	728	89681	2195516	24.38
58	0.00873	89317	779	88927	2105835	23.58
59	0.00946	88538	837	88119	2016908	22.78
60	0.01021	87700	896	87252	1928789	21.99
61	0.01101	86804	956	86327	1841537	21.21
62	0.01183	85849	1016	85341	1755210	20.45
63	0.01267	84833	1075	84295	1669869	19.68
64	0.01360	83758	1139	83188	1585574	18.93
65	0.01467	82619	1212	82013	1502385	18.18
66	0.01594	81407	1298	80758	1420373	17.45
67	0.01746	80109	1399	79409	1339615	16.72
68	0.01922	78710	1513	77954	1260205	16.01
69	0.02120	77197	1637	76379	1182252	15.31
70	0.02337	75560	1765	74678	1105873	14.64
71	0.02569	73795	1896	72847	1031195	13.97
72	0.02819	71899	2026	70886	958349	13.33
73	0.03086	69872	2156	68794	887463	12.70
74	0.03376	67716	2286	66573	818669	12.09
75	0.03689	65430	2414	64223	752096	11.49
76	0.04030	63016	2539	61746	687873	10.92
77	0.04402	60477	2662	59146	626126	10.35
78	0.04809	57814	2780	56424	566981	9.81
79	0.05252	55034	2890	53589	510557	9.28
80	0.05734	52144	2990	50649	456968	8.76
81	0.06260	49154	3077	47615	406319	8.27
82	0.06832	46077	3148	44503	358704	7.78
83	0.07453	42929	3200	41329	314201	7.32
84	0.08129	39729	3230	38114	272872	6.87
85+	1.00000	35685	35685	229263	229263	6.42

**Table 5. Abridged life table: Taichung City(cont. 4)**

2018

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	0.00160	100000	160	8327	8360080	83.60
1M	0.00021	99840	21	8319	8351753	83.65
2M	0.00015	99819	15	8318	8343434	83.59
3M	0.00034	99804	34	24947	8335117	83.52
6M	0.00028	99769	27	49878	8310170	83.29
0	0.00258	100000	258	99788	8360080	83.60
1	0.00037	99742	37	99723	8260292	82.82
2	0.00021	99705	21	99694	8160569	81.85
3	0.00013	99684	13	99677	8060874	80.86
4	0.00010	99671	9	99666	7961197	79.87
5	0.00009	99661	9	99657	7861531	78.88
6	0.00010	99652	10	99647	7761874	77.89
7	0.00010	99642	10	99637	7662227	76.90
8	0.00009	99632	9	99628	7562590	75.91
9	0.00007	99623	7	99620	7462962	74.91
10	0.00006	99616	6	99613	7363343	73.92
11	0.00006	99609	6	99606	7263730	72.92
12	0.00006	99604	6	99601	7164124	71.93
13	0.00007	99597	7	99594	7064523	70.93
14	0.00010	99590	10	99585	6964929	69.94
15	0.00013	99580	13	99574	6865344	68.94
16	0.00016	99567	16	99559	6765771	67.95
17	0.00019	99551	19	99542	6666211	66.96
18	0.00021	99533	21	99522	6566669	65.98
19	0.00023	99512	23	99500	6467147	64.99
20	0.00024	99489	24	99477	6367647	64.00
21	0.00026	99465	26	99452	6268170	63.02
22	0.00027	99439	27	99426	6168719	62.04
23	0.00027	99412	27	99399	6069293	61.05
24	0.00027	99385	27	99372	5969894	60.07
25	0.00027	99358	27	99344	5870523	59.08
26	0.00028	99331	28	99317	5771178	58.10
27	0.00030	99303	29	99288	5671861	57.12
28	0.00033	99274	32	99257	5572573	56.13
29	0.00037	99241	37	99223	5473316	55.15
30	0.00041	99204	41	99184	5374093	54.17
31	0.00046	99163	46	99140	5274909	53.19
32	0.00050	99118	50	99093	5175768	52.22
33	0.00053	99068	53	99042	5076676	51.24
34	0.00056	99015	55	98988	4977634	50.27
35	0.00058	98960	58	98931	4878647	49.30
36	0.00062	98902	61	98872	4779715	48.33
37	0.00066	98841	66	98809	4680844	47.36
38	0.00073	98776	72	98740	4582035	46.39
39	0.00081	98704	80	98664	4483295	45.42

**Table 5. Abridged life table: Taichung City(cont. end)**

2018

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	0.00090	98624	89	98579	4384631	44.46
41	0.00099	98535	98	98486	4286052	43.50
42	0.00108	98437	106	98384	4187566	42.54
43	0.00116	98331	114	98274	4089181	41.59
44	0.00124	98217	122	98156	3990907	40.63
45	0.00132	98096	129	98031	3892751	39.68
46	0.00141	97966	138	97897	3794720	38.74
47	0.00152	97828	149	97754	3696823	37.79
48	0.00165	97679	161	97599	3599069	36.85
49	0.00179	97519	175	97431	3501470	35.91
50	0.00196	97344	190	97248	3404039	34.97
51	0.00213	97153	207	97050	3306791	34.04
52	0.00230	96947	223	96835	3209741	33.11
53	0.00248	96723	240	96604	3112906	32.18
54	0.00266	96484	257	96355	3016302	31.26
55	0.00287	96227	276	96089	2919947	30.34
56	0.00310	95951	297	95802	2823858	29.43
57	0.00337	95654	322	95492	2728056	28.52
58	0.00370	95331	353	95155	2632564	27.61
59	0.00410	94978	389	94784	2537409	26.72
60	0.00450	94589	425	94376	2442625	25.82
61	0.00491	94164	463	93932	2348249	24.94
62	0.00532	93701	499	93452	2254316	24.06
63	0.00573	93203	534	92936	2160865	23.18
64	0.00618	92669	573	92382	2067929	22.32
65	0.00674	92096	621	91786	1975546	21.45
66	0.00747	91475	683	91134	1883761	20.59
67	0.00838	90792	761	90411	1792627	19.74
68	0.00951	90031	856	89603	1702216	18.91
69	0.01081	89175	964	88693	1612613	18.08
70	0.01224	88211	1080	87671	1523920	17.28
71	0.01380	87131	1202	86530	1436250	16.48
72	0.01548	85928	1330	85263	1349720	15.71
73	0.01730	84598	1464	83867	1264457	14.95
74	0.01932	83135	1606	82332	1180590	14.20
75	0.02155	81529	1757	80650	1098258	13.47
76	0.02403	79772	1917	78813	1017608	12.76
77	0.02683	77855	2089	76810	938795	12.06
78	0.02994	75766	2269	74631	861985	11.38
79	0.03341	73497	2456	72269	787353	10.71
80	0.03728	71041	2648	69717	715084	10.07
81	0.04158	68393	2844	66971	645367	9.44
82	0.04637	65549	3039	64030	578395	8.82
83	0.05169	62510	3231	60895	514366	8.23
84	0.05760	59279	3415	57572	453471	7.65
85+	1.00000	54900	54900	386181	386181	7.03