

Department of Statistics, MOI: **Abridged life table of Taiwan, 2017. 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, 2017 life table is calculated with data corresponding to the period 2015-2017, the 2016 is built with the 2014-2016 data and so on.

Table 6. Abridged life table: Tainan City
2017

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	0.00215	100000	215	8324	7972535	79.73
1M	0.00030	99785	30	8314	7964210	79.81
2M	0.00020	99756	20	8312	7955896	79.75
3M	0.00041	99735	41	24929	7947584	79.69
6M	0.00035	99695	35	49839	7922655	79.47
0	0.00340	100000	340	99718	7972535	79.73
1	0.00019	99660	19	99651	7872816	79.00
2	0.00017	99641	17	99633	7773166	78.01
3	0.00017	99625	17	99616	7673533	77.02
4	0.00018	99608	18	99599	7573916	76.04
5	0.00019	99590	19	99581	7474318	75.05
6	0.00019	99571	19	99562	7374737	74.06
7	0.00018	99552	18	99543	7275175	73.08
8	0.00017	99534	17	99526	7175632	72.09
9	0.00015	99518	15	99510	7076106	71.10
10	0.00013	99503	13	99496	6976596	70.11
11	0.00013	99490	13	99483	6877099	69.12
12	0.00014	99477	14	99470	6777616	68.13
13	0.00017	99463	17	99454	6678146	67.14
14	0.00023	99446	22	99435	6578692	66.15
15	0.00029	99423	29	99409	6479257	65.17
16	0.00035	99395	35	99377	6379848	64.19
17	0.00039	99360	39	99341	6280471	63.21
18	0.00041	99321	41	99301	6181130	62.23
19	0.00042	99280	42	99259	6081829	61.26
20	0.00042	99239	42	99218	5982570	60.28
21	0.00042	99197	41	99176	5883352	59.31
22	0.00042	99155	41	99135	5784176	58.33
23	0.00042	99114	42	99093	5685042	57.36
24	0.00043	99072	42	99051	5585949	56.38
25	0.00044	99030	44	99008	5486898	55.41
26	0.00046	98986	46	98963	5387890	54.43
27	0.00049	98941	49	98916	5288927	53.46
28	0.00054	98892	54	98865	5190011	52.48
29	0.00061	98838	60	98808	5091146	51.51
30	0.00068	98778	68	98744	4992338	50.54
31	0.00076	98710	75	98672	4893594	49.58
32	0.00084	98635	83	98593	4794922	48.61
33	0.00091	98552	90	98507	4696329	47.65
34	0.00098	98462	96	98414	4597822	46.70
35	0.00105	98366	103	98315	4499407	45.74
36	0.00114	98263	112	98207	4401093	44.79
37	0.00125	98152	122	98090	4302885	43.84
38	0.00138	98029	136	97961	4204795	42.89
39	0.00155	97894	151	97818	4106833	41.95

Table 6. Abridged life table: Tainan City(cont. 1)

2017

Total

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	0.00172	97742	169	97658	4009016	41.02
41	0.00191	97574	186	97481	3911358	40.09
42	0.00209	97388	203	97286	3813877	39.16
43	0.00226	97184	219	97075	3716591	38.24
44	0.00243	96965	236	96847	3619517	37.33
45	0.00261	96729	252	96603	3522670	36.42
46	0.00280	96477	270	96342	3426066	35.51
47	0.00301	96207	290	96062	3329724	34.61
48	0.00325	95917	311	95762	3233662	33.71
49	0.00351	95606	335	95438	3137900	32.82
50	0.00379	95271	361	95090	3042462	31.93
51	0.00410	94910	389	94715	2947371	31.05
52	0.00444	94521	420	94311	2852656	30.18
53	0.00482	94101	453	93875	2758345	29.31
54	0.00523	93648	490	93403	2664470	28.45
55	0.00567	93159	528	92895	2571067	27.60
56	0.00613	92630	568	92347	2478172	26.75
57	0.00661	92063	608	91758	2385825	25.92
58	0.00711	91454	650	91129	2294067	25.08
59	0.00763	90804	693	90458	2202938	24.26
60	0.00816	90111	735	89744	2112480	23.44
61	0.00873	89376	781	88986	2022736	22.63
62	0.00936	88595	830	88181	1933750	21.83
63	0.01006	87766	883	87325	1845570	21.03
64	0.01084	86883	942	86413	1758245	20.24
65	0.01175	85942	1010	85437	1671833	19.45
66	0.01281	84932	1088	84388	1586396	18.68
67	0.01406	83844	1179	83254	1502008	17.91
68	0.01550	82665	1281	82024	1418754	17.16
69	0.01711	81384	1393	80687	1336730	16.43
70	0.01889	79991	1511	79235	1256042	15.70
71	0.02083	78480	1635	77662	1176807	15.00
72	0.02293	76845	1762	75964	1099145	14.30
73	0.02521	75083	1893	74137	1023181	13.63
74	0.02769	73190	2026	72177	949044	12.97
75	0.03038	71164	2162	70083	876867	12.32
76	0.03331	69002	2298	67853	806783	11.69
77	0.03650	66704	2435	65487	738930	11.08
78	0.03999	64269	2570	62984	673444	10.48
79	0.04381	61699	2703	60347	610459	9.89
80	0.04799	58996	2831	57580	550112	9.32
81	0.05256	56164	2952	54688	492532	8.77
82	0.05754	53213	3062	51682	437844	8.23
83	0.06298	50151	3159	48571	386162	7.70
84	0.06892	46992	3239	45373	337591	7.18
85+	1.00000	43753	43753	292218	292218	6.68

Table 6. Abridged life table: Tainan City(cont. 2)

2017

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	0.00226	100000	226	8324	7667195	76.67
1M	0.00029	99774	29	8313	7658871	76.76
2M	0.00022	99745	22	8311	7650557	76.70
3M	0.00040	99724	40	24926	7642246	76.63
6M	0.00036	99684	36	49833	7617320	76.41
0	0.00352	100000	352	99707	7667195	76.67
1	0.00024	99648	24	99636	7567487	75.94
2	0.00021	99623	21	99613	7467852	74.96
3	0.00020	99603	20	99593	7368239	73.98
4	0.00022	99582	22	99571	7268646	72.99
5	0.00025	99560	25	99548	7169075	72.01
6	0.00026	99535	26	99522	7069527	71.03
7	0.00025	99509	25	99497	6970004	70.04
8	0.00022	99484	22	99473	6870508	69.06
9	0.00018	99462	18	99453	6771034	68.08
10	0.00015	99444	15	99437	6671582	67.09
11	0.00013	99429	13	99423	6572145	66.10
12	0.00013	99417	12	99410	6472722	65.11
13	0.00016	99404	16	99396	6373312	64.12
14	0.00022	99389	22	99378	6273915	63.13
15	0.00030	99367	30	99352	6174538	62.14
16	0.00038	99337	38	99318	6075186	61.16
17	0.00045	99299	45	99277	5975868	60.18
18	0.00050	99254	49	99230	5876591	59.21
19	0.00053	99205	53	99178	5777362	58.24
20	0.00056	99152	56	99124	5678184	57.27
21	0.00059	99096	58	99067	5579059	56.30
22	0.00060	99038	60	99008	5479992	55.33
23	0.00061	98978	61	98948	5380984	54.37
24	0.00062	98918	61	98887	5282036	53.40
25	0.00063	98856	62	98825	5183149	52.43
26	0.00065	98794	64	98762	5084323	51.46
27	0.00069	98730	68	98696	4985561	50.50
28	0.00075	98663	74	98625	4886865	49.53
29	0.00084	98588	83	98547	4788239	48.57
30	0.00094	98505	93	98459	4689692	47.61
31	0.00105	98412	104	98361	4591233	46.65
32	0.00116	98309	114	98252	4492873	45.70
33	0.00125	98195	123	98133	4394621	44.75
34	0.00134	98072	132	98006	4296488	43.81
35	0.00145	97940	142	97869	4198482	42.87
36	0.00158	97798	154	97721	4100613	41.93
37	0.00174	97644	170	97559	4002892	40.99
38	0.00196	97474	191	97378	3905333	40.07
39	0.00222	97283	216	97175	3807954	39.14

Table 6. Abridged life table: Tainan City(cont. 3)

2017

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	0.00250	97067	243	96946	3710780	38.23
41	0.00279	96824	270	96689	3613834	37.32
42	0.00308	96554	297	96405	3517145	36.43
43	0.00336	96257	324	96095	3420739	35.54
44	0.00365	95933	350	95758	3324645	34.66
45	0.00393	95583	376	95395	3228887	33.78
46	0.00423	95207	403	95006	3133492	32.91
47	0.00453	94804	430	94590	3038486	32.05
48	0.00484	94375	456	94147	2943897	31.19
49	0.00515	93918	484	93676	2849750	30.34
50	0.00549	93434	513	93178	2756074	29.50
51	0.00587	92921	546	92648	2662896	28.66
52	0.00631	92375	583	92084	2570248	27.82
53	0.00683	91792	627	91479	2478165	27.00
54	0.00740	91165	675	90828	2386686	26.18
55	0.00802	90491	726	90128	2295858	25.37
56	0.00867	89765	779	89375	2205730	24.57
57	0.00934	88986	831	88570	2116355	23.78
58	0.01005	88155	886	87712	2027785	23.00
59	0.01078	87269	941	86798	1940073	22.23
60	0.01151	86328	993	85831	1853274	21.47
61	0.01227	85334	1047	84811	1767443	20.71
62	0.01307	84287	1102	83736	1682632	19.96
63	0.01390	83186	1157	82607	1598896	19.22
64	0.01483	82029	1216	81421	1516288	18.48
65	0.01591	80813	1286	80170	1434867	17.76
66	0.01721	79527	1369	78843	1354697	17.03
67	0.01878	78158	1468	77425	1275854	16.32
68	0.02061	76691	1581	75900	1198430	15.63
69	0.02266	75110	1702	74259	1122529	14.95
70	0.02489	73408	1827	72494	1048270	14.28
71	0.02727	71581	1952	70605	975776	13.63
72	0.02978	69629	2074	68592	905171	13.00
73	0.03246	67555	2193	66459	836579	12.38
74	0.03534	65362	2310	64207	770121	11.78
75	0.03845	63053	2424	61840	705913	11.20
76	0.04181	60628	2535	59361	644073	10.62
77	0.04548	58094	2642	56773	584712	10.07
78	0.04945	55452	2742	54081	527939	9.52
79	0.05377	52709	2834	51292	473859	8.99
80	0.05846	49875	2915	48417	422566	8.47
81	0.06353	46960	2983	45468	374149	7.97
82	0.06903	43976	3036	42458	328681	7.47
83	0.07499	40940	3070	39405	286223	6.99
84	0.08144	37870	3084	36328	246818	6.52
85+	1.00000	34786	34786	210490	210490	6.05

Table 6. Abridged life table: Tainan City(cont. 4)

2017

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	0.00202	100000	202	8325	8300078	83.00
1M	0.00031	99798	31	8315	8291753	83.09
2M	0.00019	99767	19	8313	8283438	83.03
3M	0.00042	99748	42	24932	8275125	82.96
6M	0.00033	99707	33	49845	8250193	82.74
0	0.00326	100000	326	99730	8300078	83.00
1	0.00013	99674	13	99667	8200348	82.27
2	0.00013	99661	13	99654	8100681	81.28
3	0.00013	99648	13	99641	8001026	80.29
4	0.00013	99635	13	99629	7901385	79.30
5	0.00012	99622	12	99616	7801756	78.31
6	0.00011	99610	11	99605	7702140	77.32
7	0.00011	99599	11	99593	7602535	76.33
8	0.00011	99588	10	99583	7502942	75.34
9	0.00011	99578	11	99572	7403359	74.35
10	0.00012	99567	12	99561	7303787	73.36
11	0.00013	99555	13	99549	7204226	72.36
12	0.00016	99542	15	99534	7104677	71.37
13	0.00019	99527	19	99517	7005143	70.38
14	0.00023	99508	23	99496	6905626	69.40
15	0.00027	99485	27	99471	6806130	68.41
16	0.00031	99457	31	99442	6706658	67.43
17	0.00033	99427	32	99410	6607216	66.45
18	0.00032	99394	32	99378	6507806	65.47
19	0.00030	99362	30	99347	6408428	64.50
20	0.00027	99333	27	99319	6309080	63.51
21	0.00024	99306	24	99294	6209761	62.53
22	0.00022	99282	22	99271	6110467	61.55
23	0.00022	99260	21	99249	6011196	60.56
24	0.00022	99239	22	99228	5911947	59.57
25	0.00024	99217	23	99205	5812719	58.59
26	0.00026	99193	25	99181	5713514	57.60
27	0.00029	99168	28	99154	5614334	56.61
28	0.00032	99140	32	99124	5515180	55.63
29	0.00037	99108	36	99089	5416056	54.65
30	0.00042	99071	41	99050	5316967	53.67
31	0.00047	99030	46	99007	5217917	52.69
32	0.00052	98983	51	98958	5118910	51.71
33	0.00056	98932	55	98904	5019952	50.74
34	0.00060	98877	59	98847	4921048	49.77
35	0.00064	98817	63	98786	4822201	48.80
36	0.00069	98754	68	98720	4723415	47.83
37	0.00074	98686	73	98650	4624695	46.86
38	0.00081	98613	79	98574	4526046	45.90
39	0.00088	98534	87	98490	4427472	44.93

Table 6. Abridged life table: Tainan City(cont. end)

2017

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	0.00096	98447	95	98400	4328982	43.97
41	0.00104	98352	103	98301	4230582	43.01
42	0.00112	98250	110	98195	4132281	42.06
43	0.00118	98140	116	98082	4034086	41.11
44	0.00124	98024	122	97963	3936004	40.15
45	0.00131	97902	128	97838	3838041	39.20
46	0.00140	97774	137	97705	3740204	38.25
47	0.00152	97637	148	97563	3642498	37.31
48	0.00168	97488	164	97406	3544936	36.36
49	0.00188	97324	183	97233	3447530	35.42
50	0.00210	97141	204	97039	3350297	34.49
51	0.00233	96937	226	96824	3253257	33.56
52	0.00257	96711	248	96587	3156433	32.64
53	0.00280	96463	270	96328	3059846	31.72
54	0.00304	96193	293	96046	2963518	30.81
55	0.00330	95900	316	95742	2867472	29.90
56	0.00356	95584	341	95413	2771730	29.00
57	0.00384	95243	366	95060	2676316	28.10
58	0.00414	94877	392	94681	2581256	27.21
59	0.00445	94485	421	94274	2486575	26.32
60	0.00479	94064	450	93839	2392301	25.43
61	0.00519	93613	486	93371	2298462	24.55
62	0.00566	93128	527	92864	2205091	23.68
63	0.00623	92601	577	92312	2112227	22.81
64	0.00690	92024	635	91706	2019915	21.95
65	0.00766	91389	700	91039	1928209	21.10
66	0.00854	90689	774	90301	1837170	20.26
67	0.00953	89914	857	89486	1746869	19.43
68	0.01065	89058	948	88584	1657383	18.61
69	0.01191	88110	1050	87585	1568799	17.81
70	0.01335	87060	1162	86479	1481214	17.01
71	0.01496	85898	1285	85256	1394735	16.24
72	0.01676	84614	1418	83904	1309479	15.48
73	0.01878	83195	1563	82414	1225575	14.73
74	0.02104	81632	1717	80774	1143161	14.00
75	0.02353	79915	1880	78975	1062387	13.29
76	0.02629	78035	2052	77009	983412	12.60
77	0.02934	75983	2230	74868	906403	11.93
78	0.03275	73754	2415	72546	831535	11.27
79	0.03654	71338	2606	70035	758989	10.64
80	0.04076	68732	2801	67331	688954	10.02
81	0.04545	65931	2997	64432	621623	9.43
82	0.05067	62934	3189	61339	557190	8.85
83	0.05648	59745	3374	58058	495851	8.30
84	0.06292	56371	3547	54597	437793	7.77
85+	1.00000	52824	52824	383196	383196	7.25