

Department of Statistics, MOI: **Abridged life table of Taiwan, 2019. 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, 2019 life table is calculated with data corresponding to the period 2017-2019, the 2018 is built with the 2016-2018 data and so on.

Table 21. Abridged life table: Chiayi City
2019

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	0.00231	100000	231	8324	8058967	80.59
1M	0.00026	99769	26	8313	8050643	80.69
2M	0.00022	99743	22	8311	8042330	80.63
3M	0.00044	99722	44	24925	8034019	80.56
6M	0.00037	99678	37	49829	8009094	80.35
0	0.00360	100000	360	99702	8058967	80.59
1	0.00038	99640	38	99622	7959265	79.88
2	0.00021	99603	21	99592	7859643	78.91
3	0.00014	99581	14	99575	7760051	77.93
4	0.00012	99568	12	99562	7660476	76.94
5	0.00013	99556	13	99550	7560915	75.95
6	0.00012	99543	12	99537	7461365	74.96
7	0.00007	99531	7	99527	7361828	73.97
8	0.00004	99524	4	99522	7262300	72.97
9	0.00005	99520	5	99517	7162779	71.97
10	0.00007	99515	6	99512	7063261	70.98
11	0.00009	99509	9	99504	6963749	69.98
12	0.00012	99500	12	99494	6864245	68.99
13	0.00014	99488	14	99481	6764752	68.00
14	0.00016	99474	16	99465	6665271	67.01
15	0.00018	99457	18	99448	6565806	66.02
16	0.00020	99439	20	99429	6466358	65.03
17	0.00021	99420	21	99409	6366928	64.04
18	0.00022	99399	22	99388	6267519	63.05
19	0.00022	99377	22	99366	6168131	62.07
20	0.00023	99355	23	99344	6068765	61.08
21	0.00024	99333	24	99321	5969421	60.10
22	0.00028	99309	28	99295	5870100	59.11
23	0.00034	99281	34	99264	5770805	58.13
24	0.00043	99247	43	99225	5671541	57.15
25	0.00052	99204	52	99178	5572316	56.17
26	0.00060	99152	60	99123	5473138	55.20
27	0.00066	99093	65	99060	5374015	54.23
28	0.00068	99028	67	98994	5274955	53.27
29	0.00068	98960	67	98927	5175961	52.30
30	0.00067	98893	66	98860	5077034	51.34
31	0.00066	98827	65	98794	4978175	50.37
32	0.00065	98762	64	98729	4879381	49.41
33	0.00065	98697	64	98665	4780651	48.44
34	0.00066	98633	65	98600	4681986	47.47
35	0.00069	98568	68	98534	4583386	46.50
36	0.00074	98500	73	98463	4484852	45.53
37	0.00084	98427	83	98385	4386389	44.56
38	0.00100	98344	98	98295	4288003	43.60
39	0.00119	98246	117	98187	4189708	42.65

Table 21. Abridged life table: Chiayi City(cont. 1)

2019

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	0.00142	98129	139	98059	4091521	41.70
41	0.00165	97990	162	97909	3993462	40.75
42	0.00188	97828	184	97736	3895553	39.82
43	0.00210	97644	205	97542	3797817	38.89
44	0.00231	97439	225	97327	3700275	37.98
45	0.00251	97215	244	97092	3602948	37.06
46	0.00272	96970	263	96838	3505856	36.15
47	0.00291	96707	282	96566	3409017	35.25
48	0.00310	96425	299	96276	3312451	34.35
49	0.00329	96126	316	95968	3216176	33.46
50	0.00348	95810	334	95643	3120208	32.57
51	0.00370	95476	353	95300	3024565	31.68
52	0.00394	95123	375	94936	2929265	30.79
53	0.00421	94748	399	94548	2834330	29.91
54	0.00452	94349	426	94136	2739781	29.04
55	0.00486	93923	457	93695	2645645	28.17
56	0.00527	93466	492	93220	2551951	27.30
57	0.00576	92974	536	92706	2458731	26.45
58	0.00637	92438	589	92144	2366025	25.60
59	0.00707	91849	650	91524	2273881	24.76
60	0.00779	91199	710	90844	2182357	23.93
61	0.00850	90489	769	90104	2091513	23.11
62	0.00915	89720	821	89309	2001409	22.31
63	0.00977	88899	869	88464	1912099	21.51
64	0.01042	88030	917	87571	1823635	20.72
65	0.01116	87113	972	86627	1736064	19.93
66	0.01205	86141	1038	85622	1649437	19.15
67	0.01313	85103	1118	84544	1563815	18.38
68	0.01442	83985	1211	83379	1479271	17.61
69	0.01590	82774	1316	82116	1395892	16.86
70	0.01755	81458	1429	80743	1313776	16.13
71	0.01937	80029	1550	79254	1233032	15.41
72	0.02136	78479	1676	77641	1153779	14.70
73	0.02353	76803	1807	75899	1076138	14.01
74	0.02588	74996	1941	74025	1000239	13.34
75	0.02842	73055	2076	72017	926213	12.68
76	0.03114	70979	2210	69874	854197	12.03
77	0.03409	68768	2345	67596	784323	11.41
78	0.03732	66424	2479	65184	716727	10.79
79	0.04084	63945	2612	62639	651542	10.19
80	0.04469	61333	2741	59963	588903	9.60
81	0.04889	58593	2865	57160	528940	9.03
82	0.05348	55728	2980	54238	471780	8.47
83	0.05848	52748	3085	51206	417542	7.92
84	0.06393	49663	3175	48076	366336	7.38
85+	1.00000	43664	43664	295685	295685	6.77

Table 21. Abridged life table: Chiayi City(cont. 2)

2019

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	0.00174	100000	174	8326	7750608	77.51
1M	0.00022	99826	22	8318	7742282	77.56
2M	0.00017	99804	17	8316	7733964	77.49
3M	0.00028	99786	28	24943	7725648	77.42
6M	0.00030	99758	30	49872	7700705	77.19
0	0.00272	100000	272	99775	7750608	77.51
1	0.00066	99728	66	99695	7650833	76.72
2	0.00032	99662	32	99646	7551138	75.77
3	0.00014	99630	14	99623	7451492	74.79
4	0.00006	99616	6	99613	7351869	73.80
5	0.00006	99610	6	99607	7252256	72.81
6	0.00006	99604	6	99601	7152649	71.81
7	0.00001	99598	1	99598	7053048	70.82
8	0.00000	99597	0	99597	6953450	69.82
9	0.00000	99597	0	99597	6853853	68.82
10	0.00002	99597	2	99596	6754256	67.82
11	0.00006	99595	6	99592	6654660	66.82
12	0.00009	99589	9	99584	6555068	65.82
13	0.00012	99580	12	99574	6455483	64.83
14	0.00013	99568	13	99561	6355909	63.84
15	0.00013	99555	13	99549	6256348	62.84
16	0.00014	99542	14	99535	6156800	61.85
17	0.00017	99528	16	99520	6057264	60.86
18	0.00022	99512	22	99501	5957744	59.87
19	0.00029	99490	29	99476	5858243	58.88
20	0.00036	99462	36	99443	5758767	57.90
21	0.00044	99425	44	99404	5659324	56.92
22	0.00051	99382	51	99356	5559920	55.95
23	0.00058	99331	58	99302	5460564	54.97
24	0.00065	99273	64	99241	5361262	54.01
25	0.00070	99209	70	99174	5262021	53.04
26	0.00075	99139	74	99102	5162847	52.08
27	0.00078	99065	77	99026	5063745	51.12
28	0.00078	98988	77	98949	4964719	50.15
29	0.00076	98911	75	98873	4865770	49.19
30	0.00075	98836	74	98799	4766897	48.23
31	0.00074	98762	74	98725	4668098	47.27
32	0.00077	98688	76	98650	4569373	46.30
33	0.00083	98612	82	98572	4470722	45.34
34	0.00091	98531	90	98486	4372151	44.37
35	0.00103	98441	102	98390	4273665	43.41
36	0.00119	98339	117	98280	4175275	42.46
37	0.00141	98222	138	98153	4076994	41.51
38	0.00169	98083	165	98001	3978842	40.57
39	0.00202	97918	198	97819	3880841	39.63

Table 21. Abridged life table: Chiayi City(cont. 3)

2019

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	0.00237	97720	232	97604	3783022	38.71
41	0.00273	97489	266	97356	3685417	37.80
42	0.00304	97223	296	97075	3588062	36.91
43	0.00331	96927	321	96766	3490987	36.02
44	0.00355	96606	343	96434	3394220	35.13
45	0.00378	96263	363	96081	3297786	34.26
46	0.00400	95899	384	95707	3201705	33.39
47	0.00424	95516	405	95313	3105997	32.52
48	0.00450	95111	428	94896	3010684	31.65
49	0.00479	94682	454	94455	2915788	30.80
50	0.00510	94229	481	93988	2821333	29.94
51	0.00544	93748	510	93493	2727344	29.09
52	0.00582	93238	543	92966	2633851	28.25
53	0.00623	92695	578	92406	2540885	27.41
54	0.00668	92117	616	91809	2448479	26.58
55	0.00719	91501	658	91173	2356670	25.76
56	0.00776	90844	705	90491	2265498	24.94
57	0.00845	90139	761	89758	2175006	24.13
58	0.00928	89377	830	88962	2085248	23.33
59	0.01025	88547	907	88094	1996286	22.54
60	0.01119	87640	981	87150	1908192	21.77
61	0.01210	86659	1048	86135	1821043	21.01
62	0.01289	85611	1103	85060	1734907	20.26
63	0.01357	84508	1147	83935	1649848	19.52
64	0.01426	83361	1188	82767	1565913	18.78
65	0.01510	82173	1240	81553	1483146	18.05
66	0.01619	80932	1310	80277	1401594	17.32
67	0.01762	79622	1403	78920	1321317	16.59
68	0.01940	78219	1517	77460	1242396	15.88
69	0.02144	76701	1645	75879	1164936	15.19
70	0.02367	75057	1777	74169	1089057	14.51
71	0.02606	73280	1910	72325	1014889	13.85
72	0.02858	71370	2040	70351	942563	13.21
73	0.03125	69331	2167	68247	872213	12.58
74	0.03411	67164	2291	66018	803965	11.97
75	0.03718	64873	2412	63667	737947	11.38
76	0.04048	62461	2528	61197	674280	10.80
77	0.04407	59932	2641	58612	613084	10.23
78	0.04798	57291	2749	55916	554472	9.68
79	0.05223	54542	2849	53118	498556	9.14
80	0.05684	51693	2938	50224	445438	8.62
81	0.06184	48755	3015	47248	395214	8.11
82	0.06726	45741	3077	44202	347966	7.61
83	0.07315	42664	3121	41103	303763	7.12
84	0.07952	39543	3145	37971	262660	6.64
85+	1.00000	33307	33307	215159	215159	6.46

Table 21. Abridged life table: Chiayi City(cont. 4)

2019

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	0.00294	100000	294	8321	8364074	83.64
1M	0.00031	99706	31	8308	8355753	83.80
2M	0.00027	99676	26	8305	8347445	83.75
3M	0.00063	99649	62	24904	8339140	83.69
6M	0.00045	99587	45	49782	8314235	83.49
0	0.00458	100000	458	99620	8364074	83.64
1	0.00008	99542	8	99537	8264453	83.03
2	0.00010	99533	10	99529	8164916	82.03
3	0.00013	99524	13	99517	8065387	81.04
4	0.00017	99511	17	99502	7965870	80.05
5	0.00021	99494	21	99484	7866368	79.06
6	0.00021	99473	21	99463	7766884	78.08
7	0.00017	99452	17	99443	7667421	77.10
8	0.00014	99435	14	99428	7567978	76.11
9	0.00012	99421	12	99415	7468550	75.12
10	0.00012	99408	12	99402	7369136	74.13
11	0.00013	99396	13	99390	7269733	73.14
12	0.00014	99384	14	99377	7170343	72.15
13	0.00017	99370	17	99361	7070967	71.16
14	0.00020	99353	20	99343	6971605	70.17
15	0.00024	99333	23	99321	6872263	69.18
16	0.00026	99309	26	99296	6772941	68.20
17	0.00026	99284	26	99271	6673645	67.22
18	0.00022	99258	22	99247	6574374	66.24
19	0.00015	99236	15	99229	6475127	65.25
20	0.00008	99221	8	99217	6375898	64.26
21	0.00003	99213	3	99211	6276681	63.26
22	0.00003	99210	3	99208	6177469	62.27
23	0.00009	99206	9	99202	6078261	61.27
24	0.00020	99197	20	99187	5979060	60.27
25	0.00033	99177	32	99161	5879873	59.29
26	0.00044	99145	44	99123	5780712	58.31
27	0.00053	99101	52	99075	5681589	57.33
28	0.00058	99048	57	99020	5582514	56.36
29	0.00059	98991	59	98962	5483495	55.39
30	0.00059	98933	58	98903	5384533	54.43
31	0.00057	98874	56	98846	5285629	53.46
32	0.00053	98818	53	98792	5186783	52.49
33	0.00048	98765	48	98741	5087991	51.52
34	0.00042	98718	41	98697	4989250	50.54
35	0.00036	98676	35	98658	4890553	49.56
36	0.00032	98641	32	98625	4791895	48.58
37	0.00032	98609	32	98593	4693270	47.59
38	0.00038	98577	37	98559	4594677	46.61
39	0.00047	98540	46	98517	4496118	45.63

Table 21. Abridged life table: Chiayi City(cont. end)

2019

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	0.00060	98494	59	98464	4397602	44.65
41	0.00074	98435	73	98398	4299137	43.67
42	0.00090	98362	88	98318	4200739	42.71
43	0.00107	98274	105	98221	4102421	41.74
44	0.00125	98168	123	98107	4004200	40.79
45	0.00144	98045	141	97975	3906093	39.84
46	0.00161	97904	158	97825	3808119	38.90
47	0.00176	97746	172	97661	3710293	37.96
48	0.00187	97575	182	97484	3612633	37.02
49	0.00195	97393	190	97298	3515149	36.09
50	0.00202	97203	197	97105	3417851	35.16
51	0.00211	97006	204	96904	3320746	34.23
52	0.00221	96802	214	96695	3223842	33.30
53	0.00234	96588	226	96475	3127147	32.38
54	0.00250	96362	241	96241	3030672	31.45
55	0.00270	96121	260	95991	2934431	30.53
56	0.00295	95861	283	95720	2838440	29.61
57	0.00326	95578	312	95423	2742720	28.70
58	0.00365	95267	348	95093	2647298	27.79
59	0.00412	94919	391	94723	2552205	26.89
60	0.00463	94528	438	94309	2457482	26.00
61	0.00516	94090	486	93847	2363174	25.12
62	0.00572	93604	535	93336	2269327	24.24
63	0.00631	93069	587	92775	2175990	23.38
64	0.00695	92482	642	92160	2083215	22.53
65	0.00764	91839	702	91488	1991055	21.68
66	0.00840	91138	765	90755	1899567	20.84
67	0.00922	90372	833	89956	1808811	20.02
68	0.01013	89539	907	89086	1718856	19.20
69	0.01117	88632	990	88137	1629770	18.39
70	0.01238	87642	1085	87099	1541633	17.59
71	0.01379	86557	1193	85960	1454534	16.80
72	0.01541	85364	1316	84706	1368574	16.03
73	0.01726	84048	1451	83322	1283868	15.28
74	0.01932	82597	1596	81799	1200546	14.53
75	0.02157	81001	1747	80128	1118746	13.81
76	0.02401	79254	1903	78303	1038619	13.10
77	0.02665	77351	2062	76320	960316	12.42
78	0.02958	75290	2227	74176	883995	11.74
79	0.03283	73062	2398	71863	809819	11.08
80	0.03642	70664	2574	69377	737956	10.44
81	0.04040	68091	2751	66715	668579	9.82
82	0.04480	65340	2927	63876	601863	9.21
83	0.04967	62413	3100	60863	537987	8.62
84	0.05506	59313	3265	57680	477124	8.04
85+	1.00000	53817	53817	380182	380182	7.06