

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 9. Abridged life table: Hsinchu County
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	0.00214	100000	214	8324	8076560	80.77
1M	0.00025	99786	24	8314	8068236	80.86
2M	0.00020	99762	20	8313	8059921	80.79
3M	0.00040	99741	40	24930	8051608	80.72
6M	0.00036	99701	36	49841	8026678	80.51
0	0.00335	100000	335	99723	8076560	80.77
1	0.00017	99665	17	99656	7976837	80.04
2	0.00021	99648	21	99638	7877180	79.05
3	0.00023	99627	23	99616	7777542	78.07
4	0.00023	99605	22	99594	7677926	77.08
5	0.00021	99582	21	99572	7578333	76.10
6	0.00017	99562	16	99554	7478761	75.12
7	0.00010	99545	10	99540	7379207	74.13
8	0.00005	99536	5	99533	7279667	73.14
9	0.00003	99531	3	99530	7180133	72.14
10	0.00003	99528	3	99527	7080604	71.14
11	0.00005	99526	5	99523	6981077	70.14
12	0.00010	99520	10	99515	6881554	69.15
13	0.00018	99511	18	99502	6782038	68.15
14	0.00028	99493	28	99479	6682536	67.17
15	0.00039	99465	38	99446	6583057	66.18
16	0.00048	99427	48	99403	6483611	65.21
17	0.00054	99379	54	99352	6384208	64.24
18	0.00055	99326	55	99298	6284856	63.28
19	0.00052	99271	52	99245	6185558	62.31
20	0.00048	99219	47	99196	6086312	61.34
21	0.00044	99172	43	99150	5987117	60.37
22	0.00041	99129	41	99108	5887967	59.40
23	0.00042	99088	42	99067	5788859	58.42
24	0.00045	99046	44	99024	5689792	57.45
25	0.00048	99002	48	98978	5590768	56.47
26	0.00052	98954	52	98928	5491790	55.50
27	0.00056	98902	55	98875	5392862	54.53
28	0.00059	98847	58	98818	5293987	53.56
29	0.00062	98789	61	98758	5195169	52.59
30	0.00065	98728	64	98696	5096411	51.62
31	0.00069	98664	68	98630	4997715	50.65
32	0.00074	98596	73	98560	4899085	49.69
33	0.00081	98523	80	98484	4800525	48.72
34	0.00089	98444	88	98400	4702042	47.76
35	0.00098	98356	97	98308	4603642	46.81
36	0.00108	98260	107	98206	4505334	45.85
37	0.00119	98153	117	98094	4407128	44.90
38	0.00131	98036	129	97971	4309033	43.95
39	0.00144	97907	141	97837	4211062	43.01

Table 9. Abridged life table: Hsinchu County(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	0.00157	97766	154	97689	4113225	42.07
41	0.00172	97612	168	97528	4015536	41.14
42	0.00188	97444	184	97353	3918007	40.21
43	0.00206	97261	200	97161	3820655	39.28
44	0.00224	97061	218	96952	3723494	38.36
45	0.00245	96843	237	96724	3626542	37.45
46	0.00266	96606	257	96477	3529818	36.54
47	0.00289	96349	279	96209	3433340	35.63
48	0.00315	96070	303	95919	3337131	34.74
49	0.00342	95767	328	95604	3241212	33.84
50	0.00371	95440	354	95263	3145608	32.96
51	0.00399	95086	380	94896	3050346	32.08
52	0.00427	94706	405	94504	2955449	31.21
53	0.00454	94302	428	94088	2860945	30.34
54	0.00481	93873	452	93648	2766858	29.47
55	0.00509	93422	476	93184	2673210	28.61
56	0.00539	92946	501	92696	2580026	27.76
57	0.00571	92445	528	92181	2487330	26.91
58	0.00607	91917	558	91638	2395149	26.06
59	0.00646	91359	590	91064	2303511	25.21
60	0.00688	90769	624	90457	2212447	24.37
61	0.00737	90145	664	89812	2121990	23.54
62	0.00795	89480	711	89125	2032177	22.71
63	0.00863	88769	766	88386	1943053	21.89
64	0.00942	88003	829	87588	1854667	21.08
65	0.01030	87174	898	86725	1767079	20.27
66	0.01128	86276	973	85790	1680354	19.48
67	0.01236	85303	1054	84776	1594564	18.69
68	0.01355	84249	1142	83678	1509788	17.92
69	0.01488	83107	1237	82488	1426111	17.16
70	0.01637	81870	1340	81200	1343623	16.41
71	0.01803	80530	1452	79804	1262423	15.68
72	0.01988	79078	1572	78292	1182619	14.96
73	0.02194	77506	1700	76655	1104327	14.25
74	0.02418	75805	1833	74889	1027671	13.56
75	0.02663	73972	1970	72987	952783	12.88
76	0.02928	72002	2108	70948	879796	12.22
77	0.03215	69894	2247	68771	808847	11.57
78	0.03530	67647	2388	66453	740076	10.94
79	0.03874	65260	2528	63995	673623	10.32
80	0.04252	62731	2667	61397	609627	9.72
81	0.04666	60064	2803	58662	548230	9.13
82	0.05119	57261	2931	55796	489567	8.55
83	0.05615	54330	3050	52805	433772	7.98
84	0.06157	51280	3157	49701	380967	7.43
85+	1.00000	46013	46013	318795	318795	6.93

Table 9. Abridged life table: Hsinchu County(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	0.00219	100000	219	8324	7787136	77.87
1M	0.00026	99781	26	8314	7778812	77.96
2M	0.00021	99755	21	8312	7770498	77.90
3M	0.00037	99734	37	24929	7762186	77.83
6M	0.00038	99697	38	49839	7737257	77.61
0	0.00341	100000	341	99718	7787136	77.87
1	0.00019	99659	19	99649	7687418	77.14
2	0.00029	99640	29	99625	7587769	76.15
3	0.00033	99611	33	99594	7488144	75.17
4	0.00031	99578	31	99562	7388550	74.20
5	0.00026	99547	26	99534	7288987	73.22
6	0.00019	99520	19	99511	7189454	72.24
7	0.00010	99501	10	99496	7089943	71.25
8	0.00005	99491	5	99489	6990447	70.26
9	0.00004	99486	4	99484	6890958	69.27
10	0.00005	99483	5	99480	6791474	68.27
11	0.00009	99477	9	99473	6691994	67.27
12	0.00016	99468	16	99460	6592521	66.28
13	0.00027	99452	27	99438	6493062	65.29
14	0.00039	99425	39	99405	6393624	64.31
15	0.00053	99386	52	99360	6294218	63.33
16	0.00064	99334	64	99302	6194858	62.36
17	0.00071	99270	71	99235	6095557	61.40
18	0.00073	99199	72	99163	5996322	60.45
19	0.00070	99127	69	99093	5897159	59.49
20	0.00065	99058	65	99026	5798066	58.53
21	0.00060	98993	60	98963	5699041	57.57
22	0.00057	98934	57	98905	5600077	56.60
23	0.00057	98877	56	98849	5501172	55.64
24	0.00058	98821	58	98792	5402323	54.67
25	0.00061	98763	60	98733	5303530	53.70
26	0.00066	98703	65	98671	5204797	52.73
27	0.00071	98638	70	98603	5106126	51.77
28	0.00079	98568	78	98529	5007523	50.80
29	0.00088	98490	87	98447	4908994	49.84
30	0.00098	98404	97	98355	4810547	48.89
31	0.00110	98307	108	98253	4712192	47.93
32	0.00121	98199	119	98140	4613939	46.99
33	0.00132	98080	129	98016	4515800	46.04
34	0.00143	97951	140	97881	4417784	45.10
35	0.00155	97811	151	97735	4319903	44.17
36	0.00168	97660	164	97578	4222168	43.23
37	0.00183	97496	178	97406	4124590	42.31
38	0.00200	97317	195	97220	4027183	41.38
39	0.00220	97122	214	97015	3929964	40.46

Table 9. Abridged life table: Hsinchu County(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	0.00241	96909	233	96792	3832948	39.55
41	0.00263	96675	254	96548	3736156	38.65
42	0.00284	96421	274	96284	3639608	37.75
43	0.00305	96147	293	96001	3543324	36.85
44	0.00325	95854	311	95699	3447323	35.96
45	0.00346	95543	331	95378	3351625	35.08
46	0.00371	95212	353	95036	3256247	34.20
47	0.00401	94859	381	94669	3161211	33.33
48	0.00440	94479	415	94271	3066542	32.46
49	0.00484	94063	455	93836	2972271	31.60
50	0.00530	93608	496	93360	2878435	30.75
51	0.00574	93112	535	92845	2785075	29.91
52	0.00613	92578	567	92294	2692230	29.08
53	0.00644	92010	593	91714	2599936	28.26
54	0.00671	91418	614	91111	2508222	27.44
55	0.00697	90804	633	90488	2417111	26.62
56	0.00726	90171	654	89844	2326624	25.80
57	0.00759	89517	680	89177	2236780	24.99
58	0.00798	88837	709	88483	2147603	24.17
59	0.00844	88128	744	87756	2059120	23.37
60	0.00896	87384	783	86993	1971364	22.56
61	0.00961	86601	832	86185	1884371	21.76
62	0.01041	85770	893	85323	1798186	20.97
63	0.01140	84876	968	84392	1712863	20.18
64	0.01255	83908	1053	83382	1628470	19.41
65	0.01378	82856	1142	82285	1545088	18.65
66	0.01508	81714	1232	81098	1462804	17.90
67	0.01640	80482	1320	79822	1381706	17.17
68	0.01778	79162	1407	78458	1301884	16.45
69	0.01928	77754	1499	77005	1223426	15.73
70	0.02097	76255	1599	75456	1146421	15.03
71	0.02291	74656	1711	73801	1070965	14.35
72	0.02513	72945	1833	72029	997165	13.67
73	0.02762	71112	1964	70130	925136	13.01
74	0.03035	69148	2099	68099	855006	12.36
75	0.03330	67049	2233	65933	786907	11.74
76	0.03647	64817	2364	63635	720974	11.12
77	0.03985	62453	2489	61209	657339	10.53
78	0.04354	59964	2611	58659	596130	9.94
79	0.04757	57353	2728	55989	537472	9.37
80	0.05196	54625	2838	53206	481482	8.81
81	0.05674	51787	2938	50317	428277	8.27
82	0.06195	48848	3026	47335	377959	7.74
83	0.06761	45822	3098	44273	330624	7.22
84	0.07378	42724	3152	41148	286351	6.70
85+	1.00000	36984	36984	229125	229125	6.20

Table 9. Abridged life table: Hsinchu County(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	0.00208	100000	208	8325	8410348	84.10
1M	0.00023	99792	22	8315	8402023	84.20
2M	0.00020	99769	20	8313	8393708	84.13
3M	0.00045	99750	44	24932	8385394	84.06
6M	0.00034	99706	34	49844	8360463	83.85
0	0.00328	100000	328	99729	8410348	84.10
1	0.00014	99672	14	99665	8310618	83.38
2	0.00012	99658	12	99652	8210954	82.39
3	0.00012	99646	12	99640	8111302	81.40
4	0.00013	99634	13	99627	8011662	80.41
5	0.00014	99621	14	99614	7912035	79.42
6	0.00014	99606	13	99600	7812421	78.43
7	0.00009	99593	9	99588	7712822	77.44
8	0.00004	99584	4	99582	7613233	76.45
9	0.00002	99579	2	99579	7513652	75.45
10	0.00000	99578	0	99578	7414073	74.45
11	0.00000	99578	0	99578	7314495	73.46
12	0.00003	99577	3	99576	7214918	72.46
13	0.00008	99575	8	99571	7115342	71.46
14	0.00015	99567	15	99559	7015771	70.46
15	0.00023	99552	23	99540	6916212	69.47
16	0.00030	99529	30	99514	6816671	68.49
17	0.00035	99499	35	99481	6717157	67.51
18	0.00035	99464	35	99447	6617676	66.53
19	0.00033	99429	32	99413	6518229	65.56
20	0.00029	99397	29	99382	6418816	64.58
21	0.00025	99368	25	99355	6319434	63.60
22	0.00024	99343	24	99331	6220079	62.61
23	0.00026	99319	26	99306	6120748	61.63
24	0.00030	99293	29	99279	6021442	60.64
25	0.00034	99264	33	99247	5922163	59.66
26	0.00037	99231	37	99212	5822916	58.68
27	0.00039	99193	38	99174	5723704	57.70
28	0.00037	99155	36	99137	5624529	56.72
29	0.00033	99119	32	99103	5525392	55.75
30	0.00028	99086	28	99072	5426290	54.76
31	0.00025	99058	25	99046	5327217	53.78
32	0.00025	99033	25	99021	5228172	52.79
33	0.00028	99009	28	98995	5129150	51.80
34	0.00034	98981	34	98964	5030156	50.82
35	0.00042	98947	42	98926	4931191	49.84
36	0.00050	98906	50	98881	4832265	48.86
37	0.00058	98856	57	98827	4733384	47.88
38	0.00064	98798	64	98767	4634557	46.91
39	0.00070	98735	69	98700	4535791	45.94

Table 9. Abridged life table: Hsinchu County(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	0.00076	98666	75	98628	4437090	44.97
41	0.00083	98591	82	98550	4338462	44.00
42	0.00093	98509	92	98463	4239912	43.04
43	0.00107	98417	105	98365	4141449	42.08
44	0.00123	98312	121	98252	4043084	41.12
45	0.00140	98192	137	98123	3944832	40.17
46	0.00156	98055	153	97978	3846708	39.23
47	0.00170	97902	167	97818	3748730	38.29
48	0.00181	97735	177	97646	3650912	37.36
49	0.00190	97558	185	97465	3553266	36.42
50	0.00199	97373	193	97276	3455800	35.49
51	0.00210	97179	204	97077	3358525	34.56
52	0.00225	96975	218	96866	3261447	33.63
53	0.00246	96757	238	96638	3164581	32.71
54	0.00272	96519	263	96387	3067943	31.79
55	0.00301	96256	290	96111	2971556	30.87
56	0.00331	95966	318	95807	2875445	29.96
57	0.00363	95648	347	95475	2779638	29.06
58	0.00395	95301	376	95113	2684163	28.16
59	0.00429	94925	407	94722	2589050	27.27
60	0.00462	94518	436	94300	2494328	26.39
61	0.00497	94082	468	93848	2400028	25.51
62	0.00534	93614	500	93364	2306180	24.63
63	0.00574	93114	534	92847	2212816	23.76
64	0.00619	92580	573	92293	2119969	22.90
65	0.00675	92007	621	91697	2027675	22.04
66	0.00744	91386	680	91046	1935979	21.18
67	0.00830	90706	753	90330	1844933	20.34
68	0.00933	89954	840	89534	1754603	19.51
69	0.01052	89114	938	88645	1665069	18.68
70	0.01183	88176	1043	87655	1576424	17.88
71	0.01325	87133	1155	86556	1488769	17.09
72	0.01479	85978	1272	85342	1402213	16.31
73	0.01646	84707	1395	84009	1316871	15.55
74	0.01830	83312	1525	82550	1232861	14.80
75	0.02033	81787	1663	80956	1150312	14.06
76	0.02258	80124	1809	79219	1069356	13.35
77	0.02508	78315	1964	77333	990137	12.64
78	0.02786	76350	2127	75287	912804	11.96
79	0.03094	74223	2296	73075	837517	11.28
80	0.03435	71927	2471	70692	764442	10.63
81	0.03813	69456	2649	68132	693751	9.99
82	0.04232	66808	2827	65394	625618	9.36
83	0.04696	63980	3004	62478	560224	8.76
84	0.05209	60976	3176	59388	497746	8.16
85+	1.00000	56564	56564	436234	436234	7.71