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Table TN-2. Life table for males: Tennessee, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007778	100,000	778	99,334	7,275,682	72.8
1-2	0.000623	99,222	62	99,191	7,176,347	72.3
2-3	0.000262	99,160	26	99,147	7,077,156	71.4
3-4	0.000262	99,134	26	99,121	6,978,009	70.4
4-5	0.000143	99,108	14	99,101	6,878,887	69.4
5-6	0.000224	99,094	22	99,083	6,779,786	68.4
6-7	0.000226	99,072	22	99,061	6,680,703	67.4
7-8	0.000213	99,050	21	99,039	6,581,642	66.4
8-9	0.000179	99,029	18	99,020	6,482,603	65.5
9-10	0.000130	99,011	13	99,004	6,383,583	64.5
10-11	0.000083	98,998	8	98,994	6,284,579	63.5
11-12	0.000062	98,990	6	98,987	6,185,585	62.5
12-13	0.000097	98,984	10	98,979	6,086,598	61.5
13-14	0.000205	98,974	20	98,964	5,987,619	60.5
14-15	0.000372	98,954	37	98,935	5,888,656	59.5
15-16	0.000558	98,917	55	98,889	5,789,720	58.5
16-17	0.000744	98,862	74	98,825	5,690,831	57.6
17-18	0.000943	98,788	93	98,742	5,592,006	56.6
18-19	0.001145	98,695	113	98,639	5,493,264	55.7
19-20	0.001342	98,582	132	98,516	5,394,626	54.7
20-21	0.001550	98,450	153	98,373	5,296,110	53.8
21-22	0.001750	98,297	172	98,211	5,197,737	52.9
22-23	0.001895	98,125	186	98,032	5,099,526	52.0
23-24	0.001966	97,939	193	97,843	5,001,493	51.1
24-25	0.001986	97,747	194	97,650	4,903,651	50.2
25-26	0.001984	97,553	194	97,456	4,806,001	49.3
26-27	0.001994	97,359	194	97,262	4,708,545	48.4
27-28	0.002032	97,165	197	97,066	4,611,283	47.5
28-29	0.002115	96,967	205	96,865	4,514,217	46.6
29-30	0.002235	96,762	216	96,654	4,417,353	45.7
30-31	0.002377	96,546	229	96,431	4,320,698	44.8
31-32	0.002516	96,317	242	96,195	4,224,267	43.9
32-33	0.002601	96,074	250	95,949	4,128,072	43.0
33-34	0.002734	95,824	262	95,693	4,032,122	42.1
34-35	0.002804	95,562	268	95,428	3,936,429	41.2
35-36	0.002882	95,294	275	95,157	3,841,000	40.3
36-37	0.002983	95,020	283	94,878	3,745,843	39.4
37-38	0.003091	94,736	293	94,590	3,650,965	38.5
38-39	0.003210	94,444	303	94,292	3,556,375	37.7
39-40	0.003351	94,140	315	93,983	3,462,083	36.8
40-41	0.003503	93,825	329	93,661	3,368,100	35.9
41-42	0.003690	93,496	345	93,324	3,274,439	35.0
42-43	0.003951	93,151	368	92,967	3,181,116	34.1
43-44	0.004294	92,783	398	92,584	3,088,148	33.3
44-45	0.004688	92,385	433	92,168	2,995,564	32.4
45-46	0.005133	91,952	472	91,716	2,903,396	31.6
46-47	0.005578	91,480	510	91,225	2,811,680	30.7
47-48	0.005965	90,970	543	90,698	2,720,455	29.9
48-49	0.006280	90,427	568	90,143	2,629,757	29.1
49-50	0.006576	89,859	591	89,564	2,539,614	28.3
50-51	0.006858	89,268	612	88,962	2,450,050	27.4
51-52	0.007240	88,656	642	88,335	2,361,088	26.6
52-53	0.007856	88,014	691	87,668	2,272,753	25.8

Table TN-2. Life table for males: Tennessee, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.008758	87,323	765	86,940	2,185,084	25.0
54-55	0.009838	86,558	852	86,132	2,098,144	24.2
55-56	0.010964	85,706	940	85,236	2,012,012	23.5
56-57	0.012029	84,767	1,020	84,257	1,926,776	22.7
57-58	0.013019	83,747	1,090	83,202	1,842,519	22.0
58-59	0.013917	82,657	1,150	82,082	1,759,317	21.3
59-60	0.014769	81,506	1,204	80,904	1,677,235	20.6
60-61	0.015651	80,303	1,257	79,674	1,596,331	19.9
61-62	0.016597	79,046	1,312	78,390	1,516,657	19.2
62-63	0.017594	77,734	1,368	77,050	1,438,267	18.5
63-64	0.018661	76,366	1,425	75,654	1,361,217	17.8
64-65	0.019807	74,941	1,484	74,199	1,285,564	17.2
65-66	0.021043	73,457	1,546	72,684	1,211,365	16.5
66-67	0.022550	71,911	1,622	71,100	1,138,681	15.8
67-68	0.024013	70,289	1,688	69,445	1,067,581	15.2
68-69	0.025465	68,601	1,747	67,728	998,136	14.5
69-70	0.026964	66,855	1,803	65,953	930,408	13.9
70-71	0.028551	65,052	1,857	64,123	864,454	13.3
71-72	0.030349	63,195	1,918	62,236	800,331	12.7
72-73	0.032489	61,277	1,991	60,281	738,095	12.0
73-74	0.035115	59,286	2,082	58,245	677,814	11.4
74-75	0.038288	57,204	2,190	56,109	619,569	10.8
75-76	0.041982	55,014	2,310	53,859	563,460	10.2
76-77	0.046117	52,704	2,431	51,489	509,601	9.7
77-78	0.050772	50,274	2,552	48,997	458,113	9.1
78-79	0.056129	47,721	2,679	46,382	409,115	8.6
79-80	0.062190	45,043	2,801	43,642	362,733	8.1
80-81	0.068835	42,241	2,908	40,788	319,091	7.6
81-82	0.076000	39,334	2,989	37,839	278,304	7.1
82-83	0.083752	36,344	3,044	34,822	240,465	6.6
83-84	0.092400	33,300	3,077	31,762	205,642	6.2
84-85	0.102335	30,223	3,093	28,677	173,881	5.8
85-86	0.113506	27,131	3,079	25,591	145,204	5.4
86-87	0.126186	24,051	3,035	22,534	119,613	5.0
87-88	0.139924	21,016	2,941	19,546	97,079	4.6
88-89	0.154730	18,075	2,797	16,677	77,533	4.3
89-90	0.170595	15,279	2,606	13,975	60,856	4.0
90-91	0.187491	12,672	2,376	11,484	46,881	3.7
91-92	0.205367	10,296	2,115	9,239	35,397	3.4
92-93	0.224151	8,182	1,834	7,265	26,158	3.2
93-94	0.243745	6,348	1,547	5,574	18,893	3.0
94-95	0.264030	4,801	1,267	4,167	13,319	2.8
95-96	0.284865	3,533	1,006	3,030	9,152	2.6
96-97	0.306095	2,527	773	2,140	6,122	2.4
97-98	0.327550	1,753	574	1,466	3,982	2.3
98-99	0.349053	1,179	412	973	2,516	2.1
99-100	0.370426	767	284	625	1,543	2.0
100 and over	1.000000	483	483	917	917	1.9

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table TN-3. Life table for females: Tennessee, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.006182	100,000	618	99,445	7,848,415	78.5
1-2	0.000326	99,382	32	99,366	7,748,970	78.0
2-3	0.000174	99,349	17	99,341	7,649,604	77.0
3-4	0.000149	99,332	15	99,325	7,550,263	76.0
4-5	0.000125	99,317	12	99,311	7,450,938	75.0
5-6	0.000138	99,305	14	99,298	7,351,627	74.0
6-7	0.000137	99,291	14	99,284	7,252,329	73.0
7-8	0.000138	99,278	14	99,271	7,153,045	72.1
8-9	0.000139	99,264	14	99,257	7,053,774	71.1
9-10	0.000141	99,250	14	99,243	6,954,517	70.1
10-11	0.000146	99,236	15	99,229	6,855,274	69.1
11-12	0.000157	99,222	16	99,214	6,756,045	68.1
12-13	0.000175	99,206	17	99,197	6,656,831	67.1
13-14	0.000203	99,189	20	99,179	6,557,634	66.1
14-15	0.000241	99,169	24	99,157	6,458,455	65.1
15-16	0.000284	99,145	28	99,131	6,359,298	64.1
16-17	0.000331	99,117	33	99,100	6,260,168	63.2
17-18	0.000380	99,084	38	99,065	6,161,068	62.2
18-19	0.000428	99,046	42	99,025	6,062,003	61.2
19-20	0.000476	99,004	47	98,980	5,962,978	60.2
20-21	0.000527	98,957	52	98,930	5,863,998	59.3
21-22	0.000582	98,904	58	98,876	5,765,068	58.3
22-23	0.000635	98,847	63	98,815	5,666,192	57.3
23-24	0.000681	98,784	67	98,750	5,567,377	56.4
24-25	0.000724	98,717	71	98,681	5,468,626	55.4
25-26	0.000760	98,645	75	98,608	5,369,945	54.4
26-27	0.000801	98,570	79	98,531	5,271,337	53.5
27-28	0.000865	98,491	85	98,449	5,172,806	52.5
28-29	0.000961	98,406	95	98,359	5,074,358	51.6
29-30	0.001086	98,312	107	98,258	4,975,999	50.6
30-31	0.001234	98,205	121	98,144	4,877,741	49.7
31-32	0.001379	98,084	135	98,016	4,779,596	48.7
32-33	0.001473	97,948	144	97,876	4,681,580	47.8
33-34	0.001570	97,804	154	97,727	4,583,704	46.9
34-35	0.001605	97,651	157	97,572	4,485,977	45.9
35-36	0.001638	97,494	160	97,414	4,388,405	45.0
36-37	0.001690	97,334	164	97,252	4,290,991	44.1
37-38	0.001748	97,170	170	97,085	4,193,739	43.2
38-39	0.001821	97,000	177	96,911	4,096,654	42.2
39-40	0.001913	96,823	185	96,730	3,999,743	41.3
40-41	0.002015	96,638	195	96,541	3,903,012	40.4
41-42	0.002137	96,443	206	96,340	3,806,472	39.5
42-43	0.002296	96,237	221	96,127	3,710,132	38.6
43-44	0.002493	96,016	239	95,896	3,614,005	37.6
44-45	0.002717	95,777	260	95,647	3,518,109	36.7
45-46	0.002958	95,516	283	95,375	3,422,462	35.8
46-47	0.003207	95,234	305	95,081	3,327,087	34.9
47-48	0.003463	94,928	329	94,764	3,232,006	34.0
48-49	0.003733	94,600	353	94,423	3,137,242	33.2
49-50	0.004029	94,247	380	94,057	3,042,819	32.3
50-51	0.004361	93,867	409	93,662	2,948,762	31.4
51-52	0.004730	93,457	442	93,236	2,855,100	30.5
52-53	0.005125	93,015	477	92,777	2,761,863	29.7

Table TN-3. Life table for females: Tennessee, 2019

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.005529	92,539	512	92,283	2,669,086	28.8
54-55	0.005935	92,027	546	91,754	2,576,804	28.0
55-56	0.006312	91,481	577	91,192	2,485,050	27.2
56-57	0.006714	90,903	610	90,598	2,393,858	26.3
57-58	0.007223	90,293	652	89,967	2,303,259	25.5
58-59	0.007887	89,641	707	89,287	2,213,293	24.7
59-60	0.008674	88,934	771	88,548	2,124,005	23.9
60-61	0.009564	88,162	843	87,741	2,035,457	23.1
61-62	0.010437	87,319	911	86,864	1,947,716	22.3
62-63	0.011188	86,408	967	85,924	1,860,853	21.5
63-64	0.011744	85,441	1,003	84,939	1,774,928	20.8
64-65	0.012177	84,438	1,028	83,924	1,689,989	20.0
65-66	0.012589	83,410	1,050	82,885	1,606,065	19.3
66-67	0.013199	82,360	1,087	81,816	1,523,181	18.5
67-68	0.014050	81,273	1,142	80,702	1,441,364	17.7
68-69	0.015215	80,131	1,219	79,521	1,360,663	17.0
69-70	0.016648	78,911	1,314	78,255	1,281,142	16.2
70-71	0.018247	77,598	1,416	76,890	1,202,887	15.5
71-72	0.019983	76,182	1,522	75,421	1,125,998	14.8
72-73	0.021929	74,659	1,637	73,841	1,050,577	14.1
73-74	0.024128	73,022	1,762	72,141	976,736	13.4
74-75	0.026644	71,260	1,899	70,311	904,595	12.7
75-76	0.029513	69,362	2,047	68,338	834,284	12.0
76-77	0.032748	67,315	2,204	66,212	765,946	11.4
77-78	0.036352	65,110	2,367	63,927	699,734	10.7
78-79	0.040361	62,743	2,532	61,477	635,807	10.1
79-80	0.044806	60,211	2,698	58,862	574,330	9.5
80-81	0.049679	57,513	2,857	56,084	515,468	9.0
81-82	0.055167	54,656	3,015	53,148	459,384	8.4
82-83	0.061492	51,641	3,176	50,053	406,236	7.9
83-84	0.068721	48,465	3,331	46,800	356,183	7.3
84-85	0.076960	45,135	3,474	43,398	309,383	6.9
85-86	0.086190	41,661	3,591	39,866	265,985	6.4
86-87	0.096502	38,070	3,674	36,233	226,119	5.9
87-88	0.107818	34,396	3,709	32,542	189,886	5.5
88-89	0.120182	30,688	3,688	28,844	157,344	5.1
89-90	0.133624	27,000	3,608	25,196	128,500	4.8
90-91	0.148162	23,392	3,466	21,659	103,304	4.4
91-92	0.163796	19,926	3,264	18,294	81,645	4.1
92-93	0.180505	16,662	3,008	15,159	63,351	3.8
93-94	0.198247	13,655	2,707	12,301	48,192	3.5
94-95	0.216954	10,948	2,375	9,760	35,891	3.3
95-96	0.236535	8,573	2,028	7,559	26,131	3.0
96-97	0.256874	6,545	1,681	5,704	18,572	2.8
97-98	0.277833	4,864	1,351	4,188	12,868	2.6
98-99	0.299252	3,512	1,051	2,987	8,680	2.5
99-100	0.320960	2,461	790	2,066	5,693	2.3
100 and over	1.000000	1,671	1,671	3,627	3,627	2.2

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.