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Table TN-2. Life table for males: Tennessee, 2021

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 above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007104	100,000	710	99,422	6,940,821	69.4
1-2	0.000541	99,290	54	99,263	6,841,398	68.9
2-3	0.000339	99,236	34	99,219	6,742,136	67.9
3-4	0.000239	99,202	24	99,190	6,642,917	67.0
4-5	0.000238	99,179	24	99,167	6,543,726	66.0
5-6	0.000177	99,155	18	99,146	6,444,559	65.0
6-7	0.000162	99,137	16	99,129	6,345,413	64.0
7-8	0.000145	99,121	14	99,114	6,246,284	63.0
8-9	0.000121	99,107	12	99,101	6,147,170	62.0
9-10	0.000092	99,095	9	99,090	6,048,069	61.0
10-11	0.000073	99,086	7	99,082	5,948,978	60.0
11-12	0.000089	99,079	9	99,074	5,849,896	59.0
12-13	0.000165	99,070	16	99,062	5,750,822	58.0
13-14	0.000319	99,053	32	99,038	5,651,760	57.1
14-15	0.000535	99,022	53	98,995	5,552,723	56.1
15-16	0.000783	98,969	78	98,930	5,453,727	55.1
16-17	0.001034	98,891	102	98,840	5,354,797	54.1
17-18	0.001280	98,789	126	98,726	5,255,957	53.2
18-19	0.001507	98,663	149	98,588	5,157,231	52.3
19-20	0.001715	98,514	169	98,430	5,058,642	51.3
20-21	0.001933	98,345	190	98,250	4,960,213	50.4
21-22	0.002157	98,155	212	98,049	4,861,963	49.5
22-23	0.002351	97,943	230	97,828	4,763,914	48.6
23-24	0.002501	97,713	244	97,591	4,666,086	47.8
24-25	0.002622	97,469	256	97,341	4,568,495	46.9
25-26	0.002722	97,213	265	97,081	4,471,154	46.0
26-27	0.002834	96,948	275	96,811	4,374,073	45.1
27-28	0.002984	96,674	288	96,529	4,277,262	44.2
28-29	0.003192	96,385	308	96,231	4,180,733	43.4
29-30	0.003442	96,078	331	95,912	4,084,501	42.5
30-31	0.003711	95,747	355	95,569	3,988,589	41.7
31-32	0.003966	95,392	378	95,202	3,893,020	40.8
32-33	0.004164	95,013	396	94,815	3,797,818	40.0
33-34	0.004394	94,618	416	94,410	3,703,002	39.1
34-35	0.004568	94,202	430	93,987	3,608,593	38.3
35-36	0.004749	93,772	445	93,549	3,514,606	37.5
36-37	0.004954	93,326	462	93,095	3,421,057	36.7
37-38	0.005171	92,864	480	92,624	3,327,962	35.8
38-39	0.005401	92,384	499	92,134	3,235,338	35.0
39-40	0.005641	91,885	518	91,625	3,143,204	34.2
40-41	0.005902	91,366	539	91,097	3,051,579	33.4
41-42	0.006178	90,827	561	90,547	2,960,482	32.6
42-43	0.006455	90,266	583	89,975	2,869,935	31.8
43-44	0.006735	89,683	604	89,381	2,779,961	31.0
44-45	0.007032	89,079	626	88,766	2,690,580	30.2

Table TN-2. Life table for males: Tennessee, 2021

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 above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.007366	88,453	652	88,127	2,601,814	29.4
46-47	0.007751	87,801	681	87,461	2,513,686	28.6
47-48	0.008185	87,121	713	86,764	2,426,225	27.8
48-49	0.008660	86,408	748	86,034	2,339,461	27.1
49-50	0.009170	85,659	786	85,267	2,253,427	26.3
50-51	0.009697	84,874	823	84,462	2,168,161	25.5
51-52	0.010268	84,051	863	83,619	2,083,698	24.8
52-53	0.010927	83,188	909	82,733	2,000,079	24.0
53-54	0.011705	82,279	963	81,797	1,917,345	23.3
54-55	0.012593	81,316	1,024	80,804	1,835,548	22.6
55-56	0.013504	80,292	1,084	79,750	1,754,744	21.9
56-57	0.014449	79,208	1,144	78,635	1,674,995	21.1
57-58	0.015524	78,063	1,212	77,457	1,596,359	20.4
58-59	0.016754	76,851	1,288	76,207	1,518,902	19.8
59-60	0.018090	75,564	1,367	74,880	1,442,695	19.1
60-61	0.019530	74,197	1,449	73,472	1,367,814	18.4
61-62	0.020961	72,748	1,525	71,985	1,294,342	17.8
62-63	0.022264	71,223	1,586	70,430	1,222,357	17.2
63-64	0.023381	69,637	1,628	68,823	1,151,927	16.5
64-65	0.024403	68,009	1,660	67,179	1,083,104	15.9
65-66	0.025419	66,349	1,687	65,506	1,015,925	15.3
66-67	0.026878	64,663	1,738	63,794	950,419	14.7
67-68	0.028515	62,925	1,794	62,028	886,625	14.1
68-69	0.030416	61,130	1,859	60,201	824,597	13.5
69-70	0.032508	59,271	1,927	58,308	764,396	12.9
70-71	0.034717	57,344	1,991	56,349	706,089	12.3
71-72	0.037088	55,354	2,053	54,327	649,740	11.7
72-73	0.039709	53,301	2,117	52,242	595,413	11.2
73-74	0.042609	51,184	2,181	50,094	543,170	10.6
74-75	0.045900	49,003	2,249	47,879	493,077	10.1
75-76	0.049738	46,754	2,325	45,591	445,198	9.5
76-77	0.054210	44,428	2,408	43,224	399,607	9.0
77-78	0.059376	42,020	2,495	40,772	356,383	8.5
78-79	0.065082	39,525	2,572	38,239	315,610	8.0
79-80	0.071322	36,953	2,636	35,635	277,372	7.5
80-81	0.078193	34,317	2,683	32,975	241,737	7.0
81-82	0.085889	31,634	2,717	30,275	208,761	6.6
82-83	0.094499	28,917	2,733	27,550	178,486	6.2
83-84	0.103789	26,184	2,718	24,825	150,936	5.8
84-85	0.113707	23,467	2,668	22,132	126,111	5.4
85-86	0.124712	20,798	2,594	19,501	103,978	5.0
86-87	0.136677	18,204	2,488	16,960	84,477	4.6
87-88	0.150503	15,716	2,365	14,534	67,517	4.3
88-89	0.166254	13,351	2,220	12,241	52,983	4.0
89-90	0.187899	11,131	2,092	10,086	40,742	3.7

Table TN-2. Life table for males: Tennessee, 2021

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 above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.206738	9,040	1,869	8,105	30,656	3.4
91-92	0.226572	7,171	1,625	6,359	22,551	3.1
92-93	0.247286	5,546	1,371	4,860	16,192	2.9
93-94	0.268737	4,175	1,122	3,614	11,332	2.7
94-95	0.290758	3,053	888	2,609	7,718	2.5
95-96	0.313164	2,165	678	1,826	5,109	2.4
96-97	0.335755	1,487	499	1,237	3,283	2.2
97-98	0.358323	988	354	811	2,046	2.1
98-99	0.380663	634	241	513	1,235	1.9
99-100	0.402578	393	158	314	722	1.8
100 and older	1.000000	235	235	408	408	1.7

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Table TN-3. Life table for females: Tennessee, 2021

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 above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005303	100,000	530	99,553	7,553,607	75.5
1-2	0.000565	99,470	56	99,442	7,454,054	74.9
2-3	0.000354	99,414	35	99,396	7,354,613	74.0
3-4	0.000075	99,378	7	99,375	7,255,217	73.0
4-5	0.000199	99,371	20	99,361	7,155,842	72.0
5-6	0.000173	99,351	17	99,343	7,056,481	71.0
6-7	0.000164	99,334	16	99,326	6,957,139	70.0
7-8	0.000152	99,318	15	99,310	6,857,813	69.0
8-9	0.000132	99,303	13	99,296	6,758,502	68.1
9-10	0.000108	99,290	11	99,284	6,659,206	67.1
10-11	0.000086	99,279	9	99,275	6,559,922	66.1
11-12	0.000080	99,270	8	99,266	6,460,648	65.1
12-13	0.000103	99,262	10	99,257	6,361,381	64.1
13-14	0.000164	99,252	16	99,244	6,262,124	63.1
14-15	0.000254	99,236	25	99,223	6,162,880	62.1
15-16	0.000362	99,210	36	99,193	6,063,657	61.1
16-17	0.000469	99,175	47	99,151	5,964,465	60.1
17-18	0.000570	99,128	56	99,100	5,865,313	59.2
18-19	0.000653	99,072	65	99,039	5,766,214	58.2
19-20	0.000723	99,007	72	98,971	5,667,174	57.2
20-21	0.000795	98,935	79	98,896	5,568,203	56.3
21-22	0.000874	98,857	86	98,813	5,469,307	55.3
22-23	0.000955	98,770	94	98,723	5,370,494	54.4
23-24	0.001035	98,676	102	98,625	5,271,771	53.4
24-25	0.001116	98,574	110	98,519	5,173,146	52.5
25-26	0.001194	98,464	118	98,405	5,074,627	51.5
26-27	0.001275	98,346	125	98,284	4,976,222	50.6
27-28	0.001367	98,221	134	98,154	4,877,938	49.7
28-29	0.001476	98,087	145	98,014	4,779,785	48.7
29-30	0.001599	97,942	157	97,863	4,681,770	47.8
30-31	0.001732	97,785	169	97,700	4,583,907	46.9
31-32	0.001865	97,616	182	97,525	4,486,206	46.0
32-33	0.001970	97,434	192	97,338	4,388,682	45.0
33-34	0.002104	97,242	205	97,139	4,291,344	44.1
34-35	0.002216	97,037	215	96,930	4,194,204	43.2
35-36	0.002336	96,822	226	96,709	4,097,275	42.3
36-37	0.002475	96,596	239	96,476	4,000,566	41.4
37-38	0.002636	96,357	254	96,230	3,904,089	40.5
38-39	0.002821	96,103	271	95,967	3,807,859	39.6
39-40	0.003024	95,832	290	95,687	3,711,892	38.7
40-41	0.003247	95,542	310	95,387	3,616,205	37.8
41-42	0.003481	95,232	331	95,066	3,520,819	37.0
42-43	0.003710	94,900	352	94,724	3,425,753	36.1
43-44	0.003931	94,548	372	94,362	3,331,029	35.2
44-45	0.004158	94,176	392	93,981	3,236,666	34.4

Table TN-3. Life table for females: Tennessee, 2021

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 above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.004408	93,785	413	93,578	3,142,686	33.5
46-47	0.004697	93,371	439	93,152	3,049,108	32.7
47-48	0.005029	92,933	467	92,699	2,955,955	31.8
48-49	0.005402	92,465	500	92,216	2,863,256	31.0
49-50	0.005806	91,966	534	91,699	2,771,041	30.1
50-51	0.006220	91,432	569	91,148	2,679,342	29.3
51-52	0.006655	90,863	605	90,561	2,588,194	28.5
52-53	0.007133	90,259	644	89,937	2,497,633	27.7
53-54	0.007665	89,615	687	89,271	2,407,697	26.9
54-55	0.008243	88,928	733	88,561	2,318,425	26.1
55-56	0.008838	88,195	779	87,805	2,229,864	25.3
56-57	0.009445	87,415	826	87,002	2,142,059	24.5
57-58	0.010088	86,590	874	86,153	2,055,056	23.7
58-59	0.010776	85,716	924	85,254	1,968,904	23.0
59-60	0.011501	84,792	975	84,305	1,883,649	22.2
60-61	0.012282	83,817	1,029	83,303	1,799,344	21.5
61-62	0.013087	82,788	1,083	82,246	1,716,042	20.7
62-63	0.013873	81,704	1,133	81,138	1,633,796	20.0
63-64	0.014628	80,571	1,179	79,982	1,552,658	19.3
64-65	0.015397	79,392	1,222	78,781	1,472,676	18.5
65-66	0.016190	78,170	1,266	77,537	1,393,895	17.8
66-67	0.017236	76,904	1,326	76,242	1,316,358	17.1
67-68	0.018462	75,579	1,395	74,881	1,240,116	16.4
68-69	0.019942	74,184	1,479	73,444	1,165,235	15.7
69-70	0.021619	72,704	1,572	71,918	1,091,791	15.0
70-71	0.023422	71,132	1,666	70,299	1,019,873	14.3
71-72	0.025347	69,466	1,761	68,586	949,574	13.7
72-73	0.027507	67,706	1,862	66,774	880,988	13.0
73-74	0.029968	65,843	1,973	64,857	814,213	12.4
74-75	0.032777	63,870	2,093	62,823	749,357	11.7
75-76	0.035994	61,776	2,224	60,665	686,534	11.1
76-77	0.039685	59,553	2,363	58,371	625,869	10.5
77-78	0.043883	57,190	2,510	55,935	567,498	9.9
78-79	0.048568	54,680	2,656	53,352	511,563	9.4
79-80	0.053750	52,024	2,796	50,626	458,211	8.8
80-81	0.059407	49,228	2,924	47,766	407,585	8.3
81-82	0.065563	46,303	3,036	44,786	359,819	7.8
82-83	0.072414	43,268	3,133	41,701	315,034	7.3
83-84	0.080118	40,134	3,216	38,527	273,333	6.8
84-85	0.088754	36,919	3,277	35,281	234,806	6.4
85-86	0.098549	33,642	3,315	31,985	199,525	5.9
86-87	0.108216	30,327	3,282	28,686	167,541	5.5
87-88	0.120463	27,045	3,258	25,416	138,855	5.1
88-89	0.133765	23,787	3,182	22,196	113,439	4.8
89-90	0.148138	20,605	3,052	19,079	91,243	4.4

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.163580	17,553	2,871	16,117	72,164	4.1
91-92	0.180073	14,681	2,644	13,360	56,047	3.8
92-93	0.197577	12,038	2,378	10,849	42,687	3.5
93-94	0.216026	9,659	2,087	8,616	31,839	3.3
94-95	0.235333	7,573	1,782	6,682	23,223	3.1
95-96	0.255388	5,791	1,479	5,051	16,541	2.9
96-97	0.276059	4,312	1,190	3,717	11,490	2.7
97-98	0.297194	3,121	928	2,658	7,773	2.5
98-99	0.318626	2,194	699	1,844	5,116	2.3
99-100	0.340182	1,495	508	1,241	3,271	2.2
100 and older	1.000000	986	986	2,031	2,031	2.1

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.