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Table TN-2. Life table for males: Tennessee, 2022

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	0.007086	100,000	709	99,408	7,086,296	70.9
1–2	0.000612	99,291	61	99,261	6,986,888	70.4
2–3	0.000482	99,231	48	99,207	6,887,627	69.4
3–4	0.000406	99,183	40	99,163	6,788,420	68.4
4–5	0.000237	99,143	23	99,131	6,689,258	67.5
5–6	0.000239	99,119	24	99,107	6,590,127	66.5
6–7	0.000204	99,095	20	99,085	6,491,020	65.5
7–8	0.000171	99,075	17	99,067	6,391,934	64.5
8–9	0.000132	99,058	13	99,052	6,292,868	63.5
9–10	0.000091	99,045	9	99,041	6,193,816	62.5
10–11	0.000063	99,036	6	99,033	6,094,775	61.5
11–12	0.000070	99,030	7	99,026	5,995,742	60.5
12–13	0.000141	99,023	14	99,016	5,896,716	59.5
13–14	0.000291	99,009	29	98,995	5,797,700	58.6
14–15	0.000503	98,980	50	98,955	5,698,705	57.6
15–16	0.000740	98,930	73	98,894	5,599,750	56.6
16–17	0.000979	98,857	97	98,809	5,500,856	55.6
17–18	0.001222	98,760	121	98,700	5,402,047	54.7
18–19	0.001455	98,640	143	98,568	5,303,347	53.8
19–20	0.001670	98,496	165	98,414	5,204,779	52.8
20–21	0.001890	98,332	186	98,239	5,106,365	51.9
21–22	0.002101	98,146	206	98,043	5,008,126	51.0
22–23	0.002271	97,940	222	97,828	4,910,084	50.1
23–24	0.002390	97,717	234	97,601	4,812,255	49.2
24–25	0.002476	97,484	241	97,363	4,714,655	48.4
25–26	0.002547	97,242	248	97,119	4,617,292	47.5
26–27	0.002629	96,995	255	96,867	4,520,173	46.6
27–28	0.002737	96,740	265	96,607	4,423,306	45.7
28–29	0.002882	96,475	278	96,336	4,326,699	44.8
29–30	0.003051	96,197	293	96,050	4,230,363	44.0
30–31	0.003229	95,903	310	95,749	4,134,313	43.1
31–32	0.003397	95,594	325	95,431	4,038,564	42.2
32–33	0.003550	95,269	338	95,100	3,943,133	41.4
33–34	0.003694	94,931	351	94,755	3,848,033	40.5
34–35	0.003833	94,580	363	94,399	3,753,278	39.7
35–36	0.003973	94,217	374	94,030	3,658,879	38.8
36–37	0.004136	93,843	388	93,649	3,564,849	38.0
37–38	0.004346	93,455	406	93,252	3,471,199	37.1
38–39	0.004612	93,049	429	92,834	3,377,948	36.3
39–40	0.004910	92,620	455	92,392	3,285,113	35.5
40–41	0.005243	92,165	483	91,923	3,192,721	34.6
41–42	0.005566	91,682	510	91,426	3,100,798	33.8
42–43	0.005823	91,171	531	90,906	3,009,371	33.0

Table TN-2. Life table for males: Tennessee, 2022

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
43-44	0.005994	90,640	543	90,369	2,918,466	32.2
44-45	0.006115	90,097	551	89,822	2,828,097	31.4
45-46	0.006249	89,546	560	89,266	2,738,275	30.6
46-47	0.006451	88,987	574	88,700	2,649,009	29.8
47-48	0.006726	88,413	595	88,115	2,560,309	29.0
48-49	0.007083	87,818	622	87,507	2,472,194	28.2
49-50	0.007504	87,196	654	86,869	2,384,687	27.3
50-51	0.007932	86,542	686	86,198	2,297,818	26.6
51-52	0.008398	85,855	721	85,495	2,211,620	25.8
52-53	0.008986	85,134	765	84,752	2,126,125	25.0
53-54	0.009743	84,369	822	83,958	2,041,374	24.2
54-55	0.010654	83,547	890	83,102	1,957,416	23.4
55-56	0.011644	82,657	962	82,176	1,874,314	22.7
56-57	0.012664	81,694	1,035	81,177	1,792,138	21.9
57-58	0.013742	80,660	1,108	80,106	1,710,961	21.2
58-59	0.014846	79,551	1,181	78,961	1,630,855	20.5
59-60	0.015959	78,370	1,251	77,745	1,551,894	19.8
60-61	0.017113	77,120	1,320	76,460	1,474,149	19.1
61-62	0.018297	75,800	1,387	75,107	1,397,689	18.4
62-63	0.019460	74,413	1,448	73,689	1,322,583	17.8
63-64	0.020603	72,965	1,503	72,213	1,248,894	17.1
64-65	0.021772	71,462	1,556	70,684	1,176,680	16.5
65-66	0.022997	69,906	1,608	69,102	1,105,997	15.8
66-67	0.024626	68,298	1,682	67,457	1,036,895	15.2
67-68	0.026276	66,616	1,750	65,741	969,437	14.6
68-69	0.028037	64,866	1,819	63,956	903,696	13.9
69-70	0.029939	63,047	1,888	62,103	839,740	13.3
70-71	0.031964	61,160	1,955	60,182	777,636	12.7
71-72	0.034183	59,205	2,024	58,193	717,454	12.1
72-73	0.036759	57,181	2,102	56,130	659,261	11.5
73-74	0.039763	55,079	2,190	53,984	603,131	11.0
74-75	0.043177	52,889	2,284	51,747	549,147	10.4
75-76	0.046945	50,605	2,376	49,418	497,400	9.8
76-77	0.051088	48,230	2,464	46,998	447,983	9.3
77-78	0.055736	45,766	2,551	44,490	400,985	8.8
78-79	0.060989	43,215	2,636	41,897	356,495	8.2
79-80	0.066836	40,579	2,712	39,223	314,598	7.8
80-81	0.073296	37,867	2,775	36,479	275,374	7.3
81-82	0.080507	35,092	2,825	33,679	238,895	6.8
82-83	0.088697	32,267	2,862	30,836	205,216	6.4
83-84	0.098121	29,405	2,885	27,962	174,380	5.9
84-85	0.108770	26,519	2,885	25,077	146,418	5.5
85-86	0.120671	23,635	2,852	22,209	121,341	5.1

Table TN-2. Life table for males: Tennessee, 2022

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
86–87	0.133744	20,783	2,780	19,393	99,132	4.8
87–88	0.148109	18,003	2,666	16,670	79,739	4.4
88–89	0.163543	15,337	2,508	14,083	63,069	4.1
89–90	0.180027	12,829	2,309	11,674	48,987	3.8
90–91	0.197521	10,519	2,078	9,480	37,313	3.5
91–92	0.215960	8,441	1,823	7,530	27,833	3.3
92–93	0.235257	6,618	1,557	5,840	20,303	3.1
93–94	0.255301	5,061	1,292	4,415	14,463	2.9
94–95	0.275961	3,769	1,040	3,249	10,048	2.7
95–96	0.297086	2,729	811	2,324	6,799	2.5
96–97	0.318509	1,918	611	1,613	4,475	2.3
97–98	0.340056	1,307	445	1,085	2,862	2.2
98–99	0.361547	863	312	707	1,777	2.1
99–100	0.382804	551	211	445	1,070	1.9
100 and older	1.000000	340	340	625	625	1.8

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

Table TN-3. Life table for females: Tennessee, 2022

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	0.006057	100,000	606	99,497	7,691,055	76.9
1–2	0.000228	99,394	23	99,383	7,591,559	76.4
2–3	0.000150	99,372	15	99,364	7,492,176	75.4
3–4	0.000248	99,357	25	99,344	7,392,812	74.4
4–5	0.000222	99,332	22	99,321	7,293,467	73.4
5–6	0.000137	99,310	14	99,303	7,194,146	72.4
6–7	0.000117	99,297	12	99,291	7,094,843	71.5
7–8	0.000108	99,285	11	99,280	6,995,552	70.5
8–9	0.000107	99,274	11	99,269	6,896,272	69.5
9–10	0.000115	99,264	11	99,258	6,797,004	68.5
10–11	0.000131	99,252	13	99,246	6,697,746	67.5
11–12	0.000154	99,239	15	99,232	6,598,500	66.5
12–13	0.000185	99,224	18	99,215	6,499,268	65.5
13–14	0.000222	99,206	22	99,195	6,400,054	64.5
14–15	0.000267	99,184	26	99,170	6,300,859	63.5
15–16	0.000317	99,157	31	99,141	6,201,689	62.5
16–17	0.000374	99,126	37	99,107	6,102,547	61.6
17–18	0.000440	99,089	44	99,067	6,003,440	60.6
18–19	0.000512	99,045	51	99,020	5,904,374	59.6
19–20	0.000586	98,994	58	98,965	5,805,354	58.6
20–21	0.000664	98,936	66	98,903	5,706,389	57.7
21–22	0.000741	98,871	73	98,834	5,607,485	56.7
22–23	0.000807	98,797	80	98,758	5,508,651	55.8
23–24	0.000863	98,718	85	98,675	5,409,894	54.8
24–25	0.000914	98,632	90	98,587	5,311,219	53.8
25–26	0.000963	98,542	95	98,495	5,212,631	52.9
26–27	0.001021	98,447	101	98,397	5,114,137	51.9
27–28	0.001101	98,347	108	98,293	5,015,739	51.0
28–29	0.001209	98,239	119	98,179	4,917,447	50.1
29–30	0.001334	98,120	131	98,054	4,819,268	49.1
30–31	0.001464	97,989	143	97,917	4,721,213	48.2
31–32	0.001587	97,845	155	97,768	4,623,296	47.3
32–33	0.001703	97,690	166	97,607	4,525,529	46.3
33–34	0.001822	97,524	178	97,435	4,427,922	45.4
34–35	0.001938	97,346	189	97,252	4,330,487	44.5
35–36	0.002071	97,157	201	97,057	4,233,236	43.6
36–37	0.002213	96,956	215	96,849	4,136,179	42.7
37–38	0.002336	96,741	226	96,628	4,039,330	41.8
38–39	0.002425	96,515	234	96,398	3,942,701	40.9
39–40	0.002491	96,281	240	96,161	3,846,303	39.9
40–41	0.002558	96,042	246	95,919	3,750,142	39.0
41–42	0.002649	95,796	254	95,669	3,654,223	38.1
42–43	0.002773	95,542	265	95,410	3,558,554	37.2

Table TN-3. Life table for females: Tennessee, 2022

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
43-44	0.002948	95,277	281	95,137	3,463,144	36.3
44-45	0.003174	94,996	302	94,845	3,368,008	35.5
45-46	0.003438	94,695	326	94,532	3,273,162	34.6
46-47	0.003731	94,369	352	94,193	3,178,630	33.7
47-48	0.004053	94,017	381	93,826	3,084,437	32.8
48-49	0.004388	93,636	411	93,430	2,990,611	31.9
49-50	0.004727	93,225	441	93,005	2,897,180	31.1
50-51	0.005079	92,784	471	92,549	2,804,175	30.2
51-52	0.005455	92,313	504	92,061	2,711,627	29.4
52-53	0.005855	91,810	538	91,541	2,619,565	28.5
53-54	0.006294	91,272	574	90,985	2,528,025	27.7
54-55	0.006783	90,698	615	90,390	2,437,040	26.9
55-56	0.007286	90,082	656	89,754	2,346,650	26.1
56-57	0.007826	89,426	700	89,076	2,256,896	25.2
57-58	0.008464	88,726	751	88,351	2,167,819	24.4
58-59	0.009213	87,975	811	87,570	2,079,469	23.6
59-60	0.010033	87,165	875	86,727	1,991,899	22.9
60-61	0.010904	86,290	941	85,820	1,905,171	22.1
61-62	0.011767	85,349	1,004	84,847	1,819,351	21.3
62-63	0.012570	84,345	1,060	83,815	1,734,504	20.6
63-64	0.013290	83,285	1,107	82,731	1,650,689	19.8
64-65	0.013979	82,178	1,149	81,604	1,567,958	19.1
65-66	0.014708	81,029	1,192	80,433	1,486,355	18.3
66-67	0.015650	79,837	1,249	79,213	1,405,921	17.6
67-68	0.016666	78,588	1,310	77,933	1,326,709	16.9
68-69	0.017828	77,278	1,378	76,589	1,248,776	16.2
69-70	0.019148	75,900	1,453	75,174	1,172,186	15.4
70-71	0.020573	74,447	1,532	73,681	1,097,013	14.7
71-72	0.022219	72,916	1,620	72,105	1,023,331	14.0
72-73	0.024285	71,295	1,731	70,430	951,226	13.3
73-74	0.026844	69,564	1,867	68,630	880,796	12.7
74-75	0.029854	67,697	2,021	66,686	812,166	12.0
75-76	0.033227	65,676	2,182	64,585	745,480	11.4
76-77	0.036926	63,493	2,345	62,321	680,895	10.7
77-78	0.041034	61,149	2,509	59,894	618,574	10.1
78-79	0.045551	58,640	2,671	57,304	558,680	9.5
79-80	0.050517	55,969	2,827	54,555	501,375	9.0
80-81	0.056012	53,141	2,977	51,653	446,821	8.4
81-82	0.062138	50,165	3,117	48,606	395,168	7.9
82-83	0.068859	47,048	3,240	45,428	346,562	7.4
83-84	0.076345	43,808	3,344	42,136	301,134	6.9
84-85	0.085148	40,463	3,445	38,741	258,998	6.4
85-86	0.095644	37,018	3,541	35,248	220,258	6.0

Table TN-3. Life table for females: Tennessee, 2022

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
86–87	0.106708	33,477	3,572	31,691	185,010	5.5
87–88	0.118925	29,905	3,556	28,127	153,318	5.1
88–89	0.132202	26,349	3,483	24,607	125,192	4.8
89–90	0.146394	22,865	3,347	21,192	100,584	4.4
90–91	0.161310	19,518	3,148	17,944	79,393	4.1
91–92	0.177436	16,370	2,905	14,917	61,449	3.8
92–93	0.195350	13,465	2,630	12,150	46,532	3.5
93–94	0.215712	10,835	2,337	9,666	34,382	3.2
94–95	0.238988	8,497	2,031	7,482	24,716	2.9
95–96	0.264655	6,467	1,711	5,611	17,234	2.7
96–97	0.292652	4,755	1,392	4,059	11,623	2.4
97–98	0.321244	3,364	1,081	2,823	7,563	2.2
98–99	0.350015	2,283	799	1,884	4,740	2.1
99–100	0.378540	1,484	562	1,203	2,857	1.9
100 and older	1.000000	922	922	1,654	1,654	1.8

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