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Table KY-2. Life table for males: Kentucky, 2019

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005484	100,000	548	99,503	7,292,076	72.9
1-2	0.000789	99,452	78	99,412	7,192,573	72.3
2-3	0.000250	99,373	25	99,361	7,093,161	71.4
3-4	0.000178	99,348	18	99,339	6,993,800	70.4
4-5	0.000159	99,331	16	99,323	6,894,461	69.4
5-6	0.000142	99,315	14	99,308	6,795,138	68.4
6-7	0.000146	99,301	14	99,293	6,695,830	67.4
7-8	0.000146	99,286	15	99,279	6,596,537	66.4
8-9	0.000140	99,272	14	99,265	6,497,258	65.4
9-10	0.000130	99,258	13	99,251	6,397,993	64.5
10-11	0.000123	99,245	12	99,239	6,298,742	63.5
11-12	0.000131	99,233	13	99,226	6,199,503	62.5
12-13	0.000167	99,220	17	99,212	6,100,277	61.5
13-14	0.000239	99,203	24	99,191	6,001,065	60.5
14-15	0.000341	99,180	34	99,163	5,901,874	59.5
15-16	0.000452	99,146	45	99,123	5,802,711	58.5
16-17	0.000567	99,101	56	99,073	5,703,588	57.6
17-18	0.000689	99,045	68	99,011	5,604,515	56.6
18-19	0.000817	98,977	81	98,936	5,505,504	55.6
19-20	0.000945	98,896	93	98,849	5,406,568	54.7
20-21	0.001081	98,802	107	98,749	5,307,719	53.7
21-22	0.001215	98,695	120	98,636	5,208,970	52.8
22-23	0.001328	98,576	131	98,510	5,110,335	51.8
23-24	0.001412	98,445	139	98,375	5,011,825	50.9
24-25	0.001478	98,306	145	98,233	4,913,449	50.0
25-26	0.001534	98,160	151	98,085	4,815,216	49.1
26-27	0.001600	98,010	157	97,931	4,717,131	48.1
27-28	0.001697	97,853	166	97,770	4,619,200	47.2
28-29	0.001840	97,687	180	97,597	4,521,430	46.3
29-30	0.002026	97,507	198	97,408	4,423,833	45.4
30-31	0.002245	97,310	218	97,200	4,326,425	44.5
31-32	0.002467	97,091	240	96,971	4,229,224	43.6
32-33	0.002651	96,852	257	96,723	4,132,253	42.7
33-34	0.002804	96,595	271	96,459	4,035,529	41.8
34-35	0.002899	96,324	279	96,184	3,939,070	40.9
35-36	0.002981	96,045	286	95,902	3,842,885	40.0
36-37	0.003085	95,758	295	95,611	3,746,984	39.1
37-38	0.003217	95,463	307	95,309	3,651,373	38.2
38-39	0.003397	95,156	323	94,994	3,556,064	37.4
39-40	0.003616	94,833	343	94,661	3,461,069	36.5
40-41	0.003885	94,490	367	94,306	3,366,408	35.6
41-42	0.004161	94,123	392	93,927	3,272,102	34.8
42-43	0.004384	93,731	411	93,526	3,178,175	33.9
43-44	0.004519	93,320	422	93,109	3,084,649	33.1
44-45	0.004612	92,898	428	92,684	2,991,540	32.2
45-46	0.004688	92,470	434	92,253	2,898,856	31.3
46-47	0.004849	92,036	446	91,813	2,806,603	30.5
47-48	0.005188	91,590	475	91,353	2,714,789	29.6
48-49	0.005770	91,115	526	90,852	2,623,437	28.8
49-50	0.006543	90,589	593	90,293	2,532,585	28.0
50-51	0.007435	89,997	669	89,662	2,442,292	27.1
51-52	0.008328	89,327	744	88,955	2,352,630	26.3
52-53	0.009148	88,583	810	88,178	2,263,675	25.6

Table KY-2. Life table for males: Kentucky, 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	0.009808	87,773	861	87,343	2,175,496	24.8
54-55	0.010358	86,912	900	86,462	2,088,154	24.0
55-56	0.010825	86,012	931	85,546	2,001,692	23.3
56-57	0.011374	85,081	968	84,597	1,916,145	22.5
57-58	0.012165	84,113	1,023	83,602	1,831,548	21.8
58-59	0.013308	83,090	1,106	82,537	1,747,947	21.0
59-60	0.014720	81,984	1,207	81,381	1,665,410	20.3
60-61	0.016322	80,777	1,318	80,118	1,584,029	19.6
61-62	0.017858	79,459	1,419	78,749	1,503,911	18.9
62-63	0.019135	78,040	1,493	77,293	1,425,161	18.3
63-64	0.019996	76,547	1,531	75,781	1,347,868	17.6
64-65	0.020570	75,016	1,543	74,245	1,272,086	17.0
65-66	0.021055	73,473	1,547	72,700	1,197,842	16.3
66-67	0.021876	71,926	1,573	71,139	1,125,142	15.6
67-68	0.023058	70,353	1,622	69,542	1,054,003	15.0
68-69	0.024760	68,730	1,702	67,880	984,461	14.3
69-70	0.026883	67,029	1,802	66,128	916,582	13.7
70-71	0.029230	65,227	1,907	64,273	850,454	13.0
71-72	0.031720	63,320	2,009	62,316	786,181	12.4
72-73	0.034456	61,312	2,113	60,255	723,865	11.8
73-74	0.037467	59,199	2,218	58,090	663,610	11.2
74-75	0.040827	56,981	2,326	55,818	605,520	10.6
75-76	0.044619	54,655	2,439	53,435	549,702	10.1
76-77	0.048884	52,216	2,553	50,940	496,266	9.5
77-78	0.053624	49,664	2,663	48,332	445,327	9.0
78-79	0.058899	47,000	2,768	45,616	396,995	8.4
79-80	0.064817	44,232	2,867	42,799	351,378	7.9
80-81	0.071404	41,365	2,954	39,888	308,580	7.5
81-82	0.078629	38,411	3,020	36,901	268,691	7.0
82-83	0.086539	35,391	3,063	33,860	231,790	6.5
83-84	0.095374	32,329	3,083	30,787	197,930	6.1
84-85	0.105398	29,245	3,082	27,704	167,143	5.7
85-86	0.119027	26,163	3,114	24,606	139,439	5.3
86-87	0.130706	23,049	3,013	21,542	114,834	5.0
87-88	0.143231	20,036	2,870	18,601	93,291	4.7
88-89	0.156605	17,166	2,688	15,822	74,690	4.4
89-90	0.170821	14,478	2,473	13,241	58,868	4.1
90-91	0.185857	12,005	2,231	10,889	45,626	3.8
91-92	0.201678	9,774	1,971	8,788	34,737	3.6
92-93	0.218235	7,803	1,703	6,951	25,949	3.3
93-94	0.235463	6,100	1,436	5,382	18,998	3.1
94-95	0.253282	4,663	1,181	4,073	13,616	2.9
95-96	0.271601	3,482	946	3,009	9,543	2.7
96-97	0.290314	2,537	736	2,168	6,534	2.6
97-98	0.309306	1,800	557	1,522	4,366	2.4
98-99	0.328457	1,243	408	1,039	2,844	2.3
99-100	0.347641	835	290	690	1,805	2.2
100 and over	1.000000	545	545	1,115	1,115	2.0

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

Table KY-3. Life table for females: Kentucky, 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	0.004503	100,000	450	99,596	7,800,404	78.0
1-2	0.000302	99,550	30	99,535	7,700,808	77.4
2-3	0.000226	99,520	22	99,508	7,601,273	76.4
3-4	0.000188	99,497	19	99,488	7,501,765	75.4
4-5	0.000150	99,479	15	99,471	7,402,277	74.4
5-6	0.000132	99,464	13	99,457	7,302,806	73.4
6-7	0.000119	99,450	12	99,445	7,203,349	72.4
7-8	0.000116	99,439	12	99,433	7,103,904	71.4
8-9	0.000124	99,427	12	99,421	7,004,472	70.4
9-10	0.000143	99,415	14	99,408	6,905,051	69.5
10-11	0.000168	99,401	17	99,392	6,805,643	68.5
11-12	0.000197	99,384	20	99,374	6,706,251	67.5
12-13	0.000225	99,364	22	99,353	6,606,877	66.5
13-14	0.000249	99,342	25	99,330	6,507,524	65.5
14-15	0.000273	99,317	27	99,304	6,408,194	64.5
15-16	0.000299	99,290	30	99,275	6,308,890	63.5
16-17	0.000332	99,260	33	99,244	6,209,615	62.6
17-18	0.000372	99,227	37	99,209	6,110,371	61.6
18-19	0.000421	99,191	42	99,170	6,011,162	60.6
19-20	0.000477	99,149	47	99,125	5,911,993	59.6
20-21	0.000539	99,101	53	99,075	5,812,868	58.7
21-22	0.000603	99,048	60	99,018	5,713,793	57.7
22-23	0.000660	98,988	65	98,956	5,614,775	56.7
23-24	0.000707	98,923	70	98,888	5,515,819	55.8
24-25	0.000749	98,853	74	98,816	5,416,931	54.8
25-26	0.000787	98,779	78	98,740	5,318,115	53.8
26-27	0.000834	98,701	82	98,660	5,219,375	52.9
27-28	0.000901	98,619	89	98,575	5,120,715	51.9
28-29	0.001001	98,530	99	98,481	5,022,141	51.0
29-30	0.001128	98,431	111	98,376	4,923,660	50.0
30-31	0.001273	98,320	125	98,258	4,825,284	49.1
31-32	0.001419	98,195	139	98,126	4,727,026	48.1
32-33	0.001550	98,056	152	97,980	4,628,900	47.2
33-34	0.001682	97,904	165	97,822	4,530,921	46.3
34-35	0.001781	97,739	174	97,652	4,433,099	45.4
35-36	0.001888	97,565	184	97,473	4,335,447	44.4
36-37	0.001997	97,381	194	97,284	4,237,974	43.5
37-38	0.002072	97,186	201	97,086	4,140,690	42.6
38-39	0.002109	96,985	205	96,883	4,043,604	41.7
39-40	0.002126	96,780	206	96,678	3,946,721	40.8
40-41	0.002137	96,575	206	96,472	3,850,044	39.9
41-42	0.002179	96,368	210	96,263	3,753,572	39.0
42-43	0.002291	96,158	220	96,048	3,657,309	38.0
43-44	0.002495	95,938	239	95,818	3,561,261	37.1
44-45	0.002765	95,699	265	95,566	3,465,442	36.2
45-46	0.003074	95,434	293	95,287	3,369,876	35.3
46-47	0.003385	95,141	322	94,980	3,274,589	34.4
47-48	0.003683	94,819	349	94,644	3,179,609	33.5
48-49	0.003959	94,469	374	94,282	3,084,965	32.7
49-50	0.004236	94,095	399	93,896	2,990,683	31.8
50-51	0.004519	93,697	423	93,485	2,896,786	30.9
51-52	0.004852	93,274	453	93,047	2,803,301	30.1
52-53	0.005283	92,821	490	92,576	2,710,254	29.2

Table KY-3. Life table for females: Kentucky, 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	0.005818	92,331	537	92,062	2,617,678	28.4
54-55	0.006406	91,793	588	91,499	2,525,616	27.5
55-56	0.007007	91,205	639	90,886	2,434,117	26.7
56-57	0.007578	90,566	686	90,223	2,343,231	25.9
57-58	0.008104	89,880	728	89,516	2,253,008	25.1
58-59	0.008586	89,152	765	88,769	2,163,492	24.3
59-60	0.009057	88,386	801	87,986	2,074,723	23.5
60-61	0.009549	87,586	836	87,167	1,986,737	22.7
61-62	0.010097	86,749	876	86,311	1,899,570	21.9
62-63	0.010732	85,873	922	85,412	1,813,259	21.1
63-64	0.011485	84,952	976	84,464	1,727,846	20.3
64-65	0.012353	83,976	1,037	83,457	1,643,382	19.6
65-66	0.013315	82,939	1,104	82,386	1,559,925	18.8
66-67	0.014405	81,834	1,179	81,245	1,477,539	18.1
67-68	0.015595	80,656	1,258	80,027	1,396,294	17.3
68-69	0.016889	79,398	1,341	78,727	1,316,267	16.6
69-70	0.018305	78,057	1,429	77,342	1,237,540	15.9
70-71	0.019861	76,628	1,522	75,867	1,160,198	15.1
71-72	0.021601	75,106	1,622	74,295	1,084,331	14.4
72-73	0.023564	73,484	1,732	72,618	1,010,036	13.7
73-74	0.025802	71,752	1,851	70,826	937,418	13.1
74-75	0.028394	69,901	1,985	68,908	866,591	12.4
75-76	0.031377	67,916	2,131	66,850	797,683	11.7
76-77	0.034732	65,785	2,285	64,643	730,832	11.1
77-78	0.038507	63,500	2,445	62,278	666,190	10.5
78-79	0.042831	61,055	2,615	59,747	603,912	9.9
79-80	0.047716	58,440	2,789	57,046	544,165	9.3
80-81	0.053063	55,651	2,953	54,175	487,119	8.8
81-82	0.058854	52,698	3,102	51,148	432,945	8.2
82-83	0.065268	49,597	3,237	47,978	381,797	7.7
83-84	0.072402	46,360	3,357	44,681	333,819	7.2
84-85	0.080625	43,003	3,467	41,270	289,137	6.7
85-86	0.090350	39,536	3,572	37,750	247,868	6.3
86-87	0.100190	35,964	3,603	34,162	210,118	5.8
87-88	0.110758	32,361	3,584	30,569	175,955	5.4
88-89	0.122433	28,777	3,523	27,015	145,387	5.1
89-90	0.135541	25,253	3,423	23,542	118,372	4.7
90-91	0.150034	21,830	3,275	20,193	94,830	4.3
91-92	0.165469	18,555	3,070	17,020	74,637	4.0
92-93	0.181668	15,485	2,813	14,078	57,617	3.7
93-94	0.198843	12,672	2,520	11,412	43,539	3.4
94-95	0.217617	10,152	2,209	9,047	32,127	3.2
95-96	0.238232	7,943	1,892	6,997	23,079	2.9
96-97	0.265356	6,051	1,606	5,248	16,083	2.7
97-98	0.293453	4,445	1,304	3,793	10,835	2.4
98-99	0.322137	3,141	1,012	2,635	7,042	2.2
99-100	0.350987	2,129	747	1,755	4,407	2.1
100 and over	1.000000	1,382	1,382	2,652	2,652	1.9

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