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Table KY-2. Life table for males: Kentucky, 2020

	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	0.006824	100,000	682	99,390	7,064,784	70.6
1-2	0.000329	99,318	33	99,301	6,965,394	70.1
2-3	0.000360	99,285	36	99,267	6,866,093	69.2
3-4	0.000285	99,249	28	99,235	6,766,826	68.2
4-5	0.000106	99,221	11	99,216	6,667,591	67.2
5-6	0.000139	99,210	14	99,203	6,568,375	66.2
6-7	0.000115	99,197	11	99,191	6,469,172	65.2
7-8	0.000103	99,185	10	99,180	6,369,981	64.2
8-9	0.000099	99,175	10	99,170	6,270,801	63.2
9-10	0.000104	99,165	10	99,160	6,171,631	62.2
10-11	0.000123	99,155	12	99,149	6,072,471	61.2
11-12	0.000167	99,143	17	99,134	5,973,322	60.2
12-13	0.000245	99,126	24	99,114	5,874,188	59.3
13-14	0.000365	99,102	36	99,084	5,775,074	58.3
14-15	0.000518	99,066	51	99,040	5,675,990	57.3
15-16	0.000684	99,014	68	98,980	5,576,950	56.3
16-17	0.000857	98,947	85	98,904	5,477,970	55.4
17-18	0.001047	98,862	103	98,810	5,379,066	54.4
18-19	0.001250	98,758	123	98,697	5,280,256	53.5
19-20	0.001456	98,635	144	98,563	5,181,559	52.5
20-21	0.001675	98,491	165	98,409	5,082,996	51.6
21-22	0.001884	98,326	185	98,234	4,984,587	50.7
22-23	0.002045	98,141	201	98,041	4,886,354	49.8
23-24	0.002144	97,940	210	97,835	4,788,313	48.9
24-25	0.002201	97,730	215	97,623	4,690,478	48.0
25-26	0.002241	97,515	219	97,406	4,592,855	47.1
26-27	0.002304	97,297	224	97,185	4,495,449	46.2
27-28	0.002416	97,072	235	96,955	4,398,265	45.3
28-29	0.002604	96,838	252	96,712	4,301,309	44.4
29-30	0.002856	96,586	276	96,448	4,204,598	43.5
30-31	0.003135	96,310	302	96,159	4,108,150	42.7
31-32	0.003413	96,008	328	95,844	4,011,991	41.8
32-33	0.003682	95,680	352	95,504	3,916,146	40.9
33-34	0.003966	95,328	378	95,139	3,820,642	40.1

Table KY-2. Life table for males: Kentucky, 2020

	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
34-35	0.004218	94,950	401	94,750	3,725,503	39.2
35-36	0.004483	94,549	424	94,337	3,630,754	38.4
36-37	0.004748	94,125	447	93,902	3,536,416	37.6
37-38	0.004960	93,679	465	93,446	3,442,514	36.7
38-39	0.005101	93,214	475	92,976	3,349,068	35.9
39-40	0.005192	92,738	482	92,498	3,256,092	35.1
40-41	0.005283	92,257	487	92,013	3,163,595	34.3
41-42	0.005399	91,769	495	91,522	3,071,581	33.5
42-43	0.005526	91,274	504	91,022	2,980,060	32.6
43-44	0.005673	90,770	515	90,512	2,889,038	31.8
44-45	0.005850	90,255	528	89,991	2,798,526	31.0
45-46	0.006061	89,727	544	89,455	2,708,535	30.2
46-47	0.006322	89,183	564	88,901	2,619,081	29.4
47-48	0.006660	88,619	590	88,324	2,530,180	28.6
48-49	0.007092	88,029	624	87,717	2,441,856	27.7
49-50	0.007617	87,404	666	87,072	2,354,140	26.9
50-51	0.008191	86,739	711	86,383	2,267,068	26.1
51-52	0.008835	86,028	760	85,648	2,180,685	25.3
52-53	0.009608	85,268	819	84,858	2,095,037	24.6
53-54	0.010509	84,449	887	84,005	2,010,178	23.8
54-55	0.011488	83,561	960	83,081	1,926,173	23.1
55-56	0.012460	82,601	1,029	82,087	1,843,092	22.3
56-57	0.013428	81,572	1,095	81,025	1,761,005	21.6
57-58	0.014460	80,477	1,164	79,895	1,679,981	20.9
58-59	0.015594	79,313	1,237	78,695	1,600,086	20.2
59-60	0.016817	78,076	1,313	77,420	1,521,391	19.5
60-61	0.018142	76,763	1,393	76,067	1,443,971	18.8
61-62	0.019470	75,371	1,467	74,637	1,367,904	18.1
62-63	0.020698	73,903	1,530	73,138	1,293,267	17.5
63-64	0.021770	72,374	1,576	71,586	1,220,129	16.9
64-65	0.022757	70,798	1,611	69,992	1,148,543	16.2
65-66	0.023751	69,187	1,643	68,365	1,078,550	15.6
66-67	0.025000	67,544	1,689	66,699	1,010,185	15.0
67-68	0.026451	65,855	1,742	64,984	943,486	14.3

Table KY-2. Life table for males: Kentucky, 2020

	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
68-69	0.028190	64,113	1,807	63,209	878,502	13.7
69-70	0.030177	62,306	1,880	61,366	815,292	13.1
70-71	0.032332	60,425	1,954	59,449	753,927	12.5
71-72	0.034687	58,472	2,028	57,458	694,478	11.9
72-73	0.037403	56,444	2,111	55,388	637,020	11.3
73-74	0.040579	54,332	2,205	53,230	581,632	10.7
74-75	0.044298	52,128	2,309	50,973	528,402	10.1
75-76	0.048523	49,818	2,417	48,610	477,429	9.6
76-77	0.053168	47,401	2,520	46,141	428,820	9.0
77-78	0.058320	44,881	2,617	43,572	382,679	8.5
78-79	0.063920	42,263	2,701	40,913	339,106	8.0
79-80	0.070033	39,562	2,771	38,177	298,194	7.5
80-81	0.076745	36,791	2,824	35,380	260,017	7.1
81-82	0.084371	33,968	2,866	32,535	224,637	6.6
82-83	0.093023	31,102	2,893	29,655	192,102	6.2
83-84	0.102528	28,209	2,892	26,763	162,447	5.8
84-85	0.113483	25,317	2,873	23,880	135,684	5.4
85-86	0.127375	22,444	2,859	21,014	111,804	5.0
86-87	0.140725	19,585	2,756	18,207	90,790	4.6
87-88	0.155072	16,829	2,610	15,524	72,583	4.3
88-89	0.170408	14,219	2,423	13,008	57,060	4.0
89-90	0.186708	11,796	2,202	10,695	44,052	3.7
90-91	0.203925	9,594	1,956	8,615	33,357	3.5
91-92	0.221996	7,637	1,695	6,790	24,742	3.2
92-93	0.240835	5,942	1,431	5,226	17,952	3.0
93-94	0.260337	4,511	1,174	3,924	12,726	2.8
94-95	0.280378	3,336	935	2,869	8,802	2.6
95-96	0.300820	2,401	722	2,040	5,934	2.5
96-97	0.321511	1,679	540	1,409	3,894	2.3
97-98	0.342294	1,139	390	944	2,485	2.2
98-99	0.363008	749	272	613	1,541	2.1
99-100	0.383493	477	183	386	928	1.9
100 and over	1.000000	294	294	542	542	1.8

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

Table KY-3. Life table for females: Kentucky, 2020

	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	0.005769	100,000	577	99,533	7,652,655	76.5
1-2	0.000229	99,423	23	99,412	7,553,122	76.0
2-3	0.000189	99,400	19	99,391	7,453,710	75.0
3-4	0.000301	99,382	30	99,367	7,354,319	74.0
4-5	0.000113	99,352	11	99,346	7,254,953	73.0
5-6	0.000172	99,340	17	99,332	7,155,607	72.0
6-7	0.000163	99,323	16	99,315	7,056,275	71.0
7-8	0.000159	99,307	16	99,299	6,956,960	70.1
8-9	0.000159	99,291	16	99,283	6,857,661	69.1
9-10	0.000164	99,276	16	99,267	6,758,377	68.1
10-11	0.000174	99,259	17	99,251	6,659,110	67.1
11-12	0.000190	99,242	19	99,233	6,559,859	66.1
12-13	0.000211	99,223	21	99,213	6,460,627	65.1
13-14	0.000238	99,202	24	99,190	6,361,414	64.1
14-15	0.000271	99,179	27	99,165	6,262,223	63.1
15-16	0.000308	99,152	30	99,137	6,163,058	62.2
16-17	0.000351	99,121	35	99,104	6,063,922	61.2
17-18	0.000409	99,086	41	99,066	5,964,818	60.2
18-19	0.000483	99,046	48	99,022	5,865,752	59.2
19-20	0.000568	98,998	56	98,970	5,766,730	58.3
20-21	0.000661	98,942	65	98,909	5,667,760	57.3
21-22	0.000752	98,876	74	98,839	5,568,851	56.3
22-23	0.000833	98,802	82	98,761	5,470,011	55.4
23-24	0.000902	98,720	89	98,675	5,371,250	54.4
24-25	0.000962	98,631	95	98,583	5,272,575	53.5
25-26	0.001020	98,536	101	98,486	5,173,992	52.5
26-27	0.001086	98,435	107	98,382	5,075,506	51.6
27-28	0.001163	98,328	114	98,271	4,977,124	50.6
28-29	0.001256	98,214	123	98,152	4,878,853	49.7
29-30	0.001365	98,091	134	98,024	4,780,701	48.7
30-31	0.001482	97,957	145	97,884	4,682,677	47.8
31-32	0.001601	97,812	157	97,733	4,584,792	46.9
32-33	0.001717	97,655	168	97,571	4,487,059	45.9
33-34	0.001843	97,487	180	97,398	4,389,488	45.0

Table KY-3. Life table for females: Kentucky, 2020

	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
34-35	0.001961	97,308	191	97,212	4,292,090	44.1
35-36	0.002091	97,117	203	97,015	4,194,878	43.2
36-37	0.002227	96,914	216	96,806	4,097,862	42.3
37-38	0.002350	96,698	227	96,584	4,001,056	41.4
38-39	0.002452	96,471	237	96,353	3,904,472	40.5
39-40	0.002546	96,234	245	96,112	3,808,119	39.6
40-41	0.002641	95,989	253	95,863	3,712,007	38.7
41-42	0.002760	95,736	264	95,604	3,616,145	37.8
42-43	0.002924	95,472	279	95,332	3,520,541	36.9
43-44	0.003146	95,192	299	95,043	3,425,209	36.0
44-45	0.003415	94,893	324	94,731	3,330,166	35.1
45-46	0.003720	94,569	352	94,393	3,235,435	34.2
46-47	0.004035	94,217	380	94,027	3,141,042	33.3
47-48	0.004342	93,837	407	93,633	3,047,015	32.5
48-49	0.004630	93,430	433	93,213	2,953,382	31.6
49-50	0.004916	92,997	457	92,768	2,860,168	30.8
50-51	0.005229	92,540	484	92,298	2,767,400	29.9
51-52	0.005591	92,056	515	91,799	2,675,102	29.1
52-53	0.005991	91,541	548	91,267	2,583,303	28.2
53-54	0.006422	90,993	584	90,701	2,492,036	27.4
54-55	0.006877	90,408	622	90,098	2,401,336	26.6
55-56	0.007306	89,787	656	89,459	2,311,238	25.7
56-57	0.007762	89,131	692	88,785	2,221,779	24.9
57-58	0.008351	88,439	739	88,070	2,132,994	24.1
58-59	0.009128	87,700	801	87,300	2,044,925	23.3
59-60	0.010052	86,900	874	86,463	1,957,625	22.5
60-61	0.011092	86,026	954	85,549	1,871,161	21.8
61-62	0.012117	85,072	1,031	84,557	1,785,612	21.0
62-63	0.013025	84,041	1,095	83,494	1,701,055	20.2
63-64	0.013741	82,947	1,140	82,377	1,617,561	19.5
64-65	0.014346	81,807	1,174	81,220	1,535,184	18.8
65-66	0.014941	80,633	1,205	80,031	1,453,964	18.0
66-67	0.015741	79,429	1,250	78,804	1,373,933	17.3
67-68	0.016814	78,178	1,314	77,521	1,295,130	16.6

Table KY-3. Life table for females: Kentucky, 2020

	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
68-69	0.018247	76,864	1,403	76,163	1,217,609	15.8
69-70	0.019973	75,461	1,507	74,708	1,141,446	15.1
70-71	0.021876	73,954	1,618	73,145	1,066,738	14.4
71-72	0.023934	72,336	1,731	71,471	993,593	13.7
72-73	0.026239	70,605	1,853	69,679	922,122	13.1
73-74	0.028842	68,752	1,983	67,761	852,444	12.4
74-75	0.031805	66,769	2,124	65,708	784,683	11.8
75-76	0.035134	64,646	2,271	63,510	718,975	11.1
76-77	0.038821	62,375	2,421	61,164	655,465	10.5
77-78	0.042967	59,953	2,576	58,665	594,301	9.9
78-79	0.047656	57,377	2,734	56,010	535,636	9.3
79-80	0.052906	54,643	2,891	53,197	479,626	8.8
80-81	0.058724	51,752	3,039	50,232	426,428	8.2
81-82	0.065157	48,713	3,174	47,126	376,196	7.7
82-83	0.072378	45,539	3,296	43,891	329,070	7.2
83-84	0.078698	42,243	3,324	40,581	285,180	6.8
84-85	0.088271	38,918	3,435	37,201	244,599	6.3
85-86	0.098813	35,483	3,506	33,730	207,398	5.8
86-87	0.110374	31,977	3,529	30,212	173,668	5.4
87-88	0.122995	28,447	3,499	26,698	143,456	5.0
88-89	0.136703	24,948	3,411	23,243	116,758	4.7
89-90	0.151514	21,538	3,263	19,906	93,515	4.3
90-91	0.167423	18,275	3,060	16,745	73,609	4.0
91-92	0.184404	15,215	2,806	13,812	56,864	3.7
92-93	0.202409	12,409	2,512	11,153	43,052	3.5
93-94	0.221365	9,898	2,191	8,802	31,898	3.2
94-95	0.241175	7,707	1,859	6,777	23,096	3.0
95-96	0.261715	5,848	1,530	5,083	16,319	2.8
96-97	0.282841	4,317	1,221	3,707	11,236	2.6
97-98	0.304391	3,096	942	2,625	7,529	2.4
98-99	0.326188	2,154	703	1,803	4,904	2.3
99-100	0.348046	1,451	505	1,199	3,102	2.1
100 and over	1.000000	946	946	1,903	1,903	2.0

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