

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2021):
U.S. State Life Tables, 2018. National Vital Statistics Report Volume 70, Number 1. 18pp.
Downloaded from: www.cdc.gov (02.11.2021).

Table KY-2. Life table for males: Kentucky, 2018

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	0.006558	100,000	656	99,445	7,263,842	72.6
1-2	0.000391	99,344	39	99,325	7,164,397	72.1
2-3	0.000389	99,305	39	99,286	7,065,073	71.1
3-4	0.000459	99,267	46	99,244	6,965,786	70.2
4-5	0.000247	99,221	25	99,209	6,866,543	69.2
5-6	0.000233	99,197	23	99,185	6,767,334	68.2
6-7	0.000198	99,173	20	99,164	6,668,149	67.2
7-8	0.000164	99,154	16	99,146	6,568,985	66.3
8-9	0.000127	99,138	13	99,131	6,469,839	65.3
9-10	0.000087	99,125	9	99,121	6,370,708	64.3
10-11	0.000058	99,116	6	99,113	6,271,587	63.3
11-12	0.000057	99,111	6	99,108	6,172,474	62.3
12-13	0.000106	99,105	11	99,100	6,073,366	61.3
13-14	0.000220	99,094	22	99,084	5,974,267	60.3
14-15	0.000381	99,073	38	99,054	5,875,183	59.3
15-16	0.000565	99,035	56	99,007	5,776,129	58.3
16-17	0.000746	98,979	74	98,942	5,677,122	57.4
17-18	0.000916	98,905	91	98,860	5,578,180	56.4
18-19	0.001059	98,815	105	98,762	5,479,320	55.5
19-20	0.001179	98,710	116	98,652	5,380,558	54.5
20-21	0.001295	98,594	128	98,530	5,281,907	53.6
21-22	0.001415	98,466	139	98,396	5,183,377	52.6
22-23	0.001526	98,327	150	98,252	5,084,981	51.7
23-24	0.001629	98,177	160	98,097	4,986,729	50.8
24-25	0.001725	98,017	169	97,932	4,888,632	49.9
25-26	0.001818	97,848	178	97,759	4,790,700	49.0
26-27	0.001910	97,670	187	97,576	4,692,942	48.0
27-28	0.002008	97,483	196	97,385	4,595,365	47.1
28-29	0.002118	97,287	206	97,184	4,497,980	46.2
29-30	0.002242	97,081	218	96,973	4,400,796	45.3
30-31	0.002381	96,864	231	96,748	4,303,823	44.4
31-32	0.002528	96,633	244	96,511	4,207,075	43.5
32-33	0.002671	96,389	257	96,260	4,110,564	42.6
33-34	0.002810	96,131	270	95,996	4,014,304	41.8
34-35	0.002929	95,861	281	95,721	3,918,307	40.9
35-36	0.003057	95,580	292	95,434	3,822,587	40.0
36-37	0.003193	95,288	304	95,136	3,727,152	39.1
37-38	0.003308	94,984	314	94,827	3,632,016	38.2
38-39	0.003402	94,670	322	94,509	3,537,189	37.4
39-40	0.003495	94,348	330	94,183	3,442,680	36.5
40-41	0.003596	94,018	338	93,849	3,348,498	35.6
41-42	0.003740	93,680	350	93,505	3,254,649	34.7
42-43	0.003966	93,329	370	93,144	3,161,144	33.9
43-44	0.004289	92,959	399	92,760	3,068,000	33.0
44-45	0.004680	92,561	433	92,344	2,975,240	32.1

Table KY-2. Life table for males: Kentucky, 2018

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	0.005107	92,127	471	91,892	2,882,896	31.3
46-47	0.005544	91,657	508	91,403	2,791,004	30.5
47-48	0.005982	91,149	545	90,876	2,699,601	29.6
48-49	0.006424	90,603	582	90,312	2,608,725	28.8
49-50	0.006892	90,021	620	89,711	2,518,413	28.0
50-51	0.007387	89,401	660	89,071	2,428,702	27.2
51-52	0.007942	88,741	705	88,388	2,339,631	26.4
52-53	0.008589	88,036	756	87,658	2,251,243	25.6
53-54	0.009332	87,280	815	86,872	2,163,585	24.8
54-55	0.010134	86,465	876	86,027	2,076,712	24.0
55-56	0.010939	85,589	936	85,121	1,990,685	23.3
56-57	0.011747	84,653	994	84,155	1,905,565	22.5
57-58	0.012604	83,658	1,054	83,131	1,821,409	21.8
58-59	0.013539	82,604	1,118	82,045	1,738,278	21.0
59-60	0.014555	81,485	1,186	80,892	1,656,234	20.3
60-61	0.015653	80,299	1,257	79,671	1,575,341	19.6
61-62	0.016784	79,042	1,327	78,379	1,495,671	18.9
62-63	0.017905	77,716	1,391	77,020	1,417,292	18.2
63-64	0.018986	76,324	1,449	75,600	1,340,272	17.6
64-65	0.020069	74,875	1,503	74,124	1,264,672	16.9
65-66	0.021197	73,372	1,555	72,595	1,190,548	16.2
66-67	0.022588	71,817	1,622	71,006	1,117,953	15.6
67-68	0.024105	70,195	1,692	69,349	1,046,947	14.9
68-69	0.025865	68,503	1,772	67,617	977,598	14.3
69-70	0.027879	66,731	1,860	65,801	909,981	13.6
70-71	0.030114	64,871	1,954	63,894	844,180	13.0
71-72	0.032568	62,917	2,049	61,893	780,286	12.4
72-73	0.035299	60,868	2,149	59,794	718,393	11.8
73-74	0.038393	58,720	2,254	57,592	658,599	11.2
74-75	0.041851	56,465	2,363	55,284	601,007	10.6
75-76	0.045662	54,102	2,470	52,867	545,723	10.1
76-77	0.049805	51,632	2,572	50,346	492,856	9.5
77-78	0.054354	49,060	2,667	47,727	442,510	9.0
78-79	0.059299	46,394	2,751	45,018	394,783	8.5
79-80	0.064649	43,642	2,821	42,232	349,765	8.0
80-81	0.070577	40,821	2,881	39,380	307,534	7.5
81-82	0.077186	37,940	2,928	36,476	268,153	7.1
82-83	0.084529	35,011	2,959	33,532	231,678	6.6
83-84	0.093038	32,052	2,982	30,561	198,146	6.2
84-85	0.103055	29,070	2,996	27,572	167,585	5.8
85-86	0.114526	26,074	2,986	24,581	140,013	5.4
86-87	0.126094	23,088	2,911	21,632	115,432	5.0
87-88	0.138121	20,177	2,787	18,783	93,800	4.6
88-89	0.152991	17,390	2,660	16,060	75,016	4.3
89-90	0.168950	14,729	2,489	13,485	58,957	4.0

Table KY-2. Life table for males: Kentucky, 2018

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	0.185970	12,241	2,276	11,103	45,471	3.7
91-92	0.204003	9,964	2,033	8,948	34,369	3.4
92-93	0.222973	7,932	1,769	7,047	25,421	3.2
93-94	0.242782	6,163	1,496	5,415	18,373	3.0
94-95	0.263306	4,667	1,229	4,052	12,958	2.8
95-96	0.284401	3,438	978	2,949	8,906	2.6
96-97	0.305904	2,460	753	2,084	5,957	2.4
97-98	0.327639	1,708	559	1,428	3,873	2.3
98-99	0.349423	1,148	401	948	2,445	2.1
99-100	0.371070	747	277	608	1,498	2.0
100 and over	1.000000	470	470	889	889	1.9

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

Table KY-3. Life table for females: Kentucky, 2018

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	0.005058	100,000	506	99,570	7,792,607	77.9
1-2	0.000408	99,494	41	99,474	7,693,037	77.3
2-3	0.000186	99,454	18	99,444	7,593,563	76.4
3-4	0.000074	99,435	7	99,431	7,494,118	75.4
4-5	0.000149	99,428	15	99,420	7,394,687	74.4
5-6	0.000147	99,413	15	99,406	7,295,267	73.4
6-7	0.000149	99,398	15	99,391	7,195,861	72.4
7-8	0.000144	99,383	14	99,376	7,096,470	71.4
8-9	0.000127	99,369	13	99,363	6,997,094	70.4
9-10	0.000103	99,357	10	99,351	6,897,731	69.4
10-11	0.000077	99,346	8	99,343	6,798,379	68.4
11-12	0.000061	99,339	6	99,336	6,699,037	67.4
12-13	0.000067	99,333	7	99,329	6,599,701	66.4
13-14	0.000101	99,326	10	99,321	6,500,372	65.4
14-15	0.000157	99,316	16	99,308	6,401,051	64.5
15-16	0.000225	99,300	22	99,289	6,301,743	63.5
16-17	0.000292	99,278	29	99,263	6,202,454	62.5
17-18	0.000353	99,249	35	99,231	6,103,191	61.5
18-19	0.000402	99,214	40	99,194	6,003,959	60.5
19-20	0.000444	99,174	44	99,152	5,904,765	59.5
20-21	0.000485	99,130	48	99,106	5,805,613	58.6
21-22	0.000535	99,082	53	99,055	5,706,507	57.6
22-23	0.000594	99,029	59	99,000	5,607,452	56.6
23-24	0.000665	98,970	66	98,937	5,508,452	55.7
24-25	0.000745	98,904	74	98,867	5,409,515	54.7
25-26	0.000825	98,831	82	98,790	5,310,648	53.7
26-27	0.000903	98,749	89	98,705	5,211,858	52.8
27-28	0.000985	98,660	97	98,611	5,113,153	51.8
28-29	0.001075	98,563	106	98,510	5,014,542	50.9
29-30	0.001177	98,457	116	98,399	4,916,032	49.9
30-31	0.001295	98,341	127	98,277	4,817,633	49.0
31-32	0.001420	98,214	139	98,144	4,719,356	48.1
32-33	0.001522	98,074	149	97,999	4,621,212	47.1
33-34	0.001618	97,925	158	97,846	4,523,213	46.2
34-35	0.001679	97,766	164	97,684	4,425,367	45.3
35-36	0.001734	97,602	169	97,518	4,327,683	44.3
36-37	0.001800	97,433	175	97,345	4,230,165	43.4
37-38	0.001882	97,258	183	97,166	4,132,820	42.5
38-39	0.001992	97,074	193	96,978	4,035,654	41.6
39-40	0.002129	96,881	206	96,778	3,938,676	40.7
40-41	0.002291	96,675	222	96,564	3,841,898	39.7
41-42	0.002465	96,453	238	96,335	3,745,334	38.8
42-43	0.002636	96,216	254	96,089	3,648,999	37.9
43-44	0.002790	95,962	268	95,828	3,552,911	37.0
44-45	0.002932	95,694	281	95,554	3,457,082	36.1

Table KY-3. Life table for females: Kentucky, 2018

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	0.003086	95,414	294	95,266	3,361,528	35.2
46-47	0.003270	95,119	311	94,964	3,266,262	34.3
47-48	0.003483	94,808	330	94,643	3,171,298	33.4
48-49	0.003737	94,478	353	94,301	3,076,655	32.6
49-50	0.004036	94,125	380	93,935	2,982,354	31.7
50-51	0.004356	93,745	408	93,541	2,888,419	30.8
51-52	0.004707	93,337	439	93,117	2,794,878	29.9
52-53	0.005127	92,897	476	92,659	2,701,761	29.1
53-54	0.005616	92,421	519	92,161	2,609,102	28.2
54-55	0.006147	91,902	565	91,619	2,516,940	27.4
55-56	0.006690	91,337	611	91,032	2,425,321	26.6
56-57	0.007233	90,726	656	90,398	2,334,289	25.7
57-58	0.007786	90,070	701	89,719	2,243,891	24.9
58-59	0.008360	89,369	747	88,995	2,154,172	24.1
59-60	0.008967	88,621	795	88,224	2,065,177	23.3
60-61	0.009618	87,827	845	87,404	1,976,953	22.5
61-62	0.010310	86,982	897	86,534	1,889,549	21.7
62-63	0.011037	86,085	950	85,610	1,803,015	20.9
63-64	0.011805	85,135	1,005	84,633	1,717,405	20.2
64-65	0.012631	84,130	1,063	83,599	1,632,772	19.4
65-66	0.013531	83,068	1,124	82,506	1,549,173	18.6
66-67	0.014599	81,943	1,196	81,345	1,466,668	17.9
67-68	0.015767	80,747	1,273	80,111	1,385,322	17.2
68-69	0.017080	79,474	1,357	78,795	1,305,212	16.4
69-70	0.018563	78,117	1,450	77,392	1,226,416	15.7
70-71	0.020230	76,667	1,551	75,891	1,149,025	15.0
71-72	0.022116	75,116	1,661	74,285	1,073,134	14.3
72-73	0.024284	73,454	1,784	72,562	998,849	13.6
73-74	0.026772	71,671	1,919	70,711	926,287	12.9
74-75	0.029584	69,752	2,064	68,720	855,575	12.3
75-76	0.032689	67,688	2,213	66,582	786,855	11.6
76-77	0.036097	65,476	2,363	64,294	720,273	11.0
77-78	0.039931	63,112	2,520	61,852	655,979	10.4
78-79	0.044251	60,592	2,681	59,251	594,127	9.8
79-80	0.049053	57,911	2,841	56,490	534,876	9.2
80-81	0.054197	55,070	2,985	53,578	478,385	8.7
81-82	0.059644	52,085	3,107	50,532	424,808	8.2
82-83	0.065665	48,979	3,216	47,371	374,275	7.6
83-84	0.072702	45,763	3,327	44,099	326,905	7.1
84-85	0.081174	42,436	3,445	40,713	282,805	6.7
85-86	0.091348	38,991	3,562	37,210	242,092	6.2
86-87	0.103210	35,429	3,657	33,601	204,882	5.8
87-88	0.114397	31,773	3,635	29,955	171,281	5.4
88-89	0.126525	28,138	3,560	26,358	141,326	5.0
89-90	0.139613	24,578	3,431	22,862	114,968	4.7

Table KY-3. Life table for females: Kentucky, 2018

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	0.153671	21,146	3,250	19,522	92,106	4.4
91-92	0.168690	17,897	3,019	16,387	72,584	4.1
92-93	0.184649	14,878	2,747	13,504	56,197	3.8
93-94	0.201507	12,131	2,444	10,908	42,693	3.5
94-95	0.219205	9,686	2,123	8,625	31,784	3.3
95-96	0.237662	7,563	1,797	6,664	23,160	3.1
96-97	0.256782	5,766	1,480	5,025	16,496	2.9
97-98	0.276448	4,285	1,185	3,693	11,470	2.7
98-99	0.296531	3,100	919	2,641	7,777	2.5
99-100	0.316889	2,181	691	1,835	5,137	2.4
100 and over	1.000000	1,490	1,490	3,301	3,301	2.2

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