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Table KY-2. Life table for males: Kentucky, 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	0.006373	100,000	637	99,446	6,957,787	69.6
1-2	0.000411	99,363	41	99,342	6,858,341	69.0
2-3	0.000294	99,322	29	99,307	6,758,999	68.1
3-4	0.000217	99,293	22	99,282	6,659,692	67.1
4-5	0.000143	99,271	14	99,264	6,560,410	66.1
5-6	0.000203	99,257	20	99,247	6,461,146	65.1
6-7	0.000203	99,237	20	99,227	6,361,899	64.1
7-8	0.000197	99,217	20	99,207	6,262,672	63.1
8-9	0.000180	99,197	18	99,188	6,163,465	62.1
9-10	0.000157	99,179	16	99,171	6,064,277	61.1
10-11	0.000139	99,164	14	99,157	5,965,106	60.2
11-12	0.000146	99,150	14	99,143	5,865,949	59.2
12-13	0.000199	99,135	20	99,126	5,766,806	58.2
13-14	0.000310	99,116	31	99,100	5,667,681	57.2
14-15	0.000468	99,085	46	99,062	5,568,580	56.2
15-16	0.000644	99,039	64	99,007	5,469,518	55.2
16-17	0.000824	98,975	82	98,934	5,370,512	54.3
17-18	0.001022	98,893	101	98,843	5,271,578	53.3
18-19	0.001233	98,792	122	98,731	5,172,735	52.4
19-20	0.001449	98,670	143	98,599	5,074,004	51.4
20-21	0.001681	98,527	166	98,445	4,975,405	50.5
21-22	0.001911	98,362	188	98,268	4,876,960	49.6
22-23	0.002102	98,174	206	98,070	4,778,693	48.7
23-24	0.002242	97,967	220	97,858	4,680,622	47.8
24-25	0.002348	97,748	230	97,633	4,582,765	46.9
25-26	0.002437	97,518	238	97,399	4,485,132	46.0
26-27	0.002547	97,281	248	97,157	4,387,732	45.1
27-28	0.002714	97,033	263	96,901	4,290,576	44.2
28-29	0.002964	96,769	287	96,626	4,193,675	43.3
29-30	0.003270	96,483	315	96,325	4,097,049	42.5
30-31	0.003603	96,167	346	95,994	4,000,724	41.6
31-32	0.003914	95,821	375	95,633	3,904,730	40.8
32-33	0.004187	95,446	400	95,246	3,809,097	39.9
33-34	0.004370	95,046	415	94,838	3,713,851	39.1
34-35	0.004511	94,631	427	94,417	3,619,012	38.2
35-36	0.004647	94,204	438	93,985	3,524,595	37.4
36-37	0.004807	93,766	451	93,541	3,430,610	36.6
37-38	0.004982	93,315	465	93,083	3,337,070	35.8
38-39	0.005177	92,850	481	92,610	3,243,987	34.9
39-40	0.005388	92,370	498	92,121	3,151,377	34.1
40-41	0.005624	91,872	517	91,614	3,059,256	33.3
41-42	0.005871	91,355	536	91,087	2,967,642	32.5
42-43	0.006109	90,819	555	90,542	2,876,555	31.7
43-44	0.006336	90,264	572	89,978	2,786,013	30.9
44-45	0.006581	89,692	590	89,397	2,696,035	30.1

Table KY-2. Life table for males: Kentucky, 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	0.006842	89,102	610	88,797	2,606,638	29.3
46-47	0.007177	88,492	635	88,175	2,517,841	28.5
47-48	0.007661	87,857	673	87,521	2,429,666	27.7
48-49	0.008319	87,184	725	86,822	2,342,145	26.9
49-50	0.009090	86,459	786	86,066	2,255,323	26.1
50-51	0.009936	85,673	851	85,248	2,169,257	25.3
51-52	0.010776	84,822	914	84,365	2,084,010	24.6
52-53	0.011540	83,908	968	83,424	1,999,645	23.8
53-54	0.012193	82,940	1,011	82,434	1,916,221	23.1
54-55	0.012796	81,928	1,048	81,404	1,833,787	22.4
55-56	0.013344	80,880	1,079	80,340	1,752,383	21.7
56-57	0.013992	79,801	1,117	79,242	1,672,043	21.0
57-58	0.014938	78,684	1,175	78,096	1,592,800	20.2
58-59	0.016281	77,509	1,262	76,878	1,514,704	19.5
59-60	0.017902	76,247	1,365	75,564	1,437,826	18.9
60-61	0.019690	74,882	1,474	74,145	1,362,262	18.2
61-62	0.021402	73,407	1,571	72,622	1,288,118	17.5
62-63	0.022874	71,836	1,643	71,015	1,215,496	16.9
63-64	0.023995	70,193	1,684	69,351	1,144,481	16.3
64-65	0.024900	68,509	1,706	67,656	1,075,130	15.7
65-66	0.025753	66,803	1,720	65,943	1,007,474	15.1
66-67	0.026994	65,083	1,757	64,204	941,532	14.5
67-68	0.028584	63,326	1,810	62,421	877,327	13.9
68-69	0.030665	61,516	1,886	60,572	814,907	13.2
69-70	0.033115	59,629	1,975	58,642	754,334	12.7
70-71	0.035722	57,655	2,060	56,625	695,692	12.1
71-72	0.038478	55,595	2,139	54,526	639,067	11.5
72-73	0.041535	53,456	2,220	52,346	584,542	10.9
73-74	0.044982	51,236	2,305	50,083	532,196	10.4
74-75	0.048896	48,931	2,393	47,735	482,113	9.9
75-76	0.053435	46,538	2,487	45,295	434,378	9.3
76-77	0.058586	44,052	2,581	42,761	389,083	8.8
77-78	0.064102	41,471	2,658	40,142	346,322	8.4
78-79	0.069712	38,812	2,706	37,460	306,180	7.9
79-80	0.075465	36,107	2,725	34,744	268,720	7.4
80-81	0.081493	33,382	2,720	32,022	233,976	7.0
81-82	0.088134	30,662	2,702	29,310	201,954	6.6
82-83	0.095734	27,959	2,677	26,621	172,644	6.2
83-84	0.104456	25,283	2,641	23,962	146,023	5.8
84-85	0.114591	22,642	2,595	21,344	122,061	5.4
85-86	0.126582	20,047	2,538	18,778	100,716	5.0
86-87	0.139606	17,510	2,444	16,287	81,938	4.7
87-88	0.151316	15,065	2,280	13,925	65,651	4.4
88-89	0.167007	12,786	2,135	11,718	51,725	4.0
89-90	0.183744	10,650	1,957	9,672	40,007	3.8

Table KY-2. Life table for males: Kentucky, 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	0.201482	8,693	1,752	7,818	30,336	3.5
91-92	0.220152	6,942	1,528	6,178	22,518	3.2
92-93	0.239661	5,414	1,297	4,765	16,340	3.0
93-94	0.259893	4,116	1,070	3,581	11,576	2.8
94-95	0.280709	3,046	855	2,619	7,994	2.6
95-96	0.301956	2,191	662	1,860	5,376	2.5
96-97	0.323462	1,530	495	1,282	3,515	2.3
97-98	0.345051	1,035	357	856	2,233	2.2
98-99	0.366543	678	248	554	1,377	2.0
99-100	0.387758	429	166	346	823	1.9
100 and older	1.000000	263	263	477	477	1.8

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

Table KY-3. Life table for females: Kentucky, 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	0.006087	100,000	609	99,465	7,527,234	75.3
1-2	0.000547	99,391	54	99,364	7,427,769	74.7
2-3	0.000308	99,337	31	99,322	7,328,404	73.8
3-4	0.000152	99,306	15	99,299	7,229,083	72.8
4-5	0.000113	99,291	11	99,286	7,129,784	71.8
5-6	0.000202	99,280	20	99,270	7,030,499	70.8
6-7	0.000206	99,260	20	99,250	6,931,229	69.8
7-8	0.000198	99,239	20	99,230	6,831,979	68.8
8-9	0.000175	99,220	17	99,211	6,732,750	67.9
9-10	0.000140	99,202	14	99,195	6,633,539	66.9
10-11	0.000103	99,189	10	99,183	6,534,343	65.9
11-12	0.000081	99,178	8	99,174	6,435,160	64.9
12-13	0.000093	99,170	9	99,166	6,335,985	63.9
13-14	0.000149	99,161	15	99,154	6,236,820	62.9
14-15	0.000239	99,146	24	99,134	6,137,666	61.9
15-16	0.000341	99,123	34	99,106	6,038,532	60.9
16-17	0.000439	99,089	44	99,067	5,939,426	59.9
17-18	0.000534	99,045	53	99,019	5,840,359	59.0
18-19	0.000616	98,992	61	98,962	5,741,340	58.0
19-20	0.000689	98,931	68	98,897	5,642,378	57.0
20-21	0.000768	98,863	76	98,825	5,543,481	56.1
21-22	0.000850	98,787	84	98,745	5,444,656	55.1
22-23	0.000918	98,703	91	98,658	5,345,910	54.2
23-24	0.000967	98,613	95	98,565	5,247,252	53.2
24-25	0.001007	98,517	99	98,468	5,148,687	52.3
25-26	0.001047	98,418	103	98,367	5,050,219	51.3
26-27	0.001100	98,315	108	98,261	4,951,853	50.4
27-28	0.001170	98,207	115	98,150	4,853,592	49.4
28-29	0.001262	98,092	124	98,030	4,755,442	48.5
29-30	0.001373	97,968	135	97,901	4,657,412	47.5
30-31	0.001485	97,834	145	97,761	4,559,511	46.6
31-32	0.001604	97,689	157	97,610	4,461,750	45.7
32-33	0.001760	97,532	172	97,446	4,364,139	44.7
33-34	0.001957	97,360	191	97,265	4,266,693	43.8
34-35	0.002195	97,170	213	97,063	4,169,428	42.9
35-36	0.002467	96,956	239	96,837	4,072,365	42.0
36-37	0.002738	96,717	265	96,585	3,975,529	41.1
37-38	0.002968	96,452	286	96,309	3,878,944	40.2
38-39	0.003128	96,166	301	96,016	3,782,635	39.3
39-40	0.003238	95,865	310	95,710	3,686,619	38.5
40-41	0.003344	95,555	320	95,395	3,590,909	37.6
41-42	0.003479	95,235	331	95,070	3,495,514	36.7
42-43	0.003642	94,904	346	94,731	3,400,444	35.8
43-44	0.003851	94,558	364	94,376	3,305,713	35.0
44-45	0.004108	94,194	387	94,001	3,211,337	34.1

Table KY-3. Life table for females: Kentucky, 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	0.004411	93,807	414	93,600	3,117,336	33.2
46-47	0.004746	93,393	443	93,172	3,023,736	32.4
47-48	0.005099	92,950	474	92,713	2,930,564	31.5
48-49	0.005454	92,476	504	92,224	2,837,851	30.7
49-50	0.005815	91,972	535	91,704	2,745,627	29.9
50-51	0.006175	91,437	565	91,155	2,653,923	29.0
51-52	0.006583	90,872	598	90,573	2,562,769	28.2
52-53	0.007099	90,274	641	89,954	2,472,195	27.4
53-54	0.007748	89,633	694	89,286	2,382,242	26.6
54-55	0.008490	88,939	755	88,561	2,292,956	25.8
55-56	0.009268	88,184	817	87,775	2,204,395	25.0
56-57	0.010025	87,366	876	86,928	2,116,619	24.2
57-58	0.010747	86,490	929	86,026	2,029,691	23.5
58-59	0.011416	85,561	977	85,073	1,943,665	22.7
59-60	0.012062	84,584	1,020	84,074	1,858,593	22.0
60-61	0.012724	83,564	1,063	83,032	1,774,519	21.2
61-62	0.013439	82,501	1,109	81,946	1,691,486	20.5
62-63	0.014227	81,392	1,158	80,813	1,609,540	19.8
63-64	0.015123	80,234	1,213	79,627	1,528,727	19.1
64-65	0.016135	79,021	1,275	78,383	1,449,099	18.3
65-66	0.017238	77,746	1,340	77,076	1,370,716	17.6
66-67	0.018516	76,406	1,415	75,698	1,293,641	16.9
67-68	0.019869	74,991	1,490	74,246	1,217,942	16.2
68-69	0.021310	73,501	1,566	72,718	1,143,697	15.6
69-70	0.022862	71,935	1,645	71,112	1,070,979	14.9
70-71	0.024524	70,290	1,724	69,428	999,867	14.2
71-72	0.026382	68,566	1,809	67,662	930,439	13.6
72-73	0.028557	66,757	1,906	65,804	862,777	12.9
73-74	0.031182	64,851	2,022	63,840	796,973	12.3
74-75	0.034277	62,829	2,154	61,752	733,133	11.7
75-76	0.037772	60,675	2,292	59,529	671,381	11.1
76-77	0.041655	58,383	2,432	57,167	611,852	10.5
77-78	0.045961	55,951	2,572	54,666	554,685	9.9
78-79	0.050551	53,380	2,698	52,031	500,019	9.4
79-80	0.055367	50,681	2,806	49,278	447,989	8.8
80-81	0.060458	47,875	2,894	46,428	398,710	8.3
81-82	0.065955	44,981	2,967	43,497	352,282	7.8
82-83	0.071991	42,014	3,025	40,502	308,785	7.3
83-84	0.078874	38,989	3,075	37,452	268,283	6.9
84-85	0.086824	35,914	3,118	34,355	230,832	6.4
85-86	0.096097	32,796	3,152	31,220	196,477	6.0
86-87	0.106081	29,644	3,145	28,072	165,256	5.6
87-88	0.117346	26,500	3,110	24,945	137,184	5.2
88-89	0.129807	23,390	3,036	21,872	112,240	4.8
89-90	0.144814	20,354	2,948	18,880	90,368	4.4

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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	0.161035	17,406	2,803	16,005	71,488	4.1
91-92	0.178452	14,603	2,606	13,300	55,483	3.8
92-93	0.197019	11,997	2,364	10,815	42,182	3.5
93-94	0.216660	9,634	2,087	8,590	31,367	3.3
94-95	0.237270	7,546	1,791	6,651	22,777	3.0
95-96	0.258714	5,756	1,489	5,011	16,126	2.8
96-97	0.280828	4,267	1,198	3,668	11,115	2.6
97-98	0.303427	3,069	931	2,603	7,447	2.4
98-99	0.326306	2,137	697	1,789	4,844	2.3
99-100	0.349251	1,440	503	1,189	3,055	2.1
100 and older	1.000000	937	937	1,867	1,867	2.0

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