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Table KY-2. Life table for males: Kentucky, 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	0.005995	100,000	599	99,498	7,105,358	71.1
1-2	0.000680	99,401	68	99,367	7,005,860	70.5
2-3	0.000554	99,333	55	99,305	6,906,493	69.5
3-4	0.000291	99,278	29	99,263	6,807,188	68.6
4-5	0.000467	99,249	46	99,226	6,707,924	67.6
5-6	0.000251	99,203	25	99,190	6,608,698	66.6
6-7	0.000204	99,178	20	99,168	6,509,508	65.6
7-8	0.000173	99,157	17	99,149	6,410,340	64.6
8-9	0.000150	99,140	15	99,133	6,311,192	63.7
9-10	0.000137	99,125	14	99,119	6,212,059	62.7
10-11	0.000138	99,112	14	99,105	6,112,940	61.7
11-12	0.000165	99,098	16	99,090	6,013,835	60.7
12-13	0.000230	99,082	23	99,070	5,914,745	59.7
13-14	0.000340	99,059	34	99,042	5,815,674	58.7
14-15	0.000485	99,025	48	99,001	5,716,632	57.7
15-16	0.000653	98,977	65	98,945	5,617,631	56.8
16-17	0.000823	98,913	81	98,872	5,518,686	55.8
17-18	0.000979	98,831	97	98,783	5,419,814	54.8
18-19	0.001104	98,735	109	98,680	5,321,031	53.9
19-20	0.001205	98,625	119	98,566	5,222,351	53.0
20-21	0.001304	98,507	128	98,442	5,123,785	52.0
21-22	0.001411	98,378	139	98,309	5,025,342	51.1
22-23	0.001515	98,239	149	98,165	4,927,033	50.2
23-24	0.001620	98,091	159	98,011	4,828,868	49.2
24-25	0.001733	97,932	170	97,847	4,730,857	48.3
25-26	0.001850	97,762	181	97,672	4,633,010	47.4
26-27	0.001982	97,581	193	97,484	4,535,339	46.5
27-28	0.002150	97,388	209	97,283	4,437,854	45.6
28-29	0.002358	97,178	229	97,064	4,340,571	44.7
29-30	0.002591	96,949	251	96,824	4,243,508	43.8
30-31	0.002833	96,698	274	96,561	4,146,684	42.9
31-32	0.003069	96,424	296	96,276	4,050,123	42.0
32-33	0.003323	96,128	319	95,968	3,953,847	41.1
33-34	0.003526	95,809	338	95,640	3,857,879	40.3
34-35	0.003756	95,471	359	95,292	3,762,239	39.4
35-36	0.004005	95,112	381	94,922	3,666,947	38.6
36-37	0.004267	94,731	404	94,529	3,572,026	37.7
37-38	0.004515	94,327	426	94,114	3,477,496	36.9
38-39	0.004731	93,901	444	93,679	3,383,382	36.0
39-40	0.004916	93,457	459	93,227	3,289,703	35.2
40-41	0.005106	92,997	475	92,760	3,196,476	34.4
41-42	0.005309	92,523	491	92,277	3,103,716	33.5
42-43	0.005507	92,031	507	91,778	3,011,439	32.7

Table KY-2. Life table for males: Kentucky, 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	0.005710	91,525	523	91,263	2,919,661	31.9
44-45	0.005937	91,002	540	90,732	2,828,397	31.1
45-46	0.006197	90,462	561	90,181	2,737,665	30.3
46-47	0.006509	89,901	585	89,609	2,647,484	29.4
47-48	0.006892	89,316	616	89,008	2,557,875	28.6
48-49	0.007342	88,700	651	88,375	2,468,867	27.8
49-50	0.007839	88,049	690	87,704	2,380,492	27.0
50-51	0.008365	87,359	731	86,994	2,292,788	26.2
51-52	0.008925	86,628	773	86,242	2,205,795	25.5
52-53	0.009543	85,855	819	85,445	2,119,553	24.7
53-54	0.010241	85,036	871	84,600	2,034,108	23.9
54-55	0.011027	84,165	928	83,701	1,949,507	23.2
55-56	0.011850	83,237	986	82,744	1,865,807	22.4
56-57	0.012728	82,251	1,047	81,727	1,783,063	21.7
57-58	0.013743	81,204	1,116	80,646	1,701,336	21.0
58-59	0.014904	80,088	1,194	79,491	1,620,690	20.2
59-60	0.016160	78,894	1,275	78,257	1,541,199	19.5
60-61	0.017466	77,619	1,356	76,941	1,462,943	18.8
61-62	0.018769	76,263	1,431	75,548	1,386,002	18.2
62-63	0.020048	74,832	1,500	74,082	1,310,454	17.5
63-64	0.021305	73,332	1,562	72,551	1,236,372	16.9
64-65	0.022585	71,769	1,621	70,959	1,163,822	16.2
65-66	0.023951	70,148	1,680	69,308	1,092,863	15.6
66-67	0.025604	68,468	1,753	67,592	1,023,554	14.9
67-68	0.027274	66,715	1,820	65,805	955,963	14.3
68-69	0.029006	64,896	1,882	63,954	890,157	13.7
69-70	0.030823	63,013	1,942	62,042	826,203	13.1
70-71	0.032723	61,071	1,998	60,072	764,160	12.5
71-72	0.034857	59,073	2,059	58,043	704,089	11.9
72-73	0.037421	57,014	2,134	55,947	646,046	11.3
73-74	0.040533	54,880	2,224	53,768	590,099	10.8
74-75	0.044221	52,656	2,328	51,491	536,331	10.2
75-76	0.048452	50,327	2,438	49,108	484,840	9.6
76-77	0.053279	47,889	2,551	46,613	435,732	9.1
77-78	0.058785	45,337	2,665	44,005	389,119	8.6
78-79	0.064803	42,672	2,765	41,289	345,114	8.1
79-80	0.071146	39,907	2,839	38,487	303,825	7.6
80-81	0.077769	37,068	2,883	35,626	265,338	7.2
81-82	0.084938	34,185	2,904	32,733	229,712	6.7
82-83	0.092969	31,281	2,908	29,827	196,978	6.3
83-84	0.102010	28,373	2,894	26,926	167,151	5.9
84-85	0.112018	25,479	2,854	24,052	140,225	5.5
85-86	0.123229	22,625	2,788	21,231	116,174	5.1

Table KY-2. Life table for males: Kentucky, 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	0.131343	19,837	2,605	18,534	94,943	4.8
87-88	0.146117	17,231	2,518	15,972	76,409	4.4
88-89	0.162049	14,713	2,384	13,521	60,437	4.1
89-90	0.179121	12,329	2,208	11,225	46,915	3.8
90-91	0.197287	10,121	1,997	9,122	35,690	3.5
91-92	0.216479	8,124	1,759	7,245	26,568	3.3
92-93	0.236596	6,365	1,506	5,612	19,323	3.0
93-94	0.257513	4,859	1,251	4,234	13,711	2.8
94-95	0.279080	3,608	1,007	3,105	9,477	2.6
95-96	0.301123	2,601	783	2,209	6,373	2.5
96-97	0.323455	1,818	588	1,524	4,163	2.3
97-98	0.345876	1,230	425	1,017	2,639	2.1
98-99	0.368183	804	296	656	1,622	2.0
99-100	0.390180	508	198	409	966	1.9
100 and older	1.000000	310	310	557	557	1.8

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

Table KY-3. Life table for females: Kentucky, 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	0.005545	100,000	555	99,547	7,619,854	76.2
1-2	0.000594	99,445	59	99,416	7,520,307	75.6
2-3	0.000349	99,386	35	99,369	7,420,891	74.7
3-4	0.000229	99,352	23	99,340	7,321,522	73.7
4-5	0.000151	99,329	15	99,321	7,222,182	72.7
5-6	0.000140	99,314	14	99,307	7,122,861	71.7
6-7	0.000111	99,300	11	99,295	7,023,554	70.7
7-8	0.000093	99,289	9	99,284	6,924,259	69.7
8-9	0.000086	99,280	9	99,275	6,824,975	68.7
9-10	0.000088	99,271	9	99,267	6,725,699	67.8
10-11	0.000100	99,262	10	99,257	6,626,433	66.8
11-12	0.000120	99,252	12	99,247	6,527,175	65.8
12-13	0.000149	99,241	15	99,233	6,427,929	64.8
13-14	0.000188	99,226	19	99,216	6,328,695	63.8
14-15	0.000235	99,207	23	99,196	6,229,479	62.8
15-16	0.000290	99,184	29	99,169	6,130,283	61.8
16-17	0.000351	99,155	35	99,138	6,031,114	60.8
17-18	0.000411	99,120	41	99,100	5,931,976	59.8
18-19	0.000467	99,080	46	99,056	5,832,876	58.9
19-20	0.000518	99,033	51	99,008	5,733,820	57.9
20-21	0.000569	98,982	56	98,954	5,634,812	56.9
21-22	0.000623	98,926	62	98,895	5,535,859	56.0
22-23	0.000688	98,864	68	98,830	5,436,964	55.0
23-24	0.000768	98,796	76	98,758	5,338,134	54.0
24-25	0.000863	98,720	85	98,678	5,239,376	53.1
25-26	0.000976	98,635	96	98,587	5,140,698	52.1
26-27	0.001095	98,539	108	98,485	5,042,111	51.2
27-28	0.001198	98,431	118	98,372	4,943,626	50.2
28-29	0.001269	98,313	125	98,250	4,845,255	49.3
29-30	0.001319	98,188	130	98,123	4,747,004	48.3
30-31	0.001357	98,059	133	97,992	4,648,881	47.4
31-32	0.001416	97,925	139	97,856	4,550,889	46.5
32-33	0.001537	97,787	150	97,712	4,453,033	45.5
33-34	0.001706	97,636	167	97,553	4,355,321	44.6
34-35	0.001950	97,470	190	97,375	4,257,768	43.7
35-36	0.002230	97,280	217	97,171	4,160,393	42.8
36-37	0.002505	97,063	243	96,941	4,063,222	41.9
37-38	0.002755	96,820	267	96,686	3,966,281	41.0
38-39	0.002944	96,553	284	96,411	3,869,595	40.1
39-40	0.003081	96,269	297	96,120	3,773,184	39.2
40-41	0.003215	95,972	309	95,818	3,677,063	38.3
41-42	0.003363	95,664	322	95,503	3,581,246	37.4
42-43	0.003494	95,342	333	95,175	3,485,743	36.6

Table KY-3. Life table for females: Kentucky, 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	0.003614	95,009	343	94,837	3,390,568	35.7
44-45	0.003737	94,665	354	94,488	3,295,731	34.8
45-46	0.003887	94,312	367	94,128	3,201,242	33.9
46-47	0.004073	93,945	383	93,754	3,107,114	33.1
47-48	0.004286	93,562	401	93,362	3,013,360	32.2
48-49	0.004519	93,161	421	92,951	2,919,999	31.3
49-50	0.004777	92,740	443	92,519	2,827,048	30.5
50-51	0.005042	92,297	465	92,065	2,734,529	29.6
51-52	0.005359	91,832	492	91,586	2,642,464	28.8
52-53	0.005791	91,340	529	91,075	2,550,879	27.9
53-54	0.006372	90,811	579	90,521	2,459,803	27.1
54-55	0.007071	90,232	638	89,913	2,369,282	26.3
55-56	0.007820	89,594	701	89,244	2,279,369	25.4
56-57	0.008575	88,893	762	88,512	2,190,125	24.6
57-58	0.009345	88,131	824	87,719	2,101,613	23.8
58-59	0.010110	87,308	883	86,866	2,013,893	23.1
59-60	0.010870	86,425	939	85,955	1,927,027	22.3
60-61	0.011654	85,486	996	84,987	1,841,071	21.5
61-62	0.012466	84,489	1,053	83,963	1,756,084	20.8
62-63	0.013285	83,436	1,108	82,882	1,672,121	20.0
63-64	0.014124	82,328	1,163	81,746	1,589,240	19.3
64-65	0.015014	81,165	1,219	80,555	1,507,494	18.6
65-66	0.015968	79,946	1,277	79,308	1,426,938	17.8
66-67	0.017089	78,670	1,344	77,997	1,347,630	17.1
67-68	0.018307	77,325	1,416	76,617	1,269,633	16.4
68-69	0.019663	75,910	1,493	75,163	1,193,015	15.7
69-70	0.021165	74,417	1,575	73,629	1,117,852	15.0
70-71	0.022804	72,842	1,661	72,011	1,044,223	14.3
71-72	0.024653	71,181	1,755	70,303	972,211	13.7
72-73	0.026880	69,426	1,866	68,493	901,908	13.0
73-74	0.029588	67,560	1,999	66,560	833,415	12.3
74-75	0.032774	65,561	2,149	64,487	766,854	11.7
75-76	0.036275	63,412	2,300	62,262	702,368	11.1
76-77	0.040074	61,112	2,449	59,887	640,106	10.5
77-78	0.044351	58,663	2,602	57,362	580,218	9.9
78-79	0.049198	56,061	2,758	54,682	522,856	9.3
79-80	0.054586	53,303	2,910	51,848	468,174	8.8
80-81	0.060414	50,394	3,044	48,871	416,326	8.3
81-82	0.066627	47,349	3,155	45,772	367,455	7.8
82-83	0.073404	44,194	3,244	42,572	321,683	7.3
83-84	0.080820	40,950	3,310	39,295	279,111	6.8
84-85	0.089121	37,641	3,355	35,963	239,815	6.4
85-86	0.098712	34,286	3,384	32,594	203,852	5.9

Table KY-3. Life table for females: Kentucky, 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	0.108808	30,902	3,362	29,220	171,258	5.5
87-88	0.120215	27,539	3,311	25,884	142,038	5.2
88-89	0.131666	24,229	3,190	22,634	116,154	4.8
89-90	0.146252	21,039	3,077	19,500	93,520	4.4
90-91	0.161965	17,962	2,909	16,507	74,020	4.1
91-92	0.178787	15,052	2,691	13,707	57,513	3.8
92-93	0.196675	12,361	2,431	11,146	43,806	3.5
93-94	0.215562	9,930	2,141	8,860	32,660	3.3
94-95	0.235354	7,790	1,833	6,873	23,800	3.1
95-96	0.255932	5,956	1,524	5,194	16,927	2.8
96-97	0.277154	4,432	1,228	3,818	11,733	2.6
97-98	0.298855	3,204	957	2,725	7,916	2.5
98-99	0.320855	2,246	721	1,886	5,191	2.3
99-100	0.342965	1,525	523	1,264	3,305	2.2
100 and older	1.000000	1,002	1,002	2,041	2,041	2.0

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