

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2022):
U.S. State Life Tables, 2019. National Vital Statistics Report Volume 70, Number 18. 18pp.
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Table IL-2. Life table for males: Illinois, 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	0.006035	100,000	604	99,474	7,643,005	76.4
1-2	0.000250	99,396	25	99,384	7,543,531	75.9
2-3	0.000262	99,372	26	99,359	7,444,147	74.9
3-4	0.000209	99,346	21	99,335	7,344,788	73.9
4-5	0.000169	99,325	17	99,316	7,245,453	72.9
5-6	0.000143	99,308	14	99,301	7,146,136	72.0
6-7	0.000127	99,294	13	99,288	7,046,835	71.0
7-8	0.000110	99,281	11	99,276	6,947,548	70.0
8-9	0.000089	99,270	9	99,266	6,848,272	69.0
9-10	0.000066	99,262	7	99,258	6,749,006	68.0
10-11	0.000049	99,255	5	99,253	6,649,748	67.0
11-12	0.000052	99,250	5	99,248	6,550,495	66.0
12-13	0.000092	99,245	9	99,240	6,451,248	65.0
13-14	0.000177	99,236	18	99,227	6,352,007	64.0
14-15	0.000296	99,218	29	99,204	6,252,780	63.0
15-16	0.000429	99,189	43	99,168	6,153,577	62.0
16-17	0.000559	99,146	55	99,119	6,054,409	61.1
17-18	0.000690	99,091	68	99,057	5,955,290	60.1
18-19	0.000817	99,023	81	98,982	5,856,233	59.1
19-20	0.000941	98,942	93	98,895	5,757,251	58.2
20-21	0.001069	98,849	106	98,796	5,658,356	57.2
21-22	0.001198	98,743	118	98,684	5,559,560	56.3
22-23	0.001310	98,625	129	98,560	5,460,876	55.4
23-24	0.001397	98,496	138	98,427	5,362,316	54.4
24-25	0.001462	98,358	144	98,286	5,263,889	53.5
25-26	0.001518	98,214	149	98,140	5,165,603	52.6
26-27	0.001571	98,065	154	97,988	5,067,463	51.7
27-28	0.001617	97,911	158	97,832	4,969,475	50.8
28-29	0.001657	97,753	162	97,672	4,871,644	49.8
29-30	0.001696	97,591	165	97,508	4,773,972	48.9
30-31	0.001733	97,425	169	97,341	4,676,464	48.0
31-32	0.001773	97,256	172	97,170	4,579,123	47.1
32-33	0.001801	97,084	175	96,997	4,481,953	46.2
33-34	0.001878	96,909	182	96,818	4,384,957	45.2
34-35	0.001944	96,727	188	96,633	4,288,138	44.3
35-36	0.002019	96,539	195	96,442	4,191,505	43.4
36-37	0.002098	96,344	202	96,243	4,095,064	42.5
37-38	0.002179	96,142	209	96,037	3,998,821	41.6
38-39	0.002261	95,932	217	95,824	3,902,783	40.7
39-40	0.002351	95,716	225	95,603	3,806,959	39.8
40-41	0.002456	95,491	235	95,373	3,711,356	38.9
41-42	0.002583	95,256	246	95,133	3,615,983	38.0
42-43	0.002733	95,010	260	94,880	3,520,850	37.1
43-44	0.002904	94,750	275	94,613	3,425,970	36.2
44-45	0.003094	94,475	292	94,329	3,331,357	35.3
45-46	0.003314	94,183	312	94,027	3,237,028	34.4
46-47	0.003557	93,871	334	93,704	3,143,001	33.5
47-48	0.003807	93,537	356	93,359	3,049,298	32.6
48-49	0.004061	93,181	378	92,992	2,955,939	31.7
49-50	0.004339	92,802	403	92,601	2,862,947	30.8
50-51	0.004627	92,400	428	92,186	2,770,346	30.0
51-52	0.004970	91,972	457	91,744	2,678,160	29.1
52-53	0.005434	91,515	497	91,266	2,586,417	28.3

Table IL-2. Life table for males: Illinois, 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	0.006035	91,018	549	90,743	2,495,150	27.4
54-55	0.006719	90,468	608	90,164	2,404,407	26.6
55-56	0.007423	89,861	667	89,527	2,314,243	25.8
56-57	0.008106	89,193	723	88,832	2,224,716	24.9
57-58	0.008777	88,471	776	88,082	2,135,884	24.1
58-59	0.009441	87,694	828	87,280	2,047,802	23.4
59-60	0.010122	86,866	879	86,427	1,960,521	22.6
60-61	0.010831	85,987	931	85,521	1,874,095	21.8
61-62	0.011583	85,056	985	84,563	1,788,574	21.0
62-63	0.012410	84,070	1,043	83,549	1,704,011	20.3
63-64	0.013340	83,027	1,108	82,473	1,620,462	19.5
64-65	0.014377	81,919	1,178	81,331	1,537,989	18.8
65-66	0.015551	80,742	1,256	80,114	1,456,658	18.0
66-67	0.016987	79,486	1,350	78,811	1,376,544	17.3
67-68	0.018329	78,136	1,432	77,420	1,297,733	16.6
68-69	0.019563	76,704	1,501	75,953	1,220,314	15.9
69-70	0.020787	75,203	1,563	74,421	1,144,360	15.2
70-71	0.022115	73,640	1,629	72,826	1,069,939	14.5
71-72	0.023704	72,011	1,707	71,158	997,113	13.8
72-73	0.025649	70,304	1,803	69,403	925,955	13.2
73-74	0.028062	68,501	1,922	67,540	856,553	12.5
74-75	0.030975	66,579	2,062	65,548	789,013	11.9
75-76	0.034298	64,516	2,213	63,410	723,465	11.2
76-77	0.037956	62,304	2,365	61,121	660,055	10.6
77-78	0.041996	59,939	2,517	58,680	598,934	10.0
78-79	0.046473	57,422	2,669	56,087	540,253	9.4
79-80	0.051510	54,753	2,820	53,343	484,166	8.8
80-81	0.057242	51,933	2,973	50,446	430,823	8.3
81-82	0.063801	48,960	3,124	47,398	380,377	7.8
82-83	0.071206	45,836	3,264	44,204	332,978	7.3
83-84	0.080710	42,573	3,436	40,855	288,774	6.8
84-85	0.089854	39,136	3,517	37,378	247,920	6.3
85-86	0.099858	35,620	3,557	33,841	210,541	5.9
86-87	0.110762	32,063	3,551	30,287	176,700	5.5
87-88	0.122599	28,512	3,496	26,764	146,413	5.1
88-89	0.135393	25,016	3,387	23,323	119,649	4.8
89-90	0.149157	21,629	3,226	20,016	96,326	4.5
90-91	0.163887	18,403	3,016	16,895	76,310	4.1
91-92	0.179568	15,387	2,763	14,005	59,415	3.9
92-93	0.196163	12,624	2,476	11,386	45,410	3.6
93-94	0.213620	10,148	2,168	9,064	34,024	3.4
94-95	0.231864	7,980	1,850	7,055	24,960	3.1
95-96	0.250805	6,130	1,537	5,361	17,906	2.9
96-97	0.270330	4,592	1,241	3,972	12,545	2.7
97-98	0.290314	3,351	973	2,864	8,573	2.6
98-99	0.310618	2,378	739	2,009	5,709	2.4
99-100	0.331092	1,639	543	1,368	3,700	2.3
100 and over	1.000000	1,097	1,097	2,332	2,332	2.1

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

Table IL-3. Life table for females: Illinois, 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	0.005236	100,000	524	99,529	8,149,118	81.5
1-2	0.000275	99,476	27	99,463	8,049,589	80.9
2-3	0.000178	99,449	18	99,440	7,950,126	79.9
3-4	0.000164	99,431	16	99,423	7,850,686	79.0
4-5	0.000204	99,415	20	99,405	7,751,263	78.0
5-6	0.000107	99,395	11	99,390	7,651,858	77.0
6-7	0.000087	99,384	9	99,380	7,552,468	76.0
7-8	0.000074	99,376	7	99,372	7,453,088	75.0
8-9	0.000067	99,368	7	99,365	7,353,716	74.0
9-10	0.000066	99,362	7	99,358	7,254,351	73.0
10-11	0.000070	99,355	7	99,352	7,154,993	72.0
11-12	0.000081	99,348	8	99,344	7,055,641	71.0
12-13	0.000100	99,340	10	99,335	6,956,297	70.0
13-14	0.000128	99,330	13	99,324	6,856,962	69.0
14-15	0.000162	99,317	16	99,309	6,757,638	68.0
15-16	0.000202	99,301	20	99,291	6,658,329	67.1
16-17	0.000243	99,281	24	99,269	6,559,038	66.1
17-18	0.000278	99,257	28	99,243	6,459,769	65.1
18-19	0.000305	99,230	30	99,214	6,360,525	64.1
19-20	0.000327	99,199	32	99,183	6,261,311	63.1
20-21	0.000347	99,167	34	99,150	6,162,128	62.1
21-22	0.000371	99,133	37	99,114	6,062,978	61.2
22-23	0.000403	99,096	40	99,076	5,963,864	60.2
23-24	0.000442	99,056	44	99,034	5,864,788	59.2
24-25	0.000486	99,012	48	98,988	5,765,754	58.2
25-26	0.000532	98,964	53	98,938	5,666,766	57.3
26-27	0.000575	98,911	57	98,883	5,567,829	56.3
27-28	0.000612	98,854	61	98,824	5,468,946	55.3
28-29	0.000645	98,794	64	98,762	5,370,122	54.4
29-30	0.000675	98,730	67	98,697	5,271,360	53.4
30-31	0.000705	98,664	70	98,629	5,172,663	52.4
31-32	0.000740	98,594	73	98,557	5,074,035	51.5
32-33	0.000776	98,521	76	98,483	4,975,477	50.5
33-34	0.000840	98,445	83	98,403	4,876,994	49.5
34-35	0.000903	98,362	89	98,317	4,778,591	48.6
35-36	0.000975	98,273	96	98,225	4,680,274	47.6
36-37	0.001048	98,177	103	98,126	4,582,049	46.7
37-38	0.001109	98,074	109	98,020	4,483,923	45.7
38-39	0.001155	97,965	113	97,909	4,385,903	44.8
39-40	0.001195	97,852	117	97,794	4,287,994	43.8
40-41	0.001237	97,735	121	97,675	4,190,200	42.9
41-42	0.001298	97,615	127	97,551	4,092,525	41.9
42-43	0.001395	97,488	136	97,420	3,994,974	41.0
43-44	0.001534	97,352	149	97,277	3,897,554	40.0
44-45	0.001704	97,202	166	97,120	3,800,277	39.1
45-46	0.001899	97,037	184	96,945	3,703,158	38.2
46-47	0.002098	96,853	203	96,751	3,606,213	37.2
47-48	0.002280	96,649	220	96,539	3,509,462	36.3
48-49	0.002440	96,429	235	96,311	3,412,923	35.4
49-50	0.002596	96,194	250	96,069	3,316,611	34.5
50-51	0.002753	95,944	264	95,812	3,220,543	33.6
51-52	0.002951	95,680	282	95,539	3,124,731	32.7
52-53	0.003231	95,397	308	95,243	3,029,192	31.8

Table IL-3. Life table for females: Illinois, 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	0.003606	95,089	343	94,918	2,933,949	30.9
54-55	0.004038	94,746	383	94,555	2,839,031	30.0
55-56	0.004488	94,364	424	94,152	2,744,476	29.1
56-57	0.004921	93,940	462	93,709	2,650,324	28.2
57-58	0.005327	93,478	498	93,229	2,556,615	27.3
58-59	0.005703	92,980	530	92,715	2,463,386	26.5
59-60	0.006074	92,450	562	92,169	2,370,671	25.6
60-61	0.006461	91,888	594	91,591	2,278,502	24.8
61-62	0.006893	91,294	629	90,980	2,186,911	24.0
62-63	0.007401	90,665	671	90,330	2,095,931	23.1
63-64	0.008015	89,994	721	89,634	2,005,601	22.3
64-65	0.008737	89,273	780	88,883	1,915,968	21.5
65-66	0.009553	88,493	845	88,070	1,827,085	20.6
66-67	0.010512	87,648	921	87,187	1,739,015	19.8
67-68	0.011528	86,726	1,000	86,226	1,651,828	19.0
68-69	0.012591	85,726	1,079	85,187	1,565,602	18.3
69-70	0.013726	84,647	1,162	84,066	1,480,415	17.5
70-71	0.014997	83,485	1,252	82,859	1,396,349	16.7
71-72	0.016436	82,233	1,352	81,557	1,313,490	16.0
72-73	0.018036	80,882	1,459	80,152	1,231,932	15.2
73-74	0.019824	79,423	1,574	78,635	1,151,780	14.5
74-75	0.021847	77,848	1,701	76,998	1,073,145	13.8
75-76	0.024084	76,148	1,834	75,231	996,147	13.1
76-77	0.026592	74,314	1,976	73,326	920,916	12.4
77-78	0.029522	72,337	2,136	71,270	847,591	11.7
78-79	0.032981	70,202	2,315	69,044	776,321	11.1
79-80	0.036989	67,887	2,511	66,631	707,277	10.4
80-81	0.041404	65,375	2,707	64,022	640,646	9.8
81-82	0.046183	62,669	2,894	61,222	576,624	9.2
82-83	0.051522	59,774	3,080	58,235	515,402	8.6
83-84	0.057695	56,695	3,271	55,059	457,168	8.1
84-85	0.064962	53,424	3,471	51,688	402,109	7.5
85-86	0.074316	49,953	3,712	48,097	350,420	7.0
86-87	0.083331	46,241	3,853	44,314	302,323	6.5
87-88	0.093268	42,388	3,953	40,411	258,009	6.1
88-89	0.104178	38,434	4,004	36,432	217,598	5.7
89-90	0.116106	34,430	3,998	32,431	181,166	5.3
90-91	0.129086	30,433	3,928	28,468	148,734	4.9
91-92	0.143140	26,504	3,794	24,607	120,266	4.5
92-93	0.158274	22,710	3,594	20,913	95,659	4.2
93-94	0.174475	19,116	3,335	17,448	74,746	3.9
94-95	0.191708	15,781	3,025	14,268	57,297	3.6
95-96	0.209918	12,755	2,678	11,417	43,029	3.4
96-97	0.229023	10,078	2,308	8,924	31,613	3.1
97-98	0.248920	7,770	1,934	6,803	22,689	2.9
98-99	0.269481	5,836	1,573	5,049	15,886	2.7
99-100	0.290558	4,263	1,239	3,644	10,837	2.5
100 and over	1.000000	3,024	3,024	7,193	7,193	2.4

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