

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2022):  
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Table IL-2. Life table for males: Illinois, 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	0.006049	100,000	605	99,471	7,384,994	73.8
1-2	0.000299	99,395	30	99,380	7,285,523	73.3
2-3	0.000175	99,365	17	99,357	7,186,143	72.3
3-4	0.000240	99,348	24	99,336	7,086,786	71.3
4-5	0.000158	99,324	16	99,316	6,987,450	70.3
5-6	0.000137	99,308	14	99,302	6,888,133	69.4
6-7	0.000131	99,295	13	99,288	6,788,832	68.4
7-8	0.000121	99,282	12	99,276	6,689,543	67.4
8-9	0.000101	99,270	10	99,265	6,590,268	66.4
9-10	0.000076	99,260	8	99,256	6,491,003	65.4
10-11	0.000056	99,252	6	99,250	6,391,747	64.4
11-12	0.000061	99,247	6	99,244	6,292,497	63.4
12-13	0.000116	99,241	12	99,235	6,193,253	62.4
13-14	0.000232	99,229	23	99,218	6,094,018	61.4
14-15	0.000393	99,206	39	99,187	5,994,801	60.4
15-16	0.000573	99,167	57	99,139	5,895,614	59.5
16-17	0.000748	99,110	74	99,073	5,796,475	58.5
17-18	0.000918	99,036	91	98,991	5,697,402	57.5
18-19	0.001073	98,945	106	98,892	5,598,412	56.6
19-20	0.001221	98,839	121	98,779	5,499,519	55.6
20-21	0.001367	98,718	135	98,651	5,400,741	54.7
21-22	0.001518	98,583	150	98,509	5,302,090	53.8
22-23	0.001666	98,434	164	98,352	5,203,581	52.9
23-24	0.001804	98,270	177	98,181	5,105,229	52.0
24-25	0.001927	98,093	189	97,998	5,007,048	51.0
25-26	0.002046	97,904	200	97,803	4,909,050	50.1
26-27	0.002150	97,703	210	97,598	4,811,247	49.2
27-28	0.002219	97,493	216	97,385	4,713,649	48.3
28-29	0.002249	97,277	219	97,167	4,616,264	47.5
29-30	0.002252	97,058	219	96,949	4,519,096	46.6
30-31	0.002245	96,839	217	96,731	4,422,147	45.7
31-32	0.002247	96,622	217	96,513	4,325,417	44.8
32-33	0.002245	96,405	216	96,297	4,228,903	43.9
33-34	0.002321	96,188	223	96,077	4,132,606	43.0

Table IL-2. Life table for males: Illinois, 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	0.002398	95,965	230	95,850	4,036,529	42.1
35-36	0.002488	95,735	238	95,616	3,940,679	41.2
36-37	0.002583	95,497	247	95,374	3,845,063	40.3
37-38	0.002688	95,250	256	95,122	3,749,690	39.4
38-39	0.002803	94,994	266	94,861	3,654,568	38.5
39-40	0.002931	94,728	278	94,589	3,559,707	37.6
40-41	0.003080	94,450	291	94,305	3,465,118	36.7
41-42	0.003254	94,159	306	94,006	3,370,813	35.8
42-43	0.003454	93,853	324	93,691	3,276,807	34.9
43-44	0.003680	93,529	344	93,357	3,183,116	34.0
44-45	0.003934	93,184	367	93,001	3,089,760	33.2
45-46	0.004226	92,818	392	92,622	2,996,759	32.3
46-47	0.004550	92,426	421	92,215	2,904,137	31.4
47-48	0.004883	92,005	449	91,780	2,811,922	30.6
48-49	0.005215	91,556	477	91,317	2,720,141	29.7
49-50	0.005562	91,078	507	90,825	2,628,824	28.9
50-51	0.005939	90,572	538	90,303	2,537,999	28.0
51-52	0.006374	90,034	574	89,747	2,447,696	27.2
52-53	0.006884	89,460	616	89,152	2,357,949	26.4
53-54	0.007477	88,844	664	88,512	2,268,797	25.5
54-55	0.008137	88,180	718	87,821	2,180,285	24.7
55-56	0.008789	87,462	769	87,078	2,092,464	23.9
56-57	0.009472	86,694	821	86,283	2,005,386	23.1
57-58	0.010302	85,872	885	85,430	1,919,103	22.3
58-59	0.011330	84,988	963	84,506	1,833,673	21.6
59-60	0.012511	84,025	1,051	83,499	1,749,167	20.8
60-61	0.013791	82,974	1,144	82,402	1,665,668	20.1
61-62	0.015059	81,829	1,232	81,213	1,583,266	19.3
62-63	0.016259	80,597	1,310	79,942	1,502,053	18.6
63-64	0.017353	79,287	1,376	78,599	1,422,111	17.9
64-65	0.018408	77,911	1,434	77,194	1,343,512	17.2
65-66	0.019531	76,477	1,494	75,730	1,266,319	16.6
66-67	0.021030	74,983	1,577	74,195	1,190,589	15.9
67-68	0.022535	73,406	1,654	72,579	1,116,394	15.2

Table IL-2. Life table for males: Illinois, 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	0.024117	71,752	1,730	70,887	1,043,815	14.5
69-70	0.025808	70,021	1,807	69,118	972,929	13.9
70-71	0.027629	68,214	1,885	67,272	903,811	13.2
71-72	0.029659	66,330	1,967	65,346	836,539	12.6
72-73	0.032008	64,362	2,060	63,332	771,193	12.0
73-74	0.034771	62,302	2,166	61,219	707,861	11.4
74-75	0.038042	60,136	2,288	58,992	646,642	10.8
75-76	0.041805	57,848	2,418	56,639	587,650	10.2
76-77	0.046044	55,430	2,552	54,154	531,011	9.6
77-78	0.050895	52,878	2,691	51,532	476,857	9.0
78-79	0.056408	50,186	2,831	48,771	425,325	8.5
79-80	0.062561	47,355	2,963	45,874	376,554	8.0
80-81	0.069311	44,393	3,077	42,854	330,680	7.4
81-82	0.076719	41,316	3,170	39,731	287,825	7.0
82-83	0.084936	38,146	3,240	36,526	248,094	6.5
83-84	0.094118	34,906	3,285	33,264	211,568	6.1
84-85	0.104828	31,621	3,315	29,964	178,304	5.6
85-86	0.116810	28,306	3,306	26,653	148,341	5.2
86-87	0.129845	25,000	3,246	23,377	121,688	4.9
87-88	0.143954	21,754	3,132	20,188	98,311	4.5
88-89	0.159141	18,622	2,964	17,140	78,123	4.2
89-90	0.175393	15,659	2,746	14,285	60,983	3.9
90-91	0.192675	12,912	2,488	11,668	46,697	3.6
91-92	0.210928	10,424	2,199	9,325	35,029	3.4
92-93	0.230071	8,226	1,892	7,279	25,704	3.1
93-94	0.249998	6,333	1,583	5,541	18,425	2.9
94-95	0.270582	4,750	1,285	4,107	12,884	2.7
95-96	0.291674	3,465	1,011	2,959	8,776	2.5
96-97	0.313111	2,454	768	2,070	5,817	2.4
97-98	0.334717	1,686	564	1,404	3,747	2.2
98-99	0.356311	1,121	400	922	2,344	2.1
99-100	0.377713	722	273	586	1,422	2.0
100 and over	1.000000	449	449	836	836	1.9

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

Table IL-3. Life table for females: Illinois, 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	0.004926	100,000	493	99,547	7,975,866	79.8
1-2	0.000298	99,507	30	99,493	7,876,319	79.2
2-3	0.000252	99,478	25	99,465	7,776,827	78.2
3-4	0.000167	99,453	17	99,444	7,677,361	77.2
4-5	0.000124	99,436	12	99,430	7,577,917	76.2
5-6	0.000128	99,424	13	99,417	7,478,487	75.2
6-7	0.000113	99,411	11	99,405	7,379,070	74.2
7-8	0.000103	99,400	10	99,395	7,279,664	73.2
8-9	0.000097	99,389	10	99,385	7,180,270	72.2
9-10	0.000096	99,380	10	99,375	7,080,885	71.3
10-11	0.000099	99,370	10	99,365	6,981,510	70.3
11-12	0.000109	99,360	11	99,355	6,882,145	69.3
12-13	0.000127	99,350	13	99,343	6,782,790	68.3
13-14	0.000154	99,337	15	99,329	6,683,446	67.3
14-15	0.000189	99,322	19	99,312	6,584,117	66.3
15-16	0.000227	99,303	23	99,292	6,484,805	65.3
16-17	0.000268	99,280	27	99,267	6,385,513	64.3
17-18	0.000315	99,254	31	99,238	6,286,246	63.3
18-19	0.000367	99,223	36	99,204	6,187,007	62.4
19-20	0.000423	99,186	42	99,165	6,087,803	61.4
20-21	0.000485	99,144	48	99,120	5,988,638	60.4
21-22	0.000544	99,096	54	99,069	5,889,517	59.4
22-23	0.000591	99,042	59	99,013	5,790,448	58.5
23-24	0.000619	98,984	61	98,953	5,691,435	57.5
24-25	0.000633	98,923	63	98,891	5,592,482	56.5
25-26	0.000644	98,860	64	98,828	5,493,591	55.6
26-27	0.000661	98,796	65	98,764	5,394,763	54.6
27-28	0.000684	98,731	68	98,697	5,295,999	53.6
28-29	0.000717	98,663	71	98,628	5,197,302	52.7
29-30	0.000759	98,593	75	98,555	5,098,674	51.7
30-31	0.000805	98,518	79	98,478	5,000,119	50.8
31-32	0.000853	98,439	84	98,397	4,901,640	49.8
32-33	0.000905	98,355	89	98,310	4,803,244	48.8
33-34	0.000990	98,266	97	98,217	4,704,934	47.9

Table IL-3. Life table for females: Illinois, 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	0.001076	98,168	106	98,115	4,606,717	46.9
35-36	0.001173	98,063	115	98,005	4,508,601	46.0
36-37	0.001270	97,948	124	97,885	4,410,596	45.0
37-38	0.001353	97,823	132	97,757	4,312,711	44.1
38-39	0.001416	97,691	138	97,622	4,214,954	43.1
39-40	0.001470	97,553	143	97,481	4,117,332	42.2
40-41	0.001528	97,409	149	97,335	4,019,851	41.3
41-42	0.001606	97,260	156	97,182	3,922,516	40.3
42-43	0.001704	97,104	165	97,021	3,825,334	39.4
43-44	0.001828	96,939	177	96,850	3,728,312	38.5
44-45	0.001976	96,762	191	96,666	3,631,462	37.5
45-46	0.002145	96,570	207	96,467	3,534,796	36.6
46-47	0.002332	96,363	225	96,251	3,438,330	35.7
47-48	0.002537	96,138	244	96,016	3,342,079	34.8
48-49	0.002759	95,894	265	95,762	3,246,063	33.9
49-50	0.003003	95,630	287	95,486	3,150,300	32.9
50-51	0.003277	95,343	312	95,186	3,054,814	32.0
51-52	0.003581	95,030	340	94,860	2,959,628	31.1
52-53	0.003903	94,690	370	94,505	2,864,768	30.3
53-54	0.004238	94,320	400	94,121	2,770,262	29.4
54-55	0.004587	93,921	431	93,705	2,676,142	28.5
55-56	0.004925	93,490	460	93,260	2,582,437	27.6
56-57	0.005297	93,029	493	92,783	2,489,177	26.8
57-58	0.005781	92,537	535	92,269	2,396,394	25.9
58-59	0.006414	92,002	590	91,707	2,304,125	25.0
59-60	0.007160	91,412	655	91,084	2,212,418	24.2
60-61	0.007987	90,757	725	90,395	2,121,334	23.4
61-62	0.008803	90,032	793	89,636	2,030,939	22.6
62-63	0.009550	89,240	852	88,814	1,941,304	21.8
63-64	0.010193	88,387	901	87,937	1,852,490	21.0
64-65	0.010791	87,486	944	87,014	1,764,553	20.2
65-66	0.011409	86,542	987	86,049	1,677,539	19.4
66-67	0.012278	85,555	1,050	85,030	1,591,490	18.6
67-68	0.013310	84,505	1,125	83,942	1,506,460	17.8

Table IL-3. Life table for females: Illinois, 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	0.014584	83,380	1,216	82,772	1,422,518	17.1
69-70	0.016063	82,164	1,320	81,504	1,339,746	16.3
70-71	0.017709	80,844	1,432	80,128	1,258,243	15.6
71-72	0.019491	79,412	1,548	78,638	1,178,115	14.8
72-73	0.021406	77,864	1,667	77,031	1,099,476	14.1
73-74	0.023463	76,198	1,788	75,304	1,022,445	13.4
74-75	0.025746	74,410	1,916	73,452	947,141	12.7
75-76	0.028353	72,494	2,055	71,466	873,689	12.1
76-77	0.031395	70,439	2,211	69,333	802,223	11.4
77-78	0.034942	68,227	2,384	67,035	732,890	10.7
78-79	0.039042	65,843	2,571	64,558	665,855	10.1
79-80	0.043718	63,273	2,766	61,890	601,297	9.5
80-81	0.048947	60,506	2,962	59,026	539,407	8.9
81-82	0.054732	57,545	3,150	55,970	480,382	8.3
82-83	0.061154	54,395	3,326	52,732	424,412	7.8
83-84	0.068403	51,069	3,493	49,322	371,679	7.3
84-85	0.075334	47,576	3,584	45,784	322,357	6.8
85-86	0.085250	43,992	3,750	42,116	276,574	6.3
86-87	0.096259	40,241	3,874	38,304	234,457	5.8
87-88	0.108425	36,368	3,943	34,396	196,153	5.4
88-89	0.121800	32,424	3,949	30,450	161,757	5.0
89-90	0.136422	28,475	3,885	26,533	131,307	4.6
90-91	0.152309	24,591	3,745	22,718	104,774	4.3
91-92	0.169454	20,845	3,532	19,079	82,056	3.9
92-93	0.187824	17,313	3,252	15,687	62,977	3.6
93-94	0.207356	14,061	2,916	12,603	47,290	3.4
94-95	0.227951	11,145	2,541	9,875	34,687	3.1
95-96	0.249482	8,605	2,147	7,531	24,812	2.9
96-97	0.271785	6,458	1,755	5,580	17,281	2.7
97-98	0.294675	4,703	1,386	4,010	11,700	2.5
98-99	0.317940	3,317	1,055	2,790	7,690	2.3
99-100	0.341356	2,262	772	1,876	4,900	2.2
100 and over	1.000000	1,490	1,490	3,024	3,024	2.0

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