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Table IL--2. Life table for males: Illinois, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007259	100,000	726	99,368	7,622,719	76.2
1-2	0.000322	99,274	32	99,258	7,523,351	75.8
2-3	0.000218	99,242	22	99,231	7,424,093	74.8
3-4	0.000179	99,220	18	99,212	7,324,861	73.8
4-5	0.000115	99,203	11	99,197	7,225,650	72.8
5-6	0.000136	99,191	13	99,185	7,126,453	71.8
6-7	0.000127	99,178	13	99,171	7,027,268	70.9
7-8	0.000120	99,165	12	99,159	6,928,097	69.9
8-9	0.000113	99,153	11	99,148	6,828,938	68.9
9-10	0.000108	99,142	11	99,137	6,729,790	67.9
10-11	0.000108	99,131	11	99,126	6,630,653	66.9
11-12	0.000124	99,121	12	99,114	6,531,527	65.9
12-13	0.000162	99,108	16	99,100	6,432,413	64.9
13-14	0.000229	99,092	23	99,081	6,333,313	63.9
14-15	0.000320	99,070	32	99,054	6,234,232	62.9
15-16	0.000419	99,038	41	99,017	6,135,178	61.9
16-17	0.000523	98,996	52	98,971	6,036,161	61.0
17-18	0.000645	98,945	64	98,913	5,937,190	60.0
18-19	0.000788	98,881	78	98,842	5,838,277	59.0
19-20	0.000943	98,803	93	98,756	5,739,436	58.1
20-21	0.001104	98,710	109	98,655	5,640,679	57.1
21-22	0.001258	98,601	124	98,539	5,542,024	56.2
22-23	0.001393	98,477	137	98,408	5,443,485	55.3
23-24	0.001496	98,340	147	98,266	5,345,077	54.4
24-25	0.001572	98,192	154	98,115	5,246,811	53.4
25-26	0.001641	98,038	161	97,958	5,148,696	52.5
26-27	0.001704	97,877	167	97,794	5,050,738	51.6
27-28	0.001747	97,710	171	97,625	4,952,944	50.7
28-29	0.001771	97,540	173	97,453	4,855,319	49.8
29-30	0.001781	97,367	173	97,280	4,757,866	48.9
30-31	0.001785	97,194	173	97,107	4,660,585	48.0
31-32	0.001792	97,020	174	96,933	4,563,478	47.0
32-33	0.001791	96,846	173	96,760	4,466,545	46.1
33-34	0.001835	96,673	177	96,584	4,369,786	45.2
34-35	0.001875	96,496	181	96,405	4,273,202	44.3
35-36	0.001923	96,315	185	96,222	4,176,796	43.4
36-37	0.001977	96,129	190	96,034	4,080,574	42.4
37-38	0.002041	95,939	196	95,841	3,984,540	41.5
38-39	0.002117	95,744	203	95,642	3,888,698	40.6
39-40	0.002211	95,541	211	95,435	3,793,056	39.7
40-41	0.002327	95,330	222	95,219	3,697,621	38.8
41-42	0.002467	95,108	235	94,991	3,602,402	37.9
42-43	0.002629	94,873	249	94,749	3,507,412	37.0
43-44	0.002806	94,624	265	94,491	3,412,663	36.1
44-45	0.002996	94,358	283	94,217	3,318,172	35.2

Table IL--2. Life table for males: Illinois, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.003211	94,076	302	93,925	3,223,955	34.3
46-47	0.003453	93,774	324	93,612	3,130,031	33.4
47-48	0.003712	93,450	347	93,276	3,036,419	32.5
48-49	0.003995	93,103	372	92,917	2,943,143	31.6
49-50	0.004315	92,731	400	92,531	2,850,226	30.7
50-51	0.004655	92,331	430	92,116	2,757,695	29.9
51-52	0.005044	91,901	464	91,669	2,665,579	29.0
52-53	0.005534	91,437	506	91,184	2,573,910	28.1
53-54	0.006133	90,931	558	90,652	2,482,726	27.3
54-55	0.006799	90,374	614	90,066	2,392,074	26.5
55-56	0.007467	89,759	670	89,424	2,302,007	25.6
56-57	0.008129	89,089	724	88,727	2,212,583	24.8
57-58	0.008831	88,365	780	87,975	2,123,856	24.0
58-59	0.009600	87,584	841	87,164	2,035,882	23.2
59-60	0.010436	86,744	905	86,291	1,948,718	22.5
60-61	0.011348	85,838	974	85,351	1,862,427	21.7
61-62	0.012284	84,864	1,042	84,343	1,777,076	20.9
62-63	0.013193	83,822	1,106	83,269	1,692,733	20.2
63-64	0.014044	82,716	1,162	82,135	1,609,464	19.5
64-65	0.014874	81,554	1,213	80,948	1,527,329	18.7
65-66	0.015763	80,341	1,266	79,708	1,446,381	18.0
66-67	0.016952	79,075	1,340	78,405	1,366,673	17.3
67-68	0.018173	77,734	1,413	77,028	1,288,269	16.6
68-69	0.019502	76,322	1,488	75,577	1,211,241	15.9
69-70	0.020979	74,833	1,570	74,048	1,135,663	15.2
70-71	0.022615	73,263	1,657	72,435	1,061,615	14.5
71-72	0.024476	71,606	1,753	70,730	989,180	13.8
72-73	0.026640	69,854	1,861	68,923	918,450	13.1
73-74	0.029159	67,993	1,983	67,002	849,527	12.5
74-75	0.032039	66,010	2,115	64,953	782,525	11.9
75-76	0.035238	63,895	2,252	62,770	717,572	11.2
76-77	0.038734	61,644	2,388	60,450	654,803	10.6
77-78	0.042623	59,256	2,526	57,993	594,353	10.0
78-79	0.047044	56,730	2,669	55,396	536,359	9.5
79-80	0.052039	54,062	2,813	52,655	480,963	8.9
80-81	0.057467	51,248	2,945	49,776	428,308	8.4
81-82	0.063365	48,303	3,061	46,773	378,532	7.8
82-83	0.069992	45,243	3,167	43,659	331,759	7.3
83-84	0.077520	42,076	3,262	40,445	288,100	6.8
84-85	0.086214	38,814	3,346	37,141	247,655	6.4
85-86	0.096386	35,468	3,419	33,759	210,514	5.9
86-87	0.106922	32,049	3,427	30,336	176,755	5.5
87-88	0.118465	28,623	3,391	26,927	146,419	5.1
88-89	0.129848	25,232	3,276	23,594	119,492	4.7
89-90	0.145698	21,955	3,199	20,356	95,899	4.4

Table IL-2. Life table for males: Illinois, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.162897	18,757	3,055	17,229	75,543	4.0
91-92	0.181418	15,701	2,848	14,277	58,314	3.7
92-93	0.201204	12,853	2,586	11,560	44,037	3.4
93-94	0.222160	10,267	2,281	9,126	32,477	3.2
94-95	0.244154	7,986	1,950	7,011	23,351	2.9
95-96	0.267017	6,036	1,612	5,230	16,340	2.7
96-97	0.290549	4,424	1,285	3,782	11,109	2.5
97-98	0.314523	3,139	987	2,645	7,328	2.3
98-99	0.338693	2,152	729	1,787	4,683	2.2
99-100	0.362808	1,423	516	1,165	2,895	2.0
100 and over	1.000000	907	907	1,731	1,731	1.9

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

Table IL-3. Life table for females: Illinois, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005665	100,000	566	99,500	8,126,719	81.3
1-2	0.000364	99,434	36	99,415	8,027,219	80.7
2-3	0.000161	99,397	16	99,389	7,927,803	79.8
3-4	0.000161	99,381	16	99,373	7,828,414	78.8
4-5	0.000120	99,365	12	99,359	7,729,041	77.8
5-6	0.000099	99,353	10	99,348	7,629,681	76.8
6-7	0.000085	99,344	8	99,339	7,530,333	75.8
7-8	0.000079	99,335	8	99,331	7,430,994	74.8
8-9	0.000085	99,327	8	99,323	7,331,662	73.8
9-10	0.000099	99,319	10	99,314	7,232,339	72.8
10-11	0.000119	99,309	12	99,303	7,133,025	71.8
11-12	0.000141	99,297	14	99,290	7,033,722	70.8
12-13	0.000159	99,283	16	99,275	6,934,432	69.8
13-14	0.000171	99,267	17	99,259	6,835,157	68.9
14-15	0.000180	99,250	18	99,241	6,735,898	67.9
15-16	0.000188	99,232	19	99,223	6,636,657	66.9
16-17	0.000202	99,214	20	99,204	6,537,434	65.9
17-18	0.000230	99,194	23	99,182	6,438,230	64.9
18-19	0.000277	99,171	27	99,157	6,339,047	63.9
19-20	0.000337	99,144	33	99,127	6,239,890	62.9
20-21	0.000402	99,110	40	99,090	6,140,763	62.0
21-22	0.000463	99,070	46	99,047	6,041,673	61.0
22-23	0.000511	99,024	51	98,999	5,942,626	60.0
23-24	0.000538	98,974	53	98,947	5,843,627	59.0
24-25	0.000551	98,921	55	98,893	5,744,679	58.1
25-26	0.000562	98,866	56	98,838	5,645,786	57.1
26-27	0.000577	98,811	57	98,782	5,546,948	56.1
27-28	0.000597	98,753	59	98,724	5,448,166	55.2
28-29	0.000624	98,695	62	98,664	5,349,442	54.2
29-30	0.000659	98,633	65	98,601	5,250,778	53.2
30-31	0.000695	98,568	68	98,534	5,152,178	52.3
31-32	0.000733	98,500	72	98,463	5,053,644	51.3
32-33	0.000774	98,427	76	98,389	4,955,180	50.3
33-34	0.000840	98,351	83	98,310	4,856,791	49.4
34-35	0.000906	98,268	89	98,224	4,758,482	48.4
35-36	0.000980	98,179	96	98,131	4,660,258	47.5
36-37	0.001053	98,083	103	98,032	4,562,126	46.5
37-38	0.001114	97,980	109	97,925	4,464,095	45.6
38-39	0.001160	97,871	114	97,814	4,366,169	44.6
39-40	0.001198	97,757	117	97,699	4,268,355	43.7
40-41	0.001243	97,640	121	97,579	4,170,656	42.7
41-42	0.001307	97,519	127	97,455	4,073,077	41.8
42-43	0.001386	97,391	135	97,324	3,975,622	40.8
43-44	0.001484	97,256	144	97,184	3,878,298	39.9
44-45	0.001596	97,112	155	97,035	3,781,114	38.9

Table IL-3. Life table for females: Illinois, 2018

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.001725	96,957	167	96,873	3,684,079	38.0
46-47	0.001872	96,790	181	96,699	3,587,206	37.1
47-48	0.002033	96,609	196	96,510	3,490,507	36.1
48-49	0.002214	96,412	213	96,305	3,393,997	35.2
49-50	0.002423	96,199	233	96,082	3,297,691	34.3
50-51	0.002642	95,966	254	95,839	3,201,609	33.4
51-52	0.002896	95,712	277	95,573	3,105,770	32.4
52-53	0.003235	95,435	309	95,281	3,010,197	31.5
53-54	0.003668	95,126	349	94,952	2,914,916	30.6
54-55	0.004154	94,777	394	94,581	2,819,964	29.8
55-56	0.004653	94,384	439	94,164	2,725,384	28.9
56-57	0.005131	93,945	482	93,703	2,631,220	28.0
57-58	0.005582	93,462	522	93,202	2,537,516	27.2
58-59	0.006004	92,941	558	92,662	2,444,315	26.3
59-60	0.006419	92,383	593	92,086	2,351,653	25.5
60-61	0.006864	91,790	630	91,475	2,259,567	24.6
61-62	0.007343	91,160	669	90,825	2,168,092	23.8
62-63	0.007835	90,490	709	90,136	2,077,267	23.0
63-64	0.008341	89,781	749	89,407	1,987,131	22.1
64-65	0.008882	89,032	791	88,637	1,897,724	21.3
65-66	0.009478	88,242	836	87,823	1,809,087	20.5
66-67	0.010239	87,405	895	86,958	1,721,264	19.7
67-68	0.011109	86,510	961	86,030	1,634,306	18.9
68-69	0.012130	85,549	1,038	85,030	1,548,276	18.1
69-70	0.013313	84,512	1,125	83,949	1,463,245	17.3
70-71	0.014651	83,386	1,222	82,776	1,379,296	16.5
71-72	0.016189	82,165	1,330	81,500	1,296,521	15.8
72-73	0.017991	80,835	1,454	80,107	1,215,021	15.0
73-74	0.020073	79,380	1,593	78,584	1,134,914	14.3
74-75	0.022413	77,787	1,743	76,915	1,056,330	13.6
75-76	0.024964	76,043	1,898	75,094	979,415	12.9
76-77	0.027738	74,145	2,057	73,117	904,321	12.2
77-78	0.030845	72,088	2,224	70,977	831,204	11.5
78-79	0.034409	69,865	2,404	68,663	760,227	10.9
79-80	0.038452	67,461	2,594	66,164	691,565	10.3
80-81	0.042868	64,867	2,781	63,476	625,401	9.6
81-82	0.047713	62,086	2,962	60,605	561,924	9.1
82-83	0.053166	59,124	3,143	57,552	501,319	8.5
83-84	0.059454	55,980	3,328	54,316	443,767	7.9
84-85	0.066820	52,652	3,518	50,893	389,451	7.4
85-86	0.075616	49,134	3,715	47,276	338,558	6.9
86-87	0.084196	45,419	3,824	43,507	291,281	6.4
87-88	0.094659	41,595	3,937	39,626	247,775	6.0
88-89	0.106184	37,657	3,999	35,658	208,149	5.5
89-90	0.118821	33,659	3,999	31,659	172,491	5.1

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	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.132606	29,659	3,933	27,693	140,832	4.7
91-92	0.147560	25,726	3,796	23,828	113,139	4.4
92-93	0.163683	21,930	3,590	20,135	89,311	4.1
93-94	0.180954	18,341	3,319	16,681	69,175	3.8
94-95	0.199325	15,022	2,994	13,525	52,494	3.5
95-96	0.218721	12,028	2,631	10,712	38,970	3.2
96-97	0.239040	9,397	2,246	8,274	28,257	3.0
97-98	0.260149	7,151	1,860	6,221	19,984	2.8
98-99	0.281894	5,290	1,491	4,545	13,763	2.6
99-100	0.304097	3,799	1,155	3,221	9,218	2.4
100 and over	1.000000	2,644	2,644	5,997	5,997	2.3

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