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Table IL-2. Life table for males: Illinois, 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	0.006130	100,000	613	99,461	7,423,797	74.2
1-2	0.000324	99,387	32	99,371	7,324,336	73.7
2-3	0.000152	99,355	15	99,347	7,224,965	72.7
3-4	0.000232	99,340	23	99,328	7,125,618	71.7
4-5	0.000121	99,317	12	99,311	7,026,290	70.7
5-6	0.000134	99,305	13	99,298	6,926,979	69.8
6-7	0.000138	99,291	14	99,284	6,827,681	68.8
7-8	0.000135	99,278	13	99,271	6,728,397	67.8
8-9	0.000118	99,264	12	99,258	6,629,126	66.8
9-10	0.000089	99,252	9	99,248	6,529,868	65.8
10-11	0.000065	99,244	6	99,240	6,430,620	64.8
11-12	0.000067	99,237	7	99,234	6,331,380	63.8
12-13	0.000124	99,230	12	99,224	6,232,146	62.8
13-14	0.000250	99,218	25	99,206	6,132,921	61.8
14-15	0.000426	99,193	42	99,172	6,033,716	60.8
15-16	0.000625	99,151	62	99,120	5,934,543	59.9
16-17	0.000816	99,089	81	99,049	5,835,423	58.9
17-18	0.000987	99,008	98	98,959	5,736,375	57.9
18-19	0.001127	98,911	112	98,855	5,637,415	57.0
19-20	0.001247	98,799	123	98,737	5,538,561	56.1
20-21	0.001362	98,676	134	98,609	5,439,823	55.1
21-22	0.001491	98,541	147	98,468	5,341,214	54.2
22-23	0.001634	98,395	161	98,314	5,242,747	53.3
23-24	0.001792	98,234	176	98,146	5,144,432	52.4
24-25	0.001955	98,058	192	97,962	5,046,287	51.5
25-26	0.002120	97,866	207	97,762	4,948,325	50.6
26-27	0.002266	97,659	221	97,548	4,850,563	49.7
27-28	0.002370	97,437	231	97,322	4,753,015	48.8
28-29	0.002420	97,206	235	97,089	4,655,693	47.9
29-30	0.002433	96,971	236	96,853	4,558,604	47.0
30-31	0.002429	96,735	235	96,618	4,461,751	46.1
31-32	0.002435	96,500	235	96,383	4,365,133	45.2
32-33	0.002455	96,265	236	96,147	4,268,750	44.3
33-34	0.002541	96,029	244	95,907	4,172,603	43.5
34-35	0.002644	95,785	253	95,658	4,076,696	42.6
35-36	0.002766	95,532	264	95,400	3,981,037	41.7
36-37	0.002882	95,268	275	95,130	3,885,638	40.8
37-38	0.002972	94,993	282	94,852	3,790,507	39.9
38-39	0.003023	94,711	286	94,568	3,695,655	39.0
39-40	0.003054	94,424	288	94,280	3,601,088	38.1
40-41	0.003087	94,136	291	93,991	3,506,808	37.3
41-42	0.003158	93,845	296	93,697	3,412,817	36.4
42-43	0.003287	93,549	307	93,395	3,319,120	35.5
43-44	0.003498	93,242	326	93,079	3,225,724	34.6
44-45	0.003783	92,916	351	92,740	3,132,646	33.7

Table IL-2. Life table for males: Illinois, 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	0.004123	92,564	382	92,373	3,039,906	32.8
46-47	0.004494	92,182	414	91,975	2,947,533	32.0
47-48	0.004885	91,768	448	91,544	2,855,557	31.1
48-49	0.005270	91,320	481	91,079	2,764,013	30.3
49-50	0.005651	90,839	513	90,582	2,672,934	29.4
50-51	0.006051	90,325	547	90,052	2,582,352	28.6
51-52	0.006491	89,779	583	89,487	2,492,300	27.8
52-53	0.006972	89,196	622	88,885	2,402,812	26.9
53-54	0.007507	88,574	665	88,242	2,313,927	26.1
54-55	0.008101	87,909	712	87,553	2,225,686	25.3
55-56	0.008700	87,197	759	86,818	2,138,133	24.5
56-57	0.009337	86,438	807	86,035	2,051,315	23.7
57-58	0.010103	85,631	865	85,199	1,965,280	23.0
58-59	0.011028	84,766	935	84,299	1,880,081	22.2
59-60	0.012060	83,831	1,011	83,326	1,795,783	21.4
60-61	0.013156	82,820	1,090	82,276	1,712,457	20.7
61-62	0.014236	81,731	1,164	81,149	1,630,181	19.9
62-63	0.015260	80,567	1,229	79,953	1,549,032	19.2
63-64	0.016216	79,338	1,287	78,695	1,469,079	18.5
64-65	0.017165	78,051	1,340	77,381	1,390,385	17.8
65-66	0.018175	76,712	1,394	76,014	1,313,003	17.1
66-67	0.019626	75,317	1,478	74,578	1,236,989	16.4
67-68	0.021114	73,839	1,559	73,060	1,162,411	15.7
68-69	0.022701	72,280	1,641	71,460	1,089,351	15.1
69-70	0.024394	70,639	1,723	69,778	1,017,892	14.4
70-71	0.026185	68,916	1,805	68,014	948,114	13.8
71-72	0.028153	67,111	1,889	66,167	880,100	13.1
72-73	0.030393	65,222	1,982	64,231	813,933	12.5
73-74	0.032994	63,240	2,087	62,197	749,702	11.9
74-75	0.036042	61,153	2,204	60,051	687,506	11.2
75-76	0.039624	58,949	2,336	57,781	627,455	10.6
76-77	0.043723	56,613	2,475	55,376	569,673	10.1
77-78	0.048282	54,138	2,614	52,831	514,298	9.5
78-79	0.053148	51,524	2,738	50,155	461,467	9.0
79-80	0.058275	48,786	2,843	47,364	411,312	8.4
80-81	0.063781	45,943	2,930	44,478	363,947	7.9
81-82	0.069956	43,013	3,009	41,508	319,470	7.4
82-83	0.077088	40,004	3,084	38,462	277,962	6.9
83-84	0.085283	36,920	3,149	35,345	239,500	6.5
84-85	0.094649	33,771	3,196	32,173	204,155	6.0
85-86	0.105596	30,575	3,229	28,960	171,982	5.6
86-87	0.120721	27,346	3,301	25,696	143,021	5.2
87-88	0.132977	24,045	3,197	22,446	117,326	4.9
88-89	0.146145	20,847	3,047	19,324	94,879	4.6
89-90	0.160225	17,801	2,852	16,375	75,555	4.2

Table IL-2. Life table for males: Illinois, 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	0.175206	14,949	2,619	13,639	59,181	4.0
91-92	0.191058	12,330	2,356	11,152	45,542	3.7
92-93	0.207738	9,974	2,072	8,938	34,390	3.4
93-94	0.225186	7,902	1,779	7,012	25,452	3.2
94-95	0.243321	6,123	1,490	5,378	18,440	3.0
95-96	0.262051	4,633	1,214	4,026	13,062	2.8
96-97	0.281264	3,419	962	2,938	9,036	2.6
97-98	0.300838	2,457	739	2,088	6,098	2.5
98-99	0.320642	1,718	551	1,443	4,011	2.3
99-100	0.340535	1,167	397	968	2,568	2.2
100 and older	1.000000	770	770	1,600	1,600	2.1

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

Table IL-3. Life table for females: Illinois, 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	0.005077	100,000	508	99,553	8,003,881	80.0
1-2	0.000323	99,492	32	99,476	7,904,328	79.4
2-3	0.000274	99,460	27	99,447	7,804,852	78.5
3-4	0.000170	99,433	17	99,424	7,705,405	77.5
4-5	0.000140	99,416	14	99,409	7,605,981	76.5
5-6	0.000172	99,402	17	99,394	7,506,572	75.5
6-7	0.000164	99,385	16	99,377	7,407,178	74.5
7-8	0.000153	99,369	15	99,361	7,307,802	73.5
8-9	0.000139	99,354	14	99,347	7,208,441	72.6
9-10	0.000123	99,340	12	99,334	7,109,094	71.6
10-11	0.000109	99,327	11	99,322	7,009,760	70.6
11-12	0.000102	99,317	10	99,312	6,910,438	69.6
12-13	0.000110	99,307	11	99,301	6,811,127	68.6
13-14	0.000136	99,296	14	99,289	6,711,826	67.6
14-15	0.000177	99,282	18	99,273	6,612,537	66.6
15-16	0.000223	99,265	22	99,253	6,513,263	65.6
16-17	0.000270	99,242	27	99,229	6,414,010	64.6
17-18	0.000320	99,216	32	99,200	6,314,781	63.6
18-19	0.000372	99,184	37	99,166	6,215,581	62.7
19-20	0.000426	99,147	42	99,126	6,116,415	61.7
20-21	0.000485	99,105	48	99,081	6,017,290	60.7
21-22	0.000546	99,057	54	99,030	5,918,209	59.7
22-23	0.000599	99,003	59	98,973	5,819,179	58.8
23-24	0.000637	98,943	63	98,912	5,720,206	57.8
24-25	0.000666	98,880	66	98,847	5,621,294	56.8
25-26	0.000691	98,814	68	98,780	5,522,447	55.9
26-27	0.000720	98,746	71	98,711	5,423,666	54.9
27-28	0.000758	98,675	75	98,638	5,324,956	54.0
28-29	0.000807	98,600	80	98,560	5,226,318	53.0
29-30	0.000867	98,521	85	98,478	5,127,758	52.0
30-31	0.000931	98,435	92	98,389	5,029,280	51.1
31-32	0.000995	98,344	98	98,295	4,930,890	50.1
32-33	0.001048	98,246	103	98,194	4,832,596	49.2
33-34	0.001109	98,143	109	98,088	4,734,401	48.2
34-35	0.001160	98,034	114	97,977	4,636,313	47.3
35-36	0.001214	97,920	119	97,861	4,538,336	46.3
36-37	0.001276	97,801	125	97,739	4,440,475	45.4
37-38	0.001348	97,677	132	97,611	4,342,736	44.5
38-39	0.001430	97,545	140	97,475	4,245,125	43.5
39-40	0.001525	97,405	149	97,331	4,147,650	42.6
40-41	0.001631	97,257	159	97,178	4,050,318	41.6
41-42	0.001748	97,098	170	97,013	3,953,141	40.7
42-43	0.001871	96,929	181	96,838	3,856,127	39.8
43-44	0.002003	96,747	194	96,650	3,759,289	38.9
44-45	0.002147	96,553	207	96,450	3,662,639	37.9

Table IL-3. Life table for females: Illinois, 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	0.002317	96,346	223	96,235	3,566,189	37.0
46-47	0.002511	96,123	241	96,002	3,469,955	36.1
47-48	0.002718	95,882	261	95,751	3,373,953	35.2
48-49	0.002928	95,621	280	95,481	3,278,201	34.3
49-50	0.003144	95,341	300	95,191	3,182,720	33.4
50-51	0.003370	95,041	320	94,881	3,087,529	32.5
51-52	0.003625	94,721	343	94,549	2,992,649	31.6
52-53	0.003922	94,377	370	94,192	2,898,099	30.7
53-54	0.004275	94,007	402	93,806	2,803,907	29.8
54-55	0.004678	93,605	438	93,386	2,710,101	29.0
55-56	0.005098	93,167	475	92,930	2,616,714	28.1
56-57	0.005537	92,693	513	92,436	2,523,784	27.2
57-58	0.006033	92,179	556	91,901	2,431,348	26.4
58-59	0.006589	91,623	604	91,321	2,339,447	25.5
59-60	0.007189	91,019	654	90,692	2,248,126	24.7
60-61	0.007827	90,365	707	90,011	2,157,434	23.9
61-62	0.008476	89,658	760	89,278	2,067,422	23.1
62-63	0.009119	88,898	811	88,493	1,978,144	22.3
63-64	0.009760	88,087	860	87,657	1,889,652	21.5
64-65	0.010434	87,227	910	86,772	1,801,995	20.7
65-66	0.011162	86,317	963	85,836	1,715,222	19.9
66-67	0.012138	85,354	1,036	84,836	1,629,386	19.1
67-68	0.013203	84,318	1,113	83,761	1,544,551	18.3
68-69	0.014395	83,205	1,198	82,606	1,460,789	17.6
69-70	0.015696	82,007	1,287	81,363	1,378,184	16.8
70-71	0.017092	80,720	1,380	80,030	1,296,820	16.1
71-72	0.018635	79,340	1,478	78,601	1,216,790	15.3
72-73	0.020408	77,862	1,589	77,067	1,138,190	14.6
73-74	0.022476	76,273	1,714	75,415	1,061,122	13.9
74-75	0.024865	74,558	1,854	73,631	985,707	13.2
75-76	0.027569	72,704	2,004	71,702	912,076	12.5
76-77	0.030591	70,700	2,163	69,619	840,373	11.9
77-78	0.033965	68,537	2,328	67,373	770,755	11.2
78-79	0.037674	66,209	2,494	64,962	703,382	10.6
79-80	0.041685	63,715	2,656	62,387	638,420	10.0
80-81	0.046042	61,059	2,811	59,653	576,033	9.4
81-82	0.050917	58,248	2,966	56,765	516,379	8.9
82-83	0.056528	55,282	3,125	53,719	459,615	8.3
83-84	0.062973	52,157	3,284	50,515	405,895	7.8
84-85	0.070297	48,872	3,436	47,155	355,381	7.3
85-86	0.078885	45,437	3,584	43,645	308,226	6.8
86-87	0.087034	41,853	3,643	40,031	264,581	6.3
87-88	0.097563	38,210	3,728	36,346	224,550	5.9
88-89	0.109126	34,482	3,763	32,601	188,204	5.5
89-90	0.121766	30,719	3,741	28,849	155,603	5.1

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.135514	26,979	3,656	25,151	126,754	4.7
91-92	0.150387	23,323	3,507	21,569	101,604	4.4
92-93	0.166380	19,815	3,297	18,167	80,035	4.0
93-94	0.183470	16,518	3,031	15,003	61,868	3.7
94-95	0.201607	13,488	2,719	12,128	46,865	3.5
95-96	0.220719	10,769	2,377	9,580	34,737	3.2
96-97	0.240705	8,392	2,020	7,382	25,157	3.0
97-98	0.261439	6,372	1,666	5,539	17,775	2.8
98-99	0.282774	4,706	1,331	4,041	12,236	2.6
99-100	0.304542	3,375	1,028	2,861	8,196	2.4
100 and older	1.000000	2,347	2,347	5,334	5,334	2.3

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