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Table IA-2. Life table for males: Iowa, 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	0.005680	100,000	568	99,546	7,679,615	76.8
1-2	0.000494	99,432	49	99,407	7,580,070	76.2
2-3	0.000246	99,383	24	99,371	7,480,662	75.3
3-4	0.000245	99,358	24	99,346	7,381,292	74.3
4-5	0.000245	99,334	24	99,322	7,281,945	73.3
5-6	0.000181	99,310	18	99,301	7,182,624	72.3
6-7	0.000197	99,292	20	99,282	7,083,323	71.3
7-8	0.000197	99,272	20	99,262	6,984,041	70.4
8-9	0.000172	99,253	17	99,244	6,884,779	69.4
9-10	0.000127	99,235	13	99,229	6,785,535	68.4
10-11	0.000078	99,223	8	99,219	6,686,305	67.4
11-12	0.000051	99,215	5	99,213	6,587,086	66.4
12-13	0.000077	99,210	8	99,206	6,487,874	65.4
13-14	0.000174	99,202	17	99,194	6,388,667	64.4
14-15	0.000320	99,185	32	99,169	6,289,474	63.4
15-16	0.000490	99,153	49	99,129	6,190,304	62.4
16-17	0.000645	99,105	64	99,073	6,091,175	61.5
17-18	0.000757	99,041	75	99,003	5,992,102	60.5
18-19	0.000805	98,966	80	98,926	5,893,099	59.5
19-20	0.000809	98,886	80	98,846	5,794,173	58.6
20-21	0.000797	98,806	79	98,767	5,695,327	57.6
21-22	0.000802	98,727	79	98,688	5,596,560	56.7
22-23	0.000836	98,648	82	98,607	5,497,872	55.7
23-24	0.000915	98,566	90	98,521	5,399,265	54.8
24-25	0.001029	98,476	101	98,425	5,300,744	53.8
25-26	0.001162	98,374	114	98,317	5,202,319	52.9
26-27	0.001285	98,260	126	98,197	5,104,002	51.9
27-28	0.001381	98,134	136	98,066	5,005,805	51.0
28-29	0.001431	97,998	140	97,928	4,907,739	50.1
29-30	0.001444	97,858	141	97,787	4,809,811	49.2
30-31	0.001451	97,717	142	97,646	4,712,024	48.2
31-32	0.001468	97,575	143	97,503	4,614,378	47.3
32-33	0.001507	97,432	147	97,358	4,516,874	46.4
33-34	0.001489	97,285	145	97,213	4,419,516	45.4
34-35	0.001500	97,140	146	97,067	4,322,303	44.5
35-36	0.001515	96,994	147	96,921	4,225,236	43.6
36-37	0.001540	96,847	149	96,773	4,128,315	42.6
37-38	0.001579	96,698	153	96,622	4,031,542	41.7
38-39	0.001641	96,546	158	96,466	3,934,920	40.8
39-40	0.001731	96,387	167	96,304	3,838,454	39.8
40-41	0.001840	96,220	177	96,132	3,742,150	38.9
41-42	0.001980	96,043	190	95,948	3,646,019	38.0
42-43	0.002181	95,853	209	95,748	3,550,071	37.0

Table IA-2. Life table for males: Iowa, 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
43-44	0.002446	95,644	234	95,527	3,454,322	36.1
44-45	0.002749	95,410	262	95,279	3,358,795	35.2
45-46	0.003101	95,148	295	95,000	3,263,516	34.3
46-47	0.003459	94,853	328	94,689	3,168,516	33.4
47-48	0.003759	94,525	355	94,347	3,073,828	32.5
48-49	0.003980	94,169	375	93,982	2,979,481	31.6
49-50	0.004168	93,794	391	93,599	2,885,499	30.8
50-51	0.004350	93,404	406	93,200	2,791,900	29.9
51-52	0.004610	92,997	429	92,783	2,698,700	29.0
52-53	0.005021	92,569	465	92,336	2,605,917	28.2
53-54	0.005612	92,104	517	91,845	2,513,580	27.3
54-55	0.006310	91,587	578	91,298	2,421,735	26.4
55-56	0.007016	91,009	639	90,690	2,330,437	25.6
56-57	0.007694	90,370	695	90,023	2,239,748	24.8
57-58	0.008390	89,675	752	89,299	2,149,725	24.0
58-59	0.009125	88,923	811	88,517	2,060,426	23.2
59-60	0.009915	88,111	874	87,674	1,971,909	22.4
60-61	0.010742	87,238	937	86,769	1,884,235	21.6
61-62	0.011610	86,300	1,002	85,800	1,797,466	20.8
62-63	0.012560	85,299	1,071	84,763	1,711,666	20.1
63-64	0.013613	84,227	1,147	83,654	1,626,903	19.3
64-65	0.014757	83,081	1,226	82,468	1,543,249	18.6
65-66	0.016041	81,855	1,313	81,198	1,460,782	17.8
66-67	0.017527	80,542	1,412	79,836	1,379,584	17.1
67-68	0.018880	79,130	1,494	78,383	1,299,748	16.4
68-69	0.020092	77,636	1,560	76,856	1,221,365	15.7
69-70	0.021285	76,076	1,619	75,266	1,144,509	15.0
70-71	0.022598	74,457	1,683	73,616	1,069,243	14.4
71-72	0.024224	72,774	1,763	71,893	995,627	13.7
72-73	0.026319	71,011	1,869	70,077	923,734	13.0
73-74	0.028968	69,142	2,003	68,141	853,657	12.3
74-75	0.032053	67,139	2,152	66,063	785,517	11.7
75-76	0.035495	64,987	2,307	63,834	719,453	11.1
76-77	0.039279	62,681	2,462	61,450	655,619	10.5
77-78	0.043448	60,219	2,616	58,910	594,169	9.9
78-79	0.047937	57,602	2,761	56,222	535,259	9.3
79-80	0.052768	54,841	2,894	53,394	479,037	8.7
80-81	0.057968	51,947	3,011	50,442	425,643	8.2
81-82	0.063896	48,936	3,127	47,372	375,202	7.7
82-83	0.070894	45,809	3,248	44,185	327,829	7.2
83-84	0.078857	42,561	3,356	40,883	283,644	6.7
84-85	0.087722	39,205	3,439	37,486	242,761	6.2
85-86	0.098215	35,766	3,513	34,010	205,275	5.7

Table IA-2. Life table for males: Iowa, 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
86-87	0.109892	32,253	3,544	30,481	171,265	5.3
87-88	0.122756	28,709	3,524	26,947	140,784	4.9
88-89	0.138182	25,185	3,480	23,445	113,837	4.5
89-90	0.154994	21,705	3,364	20,023	90,393	4.2
90-91	0.173182	18,341	3,176	16,752	70,370	3.8
91-92	0.192700	15,164	2,922	13,703	53,618	3.5
92-93	0.213466	12,242	2,613	10,936	39,914	3.3
93-94	0.235358	9,629	2,266	8,496	28,979	3.0
94-95	0.258217	7,363	1,901	6,412	20,483	2.8
95-96	0.281845	5,461	1,539	4,692	14,071	2.6
96-97	0.306015	3,922	1,200	3,322	9,379	2.4
97-98	0.330478	2,722	900	2,272	6,057	2.2
98-99	0.354972	1,822	647	1,499	3,785	2.1
99-100	0.379234	1,175	446	953	2,286	1.9
100 and over	1.000000	730	730	1,333	1,333	1.8

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

Table IA-3. Life table for females: Iowa, 2018

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	0.004371	100,000	437	99,633	8,159,092	81.6
1-2	0.000310	99,563	31	99,548	8,059,459	80.9
2-3	0.000258	99,532	26	99,519	7,959,912	80.0
3-4	0.000180	99,506	18	99,497	7,860,392	79.0
4-5	0.000103	99,488	10	99,483	7,760,895	78.0
5-6	0.000097	99,478	10	99,473	7,661,411	77.0
6-7	0.000094	99,469	9	99,464	7,561,938	76.0
7-8	0.000096	99,459	10	99,454	7,462,474	75.0
8-9	0.000104	99,450	10	99,444	7,363,020	74.0
9-10	0.000117	99,439	12	99,433	7,263,575	73.0
10-11	0.000133	99,428	13	99,421	7,164,142	72.1
11-12	0.000151	99,414	15	99,407	7,064,721	71.1
12-13	0.000168	99,399	17	99,391	6,965,314	70.1
13-14	0.000183	99,383	18	99,374	6,865,923	69.1
14-15	0.000197	99,364	20	99,355	6,766,550	68.1
15-16	0.000214	99,345	21	99,334	6,667,195	67.1
16-17	0.000232	99,324	23	99,312	6,567,861	66.1
17-18	0.000250	99,300	25	99,288	6,468,549	65.1
18-19	0.000265	99,276	26	99,263	6,369,261	64.2
19-20	0.000279	99,249	28	99,235	6,269,999	63.2
20-21	0.000291	99,222	29	99,207	6,170,763	62.2
21-22	0.000305	99,193	30	99,178	6,071,556	61.2
22-23	0.000331	99,162	33	99,146	5,972,378	60.2
23-24	0.000373	99,130	37	99,111	5,873,232	59.2
24-25	0.000428	99,093	42	99,071	5,774,121	58.3
25-26	0.000494	99,050	49	99,026	5,675,050	57.3
26-27	0.000558	99,001	55	98,974	5,576,024	56.3
27-28	0.000609	98,946	60	98,916	5,477,050	55.4
28-29	0.000635	98,886	63	98,854	5,378,134	54.4
29-30	0.000643	98,823	64	98,791	5,279,280	53.4
30-31	0.000651	98,759	64	98,727	5,180,489	52.5
31-32	0.000668	98,695	66	98,662	5,081,761	51.5
32-33	0.000696	98,629	69	98,595	4,983,099	50.5
33-34	0.000702	98,561	69	98,526	4,884,504	49.6
34-35	0.000724	98,491	71	98,456	4,785,978	48.6
35-36	0.000742	98,420	73	98,383	4,687,523	47.6
36-37	0.000769	98,347	76	98,309	4,589,139	46.7
37-38	0.000827	98,271	81	98,231	4,490,830	45.7
38-39	0.000932	98,190	91	98,144	4,392,599	44.7
39-40	0.001078	98,099	106	98,046	4,294,455	43.8
40-41	0.001272	97,993	125	97,930	4,196,409	42.8
41-42	0.001476	97,868	144	97,796	4,098,479	41.9
42-43	0.001632	97,724	159	97,644	4,000,683	40.9
43-44	0.001699	97,564	166	97,481	3,903,039	40.0

Table IA-3. Life table for females: Iowa, 2018

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
44-45	0.001709	97,398	166	97,315	3,805,558	39.1
45-46	0.001702	97,232	165	97,149	3,708,242	38.1
46-47	0.001750	97,067	170	96,982	3,611,093	37.2
47-48	0.001900	96,897	184	96,805	3,514,112	36.3
48-49	0.002187	96,713	211	96,607	3,417,307	35.3
49-50	0.002579	96,501	249	96,377	3,320,700	34.4
50-51	0.003009	96,252	290	96,107	3,224,324	33.5
51-52	0.003423	95,963	328	95,798	3,128,216	32.6
52-53	0.003813	95,634	365	95,452	3,032,418	31.7
53-54	0.004145	95,270	395	95,072	2,936,966	30.8
54-55	0.004423	94,875	420	94,665	2,841,894	30.0
55-56	0.004703	94,455	444	94,233	2,747,229	29.1
56-57	0.004991	94,011	469	93,776	2,652,996	28.2
57-58	0.005252	93,542	491	93,296	2,559,220	27.4
58-59	0.005496	93,050	511	92,795	2,465,924	26.5
59-60	0.005751	92,539	532	92,273	2,373,129	25.6
60-61	0.006007	92,007	553	91,730	2,280,857	24.8
61-62	0.006323	91,454	578	91,165	2,189,126	23.9
62-63	0.006796	90,876	618	90,567	2,097,961	23.1
63-64	0.007480	90,258	675	89,921	2,007,394	22.2
64-65	0.008345	89,583	748	89,209	1,917,474	21.4
65-66	0.009337	88,835	829	88,421	1,828,265	20.6
66-67	0.010462	88,006	921	87,546	1,739,844	19.8
67-68	0.011543	87,085	1,005	86,583	1,652,298	19.0
68-69	0.012613	86,080	1,086	85,537	1,565,716	18.2
69-70	0.013742	84,994	1,168	84,410	1,480,179	17.4
70-71	0.015042	83,826	1,261	83,196	1,395,768	16.7
71-72	0.016555	82,565	1,367	81,882	1,312,573	15.9
72-73	0.018216	81,198	1,479	80,459	1,230,691	15.2
73-74	0.020010	79,719	1,595	78,922	1,150,232	14.4
74-75	0.021988	78,124	1,718	77,265	1,071,310	13.7
75-76	0.024144	76,406	1,845	75,484	994,045	13.0
76-77	0.026580	74,562	1,982	73,571	918,561	12.3
77-78	0.029510	72,580	2,142	71,509	844,990	11.6
78-79	0.033089	70,438	2,331	69,273	773,481	11.0
79-80	0.037259	68,107	2,538	66,838	704,209	10.3
80-81	0.041805	65,570	2,741	64,199	637,371	9.7
81-82	0.046681	62,828	2,933	61,362	573,172	9.1
82-83	0.052039	59,896	3,117	58,337	511,810	8.5
83-84	0.058226	56,779	3,306	55,126	453,472	8.0
84-85	0.065607	53,473	3,508	51,719	398,347	7.4
85-86	0.072985	49,964	3,647	48,141	346,628	6.9
86-87	0.082492	46,318	3,821	44,407	298,487	6.4
87-88	0.093044	42,497	3,954	40,520	254,080	6.0

Table IA-3. Life table for females: Iowa, 2018

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
88-89	0.104703	38,543	4,036	36,525	213,560	5.5
89-90	0.117524	34,507	4,055	32,480	177,035	5.1
90-91	0.131548	30,452	4,006	28,449	144,555	4.7
91-92	0.146797	26,446	3,882	24,505	116,106	4.4
92-93	0.163275	22,564	3,684	20,722	91,602	4.1
93-94	0.180958	18,880	3,416	17,171	70,880	3.8
94-95	0.199797	15,463	3,090	13,919	53,708	3.5
95-96	0.219710	12,374	2,719	11,014	39,790	3.2
96-97	0.240584	9,655	2,323	8,494	28,775	3.0
97-98	0.262278	7,332	1,923	6,371	20,282	2.8
98-99	0.284622	5,409	1,540	4,639	13,911	2.6
99-100	0.307422	3,870	1,190	3,275	9,272	2.4
100 and over	1.000000	2,680	2,680	5,997	5,997	2.2

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