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Table IA-2. Life table for males: Iowa, 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	0.004955	100,000	495	99,596	7,493,223	74.9
1-2	0.000411	99,505	41	99,484	7,393,627	74.3
2-3	0.000355	99,464	35	99,446	7,294,142	73.3
3-4	0.000100	99,428	10	99,423	7,194,696	72.4
4-5	0.000349	99,418	35	99,401	7,095,273	71.4
5-6	0.000175	99,384	17	99,375	6,995,872	70.4
6-7	0.000158	99,366	16	99,358	6,896,497	69.4
7-8	0.000146	99,351	14	99,343	6,797,139	68.4
8-9	0.000133	99,336	13	99,329	6,697,795	67.4
9-10	0.000120	99,323	12	99,317	6,598,466	66.4
10-11	0.000115	99,311	11	99,305	6,499,149	65.4
11-12	0.000131	99,299	13	99,293	6,399,844	64.4
12-13	0.000183	99,286	18	99,277	6,300,551	63.5
13-14	0.000280	99,268	28	99,254	6,201,274	62.5
14-15	0.000410	99,240	41	99,220	6,102,019	61.5
15-16	0.000556	99,200	55	99,172	6,002,799	60.5
16-17	0.000698	99,144	69	99,110	5,903,627	59.5
17-18	0.000823	99,075	82	99,035	5,804,517	58.6
18-19	0.000918	98,994	91	98,948	5,705,483	57.6
19-20	0.000989	98,903	98	98,854	5,606,534	56.7
20-21	0.001053	98,805	104	98,753	5,507,680	55.7
21-22	0.001120	98,701	111	98,646	5,408,927	54.8
22-23	0.001186	98,591	117	98,532	5,310,281	53.9
23-24	0.001256	98,474	124	98,412	5,211,749	52.9
24-25	0.001330	98,350	131	98,285	5,113,338	52.0
25-26	0.001410	98,219	138	98,150	5,015,053	51.1
26-27	0.001490	98,081	146	98,008	4,916,903	50.1
27-28	0.001564	97,935	153	97,858	4,818,895	49.2
28-29	0.001629	97,781	159	97,702	4,721,037	48.3
29-30	0.001689	97,622	165	97,540	4,623,336	47.4
30-31	0.001748	97,457	170	97,372	4,525,796	46.4
31-32	0.001815	97,287	177	97,199	4,428,424	45.5
32-33	0.001919	97,110	186	97,017	4,331,225	44.6
33-34	0.001987	96,924	193	96,828	4,234,208	43.7

Table IA-2. Life table for males: Iowa, 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	0.002086	96,731	202	96,630	4,137,381	42.8
35-36	0.002191	96,530	211	96,424	4,040,750	41.9
36-37	0.002293	96,318	221	96,208	3,944,326	41.0
37-38	0.002384	96,097	229	95,983	3,848,118	40.0
38-39	0.002464	95,868	236	95,750	3,752,136	39.1
39-40	0.002542	95,632	243	95,510	3,656,386	38.2
40-41	0.002640	95,389	252	95,263	3,560,875	37.3
41-42	0.002762	95,137	263	95,006	3,465,612	36.4
42-43	0.002904	94,874	276	94,737	3,370,606	35.5
43-44	0.003068	94,599	290	94,454	3,275,870	34.6
44-45	0.003264	94,309	308	94,155	3,181,416	33.7
45-46	0.003493	94,001	328	93,837	3,087,262	32.8
46-47	0.003774	93,672	353	93,496	2,993,425	32.0
47-48	0.004126	93,319	385	93,126	2,899,929	31.1
48-49	0.004554	92,934	423	92,722	2,806,803	30.2
49-50	0.005039	92,511	466	92,278	2,714,081	29.3
50-51	0.005576	92,044	513	91,788	2,621,803	28.5
51-52	0.006142	91,531	562	91,250	2,530,015	27.6
52-53	0.006700	90,969	609	90,664	2,438,765	26.8
53-54	0.007230	90,360	653	90,033	2,348,101	26.0
54-55	0.007752	89,706	695	89,359	2,258,068	25.2
55-56	0.008232	89,011	733	88,645	2,168,709	24.4
56-57	0.008764	88,278	774	87,891	2,080,065	23.6
57-58	0.009481	87,505	830	87,090	1,992,173	22.8
58-59	0.010448	86,675	906	86,222	1,905,084	22.0
59-60	0.011593	85,769	994	85,272	1,818,861	21.2
60-61	0.012849	84,775	1,089	84,230	1,733,589	20.4
61-62	0.014058	83,686	1,176	83,097	1,649,359	19.7
62-63	0.015125	82,509	1,248	81,885	1,566,262	19.0
63-64	0.015984	81,261	1,299	80,612	1,484,376	18.3
64-65	0.016730	79,962	1,338	79,293	1,403,765	17.6
65-66	0.017450	78,625	1,372	77,939	1,324,471	16.8
66-67	0.018542	77,253	1,432	76,536	1,246,533	16.1
67-68	0.019901	75,820	1,509	75,066	1,169,996	15.4

Table IA-2. Life table for males: Iowa, 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	0.021685	74,311	1,611	73,505	1,094,931	14.7
69-70	0.023833	72,700	1,733	71,833	1,021,425	14.0
70-71	0.026295	70,967	1,866	70,034	949,592	13.4
71-72	0.028945	69,101	2,000	68,101	879,558	12.7
72-73	0.031691	67,101	2,127	66,038	811,457	12.1
73-74	0.034450	64,974	2,238	63,855	745,419	11.5
74-75	0.037389	62,736	2,346	61,563	681,564	10.9
75-76	0.040695	60,390	2,458	59,162	620,001	10.3
76-77	0.044571	57,933	2,582	56,642	560,839	9.7
77-78	0.049106	55,351	2,718	53,992	504,197	9.1
78-79	0.054276	52,633	2,857	51,204	450,206	8.6
79-80	0.060027	49,776	2,988	48,282	399,001	8.0
80-81	0.066502	46,788	3,111	45,232	350,720	7.5
81-82	0.073900	43,677	3,228	42,063	305,487	7.0
82-83	0.082308	40,449	3,329	38,784	263,425	6.5
83-84	0.091497	37,120	3,396	35,421	224,640	6.1
84-85	0.102012	33,723	3,440	32,003	189,219	5.6
85-86	0.114837	30,283	3,478	28,544	157,216	5.2
86-87	0.124670	26,805	3,342	25,135	128,672	4.8
87-88	0.140972	23,464	3,308	21,810	103,537	4.4
88-89	0.158782	20,156	3,200	18,556	81,727	4.1
89-90	0.178079	16,956	3,019	15,446	63,172	3.7
90-91	0.198803	13,936	2,771	12,551	47,726	3.4
91-92	0.220849	11,166	2,466	9,933	35,175	3.2
92-93	0.244064	8,700	2,123	7,638	25,242	2.9
93-94	0.268252	6,576	1,764	5,694	17,604	2.7
94-95	0.293173	4,812	1,411	4,107	11,910	2.5
95-96	0.318559	3,401	1,084	2,860	7,803	2.3
96-97	0.344117	2,318	798	1,919	4,944	2.1
97-98	0.369549	1,520	562	1,239	3,025	2.0
98-99	0.394562	958	378	769	1,785	1.9
99-100	0.418880	580	243	459	1,016	1.8
100 and over	1.000000	337	337	557	557	1.7

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

Table IA-3. Life table for females: Iowa, 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	0.003711	100,000	371	99,680	8,009,760	80.1
1-2	0.000214	99,629	21	99,618	7,910,081	79.4
2-3	0.000423	99,608	42	99,587	7,810,462	78.4
3-4	0.000157	99,566	16	99,558	7,710,876	77.4
4-5	0.000104	99,550	10	99,545	7,611,318	76.5
5-6	0.000144	99,540	14	99,532	7,511,774	75.5
6-7	0.000126	99,525	13	99,519	7,412,241	74.5
7-8	0.000112	99,513	11	99,507	7,312,722	73.5
8-9	0.000098	99,501	10	99,497	7,213,215	72.5
9-10	0.000083	99,492	8	99,488	7,113,719	71.5
10-11	0.000072	99,483	7	99,480	7,014,231	70.5
11-12	0.000073	99,476	7	99,473	6,914,751	69.5
12-13	0.000095	99,469	9	99,464	6,815,279	68.5
13-14	0.000142	99,460	14	99,452	6,715,814	67.5
14-15	0.000206	99,445	20	99,435	6,616,362	66.5
15-16	0.000285	99,425	28	99,411	6,516,927	65.5
16-17	0.000358	99,397	36	99,379	6,417,516	64.6
17-18	0.000398	99,361	40	99,341	6,318,137	63.6
18-19	0.000391	99,322	39	99,302	6,218,796	62.6
19-20	0.000353	99,283	35	99,265	6,119,494	61.6
20-21	0.000305	99,248	30	99,232	6,020,229	60.7
21-22	0.000274	99,217	27	99,204	5,920,996	59.7
22-23	0.000277	99,190	28	99,176	5,821,792	58.7
23-24	0.000329	99,163	33	99,146	5,722,616	57.7
24-25	0.000418	99,130	41	99,109	5,623,470	56.7
25-26	0.000526	99,089	52	99,063	5,524,360	55.8
26-27	0.000629	99,036	62	99,005	5,425,298	54.8
27-28	0.000717	98,974	71	98,939	5,326,292	53.8
28-29	0.000773	98,903	76	98,865	5,227,354	52.9
29-30	0.000805	98,827	80	98,787	5,128,489	51.9
30-31	0.000835	98,747	82	98,706	5,029,702	50.9
31-32	0.000875	98,665	86	98,622	4,930,996	50.0
32-33	0.000931	98,579	92	98,533	4,832,374	49.0
33-34	0.000962	98,487	95	98,439	4,733,841	48.1

Table IA-3. Life table for females: Iowa, 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	0.001010	98,392	99	98,342	4,635,402	47.1
35-36	0.001059	98,293	104	98,241	4,537,060	46.2
36-37	0.001108	98,189	109	98,134	4,438,819	45.2
37-38	0.001162	98,080	114	98,023	4,340,685	44.3
38-39	0.001224	97,966	120	97,906	4,242,662	43.3
39-40	0.001296	97,846	127	97,782	4,144,756	42.4
40-41	0.001387	97,719	136	97,651	4,046,974	41.4
41-42	0.001493	97,583	146	97,511	3,949,323	40.5
42-43	0.001602	97,438	156	97,360	3,851,812	39.5
43-44	0.001711	97,282	166	97,198	3,754,452	38.6
44-45	0.001830	97,115	178	97,026	3,657,254	37.7
45-46	0.001962	96,938	190	96,842	3,560,228	36.7
46-47	0.002130	96,747	206	96,644	3,463,385	35.8
47-48	0.002358	96,541	228	96,428	3,366,741	34.9
48-49	0.002656	96,314	256	96,186	3,270,313	34.0
49-50	0.003005	96,058	289	95,914	3,174,127	33.0
50-51	0.003396	95,769	325	95,607	3,078,214	32.1
51-52	0.003793	95,444	362	95,263	2,982,607	31.2
52-53	0.004154	95,082	395	94,884	2,887,344	30.4
53-54	0.004450	94,687	421	94,476	2,792,460	29.5
54-55	0.004706	94,266	444	94,044	2,697,983	28.6
55-56	0.004945	93,822	464	93,590	2,603,940	27.8
56-57	0.005227	93,358	488	93,114	2,510,350	26.9
57-58	0.005603	92,870	520	92,610	2,417,235	26.0
58-59	0.006112	92,350	564	92,068	2,324,626	25.2
59-60	0.006730	91,785	618	91,476	2,232,558	24.3
60-61	0.007401	91,168	675	90,830	2,141,081	23.5
61-62	0.008082	90,493	731	90,127	2,050,251	22.7
62-63	0.008796	89,761	790	89,367	1,960,124	21.8
63-64	0.009544	88,972	849	88,547	1,870,757	21.0
64-65	0.010346	88,123	912	87,667	1,782,210	20.2
65-66	0.011220	87,211	979	86,722	1,694,543	19.4
66-67	0.012263	86,232	1,057	85,704	1,607,821	18.6
67-68	0.013380	85,175	1,140	84,605	1,522,118	17.9

Table IA-3. Life table for females: Iowa, 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	0.014608	84,035	1,228	83,422	1,437,512	17.1
69-70	0.015956	82,808	1,321	82,147	1,354,091	16.4
70-71	0.017492	81,487	1,425	80,774	1,271,944	15.6
71-72	0.019218	80,061	1,539	79,292	1,191,170	14.9
72-73	0.021087	78,522	1,656	77,695	1,111,878	14.2
73-74	0.023099	76,867	1,776	75,979	1,034,183	13.5
74-75	0.025382	75,091	1,906	74,138	958,205	12.8
75-76	0.027983	73,185	2,048	72,161	884,066	12.1
76-77	0.031025	71,137	2,207	70,034	811,905	11.4
77-78	0.034618	68,930	2,386	67,737	741,872	10.8
78-79	0.038848	66,544	2,585	65,251	674,135	10.1
79-80	0.043686	63,959	2,794	62,562	608,883	9.5
80-81	0.048983	61,165	2,996	59,667	546,321	8.9
81-82	0.054583	58,169	3,175	56,581	486,655	8.4
82-83	0.060536	54,994	3,329	53,329	430,074	7.8
83-84	0.067072	51,665	3,465	49,932	376,744	7.3
84-85	0.074893	48,199	3,610	46,394	326,812	6.8
85-86	0.084699	44,590	3,777	42,701	280,418	6.3
86-87	0.095305	40,813	3,890	38,868	237,717	5.8
87-88	0.104191	36,923	3,847	35,000	198,849	5.4
88-89	0.118525	33,076	3,920	31,116	163,849	5.0
89-90	0.134360	29,156	3,917	27,197	132,733	4.6
90-91	0.151725	25,238	3,829	23,324	105,536	4.2
91-92	0.170615	21,409	3,653	19,583	82,212	3.8
92-93	0.190984	17,756	3,391	16,061	62,630	3.5
93-94	0.212743	14,365	3,056	12,837	46,569	3.2
94-95	0.235751	11,309	2,666	9,976	33,732	3.0
95-96	0.259824	8,643	2,246	7,520	23,756	2.7
96-97	0.284731	6,397	1,822	5,487	16,236	2.5
97-98	0.310204	4,576	1,419	3,866	10,749	2.3
98-99	0.335953	3,156	1,060	2,626	6,883	2.2
99-100	0.361669	2,096	758	1,717	4,257	2.0
100 and over	1.000000	1,338	1,338	2,540	2,540	1.9

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