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Table IA-2. Life table for males: Iowa, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.006336	100,000	634	99,470	7,648,971	76.5
1-2	0.000351	99,366	35	99,349	7,549,501	76.0
2-3	0.000199	99,331	20	99,322	7,450,152	75.0
3-4	0.000050	99,312	5	99,309	7,350,830	74.0
4-5	0.000050	99,307	5	99,304	7,251,521	73.0
5-6	0.000086	99,302	9	99,298	7,152,217	72.0
6-7	0.000093	99,293	9	99,289	7,052,919	71.0
7-8	0.000108	99,284	11	99,279	6,953,631	70.0
8-9	0.000133	99,273	13	99,267	6,854,352	69.0
9-10	0.000166	99,260	16	99,252	6,755,085	68.1
10-11	0.000205	99,244	20	99,234	6,655,833	67.1
11-12	0.000250	99,223	25	99,211	6,556,600	66.1
12-13	0.000297	99,199	29	99,184	6,457,389	65.1
13-14	0.000347	99,169	34	99,152	6,358,205	64.1
14-15	0.000400	99,135	40	99,115	6,259,053	63.1
15-16	0.000454	99,095	45	99,073	6,159,938	62.2
16-17	0.000514	99,050	51	99,025	6,060,865	61.2
17-18	0.000585	98,999	58	98,970	5,961,841	60.2
18-19	0.000668	98,941	66	98,908	5,862,870	59.3
19-20	0.000756	98,875	75	98,838	5,763,962	58.3
20-21	0.000846	98,800	84	98,759	5,665,124	57.3
21-22	0.000930	98,717	92	98,671	5,566,366	56.4
22-23	0.001004	98,625	99	98,576	5,467,695	55.4
23-24	0.001068	98,526	105	98,473	5,369,119	54.5
24-25	0.001127	98,421	111	98,365	5,270,646	53.6
25-26	0.001184	98,310	116	98,252	5,172,280	52.6
26-27	0.001246	98,193	122	98,132	5,074,029	51.7
27-28	0.001314	98,071	129	98,007	4,975,896	50.7
28-29	0.001392	97,942	136	97,874	4,877,890	49.8
29-30	0.001477	97,806	144	97,734	4,780,016	48.9
30-31	0.001569	97,661	153	97,585	4,682,282	47.9
31-32	0.001658	97,508	162	97,427	4,584,697	47.0
32-33	0.001750	97,347	170	97,261	4,487,270	46.1
33-34	0.001766	97,176	172	97,090	4,390,008	45.2
34-35	0.001780	97,005	173	96,918	4,292,918	44.3
35-36	0.001798	96,832	174	96,745	4,196,000	43.3
36-37	0.001826	96,658	177	96,570	4,099,255	42.4
37-38	0.001852	96,481	179	96,392	4,002,685	41.5
38-39	0.001876	96,303	181	96,212	3,906,293	40.6
39-40	0.001910	96,122	184	96,030	3,810,081	39.6
40-41	0.001949	95,938	187	95,845	3,714,051	38.7
41-42	0.002019	95,751	193	95,655	3,618,206	37.8
42-43	0.002167	95,558	207	95,455	3,522,551	36.9
43-44	0.002415	95,351	230	95,236	3,427,097	35.9
44-45	0.002740	95,121	261	94,990	3,331,861	35.0
45-46	0.003144	94,860	298	94,711	3,236,871	34.1
46-47	0.003565	94,562	337	94,393	3,142,160	33.2
47-48	0.003922	94,225	370	94,040	3,047,766	32.3
48-49	0.004176	93,855	392	93,659	2,953,726	31.5
49-50	0.004379	93,463	409	93,259	2,860,067	30.6
50-51	0.004549	93,054	423	92,842	2,766,808	29.7
51-52	0.004820	92,631	446	92,408	2,673,966	28.9
52-53	0.005330	92,184	491	91,939	2,581,558	28.0

Table IA-2. Life table for males: Iowa, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
53-54	0.006129	91,693	562	91,412	2,489,620	27.2
54-55	0.007092	91,131	646	90,808	2,398,208	26.3
55-56	0.008083	90,485	731	90,119	2,307,400	25.5
56-57	0.008977	89,753	806	89,350	2,217,281	24.7
57-58	0.009749	88,947	867	88,514	2,127,931	23.9
58-59	0.010380	88,080	914	87,623	2,039,417	23.2
59-60	0.010935	87,166	953	86,689	1,951,794	22.4
60-61	0.011479	86,213	990	85,718	1,865,104	21.6
61-62	0.012092	85,223	1,031	84,708	1,779,386	20.9
62-63	0.012826	84,193	1,080	83,653	1,694,678	20.1
63-64	0.013733	83,113	1,141	82,542	1,611,025	19.4
64-65	0.014793	81,971	1,213	81,365	1,528,483	18.6
65-66	0.015973	80,759	1,290	80,114	1,447,118	17.9
66-67	0.017411	79,469	1,384	78,777	1,367,004	17.2
67-68	0.018748	78,085	1,464	77,353	1,288,227	16.5
68-69	0.020041	76,621	1,536	75,853	1,210,874	15.8
69-70	0.021369	75,086	1,605	74,283	1,135,020	15.1
70-71	0.022827	73,481	1,677	72,642	1,060,737	14.4
71-72	0.024590	71,804	1,766	70,921	988,094	13.8
72-73	0.026786	70,038	1,876	69,100	917,173	13.1
73-74	0.029460	68,162	2,008	67,158	848,073	12.4
74-75	0.032521	66,154	2,151	65,078	780,915	11.8
75-76	0.035860	64,003	2,295	62,855	715,837	11.2
76-77	0.039401	61,708	2,431	60,492	652,982	10.6
77-78	0.043237	59,276	2,563	57,995	592,490	10.0
78-79	0.047374	56,713	2,687	55,370	534,495	9.4
79-80	0.051819	54,027	2,800	52,627	479,125	8.9
80-81	0.056746	51,227	2,907	49,773	426,498	8.3
81-82	0.062431	48,320	3,017	46,812	376,725	7.8
82-83	0.069302	45,303	3,140	43,734	329,913	7.3
83-84	0.077626	42,164	3,273	40,527	286,180	6.8
84-85	0.087222	38,891	3,392	37,195	245,653	6.3
85-86	0.098243	35,499	3,487	33,755	208,458	5.9
86-87	0.107968	32,011	3,456	30,283	174,703	5.5
87-88	0.120853	28,555	3,451	26,829	144,420	5.1
88-89	0.134905	25,104	3,387	23,411	117,591	4.7
89-90	0.150140	21,717	3,261	20,087	94,180	4.3
90-91	0.166558	18,457	3,074	16,920	74,093	4.0
91-92	0.184130	15,383	2,832	13,966	57,173	3.7
92-93	0.202805	12,550	2,545	11,278	43,207	3.4
93-94	0.222501	10,005	2,226	8,892	31,929	3.2
94-95	0.243106	7,779	1,891	6,833	23,037	3.0
95-96	0.264484	5,888	1,557	5,109	16,204	2.8
96-97	0.286470	4,331	1,241	3,710	11,095	2.6
97-98	0.308880	3,090	954	2,613	7,385	2.4
98-99	0.331515	2,136	708	1,782	4,772	2.2
99-100	0.354166	1,428	506	1,175	2,990	2.1
100 and over	1.000000	922	922	1,816	1,816	2.0

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

Table IA-3. Life table for females: Iowa, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.003640	100,000	364	99,658	8,157,053	81.6
1-2	0.000315	99,636	31	99,620	8,057,395	80.9
2-3	0.000209	99,605	21	99,594	7,957,775	79.9
3-4	0.000182	99,584	18	99,575	7,858,181	78.9
4-5	0.000156	99,566	15	99,558	7,758,606	77.9
5-6	0.000096	99,550	10	99,545	7,659,048	76.9
6-7	0.000092	99,541	9	99,536	7,559,502	75.9
7-8	0.000091	99,531	9	99,527	7,459,966	75.0
8-9	0.000090	99,522	9	99,518	7,360,440	74.0
9-10	0.000091	99,513	9	99,509	7,260,922	73.0
10-11	0.000094	99,504	9	99,500	7,161,413	72.0
11-12	0.000103	99,495	10	99,490	7,061,913	71.0
12-13	0.000119	99,485	12	99,479	6,962,423	70.0
13-14	0.000145	99,473	14	99,466	6,862,944	69.0
14-15	0.000178	99,459	18	99,450	6,763,478	68.0
15-16	0.000216	99,441	21	99,430	6,664,028	67.0
16-17	0.000254	99,420	25	99,407	6,564,598	66.0
17-18	0.000287	99,394	29	99,380	6,465,191	65.0
18-19	0.000312	99,366	31	99,350	6,365,811	64.1
19-20	0.000331	99,335	33	99,318	6,266,461	63.1
20-21	0.000346	99,302	34	99,285	6,167,142	62.1
21-22	0.000364	99,268	36	99,249	6,067,858	61.1
22-23	0.000392	99,231	39	99,212	5,968,608	60.1
23-24	0.000435	99,193	43	99,171	5,869,396	59.2
24-25	0.000490	99,149	49	99,125	5,770,225	58.2
25-26	0.000558	99,101	55	99,073	5,671,100	57.2
26-27	0.000623	99,046	62	99,015	5,572,027	56.3
27-28	0.000661	98,984	65	98,951	5,473,012	55.3
28-29	0.000657	98,918	65	98,886	5,374,061	54.3
29-30	0.000625	98,853	62	98,822	5,275,175	53.4
30-31	0.000578	98,792	57	98,763	5,176,353	52.4
31-32	0.000549	98,734	54	98,707	5,077,590	51.4
32-33	0.000571	98,680	56	98,652	4,978,883	50.5
33-34	0.000638	98,624	63	98,592	4,880,231	49.5
34-35	0.000754	98,561	74	98,524	4,781,638	48.5
35-36	0.000884	98,487	87	98,443	4,683,115	47.6
36-37	0.000998	98,400	98	98,350	4,584,672	46.6
37-38	0.001091	98,301	107	98,248	4,486,321	45.6
38-39	0.001157	98,194	114	98,137	4,388,074	44.7
39-40	0.001209	98,080	119	98,021	4,289,936	43.7
40-41	0.001268	97,962	124	97,900	4,191,915	42.8
41-42	0.001349	97,838	132	97,772	4,094,015	41.8
42-43	0.001445	97,706	141	97,635	3,996,244	40.9
43-44	0.001558	97,564	152	97,488	3,898,609	40.0
44-45	0.001687	97,412	164	97,330	3,801,120	39.0
45-46	0.001838	97,248	179	97,159	3,703,790	38.1
46-47	0.002009	97,069	195	96,972	3,606,631	37.2
47-48	0.002188	96,874	212	96,768	3,509,660	36.2
48-49	0.002373	96,662	229	96,548	3,412,891	35.3
49-50	0.002575	96,433	248	96,309	3,316,344	34.4
50-51	0.002781	96,185	268	96,051	3,220,035	33.5
51-52	0.003023	95,917	290	95,772	3,123,984	32.6
52-53	0.003342	95,627	320	95,467	3,028,212	31.7

Table IA-3. Life table for females: Iowa, 2019

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 over age $x$	Expectation of life at age $x$
	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
53-54	0.003739	95,308	356	95,129	2,932,744	30.8
54-55	0.004171	94,951	396	94,753	2,837,615	29.9
55-56	0.004601	94,555	435	94,338	2,742,862	29.0
56-57	0.005003	94,120	471	93,885	2,648,524	28.1
57-58	0.005383	93,649	504	93,397	2,554,639	27.3
58-59	0.005749	93,145	535	92,877	2,461,242	26.4
59-60	0.006124	92,610	567	92,326	2,368,364	25.6
60-61	0.006533	92,043	601	91,742	2,276,038	24.7
61-62	0.006980	91,441	638	91,122	2,184,296	23.9
62-63	0.007459	90,803	677	90,464	2,093,174	23.1
63-64	0.007972	90,126	719	89,767	2,002,710	22.2
64-65	0.008536	89,407	763	89,026	1,912,943	21.4
65-66	0.009147	88,644	811	88,239	1,823,917	20.6
66-67	0.009929	87,833	872	87,397	1,735,679	19.8
67-68	0.010814	86,961	940	86,491	1,648,282	19.0
68-69	0.011886	86,021	1,022	85,510	1,561,791	18.2
69-70	0.013149	84,998	1,118	84,439	1,476,281	17.4
70-71	0.014607	83,881	1,225	83,268	1,391,842	16.6
71-72	0.016230	82,655	1,341	81,985	1,308,574	15.8
72-73	0.017974	81,314	1,462	80,583	1,226,589	15.1
73-74	0.019818	79,852	1,583	79,061	1,146,006	14.4
74-75	0.021816	78,270	1,708	77,416	1,066,944	13.6
75-76	0.023975	76,562	1,836	75,645	989,528	12.9
76-77	0.026511	74,727	1,981	73,736	913,884	12.2
77-78	0.029721	72,746	2,162	71,665	840,148	11.5
78-79	0.033711	70,584	2,379	69,394	768,483	10.9
79-80	0.038265	68,204	2,610	66,899	699,089	10.2
80-81	0.043187	65,594	2,833	64,178	632,190	9.6
81-82	0.048352	62,761	3,035	61,244	568,012	9.1
82-83	0.053702	59,727	3,207	58,123	506,768	8.5
83-84	0.059384	56,519	3,356	54,841	448,645	7.9
84-85	0.065815	53,163	3,499	51,414	393,803	7.4
85-86	0.073743	49,664	3,662	47,833	342,390	6.9
86-87	0.082257	46,002	3,784	44,110	294,557	6.4
87-88	0.092068	42,218	3,887	40,274	250,447	5.9
88-89	0.103421	38,331	3,964	36,349	210,173	5.5
89-90	0.117212	34,367	4,028	32,353	173,824	5.1
90-91	0.132117	30,338	4,008	28,334	141,471	4.7
91-92	0.148405	26,330	3,908	24,376	113,137	4.3
92-93	0.166077	22,423	3,724	20,561	88,760	4.0
93-94	0.185102	18,699	3,461	16,968	68,200	3.6
94-95	0.205412	15,238	3,130	13,673	51,231	3.4
95-96	0.226900	12,108	2,747	10,734	37,559	3.1
96-97	0.249421	9,360	2,335	8,193	26,825	2.9
97-98	0.272791	7,026	1,917	6,067	18,632	2.7
98-99	0.296793	5,109	1,516	4,351	12,564	2.5
99-100	0.321184	3,593	1,154	3,016	8,213	2.3
100 and over	1.000000	2,439	2,439	5,197	5,197	2.1

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