Table IA-1. Life table for the total population: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages x to $x+1$	Number surviving to age x	Number dying between ages x to $x+1$	Person-years lived between ages x to $x+1$	Total number of person-years lived above age x	Expectation of life at age x
x to $x+1$	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00481	100,000	481	99,759	7,875,953	78.76
1-2	0.00076	99,519	76	99,481	7,776,193	78.14
2-3	0.00041	99,443	41	99,423	7,676,712	77.20
3-4	0.00027	99,403	27	99,389	7,577,289	76.23
4-5	0.00020	99,376	20	99,366	7,477,900	75.25
5-6	0.00018	99,356	18	99,347	7,378,534	74.26
6-7	0.00017	99,338	17	99,329	7,279,187	73.28
7-8	0.00017	99,321	17	99,312	7,179,858	72.29
8-9	0.00016	99,304	16	99,296	7,080,545	71.30
9-10	0.00013	99,288	13	99,282	6,981,249	70.31
10-11	0.00010	99,275	10	99,270	6,881,968	69.32
11-12	0.00009	99,265	9	99,260	6,782,697	68.33
12-13	0.00013	99,256	13	99,249	6,683,437	67.34
13-14	0.00023	99,243	23	99,231	6,584,188	66.34
14-15	0.00036	99,220	36	99,202	6,484,957	65.36
15-16	0.00049	99,184	49	99,159	6,385,755	64.38
16-17	0.00058	99,135	58	99,106	6,286,596	63.41
17-18	0.00065	99,077	65	99,045	6,187,489	62.45
18-19	0.00070	99,012	69	98,978	6,088,445	61.49
19-20	0.00074	98,943	73	98,907	5,989,467	60.53
20-21	0.00077	98,870	76	98,832	5,890,560	59.58
21-22	0.00078	98,795	77	98,756	5,791,727	58.62
22-23	0.00078	98,718	77	98,679	5,692,971	57.67
23-24	0.00076	98,641	75	98,603	5,594,292	56.71
24-25	0.00074	98,566	73	98,530	5,495,689	55.76
25-26	0.00071	98,493	70	98,459	5,397,159	54.80
26-27	0.00068	98,424	67	98,390	5,298,700	53.84
27-28	0.00067	98,357	66	98,324	5,200,310	52.87
28-29	0.00068	98,291	67	98,257	5,101,987	51.91
29-30	0.00071	98,224	69	98,189	5,003,729	50.94
30-31	0.00075	98,155	73	98,118	4,905,540	49.98
31-32	0.00079	98,081	78	98,042	4,807,422	49.01
32-33	0.00084	98,004	83	97,962	4,709,380	48.05
33-34	0.00089	97,921	87	97,877	4,611,417	47.09
34-35	0.00094	97,834	92	97,788	4,513,540	46.13
35-36	0.00101	97,741	98	97,692	4,415,752	45.18
36-37	0.00108	97,643	106	97,590	4,318,060	44.22
37-38	0.00117	97,537	114	97,480	4,220,470	43.27
38-39	0.00128	97,423	124	97,361	4,122,990	42.32
39-40	0.00138	97,299	135	97,231	4,025,629	41.37
40-41	0.00150	97,164	146	97,091	3,928,398	40.43
41-42	0.00163	97,018	158	96,939	3,831,307	39.49
42-43	0.00178	96,860	172	96,774	3,734,368	38.55
43-44	0.00194	96,687	187	96,594	3,637,594	37.62
44-45	0.00211	96,500	204	96,398	3,541,001	36.69
45-46	0.00231	96,296	222	96,185	3,444,603	35.77
46-47	0.00252	96,074	242	95,953	3,348,418	34.85
47-48	0.00275	95,831	264	95,700	3,252,465	33.94
48-49	0.00301	95,568	287	95,424	3,156,766	33.03
49-50	0.00329	95,280	313	95,124	3,061,342	32.13
50-51	0.00359	94,967	341	94,797	2,966,218	31.23
51-52	0.00392	94,626	371	94,440	2,871,422	30.34

52-53	0.00429	94,255	404	94,052	2,776,981	29.46
53-54	0.00469	93,850	440	93,630	2,682,929	28.59
54-55	0.00513	93,410	479	93,170	2,589,299	27.72
55-56	0.00561	92,931	521	92,670	2,496,128	26.86
56-57	0.00614	92,409	567	92,126	2,403,459	26.01
57-58	0.00671	91,842	616	91,534	2,311,333	25.17
58-59	0.00735	91,226	670	90,891	2,219,799	24.33
59-60	0.00804	90,556	728	90,192	2,128,908	23.51
60-61	0.00880	89,828	791	89,432	2,038,717	22.70
61-62	0.00964	89,037	858	88,608	1,949,284	21.89
62-63	0.01055	88,179	930	87,714	1,860,676	21.10
63-64	0.01154	87,249	1,007	86,745	1,772,963	20.32
64-65	0.01263	86,241	1,089	85,697	1,686,218	19.55
65-66	0.01382	85,152	1,177	84,564	1,600,521	18.80
66-67	0.01501	83,976	1,260	83,345	1,515,957	18.05
67-68	0.01646	82,715	1,361	82,035	1,432,611	17.32
68-69	0.01805	81,354	1,469	80,620	1,350,577	16.60
69-70	0.01981	79,885	1,583	79,094	1,269,957	15.90
70-71	0.02174	78,303	1,702	77,452	1,190,863	15.21
71-72	0.02385	76,600	1,827	75,687	1,113,411	14.54
72-73	0.02615	74,773	1,955	73,796	1,037,724	13.88
73-74	0.02864	72,818	2,086	71,775	963,929	13.24
74-75	0.03135	70,732	2,218	69,624	892,153	12.61
75-76	0.03429	68,515	2,350	67,340	822,530	12.01
76-77	0.03750	66,165	2,481	64,924	755,190	11.41
77-78	0.04102	63,684	2,612	62,378	690,265	10.84
78-79	0.04487	61,072	2,740	59,702	627,887	10.28
79-80	0.04907	58,332	2,862	56,901	568,186	9.74
80-81	0.05404	55,470	2,997	53,971	511,285	9.22
81-82	0.05920	52,472	3,106	50,919	457,314	8.72
82-83	0.06482	49,366	3,200	47,766	406,395	8.23
83-84	0.07094	46,166	3,275	44,529	358,630	7.77
84-85	0.07758	42,891	3,328	41,227	314,101	7.32
85-86	0.08480	39,564	3,355	37,886	272,874	6.90
86-87	0.09262	36,209	3,354	34,532	234,988	6.49
87-88	0.10109	32,855	3,321	31,194	200,456	6.10
88-89	0.11024	29,533	3,256	27,906	169,262	5.73
89-90	0.12011	26,278	3,156	24,700	141,356	5.38
90-91	0.13074	23,121	3,023	21,610	116,657	5.05
91-92	0.14216	20,099	2,857	18,670	95,047	4.73
92-93	0.15440	17,241	2,662	15,910	76,377	4.43
93-94	0.16750	14,579	2,442	13,358	60,466	4.15
94-95	0.18147	12,137	2,203	11,036	47,108	3.88
95-96	0.19634	9,935	1,951	8,959	36,072	3.63
96-97	0.21211	7,984	1,694	7,137	27,113	3.40
97-98	0.22879	6,291	1,439	5,571	19,975	3.18
98-99	0.24638	4,851	1,195	4,254	14,404	2.97
99-100	0.26487	3,656	968	3,172	10,151	2.78
100-101	0.28423	2,688	764	2,306	6,979	2.60
101-102	0.30442	1,924	586	1,631	4,673	2.43
102-103	0.32540	1,338	435	1,120	3,042	2.27
103-104	0.34711	903	313	746	1,922	2.13
104-105	0.36949	589	218	480	1,175	1.99
105-106	0.39245	372	146	299	695	1.87
106-107	0.41591	226	94	179	396	1.76
107-108	0.43977	132	58	103	217	1.65
108-109	0.46391	74	34	57	115	1.55
109-110	0.48823	40	19	30	58	1.46

Table IA-2. Life table for males: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00653	100,000	653	99,674	7,611,149	76.11
1-2	0.00065	99,347	64	99,315	7,511,475	75.61
2-3	0.00041	99,283	40	99,263	7,412,159	74.66
3-4	0.00029	99,243	28	99,229	7,312,896	73.69
4-5	0.00023	99,215	23	99,203	7,213,668	72.71
5-6	0.00021	99,192	21	99,181	7,114,464	71.72
6-7	0.00021	99,170	21	99,160	7,015,283	70.74
7-8	0.00020	99,150	20	99,140	6,916,123	69.75
8-9	0.00017	99,130	17	99,121	6,816,984	68.77
9-10	0.00012	99,113	12	99,107	6,717,862	67.78
10-11	0.00008	99,101	8	99,097	6,618,755	66.79
11-12	0.00006	99,093	6	99,090	6,519,658	65.79
12-13	0.00012	99,087	12	99,081	6,420,568	64.80
13-14	0.00027	99,075	26	99,062	6,321,487	63.80
14-15	0.00046	99,049	46	99,026	6,222,425	62.82
15-16	0.00064	99,003	63	98,971	6,123,399	61.85
16-17	0.00077	98,940	76	98,901	6,024,428	60.89
17-18	0.00087	98,863	86	98,821	5,925,526	59.94
18-19	0.00094	98,778	93	98,731	5,826,705	58.99
19-20	0.00102	98,685	101	98,634	5,727,974	58.04
20-21	0.00109	98,583	108	98,530	5,629,340	57.10
21-22	0.00113	98,476	111	98,420	5,530,811	56.16
22-23	0.00113	98,364	111	98,309	5,432,391	55.23
23-24	0.00111	98,253	109	98,198	5,334,082	54.29
24-25	0.00108	98,144	106	98,091	5,235,884	53.35
25-26	0.00104	98,038	102	97,987	5,137,793	52.41
26-27	0.00100	97,936	98	97,887	5,039,806	51.46
27-28	0.00097	97,838	95	97,791	4,941,919	50.51
28-29	0.00095	97,743	93	97,697	4,844,128	49.56
29-30	0.00094	97,651	92	97,605	4,746,431	48.61
30-31	0.00095	97,558	93	97,512	4,648,826	47.65
31-32	0.00098	97,465	95	97,418	4,551,314	46.70
32-33	0.00102	97,370	99	97,320	4,453,897	45.74
33-34	0.00108	97,270	105	97,218	4,356,577	44.79
34-35	0.00115	97,166	111	97,110	4,259,358	43.84
35-36	0.00123	97,055	119	96,995	4,162,248	42.89
36-37	0.00133	96,935	129	96,871	4,065,253	41.94
37-38	0.00144	96,807	139	96,737	3,968,382	40.99
38-39	0.00156	96,668	151	96,592	3,871,645	40.05
39-40	0.00170	96,517	164	96,434	3,775,053	39.11
40-41	0.00186	96,352	179	96,263	3,678,619	38.18
41-42	0.00203	96,173	195	96,076	3,582,356	37.25
42-43	0.00222	95,978	213	95,872	3,486,280	36.32
43-44	0.00242	95,765	232	95,649	3,390,408	35.40

44-45	0.00265	95,533	253	95,407	3,294,759	34.49
45-46	0.00290	95,280	276	95,142	3,199,353	33.58
46-47	0.00317	95,004	301	94,853	3,104,211	32.67
47-48	0.00347	94,702	329	94,538	3,009,358	31.78
48-49	0.00380	94,374	358	94,194	2,914,820	30.89
49-50	0.00415	94,015	391	93,820	2,820,625	30.00
50-51	0.00455	93,625	426	93,412	2,726,805	29.12
51-52	0.00497	93,199	463	92,967	2,633,393	28.26
52-53	0.00544	92,736	505	92,483	2,540,426	27.39
53-54	0.00595	92,231	549	91,957	2,447,942	26.54
54-55	0.00651	91,682	597	91,384	2,355,986	25.70
55-56	0.00712	91,085	649	90,761	2,264,602	24.86
56-57	0.00779	90,437	705	90,084	2,173,841	24.04
57-58	0.00852	89,732	765	89,350	2,083,757	23.22
58-59	0.00932	88,967	829	88,553	1,994,407	22.42
59-60	0.01019	88,138	898	87,689	1,905,854	21.62
60-61	0.01115	87,240	972	86,754	1,818,165	20.84
61-62	0.01219	86,268	1,051	85,742	1,731,411	20.07
62-63	0.01332	85,216	1,135	84,649	1,645,669	19.31
63-64	0.01457	84,081	1,225	83,469	1,561,021	18.57
64-65	0.01592	82,856	1,319	82,197	1,477,552	17.83
65-66	0.01740	81,537	1,419	80,828	1,395,355	17.11
66-67	0.01878	80,118	1,504	79,366	1,314,528	16.41
67-68	0.02059	78,614	1,618	77,805	1,235,162	15.71
68-69	0.02256	76,995	1,737	76,127	1,157,357	15.03
69-70	0.02473	75,258	1,861	74,328	1,081,230	14.37
70-71	0.02710	73,397	1,989	72,403	1,006,903	13.72
71-72	0.02968	71,408	2,119	70,349	934,500	13.09
72-73	0.03250	69,289	2,252	68,163	864,152	12.47
73-74	0.03559	67,037	2,386	65,844	795,989	11.87
74-75	0.03895	64,651	2,518	63,392	730,145	11.29
75-76	0.04262	62,133	2,648	60,809	666,753	10.73
76-77	0.04661	59,485	2,773	58,098	605,944	10.19
77-78	0.05097	56,712	2,890	55,267	547,846	9.66
78-79	0.05570	53,822	2,998	52,323	492,579	9.15
79-80	0.06084	50,824	3,092	49,278	440,257	8.66
80-81	0.06643	47,732	3,171	46,146	390,979	8.19
81-82	0.07249	44,561	3,230	42,946	344,833	7.74
82-83	0.07905	41,331	3,267	39,697	301,887	7.30
83-84	0.08616	38,063	3,279	36,424	262,190	6.89
84-85	0.09384	34,784	3,264	33,152	225,766	6.49
85-86	0.10212	31,520	3,219	29,910	192,615	6.11
86-87	0.11105	28,301	3,143	26,730	162,704	5.75
87-88	0.12065	25,158	3,035	23,640	135,975	5.40
88-89	0.13097	22,123	2,897	20,674	112,334	5.08
89-90	0.14202	19,225	2,730	17,860	91,660	4.77
90-91	0.15383	16,495	2,538	15,226	73,800	4.47
91-92	0.16645	13,958	2,323	12,796	58,574	4.20
92-93	0.17987	11,634	2,093	10,588	45,778	3.93
93-94	0.19413	9,542	1,852	8,616	35,190	3.69
94-95	0.20922	7,689	1,609	6,885	26,574	3.46
95-96	0.22517	6,081	1,369	5,396	19,689	3.24
96-97	0.24195	4,711	1,140	4,141	14,293	3.03

97-98	0.25957	3,572	927	3,108	10,152	2.84
98-99	0.27800	2,644	735	2,277	7,044	2.66
99-100	0.29722	1,909	567	1,626	4,767	2.50
100-101	0.31717	1,342	426	1,129	3,141	2.34
101-102	0.33783	916	310	761	2,012	2.20
102-103	0.35912	607	218	498	1,251	2.06
103-104	0.38098	389	148	315	753	1.94
104-105	0.40334	241	97	192	438	1.82
105-106	0.42611	144	61	113	246	1.71
106-107	0.44919	82	37	64	133	1.61
107-108	0.47249	45	21	35	69	1.52
108-109	0.49591	24	12	18	34	1.44
109-110	0.51936	12	6	9	16	1.36

Table IA-3. Life table for females: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00360	100,000	360	99,820	8,139,133	81.39
1-2	0.00088	99,640	88	99,596	8,039,313	80.68
2-3	0.00041	99,553	41	99,532	7,939,717	79.75
3-4	0.00025	99,511	25	99,499	7,840,185	78.79
4-5	0.00018	99,486	18	99,478	7,740,686	77.81
5-6	0.00014	99,469	14	99,462	7,641,208	76.82
6-7	0.00013	99,455	13	99,448	7,541,746	75.83
7-8	0.00013	99,442	13	99,435	7,442,298	74.84
8-9	0.00015	99,428	15	99,421	7,342,863	73.85
9-10	0.00013	99,413	13	99,407	7,243,442	72.86
10-11	0.00013	99,400	13	99,393	7,144,035	71.87
11-12	0.00013	99,387	13	99,380	7,044,642	70.88
12-13	0.00014	99,374	14	99,367	6,945,261	69.89
13-14	0.00019	99,360	19	99,350	6,845,895	68.90
14-15	0.00026	99,341	26	99,328	6,746,545	67.91
15-16	0.00033	99,315	33	99,298	6,647,217	66.93
16-17	0.00039	99,282	39	99,263	6,547,918	65.95
17-18	0.00043	99,243	43	99,222	6,448,656	64.98
18-19	0.00044	99,200	44	99,178	6,349,434	64.01
19-20	0.00044	99,156	43	99,135	6,250,256	63.03
20-21	0.00042	99,113	42	99,092	6,151,121	62.06
21-22	0.00042	99,071	41	99,051	6,052,029	61.09
22-23	0.00041	99,030	40	99,010	5,952,978	60.11
23-24	0.00039	98,990	39	98,970	5,853,968	59.14
24-25	0.00038	98,951	38	98,932	5,754,998	58.16
25-26	0.00036	98,913	36	98,895	5,656,066	57.18
26-27	0.00035	98,877	35	98,860	5,557,170	56.20
27-28	0.00036	98,843	36	98,825	5,458,310	55.22
28-29	0.00040	98,807	39	98,787	5,359,486	54.24
29-30	0.00046	98,767	45	98,745	5,260,699	53.26
30-31	0.00053	98,722	52	98,696	5,161,954	52.29
31-32	0.00060	98,670	59	98,640	5,063,258	51.32
32-33	0.00066	98,611	65	98,579	4,964,618	50.35
33-34	0.00070	98,546	69	98,512	4,866,039	49.38
34-35	0.00074	98,477	73	98,441	4,767,527	48.41
35-36	0.00078	98,404	77	98,366	4,669,087	47.45
36-37	0.00084	98,327	83	98,286	4,570,721	46.48
37-38	0.00091	98,245	89	98,200	4,472,435	45.52
38-39	0.00099	98,156	97	98,107	4,374,234	44.56
39-40	0.00107	98,058	104	98,006	4,276,127	43.61
40-41	0.00115	97,954	112	97,898	4,178,121	42.65
41-42	0.00124	97,842	121	97,781	4,080,223	41.70
42-43	0.00134	97,720	131	97,655	3,982,442	40.75
43-44	0.00145	97,589	142	97,519	3,884,787	39.81

44-45	0.00157	97,448	153	97,371	3,787,269	38.86
45-46	0.00171	97,295	166	97,212	3,689,897	37.92
46-47	0.00186	97,129	180	97,038	3,592,686	36.99
47-48	0.00202	96,948	196	96,850	3,495,647	36.06
48-49	0.00220	96,753	213	96,646	3,398,797	35.13
49-50	0.00240	96,540	232	96,424	3,302,151	34.21
50-51	0.00262	96,308	252	96,182	3,205,727	33.29
51-52	0.00287	96,055	275	95,918	3,109,545	32.37
52-53	0.00313	95,780	300	95,630	3,013,628	31.46
53-54	0.00343	95,480	328	95,316	2,917,998	30.56
54-55	0.00376	95,152	358	94,973	2,822,682	29.66
55-56	0.00412	94,794	391	94,599	2,727,709	28.78
56-57	0.00452	94,403	427	94,190	2,633,110	27.89
57-58	0.00497	93,976	467	93,743	2,538,920	27.02
58-59	0.00545	93,510	510	93,255	2,445,177	26.15
59-60	0.00599	93,000	557	92,721	2,351,922	25.29
60-61	0.00659	92,442	609	92,138	2,259,201	24.44
61-62	0.00725	91,833	666	91,500	2,167,064	23.60
62-63	0.00797	91,168	727	90,804	2,075,563	22.77
63-64	0.00878	90,441	794	90,044	1,984,759	21.95
64-65	0.00966	89,647	866	89,214	1,894,715	21.14
65-66	0.01064	88,781	944	88,309	1,805,502	20.34
66-67	0.01171	87,837	1,029	87,322	1,717,193	19.55
67-68	0.01290	86,808	1,120	86,247	1,629,871	18.78
68-69	0.01422	85,687	1,218	85,078	1,543,623	18.01
69-70	0.01566	84,469	1,323	83,808	1,458,545	17.27
70-71	0.01726	83,146	1,435	82,429	1,374,737	16.53
71-72	0.01901	81,712	1,554	80,935	1,292,308	15.82
72-73	0.02095	80,158	1,679	79,318	1,211,373	15.11
73-74	0.02308	78,479	1,811	77,573	1,132,055	14.42
74-75	0.02543	76,667	1,949	75,693	1,054,482	13.75
75-76	0.02801	74,718	2,093	73,672	978,789	13.10
76-77	0.03085	72,625	2,240	71,505	905,118	12.46
77-78	0.03397	70,385	2,391	69,189	833,613	11.84
78-79	0.03740	67,994	2,543	66,722	764,424	11.24
79-80	0.04116	65,451	2,694	64,104	697,702	10.66
80-81	0.04529	62,757	2,842	61,335	633,598	10.10
81-82	0.04982	59,914	2,985	58,422	572,263	9.55
82-83	0.05477	56,930	3,118	55,371	513,841	9.03
83-84	0.06019	53,812	3,239	52,192	458,470	8.52
84-85	0.06611	50,573	3,343	48,901	406,278	8.03
85-86	0.07257	47,230	3,427	45,516	357,377	7.57
86-87	0.07961	43,802	3,487	42,058	311,861	7.12
87-88	0.08728	40,315	3,519	38,556	269,803	6.69
88-89	0.09561	36,796	3,518	35,037	231,247	6.28
89-90	0.10465	33,278	3,482	31,537	196,210	5.90
90-91	0.11443	29,796	3,410	28,091	164,673	5.53
91-92	0.12501	26,386	3,299	24,737	136,582	5.18
92-93	0.13642	23,087	3,150	21,513	111,845	4.84
93-94	0.14870	19,938	2,965	18,455	90,333	4.53
94-95	0.16187	16,973	2,748	15,599	71,877	4.23
95-96	0.17598	14,226	2,503	12,974	56,278	3.96
96-97	0.19104	11,722	2,239	10,602	43,304	3.69

97-98	0.20706	9,483	1,964	8,501	32,702	3.45
98-99	0.22406	7,519	1,685	6,677	24,201	3.22
99-100	0.24203	5,834	1,412	5,128	17,524	3.00
100-101	0.26096	4,422	1,154	3,845	12,395	2.80
101-102	0.28083	3,268	918	2,809	8,550	2.62
102-103	0.30159	2,350	709	1,996	5,741	2.44
103-104	0.32320	1,642	531	1,376	3,745	2.28
104-105	0.34560	1,111	384	919	2,368	2.13
105-106	0.36870	727	268	593	1,449	1.99
106-107	0.39242	459	180	369	856	1.87
107-108	0.41666	279	116	221	487	1.75
108-109	0.44132	163	72	127	267	1.64
109-110	0.46626	91	42	70	140	1.54

Table IA-4. Life table for the white population: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00554	100,000	554	99,723	7,877,018	78.77
1-2	0.00044	99,446	43	99,425	7,777,295	78.21
2-3	0.00031	99,403	31	99,387	7,677,870	77.24
3-4	0.00023	99,372	23	99,360	7,578,483	76.26
4-5	0.00020	99,349	20	99,339	7,479,122	75.28
5-6	0.00019	99,329	19	99,319	7,379,783	74.30
6-7	0.00019	99,310	19	99,301	7,280,464	73.31
7-8	0.00018	99,291	18	99,282	7,181,163	72.32
8-9	0.00016	99,273	16	99,265	7,081,881	71.34
9-10	0.00013	99,257	13	99,250	6,982,616	70.35
10-11	0.00010	99,243	10	99,238	6,883,367	69.36
11-12	0.00009	99,233	9	99,229	6,784,128	68.37
12-13	0.00013	99,225	13	99,218	6,684,899	67.37
13-14	0.00022	99,212	22	99,201	6,585,681	66.38
14-15	0.00036	99,190	35	99,172	6,486,480	65.39
15-16	0.00050	99,154	50	99,129	6,387,308	64.42
16-17	0.00062	99,104	62	99,074	6,288,179	63.45
17-18	0.00071	99,043	70	99,008	6,189,105	62.49
18-19	0.00074	98,973	73	98,936	6,090,098	61.53
19-20	0.00073	98,900	72	98,864	5,991,161	60.58
20-21	0.00071	98,827	71	98,792	5,892,298	59.62
21-22	0.00071	98,757	70	98,722	5,793,506	58.66
22-23	0.00069	98,687	69	98,653	5,694,784	57.71
23-24	0.00069	98,619	68	98,585	5,596,130	56.75
24-25	0.00068	98,551	67	98,518	5,497,546	55.78
25-26	0.00068	98,484	67	98,451	5,399,028	54.82
26-27	0.00067	98,418	66	98,384	5,300,577	53.86
27-28	0.00068	98,351	66	98,318	5,202,193	52.89
28-29	0.00069	98,285	67	98,251	5,103,875	51.93
29-30	0.00070	98,217	69	98,183	5,005,624	50.96
30-31	0.00073	98,148	71	98,113	4,907,441	50.00
31-32	0.00076	98,077	74	98,040	4,809,328	49.04
32-33	0.00081	98,002	79	97,963	4,711,289	48.07
33-34	0.00087	97,923	86	97,880	4,613,326	47.11
34-35	0.00095	97,837	93	97,791	4,515,446	46.15
35-36	0.00102	97,745	100	97,695	4,417,654	45.20
36-37	0.00110	97,645	107	97,591	4,319,960	44.24
37-38	0.00118	97,538	115	97,480	4,222,368	43.29
38-39	0.00126	97,423	123	97,362	4,124,888	42.34
39-40	0.00136	97,300	132	97,234	4,027,526	41.39
40-41	0.00148	97,168	144	97,096	3,930,292	40.45
41-42	0.00161	97,024	156	96,946	3,833,196	39.51
42-43	0.00176	96,868	170	96,783	3,736,250	38.57
43-44	0.00192	96,698	185	96,605	3,639,467	37.64
44-45	0.00210	96,512	202	96,411	3,542,862	36.71
45-46	0.00229	96,310	221	96,200	3,446,451	35.78
46-47	0.00251	96,089	241	95,969	3,350,251	34.87
47-48	0.00274	95,849	263	95,717	3,254,282	33.95
48-49	0.00300	95,586	287	95,443	3,158,565	33.04
49-50	0.00328	95,299	312	95,143	3,063,122	32.14
50-51	0.00358	94,987	340	94,817	2,967,979	31.25
51-52	0.00392	94,646	371	94,461	2,873,162	30.36

52-53	0.00429	94,275	404	94,073	2,778,702	29.47
53-54	0.00469	93,871	440	93,651	2,684,628	28.60
54-55	0.00513	93,431	479	93,191	2,590,977	27.73
55-56	0.00561	92,952	521	92,691	2,497,786	26.87
56-57	0.00613	92,431	567	92,147	2,405,095	26.02
57-58	0.00670	91,864	616	91,556	2,312,947	25.18
58-59	0.00733	91,248	669	90,914	2,221,392	24.34
59-60	0.00802	90,579	727	90,216	2,130,478	23.52
60-61	0.00877	89,853	788	89,458	2,040,262	22.71
61-62	0.00960	89,064	855	88,637	1,950,804	21.90
62-63	0.01050	88,209	926	87,746	1,862,167	21.11
63-64	0.01147	87,283	1,001	86,783	1,774,421	20.33
64-65	0.01254	86,282	1,082	85,741	1,687,638	19.56
65-66	0.01370	85,200	1,167	84,617	1,601,897	18.80
66-67	0.01488	84,033	1,250	83,408	1,517,281	18.06
67-68	0.01633	82,783	1,352	82,107	1,433,872	17.32
68-69	0.01792	81,431	1,459	80,702	1,351,765	16.60
69-70	0.01967	79,972	1,573	79,185	1,271,064	15.89
70-71	0.02160	78,399	1,693	77,552	1,191,878	15.20
71-72	0.02371	76,705	1,819	75,796	1,114,326	14.53
72-73	0.02601	74,887	1,948	73,913	1,038,530	13.87
73-74	0.02851	72,939	2,080	71,899	964,618	13.23
74-75	0.03123	70,859	2,213	69,753	892,719	12.60
75-76	0.03418	68,646	2,346	67,473	822,966	11.99
76-77	0.03741	66,300	2,480	65,060	755,493	11.40
77-78	0.04094	63,820	2,613	62,514	690,433	10.82
78-79	0.04481	61,207	2,743	59,836	627,919	10.26
79-80	0.04904	58,464	2,867	57,031	568,084	9.72
80-81	0.05404	55,597	3,005	54,095	511,053	9.19
81-82	0.05924	52,593	3,116	51,035	456,958	8.69
82-83	0.06491	49,477	3,211	47,871	405,923	8.20
83-84	0.07108	46,266	3,289	44,621	358,051	7.74
84-85	0.07779	42,977	3,343	41,306	313,430	7.29
85-86	0.08508	39,634	3,372	37,948	272,124	6.87
86-87	0.09299	36,262	3,372	34,576	234,177	6.46
87-88	0.10155	32,890	3,340	31,220	199,601	6.07
88-89	0.11081	29,550	3,275	27,912	168,381	5.70
89-90	0.12081	26,275	3,174	24,688	140,469	5.35
90-91	0.13157	23,101	3,039	21,581	115,780	5.01
91-92	0.14315	20,062	2,872	18,626	94,199	4.70
92-93	0.15556	17,190	2,674	15,853	75,574	4.40
93-94	0.16884	14,516	2,451	13,290	59,721	4.11
94-95	0.18301	12,065	2,208	10,961	46,430	3.85
95=96	0.19810	9,857	1,953	8,881	35,469	3.60
96-97	0.21410	7,904	1,692	7,058	26,589	3.36
97-98	0.23104	6,212	1,435	5,494	19,530	3.14
98-99	0.24889	4,777	1,189	4,182	14,036	2.94
99-100	0.26766	3,588	960	3,108	9,854	2.75
100-101	0.28730	2,628	755	2,250	6,746	2.57
101-102	0.30778	1,873	576	1,584	4,496	2.40
102-103	0.32907	1,296	427	1,083	2,911	2.25
103-104	0.35108	870	305	717	1,828	2.10
104-105	0.37376	564	211	459	1,111	1.97
105-106	0.39701	353	140	283	652	1.85
106-107	0.42075	213	90	168	369	1.73
107-108	0.44488	123	55	96	201	1.63
108-109	0.46927	69	32	52	105	1.53
109-110	0.49382	36	18	27	52	1.44

Table IA-5. Life table for white males: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00622	100,000	622	99,689	7,619,184	76.19
1-2	0.00056	99,378	55	99,351	7,519,495	75.67
2-3	0.00041	99,323	41	99,302	7,420,145	74.71
3-4	0.00029	99,282	29	99,267	7,320,842	73.74
4-5	0.00023	99,253	23	99,242	7,221,575	72.76
5-6	0.00021	99,230	21	99,219	7,122,333	71.78
6-7	0.00021	99,209	21	99,198	7,023,114	70.79
7-8	0.00020	99,188	20	99,178	6,923,915	69.81
8-9	0.00017	99,168	17	99,160	6,824,737	68.82
9-10	0.00012	99,152	12	99,146	6,725,577	67.83
10-11	0.00007	99,140	7	99,136	6,626,431	66.84
11-12	0.00006	99,132	6	99,129	6,527,295	65.84
12-13	0.00012	99,126	12	99,121	6,428,166	64.85
13-14	0.00026	99,115	26	99,102	6,329,045	63.86
14-15	0.00046	99,089	46	99,066	6,229,943	62.87
15-16	0.00068	99,043	67	99,010	6,130,878	61.90
16-17	0.00086	98,976	85	98,934	6,031,868	60.94
17-18	0.00099	98,891	97	98,842	5,932,934	59.99
18-19	0.00103	98,794	102	98,743	5,834,092	59.05
19-20	0.00102	98,691	101	98,641	5,735,350	58.11
20-21	0.00099	98,591	98	98,542	5,636,709	57.17
21-22	0.00098	98,493	96	98,444	5,538,167	56.23
22-23	0.00096	98,396	95	98,349	5,439,723	55.28
23-24	0.00096	98,301	94	98,254	5,341,374	54.34
24-25	0.00096	98,207	94	98,160	5,243,120	53.39
25-26	0.00097	98,113	95	98,065	5,144,960	52.44
26-27	0.00097	98,018	95	97,970	5,046,894	51.49
27-28	0.00096	97,923	94	97,876	4,948,924	50.54
28-29	0.00094	97,829	92	97,782	4,851,048	49.59
29-30	0.00093	97,736	91	97,691	4,753,266	48.63
30-31	0.00092	97,646	89	97,601	4,655,575	47.68
31-32	0.00093	97,556	90	97,511	4,557,974	46.72
32-33	0.00098	97,466	96	97,418	4,460,463	45.76
33-34	0.00107	97,370	104	97,318	4,363,045	44.81
34-35	0.00118	97,266	115	97,208	4,265,727	43.86
35-36	0.00128	97,151	125	97,089	4,168,519	42.91
36-37	0.00138	97,026	134	96,959	4,071,430	41.96
37-38	0.00148	96,892	143	96,820	3,974,471	41.02
38-39	0.00158	96,749	153	96,672	3,877,650	40.08
39-40	0.00170	96,595	165	96,513	3,780,978	39.14
40-41	0.00185	96,431	178	96,342	3,684,465	38.21
41-42	0.00202	96,253	194	96,155	3,588,124	37.28
42-43	0.00221	96,058	212	95,952	3,491,968	36.35
43-44	0.00241	95,846	231	95,731	3,396,016	35.43
44-45	0.00264	95,615	252	95,489	3,300,285	34.52
45-46	0.00289	95,363	275	95,225	3,204,796	33.61
46-47	0.00316	95,087	300	94,937	3,109,571	32.70
47-48	0.00346	94,787	328	94,623	3,014,634	31.80
48-49	0.00378	94,459	357	94,281	2,920,011	30.91
49-50	0.00414	94,102	389	93,908	2,825,730	30.03
50-51	0.00453	93,713	424	93,501	2,731,823	29.15
51-52	0.00495	93,289	462	93,058	2,638,322	28.28

52-53	0.00542	92,827	503	92,576	2,545,263	27.42
53-54	0.00592	92,324	547	92,051	2,452,688	26.57
54-55	0.00648	91,777	595	91,480	2,360,637	25.72
55-56	0.00709	91,183	646	90,859	2,269,157	24.89
56-57	0.00775	90,536	702	90,185	2,178,297	24.06
57-58	0.00848	89,834	762	89,453	2,088,112	23.24
58-59	0.00928	89,072	826	88,659	1,998,659	22.44
59-60	0.01014	88,246	895	87,799	1,910,000	21.64
60-61	0.01109	87,351	969	86,867	1,822,201	20.86
61-62	0.01213	86,382	1,048	85,858	1,735,335	20.09
62-63	0.01326	85,335	1,131	84,769	1,649,476	19.33
63-64	0.01449	84,203	1,220	83,593	1,564,707	18.58
64-65	0.01584	82,983	1,315	82,326	1,481,114	17.85
65-66	0.01731	81,668	1,414	80,961	1,398,789	17.13
66-67	0.01865	80,254	1,497	79,506	1,317,827	16.42
67-68	0.02046	78,758	1,611	77,952	1,238,321	15.72
68-69	0.02243	77,147	1,731	76,281	1,160,369	15.04
69-70	0.02459	75,416	1,855	74,489	1,084,088	14.37
70-71	0.02696	73,561	1,983	72,570	1,009,599	13.72
71-72	0.02954	71,578	2,115	70,521	937,029	13.09
72-73	0.03237	69,463	2,249	68,339	866,508	12.47
73-74	0.03546	67,215	2,383	66,023	798,169	11.87
74-75	0.03882	64,832	2,517	63,573	732,146	11.29
75-76	0.04250	62,315	2,648	60,991	668,573	10.73
76-77	0.04650	59,667	2,775	58,279	607,582	10.18
77-78	0.05086	56,892	2,894	55,445	549,303	9.66
78-79	0.05561	53,998	3,003	52,497	493,858	9.15
79-80	0.06077	50,995	3,099	49,446	441,361	8.65
80-81	0.06638	47,896	3,179	46,307	391,915	8.18
81-82	0.07246	44,717	3,240	43,097	345,608	7.73
82-83	0.07906	41,477	3,279	39,837	302,512	7.29
83-84	0.08620	38,197	3,293	36,551	262,675	6.88
84-85	0.09392	34,905	3,278	33,266	226,123	6.48
85-86	0.10225	31,627	3,234	30,010	192,858	6.10
86-87	0.11123	28,393	3,158	26,814	162,848	5.74
87-88	0.12089	25,235	3,051	23,709	136,034	5.39
88-89	0.13127	22,184	2,912	20,728	112,325	5.06
89-90	0.14240	19,272	2,744	17,900	91,597	4.75
90-91	0.15430	16,528	2,550	15,252	73,697	4.46
91-92	0.16700	13,977	2,334	12,810	58,445	4.18
92-93	0.18053	11,643	2,102	10,592	45,634	3.92
93-94	0.19489	9,541	1,859	8,611	35,042	3.67
94-95	0.21010	7,682	1,614	6,875	26,431	3.44
95=96	0.22617	6,068	1,372	5,382	19,556	3.22
96-97	0.24309	4,695	1,141	4,125	14,174	3.02
97-98	0.26085	3,554	927	3,090	10,050	2.83
98-99	0.27942	2,627	734	2,260	6,959	2.65
99-100	0.29879	1,893	566	1,610	4,699	2.48
100-101	0.31890	1,327	423	1,116	3,089	2.33
101-102	0.33971	904	307	751	1,973	2.18
102-103	0.36115	597	216	489	1,223	2.05
103-104	0.38317	381	146	308	734	1.92
104-105	0.40567	235	95	188	425	1.81
105-106	0.42858	140	60	110	238	1.70
106-107	0.45180	80	36	62	128	1.60
107-108	0.47523	44	21	33	66	1.51
108-109	0.49877	23	11	17	33	1.43
109-110	0.52232	12	6	9	16	1.35

Table IA-6. Life table for white females: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00505	100,000	505	99,747	8,134,889	81.35
1-2	0.00031	99,495	31	99,479	8,035,142	80.76
2-3	0.00020	99,463	20	99,453	7,935,663	79.78
3-4	0.00017	99,443	17	99,435	7,836,209	78.80
4-5	0.00017	99,426	16	99,418	7,736,775	77.81
5-6	0.00017	99,410	17	99,401	7,637,357	76.83
6-7	0.00017	99,393	17	99,385	7,537,955	75.84
7-8	0.00017	99,376	17	99,368	7,438,571	74.85
8-9	0.00016	99,359	16	99,351	7,339,203	73.87
9-10	0.00014	99,343	14	99,336	7,239,851	72.88
10-11	0.00013	99,329	13	99,323	7,140,515	71.89
11-12	0.00012	99,316	12	99,310	7,041,192	70.90
12-13	0.00014	99,304	14	99,298	6,941,882	69.91
13-14	0.00018	99,291	18	99,281	6,842,585	68.91
14-15	0.00025	99,272	25	99,260	6,743,303	67.93
15-16	0.00032	99,248	31	99,232	6,644,043	66.94
16-17	0.00037	99,216	37	99,198	6,544,811	65.97
17-18	0.00041	99,179	41	99,158	6,445,614	64.99
18-19	0.00043	99,138	43	99,117	6,346,455	64.02
19-20	0.00043	99,095	42	99,074	6,247,339	63.04
20-21	0.00042	99,053	42	99,032	6,148,264	62.07
21-22	0.00042	99,011	42	98,990	6,049,232	61.10
22-23	0.00042	98,969	41	98,949	5,950,242	60.12
23-24	0.00040	98,928	40	98,908	5,851,293	59.15
24-25	0.00039	98,888	39	98,869	5,752,385	58.17
25-26	0.00037	98,850	37	98,831	5,653,516	57.19
26-27	0.00037	98,813	36	98,795	5,554,685	56.21
27-28	0.00038	98,777	38	98,758	5,455,891	55.23
28-29	0.00042	98,739	41	98,718	5,357,133	54.26
29-30	0.00047	98,698	47	98,674	5,258,414	53.28
30-31	0.00053	98,651	52	98,625	5,159,740	52.30
31-32	0.00058	98,598	58	98,570	5,061,116	51.33
32-33	0.00063	98,541	62	98,510	4,962,546	50.36
33-34	0.00067	98,479	66	98,446	4,864,036	49.39
34-35	0.00071	98,412	70	98,377	4,765,590	48.42
35-36	0.00076	98,342	75	98,305	4,667,213	47.46
36-37	0.00081	98,268	80	98,228	4,568,908	46.49
37-38	0.00087	98,188	86	98,145	4,470,681	45.53
38-39	0.00094	98,102	92	98,056	4,372,536	44.57
39-40	0.00102	98,010	100	97,960	4,274,480	43.61
40-41	0.00111	97,910	109	97,855	4,176,520	42.66
41-42	0.00120	97,801	118	97,742	4,078,665	41.70
42-43	0.00131	97,684	128	97,620	3,980,922	40.75
43-44	0.00142	97,556	139	97,487	3,883,302	39.81
44-45	0.00155	97,417	151	97,342	3,785,816	38.86
45-46	0.00169	97,267	164	97,185	3,688,474	37.92
46-47	0.00184	97,103	179	97,013	3,591,289	36.98
47-48	0.00201	96,924	195	96,827	3,494,275	36.05
48-49	0.00220	96,729	212	96,623	3,397,449	35.12
49-50	0.00240	96,517	232	96,401	3,300,826	34.20
50-51	0.00263	96,285	253	96,158	3,204,425	33.28
51-52	0.00288	96,032	276	95,894	3,108,267	32.37

52-53	0.00315	95,756	302	95,605	3,012,373	31.46
53-54	0.00345	95,454	330	95,289	2,916,768	30.56
54-55	0.00378	95,124	360	94,944	2,821,479	29.66
55-56	0.00415	94,764	393	94,568	2,726,535	28.77
56-57	0.00455	94,371	429	94,157	2,631,967	27.89
57-58	0.00499	93,942	469	93,708	2,537,810	27.01
58-59	0.00547	93,474	511	93,218	2,444,102	26.15
59-60	0.00600	92,962	558	92,683	2,350,884	25.29
60-61	0.00659	92,404	609	92,100	2,258,201	24.44
61-62	0.00723	91,795	663	91,464	2,166,102	23.60
62-63	0.00793	91,132	723	90,770	2,074,638	22.77
63-64	0.00870	90,409	787	90,016	1,983,868	21.94
64-65	0.00955	89,622	856	89,194	1,893,852	21.13
65-66	0.01048	88,766	931	88,301	1,804,658	20.33
66-67	0.01158	87,835	1,017	87,327	1,716,358	19.54
67-68	0.01277	86,818	1,108	86,264	1,629,031	18.76
68-69	0.01408	85,710	1,206	85,106	1,542,767	18.00
69-70	0.01552	84,503	1,312	83,847	1,457,661	17.25
70-71	0.01712	83,192	1,424	82,480	1,373,813	16.51
71-72	0.01888	81,768	1,543	80,996	1,291,334	15.79
72-73	0.02081	80,224	1,670	79,389	1,210,338	15.09
73-74	0.02295	78,554	1,803	77,653	1,130,948	14.40
74-75	0.02531	76,751	1,943	75,780	1,053,295	13.72
75-76	0.02791	74,809	2,088	73,765	977,515	13.07
76-77	0.03076	72,721	2,237	71,603	903,750	12.43
77-78	0.03391	70,484	2,390	69,289	832,148	11.81
78-79	0.03736	68,094	2,544	66,822	762,858	11.20
79-80	0.04116	65,550	2,698	64,201	696,036	10.62
80-81	0.04533	62,852	2,849	61,428	631,835	10.05
81-82	0.04990	60,003	2,994	58,506	570,407	9.51
82-83	0.05491	57,009	3,131	55,444	511,901	8.98
83-84	0.06040	53,878	3,254	52,251	456,458	8.47
84-85	0.06640	50,624	3,362	48,943	404,207	7.98
85-86	0.07296	47,263	3,448	45,538	355,263	7.52
86-87	0.08011	43,814	3,510	42,060	309,725	7.07
87-88	0.08789	40,305	3,543	38,533	267,665	6.64
88-89	0.09636	36,762	3,543	34,991	229,132	6.23
89-90	0.10556	33,220	3,507	31,466	194,141	5.84
90-91	0.11552	29,713	3,432	27,997	162,675	5.47
91-92	0.12630	26,281	3,319	24,621	134,678	5.12
92-93	0.13792	22,961	3,167	21,378	110,057	4.79
93-94	0.15044	19,795	2,978	18,306	88,679	4.48
94-95	0.16388	16,817	2,756	15,439	70,373	4.18
95=96	0.17827	14,061	2,507	12,808	54,935	3.91
96-97	0.19363	11,554	2,237	10,436	42,127	3.65
97-98	0.20998	9,317	1,956	8,339	31,691	3.40
98-99	0.22733	7,361	1,673	6,524	23,353	3.17
99-100	0.24567	5,687	1,397	4,989	16,829	2.96
100-101	0.26498	4,290	1,137	3,722	11,840	2.76
101-102	0.28524	3,153	899	2,704	8,118	2.57
102-103	0.30640	2,254	691	1,909	5,415	2.40
103-104	0.32842	1,563	513	1,307	3,506	2.24
104-105	0.35122	1,050	369	866	2,199	2.09
105-106	0.37472	681	255	554	1,334	1.96
106-107	0.39883	426	170	341	780	1.83
107-108	0.42344	256	108	202	439	1.72
108-109	0.44843	148	66	115	238	1.61
109-110	0.47369	81	39	62	123	1.51

Table IA-7. Life table for the black population: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00961	100,000	961	99,519	7,290,710	72.91
1-2	0.00069	99,039	68	99,005	7,191,191	72.61
2-3	0.00057	98,971	57	98,942	7,092,187	71.66
3-4	0.00047	98,914	46	98,891	6,993,244	70.70
4-5	0.00036	98,868	36	98,850	6,894,353	69.73
5-6	0.00030	98,832	29	98,818	6,795,503	68.76
6-7	0.00026	98,803	26	98,790	6,696,685	67.78
7-8	0.00025	98,778	25	98,765	6,597,895	66.80
8-9	0.00026	98,753	26	98,740	6,499,130	65.81
9-10	0.00027	98,727	26	98,714	6,400,390	64.83
10-11	0.00028	98,701	28	98,687	6,301,675	63.85
11-12	0.00029	98,673	29	98,659	6,202,988	62.86
12-13	0.00030	98,644	30	98,630	6,104,330	61.88
13-14	0.00033	98,615	32	98,598	6,005,700	60.90
14-15	0.00040	98,582	39	98,563	5,907,102	59.92
15-16	0.00050	98,543	50	98,518	5,808,539	58.94
16-17	0.00062	98,493	61	98,463	5,710,021	57.97
17-18	0.00073	98,432	71	98,396	5,611,558	57.01
18-19	0.00083	98,361	81	98,320	5,513,162	56.05
19-20	0.00092	98,279	91	98,234	5,414,842	55.10
20-21	0.00102	98,189	100	98,138	5,316,608	54.15
21-22	0.00113	98,088	111	98,033	5,218,470	53.20
22-23	0.00122	97,978	119	97,918	5,120,437	52.26
23-24	0.00126	97,858	124	97,796	5,022,519	51.32
24-25	0.00128	97,734	125	97,672	4,924,723	50.39
25-26	0.00129	97,609	126	97,546	4,827,051	49.45
26-27	0.00130	97,483	127	97,419	4,729,505	48.52
27-28	0.00132	97,356	128	97,292	4,632,086	47.58
28-29	0.00136	97,228	133	97,161	4,534,794	46.64
29-30	0.00141	97,095	137	97,027	4,437,633	45.70
30-31	0.00145	96,958	141	96,888	4,340,606	44.77
31-32	0.00150	96,817	145	96,745	4,243,718	43.83
32-33	0.00156	96,672	151	96,597	4,146,974	42.90
33-34	0.00164	96,521	158	96,442	4,050,377	41.96
34-35	0.00177	96,363	170	96,278	3,953,935	41.03
35-36	0.00193	96,192	186	96,100	3,857,658	40.10
36-37	0.00210	96,007	202	95,906	3,761,558	39.18
37-38	0.00228	95,805	219	95,696	3,665,652	38.26
38-39	0.00248	95,587	237	95,468	3,569,956	37.35
39-40	0.00271	95,349	258	95,220	3,474,488	36.44
40-41	0.00295	95,091	281	94,951	3,379,268	35.54
41-42	0.00321	94,810	304	94,658	3,284,317	34.64
42-43	0.00349	94,506	330	94,341	3,189,659	33.75
43-44	0.00379	94,176	357	93,998	3,095,317	32.87

44-45	0.00412	93,819	387	93,626	3,001,320	31.99
45-46	0.00448	93,432	419	93,223	2,907,694	31.12
46-47	0.00487	93,014	453	92,787	2,814,471	30.26
47-48	0.00530	92,560	490	92,315	2,721,684	29.40
48-49	0.00575	92,070	530	91,805	2,629,369	28.56
49-50	0.00624	91,540	572	91,254	2,537,564	27.72
50-51	0.00677	90,968	616	90,660	2,446,310	26.89
51-52	0.00735	90,352	664	90,020	2,355,649	26.07
52-53	0.00797	89,688	715	89,331	2,265,629	25.26
53-54	0.00866	88,973	771	88,588	2,176,298	24.46
54-55	0.00942	88,203	831	87,787	2,087,710	23.67
55-56	0.01025	87,372	895	86,924	1,999,923	22.89
56-57	0.01114	86,476	964	85,995	1,912,999	22.12
57-58	0.01211	85,513	1,035	84,995	1,827,004	21.37
58-59	0.01313	84,477	1,109	83,923	1,742,009	20.62
59-60	0.01422	83,368	1,186	82,775	1,658,087	19.89
60-61	0.01540	82,182	1,265	81,550	1,575,311	19.17
61-62	0.01667	80,917	1,349	80,242	1,493,762	18.46
62-63	0.01806	79,568	1,437	78,849	1,413,519	17.76
63-64	0.01957	78,131	1,529	77,366	1,334,670	17.08
64-65	0.02122	76,602	1,625	75,789	1,257,304	16.41
65-66	0.02300	74,977	1,724	74,115	1,181,514	15.76
66-67	0.02492	73,252	1,826	72,340	1,107,400	15.12
67-68	0.02703	71,427	1,931	70,461	1,035,060	14.49
68-69	0.02935	69,496	2,040	68,476	964,599	13.88
69-70	0.03189	67,456	2,151	66,381	896,123	13.28
70-71	0.03466	65,305	2,264	64,174	829,742	12.71
71-72	0.03766	63,042	2,374	61,855	765,569	12.14
72-73	0.04084	60,668	2,478	59,429	703,714	11.60
73-74	0.04416	58,190	2,570	56,905	644,285	11.07
74-75	0.04763	55,621	2,649	54,296	587,380	10.56
75-76	0.05129	52,971	2,717	51,613	533,084	10.06
76-77	0.05523	50,254	2,776	48,866	481,471	9.58
77-78	0.05952	47,478	2,826	46,066	432,605	9.11
78-79	0.06423	44,653	2,868	43,219	386,539	8.66
79-80	0.06939	41,785	2,899	40,335	343,321	8.22
80-81	0.07543	38,885	2,933	37,419	302,986	7.79
81-82	0.08151	35,952	2,931	34,487	265,567	7.39
82-83	0.08804	33,022	2,907	31,568	231,080	7.00
83-84	0.09503	30,114	2,862	28,684	199,512	6.63
84-85	0.10251	27,253	2,794	25,856	170,829	6.27
85-86	0.11052	24,459	2,703	23,107	144,973	5.93
86-87	0.11906	21,756	2,590	20,461	121,865	5.60
87-88	0.12817	19,166	2,456	17,937	101,405	5.29
88-89	0.13786	16,709	2,303	15,557	83,467	5.00
89-90	0.14816	14,406	2,134	13,339	67,910	4.71
90-91	0.15908	12,271	1,952	11,295	54,571	4.45
91-92	0.17065	10,319	1,761	9,439	43,276	4.19
92-93	0.18288	8,558	1,565	7,776	33,837	3.95
93-94	0.19578	6,993	1,369	6,309	26,062	3.73
94-95	0.20935	5,624	1,177	5,035	19,753	3.51
95-96	0.22359	4,447	994	3,949	14,718	3.31
96-97	0.23852	3,452	823	3,041	10,769	3.12

97-98	0.25411	2,629	668	2,295	7,728	2.94
98-99	0.27036	1,961	530	1,696	5,433	2.77
99-100	0.28724	1,431	411	1,225	3,737	2.61
100-101	0.30474	1,020	311	864	2,512	2.46
101-102	0.32282	709	229	595	1,648	2.32
102-103	0.34145	480	164	398	1,053	2.19
103-104	0.36058	316	114	259	655	2.07
104-105	0.38016	202	77	164	396	1.96
105-106	0.40014	125	50	100	232	1.85
106-107	0.42046	75	32	59	132	1.75
107-108	0.44106	44	19	34	72	1.66
108-109	0.46186	24	11	19	38	1.57
109-110	0.48279	13	6	10	20	1.49

Table IA-8. Life table for black males: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00894	100,000	894	99,553	7,080,836	70.81
1-2	0.00061	99,106	60	99,076	6,981,283	70.44
2-3	0.00054	99,045	53	99,019	6,882,208	69.49
3-4	0.00047	98,992	46	98,969	6,783,189	68.52
4-5	0.00040	98,946	39	98,926	6,684,220	67.55
5-6	0.00035	98,907	35	98,889	6,585,293	66.58
6-7	0.00032	98,872	32	98,856	6,486,404	65.60
7-8	0.00031	98,840	31	98,825	6,387,548	64.62
8-9	0.00031	98,810	31	98,794	6,288,723	63.64
9-10	0.00031	98,779	31	98,763	6,189,929	62.66
10-11	0.00033	98,748	32	98,732	6,091,165	61.68
11-12	0.00035	98,715	35	98,698	5,992,434	60.70
12-13	0.00037	98,681	37	98,662	5,893,736	59.73
13-14	0.00042	98,644	42	98,623	5,795,073	58.75
14-15	0.00054	98,602	54	98,575	5,696,450	57.77
15-16	0.00069	98,549	68	98,514	5,597,875	56.80
16-17	0.00084	98,480	83	98,439	5,499,360	55.84
17-18	0.00099	98,397	97	98,348	5,400,922	54.89
18-19	0.00111	98,300	109	98,245	5,302,573	53.94
19-20	0.00121	98,191	119	98,131	5,204,328	53.00
20-21	0.00133	98,072	130	98,007	5,106,197	52.07
21-22	0.00145	97,942	142	97,871	5,008,190	51.13
22-23	0.00153	97,800	149	97,725	4,910,319	50.21
23-24	0.00156	97,651	153	97,574	4,812,594	49.28
24-25	0.00161	97,498	157	97,420	4,715,020	48.36
25-26	0.00164	97,341	159	97,262	4,617,600	47.44
26-27	0.00167	97,182	163	97,101	4,520,338	46.51
27-28	0.00172	97,019	167	96,936	4,423,238	45.59
28-29	0.00179	96,852	173	96,766	4,326,302	44.67
29-30	0.00182	96,679	176	96,591	4,229,537	43.75
30-31	0.00183	96,503	176	96,415	4,132,945	42.83
31-32	0.00185	96,327	179	96,238	4,036,531	41.90
32-33	0.00189	96,148	181	96,057	3,940,293	40.98
33-34	0.00196	95,967	188	95,873	3,844,236	40.06
34-35	0.00210	95,779	201	95,678	3,748,363	39.14
35-36	0.00228	95,578	218	95,469	3,652,685	38.22
36-37	0.00248	95,360	236	95,242	3,557,216	37.30
37-38	0.00270	95,124	257	94,995	3,461,974	36.39
38-39	0.00294	94,867	278	94,728	3,366,979	35.49
39-40	0.00319	94,589	302	94,438	3,272,251	34.59
40-41	0.00348	94,287	328	94,123	3,177,813	33.70
41-42	0.00378	93,959	355	93,782	3,083,690	32.82
42-43	0.00410	93,604	384	93,413	2,989,908	31.94
43-44	0.00445	93,221	415	93,013	2,896,496	31.07

44-45	0.00484	92,806	449	92,581	2,803,483	30.21
45-46	0.00525	92,357	485	92,114	2,710,901	29.35
46-47	0.00571	91,871	524	91,609	2,618,787	28.50
47-48	0.00620	91,347	566	91,064	2,527,178	27.67
48-49	0.00674	90,781	612	90,475	2,436,114	26.84
49-50	0.00732	90,169	660	89,839	2,345,640	26.01
50-51	0.00795	89,509	712	89,153	2,255,801	25.20
51-52	0.00864	88,797	767	88,414	2,166,647	24.40
52-53	0.00938	88,030	826	87,617	2,078,234	23.61
53-54	0.01019	87,205	889	86,760	1,990,616	22.83
54-55	0.01107	86,316	955	85,838	1,903,856	22.06
55-56	0.01202	85,361	1,026	84,848	1,818,017	21.30
56-57	0.01305	84,335	1,101	83,785	1,733,169	20.55
57-58	0.01417	83,234	1,179	82,645	1,649,385	19.82
58-59	0.01538	82,055	1,262	81,424	1,566,740	19.09
59-60	0.01670	80,793	1,349	80,118	1,485,316	18.38
60-61	0.01813	79,444	1,440	78,723	1,405,198	17.69
61-62	0.01967	78,003	1,535	77,236	1,326,474	17.01
62-63	0.02135	76,469	1,633	75,653	1,249,238	16.34
63-64	0.02316	74,836	1,734	73,969	1,173,586	15.68
64-65	0.02513	73,103	1,837	72,184	1,099,616	15.04
65-66	0.02726	71,266	1,943	70,294	1,027,432	14.42
66-67	0.02956	69,323	2,049	68,299	957,138	13.81
67-68	0.03205	67,274	2,156	66,196	888,839	13.21
68-69	0.03474	65,118	2,262	63,987	822,643	12.63
69-70	0.03765	62,856	2,367	61,672	758,657	12.07
70-71	0.04080	60,489	2,468	59,255	696,985	11.52
71-72	0.04419	58,021	2,564	56,739	637,730	10.99
72-73	0.04785	55,457	2,654	54,131	580,990	10.48
73-74	0.05180	52,804	2,735	51,436	526,860	9.98
74-75	0.05605	50,069	2,807	48,665	475,424	9.50
75-76	0.06064	47,262	2,866	45,829	426,758	9.03
76-77	0.06557	44,396	2,911	42,941	380,929	8.58
77-78	0.07087	41,485	2,940	40,015	337,989	8.15
78-79	0.07657	38,545	2,951	37,069	297,974	7.73
79-80	0.08268	35,594	2,943	34,122	260,904	7.33
80-81	0.08923	32,651	2,914	31,194	226,782	6.95
81-82	0.09625	29,737	2,862	28,306	195,588	6.58
82-83	0.10376	26,875	2,789	25,481	167,281	6.22
83-84	0.11178	24,087	2,692	22,740	141,801	5.89
84-85	0.12034	21,394	2,575	20,107	119,060	5.57
85-86	0.12945	18,820	2,436	17,602	98,953	5.26
86-87	0.13915	16,383	2,280	15,243	81,352	4.97
87-88	0.14945	14,104	2,108	13,050	66,108	4.69
88-89	0.16038	11,996	1,924	11,034	53,059	4.42
89-90	0.17193	10,072	1,732	9,206	42,025	4.17
90-91	0.18414	8,340	1,536	7,572	32,819	3.93
91-92	0.19701	6,804	1,341	6,134	25,246	3.71
92-93	0.21055	5,464	1,150	4,889	19,112	3.50
93-94	0.22475	4,314	969	3,829	14,223	3.30
94-95	0.23962	3,344	801	2,943	10,395	3.11
95-96	0.25516	2,543	649	2,218	7,451	2.93
96-97	0.27134	1,894	514	1,637	5,233	2.76

97-98	0.28815	1,380	398	1,181	3,596	2.61
98-99	0.30557	982	300	832	2,415	2.46
99-100	0.32355	682	221	572	1,582	2.32
100-101	0.34208	461	158	383	1,011	2.19
101-102	0.36110	304	110	249	628	2.07
102-103	0.38057	194	74	157	379	1.96
103-104	0.40043	120	48	96	222	1.85
104-105	0.42062	72	30	57	126	1.75
105-106	0.44108	42	18	33	69	1.66
106-107	0.46174	23	11	18	37	1.57
107-108	0.48254	13	6	10	19	1.49
108-109	0.50339	6	3	5	9	1.42
109-110	0.52424	3	2	2	4	1.35

Table IA-9. Life table for black females: Iowa, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.01007	100,000	1,007	99,497	7,516,288	75.16
1-2	0.00076	98,993	76	98,955	7,416,791	74.92
2-3	0.00061	98,918	60	98,887	7,317,835	73.98
3-4	0.00046	98,857	46	98,834	7,218,948	73.02
4-5	0.00032	98,811	32	98,796	7,120,114	72.06
5-6	0.00023	98,780	23	98,768	7,021,318	71.08
6-7	0.00020	98,757	19	98,747	6,922,550	70.10
7-8	0.00019	98,737	19	98,728	6,823,803	69.11
8-9	0.00020	98,719	20	98,709	6,725,075	68.12
9-10	0.00022	98,699	22	98,688	6,626,366	67.14
10-11	0.00023	98,677	23	98,665	6,527,679	66.15
11-12	0.00023	98,654	23	98,643	6,429,013	65.17
12-13	0.00023	98,631	23	98,620	6,330,371	64.18
13-14	0.00023	98,608	23	98,597	6,231,751	63.20
14-15	0.00025	98,586	24	98,573	6,133,154	62.21
15-16	0.00030	98,561	30	98,546	6,034,581	61.23
16-17	0.00038	98,531	37	98,513	5,936,034	60.25
17-18	0.00043	98,494	43	98,473	5,837,521	59.27
18-19	0.00051	98,452	50	98,427	5,739,049	58.29
19-20	0.00059	98,402	58	98,373	5,640,622	57.32
20-21	0.00067	98,343	65	98,311	5,542,249	56.36
21-22	0.00074	98,278	73	98,242	5,443,939	55.39
22-23	0.00085	98,205	83	98,163	5,345,697	54.43
23-24	0.00090	98,122	89	98,078	5,247,534	53.48
24-25	0.00090	98,033	88	97,989	5,149,456	52.53
25-26	0.00090	97,945	88	97,901	5,051,467	51.57
26-27	0.00088	97,857	86	97,814	4,953,566	50.62
27-28	0.00086	97,771	84	97,729	4,855,752	49.66
28-29	0.00089	97,687	87	97,643	4,758,023	48.71
29-30	0.00094	97,600	92	97,554	4,660,379	47.75
30-31	0.00099	97,508	97	97,460	4,562,825	46.79
31-32	0.00106	97,412	103	97,360	4,465,365	45.84
32-33	0.00114	97,308	111	97,253	4,368,005	44.89
33-34	0.00124	97,197	120	97,137	4,270,753	43.94
34-35	0.00136	97,077	132	97,011	4,173,616	42.99
35-36	0.00151	96,945	146	96,872	4,076,605	42.05
36-37	0.00166	96,799	160	96,719	3,979,733	41.11
37-38	0.00180	96,638	174	96,551	3,883,014	40.18
38-39	0.00197	96,464	190	96,370	3,786,463	39.25
39-40	0.00215	96,275	207	96,171	3,690,093	38.33
40-41	0.00235	96,067	226	95,954	3,593,922	37.41
41-42	0.00256	95,841	245	95,719	3,497,968	36.50
42-43	0.00279	95,596	266	95,463	3,402,249	35.59
43-44	0.00303	95,330	289	95,185	3,306,786	34.69

44-45	0.00330	95,040	314	94,883	3,211,601	33.79
45-46	0.00359	94,727	340	94,556	3,116,718	32.90
46-47	0.00391	94,386	369	94,201	3,022,162	32.02
47-48	0.00426	94,017	400	93,817	2,927,960	31.14
48-49	0.00463	93,617	434	93,400	2,834,143	30.27
49-50	0.00504	93,183	470	92,948	2,740,744	29.41
50-51	0.00549	92,713	509	92,458	2,647,796	28.56
51-52	0.00597	92,204	551	91,929	2,555,338	27.71
52-53	0.00650	91,653	596	91,355	2,463,409	26.88
53-54	0.00707	91,057	644	90,735	2,372,054	26.05
54-55	0.00770	90,413	696	90,065	2,281,319	25.23
55-56	0.00837	89,718	751	89,342	2,191,253	24.42
56-57	0.00911	88,966	811	88,561	2,101,911	23.63
57-58	0.00991	88,156	874	87,719	2,013,350	22.84
58-59	0.01078	87,282	941	86,812	1,925,631	22.06
59-60	0.01173	86,341	1,013	85,835	1,838,820	21.30
60-61	0.01276	85,328	1,088	84,784	1,752,985	20.54
61-62	0.01387	84,240	1,169	83,656	1,668,201	19.80
62-63	0.01509	83,071	1,253	82,445	1,584,545	19.07
63-64	0.01640	81,818	1,342	81,147	1,502,100	18.36
64-65	0.01783	80,476	1,435	79,759	1,420,953	17.66
65-66	0.01939	79,041	1,532	78,275	1,341,194	16.97
66-67	0.02107	77,509	1,633	76,692	1,262,919	16.29
67-68	0.02290	75,876	1,737	75,007	1,186,226	15.63
68-69	0.02488	74,139	1,845	73,216	1,111,219	14.99
69-70	0.02703	72,294	1,954	71,317	1,038,003	14.36
70-71	0.02936	70,340	2,065	69,307	966,686	13.74
71-72	0.03188	68,275	2,177	67,187	897,378	13.14
72-73	0.03461	66,098	2,288	64,954	830,192	12.56
73-74	0.03757	63,810	2,397	62,611	765,238	11.99
74-75	0.04077	61,413	2,504	60,161	702,626	11.44
75-76	0.04423	58,909	2,606	57,606	642,465	10.91
76-77	0.04797	56,303	2,701	54,953	584,859	10.39
77-78	0.05201	53,602	2,788	52,209	529,906	9.89
78-79	0.05636	50,815	2,864	49,383	477,698	9.40
79-80	0.06106	47,951	2,928	46,487	428,315	8.93
80-81	0.06613	45,023	2,977	43,534	381,829	8.48
81-82	0.07158	42,046	3,009	40,541	338,295	8.05
82-83	0.07744	39,036	3,023	37,525	297,754	7.63
83-84	0.08374	36,013	3,016	34,505	260,229	7.23
84-85	0.09050	32,998	2,986	31,504	225,724	6.84
85-86	0.09775	30,011	2,934	28,545	194,219	6.47
86-87	0.10551	27,078	2,857	25,649	165,675	6.12
87-88	0.11381	24,221	2,757	22,842	140,026	5.78
88-89	0.12268	21,464	2,633	20,148	117,183	5.46
89-90	0.13213	18,831	2,488	17,587	97,035	5.15
90-91	0.14219	16,343	2,324	15,181	79,449	4.86
91-92	0.15289	14,019	2,143	12,947	64,268	4.58
92-93	0.16423	11,876	1,950	10,901	51,320	4.32
93-94	0.17624	9,925	1,749	9,051	40,420	4.07
94-95	0.18893	8,176	1,545	7,404	31,369	3.84
95-96	0.20231	6,631	1,342	5,961	23,965	3.61
96-97	0.21639	5,290	1,145	4,717	18,004	3.40

97-98	0.23116	4,145	958	3,666	13,287	3.21
98-99	0.24662	3,187	786	2,794	9,621	3.02
99-100	0.26276	2,401	631	2,086	6,827	2.84
100-101	0.27957	1,770	495	1,523	4,741	2.68
101-102	0.29701	1,275	379	1,086	3,219	2.52
102-103	0.31507	896	282	755	2,133	2.38
103-104	0.33371	614	205	512	1,377	2.24
104-105	0.35288	409	144	337	866	2.12
105-106	0.37254	265	99	215	529	2.00
106-107	0.39263	166	65	134	314	1.89
107-108	0.41309	101	42	80	180	1.78
108-109	0.43385	59	26	46	100	1.69
109-110	0.45485	34	15	26	54	1.60

Table IA-10. Standard errors of the probability of dying, Iowa, 1999-2001

	Total			White			Black		
Age	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.000185	0.000335	0.000209	0.000225	0.000337	0.000311	0.001196	0.001550	0.001799
1-2	0.000099	0.000106	0.000187	0.000064	0.000101	0.000078	0.000207	0.000248	0.000341
2-3	0.000069	0.000086	0.000115	0.000054	0.000092	0.000056	0.000572	0.000536	
3-4	0.000059	0.000079	0.000089	0.000054	0.000084	0.000066	0.000329	0.000466	0.000464
4-5	0.000039	0.000053	0.000062	0.000038	0.000053	0.000058			
5-6	0.000034	0.000052	0.000045	0.000038	0.000055	0.000053	0.000209	0.000250	
6-7	0.000036	0.000058	0.000044	0.000042	0.000058	0.000064			
7-8	0.000039	0.000063	0.000045	0.000043	0.000063	0.000060	0.000252		0.000191
8-9	0.000043	0.000064	0.000057	0.000046	0.000064	0.000066			
9-10	0.000026	0.000039	0.000035	0.000028	0.000043	0.000039	0.000189	0.000221	
10-11	0.000023	0.000021	0.000051	0.000024	0.000021	0.000057	0.000198		0.000163
11-12	0.000018	0.000017	0.000033	0.000017	0.000017	0.000031			
12-13	0.000027	0.000036	0.000042	0.000027	0.000035	0.000042	0.000303		0.000233
13-14	0.000048	0.000066	0.000073	0.000053	0.000073	0.000083	0.000147	0.000245	0.000162
14-15	0.000074	0.000134	0.000075	0.000074	0.000139	0.000072	0.000398	0.000543	
15-16	0.000065	0.000110	0.000071	0.000070	0.000121	0.000071	0.000252	0.000400	0.000304
16-17	0.000059	0.000098	0.000064	0.000065	0.000113	0.000065	0.000253	0.000422	0.000265
17-18	0.000067	0.000105	0.000085	0.000077	0.000126	0.000085	0.000324	0.000442	
18-19	0.000069	0.000110	0.000084	0.000075	0.000123	0.000084	0.000586	0.000786	
19-20	0.000072	0.000112	0.000093	0.000072	0.000114	0.000093	0.000922		0.000591
20-21	0.000085	0.000148	0.000081	0.000080	0.000135	0.000083			
21-22	0.000080	0.000136	0.000082	0.000075	0.000123	0.000084	0.000651	0.001024	0.000742
22-23	0.000084	0.000145	0.000081	0.000080	0.000135	0.000085	0.000431	0.000577	0.000846
23-24	0.000080	0.000134	0.000086	0.000074	0.000118	0.000093	0.000730	0.001105	0.000903
24-25	0.000084	0.000147	0.000081	0.000080	0.000136	0.000083	0.000906	0.001134	
25-26	0.000088	0.000150	0.000088	0.000087	0.000144	0.000096	0.000646	0.001157	0.000634
26-27	0.000079	0.000140	0.000072	0.000080	0.000141	0.000076	0.000751	0.000966	
27-28	0.000078	0.000136	0.000075	0.000080	0.000139	0.000079	0.000759	0.000994	
28-29	0.000084	0.000134	0.000100	0.000092	0.000147	0.000112	0.000482	0.000728	0.000627
29-30	0.000077	0.000118	0.000100	0.000078	0.000119	0.000103	0.000816	0.001050	
30-31	0.000081	0.000130	0.000096	0.000083	0.000131	0.000100	0.000592	0.000816	0.000992
31-32	0.000081	0.000124	0.000102	0.000081	0.000123	0.000105	0.000750	0.001310	0.000748
32-33	0.000087	0.000132	0.000114	0.000088	0.000135	0.000112	0.000900	0.001088	
33-34	0.000087	0.000139	0.000106	0.000088	0.000139	0.000106	0.001160		0.000875
34-35	0.000097	0.000149	0.000123	0.000099	0.000156	0.000122	0.001248	0.002096	0.001356
35-36	0.000087	0.000138	0.000105	0.000091	0.000147	0.000106	0.000964	0.001611	0.001066
36-37	0.000089	0.000133	0.000122	0.000092	0.000142	0.000120	0.001211	0.001748	0.001656
37-38	0.000092	0.000136	0.000126	0.000093	0.000141	0.000125	0.001019	0.001906	0.001038
38-39	0.000092	0.000136	0.000128	0.000093	0.000142	0.000125	0.000938	0.001311	0.001389
39-40	0.000099	0.000153	0.000125	0.000099	0.000155	0.000122	0.001351	0.001838	0.002152
40-41	0.000106	0.000164	0.000135	0.000109	0.000169	0.000137	0.000889	0.001312	0.001175
41-42	0.000106	0.000174	0.000124	0.000107	0.000179	0.000122	0.001013	0.001424	0.001476
42-43	0.000116	0.000180	0.000148	0.000117	0.000180	0.000150	0.001422	0.002893	0.001392
43-44	0.000125	0.000191	0.000163	0.000128	0.000196	0.000166	0.001093	0.001679	0.001355
44-45	0.000128	0.000207	0.000151	0.000131	0.000215	0.000151	0.001240	0.001526	0.003297
45-46	0.000135	0.000221	0.000156	0.000136	0.000222	0.000158	0.001691	0.005241	0.001465
46-47	0.000144	0.000229	0.000174	0.000147	0.000233	0.000177	0.001404	0.002012	0.001952
47-48	0.000151	0.000235	0.000190	0.000154	0.000238	0.000197	0.001525	0.002765	0.001606
48-49	0.000163	0.000262	0.000194	0.000167	0.000270	0.000195	0.001656	0.002024	0.004623
49-50	0.000170	0.000284	0.000190	0.000173	0.000287	0.000196	0.001969	0.003646	0.002054
50-51	0.000177	0.000289	0.000206	0.000182	0.000295	0.000212	0.001743	0.002640	0.002235
51-52	0.000190	0.000312	0.000218	0.000194	0.000319	0.000223	0.001725	0.002482	0.002431

52-53	0.000199	0.000312	0.000249	0.000204	0.000316	0.000259	0.001822	0.002953	0.002160
53-54	0.000217	0.000361	0.000245	0.000221	0.000364	0.000252	0.002875	0.005069	0.003152
54-55	0.000243	0.000410	0.000271	0.000246	0.000414	0.000275	0.003315	0.004493	0.005421
55-56	0.000265	0.000423	0.000321	0.000272	0.000430	0.000334	0.002403	0.003982	0.002779
56-57	0.000272	0.000440	0.000324	0.000279	0.000450	0.000334	0.002478	0.003465	0.003702
57-58	0.000283	0.000454	0.000343	0.000287	0.000459	0.000350	0.003474	0.005317	0.004410
58-59	0.000303	0.000504	0.000349	0.000307	0.000507	0.000355	0.003933	0.005770	0.005362
59-60	0.000318	0.000537	0.000358	0.000322	0.000543	0.000365	0.003425	0.005520	0.004122
60-61	0.000336	0.000547	0.000401	0.000339	0.000549	0.000406	0.005093	0.010370	0.005174
61-62	0.000362	0.000601	0.000420	0.000366	0.000608	0.000425	0.003697	0.005403	0.005207
62-63	0.000387	0.000645	0.000449	0.000392	0.000656	0.000451	0.004105	0.005453	0.007485
63-64	0.000400	0.000651	0.000481	0.000402	0.000657	0.000481	0.004844	0.006903	0.007275
64-65	0.000410	0.000680	0.000482	0.000414	0.000685	0.000489	0.004116	0.007163	0.004723
65-66	0.000438	0.000704	0.000543	0.000440	0.000709	0.000542	0.004960	0.007456	0.006787
66-67	0.000474	0.000784	0.000565	0.000476	0.000789	0.000567	0.005371	0.008406	0.006949
67-68	0.000489	0.000789	0.000606	0.000490	0.000794	0.000605	0.005962	0.008141	0.010122
68-69	0.000515	0.000826	0.000646	0.000517	0.000831	0.000648	0.005671	0.008533	0.007769
69-70	0.000549	0.000908	0.000660	0.000550	0.000911	0.000662	0.006689	0.011680	0.007696
70-71	0.000575	0.000929	0.000717	0.000579	0.000934	0.000723	0.006436	0.010678	0.007730
71-72	0.000595	0.000988	0.000714	0.000597	0.000995	0.000715	0.006860	0.010478	0.009056
72-73	0.000627	0.001031	0.000765	0.000629	0.001035	0.000768	0.008340	0.013479	0.010254
73-74	0.000651	0.001064	0.000807	0.000655	0.001072	0.000811	0.007754	0.011889	0.010223
74-75	0.000692	0.001125	0.000869	0.000697	0.001133	0.000874	0.008348	0.012178	0.012040
75-76	0.000752	0.001245	0.000928	0.000758	0.001254	0.000935	0.008213	0.013483	0.010192
76-77	0.000780	0.001283	0.000976	0.000782	0.001286	0.000981	0.012005	0.021127	0.014112
77-78	0.000846	0.001429	0.001032	0.000849	0.001435	0.001036	0.011782	0.018947	0.015267
78-79	0.000895	0.001507	0.001100	0.000898	0.001511	0.001105	0.014645	0.023267	0.019358
79-80	0.000945	0.001624	0.001141	0.000949	0.001630	0.001147	0.014271	0.023876	0.017840
80-81	0.001019	0.001774	0.001203	0.001024	0.001782	0.001211	0.015124	0.028386	0.017078
81-82	0.001086	0.001857	0.001305	0.001091	0.001863	0.001314	0.018413	0.034584	0.020794
82-83	0.001213	0.002106	0.001438	0.001223	0.002119	0.001453	0.015100	0.027244	0.017531
83-84	0.001277	0.002253	0.001493	0.001289	0.002271	0.001507	0.016237	0.025550	0.021422
84-85	0.001399	0.002561	0.001588	0.001409	0.002567	0.001605	0.022280	0.056432	0.022284
85-86	0.001532	0.002848	0.001758	0.001541	0.002865	0.001769	0.021067	0.034085	0.026615
86-87	0.001666	0.003119	0.001905	0.001677	0.003138	0.001918	0.023073	0.037664	0.028986
87-88	0.001819	0.003429	0.002070	0.001831	0.003451	0.002085	0.025373	0.041818	0.031683
88-89	0.001993	0.003787	0.002258	0.002007	0.003813	0.002276	0.028026	0.046668	0.034767
89-90	0.002193	0.004204	0.002471	0.002210	0.004233	0.002493	0.031103	0.052369	0.038313
90-91	0.002425	0.004691	0.002716	0.002445	0.004725	0.002742	0.034696	0.059117	0.042416
91-92	0.002694	0.005265	0.002998	0.002718	0.005305	0.003030	0.038917	0.067162	0.047190
92-93	0.003009	0.005946	0.003327	0.003039	0.005994	0.003365	0.043910	0.076826	0.052783
93-94	0.003382	0.006761	0.003711	0.003418	0.006820	0.003757	0.049862	0.088527	0.059380
94-95	0.003826	0.007746	0.004164	0.003870	0.007816	0.004221	0.057008	0.102817	0.067215
95-96	0.004358	0.008944	0.004702	0.004413	0.009032	0.004773	0.065658	0.120423	0.076592
96-97	0.005003	0.010418	0.005347	0.005072	0.010527	0.005436	0.076219	0.142318	0.087903
97-98	0.005792	0.012249	0.006128	0.005879	0.012386	0.006240	0.089225	0.169817	0.101662
98-99	0.006765	0.014548	0.007081	0.006877	0.014723	0.007224	0.105397	0.204715	0.118546
99-100	0.007981	0.017465	0.008258	0.008125	0.017692	0.008441	0.125702	0.249492	0.139458
100-101	0.009514	0.021214	0.009725	0.009704	0.021512	0.009963	0.151466	0.307610	0.165613
101-102	0.011473	0.026091	0.011577	0.011725	0.026489	0.011890	0.184517	0.383968	0.198664
102-103	0.014007	0.032523	0.013941	0.014346	0.033061	0.014359	0.227410	0.485580	0.240887
103-104	0.017327	0.041124	0.017000	0.017792	0.041865	0.017564	0.283760	0.622636	0.295447
104-105	0.021742	0.052801	0.021011	0.022387	0.053838	0.021785	0.358746	0.810135	0.366809
105-106	0.027701	0.068905	0.026350	0.028609	0.070383	0.027426	0.459892	1.070488	0.461340

106-107	0.035873	0.091491	0.033565	0.037174	0.093636	0.035085	0.598280	1.437700	0.588258
107-108	0.047269	0.123729	0.043476	0.049168	0.126901	0.045661	0.790479	1.964187	0.761082
108-109	0.063450	0.170609	0.057332	0.066270	0.175394	0.060528	1.061642	2.732109	0.999939
109-110	0.086862	0.240125	0.077061	0.091132	0.247494	0.081823	1.450571	3.872490	1.335258

Table IA-11. Standard errors of the average remaining lifetime, Iowa, 1999-2001

	Total			White			Black		
Age	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.050	0.073	0.068	0.051	0.074	0.069	0.407	0.565	0.593
1-2	0.048	0.069	0.066	0.048	0.070	0.065	0.401	0.559	0.584
2-3	0.047	0.068	0.064	0.048	0.069	0.065	0.401	0.559	0.584
3-4	0.047	0.068	0.064	0.048	0.069	0.064	0.399	0.558	0.584
4-5	0.047	0.068	0.063	0.048	0.069	0.064	0.399	0.557	0.583
5-6	0.047	0.068	0.063	0.048	0.069	0.064	0.399	0.558	0.583
6-7	0.047	0.068	0.063	0.047	0.069	0.064	0.399	0.558	0.583
7-8	0.047	0.068	0.063	0.047	0.069	0.064	0.399	0.558	0.584
8-9	0.047	0.068	0.063	0.047	0.068	0.064	0.398	0.558	0.584
9-10	0.047	0.067	0.063	0.047	0.068	0.063	0.399	0.558	0.584
10-11	0.047	0.067	0.063	0.047	0.068	0.063	0.398	0.558	0.584
11-12	0.047	0.067	0.063	0.047	0.068	0.063	0.398	0.558	0.584
12-13	0.047	0.067	0.062	0.047	0.068	0.063	0.398	0.559	0.584
13-14	0.047	0.067	0.062	0.047	0.068	0.063	0.398	0.559	0.584
14-15	0.046	0.067	0.062	0.047	0.068	0.063	0.398	0.559	0.584
15-16	0.046	0.067	0.062	0.047	0.068	0.063	0.398	0.558	0.584
16-17	0.046	0.066	0.062	0.047	0.067	0.063	0.398	0.558	0.584
17-18	0.046	0.066	0.062	0.046	0.067	0.063	0.398	0.558	0.584
18-19	0.046	0.066	0.062	0.046	0.067	0.062	0.397	0.558	0.584
19-20	0.046	0.066	0.061	0.046	0.066	0.062	0.396	0.557	0.585
20-21	0.045	0.065	0.061	0.046	0.066	0.062	0.394	0.558	0.584
21-22	0.045	0.065	0.061	0.046	0.066	0.062	0.394	0.559	0.584
22-23	0.045	0.065	0.061	0.045	0.065	0.061	0.393	0.557	0.583
23-24	0.045	0.064	0.061	0.045	0.065	0.061	0.393	0.557	0.582
24-25	0.045	0.064	0.060	0.045	0.065	0.061	0.391	0.555	0.581
25-26	0.044	0.064	0.060	0.045	0.064	0.061	0.389	0.554	0.581
26-27	0.044	0.063	0.060	0.045	0.064	0.061	0.389	0.552	0.581
27-28	0.044	0.063	0.060	0.044	0.064	0.061	0.387	0.551	0.581
28-29	0.044	0.062	0.060	0.044	0.063	0.060	0.386	0.550	0.582
29-30	0.044	0.062	0.060	0.044	0.063	0.060	0.386	0.550	0.581
30-31	0.043	0.062	0.059	0.044	0.063	0.060	0.385	0.549	0.582
31-32	0.043	0.062	0.059	0.044	0.063	0.060	0.385	0.549	0.581
32-33	0.043	0.061	0.059	0.044	0.062	0.060	0.384	0.547	0.580
33-34	0.043	0.061	0.059	0.043	0.062	0.059	0.382	0.547	0.581
34-35	0.043	0.061	0.059	0.043	0.062	0.059	0.380	0.548	0.581
35-36	0.043	0.061	0.058	0.043	0.062	0.059	0.377	0.543	0.578
36-37	0.043	0.061	0.058	0.043	0.061	0.059	0.376	0.541	0.578
37-38	0.042	0.060	0.058	0.043	0.061	0.058	0.374	0.538	0.575
38-39	0.042	0.060	0.058	0.043	0.061	0.058	0.373	0.535	0.574
39-40	0.042	0.060	0.058	0.043	0.061	0.058	0.372	0.535	0.573
40-41	0.042	0.060	0.057	0.042	0.061	0.058	0.370	0.533	0.568
41-42	0.042	0.060	0.057	0.042	0.060	0.058	0.370	0.533	0.568
42-43	0.042	0.059	0.057	0.042	0.060	0.058	0.369	0.533	0.567
43-44	0.042	0.059	0.057	0.042	0.060	0.057	0.367	0.527	0.566
44-45	0.041	0.059	0.056	0.042	0.060	0.057	0.367	0.527	0.566
45-46	0.041	0.059	0.056	0.042	0.059	0.057	0.367	0.528	0.557
46-47	0.041	0.058	0.056	0.041	0.059	0.057	0.364	0.508	0.557
47-48	0.041	0.058	0.056	0.041	0.059	0.056	0.364	0.508	0.556
48-49	0.041	0.058	0.055	0.041	0.058	0.056	0.363	0.505	0.556
49-50	0.040	0.058	0.055	0.041	0.058	0.056	0.362	0.506	0.541
50-51	0.040	0.057	0.055	0.040	0.058	0.055	0.360	0.500	0.540
51-52	0.040	0.057	0.055	0.040	0.057	0.055	0.360	0.500	0.540

52-53	0.040	0.056	0.054	0.040	0.057	0.055	0.360	0.501	0.539
53-54	0.039	0.056	0.054	0.040	0.057	0.054	0.360	0.501	0.539
54-55	0.039	0.056	0.054	0.039	0.056	0.054	0.356	0.493	0.537
55-56	0.039	0.055	0.053	0.039	0.055	0.054	0.351	0.488	0.524
56-57	0.038	0.054	0.053	0.039	0.055	0.053	0.350	0.487	0.524
57-58	0.038	0.054	0.052	0.038	0.054	0.052	0.350	0.488	0.521
58-59	0.037	0.053	0.052	0.038	0.054	0.052	0.346	0.484	0.517
59-60	0.037	0.053	0.051	0.037	0.053	0.051	0.341	0.479	0.509
60-61	0.037	0.052	0.051	0.037	0.052	0.051	0.339	0.476	0.507
61-62	0.036	0.051	0.050	0.036	0.052	0.050	0.330	0.448	0.503
62-63	0.036	0.050	0.049	0.036	0.051	0.050	0.329	0.447	0.499
63-64	0.035	0.049	0.049	0.035	0.050	0.049	0.327	0.448	0.486
64-65	0.035	0.049	0.048	0.035	0.049	0.048	0.323	0.445	0.476
65-66	0.034	0.048	0.047	0.034	0.048	0.048	0.322	0.444	0.477
66-67	0.034	0.047	0.047	0.034	0.048	0.047	0.320	0.443	0.472
67-68	0.033	0.046	0.046	0.033	0.047	0.046	0.318	0.440	0.469
68-69	0.032	0.046	0.045	0.032	0.046	0.045	0.315	0.441	0.452
69-70	0.032	0.045	0.044	0.032	0.045	0.044	0.314	0.444	0.448
70-71	0.031	0.044	0.044	0.031	0.045	0.044	0.311	0.437	0.447
71-72	0.031	0.044	0.043	0.031	0.044	0.043	0.311	0.437	0.447
72-73	0.030	0.043	0.042	0.030	0.043	0.042	0.312	0.442	0.446
73-74	0.030	0.042	0.041	0.030	0.043	0.041	0.309	0.439	0.442
74-75	0.029	0.042	0.041	0.029	0.042	0.041	0.311	0.446	0.441
75-76	0.029	0.042	0.040	0.029	0.042	0.040	0.313	0.456	0.437
76-77	0.028	0.041	0.039	0.029	0.041	0.039	0.318	0.468	0.443
77-78	0.028	0.041	0.038	0.028	0.041	0.038	0.313	0.461	0.439
78-79	0.028	0.041	0.038	0.028	0.041	0.038	0.313	0.467	0.435
79-80	0.027	0.041	0.037	0.027	0.041	0.037	0.305	0.466	0.418
80-81	0.027	0.041	0.036	0.027	0.041	0.036	0.302	0.469	0.411
81-82	0.027	0.041	0.036	0.027	0.041	0.036	0.300	0.466	0.411
82-83	0.027	0.041	0.036	0.027	0.041	0.036	0.291	0.446	0.404
83-84	0.027	0.041	0.035	0.027	0.041	0.035	0.296	0.459	0.413
84-85	0.027	0.041	0.035	0.027	0.042	0.035	0.304	0.486	0.416
85-86	0.026	0.042	0.035	0.026	0.042	0.034	0.298	0.411	0.425
86-87	0.026	0.042	0.034	0.026	0.042	0.034	0.303	0.421	0.428
87-88	0.027	0.043	0.034	0.027	0.043	0.034	0.308	0.433	0.433
88-89	0.027	0.043	0.034	0.027	0.043	0.034	0.315	0.448	0.440
89-90	0.027	0.044	0.034	0.027	0.044	0.034	0.324	0.466	0.449
90-91	0.027	0.045	0.035	0.027	0.045	0.034	0.335	0.487	0.460
91-92	0.028	0.047	0.035	0.028	0.047	0.035	0.348	0.513	0.474
92-93	0.029	0.049	0.035	0.029	0.049	0.035	0.364	0.545	0.490
93-94	0.029	0.051	0.036	0.029	0.051	0.036	0.383	0.583	0.511
94-95	0.031	0.054	0.037	0.031	0.054	0.037	0.406	0.629	0.536
95-96	0.032	0.057	0.038	0.032	0.057	0.038	0.434	0.685	0.566
96-97	0.034	0.061	0.040	0.034	0.062	0.040	0.468	0.754	0.602
97-98	0.036	0.067	0.042	0.036	0.067	0.042	0.510	0.838	0.646
98-99	0.039	0.073	0.045	0.039	0.073	0.045	0.560	0.942	0.700
99-100	0.042	0.081	0.048	0.042	0.082	0.048	0.622	1.073	0.765
100-101	0.046	0.091	0.052	0.046	0.092	0.052	0.700	1.237	0.846
101-102	0.052	0.104	0.057	0.052	0.105	0.057	0.796	1.446	0.946
102-103	0.058	0.121	0.063	0.059	0.122	0.064	0.919	1.717	1.073
103-104	0.067	0.143	0.071	0.068	0.144	0.072	1.076	2.071	1.234
104-105	0.079	0.172	0.082	0.080	0.174	0.083	1.283	2.543	1.443
105-106	0.094	0.211	0.097	0.095	0.214	0.098	1.560	3.187	1.723

106-107	0.116	0.266	0.117	0.118	0.270	0.119	1.946	4.093	2.112
107-108	0.147	0.348	0.147	0.150	0.353	0.150	2.511	5.431	2.682
108-109	0.198	0.478	0.194	0.202	0.486	0.199	3.407	7.559	3.582
109-110	0.287	0.708	0.278	0.295	0.722	0.286	4.964	11.322	5.127