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Table AK-2. Life table for males: Alaska, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007423	100,000	742	99,381	7,219,935	72.2
1-2	0.000621	99,258	62	99,227	7,120,553	71.7
2-3	0.000198	99,196	20	99,186	7,021,326	70.8
3-4	0.000387	99,176	38	99,157	6,922,140	69.8
4-5	0.000192	99,138	19	99,129	6,822,983	68.8
5-6	0.000211	99,119	21	99,109	6,723,854	67.8
6-7	0.000191	99,098	19	99,089	6,624,746	66.9
7-8	0.000163	99,079	16	99,071	6,525,657	65.9
8-9	0.000123	99,063	12	99,057	6,426,586	64.9
9-10	0.000078	99,051	8	99,047	6,327,529	63.9
10-11	0.000042	99,043	4	99,041	6,228,482	62.9
11-12	0.000036	99,039	4	99,037	6,129,441	61.9
12-13	0.000085	99,036	8	99,031	6,030,404	60.9
13-14	0.000208	99,027	21	99,017	5,931,372	59.9
14-15	0.000402	99,007	40	98,987	5,832,355	58.9
15-16	0.000624	98,967	62	98,936	5,733,369	57.9
16-17	0.000871	98,905	86	98,862	5,634,433	57.0
17-18	0.001178	98,819	116	98,761	5,535,571	56.0
18-19	0.001517	98,703	150	98,628	5,436,810	55.1
19-20	0.001835	98,553	181	98,462	5,338,183	54.2
20-21	0.002150	98,372	212	98,266	5,239,720	53.3
21-22	0.002418	98,160	237	98,042	5,141,454	52.4
22-23	0.002569	97,923	252	97,797	5,043,412	51.5
23-24	0.002591	97,671	253	97,545	4,945,615	50.6
24-25	0.002531	97,418	247	97,295	4,848,070	49.8
25-26	0.002420	97,172	235	97,054	4,750,775	48.9
26-27	0.002350	96,937	228	96,823	4,653,721	48.0
27-28	0.002401	96,709	232	96,593	4,556,899	47.1
28-29	0.002626	96,477	253	96,350	4,460,306	46.2
29-30	0.002968	96,223	286	96,080	4,363,956	45.4
30-31	0.003356	95,938	322	95,777	4,267,876	44.5
31-32	0.003694	95,616	353	95,439	4,172,099	43.6
32-33	0.003908	95,262	372	95,076	4,076,660	42.8
33-34	0.004019	94,890	381	94,699	3,981,583	42.0
34-35	0.003998	94,509	378	94,320	3,886,884	41.1
35-36	0.003940	94,131	371	93,945	3,792,564	40.3
36-37	0.003920	93,760	368	93,576	3,698,619	39.4
37-38	0.003958	93,393	370	93,208	3,605,042	38.6
38-39	0.004093	93,023	381	92,832	3,511,835	37.8
39-40	0.004308	92,642	399	92,442	3,419,002	36.9
40-41	0.004600	92,243	424	92,031	3,326,560	36.1
41-42	0.004890	91,819	449	91,594	3,234,529	35.2
42-43	0.005081	91,370	464	91,137	3,142,935	34.4
43-44	0.005102	90,905	464	90,673	3,051,797	33.6
44-45	0.005013	90,441	453	90,215	2,961,124	32.7

Table AK-2. Life table for males: Alaska, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.004854	89,988	437	89,770	2,870,909	31.9
46-47	0.004811	89,551	431	89,336	2,781,140	31.1
47-48	0.005083	89,120	453	88,894	2,691,804	30.2
48-49	0.005786	88,667	513	88,411	2,602,910	29.4
49-50	0.006777	88,154	597	87,856	2,514,499	28.5
50-51	0.007889	87,557	691	87,212	2,426,643	27.7
51-52	0.008893	86,866	773	86,480	2,339,431	26.9
52-53	0.009667	86,094	832	85,678	2,252,951	26.2
53-54	0.010120	85,262	863	84,830	2,167,274	25.4
54-55	0.010367	84,399	875	83,961	2,082,443	24.7
55-56	0.010539	83,524	880	83,084	1,998,482	23.9
56-57	0.010830	82,644	895	82,196	1,915,399	23.2
57-58	0.011351	81,749	928	81,285	1,833,202	22.4
58-59	0.012192	80,821	985	80,328	1,751,918	21.7
59-60	0.013259	79,835	1,059	79,306	1,671,590	20.9
60-61	0.014369	78,777	1,132	78,211	1,592,284	20.2
61-62	0.015416	77,645	1,197	77,046	1,514,074	19.5
62-63	0.016466	76,448	1,259	75,818	1,437,027	18.8
63-64	0.017528	75,189	1,318	74,530	1,361,209	18.1
64-65	0.018633	73,871	1,376	73,183	1,286,679	17.4
65-66	0.019890	72,495	1,442	71,774	1,213,496	16.7
66-67	0.021382	71,053	1,519	70,293	1,141,723	16.1
67-68	0.022672	69,533	1,576	68,745	1,071,430	15.4
68-69	0.023728	67,957	1,613	67,151	1,002,685	14.8
69-70	0.024684	66,344	1,638	65,526	935,534	14.1
70-71	0.025622	64,707	1,658	63,878	870,009	13.4
71-72	0.026920	63,049	1,697	62,200	806,131	12.8
72-73	0.028946	61,351	1,776	60,464	743,931	12.1
73-74	0.031852	59,576	1,898	58,627	683,467	11.5
74-75	0.035509	57,678	2,048	56,654	624,840	10.8
75-76	0.040097	55,630	2,231	54,515	568,186	10.2
76-77	0.045374	53,399	2,423	52,188	513,672	9.6
77-78	0.050885	50,976	2,594	49,679	461,484	9.1
78-79	0.056009	48,382	2,710	47,028	411,805	8.5
79-80	0.060875	45,673	2,780	44,282	364,777	8.0
80-81	0.064059	42,892	2,748	41,518	320,495	7.5
81-82	0.072586	40,145	2,914	38,688	278,976	6.9
82-83	0.082094	37,231	3,056	35,703	240,288	6.5
83-84	0.092653	34,174	3,166	32,591	204,586	6.0
84-85	0.104327	31,008	3,235	29,390	171,995	5.5
85-86	0.117173	27,773	3,254	26,146	142,604	5.1
86-87	0.131231	24,519	3,218	22,910	116,458	4.7
87-88	0.146525	21,301	3,121	19,741	93,549	4.4
88-89	0.163060	18,180	2,964	16,698	73,808	4.1
89-90	0.180811	15,216	2,751	13,840	57,110	3.8

Table AK-2. Life table for males: Alaska, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.199729	12,464	2,490	11,220	43,270	3.5
91-92	0.219731	9,975	2,192	8,879	32,051	3.2
92-93	0.240703	7,783	1,873	6,846	23,172	3.0
93-94	0.262502	5,910	1,551	5,134	16,325	2.8
94-95	0.284954	4,358	1,242	3,737	11,191	2.6
95-96	0.307863	3,116	959	2,637	7,454	2.4
96-97	0.331018	2,157	714	1,800	4,817	2.2
97-98	0.354194	1,443	511	1,187	3,017	2.1
98-99	0.377170	932	351	756	1,830	2.0
99-100	0.399729	580	232	464	1,073	1.8
100 and older	1.000000	348	348	609	609	1.7

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

Table AK-3. Life table for females: Alaska, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007482	100,000	748	99,428	7,733,851	77.3
1-2	0.000220	99,252	22	99,241	7,634,423	76.9
2-3	0.000422	99,230	42	99,209	7,535,182	75.9
3-4	0.000411	99,188	41	99,168	7,435,973	75.0
4-5	0.000202	99,147	20	99,137	7,336,806	74.0
5-6	0.000089	99,127	9	99,123	7,237,669	73.0
6-7	0.000027	99,118	3	99,117	7,138,546	72.0
7-8	0.000046	99,116	5	99,113	7,039,429	71.0
8-9	0.000018	99,111	2	99,110	6,940,315	70.0
9-10	0.000021	99,109	2	99,108	6,841,205	69.0
10-11	0.000025	99,107	2	99,106	6,742,097	68.0
11-12	0.000028	99,105	3	99,104	6,642,990	67.0
12-13	0.000037	99,102	4	99,100	6,543,887	66.0
13-14	0.000157	99,098	16	99,091	6,444,787	65.0
14-15	0.000321	99,083	32	99,067	6,345,696	64.0
15-16	0.000531	99,051	53	99,025	6,246,629	63.1
16-17	0.000748	98,999	74	98,962	6,147,604	62.1
17-18	0.000915	98,925	90	98,879	6,048,642	61.1
18-19	0.000992	98,834	98	98,785	5,949,763	60.2
19-20	0.001004	98,736	99	98,686	5,850,978	59.3
20-21	0.000989	98,637	98	98,588	5,752,292	58.3
21-22	0.001007	98,539	99	98,490	5,653,704	57.4
22-23	0.001089	98,440	107	98,386	5,555,214	56.4
23-24	0.001254	98,333	123	98,271	5,456,828	55.5
24-25	0.001464	98,210	144	98,138	5,358,556	54.6
25-26	0.001676	98,066	164	97,984	5,260,419	53.6
26-27	0.001850	97,901	181	97,811	5,162,435	52.7
27-28	0.001972	97,720	193	97,624	5,064,625	51.8
28-29	0.002033	97,528	198	97,428	4,967,001	50.9
29-30	0.002055	97,329	200	97,229	4,869,572	50.0
30-31	0.002054	97,129	200	97,029	4,772,343	49.1
31-32	0.002068	96,930	200	96,829	4,675,314	48.2
32-33	0.002090	96,729	202	96,628	4,578,484	47.3
33-34	0.002265	96,527	219	96,418	4,481,856	46.4
34-35	0.002448	96,308	236	96,191	4,385,438	45.5
35-36	0.002672	96,073	257	95,944	4,289,248	44.6
36-37	0.002875	95,816	275	95,678	4,193,303	43.8
37-38	0.002993	95,541	286	95,398	4,097,625	42.9
38-39	0.002982	95,255	284	95,113	4,002,227	42.0
39-40	0.002878	94,971	273	94,834	3,907,115	41.1
40-41	0.002726	94,697	258	94,568	3,812,281	40.3
41-42	0.002623	94,439	248	94,315	3,717,713	39.4
42-43	0.002646	94,191	249	94,067	3,623,398	38.5
43-44	0.002870	93,942	270	93,807	3,529,331	37.6
44-45	0.003259	93,673	305	93,520	3,435,523	36.7

Table AK-3. Life table for females: Alaska, 2021

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.003728	93,367	348	93,193	3,342,003	35.8
46-47	0.004186	93,019	389	92,825	3,248,810	34.9
47-48	0.004602	92,630	426	92,417	3,155,986	34.1
48-49	0.004908	92,204	453	91,977	3,063,569	33.2
49-50	0.005118	91,751	470	91,516	2,971,592	32.4
50-51	0.005321	91,281	486	91,039	2,880,075	31.6
51-52	0.005544	90,796	503	90,544	2,789,037	30.7
52-53	0.005730	90,292	517	90,034	2,698,493	29.9
53-54	0.005881	89,775	528	89,511	2,608,459	29.1
54-55	0.006018	89,247	537	88,978	2,518,948	28.2
55-56	0.006170	88,710	547	88,436	2,429,970	27.4
56-57	0.006354	88,163	560	87,882	2,341,534	26.6
57-58	0.006577	87,602	576	87,314	2,253,651	25.7
58-59	0.006849	87,026	596	86,728	2,166,337	24.9
59-60	0.007181	86,430	621	86,120	2,079,609	24.1
60-61	0.007499	85,809	644	85,488	1,993,489	23.2
61-62	0.007882	85,166	671	84,830	1,908,001	22.4
62-63	0.008503	84,495	718	84,135	1,823,171	21.6
63-64	0.009450	83,776	792	83,380	1,739,036	20.8
64-65	0.010667	82,984	885	82,542	1,655,655	20.0
65-66	0.012062	82,099	990	81,604	1,573,113	19.2
66-67	0.013750	81,109	1,115	80,551	1,491,509	18.4
67-68	0.015146	79,994	1,212	79,388	1,410,958	17.6
68-69	0.016273	78,782	1,282	78,141	1,331,570	16.9
69-70	0.017262	77,500	1,338	76,831	1,253,429	16.2
70-71	0.018339	76,162	1,397	75,464	1,176,597	15.4
71-72	0.019706	74,766	1,473	74,029	1,101,133	14.7
72-73	0.021402	73,292	1,569	72,508	1,027,104	14.0
73-74	0.023482	71,724	1,684	70,882	954,596	13.3
74-75	0.026010	70,040	1,822	69,129	883,714	12.6
75-76	0.029125	68,218	1,987	67,224	814,586	11.9
76-77	0.032668	66,231	2,164	65,149	747,361	11.3
77-78	0.036469	64,067	2,336	62,899	682,212	10.6
78-79	0.040284	61,731	2,487	60,488	619,313	10.0
79-80	0.044148	59,244	2,615	57,936	558,826	9.4
80-81	0.048121	56,629	2,725	55,266	500,889	8.8
81-82	0.052565	53,904	2,833	52,487	445,623	8.3
82-83	0.059885	51,070	3,058	49,541	393,136	7.7
83-84	0.068111	48,012	3,270	46,377	343,595	7.2
84-85	0.077323	44,742	3,460	43,012	297,218	6.6
85-86	0.087599	41,282	3,616	39,474	254,206	6.2
86-87	0.099011	37,666	3,729	35,801	214,732	5.7
87-88	0.111623	33,937	3,788	32,043	178,931	5.3
88-89	0.125486	30,149	3,783	28,257	146,888	4.9
89-90	0.140635	26,365	3,708	24,511	118,631	4.5

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.157082	22,657	3,559	20,878	94,120	4.2
91-92	0.174814	19,098	3,339	17,429	73,242	3.8
92-93	0.193785	15,760	3,054	14,233	55,813	3.5
93-94	0.213920	12,706	2,718	11,347	41,580	3.3
94-95	0.235107	9,988	2,348	8,814	30,234	3.0
95-96	0.257201	7,640	1,965	6,657	21,420	2.8
96-97	0.280023	5,675	1,589	4,880	14,763	2.6
97-98	0.303370	4,086	1,239	3,466	9,883	2.4
98-99	0.327017	2,846	931	2,381	6,417	2.3
99-100	0.350728	1,915	672	1,580	4,036	2.1
100 and older	1.000000	1,244	1,244	2,457	2,457	2.0

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