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Table AL-2. Life table for males: Alabama, 2018

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.007983	100,000	798	99,326	7,211,466	72.1
1-2	0.000604	99,202	60	99,172	7,112,141	71.7
2-3	0.000669	99,142	66	99,109	7,012,969	70.7
3-4	0.000401	99,075	40	99,056	6,913,860	69.8
4-5	0.000233	99,036	23	99,024	6,814,805	68.8
5-6	0.000296	99,013	29	98,998	6,715,780	67.8
6-7	0.000255	98,983	25	98,971	6,616,782	66.8
7-8	0.000215	98,958	21	98,947	6,517,812	65.9
8-9	0.000169	98,937	17	98,928	6,418,864	64.9
9-10	0.000120	98,920	12	98,914	6,319,936	63.9
10-11	0.000082	98,908	8	98,904	6,221,022	62.9
11-12	0.000076	98,900	8	98,896	6,122,117	61.9
12-13	0.000129	98,893	13	98,886	6,023,221	60.9
13-14	0.000254	98,880	25	98,867	5,924,335	59.9
14-15	0.000434	98,855	43	98,833	5,825,467	58.9
15-16	0.000633	98,812	63	98,781	5,726,634	58.0
16-17	0.000831	98,749	82	98,708	5,627,854	57.0
17-18	0.001039	98,667	103	98,616	5,529,145	56.0
18-19	0.001250	98,565	123	98,503	5,430,530	55.1
19-20	0.001457	98,441	143	98,370	5,332,027	54.2
20-21	0.001677	98,298	165	98,216	5,233,657	53.2
21-22	0.001886	98,133	185	98,041	5,135,441	52.3
22-23	0.002036	97,948	199	97,848	5,037,401	51.4
23-24	0.002104	97,749	206	97,646	4,939,552	50.5
24-25	0.002116	97,543	206	97,440	4,841,907	49.6
25-26	0.002105	97,337	205	97,234	4,744,467	48.7
26-27	0.002111	97,132	205	97,029	4,647,233	47.8
27-28	0.002149	96,927	208	96,822	4,550,204	46.9
28-29	0.002240	96,718	217	96,610	4,453,381	46.0
29-30	0.002377	96,502	229	96,387	4,356,771	45.1
30-31	0.002534	96,272	244	96,150	4,260,384	44.3
31-32	0.002692	96,028	258	95,899	4,164,234	43.4
32-33	0.002842	95,770	272	95,634	4,068,334	42.5
33-34	0.003016	95,498	288	95,354	3,972,701	41.6
34-35	0.003161	95,210	301	95,059	3,877,347	40.7
35-36	0.003315	94,909	315	94,752	3,782,287	39.9
36-37	0.003474	94,594	329	94,430	3,687,536	39.0
37-38	0.003605	94,266	340	94,096	3,593,106	38.1
38-39	0.003703	93,926	348	93,752	3,499,010	37.3
39-40	0.003788	93,578	354	93,401	3,405,259	36.4
40-41	0.003885	93,223	362	93,042	3,311,858	35.5
41-42	0.004018	92,861	373	92,675	3,218,815	34.7
42-43	0.004192	92,488	388	92,294	3,126,141	33.8
43-44	0.004409	92,101	406	91,897	3,033,846	32.9

Table AL-2. Life table for males: Alabama, 2018

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
44-45	0.004660	91,694	427	91,481	2,941,949	32.1
45-46	0.004938	91,267	451	91,042	2,850,468	31.2
46-47	0.005244	90,816	476	90,578	2,759,426	30.4
47-48	0.005588	90,340	505	90,088	2,668,848	29.5
48-49	0.005988	89,835	538	89,566	2,578,760	28.7
49-50	0.006459	89,297	577	89,009	2,489,194	27.9
50-51	0.006979	88,721	619	88,411	2,400,185	27.1
51-52	0.007563	88,102	666	87,768	2,311,774	26.2
52-53	0.008252	87,435	722	87,074	2,224,005	25.4
53-54	0.009036	86,714	784	86,322	2,136,931	24.6
54-55	0.009876	85,930	849	85,506	2,050,609	23.9
55-56	0.010704	85,082	911	84,626	1,965,103	23.1
56-57	0.011545	84,171	972	83,685	1,880,477	22.3
57-58	0.012478	83,199	1,038	82,680	1,796,792	21.6
58-59	0.013553	82,161	1,114	81,604	1,714,112	20.9
59-60	0.014756	81,047	1,196	80,449	1,632,508	20.1
60-61	0.016074	79,852	1,284	79,210	1,552,058	19.4
61-62	0.017402	78,568	1,367	77,884	1,472,848	18.7
62-63	0.018652	77,201	1,440	76,481	1,394,964	18.1
63-64	0.019760	75,761	1,497	75,012	1,318,483	17.4
64-65	0.020789	74,264	1,544	73,492	1,243,471	16.7
65-66	0.021838	72,720	1,588	71,926	1,169,979	16.1
66-67	0.023174	71,132	1,648	70,308	1,098,053	15.4
67-68	0.024628	69,483	1,711	68,628	1,027,746	14.8
68-69	0.026309	67,772	1,783	66,881	959,118	14.2
69-70	0.028235	65,989	1,863	65,058	892,237	13.5
70-71	0.030375	64,126	1,948	63,152	827,180	12.9
71-72	0.032737	62,178	2,036	61,160	764,028	12.3
72-73	0.035374	60,143	2,128	59,079	702,867	11.7
73-74	0.038338	58,015	2,224	56,903	643,788	11.1
74-75	0.041663	55,791	2,324	54,629	586,885	10.5
75-76	0.045319	53,467	2,423	52,255	532,256	10.0
76-77	0.049376	51,043	2,520	49,783	480,001	9.4
77-78	0.053946	48,523	2,618	47,214	430,218	8.9
78-79	0.059236	45,906	2,719	44,546	383,004	8.3
79-80	0.065316	43,186	2,821	41,776	338,458	7.8
80-81	0.072057	40,366	2,909	38,911	296,682	7.3
81-82	0.079343	37,457	2,972	35,971	257,771	6.9
82-83	0.087186	34,485	3,007	32,982	221,800	6.4
83-84	0.096103	31,478	3,025	29,966	188,818	6.0
84-85	0.106739	28,453	3,037	26,935	158,852	5.6
85-86	0.119237	25,416	3,031	23,901	131,918	5.2
86-87	0.131950	22,386	2,954	20,909	108,017	4.8
87-88	0.144923	19,432	2,816	18,024	87,108	4.5

Table AL-2. Life table for males: Alabama, 2018

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
88-89	0.158453	16,616	2,633	15,299	69,084	4.2
89-90	0.173738	13,983	2,429	12,768	53,785	3.8
90-91	0.191352	11,554	2,211	10,448	41,017	3.6
91-92	0.211119	9,343	1,972	8,357	30,569	3.3
92-93	0.232055	7,370	1,710	6,515	22,212	3.0
93-94	0.252238	5,660	1,428	4,946	15,697	2.8
94-95	0.274770	4,232	1,163	3,651	10,751	2.5
95-96	0.303731	3,069	932	2,603	7,100	2.3
96-97	0.338272	2,137	723	1,776	4,497	2.1
97-98	0.372707	1,414	527	1,151	2,721	1.9
98-99	0.406310	887	360	707	1,570	1.8
99-100	0.438425	527	231	411	864	1.6
100 and over	1.000000	296	296	452	452	1.5

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

Table AL-3. Life table for females: Alabama, 2018

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005935	100,000	594	99,506	7,797,762	78.0
1-2	0.000313	99,406	31	99,391	7,698,256	77.4
2-3	0.000312	99,375	31	99,360	7,598,865	76.5
3-4	0.000278	99,344	28	99,331	7,499,505	75.5
4-5	0.000208	99,317	21	99,306	7,400,175	74.5
5-6	0.000199	99,296	20	99,286	7,300,868	73.5
6-7	0.000180	99,276	18	99,267	7,201,582	72.5
7-8	0.000161	99,258	16	99,250	7,102,315	71.6
8-9	0.000138	99,242	14	99,236	7,003,064	70.6
9-10	0.000112	99,229	11	99,223	6,903,829	69.6
10-11	0.000090	99,218	9	99,213	6,804,605	68.6
11-12	0.000082	99,209	8	99,205	6,705,392	67.6
12-13	0.000101	99,201	10	99,196	6,606,188	66.6
13-14	0.000153	99,191	15	99,183	6,506,992	65.6
14-15	0.000228	99,175	23	99,164	6,407,809	64.6
15-16	0.000317	99,153	31	99,137	6,308,645	63.6
16-17	0.000403	99,121	40	99,101	6,209,508	62.6
17-18	0.000474	99,081	47	99,058	6,110,407	61.7
18-19	0.000524	99,034	52	99,008	6,011,349	60.7
19-20	0.000558	98,982	55	98,955	5,912,341	59.7
20-21	0.000587	98,927	58	98,898	5,813,386	58.8
21-22	0.000624	98,869	62	98,838	5,714,488	57.8
22-23	0.000672	98,807	66	98,774	5,615,649	56.8
23-24	0.000736	98,741	73	98,705	5,516,875	55.9
24-25	0.000808	98,668	80	98,629	5,418,170	54.9
25-26	0.000888	98,589	88	98,545	5,319,542	54.0
26-27	0.000961	98,501	95	98,454	5,220,997	53.0
27-28	0.001013	98,406	100	98,357	5,122,543	52.1
28-29	0.001039	98,307	102	98,256	5,024,187	51.1
29-30	0.001049	98,205	103	98,153	4,925,931	50.2
30-31	0.001053	98,102	103	98,050	4,827,778	49.2
31-32	0.001075	97,998	105	97,946	4,729,728	48.3
32-33	0.001131	97,893	111	97,838	4,631,782	47.3
33-34	0.001262	97,782	123	97,721	4,533,945	46.4
34-35	0.001423	97,659	139	97,589	4,436,224	45.4
35-36	0.001601	97,520	156	97,442	4,338,635	44.5
36-37	0.001772	97,364	173	97,277	4,241,193	43.6
37-38	0.001929	97,191	187	97,097	4,143,915	42.6
38-39	0.002065	97,004	200	96,904	4,046,818	41.7
39-40	0.002193	96,803	212	96,697	3,949,914	40.8
40-41	0.002335	96,591	225	96,478	3,853,217	39.9
41-42	0.002499	96,366	241	96,245	3,756,739	39.0
42-43	0.002677	96,125	257	95,996	3,660,494	38.1
43-44	0.002864	95,867	275	95,730	3,564,498	37.2
44-45	0.003053	95,593	292	95,447	3,468,767	36.3

Table AL-3. Life table for females: Alabama, 2018

Age (years)	Probability of dying between ages x and $x + 1$	Number surviving to age x	Number dying between ages x and $x + 1$	Person-years lived between ages x and $x + 1$	Total number of person-years lived above age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
45-46	0.003256	95,301	310	95,146	3,373,320	35.4
46-47	0.003471	94,991	330	94,826	3,278,175	34.5
47-48	0.003691	94,661	349	94,486	3,183,349	33.6
48-49	0.003923	94,312	370	94,127	3,088,862	32.8
49-50	0.004183	93,942	393	93,745	2,994,736	31.9
50-51	0.004459	93,549	417	93,340	2,900,991	31.0
51-52	0.004778	93,132	445	92,909	2,807,651	30.1
52-53	0.005186	92,687	481	92,446	2,714,742	29.3
53-54	0.005687	92,206	524	91,944	2,622,295	28.4
54-55	0.006239	91,681	572	91,395	2,530,352	27.6
55-56	0.006803	91,109	620	90,799	2,438,956	26.8
56-57	0.007357	90,490	666	90,157	2,348,157	25.9
57-58	0.007902	89,824	710	89,469	2,258,000	25.1
58-59	0.008447	89,114	753	88,738	2,168,531	24.3
59-60	0.009010	88,361	796	87,963	2,079,794	23.5
60-61	0.009604	87,565	841	87,145	1,991,830	22.7
61-62	0.010238	86,724	888	86,280	1,904,686	22.0
62-63	0.010927	85,836	938	85,367	1,818,406	21.2
63-64	0.011688	84,898	992	84,402	1,733,038	20.4
64-65	0.012527	83,906	1,051	83,381	1,648,636	19.6
65-66	0.013456	82,855	1,115	82,298	1,565,255	18.9
66-67	0.014486	81,740	1,184	81,148	1,482,958	18.1
67-68	0.015605	80,556	1,257	79,927	1,401,810	17.4
68-69	0.016803	79,299	1,332	78,633	1,321,882	16.7
69-70	0.018101	77,966	1,411	77,261	1,243,250	15.9
70-71	0.019539	76,555	1,496	75,807	1,165,989	15.2
71-72	0.021187	75,059	1,590	74,264	1,090,182	14.5
72-73	0.023090	73,469	1,696	72,621	1,015,917	13.8
73-74	0.025301	71,773	1,816	70,865	943,297	13.1
74-75	0.027842	69,957	1,948	68,983	872,432	12.5
75-76	0.030688	68,009	2,087	66,965	803,449	11.8
76-77	0.033945	65,922	2,238	64,803	736,484	11.2
77-78	0.037792	63,684	2,407	62,481	671,680	10.5
78-79	0.042314	61,277	2,593	59,981	609,200	9.9
79-80	0.047357	58,685	2,779	57,295	549,219	9.4
80-81	0.051157	55,905	2,860	54,475	491,923	8.8
81-82	0.057434	53,046	3,047	51,522	437,448	8.2
82-83	0.064401	49,999	3,220	48,389	385,926	7.7
83-84	0.072113	46,779	3,373	45,092	337,537	7.2
84-85	0.080625	43,406	3,500	41,656	292,445	6.7
85-86	0.089989	39,906	3,591	38,110	250,789	6.3
86-87	0.100256	36,315	3,641	34,494	212,679	5.9
87-88	0.111466	32,674	3,642	30,853	178,184	5.5
88-89	0.123657	29,032	3,590	27,237	147,331	5.1
89-90	0.136853	25,442	3,482	23,701	120,094	4.7

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.151065	21,960	3,317	20,301	96,393	4.4
91-92	0.166289	18,643	3,100	17,093	76,091	4.1
92-93	0.182505	15,543	2,837	14,124	58,999	3.8
93-94	0.199671	12,706	2,537	11,438	44,874	3.5
94-95	0.217725	10,169	2,214	9,062	33,437	3.3
95-96	0.236585	7,955	1,882	7,014	24,375	3.1
96-97	0.256147	6,073	1,556	5,295	17,361	2.9
97-98	0.276287	4,517	1,248	3,893	12,066	2.7
98-99	0.296865	3,269	971	2,784	8,172	2.5
99-100	0.317729	2,299	730	1,934	5,388	2.3
100 and over	1.000000	1,568	1,568	3,455	3,455	2.2

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