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Table AL-2. Life table for males: Alabama, 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	0.008569	100,000	857	99,299	6,885,762	68.9
1-2	0.000742	99,143	74	99,106	6,786,463	68.5
2-3	0.000500	99,070	50	99,045	6,687,356	67.5
3-4	0.000331	99,020	33	99,004	6,588,312	66.5
4-5	0.000230	98,987	23	98,976	6,489,308	65.6
5-6	0.000187	98,964	18	98,955	6,390,332	64.6
6-7	0.000162	98,946	16	98,938	6,291,377	63.6
7-8	0.000155	98,930	15	98,922	6,192,439	62.6
8-9	0.000158	98,915	16	98,907	6,093,517	61.6
9-10	0.000170	98,899	17	98,891	5,994,610	60.6
10-11	0.000199	98,882	20	98,872	5,895,719	59.6
11-12	0.000257	98,863	25	98,850	5,796,847	58.6
12-13	0.000360	98,837	36	98,819	5,697,997	57.7
13-14	0.000520	98,802	51	98,776	5,599,178	56.7
14-15	0.000724	98,750	72	98,714	5,500,402	55.7
15-16	0.000960	98,679	95	98,631	5,401,687	54.7
16-17	0.001197	98,584	118	98,525	5,303,056	53.8
17-18	0.001410	98,466	139	98,396	5,204,531	52.9
18-19	0.001575	98,327	155	98,250	5,106,135	51.9
19-20	0.001707	98,172	168	98,088	5,007,885	51.0
20-21	0.001827	98,005	179	97,915	4,909,797	50.1
21-22	0.001965	97,826	192	97,729	4,811,882	49.2
22-23	0.002130	97,633	208	97,529	4,714,152	48.3
23-24	0.002337	97,425	228	97,311	4,616,623	47.4
24-25	0.002573	97,198	250	97,073	4,519,312	46.5
25-26	0.002830	96,947	274	96,810	4,422,239	45.6
26-27	0.003071	96,673	297	96,525	4,325,429	44.7
27-28	0.003262	96,376	314	96,219	4,228,904	43.9
28-29	0.003377	96,062	324	95,900	4,132,685	43.0
29-30	0.003440	95,738	329	95,573	4,036,785	42.2
30-31	0.003483	95,408	332	95,242	3,941,212	41.3
31-32	0.003554	95,076	338	94,907	3,845,970	40.5
32-33	0.003687	94,738	349	94,563	3,751,063	39.6
33-34	0.003885	94,389	367	94,205	3,656,500	38.7
34-35	0.004160	94,022	391	93,826	3,562,295	37.9
35-36	0.004473	93,631	419	93,421	3,468,468	37.0
36-37	0.004786	93,212	446	92,989	3,375,047	36.2
37-38	0.005089	92,766	472	92,530	3,282,058	35.4
38-39	0.005358	92,294	495	92,047	3,189,528	34.6
39-40	0.005601	91,799	514	91,542	3,097,482	33.7
40-41	0.005862	91,285	535	91,017	3,005,939	32.9
41-42	0.006152	90,750	558	90,471	2,914,922	32.1
42-43	0.006438	90,192	581	89,901	2,824,451	31.3
43-44	0.006725	89,611	603	89,310	2,734,550	30.5
44-45	0.007031	89,008	626	88,695	2,645,240	29.7

Table AL-2. Life table for males: Alabama, 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	0.007376	88,382	652	88,057	2,556,545	28.9
46-47	0.007777	87,731	682	87,389	2,468,488	28.1
47-48	0.008234	87,048	717	86,690	2,381,099	27.4
48-49	0.008741	86,331	755	85,954	2,294,409	26.6
49-50	0.009291	85,577	795	85,179	2,208,455	25.8
50-51	0.009865	84,782	836	84,364	2,123,276	25.0
51-52	0.010490	83,945	881	83,505	2,038,912	24.3
52-53	0.011210	83,065	931	82,599	1,955,407	23.5
53-54	0.012050	82,134	990	81,639	1,872,808	22.8
54-55	0.012997	81,144	1,055	80,617	1,791,169	22.1
55-56	0.013962	80,089	1,118	79,530	1,710,553	21.4
56-57	0.014964	78,971	1,182	78,380	1,631,022	20.7
57-58	0.016114	77,789	1,254	77,163	1,552,642	20.0
58-59	0.017440	76,536	1,335	75,868	1,475,480	19.3
59-60	0.018887	75,201	1,420	74,491	1,399,611	18.6
60-61	0.020421	73,781	1,507	73,027	1,325,120	18.0
61-62	0.021940	72,274	1,586	71,481	1,252,093	17.3
62-63	0.023375	70,688	1,652	69,862	1,180,611	16.7
63-64	0.024702	69,036	1,705	68,183	1,110,749	16.1
64-65	0.025997	67,331	1,750	66,456	1,042,566	15.5
65-66	0.027344	65,580	1,793	64,684	976,110	14.9
66-67	0.029106	63,787	1,857	62,859	911,426	14.3
67-68	0.030935	61,931	1,916	60,973	848,567	13.7
68-69	0.032901	60,015	1,975	59,028	787,595	13.1
69-70	0.034994	58,040	2,031	57,025	728,567	12.6
70-71	0.037201	56,009	2,084	54,967	671,543	12.0
71-72	0.039650	53,926	2,138	52,856	616,575	11.4
72-73	0.042478	51,787	2,200	50,688	563,719	10.9
73-74	0.045738	49,588	2,268	48,454	513,031	10.3
74-75	0.049484	47,320	2,342	46,149	464,578	9.8
75-76	0.053790	44,978	2,419	43,768	418,429	9.3
76-77	0.058669	42,559	2,497	41,310	374,661	8.8
77-78	0.064048	40,062	2,566	38,779	333,350	8.3
78-79	0.069790	37,496	2,617	36,187	294,572	7.9
79-80	0.075884	34,879	2,647	33,556	258,384	7.4
80-81	0.082454	32,232	2,658	30,903	224,828	7.0
81-82	0.089709	29,575	2,653	28,248	193,925	6.6
82-83	0.097764	26,921	2,632	25,606	165,677	6.2
83-84	0.106597	24,290	2,589	22,995	140,072	5.8
84-85	0.116265	21,700	2,523	20,439	117,077	5.4
85-86	0.127354	19,177	2,442	17,956	96,638	5.0
86-87	0.139615	16,735	2,336	15,567	78,682	4.7
87-88	0.152809	14,399	2,200	13,298	63,115	4.4
88-89	0.167616	12,198	2,045	11,176	49,816	4.1
89-90	0.183345	10,154	1,862	9,223	38,640	3.8

Table AL-2. Life table for males: Alabama, 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	0.199959	8,292	1,658	7,463	29,417	3.5
91-92	0.217402	6,634	1,442	5,913	21,954	3.3
92-93	0.235598	5,192	1,223	4,580	16,041	3.1
93-94	0.254454	3,969	1,010	3,464	11,461	2.9
94-95	0.273861	2,959	810	2,554	7,998	2.7
95-96	0.293693	2,148	631	1,833	5,444	2.5
96-97	0.313814	1,517	476	1,279	3,611	2.4
97-98	0.334078	1,041	348	867	2,332	2.2
98-99	0.354338	693	246	571	1,464	2.1
99-100	0.374442	448	168	364	894	2.0
100 and older	1.000000	280	280	530	530	1.9

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

Table AL-3. Life table for females: Alabama, 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	0.006714	100,000	671	99,466	7,528,641	75.3
1-2	0.000605	99,329	60	99,299	7,429,175	74.8
2-3	0.000419	99,269	42	99,248	7,329,876	73.8
3-4	0.000241	99,227	24	99,215	7,230,629	72.9
4-5	0.000273	99,203	27	99,189	7,131,414	71.9
5-6	0.000207	99,176	21	99,166	7,032,224	70.9
6-7	0.000170	99,155	17	99,147	6,933,059	69.9
7-8	0.000140	99,138	14	99,132	6,833,912	68.9
8-9	0.000116	99,125	11	99,119	6,734,780	67.9
9-10	0.000098	99,113	10	99,108	6,635,661	67.0
10-11	0.000089	99,103	9	99,099	6,536,553	66.0
11-12	0.000091	99,095	9	99,090	6,437,454	65.0
12-13	0.000108	99,086	11	99,080	6,338,364	64.0
13-14	0.000143	99,075	14	99,068	6,239,284	63.0
14-15	0.000194	99,061	19	99,051	6,140,216	62.0
15-16	0.000251	99,041	25	99,029	6,041,165	61.0
16-17	0.000316	99,017	31	99,001	5,942,136	60.0
17-18	0.000398	98,985	39	98,966	5,843,135	59.0
18-19	0.000497	98,946	49	98,921	5,744,170	58.1
19-20	0.000605	98,897	60	98,867	5,645,248	57.1
20-21	0.000726	98,837	72	98,801	5,546,382	56.1
21-22	0.000845	98,765	83	98,723	5,447,581	55.2
22-23	0.000941	98,682	93	98,635	5,348,857	54.2
23-24	0.001007	98,589	99	98,539	5,250,222	53.3
24-25	0.001055	98,490	104	98,438	5,151,683	52.3
25-26	0.001093	98,386	108	98,332	5,053,245	51.4
26-27	0.001147	98,278	113	98,222	4,954,914	50.4
27-28	0.001244	98,165	122	98,104	4,856,692	49.5
28-29	0.001396	98,043	137	97,975	4,758,588	48.5
29-30	0.001582	97,906	155	97,829	4,660,613	47.6
30-31	0.001789	97,751	175	97,664	4,562,784	46.7
31-32	0.001977	97,577	193	97,480	4,465,120	45.8
32-33	0.002121	97,384	207	97,280	4,367,640	44.8
33-34	0.002194	97,177	213	97,070	4,270,360	43.9
34-35	0.002232	96,964	216	96,856	4,173,289	43.0
35-36	0.002257	96,747	218	96,638	4,076,434	42.1
36-37	0.002316	96,529	224	96,417	3,979,795	41.2
37-38	0.002445	96,305	235	96,188	3,883,378	40.3
38-39	0.002670	96,070	256	95,942	3,787,191	39.4
39-40	0.002964	95,813	284	95,671	3,691,249	38.5
40-41	0.003290	95,529	314	95,372	3,595,577	37.6
41-42	0.003608	95,215	344	95,043	3,500,205	36.8
42-43	0.003903	94,872	370	94,686	3,405,162	35.9
43-44	0.004162	94,501	393	94,305	3,310,475	35.0
44-45	0.004403	94,108	414	93,901	3,216,171	34.2

Table AL-3. Life table for females: Alabama, 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	0.004673	93,694	438	93,475	3,122,270	33.3
46-47	0.004979	93,256	464	93,024	3,028,795	32.5
47-48	0.005280	92,792	490	92,547	2,935,771	31.6
48-49	0.005566	92,302	514	92,045	2,843,225	30.8
49-50	0.005852	91,788	537	91,519	2,751,180	30.0
50-51	0.006139	91,251	560	90,971	2,659,661	29.1
51-52	0.006476	90,691	587	90,397	2,568,690	28.3
52-53	0.006914	90,103	623	89,792	2,478,293	27.5
53-54	0.007477	89,480	669	89,146	2,388,502	26.7
54-55	0.008137	88,811	723	88,450	2,299,356	25.9
55-56	0.008816	88,089	777	87,700	2,210,906	25.1
56-57	0.009497	87,312	829	86,897	2,123,206	24.3
57-58	0.010227	86,483	884	86,041	2,036,309	23.5
58-59	0.011011	85,598	942	85,127	1,950,268	22.8
59-60	0.011832	84,656	1,002	84,155	1,865,141	22.0
60-61	0.012715	83,654	1,064	83,122	1,780,986	21.3
61-62	0.013606	82,590	1,124	82,029	1,697,864	20.6
62-63	0.014426	81,467	1,175	80,879	1,615,835	19.8
63-64	0.015153	80,292	1,217	79,683	1,534,956	19.1
64-65	0.015854	79,075	1,254	78,448	1,455,273	18.4
65-66	0.016559	77,821	1,289	77,177	1,376,825	17.7
66-67	0.017487	76,533	1,338	75,863	1,299,648	17.0
67-68	0.018701	75,194	1,406	74,491	1,223,784	16.3
68-69	0.020268	73,788	1,496	73,040	1,149,293	15.6
69-70	0.022100	72,293	1,598	71,494	1,076,253	14.9
70-71	0.024086	70,695	1,703	69,843	1,004,759	14.2
71-72	0.026210	68,992	1,808	68,088	934,916	13.6
72-73	0.028533	67,184	1,917	66,225	866,828	12.9
73-74	0.031089	65,267	2,029	64,252	800,603	12.3
74-75	0.033939	63,238	2,146	62,165	736,350	11.6
75-76	0.037139	61,092	2,269	59,957	674,186	11.0
76-77	0.040799	58,823	2,400	57,623	614,229	10.4
77-78	0.044971	56,423	2,537	55,154	556,606	9.9
78-79	0.049627	53,885	2,674	52,548	501,452	9.3
79-80	0.054675	51,211	2,800	49,811	448,904	8.8
80-81	0.060101	48,411	2,910	46,956	399,092	8.2
81-82	0.066094	45,502	3,007	43,998	352,136	7.7
82-83	0.072864	42,494	3,096	40,946	308,138	7.3
83-84	0.080565	39,398	3,174	37,811	267,192	6.8
84-85	0.089262	36,224	3,233	34,607	229,381	6.3
85-86	0.099187	32,990	3,272	31,354	194,774	5.9
86-87	0.109727	29,718	3,261	28,088	163,419	5.5
87-88	0.120762	26,457	3,195	24,860	135,331	5.1
88-89	0.134200	23,262	3,122	21,701	110,472	4.7
89-90	0.148726	20,141	2,995	18,643	88,770	4.4

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	q_x	l_x	d_x	L_x	T_x	e_x
90-91	0.164339	17,145	2,818	15,736	70,127	4.1
91-92	0.181019	14,327	2,594	13,031	54,391	3.8
92-93	0.198721	11,734	2,332	10,568	41,360	3.5
93-94	0.217380	9,402	2,044	8,380	30,792	3.3
94-95	0.236904	7,358	1,743	6,487	22,412	3.0
95-96	0.257177	5,615	1,444	4,893	15,925	2.8
96-97	0.278064	4,171	1,160	3,591	11,032	2.6
97-98	0.299406	3,011	902	2,560	7,441	2.5
98-99	0.321032	2,110	677	1,771	4,881	2.3
99-100	0.342764	1,432	491	1,187	3,110	2.2
100 and older	1.000000	941	941	1,923	1,923	2.0

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