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Table AL-2. Life table for males: Alabama, 2022

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	0.007049	100,000	705	99,420	7,076,310	70.8
1-2	0.000545	99,295	54	99,268	6,976,890	70.3
2-3	0.000842	99,241	84	99,199	6,877,622	69.3
3-4	0.000367	99,157	36	99,139	6,778,422	68.4
4-5	0.000397	99,121	39	99,101	6,679,283	67.4
5-6	0.000304	99,082	30	99,067	6,580,182	66.4
6-7	0.000236	99,051	23	99,040	6,481,115	65.4
7-8	0.000188	99,028	19	99,019	6,382,076	64.4
8-9	0.000159	99,010	16	99,002	6,283,057	63.5
9-10	0.000147	98,994	15	98,987	6,184,055	62.5
10-11	0.000157	98,979	16	98,971	6,085,069	61.5
11-12	0.000193	98,964	19	98,954	5,986,097	60.5
12-13	0.000264	98,945	26	98,932	5,887,143	59.5
13-14	0.000372	98,918	37	98,900	5,788,211	58.5
14-15	0.000511	98,882	51	98,856	5,689,311	57.5
15-16	0.000662	98,831	65	98,798	5,590,455	56.6
16-17	0.000824	98,766	81	98,725	5,491,657	55.6
17-18	0.001008	98,684	99	98,635	5,392,931	54.6
18-19	0.001214	98,585	120	98,525	5,294,297	53.7
19-20	0.001428	98,465	141	98,395	5,195,772	52.8
20-21	0.001651	98,325	162	98,243	5,097,377	51.8
21-22	0.001865	98,162	183	98,071	4,999,133	50.9
22-23	0.002052	97,979	201	97,879	4,901,063	50.0
23-24	0.002212	97,778	216	97,670	4,803,184	49.1
24-25	0.002360	97,562	230	97,447	4,705,514	48.2
25-26	0.002506	97,332	244	97,210	4,608,067	47.3
26-27	0.002667	97,088	259	96,958	4,510,858	46.5
27-28	0.002850	96,829	276	96,691	4,413,899	45.6
28-29	0.003049	96,553	294	96,406	4,317,208	44.7
29-30	0.003248	96,258	313	96,102	4,220,803	43.8
30-31	0.003449	95,946	331	95,780	4,124,701	43.0
31-32	0.003635	95,615	348	95,441	4,028,920	42.1
32-33	0.003829	95,267	365	95,085	3,933,479	41.3
33-34	0.003867	94,903	367	94,719	3,838,394	40.4
34-35	0.003930	94,536	372	94,350	3,743,675	39.6
35-36	0.003979	94,164	375	93,977	3,649,325	38.8
36-37	0.004054	93,789	380	93,599	3,555,349	37.9
37-38	0.004196	93,409	392	93,213	3,461,749	37.1
38-39	0.004429	93,017	412	92,811	3,368,536	36.2
39-40	0.004723	92,605	437	92,387	3,275,725	35.4
40-41	0.005050	92,168	465	91,935	3,183,338	34.5
41-42	0.005365	91,702	492	91,456	3,091,403	33.7
42-43	0.005642	91,210	515	90,953	2,999,947	32.9

Table AL-2. Life table for males: Alabama, 2022

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
43-44	0.005871	90,696	532	90,430	2,908,994	32.1
44-45	0.006079	90,163	548	89,889	2,818,564	31.3
45-46	0.006322	89,615	567	89,332	2,728,675	30.4
46-47	0.006624	89,049	590	88,754	2,639,343	29.6
47-48	0.006954	88,459	615	88,151	2,550,590	28.8
48-49	0.007301	87,844	641	87,523	2,462,438	28.0
49-50	0.007664	87,202	668	86,868	2,374,916	27.2
50-51	0.008046	86,534	696	86,186	2,288,047	26.4
51-52	0.008482	85,838	728	85,474	2,201,862	25.7
52-53	0.009015	85,110	767	84,726	2,116,388	24.9
53-54	0.009685	84,342	817	83,934	2,031,662	24.1
54-55	0.010492	83,525	876	83,087	1,947,728	23.3
55-56	0.011335	82,649	937	82,181	1,864,641	22.6
56-57	0.012239	81,712	1,000	81,212	1,782,460	21.8
57-58	0.013340	80,712	1,077	80,174	1,701,248	21.1
58-59	0.014654	79,635	1,167	79,052	1,621,074	20.4
59-60	0.016092	78,468	1,263	77,837	1,542,023	19.7
60-61	0.017616	77,206	1,360	76,526	1,464,185	19.0
61-62	0.019100	75,846	1,449	75,121	1,387,660	18.3
62-63	0.020428	74,397	1,520	73,637	1,312,538	17.6
63-64	0.021554	72,877	1,571	72,092	1,238,901	17.0
64-65	0.022578	71,307	1,610	70,502	1,166,809	16.4
65-66	0.023587	69,697	1,644	68,875	1,096,308	15.7
66-67	0.025003	68,053	1,702	67,202	1,027,433	15.1
67-68	0.026594	66,351	1,765	65,469	960,231	14.5
68-69	0.028499	64,587	1,841	63,666	894,762	13.9
69-70	0.030659	62,746	1,924	61,784	831,096	13.2
70-71	0.033020	60,822	2,008	59,818	769,312	12.6
71-72	0.035529	58,814	2,090	57,769	709,494	12.1
72-73	0.038184	56,724	2,166	55,641	651,725	11.5
73-74	0.040960	54,558	2,235	53,441	596,084	10.9
74-75	0.043972	52,324	2,301	51,173	542,643	10.4
75-76	0.047346	50,023	2,368	48,839	491,470	9.8
76-77	0.051227	47,654	2,441	46,434	442,631	9.3
77-78	0.055795	45,213	2,523	43,952	396,197	8.8
78-79	0.061293	42,691	2,617	41,382	352,245	8.3
79-80	0.067778	40,074	2,716	38,716	310,863	7.8
80-81	0.075032	37,358	2,803	35,956	272,147	7.3
81-82	0.082677	34,555	2,857	33,126	236,191	6.8
82-83	0.090623	31,698	2,873	30,262	203,065	6.4
83-84	0.099037	28,825	2,855	27,398	172,803	6.0
84-85	0.108437	25,971	2,816	24,562	145,405	5.6
85-86	0.119445	23,154	2,766	21,772	120,843	5.2

Table AL-2. Life table for males: Alabama, 2022

	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
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
86–87	0.130932	20,389	2,670	19,054	99,071	4.9
87–88	0.147904	17,719	2,621	16,409	80,017	4.5
88–89	0.162019	15,098	2,446	13,875	63,608	4.2
89–90	0.177021	12,652	2,240	11,532	49,733	3.9
90–91	0.192882	10,413	2,008	9,408	38,201	3.7
91–92	0.209556	8,404	1,761	7,524	28,792	3.4
92–93	0.226980	6,643	1,508	5,889	21,269	3.2
93–94	0.245076	5,135	1,259	4,506	15,380	3.0
94–95	0.263750	3,877	1,022	3,365	10,874	2.8
95–96	0.282892	2,854	807	2,450	7,508	2.6
96–97	0.302381	2,047	619	1,737	5,058	2.5
97–98	0.322085	1,428	460	1,198	3,321	2.3
98–99	0.341869	968	331	803	2,123	2.2
99–100	0.361592	637	230	522	1,320	2.1
100 and older	1.000000	407	407	798	798	2.0

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

Table AL-3. Life table for females: Alabama, 2022

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	0.006217	100,000	622	99,473	7,696,360	77.0
1-2	0.000642	99,378	64	99,346	7,596,888	76.4
2-3	0.000387	99,314	38	99,295	7,497,541	75.5
3-4	0.000278	99,276	28	99,262	7,398,246	74.5
4-5	0.000103	99,249	10	99,243	7,298,984	73.5
5-6	0.000227	99,238	23	99,227	7,199,740	72.6
6-7	0.000209	99,216	21	99,205	7,100,513	71.6
7-8	0.000188	99,195	19	99,186	7,001,308	70.6
8-9	0.000166	99,176	16	99,168	6,902,122	69.6
9-10	0.000145	99,160	14	99,153	6,802,954	68.6
10-11	0.000127	99,146	13	99,139	6,703,801	67.6
11-12	0.000116	99,133	11	99,127	6,604,662	66.6
12-13	0.000115	99,122	11	99,116	6,505,535	65.6
13-14	0.000129	99,110	13	99,104	6,406,419	64.6
14-15	0.000155	99,097	15	99,090	6,307,315	63.6
15-16	0.000182	99,082	18	99,073	6,208,226	62.7
16-17	0.000216	99,064	21	99,053	6,109,153	61.7
17-18	0.000278	99,042	28	99,029	6,010,099	60.7
18-19	0.000373	99,015	37	98,996	5,911,071	59.7
19-20	0.000486	98,978	48	98,954	5,812,074	58.7
20-21	0.000608	98,930	60	98,900	5,713,120	57.7
21-22	0.000719	98,870	71	98,834	5,614,221	56.8
22-23	0.000805	98,799	79	98,759	5,515,386	55.8
23-24	0.000860	98,719	85	98,677	5,416,628	54.9
24-25	0.000897	98,634	89	98,590	5,317,951	53.9
25-26	0.000934	98,546	92	98,500	5,219,361	53.0
26-27	0.000984	98,454	97	98,405	5,120,861	52.0
27-28	0.001046	98,357	103	98,305	5,022,456	51.1
28-29	0.001121	98,254	110	98,199	4,924,150	50.1
29-30	0.001202	98,144	118	98,085	4,825,952	49.2
30-31	0.001280	98,026	126	97,963	4,727,867	48.2
31-32	0.001359	97,900	133	97,834	4,629,904	47.3
32-33	0.001467	97,767	143	97,696	4,532,070	46.4
33-34	0.001550	97,624	151	97,548	4,434,374	45.4
34-35	0.001672	97,473	163	97,391	4,336,826	44.5
35-36	0.001816	97,310	177	97,221	4,239,435	43.6
36-37	0.001970	97,133	191	97,037	4,142,213	42.6
37-38	0.002118	96,942	205	96,839	4,045,176	41.7
38-39	0.002248	96,736	217	96,628	3,948,337	40.8
39-40	0.002365	96,519	228	96,405	3,851,709	39.9
40-41	0.002481	96,291	239	96,171	3,755,304	39.0
41-42	0.002621	96,052	252	95,926	3,659,133	38.1
42-43	0.002807	95,800	269	95,665	3,563,207	37.2

Table AL-3. Life table for females: Alabama, 2022

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
43-44	0.003057	95,531	292	95,385	3,467,542	36.3
44-45	0.003365	95,239	321	95,079	3,372,157	35.4
45-46	0.003728	94,918	354	94,741	3,277,078	34.5
46-47	0.004102	94,565	388	94,371	3,182,337	33.7
47-48	0.004440	94,177	418	93,968	3,087,966	32.8
48-49	0.004701	93,758	441	93,538	2,993,999	31.9
49-50	0.004912	93,318	458	93,088	2,900,461	31.1
50-51	0.005116	92,859	475	92,622	2,807,372	30.2
51-52	0.005372	92,384	496	92,136	2,714,751	29.4
52-53	0.005713	91,888	525	91,625	2,622,615	28.5
53-54	0.006171	91,363	564	91,081	2,530,989	27.7
54-55	0.006732	90,799	611	90,493	2,439,908	26.9
55-56	0.007334	90,188	661	89,857	2,349,415	26.1
56-57	0.007952	89,526	712	89,170	2,259,558	25.2
57-58	0.008612	88,815	765	88,432	2,170,387	24.4
58-59	0.009298	88,050	819	87,640	2,081,955	23.6
59-60	0.009996	87,231	872	86,795	1,994,315	22.9
60-61	0.010715	86,359	925	85,896	1,907,520	22.1
61-62	0.011452	85,434	978	84,945	1,821,623	21.3
62-63	0.012197	84,455	1,030	83,940	1,736,679	20.6
63-64	0.012962	83,425	1,081	82,885	1,652,738	19.8
64-65	0.013778	82,344	1,135	81,777	1,569,854	19.1
65-66	0.014666	81,209	1,191	80,614	1,488,077	18.3
66-67	0.015691	80,018	1,256	79,391	1,407,463	17.6
67-68	0.016817	78,763	1,325	78,101	1,328,073	16.9
68-69	0.018065	77,438	1,399	76,739	1,249,972	16.1
69-70	0.019454	76,039	1,479	75,300	1,173,234	15.4
70-71	0.020944	74,560	1,562	73,779	1,097,934	14.7
71-72	0.022643	72,998	1,653	72,172	1,024,155	14.0
72-73	0.024737	71,346	1,765	70,463	951,982	13.3
73-74	0.027292	69,581	1,899	68,631	881,519	12.7
74-75	0.030290	67,682	2,050	66,657	812,888	12.0
75-76	0.033697	65,632	2,212	64,526	746,232	11.4
76-77	0.037485	63,420	2,377	62,231	681,706	10.7
77-78	0.041643	61,043	2,542	59,772	619,474	10.1
78-79	0.046105	58,501	2,697	57,152	559,703	9.6
79-80	0.050874	55,804	2,839	54,384	502,551	9.0
80-81	0.056069	52,965	2,970	51,480	448,167	8.5
81-82	0.061848	49,995	3,092	48,449	396,687	7.9
82-83	0.068254	46,903	3,201	45,302	348,238	7.4
83-84	0.075407	43,702	3,295	42,054	302,936	6.9
84-85	0.083674	40,406	3,381	38,716	260,882	6.5
85-86	0.093782	37,025	3,472	35,289	222,166	6.0

Table AL-3. Life table for females: Alabama, 2022

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
86–87	0.108767	33,553	3,649	31,728	186,877	5.6
87–88	0.120523	29,903	3,604	28,101	155,149	5.2
88–89	0.133245	26,299	3,504	24,547	127,048	4.8
89–90	0.146949	22,795	3,350	21,120	102,501	4.5
90–91	0.161635	19,445	3,143	17,874	81,380	4.2
91–92	0.177288	16,302	2,890	14,857	63,506	3.9
92–93	0.193875	13,412	2,600	12,112	48,649	3.6
93–94	0.211344	10,812	2,285	9,669	36,537	3.4
94–95	0.229622	8,527	1,958	7,548	26,868	3.2
95–96	0.248618	6,569	1,633	5,752	19,320	2.9
96–97	0.268221	4,936	1,324	4,274	13,568	2.7
97–98	0.288304	3,612	1,041	3,091	9,294	2.6
98–99	0.308726	2,571	794	2,174	6,203	2.4
99–100	0.329335	1,777	585	1,484	4,029	2.3
100 and older	1.000000	1,192	1,192	2,545	2,545	2.1

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