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Table AZ-2. Life table for males: Arizona, 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	0.007045	100,000	705	99,383	7,374,825	73.7
1–2	0.000664	99,295	66	99,263	7,275,442	73.3
2–3	0.000247	99,230	25	99,217	7,176,179	72.3
3–4	0.000337	99,205	33	99,188	7,076,962	71.3
4–5	0.000211	99,172	21	99,161	6,977,774	70.4
5–6	0.000180	99,151	18	99,142	6,878,612	69.4
6–7	0.000166	99,133	16	99,125	6,779,471	68.4
7–8	0.000147	99,116	15	99,109	6,680,346	67.4
8–9	0.000113	99,102	11	99,096	6,581,237	66.4
9–10	0.000068	99,091	7	99,087	6,482,141	65.4
10–11	0.000029	99,084	3	99,082	6,383,054	64.4
11–12	0.000025	99,081	2	99,080	6,283,971	63.4
12–13	0.000087	99,079	9	99,074	6,184,892	62.4
13–14	0.000234	99,070	23	99,058	6,085,817	61.4
14–15	0.000439	99,047	44	99,025	5,986,759	60.4
15–16	0.000669	99,003	66	98,970	5,887,734	59.5
16–17	0.000887	98,937	88	98,893	5,788,764	58.5
17–18	0.001082	98,849	107	98,796	5,689,871	57.6
18–19	0.001235	98,742	122	98,681	5,591,075	56.6
19–20	0.001356	98,620	134	98,553	5,492,394	55.7
20–21	0.001472	98,487	145	98,414	5,393,840	54.8
21–22	0.001595	98,342	157	98,263	5,295,426	53.8
22–23	0.001713	98,185	168	98,101	5,197,163	52.9
23–24	0.001829	98,017	179	97,927	5,099,062	52.0
24–25	0.001949	97,837	191	97,742	5,001,135	51.1
25–26	0.002068	97,647	202	97,546	4,903,393	50.2
26–27	0.002193	97,445	214	97,338	4,805,848	49.3
27–28	0.002332	97,231	227	97,118	4,708,510	48.4
28–29	0.002486	97,004	241	96,884	4,611,392	47.5
29–30	0.002649	96,763	256	96,635	4,514,508	46.7
30–31	0.002809	96,507	271	96,371	4,417,873	45.8
31–32	0.002965	96,236	285	96,093	4,321,502	44.9
32–33	0.003133	95,950	301	95,800	4,225,409	44.0
33–34	0.003286	95,650	314	95,493	4,129,609	43.2
34–35	0.003454	95,336	329	95,171	4,034,116	42.3
35–36	0.003642	95,006	346	94,833	3,938,945	41.5
36–37	0.003826	94,660	362	94,479	3,844,112	40.6
37–38	0.003969	94,298	374	94,111	3,749,633	39.8
38–39	0.004048	93,924	380	93,734	3,655,522	38.9
39–40	0.004082	93,544	382	93,353	3,561,789	38.1
40–41	0.004102	93,162	382	92,971	3,468,436	37.2
41–42	0.004150	92,780	385	92,587	3,375,465	36.4
42–43	0.004247	92,395	392	92,198	3,282,878	35.5

Table AZ-2. Life table for males: Arizona, 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	0.004421	92,002	407	91,799	3,190,680	34.7
44-45	0.004662	91,595	427	91,382	3,098,881	33.8
45-46	0.004960	91,168	452	90,942	3,007,499	33.0
46-47	0.005279	90,716	479	90,477	2,916,557	32.2
47-48	0.005590	90,237	504	89,985	2,826,080	31.3
48-49	0.005860	89,733	526	89,470	2,736,095	30.5
49-50	0.006106	89,207	545	88,935	2,646,625	29.7
50-51	0.006353	88,662	563	88,381	2,557,690	28.8
51-52	0.006661	88,099	587	87,806	2,469,310	28.0
52-53	0.007076	87,512	619	87,203	2,381,504	27.2
53-54	0.007646	86,893	664	86,561	2,294,301	26.4
54-55	0.008354	86,229	720	85,868	2,207,740	25.6
55-56	0.009133	85,508	781	85,118	2,121,872	24.8
56-57	0.009937	84,727	842	84,306	2,036,754	24.0
57-58	0.010775	83,885	904	83,433	1,952,448	23.3
58-59	0.011607	82,981	963	82,500	1,869,015	22.5
59-60	0.012418	82,018	1,018	81,509	1,786,515	21.8
60-61	0.013248	81,000	1,073	80,463	1,705,006	21.0
61-62	0.014099	79,927	1,127	79,363	1,624,542	20.3
62-63	0.014930	78,800	1,176	78,212	1,545,179	19.6
63-64	0.015757	77,623	1,223	77,012	1,466,968	18.9
64-65	0.016623	76,400	1,270	75,765	1,389,956	18.2
65-66	0.017526	75,130	1,317	74,472	1,314,191	17.5
66-67	0.018766	73,813	1,385	73,121	1,239,719	16.8
67-68	0.020111	72,428	1,457	71,700	1,166,598	16.1
68-69	0.021616	70,972	1,534	70,205	1,094,898	15.4
69-70	0.023253	69,438	1,615	68,630	1,024,693	14.8
70-71	0.024971	67,823	1,694	66,976	956,063	14.1
71-72	0.026794	66,129	1,772	65,243	889,087	13.4
72-73	0.028799	64,357	1,853	63,431	823,843	12.8
73-74	0.031032	62,504	1,940	61,534	760,413	12.2
74-75	0.033556	60,564	2,032	59,548	698,878	11.5
75-76	0.036393	58,532	2,130	57,467	639,330	10.9
76-77	0.039650	56,402	2,236	55,284	581,863	10.3
77-78	0.043492	54,166	2,356	52,988	526,579	9.7
78-79	0.048086	51,810	2,491	50,564	473,591	9.1
79-80	0.053508	49,319	2,639	47,999	423,027	8.6
80-81	0.059613	46,680	2,783	45,288	375,028	8.0
81-82	0.066326	43,897	2,912	42,441	329,740	7.5
82-83	0.073690	40,985	3,020	39,475	287,299	7.0
83-84	0.082050	37,965	3,115	36,408	247,823	6.5
84-85	0.091823	34,850	3,200	33,250	211,416	6.1
85-86	0.103220	31,650	3,267	30,017	178,166	5.6

Table AZ-2. Life table for males: Arizona, 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	0.114671	28,383	3,255	26,756	148,149	5.2
87–88	0.128182	25,128	3,221	23,518	121,393	4.8
88–89	0.143182	21,907	3,137	20,339	97,875	4.5
89–90	0.159417	18,771	2,992	17,275	77,536	4.1
90–91	0.176870	15,778	2,791	14,383	60,261	3.8
91–92	0.195498	12,988	2,539	11,718	45,878	3.5
92–93	0.215227	10,449	2,249	9,324	34,160	3.3
93–94	0.235948	8,200	1,935	7,232	24,836	3.0
94–95	0.257527	6,265	1,613	5,458	17,604	2.8
95–96	0.279798	4,652	1,302	4,001	12,145	2.6
96–97	0.302570	3,350	1,014	2,843	8,145	2.4
97–98	0.325635	2,336	761	1,956	5,301	2.3
98–99	0.348774	1,576	550	1,301	3,345	2.1
99–100	0.371766	1,026	381	835	2,044	2.0
100 and older	1.000000	645	645	1,209	1,209	1.9

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

Table AZ-3. Life table for females: Arizona, 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	0.005308	100,000	531	99,542	7,988,560	79.9
1–2	0.000451	99,469	45	99,447	7,889,018	79.3
2–3	0.000334	99,424	33	99,408	7,789,571	78.3
3–4	0.000225	99,391	22	99,380	7,690,163	77.4
4–5	0.000171	99,369	17	99,360	7,590,783	76.4
5–6	0.000135	99,352	13	99,345	7,491,423	75.4
6–7	0.000110	99,338	11	99,333	7,392,078	74.4
7–8	0.000095	99,327	9	99,323	7,292,745	73.4
8–9	0.000088	99,318	9	99,313	7,193,423	72.4
9–10	0.000086	99,309	9	99,305	7,094,109	71.4
10–11	0.000092	99,301	9	99,296	6,994,805	70.4
11–12	0.000108	99,291	11	99,286	6,895,509	69.4
12–13	0.000139	99,281	14	99,274	6,796,223	68.5
13–14	0.000186	99,267	18	99,258	6,696,949	67.5
14–15	0.000244	99,248	24	99,236	6,597,691	66.5
15–16	0.000312	99,224	31	99,209	6,498,455	65.5
16–17	0.000379	99,193	38	99,174	6,399,247	64.5
17–18	0.000430	99,155	43	99,134	6,300,072	63.5
18–19	0.000457	99,113	45	99,090	6,200,938	62.6
19–20	0.000468	99,067	46	99,044	6,101,848	61.6
20–21	0.000477	99,021	47	98,997	6,002,804	60.6
21–22	0.000496	98,974	49	98,949	5,903,806	59.7
22–23	0.000528	98,925	52	98,899	5,804,857	58.7
23–24	0.000578	98,872	57	98,844	5,705,958	57.7
24–25	0.000645	98,815	64	98,784	5,607,114	56.7
25–26	0.000715	98,752	71	98,716	5,508,331	55.8
26–27	0.000789	98,681	78	98,642	5,409,615	54.8
27–28	0.000883	98,603	87	98,560	5,310,972	53.9
28–29	0.000996	98,516	98	98,467	5,212,413	52.9
29–30	0.001119	98,418	110	98,363	5,113,946	52.0
30–31	0.001250	98,308	123	98,246	5,015,583	51.0
31–32	0.001373	98,185	135	98,118	4,917,336	50.1
32–33	0.001476	98,050	145	97,978	4,819,219	49.2
33–34	0.001520	97,906	149	97,831	4,721,241	48.2
34–35	0.001548	97,757	151	97,681	4,623,410	47.3
35–36	0.001566	97,605	153	97,529	4,525,729	46.4
36–37	0.001597	97,453	156	97,375	4,428,200	45.4
37–38	0.001651	97,297	161	97,217	4,330,825	44.5
38–39	0.001740	97,136	169	97,052	4,233,608	43.6
39–40	0.001854	96,967	180	96,877	4,136,556	42.7
40–41	0.001985	96,788	192	96,691	4,039,679	41.7
41–42	0.002112	96,595	204	96,493	3,942,988	40.8
42–43	0.002218	96,391	214	96,285	3,846,494	39.9

Table AZ-3. Life table for females: Arizona, 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	0.002295	96,178	221	96,067	3,750,210	39.0
44-45	0.002358	95,957	226	95,844	3,654,142	38.1
45-46	0.002430	95,731	233	95,614	3,558,298	37.2
46-47	0.002538	95,498	242	95,377	3,462,684	36.3
47-48	0.002693	95,256	257	95,127	3,367,307	35.4
48-49	0.002904	94,999	276	94,861	3,272,180	34.4
49-50	0.003158	94,723	299	94,574	3,177,319	33.5
50-51	0.003431	94,424	324	94,262	3,082,745	32.6
51-52	0.003721	94,100	350	93,925	2,988,483	31.8
52-53	0.004049	93,750	380	93,560	2,894,558	30.9
53-54	0.004427	93,370	413	93,164	2,800,998	30.0
54-55	0.004855	92,957	451	92,731	2,707,835	29.1
55-56	0.005321	92,506	492	92,259	2,615,104	28.3
56-57	0.005810	92,013	535	91,746	2,522,844	27.4
57-58	0.006318	91,479	578	91,190	2,431,098	26.6
58-59	0.006824	90,901	620	90,591	2,339,909	25.7
59-60	0.007323	90,280	661	89,950	2,249,318	24.9
60-61	0.007839	89,619	703	89,268	2,159,368	24.1
61-62	0.008375	88,917	745	88,544	2,070,100	23.3
62-63	0.008913	88,172	786	87,779	1,981,556	22.5
63-64	0.009466	87,386	827	86,973	1,893,777	21.7
64-65	0.010057	86,559	871	86,124	1,806,804	20.9
65-66	0.010675	85,688	915	85,231	1,720,680	20.1
66-67	0.011486	84,774	974	84,287	1,635,449	19.3
67-68	0.012392	83,800	1,038	83,281	1,551,162	18.5
68-69	0.013448	82,762	1,113	82,205	1,467,881	17.7
69-70	0.014640	81,649	1,195	81,051	1,385,676	17.0
70-71	0.015937	80,453	1,282	79,812	1,304,625	16.2
71-72	0.017341	79,171	1,373	78,485	1,224,813	15.5
72-73	0.018896	77,798	1,470	77,063	1,146,328	14.7
73-74	0.020620	76,328	1,574	75,541	1,069,265	14.0
74-75	0.022556	74,754	1,686	73,911	993,724	13.3
75-76	0.024723	73,068	1,806	72,165	919,813	12.6
76-77	0.027255	71,262	1,942	70,291	847,648	11.9
77-78	0.030292	69,319	2,100	68,270	777,357	11.2
78-79	0.033956	67,220	2,282	66,078	709,088	10.5
79-80	0.038285	64,937	2,486	63,694	643,009	9.9
80-81	0.043309	62,451	2,705	61,099	579,315	9.3
81-82	0.049039	59,746	2,930	58,281	518,217	8.7
82-83	0.055463	56,816	3,151	55,241	459,935	8.1
83-84	0.062548	53,665	3,357	51,987	404,695	7.5
84-85	0.070454	50,309	3,544	48,536	352,708	7.0
85-86	0.079420	46,764	3,714	44,907	304,171	6.5

Table AZ-3. Life table for females: Arizona, 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	0.090102	43,050	3,879	41,111	259,264	6.0
87–88	0.101972	39,171	3,994	37,174	218,154	5.6
88–89	0.115094	35,177	4,049	33,153	180,980	5.1
89–90	0.129516	31,128	4,032	29,112	147,827	4.7
90–91	0.145270	27,097	3,936	25,128	118,715	4.4
91–92	0.162361	23,160	3,760	21,280	93,586	4.0
92–93	0.180766	19,400	3,507	17,646	72,306	3.7
93–94	0.200428	15,893	3,185	14,300	54,660	3.4
94–95	0.221254	12,708	2,812	11,302	40,359	3.2
95–96	0.243117	9,896	2,406	8,693	29,057	2.9
96–97	0.265850	7,490	1,991	6,495	20,364	2.7
97–98	0.289257	5,499	1,591	4,704	13,870	2.5
98–99	0.313115	3,908	1,224	3,296	9,166	2.3
99–100	0.337182	2,685	905	2,232	5,870	2.2
100 and older	1.000000	1,779	1,779	3,638	3,638	2.0

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