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Table PA-2. Life table for males: Pennsylvania, 2020

	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 over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005935	100,000	594	99,492	7,398,255	74.0
1-2	0.000430	99,406	43	99,385	7,298,763	73.4
2-3	0.000356	99,364	35	99,346	7,199,378	72.5
3-4	0.000211	99,328	21	99,318	7,100,032	71.5
4-5	0.000097	99,307	10	99,303	7,000,714	70.5
5-6	0.000171	99,298	17	99,289	6,901,411	69.5
6-7	0.000159	99,281	16	99,273	6,802,122	68.5
7-8	0.000145	99,265	14	99,258	6,702,849	67.5
8-9	0.000125	99,251	12	99,244	6,603,591	66.5
9-10	0.000102	99,238	10	99,233	6,504,347	65.5
10-11	0.000086	99,228	9	99,224	6,405,114	64.5
11-12	0.000090	99,220	9	99,215	6,305,890	63.6
12-13	0.000132	99,211	13	99,204	6,206,675	62.6
13-14	0.000220	99,197	22	99,187	6,107,471	61.6
14-15	0.000342	99,176	34	99,159	6,008,285	60.6
15-16	0.000476	99,142	47	99,118	5,909,126	59.6
16-17	0.000611	99,094	61	99,064	5,810,008	58.6
17-18	0.000754	99,034	75	98,997	5,710,944	57.7
18-19	0.000908	98,959	90	98,914	5,611,947	56.7
19-20	0.001072	98,869	106	98,816	5,513,033	55.8
20-21	0.001248	98,763	123	98,702	5,414,217	54.8
21-22	0.001428	98,640	141	98,570	5,315,515	53.9
22-23	0.001598	98,499	157	98,421	5,216,945	53.0
23-24	0.001744	98,342	172	98,256	5,118,525	52.0
24-25	0.001868	98,170	183	98,079	5,020,269	51.1
25-26	0.001980	97,987	194	97,890	4,922,190	50.2
26-27	0.002092	97,793	205	97,691	4,824,300	49.3
27-28	0.002202	97,588	215	97,481	4,726,609	48.4
28-29	0.002316	97,373	225	97,261	4,629,129	47.5
29-30	0.002431	97,148	236	97,030	4,531,868	46.6
30-31	0.002542	96,912	246	96,789	4,434,838	45.8
31-32	0.002646	96,665	256	96,538	4,338,049	44.9
32-33	0.002718	96,410	262	96,279	4,241,512	44.0
33-34	0.002843	96,148	273	96,011	4,145,233	43.1

Table PA-2. Life table for males: Pennsylvania, 2020

	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 over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
34-35	0.002940	95,874	282	95,733	4,049,222	42.2
35-36	0.003052	95,592	292	95,447	3,953,489	41.4
36-37	0.003165	95,301	302	95,150	3,858,042	40.5
37-38	0.003245	94,999	308	94,845	3,762,893	39.6
38-39	0.003275	94,691	310	94,536	3,668,048	38.7
39-40	0.003273	94,381	309	94,226	3,573,512	37.9
40-41	0.003271	94,072	308	93,918	3,479,286	37.0
41-42	0.003306	93,764	310	93,609	3,385,368	36.1
42-43	0.003396	93,454	317	93,295	3,291,759	35.2
43-44	0.003561	93,137	332	92,971	3,198,464	34.3
44-45	0.003791	92,805	352	92,629	3,105,493	33.5
45-46	0.004063	92,453	376	92,265	3,012,864	32.6
46-47	0.004362	92,077	402	91,877	2,920,599	31.7
47-48	0.004695	91,676	430	91,461	2,828,722	30.9
48-49	0.005056	91,245	461	91,015	2,737,262	30.0
49-50	0.005446	90,784	494	90,537	2,646,247	29.1
50-51	0.005868	90,290	530	90,025	2,555,710	28.3
51-52	0.006330	89,760	568	89,476	2,465,686	27.5
52-53	0.006834	89,192	610	88,887	2,376,210	26.6
53-54	0.007382	88,582	654	88,255	2,287,323	25.8
54-55	0.007973	87,928	701	87,578	2,199,068	25.0
55-56	0.008562	87,227	747	86,854	2,111,490	24.2
56-57	0.009186	86,480	794	86,083	2,024,637	23.4
57-58	0.009933	85,686	851	85,260	1,938,554	22.6
58-59	0.010838	84,835	919	84,375	1,853,293	21.8
59-60	0.011862	83,915	995	83,418	1,768,918	21.1
60-61	0.012954	82,920	1,074	82,383	1,685,501	20.3
61-62	0.014040	81,846	1,149	81,271	1,603,118	19.6
62-63	0.015101	80,697	1,219	80,087	1,521,847	18.9
63-64	0.016129	79,478	1,282	78,837	1,441,759	18.1
64-65	0.017173	78,196	1,343	77,525	1,362,922	17.4
65-66	0.018304	76,853	1,407	76,150	1,285,397	16.7
66-67	0.019743	75,447	1,490	74,702	1,209,247	16.0
67-68	0.021209	73,957	1,569	73,173	1,134,545	15.3

Table PA-2. Life table for males: Pennsylvania, 2020

	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 over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
68-69	0.022753	72,388	1,647	71,565	1,061,373	14.7
69-70	0.024400	70,741	1,726	69,878	989,808	14.0
70-71	0.026208	69,015	1,809	68,111	919,929	13.3
71-72	0.028288	67,207	1,901	66,256	851,818	12.7
72-73	0.030730	65,305	2,007	64,302	785,562	12.0
73-74	0.033622	63,299	2,128	62,235	721,260	11.4
74-75	0.037070	61,170	2,268	60,037	659,026	10.8
75-76	0.041094	58,903	2,421	57,693	598,989	10.2
76-77	0.045661	56,482	2,579	55,193	541,297	9.6
77-78	0.050793	53,903	2,738	52,534	486,104	9.0
78-79	0.056413	51,165	2,886	49,722	433,570	8.5
79-80	0.062531	48,279	3,019	46,769	383,847	8.0
80-81	0.069180	45,260	3,131	43,694	337,078	7.4
81-82	0.076439	42,129	3,220	40,519	293,384	7.0
82-83	0.084446	38,909	3,286	37,266	252,865	6.5
83-84	0.093424	35,623	3,328	33,959	215,599	6.1
84-85	0.103704	32,295	3,349	30,620	181,640	5.6
85-86	0.115426	28,946	3,341	27,275	151,020	5.2
86-87	0.128565	25,605	3,292	23,959	123,744	4.8
87-88	0.143441	22,313	3,201	20,713	99,786	4.5
88-89	0.159528	19,112	3,049	17,588	79,073	4.1
89-90	0.176810	16,063	2,840	14,643	61,485	3.8
90-91	0.195243	13,223	2,582	11,932	46,842	3.5
91-92	0.214755	10,641	2,285	9,499	34,910	3.3
92-93	0.235244	8,356	1,966	7,373	25,411	3.0
93-94	0.256578	6,390	1,640	5,571	18,038	2.8
94-95	0.278597	4,751	1,324	4,089	12,467	2.6
95-96	0.301119	3,427	1,032	2,911	8,378	2.4
96-97	0.323941	2,395	776	2,007	5,467	2.3
97-98	0.346852	1,619	562	1,338	3,460	2.1
98-99	0.369636	1,058	391	862	2,121	2.0
99-100	0.392081	667	261	536	1,259	1.9
100 and over	1.000000	405	405	723	723	1.8

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

Table PA-3. Life table for females: Pennsylvania, 2020

	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 over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005124	100,000	512	99,534	7,962,300	79.6
1-2	0.000300	99,488	30	99,473	7,862,765	79.0
2-3	0.000284	99,458	28	99,444	7,763,293	78.1
3-4	0.000207	99,429	21	99,419	7,663,849	77.1
4-5	0.000204	99,409	20	99,399	7,564,430	76.1
5-6	0.000115	99,389	11	99,383	7,465,031	75.1
6-7	0.000080	99,377	8	99,373	7,365,648	74.1
7-8	0.000058	99,369	6	99,366	7,266,275	73.1
8-9	0.000049	99,363	5	99,361	7,166,908	72.1
9-10	0.000051	99,359	5	99,356	7,067,547	71.1
10-11	0.000062	99,354	6	99,350	6,968,191	70.1
11-12	0.000080	99,347	8	99,343	6,868,841	69.1
12-13	0.000102	99,339	10	99,334	6,769,498	68.1
13-14	0.000125	99,329	12	99,323	6,670,163	67.2
14-15	0.000150	99,317	15	99,309	6,570,841	66.2
15-16	0.000179	99,302	18	99,293	6,471,531	65.2
16-17	0.000214	99,284	21	99,273	6,372,238	64.2
17-18	0.000251	99,263	25	99,250	6,272,965	63.2
18-19	0.000290	99,238	29	99,224	6,173,714	62.2
19-20	0.000334	99,209	33	99,193	6,074,491	61.2
20-21	0.000379	99,176	38	99,157	5,975,298	60.2
21-22	0.000429	99,138	43	99,117	5,876,141	59.3
22-23	0.000494	99,096	49	99,071	5,777,024	58.3
23-24	0.000575	99,047	57	99,018	5,677,952	57.3
24-25	0.000665	98,990	66	98,957	5,578,934	56.4
25-26	0.000758	98,924	75	98,887	5,479,977	55.4
26-27	0.000845	98,849	84	98,807	5,381,090	54.4
27-28	0.000917	98,766	91	98,720	5,282,283	53.5
28-29	0.000970	98,675	96	98,627	5,183,563	52.5
29-30	0.001009	98,579	100	98,530	5,084,935	51.6
30-31	0.001048	98,480	103	98,428	4,986,406	50.6
31-32	0.001091	98,377	107	98,323	4,887,978	49.7
32-33	0.001124	98,269	110	98,214	4,789,655	48.7
33-34	0.001174	98,159	115	98,101	4,691,441	47.8

Table PA-3. Life table for females: Pennsylvania, 2020

	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 over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
34-35	0.001220	98,044	120	97,984	4,593,339	46.8
35-36	0.001267	97,924	124	97,862	4,495,356	45.9
36-37	0.001322	97,800	129	97,735	4,397,494	45.0
37-38	0.001403	97,671	137	97,602	4,299,759	44.0
38-39	0.001517	97,534	148	97,460	4,202,156	43.1
39-40	0.001657	97,386	161	97,305	4,104,697	42.1
40-41	0.001826	97,224	178	97,135	4,007,392	41.2
41-42	0.002000	97,047	194	96,950	3,910,256	40.3
42-43	0.002148	96,853	208	96,749	3,813,307	39.4
43-44	0.002250	96,645	217	96,536	3,716,558	38.5
44-45	0.002325	96,427	224	96,315	3,620,022	37.5
45-46	0.002406	96,203	231	96,087	3,523,707	36.6
46-47	0.002521	95,971	242	95,850	3,427,620	35.7
47-48	0.002675	95,729	256	95,601	3,331,770	34.8
48-49	0.002877	95,473	275	95,336	3,236,169	33.9
49-50	0.003119	95,199	297	95,050	3,140,832	33.0
50-51	0.003381	94,902	321	94,741	3,045,782	32.1
51-52	0.003659	94,581	346	94,408	2,951,041	31.2
52-53	0.003968	94,235	374	94,048	2,856,633	30.3
53-54	0.004308	93,861	404	93,659	2,762,585	29.4
54-55	0.004676	93,456	437	93,238	2,668,927	28.6
55-56	0.005048	93,019	470	92,785	2,575,689	27.7
56-57	0.005440	92,550	503	92,298	2,482,904	26.8
57-58	0.005888	92,046	542	91,775	2,390,606	26.0
58-59	0.006409	91,504	586	91,211	2,298,830	25.1
59-60	0.006987	90,918	635	90,600	2,207,619	24.3
60-61	0.007618	90,283	688	89,939	2,117,019	23.4
61-62	0.008262	89,595	740	89,225	2,027,080	22.6
62-63	0.008891	88,855	790	88,460	1,937,855	21.8
63-64	0.009502	88,065	837	87,646	1,849,395	21.0
64-65	0.010135	87,228	884	86,786	1,761,748	20.2
65-66	0.010817	86,344	934	85,877	1,674,962	19.4
66-67	0.011707	85,410	1,000	84,910	1,589,085	18.6
67-68	0.012741	84,410	1,075	83,872	1,504,175	17.8

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	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 over age x	Expectation of life at age x
Age (years)	q_x	l_x	d_x	L_x	T_x	e_x
68-69	0.013986	83,335	1,166	82,752	1,420,303	17.0
69-70	0.015423	82,169	1,267	81,536	1,337,551	16.3
70-71	0.017033	80,902	1,378	80,213	1,256,015	15.5
71-72	0.018810	79,524	1,496	78,776	1,175,802	14.8
72-73	0.020780	78,028	1,621	77,217	1,097,026	14.1
73-74	0.022976	76,407	1,756	75,529	1,019,809	13.3
74-75	0.025482	74,651	1,902	73,700	944,280	12.6
75-76	0.028364	72,749	2,063	71,717	870,580	12.0
76-77	0.031626	70,685	2,235	69,568	798,862	11.3
77-78	0.035253	68,450	2,413	67,244	729,295	10.7
78-79	0.039275	66,037	2,594	64,740	662,051	10.0
79-80	0.043798	63,443	2,779	62,054	597,311	9.4
80-81	0.048858	60,665	2,964	59,183	535,257	8.8
81-82	0.054587	57,701	3,150	56,126	476,074	8.3
82-83	0.061173	54,551	3,337	52,883	419,948	7.7
83-84	0.068697	51,214	3,518	49,455	367,066	7.2
84-85	0.077383	47,696	3,691	45,850	317,611	6.7
85-86	0.087757	44,005	3,862	42,074	271,761	6.2
86-87	0.096460	40,143	3,872	38,207	229,686	5.7
87-88	0.109386	36,271	3,968	34,287	191,479	5.3
88-89	0.123669	32,303	3,995	30,306	157,192	4.9
89-90	0.139350	28,308	3,945	26,336	126,886	4.5
90-91	0.156447	24,364	3,812	22,458	100,550	4.1
91-92	0.174945	20,552	3,595	18,754	78,092	3.8
92-93	0.194796	16,957	3,303	15,305	59,338	3.5
93-94	0.215910	13,654	2,948	12,180	44,033	3.2
94-95	0.238157	10,706	2,550	9,431	31,853	3.0
95-96	0.261368	8,156	2,132	7,090	22,423	2.7
96-97	0.285335	6,024	1,719	5,165	15,332	2.5
97-98	0.309819	4,305	1,334	3,638	10,168	2.4
98-99	0.334561	2,971	994	2,474	6,529	2.2
99-100	0.359289	1,977	710	1,622	4,055	2.1
100 and over	1.000000	1,267	1,267	2,433	2,433	1.9

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