Table PA-1. Life table for the total population: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00706	100,000	706	99,647	7,701,769	77.02
1-2	0.00042	99,294	42	99,273	7,602,122	76.56
2-3	0.00030	99,252	30	99,237	7,502,849	75.59
3-4	0.00024	99,222	24	99,210	7,403,612	74.62
4-5	0.00021	99,198	21	99,187	7,304,402	73.63
5-6	0.00019	99,177	19	99,167	7,205,214	72.65
6-7	0.00018	99,158	18	99,149	7,106,047	71.66
7-8	0.00017	99,140	17	99,131	7,006,898	70.68
8-9	0.00015	99,122	15	99,115	6,907,767	69.69
9-10	0.00013	99,107	13	99,101	6,808,652	68.70
10-11	0.00010	99,095	10	99,089	6,709,551	67.71
11-12	0.00010	99,084	10	99,079	6,610,462	66.72
12-13	0.00013	99,075	13	99,068	6,511,383	65.72
13-14	0.00020	99,062	20	99,052	6,412,314	64.73
14-15	0.00031	99,042	31	99,026	6,313,263	63.74
15-16	0.00043	99,011	42	98,990	6,214,236	62.76
16-17	0.00054	98,969	53	98,942	6,115,246	61.79
17-18	0.00064	98,915	63	98,884	6,016,304	60.82
18-19	0.00073	98,852	72	98,816	5,917,421	59.86
19-20	0.00082	98,780	81	98,739	5,818,605	58.90
20-21	0.00091	98,699	90	98,654	5,719,866	57.95
21-22	0.00100	98,609	99	98,560	5,621,212	57.00
22-23	0.00105	98,510	103	98,459	5,522,652	56.06
23-24	0.00105	98,407	104	98,355	5,424,193	55.12
24-25	0.00104	98,304	102	98,252	5,325,837	54.18
25-26	0.00104	98,201	102	98,150	5,227,585	53.23
26-27	0.00102	98,099	100	98,049	5,129,435	52.29
27-28	0.00101	97,999	99	97,949	5,031,386	51.34
28-29	0.00099	97,900	97	97,851	4,933,436	50.39
29-30	0.00099	97,803	96	97,755	4,835,585	49.44
30-31	0.00099	97,706	96	97,658	4,737,830	48.49
31-32	0.00100	97,610	98	97,561	4,640,172	47.54
32-33	0.00104	97,512	101	97,462	4,542,611	46.58
33-34	0.00110	97,411	107	97,358	4,445,149	45.63
34-35	0.00118	97,304	115	97,247	4,347,791	44.68
35-36	0.00127	97,189	124	97,128	4,250,545	43.73
36-37	0.00137	97,066	133	96,999	4,153,417	42.79
37-38	0.00148	96,933	144	96,861	4,056,418	41.85
38-39	0.00160	96,789	155	96,712	3,959,557	40.91
39-40	0.00172	96,634	166	96,551	3,862,845	39.97
40-41	0.00186	96,468	180	96,378	3,766,294	39.04
41-42	0.00202	96,288	195	96,191	3,669,916	38.11
42-43	0.00220	96,093	212	95,987	3,573,726	37.19
43-44	0.00239	95,882	230	95,767	3,477,739	36.27
44-45	0.00261	95,652	249	95,527	3,381,972	35.36
45-46	0.00284	95,403	271	95,267	3,286,445	34.45
46-47	0.00310	95,132	294	94,984	3,191,178	33.54
47-48	0.00337	94,837	320	94,677	3,096,193	32.65
48-49	0.00368	94,517	348	94,343	3,001,516	31.76
49-50	0.00401	94,169	378	93,980	2,907,173	30.87
50-51	0.00438	93,792	410	93,586	2,813,193	29.99
51-52	0.00477	93,381	446	93,158	2,719,606	29.12

52-53	0.00521	92,935	484	92,693	2,626,448	28.26
53-54	0.00568	92,451	525	92,189	2,533,755	27.41
54-55	0.00620	91,926	570	91,641	2,441,566	26.56
55-56	0.00676	91,356	618	91,047	2,349,925	25.72
56-57	0.00738	90,738	670	90,403	2,258,878	24.89
57-58	0.00805	90,068	725	89,706	2,168,475	24.08
58-59	0.00879	89,343	786	88,950	2,078,769	23.27
59-60	0.00960	88,558	850	88,132	1,989,819	22.47
60-61	0.01049	87,707	920	87,247	1,901,686	21.68
61-62	0.01146	86,787	994	86,290	1,814,439	20.91
62-63	0.01251	85,793	1,073	85,257	1,728,149	20.14
63-64	0.01365	84,720	1,157	84,142	1,642,892	19.39
64-65	0.01490	83,563	1,245	82,941	1,558,751	18.65
65-66	0.01625	82,318	1,338	81,650	1,475,810	17.93
66-67	0.01773	80,981	1,436	80,263	1,394,160	17.22
67-68	0.01935	79,545	1,539	78,775	1,313,898	16.52
68-69	0.02111	78,006	1,646	77,182	1,235,123	15.83
69-70	0.02302	76,359	1,758	75,480	1,157,940	15.16
70-71	0.02512	74,601	1,874	73,664	1,082,460	14.51
71-72	0.02740	72,727	1,993	71,731	1,008,795	13.87
72-73	0.02988	70,735	2,113	69,678	937,064	13.25
73-74	0.03256	68,621	2,234	67,504	867,387	12.64
74-75	0.03547	66,387	2,355	65,209	799,883	12.05
75-76	0.03861	64,032	2,472	62,796	734,673	11.47
76-77	0.04202	61,560	2,587	60,266	671,877	10.91
77-78	0.04574	58,973	2,697	57,624	611,611	10.37
78-79	0.04979	56,276	2,802	54,875	553,986	9.84
79-80	0.05418	53,474	2,897	52,025	499,112	9.33
80-81	0.05939	50,576	3,004	49,074	447,087	8.84
81-82	0.06475	47,573	3,081	46,032	398,012	8.37
82-83	0.07057	44,492	3,140	42,922	351,980	7.91
83-84	0.07687	41,352	3,179	39,763	309,058	7.47
84-85	0.08368	38,173	3,195	36,576	269,295	7.05
85-86	0.09105	34,979	3,185	33,387	232,719	6.65
86-87	0.09899	31,794	3,147	30,220	199,332	6.27
87-88	0.10756	28,647	3,081	27,106	169,112	5.90
88-89	0.11677	25,566	2,985	24,073	142,006	5.55
89-90	0.12666	22,580	2,860	21,150	117,933	5.22
90-91	0.13727	19,720	2,707	18,367	96,782	4.91
91-92	0.14862	17,013	2,528	15,749	78,415	4.61
92-93	0.16074	14,485	2,328	13,321	62,666	4.33
93-94	0.17365	12,157	2,111	11,101	49,346	4.06
94-95	0.18737	10,046	1,882	9,104	38,245	3.81
95-96	0.20193	8,163	1,648	7,339	29,140	3.57
96-97	0.21731	6,515	1,416	5,807	21,801	3.35
97-98	0.23354	5,099	1,191	4,504	15,994	3.14
98-99	0.25059	3,908	979	3,419	11,490	2.94
99-100	0.26847	2,929	786	2,536	8,072	2.76
100-101	0.28714	2,143	615	1,835	5,536	2.58
101-102	0.30658	1,527	468	1,293	3,701	2.42
102-103	0.32674	1,059	346	886	2,408	2.27
103-104	0.34757	713	248	589	1,521	2.13
104-105	0.36901	465	172	379	932	2.00
105-106	0.39099	294	115	236	553	1.88
106-107	0.41344	179	74	142	317	1.77
107-108	0.43627	105	46	82	175	1.67
108-109	0.45938	59	27	46	93	1.57
109-110	0.48268	32	15	24	47	1.48

Table PA-2. Life table for males: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00785	100,000	785	99,608	7,409,192	74.09
1-2	0.00049	99,215	49	99,191	7,309,584	73.67
2-3	0.00035	99,167	35	99,149	7,210,393	72.71
3-4	0.00027	99,132	27	99,118	7,111,244	71.74
4-5	0.00023	99,105	22	99,094	7,012,125	70.75
5-6	0.00021	99,083	20	99,073	6,913,031	69.77
6-7	0.00020	99,062	19	99,053	6,813,959	68.78
7-8	0.00018	99,043	18	99,034	6,714,906	67.80
8-9	0.00016	99,025	16	99,017	6,615,872	66.81
9-10	0.00013	99,009	13	99,003	6,516,855	65.82
10-11	0.00010	98,996	10	98,991	6,417,853	64.83
11-12	0.00010	98,986	10	98,981	6,318,862	63.84
12-13	0.00015	98,976	15	98,968	6,219,881	62.84
13-14	0.00026	98,961	26	98,948	6,120,913	61.85
14-15	0.00041	98,935	41	98,915	6,021,965	60.87
15-16	0.00058	98,894	58	98,865	5,923,050	59.89
16-17	0.00074	98,837	73	98,800	5,824,185	58.93
17-18	0.00090	98,763	89	98,719	5,725,385	57.97
18-19	0.00106	98,674	104	98,622	5,626,666	57.02
19-20	0.00121	98,570	119	98,510	5,528,044	56.08
20-21	0.00139	98,451	137	98,382	5,429,533	55.15
21-22	0.00156	98,314	154	98,237	5,331,151	54.23
22-23	0.00165	98,160	162	98,079	5,232,914	53.31
23-24	0.00165	97,999	161	97,918	5,134,835	52.40
24-25	0.00161	97,837	158	97,759	5,036,916	51.48
25-26	0.00159	97,680	155	97,602	4,939,158	50.56
26-27	0.00154	97,525	150	97,450	4,841,556	49.64
27-28	0.00149	97,375	145	97,302	4,744,106	48.72
28-29	0.00144	97,230	140	97,160	4,646,803	47.79
29-30	0.00141	97,090	137	97,021	4,549,643	46.86
30-31	0.00139	96,953	135	96,886	4,452,622	45.93
31-32	0.00139	96,818	135	96,751	4,355,736	44.99
32-33	0.00141	96,684	136	96,615	4,258,985	44.05
33-34	0.00145	96,547	140	96,477	4,162,370	43.11
34-35	0.00152	96,407	146	96,334	4,065,893	42.17
35-36	0.00160	96,261	154	96,184	3,969,559	41.24
36-37	0.00170	96,107	163	96,025	3,873,375	40.30
37-38	0.00182	95,944	175	95,856	3,777,349	39.37
38-39	0.00196	95,769	188	95,675	3,681,493	38.44
39-40	0.00213	95,581	203	95,479	3,585,819	37.52
40-41	0.00231	95,377	220	95,267	3,490,340	36.60
41-42	0.00251	95,157	239	95,038	3,395,072	35.68
42-43	0.00273	94,919	259	94,789	3,300,034	34.77
43-44	0.00298	94,659	282	94,518	3,205,246	33.86

44-45	0.00325	94,377	307	94,223	3,110,728	32.96
45-46	0.00355	94,070	334	93,903	3,016,504	32.07
46-47	0.00388	93,736	363	93,554	2,922,601	31.18
47-48	0.00423	93,373	395	93,175	2,829,047	30.30
48-49	0.00463	92,977	430	92,762	2,735,872	29.43
49-50	0.00505	92,547	468	92,314	2,643,109	28.56
50-51	0.00552	92,080	508	91,826	2,550,796	27.70
51-52	0.00603	91,572	552	91,295	2,458,970	26.85
52-53	0.00659	91,019	600	90,720	2,367,675	26.01
53-54	0.00720	90,420	651	90,094	2,276,955	25.18
54-55	0.00786	89,769	706	89,416	2,186,861	24.36
55-56	0.00859	89,064	765	88,681	2,097,444	23.55
56-57	0.00938	88,299	828	87,885	2,008,763	22.75
57-58	0.01024	87,471	896	87,023	1,920,878	21.96
58-59	0.01118	86,575	968	86,091	1,833,855	21.18
59-60	0.01221	85,607	1,046	85,084	1,747,764	20.42
60-61	0.01333	84,561	1,128	83,997	1,662,680	19.66
61-62	0.01456	83,434	1,215	82,826	1,578,683	18.92
62-63	0.01589	82,219	1,307	81,566	1,495,857	18.19
63-64	0.01735	80,912	1,404	80,211	1,414,291	17.48
64-65	0.01893	79,509	1,505	78,756	1,334,080	16.78
65-66	0.02066	78,004	1,611	77,198	1,255,324	16.09
66-67	0.02254	76,392	1,722	75,532	1,178,126	15.42
67-68	0.02458	74,671	1,836	73,753	1,102,595	14.77
68-69	0.02681	72,835	1,953	71,859	1,028,842	14.13
69-70	0.02923	70,882	2,072	69,846	956,983	13.50
70-71	0.03187	68,810	2,193	67,714	887,137	12.89
71-72	0.03473	66,617	2,314	65,460	819,423	12.30
72-73	0.03785	64,303	2,434	63,086	753,963	11.73
73-74	0.04122	61,870	2,551	60,594	690,877	11.17
74-75	0.04489	59,319	2,663	57,988	630,283	10.63
75-76	0.04887	56,656	2,769	55,272	572,295	10.10
76-77	0.05317	53,888	2,865	52,455	517,023	9.59
77-78	0.05784	51,022	2,951	49,547	464,568	9.11
78-79	0.06288	48,071	3,023	46,560	415,021	8.63
79-80	0.06834	45,048	3,079	43,509	368,462	8.18
80-81	0.07423	41,970	3,115	40,412	324,952	7.74
81-82	0.08058	38,854	3,131	37,289	284,540	7.32
82-83	0.08743	35,723	3,123	34,162	247,252	6.92
83-84	0.09480	32,600	3,090	31,055	213,090	6.54
84-85	0.10272	29,509	3,031	27,994	182,035	6.17
85-86	0.11122	26,478	2,945	25,006	154,041	5.82
86-87	0.12033	23,533	2,832	22,117	129,036	5.48
87-88	0.13008	20,702	2,693	19,355	106,918	5.16
88-89	0.14049	18,009	2,530	16,744	87,563	4.86
89-90	0.15158	15,479	2,346	14,306	70,819	4.58
90-91	0.16339	13,132	2,146	12,060	56,513	4.30
91-92	0.17593	10,987	1,933	10,020	44,454	4.05
92-93	0.18921	9,054	1,713	8,197	34,434	3.80
93-94	0.20324	7,341	1,492	6,595	26,236	3.57
94-95	0.21804	5,849	1,275	5,211	19,641	3.36
95-96	0.23360	4,574	1,068	4,039	14,430	3.16
96-97	0.24992	3,505	876	3,067	10,391	2.96

97-98	0.26697	2,629	702	2,278	7,324	2.79
98-99	0.28475	1,927	549	1,653	5,046	2.62
99-100	0.30323	1,378	418	1,169	3,393	2.46
100-101	0.32236	960	310	806	2,223	2.31
101-102	0.34210	651	223	540	1,418	2.18
102-103	0.36241	428	155	351	878	2.05
103-104	0.38322	273	105	221	527	1.93
104-105	0.40447	168	68	134	307	1.82
105-106	0.42609	100	43	79	172	1.72
106-107	0.44799	58	26	45	93	1.62
107-108	0.47009	32	15	24	49	1.53
108-109	0.49231	17	8	13	24	1.45
109-110	0.51456	9	4	6	12	1.38

Table PA-3. Life table for females: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00653	100,000	653	99,673	7,990,252	79.90
1-2	0.00035	99,347	35	99,330	7,890,579	79.42
2-3	0.00026	99,312	25	99,299	7,791,249	78.45
3-4	0.00022	99,287	22	99,276	7,691,950	77.47
4-5	0.00019	99,265	19	99,256	7,592,674	76.49
5-6	0.00018	99,246	18	99,237	7,493,418	75.50
6-7	0.00017	99,228	17	99,219	7,394,181	74.52
7-8	0.00016	99,211	16	99,203	7,294,962	73.53
8-9	0.00015	99,195	14	99,188	7,195,759	72.54
9-10	0.00012	99,180	12	99,174	7,096,572	71.55
10-11	0.00010	99,168	10	99,163	6,997,398	70.56
11-12	0.00009	99,158	9	99,153	6,898,235	69.57
12-13	0.00010	99,148	10	99,143	6,799,082	68.57
13-14	0.00014	99,138	14	99,131	6,699,939	67.58
14-15	0.00020	99,124	20	99,114	6,600,808	66.59
15-16	0.00027	99,104	26	99,091	6,501,694	65.60
16-17	0.00033	99,078	32	99,061	6,402,603	64.62
17-18	0.00037	99,045	37	99,027	6,303,542	63.64
18-19	0.00040	99,008	40	98,989	6,204,515	62.67
19-20	0.00041	98,969	41	98,949	6,105,526	61.69
20-21	0.00042	98,928	42	98,907	6,006,578	60.72
21-22	0.00044	98,887	43	98,865	5,907,670	59.74
22-23	0.00045	98,843	45	98,821	5,808,805	58.77
23-24	0.00046	98,798	46	98,776	5,709,984	57.79
24-25	0.00048	98,753	47	98,729	5,611,209	56.82
25-26	0.00049	98,706	48	98,681	5,512,480	55.85
26-27	0.00051	98,657	50	98,632	5,413,798	54.87
27-28	0.00053	98,607	52	98,581	5,315,166	53.90
28-29	0.00054	98,555	54	98,528	5,216,585	52.93
29-30	0.00056	98,501	56	98,474	5,118,057	51.96
30-31	0.00059	98,446	58	98,417	5,019,583	50.99
31-32	0.00062	98,388	61	98,358	4,921,166	50.02
32-33	0.00067	98,328	66	98,295	4,822,808	49.05
33-34	0.00075	98,262	74	98,225	4,724,514	48.08
34-35	0.00085	98,188	83	98,146	4,626,289	47.12
35-36	0.00095	98,104	94	98,058	4,528,143	46.16
36-37	0.00106	98,011	103	97,959	4,430,085	45.20
37-38	0.00115	97,907	113	97,851	4,332,126	44.25
38-39	0.00124	97,795	121	97,734	4,234,275	43.30
39-40	0.00133	97,673	130	97,608	4,136,541	42.35
40-41	0.00143	97,543	140	97,474	4,038,933	41.41
41-42	0.00155	97,404	151	97,328	3,941,459	40.47
42-43	0.00168	97,253	163	97,171	3,844,131	39.53
43-44	0.00182	97,089	177	97,001	3,746,960	38.59

44-45	0.00198	96,912	192	96,816	3,649,960	37.66
45-46	0.00215	96,721	208	96,617	3,553,143	36.74
46-47	0.00233	96,513	225	96,401	3,456,526	35.81
47-48	0.00253	96,288	244	96,166	3,360,126	34.90
48-49	0.00276	96,044	265	95,912	3,263,960	33.98
49-50	0.00300	95,779	287	95,636	3,168,048	33.08
50-51	0.00327	95,492	312	95,336	3,072,412	32.17
51-52	0.00356	95,180	339	95,010	2,977,076	31.28
52-53	0.00388	94,841	368	94,657	2,882,065	30.39
53-54	0.00424	94,473	400	94,272	2,787,409	29.50
54-55	0.00463	94,072	435	93,855	2,693,136	28.63
55-56	0.00505	93,637	473	93,401	2,599,281	27.76
56-57	0.00552	93,164	514	92,907	2,505,881	26.90
57-58	0.00603	92,650	559	92,370	2,412,974	26.04
58-59	0.00660	92,091	608	91,787	2,320,604	25.20
59-60	0.00722	91,483	661	91,153	2,228,817	24.36
60-61	0.00790	90,822	718	90,464	2,137,664	23.54
61-62	0.00865	90,105	779	89,715	2,047,201	22.72
62-63	0.00947	89,325	846	88,902	1,957,486	21.91
63-64	0.01038	88,479	918	88,020	1,868,583	21.12
64-65	0.01137	87,561	996	87,063	1,780,563	20.34
65-66	0.01246	86,565	1,079	86,026	1,693,500	19.56
66-67	0.01366	85,487	1,168	84,903	1,607,474	18.80
67-68	0.01497	84,319	1,262	83,688	1,522,571	18.06
68-69	0.01642	83,057	1,363	82,375	1,438,883	17.32
69-70	0.01800	81,693	1,470	80,958	1,356,508	16.60
70-71	0.01974	80,223	1,584	79,431	1,275,549	15.90
71-72	0.02165	78,639	1,702	77,788	1,196,118	15.21
72-73	0.02374	76,937	1,826	76,024	1,118,330	14.54
73-74	0.02603	75,111	1,955	74,133	1,042,306	13.88
74-75	0.02855	73,155	2,088	72,111	968,173	13.23
75-76	0.03130	71,067	2,225	69,955	896,062	12.61
76-77	0.03432	68,842	2,363	67,661	826,107	12.00
77-78	0.03762	66,480	2,501	65,230	758,446	11.41
78-79	0.04123	63,979	2,638	62,660	693,216	10.84
79-80	0.04517	61,341	2,771	59,956	630,556	10.28
80-81	0.04948	58,570	2,898	57,121	570,600	9.74
81-82	0.05419	55,672	3,017	54,164	513,479	9.22
82-83	0.05931	52,655	3,123	51,094	459,315	8.72
83-84	0.06490	49,532	3,215	47,925	408,221	8.24
84-85	0.07097	46,318	3,287	44,674	360,296	7.78
85-86	0.07758	43,030	3,338	41,361	315,622	7.33
86-87	0.08475	39,692	3,364	38,010	274,261	6.91
87-88	0.09252	36,328	3,361	34,648	236,251	6.50
88-89	0.10093	32,967	3,327	31,303	201,603	6.12
89-90	0.11002	29,640	3,261	28,009	170,300	5.75
90-91	0.11983	26,379	3,161	24,798	142,290	5.39
91-92	0.13038	23,218	3,027	21,704	117,492	5.06
92-93	0.14173	20,191	2,862	18,760	95,788	4.74
93-94	0.15389	17,329	2,667	15,996	77,028	4.45
94-95	0.16690	14,662	2,447	13,439	61,032	4.16
95-96	0.18078	12,215	2,208	11,111	47,594	3.90
96-97	0.19554	10,007	1,957	9,029	36,483	3.65

97-98	0.21121	8,050	1,700	7,200	27,454	3.41
98-99	0.22779	6,350	1,446	5,627	20,254	3.19
99-100	0.24526	4,903	1,203	4,302	14,627	2.98
100-101	0.26363	3,701	976	3,213	10,325	2.79
101-102	0.28286	2,725	771	2,340	7,112	2.61
102-103	0.30291	1,954	592	1,658	4,772	2.44
103-104	0.32376	1,362	441	1,142	3,114	2.29
104-105	0.34533	921	318	762	1,972	2.14
105-106	0.36756	603	222	492	1,210	2.01
106-107	0.39038	381	149	307	718	1.88
107-108	0.41369	233	96	184	411	1.77
108-109	0.43739	136	60	107	226	1.66
109-110	0.46139	77	35	59	120	1.56

Table PA-4. Life table for the white population: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00575	100,000	575	99,713	7,786,673	77.87
1-2	0.00038	99,425	38	99,406	7,686,961	77.31
2-3	0.00027	99,387	27	99,374	7,587,554	76.34
3-4	0.00022	99,360	22	99,349	7,488,181	75.36
4-5	0.00020	99,338	20	99,329	7,388,831	74.38
5-6	0.00019	99,319	19	99,310	7,289,503	73.39
6-7	0.00018	99,300	18	99,291	7,190,193	72.41
7-8	0.00017	99,282	17	99,273	7,090,902	71.42
8-9	0.00015	99,265	15	99,257	6,991,629	70.43
9-10	0.00012	99,250	12	99,244	6,892,371	69.44
10-11	0.00009	99,237	9	99,233	6,793,128	68.45
11-12	0.00008	99,228	8	99,224	6,693,895	67.46
12-13	0.00011	99,220	11	99,214	6,594,671	66.47
13-14	0.00018	99,209	18	99,200	6,495,457	65.47
14-15	0.00029	99,191	29	99,177	6,396,257	64.48
15-16	0.00040	99,162	40	99,142	6,297,080	63.50
16-17	0.00051	99,122	51	99,097	6,197,938	62.53
17-18	0.00061	99,072	60	99,042	6,098,841	61.56
18-19	0.00069	99,012	68	98,978	5,999,800	60.60
19-20	0.00075	98,944	74	98,906	5,900,822	59.64
20-21	0.00083	98,869	82	98,828	5,801,916	58.68
21-22	0.00091	98,787	89	98,743	5,703,087	57.73
22-23	0.00095	98,698	94	98,651	5,604,345	56.78
23-24	0.00095	98,604	94	98,557	5,505,694	55.84
24-25	0.00092	98,510	90	98,465	5,407,136	54.89
25-26	0.00087	98,420	86	98,377	5,308,671	53.94
26-27	0.00084	98,334	82	98,293	5,210,294	52.99
27-28	0.00082	98,252	81	98,211	5,112,001	52.03
28-29	0.00083	98,171	81	98,131	5,013,790	51.07
29-30	0.00085	98,090	83	98,048	4,915,659	50.11
30-31	0.00087	98,007	86	97,964	4,817,611	49.16
31-32	0.00091	97,921	89	97,877	4,719,646	48.20
32-33	0.00096	97,833	94	97,786	4,621,769	47.24
33-34	0.00102	97,739	100	97,689	4,523,983	46.29
34-35	0.00110	97,639	108	97,585	4,426,295	45.33
35-36	0.00119	97,531	116	97,473	4,328,710	44.38
36-37	0.00128	97,415	125	97,353	4,231,237	43.44
37-38	0.00138	97,291	134	97,223	4,133,884	42.49
38-39	0.00149	97,156	145	97,084	4,036,660	41.55
39-40	0.00161	97,011	157	96,933	3,939,576	40.61
40-41	0.00175	96,855	169	96,770	3,842,643	39.67
41-42	0.00190	96,686	184	96,594	3,745,873	38.74
42-43	0.00207	96,502	200	96,402	3,649,279	37.82
43-44	0.00225	96,302	217	96,194	3,552,877	36.89
44-45	0.00245	96,085	236	95,967	3,456,684	35.98
45-46	0.00267	95,850	256	95,722	3,360,716	35.06
46-47	0.00291	95,594	278	95,454	3,264,995	34.15
47-48	0.00317	95,315	302	95,164	3,169,540	33.25
48-49	0.00346	95,013	329	94,849	3,074,376	32.36
49-50	0.00377	94,684	357	94,506	2,979,528	31.47
50-51	0.00411	94,327	388	94,133	2,885,022	30.59
51-52	0.00449	93,939	421	93,729	2,790,889	29.71

52-53	0.00489	93,518	458	93,289	2,697,160	28.84
53-54	0.00534	93,060	497	92,812	2,603,871	27.98
54-55	0.00582	92,563	539	92,294	2,511,060	27.13
55-56	0.00635	92,024	585	91,732	2,418,766	26.28
56-57	0.00693	91,440	634	91,123	2,327,034	25.45
57-58	0.00756	90,806	687	90,463	2,235,911	24.62
58-59	0.00826	90,119	744	89,747	2,145,448	23.81
59-60	0.00902	89,375	806	88,972	2,055,701	23.00
60-61	0.00985	88,569	873	88,132	1,966,729	22.21
61-62	0.01076	87,696	944	87,224	1,878,597	21.42
62-63	0.01175	86,752	1,020	86,242	1,791,373	20.65
63-64	0.01283	85,732	1,100	85,182	1,705,131	19.89
64-65	0.01400	84,632	1,185	84,040	1,619,949	19.14
65-66	0.01528	83,447	1,275	82,810	1,535,909	18.41
66-67	0.01668	82,172	1,370	81,487	1,453,099	17.68
67-68	0.01820	80,802	1,470	80,066	1,371,612	16.98
68-69	0.01986	79,331	1,575	78,543	1,291,546	16.28
69-70	0.02167	77,756	1,685	76,913	1,213,003	15.60
70-71	0.02364	76,071	1,799	75,172	1,136,090	14.93
71-72	0.02580	74,272	1,916	73,314	1,060,918	14.28
72-73	0.02814	72,356	2,036	71,338	987,604	13.65
73-74	0.03068	70,320	2,157	69,241	916,266	13.03
74-75	0.03343	68,163	2,278	67,023	847,025	12.43
75-76	0.03640	65,884	2,398	64,685	780,001	11.84
76-77	0.03964	63,486	2,516	62,228	715,316	11.27
77-78	0.04317	60,970	2,632	59,654	653,088	10.71
78-79	0.04702	58,338	2,743	56,966	593,435	10.17
79-80	0.05121	55,595	2,847	54,171	536,468	9.65
80-81	0.05615	52,748	2,962	51,267	482,297	9.14
81-82	0.06126	49,786	3,050	48,261	431,030	8.66
82-83	0.06680	46,736	3,122	45,175	382,769	8.19
83-84	0.07281	43,614	3,176	42,026	337,593	7.74
84-85	0.07932	40,438	3,208	38,835	295,567	7.31
85-86	0.08636	37,231	3,215	35,623	256,732	6.90
86-87	0.09396	34,016	3,196	32,418	221,109	6.50
87-88	0.10217	30,819	3,149	29,245	188,692	6.12
88-89	0.11101	27,671	3,072	26,135	159,446	5.76
89-90	0.12051	24,599	2,964	23,117	133,312	5.42
90-91	0.13071	21,635	2,828	20,221	110,195	5.09
91-92	0.14165	18,807	2,664	17,475	89,974	4.78
92-93	0.15335	16,143	2,475	14,905	72,499	4.49
93-94	0.16583	13,667	2,266	12,534	57,594	4.21
94-95	0.17912	11,401	2,042	10,380	45,060	3.95
95=96	0.19323	9,359	1,808	8,455	34,680	3.71
96-97	0.20818	7,550	1,572	6,764	26,226	3.47
97-98	0.22398	5,979	1,339	5,309	19,461	3.26
98-99	0.24062	4,639	1,116	4,081	14,152	3.05
99-100	0.25810	3,523	909	3,068	10,071	2.86
100-101	0.27639	2,614	722	2,253	7,003	2.68
101-102	0.29548	1,891	559	1,612	4,750	2.51
102-103	0.31531	1,332	420	1,122	3,138	2.36
103-104	0.33585	912	306	759	2,016	2.21
104-105	0.35705	606	216	498	1,257	2.07
105-106	0.37883	390	148	316	759	1.95
106-107	0.40111	242	97	193	443	1.83
107-108	0.42383	145	61	114	250	1.72
108-109	0.44687	84	37	65	136	1.62
109-110	0.47016	46	22	35	71	1.53

Table PA-5. Life table for white males: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00654	100,000	654	99,673	7,503,157	75.03
1-2	0.00044	99,346	44	99,324	7,403,484	74.52
2-3	0.00032	99,302	31	99,286	7,304,160	73.55
3-4	0.00024	99,271	24	99,258	7,204,873	72.58
4-5	0.00021	99,246	21	99,236	7,105,615	71.60
5-6	0.00019	99,226	19	99,216	7,006,379	70.61
6-7	0.00019	99,206	19	99,197	6,907,163	69.62
7-8	0.00018	99,188	18	99,179	6,807,966	68.64
8-9	0.00015	99,170	15	99,163	6,708,786	67.65
9-10	0.00012	99,155	12	99,149	6,609,624	66.66
10-11	0.00010	99,143	10	99,138	6,510,475	65.67
11-12	0.00009	99,133	9	99,128	6,411,337	64.67
12-13	0.00014	99,124	13	99,117	6,312,209	63.68
13-14	0.00024	99,111	24	99,099	6,213,091	62.69
14-15	0.00038	99,087	38	99,068	6,113,993	61.70
15-16	0.00054	99,049	53	99,022	6,014,925	60.73
16-17	0.00069	98,996	68	98,962	5,915,902	59.76
17-18	0.00083	98,928	82	98,887	5,816,940	58.80
18-19	0.00096	98,846	95	98,799	5,718,053	57.85
19-20	0.00109	98,751	107	98,698	5,619,255	56.90
20-21	0.00123	98,644	122	98,583	5,520,557	55.96
21-22	0.00138	98,522	136	98,454	5,421,974	55.03
22-23	0.00147	98,386	144	98,314	5,323,520	54.11
23-24	0.00146	98,242	144	98,170	5,225,205	53.19
24-25	0.00139	98,099	136	98,031	5,127,035	52.26
25-26	0.00129	97,963	126	97,900	5,029,004	51.34
26-27	0.00121	97,837	118	97,777	4,931,105	50.40
27-28	0.00116	97,718	113	97,662	4,833,327	49.46
28-29	0.00115	97,605	112	97,549	4,735,665	48.52
29-30	0.00117	97,492	114	97,435	4,638,117	47.57
30-31	0.00120	97,378	116	97,320	4,540,681	46.63
31-32	0.00122	97,262	119	97,202	4,443,361	45.68
32-33	0.00127	97,143	124	97,081	4,346,159	44.74
33-34	0.00133	97,019	130	96,955	4,249,078	43.80
34-35	0.00141	96,890	137	96,821	4,152,123	42.85
35-36	0.00151	96,753	146	96,680	4,055,302	41.91
36-37	0.00161	96,607	156	96,529	3,958,621	40.98
37-38	0.00174	96,452	167	96,368	3,862,092	40.04
38-39	0.00188	96,284	181	96,194	3,765,724	39.11
39-40	0.00204	96,103	196	96,006	3,669,530	38.18
40-41	0.00221	95,908	212	95,802	3,573,525	37.26
41-42	0.00241	95,696	231	95,581	3,477,723	36.34
42-43	0.00263	95,465	251	95,340	3,382,142	35.43
43-44	0.00287	95,214	273	95,078	3,286,803	34.52
44-45	0.00313	94,941	297	94,793	3,191,725	33.62
45-46	0.00342	94,644	323	94,482	3,096,932	32.72
46-47	0.00373	94,321	352	94,145	3,002,450	31.83
47-48	0.00407	93,969	382	93,778	2,908,305	30.95
48-49	0.00444	93,587	416	93,379	2,814,527	30.07
49-50	0.00485	93,171	452	92,945	2,721,148	29.21
50-51	0.00529	92,719	490	92,474	2,628,203	28.35
51-52	0.00577	92,229	532	91,963	2,535,729	27.49

52-53	0.00630	91,696	578	91,408	2,443,766	26.65
53-54	0.00687	91,119	626	90,806	2,352,358	25.82
54-55	0.00750	90,492	679	90,153	2,261,553	24.99
55-56	0.00818	89,814	735	89,446	2,171,400	24.18
56-57	0.00893	89,079	795	88,681	2,081,954	23.37
57-58	0.00974	88,283	860	87,853	1,993,273	22.58
58-59	0.01063	87,423	929	86,959	1,905,420	21.80
59-60	0.01159	86,494	1,002	85,993	1,818,461	21.02
60-61	0.01264	85,492	1,081	84,951	1,732,468	20.26
61-62	0.01379	84,411	1,164	83,829	1,647,516	19.52
62-63	0.01503	83,247	1,251	82,622	1,563,687	18.78
63-64	0.01639	81,996	1,344	81,324	1,481,065	18.06
64-65	0.01787	80,652	1,441	79,931	1,399,742	17.36
65-66	0.01948	79,211	1,543	78,439	1,319,810	16.66
66-67	0.02123	77,668	1,649	76,844	1,241,371	15.98
67-68	0.02313	76,019	1,759	75,140	1,164,527	15.32
68-69	0.02520	74,261	1,872	73,325	1,089,387	14.67
69-70	0.02745	72,389	1,987	71,395	1,016,063	14.04
70-71	0.02990	70,401	2,105	69,349	944,668	13.42
71-72	0.03256	68,296	2,224	67,185	875,319	12.82
72-73	0.03544	66,073	2,342	64,902	808,134	12.23
73-74	0.03857	63,731	2,458	62,502	743,232	11.66
74-75	0.04196	61,273	2,571	59,988	680,730	11.11
75-76	0.04564	58,702	2,679	57,362	620,742	10.57
76-77	0.04962	56,023	2,780	54,633	563,380	10.06
77-78	0.05394	53,243	2,872	51,807	508,747	9.56
78-79	0.05860	50,371	2,952	48,895	456,940	9.07
79-80	0.06364	47,419	3,018	45,911	408,045	8.61
80-81	0.06908	44,402	3,067	42,868	362,135	8.16
81-82	0.07494	41,335	3,098	39,786	319,267	7.72
82-83	0.08127	38,237	3,107	36,683	279,481	7.31
83-84	0.08807	35,129	3,094	33,582	242,798	6.91
84-85	0.09539	32,035	3,056	30,508	209,215	6.53
85-86	0.10324	28,980	2,992	27,484	178,708	6.17
86-87	0.11167	25,988	2,902	24,537	151,224	5.82
87-88	0.12068	23,086	2,786	21,693	126,687	5.49
88-89	0.13032	20,300	2,645	18,977	104,995	5.17
89-90	0.14061	17,654	2,482	16,413	86,018	4.87
90-91	0.15156	15,172	2,299	14,022	69,605	4.59
91-92	0.16321	12,872	2,101	11,822	55,583	4.32
92-93	0.17556	10,771	1,891	9,826	43,761	4.06
93-94	0.18865	8,880	1,675	8,043	33,935	3.82
94-95	0.20246	7,205	1,459	6,476	25,892	3.59
95=96	0.21702	5,746	1,247	5,123	19,416	3.38
96-97	0.23232	4,499	1,045	3,977	14,293	3.18
97-98	0.24835	3,454	858	3,025	10,317	2.99
98-99	0.26511	2,596	688	2,252	7,292	2.81
99-100	0.28258	1,908	539	1,638	5,040	2.64
100-101	0.30073	1,369	412	1,163	3,401	2.48
101-102	0.31952	957	306	804	2,238	2.34
102-103	0.33891	651	221	541	1,434	2.20
103-104	0.35887	431	155	353	893	2.07
104-105	0.37932	276	105	224	540	1.95
105-106	0.40022	171	69	137	316	1.84
106-107	0.42148	103	43	81	179	1.74
107-108	0.44303	59	26	46	98	1.65
108-109	0.46481	33	15	25	52	1.56
109-110	0.48672	18	9	13	26	1.47

Table PA-6. Life table for white females: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.00521	100,000	521	99,739	8,064,787	80.65
1-2	0.00032	99,479	32	99,463	7,965,048	80.07
2-3	0.00022	99,447	22	99,436	7,865,585	79.09
3-4	0.00020	99,425	20	99,415	7,766,149	78.11
4-5	0.00018	99,405	18	99,396	7,666,734	77.13
5-6	0.00018	99,387	18	99,378	7,567,338	76.14
6-7	0.00018	99,369	18	99,360	7,467,960	75.15
7-8	0.00017	99,351	17	99,343	7,368,600	74.17
8-9	0.00015	99,334	15	99,327	7,269,258	73.18
9-10	0.00012	99,319	12	99,313	7,169,931	72.19
10-11	0.00009	99,307	9	99,303	7,070,618	71.20
11-12	0.00007	99,298	7	99,294	6,971,315	70.21
12-13	0.00008	99,291	8	99,287	6,872,021	69.21
13-14	0.00012	99,282	12	99,276	6,772,734	68.22
14-15	0.00019	99,270	19	99,261	6,673,458	67.23
15-16	0.00026	99,251	26	99,238	6,574,197	66.24
16-17	0.00033	99,225	32	99,209	6,474,959	65.26
17-18	0.00038	99,193	37	99,174	6,375,749	64.28
18-19	0.00040	99,156	40	99,136	6,276,575	63.30
19-20	0.00041	99,116	41	99,095	6,177,439	62.33
20-21	0.00042	99,075	41	99,055	6,078,344	61.35
21-22	0.00043	99,034	42	99,013	5,979,289	60.38
22-23	0.00043	98,992	43	98,970	5,880,276	59.40
23-24	0.00044	98,949	44	98,927	5,781,306	58.43
24-25	0.00044	98,905	44	98,883	5,682,379	57.45
25-26	0.00045	98,861	45	98,839	5,583,496	56.48
26-27	0.00046	98,817	46	98,794	5,484,657	55.50
27-28	0.00048	98,771	47	98,747	5,385,863	54.53
28-29	0.00050	98,724	49	98,699	5,287,116	53.55
29-30	0.00052	98,675	51	98,649	5,188,416	52.58
30-31	0.00055	98,623	54	98,596	5,089,768	51.61
31-32	0.00059	98,569	58	98,540	4,991,171	50.64
32-33	0.00065	98,511	64	98,479	4,892,631	49.67
33-34	0.00072	98,447	71	98,412	4,794,152	48.70
34-35	0.00080	98,377	78	98,338	4,695,740	47.73
35-36	0.00088	98,298	86	98,255	4,597,403	46.77
36-37	0.00095	98,212	94	98,165	4,499,147	45.81
37-38	0.00103	98,119	101	98,068	4,400,982	44.85
38-39	0.00111	98,018	109	97,963	4,302,914	43.90
39-40	0.00120	97,909	117	97,850	4,204,951	42.95
40-41	0.00130	97,791	127	97,728	4,107,101	42.00
41-42	0.00140	97,665	137	97,596	4,009,372	41.05
42-43	0.00151	97,528	148	97,454	3,911,776	40.11
43-44	0.00164	97,380	160	97,300	3,814,322	39.17
44-45	0.00178	97,221	173	97,134	3,717,021	38.23
45-46	0.00193	97,048	187	96,954	3,619,887	37.30
46-47	0.00210	96,860	203	96,759	3,522,933	36.37
47-48	0.00228	96,657	221	96,547	3,426,175	35.45
48-49	0.00249	96,436	240	96,316	3,329,628	34.53
49-50	0.00271	96,196	261	96,066	3,233,312	33.61
50-51	0.00295	95,936	283	95,794	3,137,246	32.70
51-52	0.00323	95,652	308	95,498	3,041,452	31.80

52-53	0.00352	95,344	336	95,176	2,945,954	30.90
53-54	0.00385	95,008	366	94,825	2,850,778	30.01
54-55	0.00421	94,642	399	94,443	2,755,953	29.12
55-56	0.00461	94,244	434	94,026	2,661,510	28.24
56-57	0.00505	93,809	473	93,573	2,567,484	27.37
57-58	0.00553	93,336	516	93,078	2,473,911	26.51
58-59	0.00606	92,820	562	92,539	2,380,833	25.65
59-60	0.00664	92,258	613	91,951	2,288,294	24.80
60-61	0.00729	91,645	668	91,311	2,196,343	23.97
61-62	0.00799	90,977	727	90,614	2,105,032	23.14
62-63	0.00877	90,250	792	89,854	2,014,418	22.32
63-64	0.00963	89,458	862	89,028	1,924,564	21.51
64-65	0.01058	88,597	937	88,128	1,835,536	20.72
65-66	0.01161	87,660	1,018	87,151	1,747,408	19.93
66-67	0.01276	86,642	1,105	86,089	1,660,257	19.16
67-68	0.01402	85,536	1,199	84,937	1,574,168	18.40
68-69	0.01540	84,338	1,299	83,688	1,489,231	17.66
69-70	0.01692	83,039	1,405	82,336	1,405,543	16.93
70-71	0.01859	81,634	1,518	80,875	1,323,206	16.21
71-72	0.02043	80,116	1,637	79,297	1,242,332	15.51
72-73	0.02245	78,479	1,762	77,598	1,163,034	14.82
73-74	0.02467	76,717	1,892	75,771	1,085,436	14.15
74-75	0.02710	74,825	2,028	73,811	1,009,665	13.49
75-76	0.02977	72,797	2,167	71,714	935,854	12.86
76-77	0.03270	70,630	2,309	69,475	864,140	12.23
77-78	0.03590	68,321	2,453	67,094	794,665	11.63
78-79	0.03942	65,868	2,596	64,570	727,570	11.05
79-80	0.04326	63,271	2,737	61,903	663,001	10.48
80-81	0.04747	60,534	2,874	59,097	601,098	9.93
81-82	0.05207	57,660	3,002	56,159	542,001	9.40
82-83	0.05709	54,658	3,120	53,098	485,841	8.89
83-84	0.06256	51,538	3,224	49,926	432,743	8.40
84-85	0.06852	48,314	3,311	46,659	382,817	7.92
85-86	0.07502	45,003	3,376	43,315	336,159	7.47
86-87	0.08207	41,627	3,416	39,919	292,843	7.03
87-88	0.08973	38,211	3,429	36,497	252,924	6.62
88-89	0.09803	34,782	3,410	33,077	216,428	6.22
89-90	0.10701	31,373	3,357	29,694	183,350	5.84
90-91	0.11671	28,015	3,270	26,381	153,656	5.48
91-92	0.12717	24,746	3,147	23,172	127,276	5.14
92-93	0.13842	21,599	2,990	20,104	104,103	4.82
93-94	0.15050	18,609	2,801	17,209	83,999	4.51
94-95	0.16343	15,809	2,584	14,517	66,790	4.22
95=96	0.17725	13,225	2,344	12,053	52,273	3.95
96-97	0.19197	10,881	2,089	9,836	40,221	3.70
97-98	0.20761	8,792	1,825	7,879	30,384	3.46
98-99	0.22417	6,967	1,562	6,186	22,505	3.23
99-100	0.24165	5,405	1,306	4,752	16,319	3.02
100-101	0.26005	4,099	1,066	3,566	11,567	2.82
101-102	0.27932	3,033	847	2,609	8,001	2.64
102-103	0.29945	2,186	655	1,859	5,392	2.47
103-104	0.32039	1,531	491	1,286	3,533	2.31
104-105	0.34208	1,041	356	863	2,247	2.16
105-106	0.36446	685	250	560	1,385	2.02
106-107	0.38743	435	169	351	825	1.90
107-108	0.41092	267	110	212	474	1.78
108-109	0.43482	157	68	123	262	1.67
109-110	0.45904	89	41	68	139	1.57

Table PA-7. Life table for the black population: Pennsylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.01546	100,000	1,546	99,227	7,132,046	71.32
1-2	0.00066	98,454	65	98,421	7,032,819	71.43
2-3	0.00049	98,389	49	98,365	6,934,398	70.48
3-4	0.00037	98,340	36	98,322	6,836,033	69.51
4-5	0.00028	98,304	27	98,291	6,737,711	68.54
5-6	0.00022	98,277	21	98,266	6,639,420	67.56
6-7	0.00018	98,255	18	98,247	6,541,154	66.57
7-8	0.00016	98,238	16	98,230	6,442,908	65.58
8-9	0.00015	98,222	15	98,215	6,344,678	64.60
9-10	0.00015	98,207	15	98,200	6,246,463	63.60
10-11	0.00016	98,192	16	98,184	6,148,264	62.61
11-12	0.00020	98,176	19	98,166	6,050,079	61.62
12-13	0.00026	98,157	25	98,144	5,951,913	60.64
13-14	0.00035	98,131	35	98,114	5,853,769	59.65
14-15	0.00048	98,097	47	98,073	5,755,655	58.67
15-16	0.00062	98,050	61	98,019	5,657,582	57.70
16-17	0.00077	97,989	75	97,951	5,559,562	56.74
17-18	0.00095	97,914	93	97,867	5,461,611	55.78
18-19	0.00116	97,821	113	97,764	5,363,744	54.83
19-20	0.00138	97,708	135	97,641	5,265,979	53.90
20-21	0.00163	97,573	160	97,493	5,168,339	52.97
21-22	0.00188	97,414	183	97,322	5,070,845	52.05
22-23	0.00204	97,231	198	97,132	4,973,523	51.15
23-24	0.00206	97,033	200	96,933	4,876,392	50.26
24-25	0.00199	96,832	193	96,736	4,779,459	49.36
25-26	0.00188	96,640	182	96,549	4,682,723	48.46
26-27	0.00182	96,458	176	96,370	4,586,174	47.55
27-28	0.00182	96,282	175	96,195	4,489,804	46.63
28-29	0.00190	96,107	182	96,016	4,393,610	45.72
29-30	0.00202	95,924	194	95,827	4,297,594	44.80
30-31	0.00214	95,730	205	95,628	4,201,767	43.89
31-32	0.00224	95,525	214	95,418	4,106,139	42.98
32-33	0.00234	95,311	223	95,199	4,010,721	42.08
33-34	0.00244	95,088	232	94,972	3,915,522	41.18
34-35	0.00255	94,856	242	94,735	3,820,550	40.28
35-36	0.00268	94,614	253	94,487	3,725,815	39.38
36-37	0.00283	94,360	267	94,227	3,631,328	38.48
37-38	0.00300	94,094	282	93,953	3,537,101	37.59
38-39	0.00320	93,811	300	93,661	3,443,149	36.70
39-40	0.00343	93,511	320	93,351	3,349,487	35.82
40-41	0.00368	93,191	343	93,019	3,256,136	34.94
41-42	0.00396	92,848	368	92,664	3,163,117	34.07
42-43	0.00428	92,480	396	92,282	3,070,453	33.20
43-44	0.00463	92,084	426	91,871	2,978,171	32.34

44-45	0.00500	91,658	458	91,429	2,886,300	31.49
45-46	0.00541	91,200	493	90,953	2,794,871	30.65
46-47	0.00585	90,706	531	90,441	2,703,918	29.81
47-48	0.00632	90,176	570	89,891	2,613,477	28.98
48-49	0.00683	89,606	612	89,299	2,523,586	28.16
49-50	0.00738	88,993	657	88,665	2,434,287	27.35
50-51	0.00797	88,336	704	87,984	2,345,622	26.55
51-52	0.00861	87,632	755	87,255	2,257,638	25.76
52-53	0.00930	86,877	808	86,473	2,170,383	24.98
53-54	0.01003	86,069	864	85,638	2,083,910	24.21
54-55	0.01082	85,206	922	84,745	1,998,272	23.45
55-56	0.01167	84,284	984	83,792	1,913,527	22.70
56-57	0.01258	83,300	1,048	82,776	1,829,736	21.97
57-58	0.01356	82,252	1,116	81,694	1,746,960	21.24
58-59	0.01463	81,136	1,187	80,543	1,665,266	20.52
59-60	0.01578	79,949	1,261	79,319	1,584,724	19.82
60-61	0.01702	78,688	1,339	78,018	1,505,405	19.13
61-62	0.01835	77,349	1,420	76,639	1,427,387	18.45
62-63	0.01978	75,929	1,502	75,178	1,350,748	17.79
63-64	0.02129	74,428	1,585	73,635	1,275,569	17.14
64-65	0.02291	72,843	1,669	72,008	1,201,934	16.50
65-66	0.02464	71,174	1,753	70,297	1,129,926	15.88
66-67	0.02687	69,421	1,865	68,488	1,059,628	15.26
67-68	0.02887	67,555	1,951	66,580	991,140	14.67
68-69	0.03103	65,605	2,036	64,587	924,560	14.09
69-70	0.03336	63,569	2,120	62,509	859,973	13.53
70-71	0.03585	61,448	2,203	60,347	797,465	12.98
71-72	0.03851	59,246	2,281	58,105	737,118	12.44
72-73	0.04136	56,964	2,356	55,786	679,013	11.92
73-74	0.04442	54,608	2,426	53,395	623,227	11.41
74-75	0.04769	52,182	2,489	50,938	569,831	10.92
75-76	0.05118	49,694	2,543	48,422	518,893	10.44
76-77	0.05490	47,150	2,589	45,856	470,471	9.98
77-78	0.05885	44,562	2,622	43,250	424,615	9.53
78-79	0.06301	41,939	2,642	40,618	381,365	9.09
79-80	0.06736	39,297	2,647	37,973	340,747	8.67
80-81	0.07259	36,650	2,660	35,320	302,773	8.26
81-82	0.07786	33,989	2,646	32,666	267,454	7.87
82-83	0.08346	31,343	2,616	30,035	234,788	7.49
83-84	0.08943	28,727	2,569	27,442	204,753	7.13
84-85	0.09578	26,158	2,505	24,905	177,310	6.78
85-86	0.10252	23,652	2,425	22,440	152,405	6.44
86-87	0.10968	21,227	2,328	20,063	129,965	6.12
87-88	0.11726	18,899	2,216	17,791	109,902	5.82
88-89	0.12528	16,683	2,090	15,638	92,111	5.52
89-90	0.13376	14,593	1,952	13,617	76,473	5.24
90-91	0.14270	12,641	1,804	11,739	62,855	4.97
91-92	0.15214	10,837	1,649	10,013	51,116	4.72
92-93	0.16206	9,189	1,489	8,444	41,103	4.47
93-94	0.17248	7,699	1,328	7,035	32,659	4.24
94-95	0.18342	6,371	1,169	5,787	25,624	4.02
95-96	0.19487	5,203	1,014	4,696	19,837	3.81
96-97	0.20683	4,189	866	3,756	15,141	3.61

97-98	0.21931	3,323	729	2,958	11,385	3.43
98-99	0.23230	2,594	603	2,293	8,427	3.25
99-100	0.24579	1,991	489	1,747	6,134	3.08
100-101	0.25978	1,502	390	1,307	4,387	2.92
101-102	0.27425	1,112	305	959	3,081	2.77
102-103	0.28919	807	233	690	2,121	2.63
103-104	0.30458	574	175	486	1,431	2.50
104-105	0.32038	399	128	335	945	2.37
105-106	0.33659	271	91	225	610	2.25
106-107	0.35315	180	64	148	385	2.14
107-108	0.37006	116	43	95	237	2.03
108-109	0.38726	73	28	59	142	1.94
109-110	0.40472	45	18	36	83	1.84

Table PA-8. Life table for black males: Pennylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.01649	100,000	1,649	99,175	6,725,702	67.26
1-2	0.00080	98,351	79	98,311	6,626,526	67.38
2-3	0.00056	98,272	55	98,244	6,528,215	66.43
3-4	0.00042	98,216	41	98,196	6,429,971	65.47
4-5	0.00033	98,175	32	98,159	6,331,776	64.49
5-6	0.00027	98,143	27	98,130	6,233,617	63.52
6-7	0.00024	98,116	23	98,105	6,135,487	62.53
7-8	0.00021	98,093	21	98,082	6,037,382	61.55
8-9	0.00019	98,072	19	98,063	5,939,300	60.56
9-10	0.00017	98,053	16	98,045	5,841,237	59.57
10-11	0.00016	98,037	16	98,029	5,743,192	58.58
11-12	0.00019	98,021	18	98,012	5,645,163	57.59
12-13	0.00027	98,003	26	97,990	5,547,151	56.60
13-14	0.00043	97,977	42	97,955	5,449,161	55.62
14-15	0.00066	97,934	65	97,902	5,351,206	54.64
15-16	0.00092	97,869	90	97,824	5,253,304	53.68
16-17	0.00118	97,779	116	97,722	5,155,480	52.73
17-18	0.00150	97,664	147	97,590	5,057,758	51.79
18-19	0.00188	97,517	183	97,425	4,960,168	50.86
19-20	0.00229	97,334	223	97,223	4,862,742	49.96
20-21	0.00277	97,111	269	96,977	4,765,520	49.07
21-22	0.00324	96,842	314	96,686	4,668,543	48.21
22-23	0.00353	96,529	341	96,359	4,571,857	47.36
23-24	0.00354	96,188	341	96,018	4,475,499	46.53
24-25	0.00334	95,848	321	95,687	4,379,481	45.69
25-26	0.00305	95,527	292	95,381	4,283,794	44.84
26-27	0.00286	95,235	272	95,099	4,188,412	43.98
27-28	0.00278	94,963	264	94,831	4,093,313	43.10
28-29	0.00286	94,699	271	94,564	3,998,482	42.22
29-30	0.00303	94,428	286	94,285	3,903,918	41.34
30-31	0.00319	94,142	300	93,992	3,809,633	40.47
31-32	0.00329	93,842	309	93,688	3,715,641	39.59
32-33	0.00336	93,533	314	93,376	3,621,953	38.72
33-34	0.00341	93,219	318	93,060	3,528,577	37.85
34-35	0.00346	92,901	322	92,741	3,435,517	36.98
35-36	0.00355	92,580	329	92,415	3,342,776	36.11
36-37	0.00369	92,251	340	92,081	3,250,361	35.23
37-38	0.00387	91,910	356	91,733	3,158,280	34.36
38-39	0.00409	91,555	375	91,367	3,066,548	33.49
39-40	0.00436	91,180	397	90,981	2,975,180	32.63
40-41	0.00466	90,783	423	90,571	2,884,199	31.77
41-42	0.00502	90,359	453	90,133	2,793,628	30.92
42-43	0.00541	89,906	486	89,663	2,703,495	30.07
43-44	0.00583	89,420	522	89,159	2,613,832	29.23

44-45	0.00630	88,898	560	88,618	2,524,673	28.40
45-46	0.00681	88,338	601	88,038	2,436,055	27.58
46-47	0.00736	87,737	646	87,414	2,348,017	26.76
47-48	0.00796	87,091	693	86,744	2,260,603	25.96
48-49	0.00861	86,398	744	86,026	2,173,859	25.16
49-50	0.00931	85,654	797	85,255	2,087,833	24.38
50-51	0.01007	84,857	854	84,429	2,002,578	23.60
51-52	0.01089	84,002	915	83,545	1,918,148	22.83
52-53	0.01178	83,087	979	82,598	1,834,604	22.08
53-54	0.01274	82,108	1,046	81,585	1,752,006	21.34
54-55	0.01378	81,062	1,117	80,504	1,670,420	20.61
55-56	0.01490	79,946	1,191	79,350	1,589,916	19.89
56-57	0.01611	78,755	1,269	78,120	1,510,566	19.18
57-58	0.01741	77,486	1,349	76,812	1,432,446	18.49
58-59	0.01883	76,137	1,433	75,420	1,355,634	17.81
59-60	0.02035	74,704	1,520	73,943	1,280,214	17.14
60-61	0.02199	73,183	1,609	72,379	1,206,270	16.48
61-62	0.02376	71,574	1,701	70,724	1,133,892	15.84
62-63	0.02568	69,873	1,794	68,976	1,063,168	15.22
63-64	0.02774	68,079	1,888	67,135	994,192	14.60
64-65	0.02996	66,190	1,983	65,199	927,057	14.01
65-66	0.03236	64,207	2,077	63,169	861,859	13.42
66-67	0.03493	62,130	2,170	61,045	798,690	12.86
67-68	0.03771	59,959	2,261	58,829	737,645	12.30
68-69	0.04070	57,698	2,348	56,524	678,816	11.76
69-70	0.04391	55,350	2,430	54,135	622,292	11.24
70-71	0.04737	52,920	2,507	51,666	568,157	10.74
71-72	0.05108	50,413	2,575	49,126	516,491	10.25
72-73	0.05506	47,838	2,634	46,521	467,365	9.77
73-74	0.05934	45,204	2,682	43,863	420,844	9.31
74-75	0.06393	42,521	2,718	41,162	376,982	8.87
75-76	0.06885	39,803	2,740	38,433	335,819	8.44
76-77	0.07411	37,063	2,747	35,689	297,386	8.02
77-78	0.07974	34,316	2,736	32,948	261,697	7.63
78-79	0.08576	31,580	2,708	30,226	228,749	7.24
79-80	0.09219	28,871	2,662	27,540	198,523	6.88
80-81	0.09905	26,210	2,596	24,912	170,983	6.52
81-82	0.10636	23,614	2,512	22,358	146,071	6.19
82-83	0.11414	21,102	2,409	19,898	123,714	5.86
83-84	0.12242	18,693	2,288	17,549	103,816	5.55
84-85	0.13120	16,405	2,152	15,329	86,267	5.26
85-86	0.14051	14,253	2,003	13,251	70,938	4.98
86-87	0.15037	12,250	1,842	11,329	57,687	4.71
87-88	0.16079	10,408	1,674	9,571	46,358	4.45
88-89	0.17179	8,734	1,500	7,984	36,787	4.21
89-90	0.18338	7,234	1,327	6,571	28,803	3.98
90-91	0.19556	5,907	1,155	5,330	22,232	3.76
91-92	0.20835	4,752	990	4,257	16,902	3.56
92-93	0.22174	3,762	834	3,345	12,645	3.36
93-94	0.23573	2,928	690	2,583	9,300	3.18
94-95	0.25033	2,238	560	1,958	6,717	3.00
95-96	0.26551	1,678	445	1,455	4,760	2.84
96-97	0.28127	1,232	347	1,059	3,305	2.68

97-98	0.29759	886	264	754	2,246	2.54
98-99	0.31444	622	196	524	1,492	2.40
99-100	0.33179	426	141	356	968	2.27
100-101	0.34961	285	100	235	612	2.15
101-102	0.36786	185	68	151	377	2.04
102-103	0.38650	117	45	95	226	1.93
103-104	0.40548	72	29	57	132	1.83
104-105	0.42474	43	18	34	74	1.74
105-106	0.44423	25	11	19	41	1.65
106-107	0.46390	14	6	10	21	1.57
107-108	0.48368	7	4	6	11	1.49
108-109	0.50351	4	2	3	5	1.42
109-110	0.52334	2	1	1	3	1.35

Table 39-9. Life table for black females: Pennylvania, 1999-2001

[All life table calculations were carried out using floating point precision, allowing for fractional deaths and fractional years of life lived. Thus, users of the decennial life tables are cautioned that the life table calculations are based on additional significant digits than shown and back-calculation using the rounded numbers cannot be expected to reproduce the exact published results. See Technical Notes.]

Age	Probability of dying between ages *x* to *x + 1*	Number surviving to age *x*	Number dying between ages *x to x + 1*	Person-years lived between ages *x to x + 1*	Total number of person-years lived above age *x*	Expectation of life at age *x*
x to x + 1	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.01484	100,000	1,484	99,258	7,534,111	75.34
1-2	0.00051	98,516	50	98,491	7,434,853	75.47
2-3	0.00042	98,466	42	98,445	7,336,363	74.51
3-4	0.00031	98,424	31	98,409	7,237,918	73.54
4-5	0.00023	98,393	22	98,382	7,139,509	72.56
5-6	0.00016	98,371	16	98,363	7,041,127	71.58
6-7	0.00012	98,355	12	98,349	6,942,764	70.59
7-8	0.00010	98,343	10	98,338	6,844,416	69.60
8-9	0.00011	98,333	11	98,327	6,746,078	68.60
9-10	0.00013	98,322	13	98,315	6,647,751	67.61
10-11	0.00017	98,309	17	98,301	6,549,435	66.62
11-12	0.00021	98,292	21	98,282	6,451,135	65.63
12-13	0.00025	98,271	24	98,259	6,352,853	64.65
13-14	0.00027	98,247	27	98,234	6,254,594	63.66
14-15	0.00029	98,220	28	98,206	6,156,360	62.68
15-16	0.00030	98,192	30	98,177	6,058,154	61.70
16-17	0.00033	98,162	33	98,146	5,959,976	60.72
17-18	0.00037	98,130	36	98,112	5,861,830	59.74
18-19	0.00041	98,094	41	98,073	5,763,719	58.76
19-20	0.00047	98,053	46	98,030	5,665,646	57.78
20-21	0.00053	98,007	52	97,981	5,567,616	56.81
21-22	0.00059	97,956	58	97,927	5,469,634	55.84
22-23	0.00065	97,898	63	97,866	5,371,707	54.87
23-24	0.00070	97,835	68	97,801	5,273,841	53.91
24-25	0.00074	97,767	73	97,730	5,176,040	52.94
25-26	0.00080	97,694	78	97,655	5,078,310	51.98
26-27	0.00086	97,616	84	97,574	4,980,655	51.02
27-28	0.00093	97,532	91	97,487	4,883,081	50.07
28-29	0.00101	97,441	98	97,392	4,785,595	49.11
29-30	0.00110	97,343	107	97,289	4,688,203	48.16
30-31	0.00119	97,236	115	97,178	4,590,913	47.21
31-32	0.00129	97,121	126	97,058	4,493,735	46.27
32-33	0.00142	96,995	138	96,926	4,396,677	45.33
33-34	0.00157	96,857	152	96,781	4,299,750	44.39
34-35	0.00173	96,705	167	96,622	4,202,969	43.46
35-36	0.00189	96,538	183	96,446	4,106,347	42.54
36-37	0.00206	96,355	199	96,256	4,009,901	41.62
37-38	0.00223	96,156	215	96,049	3,913,645	40.70
38-39	0.00242	95,942	232	95,826	3,817,596	39.79
39-40	0.00261	95,710	250	95,585	3,721,771	38.89
40-41	0.00281	95,460	269	95,326	3,626,185	37.99
41-42	0.00305	95,192	290	95,046	3,530,860	37.09
42-43	0.00331	94,901	314	94,744	3,435,813	36.20
43-44	0.00358	94,588	339	94,418	3,341,069	35.32

44-45	0.00388	94,249	365	94,066	3,246,650	34.45
45-46	0.00420	93,883	394	93,687	3,152,584	33.58
46-47	0.00454	93,490	424	93,277	3,058,898	32.72
47-48	0.00491	93,065	457	92,837	2,965,620	31.87
48-49	0.00531	92,609	491	92,363	2,872,783	31.02
49-50	0.00573	92,117	528	91,853	2,780,421	30.18
50-51	0.00619	91,589	567	91,306	2,688,567	29.35
51-52	0.00669	91,022	609	90,718	2,597,262	28.53
52-53	0.00722	90,413	653	90,087	2,506,544	27.72
53-54	0.00779	89,761	699	89,411	2,416,457	26.92
54-55	0.00841	89,061	749	88,687	2,327,046	26.13
55-56	0.00907	88,313	801	87,913	2,238,359	25.35
56-57	0.00978	87,512	856	87,084	2,150,446	24.57
57-58	0.01054	86,657	913	86,200	2,063,362	23.81
58-59	0.01136	85,743	974	85,256	1,977,162	23.06
59-60	0.01224	84,769	1,038	84,250	1,891,906	22.32
60-61	0.01319	83,731	1,104	83,179	1,807,656	21.59
61-62	0.01421	82,627	1,174	82,040	1,724,477	20.87
62-63	0.01530	81,453	1,246	80,829	1,642,437	20.16
63-64	0.01647	80,206	1,321	79,546	1,561,608	19.47
64-65	0.01773	78,885	1,399	78,185	1,482,062	18.79
65-66	0.01909	77,486	1,479	76,747	1,403,877	18.12
66-67	0.02117	76,007	1,609	75,202	1,327,130	17.46
67-68	0.02274	74,398	1,692	73,552	1,251,928	16.83
68-69	0.02443	72,706	1,776	71,818	1,178,376	16.21
69-70	0.02623	70,930	1,860	70,000	1,106,559	15.60
70-71	0.02816	69,069	1,945	68,097	1,036,559	15.01
71-72	0.03023	67,124	2,029	66,110	968,462	14.43
72-73	0.03245	65,095	2,112	64,039	902,352	13.86
73-74	0.03482	62,983	2,193	61,886	838,314	13.31
74-75	0.03737	60,789	2,271	59,654	776,427	12.77
75-76	0.04008	58,518	2,346	57,345	716,774	12.25
76-77	0.04299	56,172	2,415	54,965	659,428	11.74
77-78	0.04610	53,757	2,478	52,518	604,464	11.24
78-79	0.04942	51,279	2,534	50,012	551,945	10.76
79-80	0.05297	48,745	2,582	47,454	501,933	10.30
80-81	0.05676	46,163	2,620	44,852	454,480	9.85
81-82	0.06080	43,542	2,647	42,219	409,627	9.41
82-83	0.06511	40,895	2,663	39,564	367,409	8.98
83-84	0.06970	38,232	2,665	36,900	327,845	8.58
84-85	0.07459	35,567	2,653	34,241	290,945	8.18
85-86	0.07980	32,914	2,626	31,601	256,705	7.80
86-87	0.08533	30,288	2,584	28,995	225,104	7.43
87-88	0.09121	27,703	2,527	26,440	196,109	7.08
88-89	0.09745	25,176	2,453	23,950	169,669	6.74
89-90	0.10407	22,723	2,365	21,540	145,719	6.41
90-91	0.11108	20,358	2,261	19,227	124,179	6.10
91-92	0.11851	18,097	2,145	17,024	104,952	5.80
92-93	0.12636	15,952	2,016	14,944	87,927	5.51
93-94	0.13465	13,936	1,876	12,998	72,983	5.24
94-95	0.14339	12,060	1,729	11,195	59,985	4.97
95-96	0.15260	10,331	1,576	9,542	48,790	4.72
96-97	0.16229	8,754	1,421	8,044	39,247	4.48

97-98	0.17248	7,333	1,265	6,701	31,204	4.26
98-99	0.18316	6,069	1,111	5,513	24,503	4.04
99-100	0.19435	4,957	963	4,475	18,990	3.83
100-101	0.20604	3,994	823	3,582	14,515	3.63
101-102	0.21825	3,171	692	2,825	10,932	3.45
102-103	0.23098	2,479	573	2,192	8,108	3.27
103-104	0.24421	1,906	466	1,673	5,915	3.10
104-105	0.25795	1,441	372	1,255	4,242	2.94
105-106	0.27219	1,069	291	924	2,987	2.79
106-107	0.28690	778	223	666	2,063	2.65
107-108	0.30208	555	168	471	1,397	2.52
108-109	0.31771	387	123	326	926	2.39
109-110	0.33375	264	88	220	600	2.27

Table PA-10. Standard errors of the probability of dying, Pennsylvania, 1999-2001

	Total			White			Black		
Age	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.000126	0.000187	0.000175	0.000124	0.000188	0.000171	0.000496	0.000720	0.000701
1-2	0.000031	0.000047	0.000041	0.000033	0.000049	0.000042	0.000104	0.000161	0.000131
2-3	0.000026	0.000039	0.000035	0.000027	0.000040	0.000036	0.000090	0.000137	0.000117
3-4	0.000022	0.000034	0.000028	0.000023	0.000035	0.000029	0.000073	0.000108	0.000099
4-5	0.000023	0.000032	0.000032	0.000025	0.000034	0.000037	0.000059	0.000091	0.000075
5-6	0.000022	0.000031	0.000031	0.000024	0.000033	0.000034	0.000058	0.000096	0.000066
6-7	0.000020	0.000029	0.000027	0.000021	0.000031	0.000030	0.000061	0.000097	0.000071
7-8	0.000019	0.000029	0.000026	0.000022	0.000031	0.000030	0.000041	0.000071	0.000043
8-9	0.000017	0.000023	0.000025	0.000019	0.000025	0.000029	0.000039	0.000067	0.000041
9-10	0.000014	0.000019	0.000019	0.000015	0.000021	0.000020	0.000045	0.000053	0.000132
10-11	0.000013	0.000017	0.000019	0.000013	0.000017	0.000020	0.000042	0.000060	0.000060
11-12	0.000011	0.000015	0.000017	0.000012	0.000016	0.000019	0.000040	0.000053	0.000061
12-13	0.000015	0.000022	0.000020	0.000014	0.000023	0.000017	0.000069	0.000085	0.000124
13-14	0.000020	0.000031	0.000026	0.000022	0.000034	0.000028	0.000069	0.000105	0.000091
14-15	0.000028	0.000047	0.000029	0.000029	0.000049	0.000031	0.000096	0.000166	0.000096
15-16	0.000037	0.000060	0.000041	0.000038	0.000060	0.000045	0.000135	0.000237	0.000124
16-17	0.000034	0.000056	0.000038	0.000035	0.000058	0.000040	0.000134	0.000224	0.000149
17-18	0.000035	0.000059	0.000036	0.000037	0.000061	0.000040	0.000118	0.000217	0.000092
18-19	0.000037	0.000063	0.000038	0.000040	0.000067	0.000042	0.000120	0.000215	0.000103
19-20	0.000037	0.000062	0.000039	0.000038	0.000063	0.000042	0.000143	0.000259	0.000120
20-21	0.000042	0.000072	0.000043	0.000044	0.000075	0.000045	0.000161	0.000287	0.000166
21-22	0.000045	0.000081	0.000039	0.000046	0.000081	0.000042	0.000185	0.000355	0.000132
22-23	0.000049	0.000086	0.000047	0.000051	0.000088	0.000050	0.000199	0.000378	0.000157
23-24	0.000050	0.000090	0.000046	0.000054	0.000095	0.000051	0.000186	0.000363	0.000131
24-25	0.000051	0.000089	0.000050	0.000052	0.000090	0.000052	0.000196	0.000360	0.000180
25-26	0.000054	0.000094	0.000051	0.000052	0.000089	0.000054	0.000204	0.000378	0.000178
26-27	0.000050	0.000086	0.000050	0.000047	0.000079	0.000052	0.000180	0.000319	0.000184
27-28	0.000051	0.000090	0.000048	0.000048	0.000082	0.000051	0.000187	0.000339	0.000176
28-29	0.000048	0.000083	0.000049	0.000045	0.000077	0.000049	0.000202	0.000342	0.000238
29-30	0.000046	0.000078	0.000048	0.000046	0.000075	0.000054	0.000181	0.000334	0.000169
30-31	0.000045	0.000077	0.000049	0.000047	0.000077	0.000053	0.000198	0.000345	0.000210
31-32	0.000044	0.000073	0.000047	0.000046	0.000076	0.000052	0.000191	0.000330	0.000207
32-33	0.000045	0.000072	0.000053	0.000047	0.000075	0.000058	0.000210	0.000355	0.000240
33-34	0.000044	0.000070	0.000053	0.000048	0.000074	0.000062	0.000194	0.000345	0.000201
34-35	0.000047	0.000074	0.000059	0.000050	0.000078	0.000064	0.000216	0.000358	0.000255
35-36	0.000046	0.000072	0.000058	0.000049	0.000077	0.000061	0.000215	0.000360	0.000249
36-37	0.000047	0.000073	0.000060	0.000050	0.000078	0.000062	0.000206	0.000340	0.000244
37-38	0.000050	0.000076	0.000065	0.000053	0.000082	0.000067	0.000218	0.000365	0.000254
38-39	0.000050	0.000077	0.000064	0.000053	0.000084	0.000065	0.000218	0.000354	0.000266
39-40	0.000052	0.000082	0.000066	0.000055	0.000087	0.000068	0.000235	0.000399	0.000272
40-41	0.000055	0.000085	0.000071	0.000057	0.000090	0.000072	0.000255	0.000426	0.000299
41-42	0.000056	0.000087	0.000071	0.000058	0.000091	0.000072	0.000259	0.000437	0.000300
42-43	0.000060	0.000094	0.000076	0.000064	0.000100	0.000080	0.000262	0.000445	0.000304
43-44	0.000061	0.000096	0.000078	0.000065	0.000102	0.000080	0.000264	0.000435	0.000318
44-45	0.000064	0.000101	0.000080	0.000068	0.000109	0.000082	0.000275	0.000442	0.000343
45-46	0.000069	0.000109	0.000086	0.000074	0.000118	0.000089	0.000285	0.000465	0.000349
46-47	0.000074	0.000117	0.000090	0.000077	0.000125	0.000091	0.000323	0.000524	0.000399
47-48	0.000079	0.000126	0.000096	0.000083	0.000135	0.000097	0.000337	0.000544	0.000418
48-49	0.000082	0.000130	0.000101	0.000086	0.000140	0.000101	0.000339	0.000532	0.000441
49-50	0.000088	0.000140	0.000109	0.000093	0.000150	0.000111	0.000370	0.000586	0.000473
50-51	0.000093	0.000149	0.000114	0.000098	0.000160	0.000114	0.000390	0.000610	0.000513
51-52	0.000098	0.000155	0.000122	0.000103	0.000166	0.000123	0.000409	0.000643	0.000535

52-53	0.000102	0.000166	0.000122	0.000107	0.000176	0.000124	0.000430	0.000715	0.000514
53-54	0.000111	0.000179	0.000134	0.000115	0.000187	0.000135	0.000481	0.000797	0.000580
54-55	0.000121	0.000199	0.000144	0.000125	0.000207	0.000143	0.000538	0.000885	0.000658
55-56	0.000131	0.000212	0.000156	0.000133	0.000219	0.000156	0.000595	0.000992	0.000716
56-57	0.000138	0.000227	0.000162	0.000141	0.000235	0.000162	0.000614	0.001027	0.000742
57-58	0.000145	0.000238	0.000173	0.000149	0.000246	0.000175	0.000626	0.001068	0.000738
58-59	0.000155	0.000255	0.000182	0.000158	0.000263	0.000182	0.000675	0.001139	0.000811
59-60	0.000167	0.000275	0.000196	0.000171	0.000283	0.000199	0.000693	0.001208	0.000799
60-61	0.000182	0.000301	0.000215	0.000186	0.000309	0.000217	0.000773	0.001354	0.000885
61-62	0.000191	0.000319	0.000221	0.000194	0.000326	0.000222	0.000829	0.001448	0.000955
62-63	0.000200	0.000333	0.000233	0.000204	0.000338	0.000238	0.000827	0.001491	0.000922
63-64	0.000211	0.000355	0.000246	0.000214	0.000361	0.000247	0.000898	0.001566	0.001044
64-65	0.000221	0.000367	0.000263	0.000225	0.000375	0.000263	0.000925	0.001540	0.001154
65-66	0.000237	0.000395	0.000279	0.000240	0.000401	0.000281	0.000978	0.001696	0.001157
66-67	0.000250	0.000419	0.000294	0.000253	0.000422	0.000298	0.001040	0.001842	0.001204
67-68	0.000261	0.000436	0.000312	0.000263	0.000438	0.000314	0.001103	0.001923	0.001309
68-69	0.000271	0.000458	0.000319	0.000272	0.000455	0.000323	0.001165	0.002159	0.001295
69-70	0.000277	0.000467	0.000329	0.000276	0.000465	0.000328	0.001232	0.002139	0.001480
70-71	0.000291	0.000494	0.000345	0.000290	0.000489	0.000345	0.001299	0.002350	0.001490
71-72	0.000302	0.000509	0.000361	0.000300	0.000503	0.000361	0.001352	0.002451	0.001552
72-73	0.000314	0.000531	0.000376	0.000312	0.000523	0.000376	0.001415	0.002593	0.001610
73-74	0.000332	0.000567	0.000394	0.000330	0.000558	0.000394	0.001470	0.002698	0.001673
74-75	0.000344	0.000588	0.000412	0.000341	0.000574	0.000413	0.001553	0.002993	0.001689
75-76	0.000363	0.000632	0.000429	0.000359	0.000619	0.000427	0.001644	0.003020	0.001881
76-77	0.000388	0.000672	0.000463	0.000383	0.000657	0.000462	0.001757	0.003208	0.002031
77-78	0.000410	0.000725	0.000482	0.000404	0.000704	0.000481	0.001910	0.003711	0.002081
78-79	0.000436	0.000771	0.000514	0.000429	0.000747	0.000515	0.002011	0.004045	0.002136
79-80	0.000462	0.000827	0.000541	0.000453	0.000798	0.000539	0.002211	0.004425	0.002373
80-81	0.000507	0.000915	0.000585	0.000498	0.000885	0.000583	0.002394	0.004672	0.002604
81-82	0.000548	0.000995	0.000629	0.000537	0.000958	0.000627	0.002616	0.005336	0.002741
82-83	0.000592	0.001080	0.000678	0.000579	0.001036	0.000675	0.002924	0.006131	0.003001
83-84	0.000637	0.001179	0.000720	0.000623	0.001131	0.000717	0.003076	0.006503	0.003138
84-85	0.000694	0.001298	0.000780	0.000678	0.001242	0.000777	0.003440	0.007429	0.003460
85-86	0.000783	0.001498	0.000887	0.000787	0.001489	0.000899	0.003647	0.007661	0.003887
86-87	0.000852	0.001645	0.000961	0.000855	0.001627	0.000974	0.003966	0.008500	0.004177
87-88	0.000932	0.001813	0.001045	0.000932	0.001786	0.001059	0.004327	0.009477	0.004501
88-89	0.001022	0.002008	0.001141	0.001020	0.001968	0.001155	0.004739	0.010623	0.004864
89-90	0.001126	0.002235	0.001250	0.001122	0.002179	0.001264	0.005210	0.011975	0.005271
90-91	0.001247	0.002502	0.001375	0.001238	0.002425	0.001390	0.005752	0.013582	0.005731
91-92	0.001388	0.002817	0.001519	0.001374	0.002713	0.001534	0.006379	0.015506	0.006252
92-93	0.001553	0.003192	0.001687	0.001532	0.003054	0.001702	0.007108	0.017826	0.006845
93-94	0.001748	0.003642	0.001884	0.001719	0.003458	0.001899	0.007961	0.020646	0.007524
94-95	0.001981	0.004187	0.002117	0.001940	0.003943	0.002130	0.008965	0.024103	0.008304
95-96	0.002261	0.004852	0.002394	0.002205	0.004530	0.002405	0.010153	0.028378	0.009206
96-97	0.002600	0.005671	0.002726	0.002525	0.005244	0.002735	0.011571	0.033713	0.010255
97-98	0.003015	0.006691	0.003128	0.002913	0.006124	0.003133	0.013273	0.040436	0.011480
98-99	0.003528	0.007972	0.003618	0.003391	0.007216	0.003619	0.015331	0.048996	0.012920
99-100	0.004167	0.009601	0.004224	0.003983	0.008587	0.004218	0.017840	0.060012	0.014624
100-101	0.004974	0.011696	0.004979	0.004726	0.010325	0.004963	0.020922	0.074348	0.016654
101-102	0.006004	0.014421	0.005931	0.005668	0.012555	0.005901	0.024740	0.093229	0.019088
102-103	0.007334	0.018015	0.007146	0.006877	0.015450	0.007096	0.029513	0.118407	0.022028
103-104	0.009075	0.022819	0.008715	0.008448	0.019256	0.008638	0.035533	0.152425	0.025605
104-105	0.011385	0.029331	0.010770	0.010517	0.024326	0.010653	0.043202	0.199020	0.029994
105-106	0.014494	0.038297	0.013497	0.013279	0.031178	0.013323	0.053070	0.263768	0.035422

106-107	0.018743	0.050836	0.017172	0.017023	0.040575	0.016917	0.065902	0.355108	0.042195
107-108	0.024645	0.068672	0.022204	0.022178	0.053664	0.021829	0.082775	0.486005	0.050723
108-109	0.032985	0.094494	0.029208	0.029396	0.072199	0.028657	0.105221	0.676711	0.061566
109-110	0.044983	0.132579	0.039131	0.039679	0.098901	0.038317	0.135445	0.959373	0.075489

Table PA-11. Standard errors of the average remaining lifetime, Pennsylvania, 1999-2001

	Total			White			Black		
Age	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0-1	0.025	0.036	0.033	0.026	0.038	0.035	0.086	0.121	0.121
1-2	0.023	0.034	0.031	0.024	0.036	0.032	0.079	0.112	0.110
2-3	0.023	0.033	0.030	0.024	0.035	0.032	0.079	0.112	0.109
3-4	0.023	0.033	0.030	0.024	0.035	0.032	0.079	0.111	0.109
4-5	0.023	0.033	0.030	0.024	0.035	0.032	0.079	0.111	0.109
5-6	0.023	0.033	0.030	0.024	0.035	0.032	0.079	0.111	0.109
6-7	0.023	0.033	0.030	0.024	0.035	0.032	0.079	0.111	0.109
7-8	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.109
8-9	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.109
9-10	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.109
10-11	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.108
11-12	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.108
12-13	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.108
13-14	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.111	0.108
14-15	0.023	0.033	0.030	0.024	0.035	0.031	0.078	0.110	0.108
15-16	0.022	0.033	0.030	0.024	0.035	0.031	0.078	0.110	0.108
16-17	0.022	0.033	0.030	0.024	0.035	0.031	0.078	0.110	0.107
17-18	0.022	0.032	0.030	0.024	0.034	0.031	0.077	0.109	0.107
18-19	0.022	0.032	0.029	0.023	0.034	0.031	0.077	0.109	0.107
19-20	0.022	0.032	0.029	0.023	0.034	0.031	0.077	0.108	0.107
20-21	0.022	0.032	0.029	0.023	0.034	0.031	0.077	0.108	0.107
21-22	0.022	0.032	0.029	0.023	0.034	0.031	0.076	0.107	0.106
22-23	0.022	0.032	0.029	0.023	0.033	0.030	0.076	0.106	0.106
23-24	0.022	0.031	0.029	0.023	0.033	0.030	0.075	0.105	0.106
24-25	0.021	0.031	0.029	0.023	0.033	0.030	0.075	0.104	0.106
25-26	0.021	0.031	0.029	0.023	0.033	0.030	0.074	0.103	0.105
26-27	0.021	0.030	0.029	0.022	0.032	0.030	0.074	0.102	0.105
27-28	0.021	0.030	0.028	0.022	0.032	0.030	0.074	0.101	0.105
28-29	0.021	0.030	0.028	0.022	0.032	0.030	0.073	0.101	0.104
29-30	0.021	0.030	0.028	0.022	0.032	0.030	0.073	0.100	0.104
30-31	0.021	0.029	0.028	0.022	0.032	0.029	0.072	0.099	0.104
31-32	0.021	0.029	0.028	0.022	0.031	0.029	0.072	0.099	0.103
32-33	0.020	0.029	0.028	0.022	0.031	0.029	0.072	0.098	0.103
33-34	0.020	0.029	0.028	0.022	0.031	0.029	0.071	0.097	0.103
34-35	0.020	0.029	0.028	0.022	0.031	0.029	0.071	0.097	0.102
35-36	0.020	0.029	0.028	0.021	0.031	0.029	0.071	0.096	0.102
36-37	0.020	0.029	0.028	0.021	0.031	0.029	0.070	0.096	0.102
37-38	0.020	0.029	0.028	0.021	0.031	0.029	0.070	0.095	0.101
38-39	0.020	0.028	0.027	0.021	0.030	0.028	0.070	0.095	0.101
39-40	0.020	0.028	0.027	0.021	0.030	0.028	0.070	0.095	0.101
40-41	0.020	0.028	0.027	0.021	0.030	0.028	0.069	0.094	0.100
41-42	0.020	0.028	0.027	0.021	0.030	0.028	0.069	0.094	0.100
42-43	0.020	0.028	0.027	0.021	0.030	0.028	0.069	0.093	0.100
43-44	0.020	0.028	0.027	0.021	0.030	0.028	0.069	0.093	0.099
44-45	0.020	0.028	0.027	0.021	0.030	0.028	0.068	0.092	0.099
45-46	0.019	0.028	0.027	0.021	0.030	0.028	0.068	0.092	0.099
46-47	0.019	0.028	0.026	0.020	0.030	0.027	0.068	0.092	0.099
47-48	0.019	0.027	0.026	0.020	0.029	0.027	0.068	0.092	0.098
48-49	0.019	0.027	0.026	0.020	0.029	0.027	0.068	0.091	0.098
49-50	0.019	0.027	0.026	0.020	0.029	0.027	0.067	0.091	0.097
50-51	0.019	0.027	0.026	0.020	0.029	0.027	0.067	0.091	0.097
51-52	0.019	0.027	0.026	0.020	0.029	0.027	0.067	0.091	0.096

52-53	0.019	0.027	0.026	0.020	0.028	0.026	0.067	0.090	0.096
53-54	0.019	0.027	0.025	0.020	0.028	0.026	0.066	0.090	0.095
54-55	0.018	0.026	0.025	0.019	0.028	0.026	0.066	0.090	0.095
55-56	0.018	0.026	0.025	0.019	0.028	0.026	0.066	0.089	0.094
56-57	0.018	0.026	0.025	0.019	0.027	0.026	0.065	0.088	0.093
57-58	0.018	0.026	0.024	0.019	0.027	0.025	0.064	0.087	0.092
58-59	0.018	0.025	0.024	0.019	0.027	0.025	0.064	0.087	0.092
59-60	0.018	0.025	0.024	0.018	0.027	0.025	0.063	0.086	0.091
60-61	0.017	0.025	0.024	0.018	0.026	0.025	0.063	0.085	0.090
61-62	0.017	0.024	0.023	0.018	0.026	0.024	0.062	0.084	0.089
62-63	0.017	0.024	0.023	0.018	0.025	0.024	0.061	0.083	0.089
63-64	0.017	0.024	0.023	0.017	0.025	0.023	0.061	0.082	0.088
64-65	0.016	0.023	0.022	0.017	0.025	0.023	0.060	0.081	0.087
65-66	0.016	0.023	0.022	0.017	0.024	0.023	0.060	0.080	0.086
66-67	0.016	0.022	0.021	0.016	0.024	0.022	0.059	0.080	0.085
67-68	0.015	0.022	0.021	0.016	0.023	0.022	0.058	0.079	0.084
68-69	0.015	0.022	0.021	0.016	0.023	0.021	0.058	0.078	0.083
69-70	0.015	0.021	0.020	0.015	0.022	0.021	0.057	0.077	0.082
70-71	0.014	0.021	0.020	0.015	0.022	0.021	0.057	0.077	0.081
71-72	0.014	0.020	0.019	0.015	0.022	0.020	0.056	0.076	0.081
72-73	0.014	0.020	0.019	0.015	0.021	0.020	0.056	0.076	0.080
73-74	0.014	0.020	0.019	0.014	0.021	0.019	0.055	0.075	0.079
74-75	0.014	0.020	0.018	0.014	0.021	0.019	0.055	0.076	0.079
75-76	0.013	0.020	0.018	0.014	0.021	0.019	0.055	0.075	0.079
76-77	0.013	0.019	0.018	0.014	0.021	0.019	0.055	0.076	0.078
77-78	0.013	0.019	0.018	0.014	0.021	0.018	0.055	0.077	0.078
78-79	0.013	0.019	0.017	0.014	0.021	0.018	0.056	0.078	0.078
79-80	0.013	0.019	0.017	0.014	0.021	0.018	0.056	0.079	0.078
80-81	0.013	0.019	0.017	0.013	0.021	0.018	0.056	0.080	0.079
81-82	0.013	0.020	0.017	0.013	0.021	0.018	0.057	0.081	0.079
82-83	0.013	0.020	0.017	0.013	0.021	0.017	0.057	0.083	0.079
83-84	0.013	0.020	0.017	0.013	0.021	0.017	0.057	0.084	0.080
84-85	0.013	0.020	0.017	0.014	0.022	0.017	0.058	0.085	0.080
85-86	0.013	0.021	0.017	0.014	0.022	0.017	0.058	0.086	0.081
86-87	0.013	0.021	0.017	0.014	0.022	0.017	0.059	0.089	0.082
87-88	0.013	0.021	0.017	0.014	0.023	0.017	0.060	0.092	0.082
88-89	0.013	0.022	0.017	0.014	0.023	0.017	0.062	0.096	0.083
89-90	0.013	0.022	0.017	0.014	0.024	0.017	0.063	0.101	0.084
90-91	0.014	0.023	0.017	0.014	0.024	0.018	0.065	0.106	0.085
91-92	0.014	0.024	0.017	0.014	0.025	0.018	0.067	0.113	0.087
92-93	0.014	0.025	0.018	0.015	0.026	0.018	0.070	0.121	0.089
93-94	0.015	0.026	0.018	0.015	0.027	0.018	0.073	0.130	0.091
94-95	0.016	0.028	0.019	0.016	0.029	0.019	0.077	0.142	0.094
95-96	0.016	0.030	0.019	0.017	0.031	0.020	0.081	0.156	0.098
96-97	0.017	0.033	0.020	0.018	0.033	0.021	0.087	0.173	0.102
97-98	0.019	0.036	0.021	0.019	0.036	0.022	0.093	0.194	0.107
98-99	0.020	0.039	0.023	0.020	0.039	0.023	0.100	0.220	0.113
99-100	0.022	0.044	0.024	0.022	0.043	0.025	0.110	0.252	0.120
100-101	0.024	0.050	0.026	0.024	0.048	0.027	0.121	0.294	0.129
101-102	0.027	0.057	0.029	0.027	0.054	0.029	0.134	0.346	0.139
102-103	0.031	0.067	0.032	0.030	0.062	0.033	0.151	0.414	0.153
103-104	0.035	0.079	0.037	0.034	0.073	0.037	0.172	0.503	0.170
104-105	0.042	0.096	0.042	0.040	0.087	0.042	0.200	0.621	0.192
105-106	0.050	0.118	0.050	0.048	0.105	0.050	0.236	0.783	0.221

106-107	0.061	0.150	0.061	0.058	0.131	0.060	0.287	1.011	0.262
107-108	0.078	0.196	0.076	0.074	0.168	0.076	0.361	1.347	0.322
108-109	0.105	0.270	0.101	0.098	0.228	0.100	0.476	1.882	0.410
109-110	0.153	0.400	0.144	0.142	0.332	0.143	0.664	2.824	0.546