

U.S. Depart. of Health & Human Services. Centers for CDC. Nat. Center for Health Statistics (2022):
U.S. State Life Tables, 2019. National Vital Statistics Report Volume 70, Number 18. 18pp.
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Table PA-2. Life table for males: Pennsylvania, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.006602	100,000	660	99,416	7,572,163	75.7
1-2	0.000381	99,340	38	99,321	7,472,748	75.2
2-3	0.000239	99,302	24	99,290	7,373,427	74.3
3-4	0.000210	99,278	21	99,268	7,274,137	73.3
4-5	0.000180	99,257	18	99,248	7,174,869	72.3
5-6	0.000183	99,239	18	99,230	7,075,621	71.3
6-7	0.000167	99,221	17	99,213	6,976,390	70.3
7-8	0.000153	99,205	15	99,197	6,877,177	69.3
8-9	0.000142	99,190	14	99,183	6,777,980	68.3
9-10	0.000137	99,175	14	99,169	6,678,798	67.3
10-11	0.000139	99,162	14	99,155	6,579,629	66.4
11-12	0.000151	99,148	15	99,141	6,480,474	65.4
12-13	0.000173	99,133	17	99,125	6,381,334	64.4
13-14	0.000206	99,116	20	99,106	6,282,209	63.4
14-15	0.000253	99,096	25	99,083	6,183,103	62.4
15-16	0.000301	99,070	30	99,056	6,084,020	61.4
16-17	0.000364	99,041	36	99,023	5,984,965	60.4
17-18	0.000465	99,005	46	98,982	5,885,942	59.5
18-19	0.000619	98,959	61	98,928	5,786,961	58.5
19-20	0.000813	98,897	80	98,857	5,688,033	57.5
20-21	0.001028	98,817	102	98,766	5,589,176	56.6
21-22	0.001238	98,715	122	98,654	5,490,410	55.6
22-23	0.001430	98,593	141	98,523	5,391,755	54.7
23-24	0.001583	98,452	156	98,374	5,293,233	53.8
24-25	0.001699	98,296	167	98,213	5,194,859	52.8
25-26	0.001805	98,129	177	98,041	5,096,646	51.9
26-27	0.001908	97,952	187	97,859	4,998,606	51.0
27-28	0.001995	97,765	195	97,668	4,900,747	50.1
28-29	0.002069	97,570	202	97,469	4,803,079	49.2
29-30	0.002134	97,368	208	97,264	4,705,610	48.3
30-31	0.002192	97,160	213	97,054	4,608,346	47.4
31-32	0.002247	96,947	218	96,838	4,511,292	46.5
32-33	0.002283	96,730	221	96,619	4,414,454	45.6
33-34	0.002381	96,509	230	96,394	4,317,834	44.7
34-35	0.002461	96,279	237	96,161	4,221,441	43.8
35-36	0.002554	96,042	245	95,919	4,125,280	43.0
36-37	0.002647	95,797	254	95,670	4,029,361	42.1
37-38	0.002717	95,543	260	95,413	3,933,691	41.2
38-39	0.002755	95,284	262	95,152	3,838,277	40.3
39-40	0.002774	95,021	264	94,889	3,743,125	39.4
40-41	0.002798	94,758	265	94,625	3,648,235	38.5
41-42	0.002855	94,492	270	94,357	3,553,611	37.6
42-43	0.002955	94,223	278	94,083	3,459,253	36.7
43-44	0.003107	93,944	292	93,798	3,365,170	35.8
44-45	0.003302	93,652	309	93,498	3,271,371	34.9
45-46	0.003528	93,343	329	93,178	3,177,874	34.0
46-47	0.003776	93,014	351	92,838	3,084,695	33.2
47-48	0.004044	92,663	375	92,475	2,991,857	32.3
48-49	0.004336	92,288	400	92,088	2,899,382	31.4
49-50	0.004662	91,888	428	91,673	2,807,294	30.6
50-51	0.005006	91,459	458	91,230	2,715,621	29.7
51-52	0.005396	91,001	491	90,756	2,624,390	28.8
52-53	0.005876	90,510	532	90,245	2,533,634	28.0

Table PA-2. Life table for males: Pennsylvania, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.006458	89,979	581	89,688	2,443,390	27.2
54-55	0.007105	89,397	635	89,080	2,353,702	26.3
55-56	0.007759	88,762	689	88,418	2,264,622	25.5
56-57	0.008407	88,074	740	87,703	2,176,204	24.7
57-58	0.009082	87,333	793	86,937	2,088,501	23.9
58-59	0.009796	86,540	848	86,116	2,001,564	23.1
59-60	0.010544	85,692	904	85,240	1,915,448	22.4
60-61	0.011346	84,789	962	84,308	1,830,208	21.6
61-62	0.012162	83,827	1,019	83,317	1,745,900	20.8
62-63	0.012951	82,807	1,072	82,271	1,662,583	20.1
63-64	0.013707	81,735	1,120	81,175	1,580,312	19.3
64-65	0.014476	80,614	1,167	80,031	1,499,138	18.6
65-66	0.015296	79,447	1,215	78,840	1,419,107	17.9
66-67	0.016401	78,232	1,283	77,591	1,340,267	17.1
67-68	0.017634	76,949	1,357	76,271	1,262,676	16.4
68-69	0.019077	75,592	1,442	74,871	1,186,405	15.7
69-70	0.020720	74,150	1,536	73,382	1,111,534	15.0
70-71	0.022566	72,614	1,639	71,794	1,038,152	14.3
71-72	0.024638	70,975	1,749	70,101	966,358	13.6
72-73	0.026958	69,227	1,866	68,293	896,257	12.9
73-74	0.029550	67,360	1,990	66,365	827,964	12.3
74-75	0.032472	65,370	2,123	64,308	761,599	11.7
75-76	0.035748	63,247	2,261	62,117	697,290	11.0
76-77	0.039469	60,986	2,407	59,783	635,173	10.4
77-78	0.043754	58,579	2,563	57,298	575,391	9.8
78-79	0.048621	56,016	2,724	54,654	518,093	9.2
79-80	0.054019	53,293	2,879	51,853	463,439	8.7
80-81	0.059823	50,414	3,016	48,906	411,586	8.2
81-82	0.066068	47,398	3,131	45,832	362,680	7.7
82-83	0.072863	44,266	3,225	42,654	316,848	7.2
83-84	0.080449	41,041	3,302	39,390	274,194	6.7
84-85	0.089184	37,739	3,366	36,056	234,804	6.2
85-86	0.099442	34,374	3,418	32,664	198,748	5.8
86-87	0.110617	30,955	3,424	29,243	166,083	5.4
87-88	0.123033	27,531	3,387	25,838	136,840	5.0
88-89	0.137575	24,144	3,322	22,483	111,003	4.6
89-90	0.153350	20,822	3,193	19,226	88,519	4.3
90-91	0.170353	17,629	3,003	16,128	69,294	3.9
91-92	0.188548	14,626	2,758	13,247	53,166	3.6
92-93	0.207872	11,868	2,467	10,635	39,919	3.4
93-94	0.228232	9,401	2,146	8,328	29,284	3.1
94-95	0.249502	7,256	1,810	6,350	20,956	2.9
95-96	0.271525	5,445	1,479	4,706	14,605	2.7
96-97	0.294123	3,967	1,167	3,383	9,899	2.5
97-98	0.317092	2,800	888	2,356	6,516	2.3
98-99	0.340216	1,912	651	1,587	4,160	2.2
99-100	0.363275	1,262	458	1,032	2,573	2.0
100 and over	1.000000	803	803	1,540	1,540	1.9

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

Table PA-3. Life table for females: Pennsylvania, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
0-1	0.005095	100,000	509	99,548	8,092,681	80.9
1-2	0.000251	99,491	25	99,478	7,993,133	80.3
2-3	0.000103	99,466	10	99,460	7,893,655	79.4
3-4	0.000191	99,455	19	99,446	7,794,195	78.4
4-5	0.000174	99,436	17	99,428	7,694,749	77.4
5-6	0.000113	99,419	11	99,413	7,595,321	76.4
6-7	0.000101	99,408	10	99,403	7,495,908	75.4
7-8	0.000092	99,398	9	99,393	7,396,505	74.4
8-9	0.000084	99,389	8	99,385	7,297,112	73.4
9-10	0.000077	99,380	8	99,377	7,197,727	72.4
10-11	0.000073	99,373	7	99,369	7,098,351	71.4
11-12	0.000077	99,365	8	99,362	6,998,982	70.4
12-13	0.000093	99,358	9	99,353	6,899,620	69.4
13-14	0.000123	99,348	12	99,342	6,800,267	68.4
14-15	0.000162	99,336	16	99,328	6,700,925	67.5
15-16	0.000207	99,320	21	99,310	6,601,597	66.5
16-17	0.000251	99,300	25	99,287	6,502,287	65.5
17-18	0.000292	99,275	29	99,260	6,403,000	64.5
18-19	0.000328	99,246	33	99,229	6,303,740	63.5
19-20	0.000363	99,213	36	99,195	6,204,510	62.5
20-21	0.000399	99,177	40	99,157	6,105,315	61.6
21-22	0.000441	99,137	44	99,116	6,006,158	60.6
22-23	0.000489	99,094	48	99,070	5,907,043	59.6
23-24	0.000544	99,045	54	99,018	5,807,973	58.6
24-25	0.000603	98,991	60	98,962	5,708,955	57.7
25-26	0.000663	98,932	66	98,899	5,609,993	56.7
26-27	0.000722	98,866	71	98,830	5,511,094	55.7
27-28	0.000775	98,795	77	98,757	5,412,264	54.8
28-29	0.000822	98,718	81	98,678	5,313,507	53.8
29-30	0.000866	98,637	85	98,594	5,214,829	52.9
30-31	0.000905	98,552	89	98,507	5,116,235	51.9
31-32	0.000949	98,463	93	98,416	5,017,728	51.0
32-33	0.001002	98,369	99	98,320	4,919,312	50.0
33-34	0.001099	98,270	108	98,216	4,820,992	49.1
34-35	0.001203	98,162	118	98,103	4,722,776	48.1
35-36	0.001327	98,044	130	97,979	4,624,672	47.2
36-37	0.001443	97,914	141	97,844	4,526,693	46.2
37-38	0.001522	97,773	149	97,699	4,428,849	45.3
38-39	0.001545	97,624	151	97,549	4,331,151	44.4
39-40	0.001531	97,473	149	97,399	4,233,602	43.4
40-41	0.001510	97,324	147	97,251	4,136,203	42.5
41-42	0.001518	97,177	148	97,103	4,038,953	41.6
42-43	0.001568	97,030	152	96,953	3,941,850	40.6
43-44	0.001676	96,877	162	96,796	3,844,896	39.7
44-45	0.001828	96,715	177	96,627	3,748,100	38.8
45-46	0.001998	96,538	193	96,442	3,651,473	37.8
46-47	0.002177	96,345	210	96,241	3,555,031	36.9
47-48	0.002377	96,136	228	96,021	3,458,791	36.0
48-49	0.002601	95,907	249	95,783	3,362,769	35.1
49-50	0.002850	95,658	273	95,521	3,266,987	34.2
50-51	0.003120	95,385	298	95,236	3,171,465	33.2
51-52	0.003409	95,088	324	94,925	3,076,229	32.4
52-53	0.003717	94,763	352	94,587	2,981,304	31.5

Table PA-3. Life table for females: Pennsylvania, 2019

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 over age x	Expectation of life at age x
	q_x	l_x	d_x	L_x	T_x	e_x
53-54	0.004041	94,411	381	94,220	2,886,716	30.6
54-55	0.004374	94,030	411	93,824	2,792,496	29.7
55-56	0.004701	93,618	440	93,398	2,698,672	28.8
56-57	0.005040	93,178	470	92,943	2,605,274	28.0
57-58	0.005426	92,709	503	92,457	2,512,330	27.1
58-59	0.005877	92,205	542	91,935	2,419,873	26.2
59-60	0.006380	91,664	585	91,371	2,327,939	25.4
60-61	0.006936	91,079	632	90,763	2,236,568	24.6
61-62	0.007498	90,447	678	90,108	2,145,805	23.7
62-63	0.008023	89,769	720	89,409	2,055,697	22.9
63-64	0.008495	89,049	756	88,670	1,966,288	22.1
64-65	0.008958	88,292	791	87,897	1,877,618	21.3
65-66	0.009449	87,501	827	87,088	1,789,721	20.5
66-67	0.010099	86,674	875	86,237	1,702,633	19.6
67-68	0.010945	85,799	939	85,330	1,616,396	18.8
68-69	0.012037	84,860	1,021	84,349	1,531,067	18.0
69-70	0.013347	83,839	1,119	83,279	1,446,718	17.3
70-71	0.014838	82,720	1,227	82,106	1,363,439	16.5
71-72	0.016482	81,492	1,343	80,821	1,281,333	15.7
72-73	0.018281	80,149	1,465	79,416	1,200,512	15.0
73-74	0.020238	78,684	1,592	77,888	1,121,096	14.2
74-75	0.022411	77,091	1,728	76,227	1,043,208	13.5
75-76	0.024829	75,364	1,871	74,428	966,981	12.8
76-77	0.027586	73,492	2,027	72,479	892,553	12.1
77-78	0.030783	71,465	2,200	70,365	820,074	11.5
78-79	0.034478	69,265	2,388	68,071	749,709	10.8
79-80	0.038664	66,877	2,586	65,584	681,638	10.2
80-81	0.043231	64,291	2,779	62,902	616,054	9.6
81-82	0.048214	61,512	2,966	60,029	553,152	9.0
82-83	0.053713	58,546	3,145	56,974	493,123	8.4
83-84	0.059853	55,402	3,316	53,744	436,149	7.9
84-85	0.066874	52,086	3,483	50,344	382,406	7.3
85-86	0.075497	48,602	3,669	46,768	332,062	6.8
86-87	0.084835	44,933	3,812	43,027	285,294	6.3
87-88	0.096905	41,121	3,985	39,129	242,267	5.9
88-89	0.108483	37,136	4,029	35,122	203,138	5.5
89-90	0.121150	33,108	4,011	31,102	168,016	5.1
90-91	0.134938	29,097	3,926	27,134	136,914	4.7
91-92	0.149865	25,170	3,772	23,284	109,780	4.4
92-93	0.165927	21,398	3,551	19,623	86,496	4.0
93-94	0.183101	17,848	3,268	16,214	66,873	3.7
94-95	0.201338	14,580	2,935	13,112	50,659	3.5
95-96	0.220563	11,644	2,568	10,360	37,547	3.2
96-97	0.240674	9,076	2,184	7,984	27,187	3.0
97-98	0.261543	6,892	1,802	5,990	19,203	2.8
98-99	0.283020	5,089	1,440	4,369	13,213	2.6
99-100	0.304933	3,649	1,113	3,093	8,844	2.4
100 and over	1.000000	2,536	2,536	5,751	5,751	2.3

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