

Supplemental Appendix Table 1.

**Life Table for the Projected Total Population in the United States: 2020**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00596	100,000	77.90	0.00510	100,000	82.44
1	0.00031	99,404	77.37	0.00026	99,490	81.86
2	0.00026	99,374	76.39	0.00022	99,465	80.88
3	0.00022	99,348	75.41	0.00018	99,443	79.90
4	0.00018	99,326	74.43	0.00015	99,425	78.91
5	0.00015	99,308	73.44	0.00013	99,410	77.93
6	0.00013	99,293	72.45	0.00011	99,397	76.94
7	0.00011	99,281	71.46	0.00010	99,386	75.94
8	0.00010	99,270	70.47	0.00009	99,377	74.95
9	0.00010	99,260	69.48	0.00008	99,368	73.96
10	0.00011	99,250	68.48	0.00009	99,360	72.96
11	0.00013	99,239	67.49	0.00009	99,351	71.97
12	0.00017	99,226	66.50	0.00011	99,342	70.98
13	0.00022	99,209	65.51	0.00012	99,332	69.98
14	0.00028	99,188	64.52	0.00014	99,319	68.99
15	0.00036	99,160	63.54	0.00017	99,305	68.00
16	0.00045	99,125	62.56	0.00020	99,288	67.01
17	0.00054	99,081	61.59	0.00023	99,268	66.03
18	0.00064	99,027	60.63	0.00026	99,246	65.04
19	0.00074	98,964	59.66	0.00029	99,220	64.06
20	0.00083	98,891	58.71	0.00032	99,191	63.08
21	0.00091	98,809	57.76	0.00035	99,159	62.10
22	0.00098	98,719	56.81	0.00037	99,125	61.12
23	0.00103	98,623	55.86	0.00040	99,088	60.14
24	0.00108	98,521	54.92	0.00042	99,048	59.17
25	0.00111	98,415	53.98	0.00045	99,007	58.19
26	0.00114	98,306	53.04	0.00047	98,962	57.22
27	0.00116	98,194	52.10	0.00050	98,916	56.24
28	0.00119	98,079	51.16	0.00053	98,866	55.27
29	0.00121	97,963	50.22	0.00056	98,814	54.30
30	0.00124	97,844	49.28	0.00059	98,759	53.33
31	0.00126	97,723	48.34	0.00062	98,701	52.36
32	0.00129	97,600	47.40	0.00066	98,640	51.39
33	0.00132	97,474	46.46	0.00071	98,574	50.43
34	0.00136	97,345	45.52	0.00076	98,505	49.46
35	0.00140	97,213	44.58	0.00081	98,430	48.50
36	0.00146	97,076	43.64	0.00086	98,351	47.54
37	0.00152	96,935	42.71	0.00093	98,266	46.58
38	0.00159	96,787	41.77	0.00099	98,175	45.62
39	0.00169	96,633	40.84	0.00107	98,077	44.67
40	0.00179	96,470	39.91	0.00116	97,972	43.71
41	0.00192	96,297	38.98	0.00126	97,859	42.76
42	0.00208	96,112	38.05	0.00137	97,736	41.82
43	0.00226	95,912	37.13	0.00149	97,602	40.87
44	0.00247	95,696	36.21	0.00163	97,457	39.93
45	0.00271	95,459	35.30	0.00179	97,298	39.00
46	0.00298	95,201	34.39	0.00196	97,124	38.07
47	0.00329	94,917	33.50	0.00215	96,934	37.14
48	0.00362	94,605	32.60	0.00235	96,726	36.22
49	0.00399	94,263	31.72	0.00256	96,499	35.30
50	0.00439	93,887	30.85	0.00279	96,251	34.39
51	0.00482	93,475	29.98	0.00303	95,983	33.49
52	0.00528	93,024	29.12	0.00329	95,691	32.59
53	0.00578	92,533	28.28	0.00355	95,377	31.69
54	0.00632	91,997	27.44	0.00383	95,038	30.80
55	0.00689	91,416	26.61	0.00412	94,674	29.92
56	0.00747	90,787	25.79	0.00443	94,284	29.04
57	0.00808	90,108	24.98	0.00476	93,866	28.17
58	0.00870	89,380	24.18	0.00510	93,420	27.30
59	0.00934	88,602	23.39	0.00547	92,943	26.44
60	0.01001	87,774	22.60	0.00587	92,435	25.58

See footnotes at end of table.

Supplemental Appendix Table 1.

**Life Table for the Projected Total Population in the United States: 2020—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.01071	86,896	21.83	0.00632	91,892	24.73
62 .....	0.01145	85,965	21.06	0.00683	91,311	23.88
63 .....	0.01226	84,980	20.30	0.00740	90,688	23.05
64 .....	0.01314	83,938	19.54	0.00804	90,017	22.21
65 .....	0.01412	82,835	18.79	0.00877	89,293	21.39
66 .....	0.01520	81,666	18.06	0.00957	88,510	20.57
67 .....	0.01640	80,424	17.33	0.01047	87,663	19.77
68 .....	0.01775	79,105	16.61	0.01146	86,745	18.97
69 .....	0.01925	77,701	15.90	0.01256	85,751	18.19
70 .....	0.02091	76,205	15.20	0.01378	84,674	17.41
71 .....	0.02275	74,612	14.52	0.01513	83,507	16.65
72 .....	0.02479	72,915	13.84	0.01664	82,243	15.90
73 .....	0.02705	71,108	13.18	0.01831	80,875	15.16
74 .....	0.02956	69,184	12.53	0.02019	79,394	14.43
75 .....	0.03237	67,139	11.90	0.02230	77,791	13.72
76 .....	0.03552	64,966	11.28	0.02467	76,056	13.02
77 .....	0.03906	62,658	10.68	0.02736	74,180	12.33
78 .....	0.04305	60,211	10.09	0.03040	72,150	11.67
79 .....	0.04753	57,619	9.52	0.03384	69,957	11.02
80 .....	0.05270	54,880	8.97	0.03790	67,590	10.39
81 .....	0.05857	51,988	8.44	0.04228	65,028	9.78
82 .....	0.06513	48,943	7.94	0.04735	62,279	9.18
83 .....	0.07236	45,755	7.46	0.05317	59,330	8.62
84 .....	0.08020	42,444	7.00	0.05974	56,175	8.07
85 .....	0.08858	39,040	6.57	0.06706	52,819	7.55
86 .....	0.09757	35,582	6.16	0.07500	49,277	7.06
87 .....	0.10732	32,110	5.77	0.08376	45,581	6.59
88 .....	0.11783	28,664	5.40	0.09338	41,763	6.15
89 .....	0.12913	25,287	5.06	0.10390	37,863	5.73
90 .....	0.14125	22,021	4.73	0.11537	33,929	5.34
91 .....	0.15417	18,911	4.43	0.12781	30,015	4.97
92 .....	0.16789	15,996	4.14	0.14125	26,179	4.62
93 .....	0.18240	13,310	3.88	0.15569	22,481	4.30
94 .....	0.19767	10,882	3.63	0.17113	18,981	4.00
95 .....	0.21366	8,731	3.40	0.18752	15,733	3.73
96 .....	0.23030	6,866	3.19	0.20484	12,783	3.47
97 .....	0.24754	5,284	3.00	0.22301	10,164	3.24
98 .....	0.26527	3,976	2.82	0.24194	7,897	3.02
99 .....	0.28343	2,922	2.66	0.26152	5,987	2.83
100 and over ..	1.00000	2,093	2.51	1.00000	4,421	2.65

<sup>1</sup> Probability of dying within 1 year.

<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 2.

**Life Table for the Projected Native-Born Population in the United States: 2020**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of Lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00595	100,000	77.31	0.00510	100,000	81.90
1	0.00031	99,405	76.78	0.00026	99,490	81.32
2	0.00026	99,374	75.80	0.00022	99,465	80.34
3	0.00022	99,348	74.82	0.00018	99,443	79.36
4	0.00018	99,327	73.83	0.00015	99,425	78.37
5	0.00015	99,309	72.85	0.00013	99,410	77.38
6	0.00012	99,294	71.86	0.00011	99,397	76.39
7	0.00011	99,282	70.87	0.00009	99,387	75.40
8	0.00010	99,271	69.88	0.00009	99,377	74.41
9	0.00010	99,261	68.88	0.00008	99,369	73.42
10	0.00011	99,251	67.89	0.00009	99,360	72.42
11	0.00013	99,241	66.90	0.00009	99,352	71.43
12	0.00017	99,228	65.90	0.00011	99,343	70.43
13	0.00022	99,211	64.92	0.00012	99,332	69.44
14	0.00028	99,190	63.93	0.00015	99,320	68.45
15	0.00036	99,162	62.95	0.00017	99,306	67.46
16	0.00045	99,126	61.97	0.00020	99,289	66.47
17	0.00055	99,081	61.00	0.00023	99,269	65.49
18	0.00066	99,027	60.03	0.00027	99,246	64.50
19	0.00076	98,961	59.07	0.00030	99,219	63.52
20	0.00086	98,886	58.11	0.00033	99,189	62.54
21	0.00095	98,801	57.16	0.00036	99,157	61.56
22	0.00102	98,708	56.22	0.00039	99,121	60.58
23	0.00108	98,607	55.27	0.00042	99,082	59.60
24	0.00114	98,500	54.33	0.00045	99,041	58.63
25	0.00118	98,388	53.40	0.00048	98,996	57.65
26	0.00122	98,272	52.46	0.00051	98,949	56.68
27	0.00125	98,152	51.52	0.00054	98,898	55.71
28	0.00129	98,029	50.59	0.00058	98,845	54.74
29	0.00132	97,903	49.65	0.00062	98,787	53.77
30	0.00136	97,773	48.72	0.00066	98,726	52.80
31	0.00140	97,640	47.78	0.00070	98,662	51.84
32	0.00144	97,504	46.85	0.00075	98,592	50.87
33	0.00148	97,364	45.91	0.00080	98,518	49.91
34	0.00153	97,220	44.98	0.00086	98,439	48.95
35	0.00158	97,071	44.05	0.00092	98,354	47.99
36	0.00165	96,917	43.12	0.00099	98,264	47.04
37	0.00172	96,758	42.19	0.00106	98,167	46.08
38	0.00180	96,592	41.26	0.00114	98,063	45.13
39	0.00190	96,417	40.33	0.00123	97,951	44.18
40	0.00202	96,234	39.41	0.00132	97,831	43.24
41	0.00216	96,039	38.49	0.00143	97,702	42.29
42	0.00233	95,831	37.57	0.00155	97,562	41.35
43	0.00252	95,608	36.66	0.00169	97,411	40.42
44	0.00274	95,367	35.75	0.00184	97,246	39.48
45	0.00300	95,106	34.85	0.00200	97,068	38.55
46	0.00329	94,821	33.95	0.00219	96,873	37.63
47	0.00361	94,509	33.06	0.00239	96,661	36.71
48	0.00396	94,167	32.18	0.00260	96,431	35.80
49	0.00435	93,794	31.30	0.00282	96,180	34.89
50	0.00476	93,387	30.44	0.00306	95,908	33.99
51	0.00521	92,942	29.58	0.00331	95,614	33.09
52	0.00569	92,458	28.73	0.00357	95,298	32.20
53	0.00621	91,932	27.90	0.00385	94,957	31.31
54	0.00676	91,361	27.07	0.00413	94,592	30.43
55	0.00735	90,743	26.25	0.00443	94,201	29.56
56	0.00796	90,076	25.44	0.00475	93,784	28.69
57	0.00858	89,360	24.64	0.00509	93,338	27.82
58	0.00922	88,593	23.85	0.00544	92,863	26.96
59	0.00988	87,776	23.06	0.00583	92,358	26.11
60	0.01056	86,908	22.29	0.00624	91,820	25.26

See footnotes at end of table.

Supplemental Appendix Table 2.

**Life Table for the Projected Native-Born Population in the United States: 2020—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of Lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.01128	85,990	21.52	0.00671	91,247	24.41
62 .....	0.01205	85,020	20.76	0.00724	90,634	23.57
63 .....	0.01287	83,996	20.01	0.00784	89,978	22.74
64 .....	0.01377	82,915	19.26	0.00852	89,273	21.92
65 .....	0.01477	81,773	18.53	0.00928	88,512	21.10
66 .....	0.01588	80,565	17.80	0.01013	87,691	20.29
67 .....	0.01713	79,285	17.07	0.01108	86,802	19.50
68 .....	0.01852	77,928	16.36	0.01213	85,841	18.71
69 .....	0.02007	76,484	15.66	0.01330	84,799	17.93
70 .....	0.02180	74,949	14.97	0.01459	83,671	17.17
71 .....	0.02371	73,316	14.30	0.01602	82,450	16.41
72 .....	0.02582	71,578	13.63	0.01761	81,129	15.67
73 .....	0.02816	69,729	12.98	0.01937	79,701	14.95
74 .....	0.03077	67,765	12.34	0.02133	78,157	14.23
75 .....	0.03368	65,680	11.72	0.02353	76,490	13.53
76 .....	0.03694	63,468	11.11	0.02599	74,690	12.84
77 .....	0.04060	61,124	10.51	0.02876	72,749	12.17
78 .....	0.04472	58,643	9.94	0.03188	70,657	11.52
79 .....	0.04935	56,020	9.38	0.03539	68,404	10.88
80 .....	0.05466	53,256	8.84	0.03951	65,984	10.26
81 .....	0.06068	50,345	8.32	0.04387	63,377	9.66
82 .....	0.06736	47,290	7.83	0.04895	60,596	9.08
83 .....	0.07467	44,104	7.36	0.05478	57,630	8.53
84 .....	0.08255	40,811	6.91	0.06138	54,473	7.99
85 .....	0.09093	37,442	6.49	0.06874	51,130	7.48
86 .....	0.09995	34,037	6.09	0.07673	47,615	7.00
87 .....	0.10969	30,635	5.71	0.08552	43,961	6.54
88 .....	0.12019	27,275	5.35	0.09515	40,202	6.10
89 .....	0.13144	23,997	5.01	0.10567	36,376	5.69
90 .....	0.14348	20,842	4.69	0.11711	32,533	5.30
91 .....	0.15630	17,852	4.40	0.12949	28,723	4.94
92 .....	0.16989	15,062	4.12	0.14285	25,003	4.60
93 .....	0.18424	12,503	3.86	0.15718	21,432	4.28
94 .....	0.19931	10,199	3.62	0.17247	18,063	3.99
95 .....	0.21507	8,167	3.39	0.18869	14,948	3.72
96 .....	0.23145	6,410	3.19	0.20580	12,127	3.47
97 .....	0.24840	4,927	3.00	0.22373	9,631	3.23
98 .....	0.26584	3,703	2.82	0.24240	7,477	3.02
99 .....	0.28367	2,718	2.66	0.26170	5,664	2.83
100 and over .....	1.00000	1,947	2.52	1.00000	4,182	2.66

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 3.

**Life Table for the Projected Foreign-Born Population in the United States: 2020**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00597	100,000	81.69	0.00510	100,000	85.68
1	0.00033	99,403	81.18	0.00031	99,490	85.12
2	0.00028	99,371	80.20	0.00026	99,458	84.14
3	0.00024	99,343	79.23	0.00022	99,432	83.16
4	0.00021	99,318	78.24	0.00019	99,410	82.18
5	0.00018	99,298	77.26	0.00015	99,392	81.20
6	0.00016	99,280	76.27	0.00013	99,376	80.21
7	0.00014	99,264	75.29	0.00011	99,363	79.22
8	0.00013	99,250	74.30	0.00010	99,352	78.23
9	0.00013	99,238	73.31	0.00010	99,342	77.24
10	0.00013	99,225	72.32	0.00009	99,332	76.25
11	0.00015	99,212	71.33	0.00010	99,323	75.25
12	0.00017	99,197	70.34	0.00010	99,314	74.26
13	0.00020	99,181	69.35	0.00011	99,304	73.27
14	0.00024	99,161	68.36	0.00013	99,293	72.27
15	0.00029	99,137	67.38	0.00014	99,280	71.28
16	0.00035	99,107	66.40	0.00016	99,266	70.29
17	0.00041	99,073	65.42	0.00017	99,251	69.30
18	0.00047	99,032	64.45	0.00019	99,233	68.32
19	0.00053	98,986	63.48	0.00020	99,214	67.33
20	0.00058	98,934	62.51	0.00022	99,194	66.34
21	0.00062	98,877	61.55	0.00023	99,173	65.36
22	0.00065	98,815	60.58	0.00023	99,150	64.37
23	0.00068	98,751	59.62	0.00024	99,127	63.39
24	0.00069	98,684	58.66	0.00024	99,103	62.40
25	0.00070	98,615	57.70	0.00025	99,079	61.42
26	0.00071	98,546	56.74	0.00025	99,054	60.43
27	0.00071	98,476	55.78	0.00026	99,029	59.45
28	0.00071	98,406	54.82	0.00026	99,004	58.46
29	0.00070	98,337	53.86	0.00027	98,978	57.48
30	0.00070	98,268	52.90	0.00028	98,951	56.49
31	0.00070	98,199	51.94	0.00029	98,924	55.51
32	0.00070	98,130	50.97	0.00031	98,894	54.53
33	0.00072	98,061	50.01	0.00033	98,864	53.54
34	0.00073	97,991	49.04	0.00036	98,831	52.56
35	0.00076	97,919	48.08	0.00039	98,795	51.58
36	0.00079	97,845	47.11	0.00043	98,756	50.60
37	0.00083	97,768	46.15	0.00046	98,714	49.62
38	0.00088	97,687	45.19	0.00050	98,668	48.64
39	0.00093	97,602	44.23	0.00054	98,619	47.67
40	0.00100	97,511	43.27	0.00059	98,566	46.69
41	0.00108	97,413	42.31	0.00064	98,507	45.72
42	0.00118	97,307	41.36	0.00070	98,444	44.75
43	0.00129	97,192	40.41	0.00077	98,375	43.78
44	0.00142	97,067	39.46	0.00084	98,299	42.81
45	0.00156	96,930	38.51	0.00093	98,216	41.85
46	0.00173	96,778	37.57	0.00102	98,125	40.89
47	0.00192	96,611	36.64	0.00112	98,025	39.93
48	0.00212	96,426	35.71	0.00124	97,915	38.97
49	0.00236	96,221	34.78	0.00137	97,793	38.02
50	0.00261	95,994	33.86	0.00151	97,660	37.07
51	0.00289	95,743	32.95	0.00166	97,513	36.13
52	0.00319	95,467	32.04	0.00182	97,351	35.19
53	0.00353	95,162	31.14	0.00200	97,173	34.25
54	0.00388	94,826	30.25	0.00219	96,979	33.32
55	0.00426	94,458	29.37	0.00239	96,767	32.39
56	0.00466	94,055	28.49	0.00260	96,536	31.47
57	0.00507	93,617	27.62	0.00282	96,285	30.55
58	0.00550	93,142	26.76	0.00306	96,014	29.63
59	0.00595	92,630	25.91	0.00331	95,720	28.72
60	0.00643	92,078	25.06	0.00358	95,403	27.81

See footnotes at end of table.

Supplemental Appendix Table 3.

**Life Table for the Projected Foreign-Born Population in the United States: 2020—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00695	91,486	24.22	0.00389	95,061	26.91
62 .....	0.00751	90,851	23.38	0.00423	94,692	26.02
63 .....	0.00813	90,168	22.56	0.00461	94,292	25.12
64 .....	0.00882	89,435	21.74	0.00504	93,857	24.24
65 .....	0.00958	88,646	20.93	0.00552	93,385	23.36
66 .....	0.01041	87,797	20.12	0.00604	92,869	22.49
67 .....	0.01133	86,883	19.33	0.00663	92,308	21.62
68 .....	0.01233	85,899	18.55	0.00727	91,696	20.76
69 .....	0.01344	84,840	17.77	0.00798	91,030	19.91
70 .....	0.01467	83,699	17.01	0.00879	90,303	19.06
71 .....	0.01605	82,471	16.25	0.00971	89,510	18.23
72 .....	0.01759	81,147	15.51	0.01076	88,641	17.40
73 .....	0.01931	79,720	14.78	0.01195	87,687	16.59
74 .....	0.02120	78,181	14.06	0.01330	86,639	15.78
75 .....	0.02329	76,523	13.35	0.01484	85,487	14.99
76 .....	0.02560	74,741	12.66	0.01660	84,219	14.21
77 .....	0.02816	72,827	11.98	0.01864	82,821	13.44
78 .....	0.03103	70,777	11.31	0.02102	81,277	12.68
79 .....	0.03430	68,581	10.66	0.02383	79,568	11.94
80 .....	0.03814	66,228	10.02	0.02725	77,672	11.22
81 .....	0.04266	63,702	9.40	0.03135	75,555	10.52
82 .....	0.04819	60,984	8.79	0.03621	73,187	9.85
83 .....	0.05477	58,046	8.21	0.04187	70,537	9.20
84 .....	0.06237	54,867	7.66	0.04829	67,583	8.58
85 .....	0.07087	51,445	7.14	0.05542	64,320	7.99
86 .....	0.07985	47,799	6.64	0.06323	60,755	7.43
87 .....	0.08980	43,982	6.17	0.07200	56,914	6.90
88 .....	0.10077	40,032	5.73	0.08183	52,816	6.39
89 .....	0.11281	35,998	5.32	0.09279	48,494	5.92
90 .....	0.12598	31,937	4.93	0.10495	43,994	5.47
91 .....	0.14029	27,914	4.57	0.11838	39,376	5.06
92 .....	0.15575	23,998	4.24	0.13310	34,715	4.67
93 .....	0.17236	20,260	3.93	0.14916	30,094	4.31
94 .....	0.19007	16,768	3.64	0.16654	25,606	3.97
95 .....	0.20884	13,581	3.38	0.18521	21,341	3.67
96 .....	0.22856	10,745	3.14	0.20510	17,389	3.39
97 .....	0.24913	8,289	2.92	0.22612	13,822	3.13
98 .....	0.27040	6,224	2.72	0.24811	10,697	2.90
99 .....	0.29221	4,541	2.54	0.27091	8,043	2.69
100 and over .....	1.00000	3,214	2.38	1.00000	5,864	2.51

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 4.

**Life Table for the Projected Total Population in the United States: 2030**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00537	100,000	79.65	0.00469	100,000	83.80
1	0.00027	99,463	79.08	0.00025	99,531	83.20
2	0.00023	99,436	78.10	0.00020	99,506	82.22
3	0.00019	99,413	77.12	0.00017	99,485	81.23
4	0.00016	99,394	76.14	0.00014	99,469	80.25
5	0.00013	99,379	75.15	0.00012	99,455	79.26
6	0.00011	99,365	74.16	0.00010	99,443	78.27
7	0.00010	99,354	73.17	0.00009	99,433	77.27
8	0.00009	99,344	72.17	0.00008	99,425	76.28
9	0.00009	99,335	71.18	0.00008	99,417	75.29
10	0.00010	99,326	70.19	0.00008	99,409	74.29
11	0.00011	99,317	69.19	0.00008	99,401	73.30
12	0.00014	99,305	68.20	0.00009	99,393	72.30
13	0.00017	99,292	67.21	0.00011	99,384	71.31
14	0.00022	99,274	66.22	0.00012	99,374	70.32
15	0.00029	99,252	65.24	0.00014	99,362	69.33
16	0.00035	99,224	64.26	0.00017	99,347	68.34
17	0.00043	99,189	63.28	0.00019	99,331	67.35
18	0.00050	99,146	62.31	0.00022	99,311	66.36
19	0.00057	99,097	61.34	0.00024	99,290	65.38
20	0.00064	99,040	60.37	0.00027	99,266	64.39
21	0.00070	98,976	59.41	0.00029	99,239	63.41
22	0.00075	98,907	58.45	0.00031	99,211	62.43
23	0.00078	98,833	57.49	0.00033	99,180	61.45
24	0.00081	98,756	56.54	0.00035	99,148	60.47
25	0.00083	98,676	55.58	0.00037	99,113	59.49
26	0.00085	98,594	54.63	0.00039	99,077	58.51
27	0.00086	98,511	53.68	0.00041	99,039	57.53
28	0.00088	98,426	52.72	0.00043	98,999	56.55
29	0.00089	98,339	51.77	0.00045	98,956	55.58
30	0.00091	98,251	50.81	0.00048	98,911	54.60
31	0.00093	98,162	49.86	0.00051	98,864	53.63
32	0.00096	98,070	48.91	0.00054	98,814	52.65
33	0.00098	97,976	47.95	0.00057	98,761	51.68
34	0.00101	97,880	47.00	0.00061	98,705	50.71
35	0.00105	97,781	46.05	0.00065	98,645	49.74
36	0.00109	97,679	45.09	0.00069	98,581	48.77
37	0.00114	97,572	44.14	0.00074	98,512	47.81
38	0.00121	97,460	43.19	0.00080	98,439	46.84
39	0.00128	97,343	42.24	0.00086	98,360	45.88
40	0.00137	97,218	41.30	0.00093	98,276	44.92
41	0.00147	97,085	40.35	0.00101	98,184	43.96
42	0.00160	96,942	39.41	0.00110	98,086	43.00
43	0.00174	96,788	38.47	0.00120	97,978	42.05
44	0.00191	96,619	37.54	0.00131	97,861	41.10
45	0.00211	96,434	36.61	0.00144	97,733	40.15
46	0.00233	96,230	35.69	0.00157	97,592	39.21
47	0.00258	96,006	34.77	0.00172	97,439	38.27
48	0.00285	95,758	33.86	0.00189	97,271	37.34
49	0.00315	95,485	32.95	0.00206	97,087	36.41
50	0.00347	95,184	32.06	0.00224	96,887	35.48
51	0.00382	94,854	31.17	0.00244	96,670	34.56
52	0.00420	94,492	30.28	0.00264	96,435	33.64
53	0.00462	94,095	29.41	0.00286	96,180	32.73
54	0.00508	93,661	28.54	0.00309	95,905	31.82
55	0.00557	93,185	27.69	0.00333	95,609	30.92
56	0.00608	92,667	26.84	0.00359	95,290	30.02
57	0.00660	92,104	26.00	0.00387	94,948	29.13
58	0.00713	91,496	25.17	0.00415	94,581	28.24
59	0.00768	90,843	24.35	0.00446	94,188	27.36
60	0.00825	90,146	23.53	0.00479	93,768	26.48

See footnotes at end of table.

Supplemental Appendix Table 4.

**Life Table for the Projected Total Population in the United States: 2030—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00886	89,402	22.72	0.00517	93,319	25.60
62 .....	0.00953	88,610	21.92	0.00561	92,836	24.73
63 .....	0.01027	87,766	21.13	0.00612	92,316	23.87
64 .....	0.01110	86,864	20.34	0.00670	91,751	23.01
65 .....	0.01201	85,900	19.56	0.00736	91,136	22.16
66 .....	0.01303	84,868	18.80	0.00810	90,465	21.32
67 .....	0.01416	83,762	18.04	0.00892	89,732	20.49
68 .....	0.01542	82,576	17.29	0.00983	88,932	19.67
69 .....	0.01683	81,302	16.55	0.01084	88,058	18.86
70 .....	0.01839	79,934	15.83	0.01197	87,103	18.07
71 .....	0.02012	78,464	15.11	0.01322	86,061	17.28
72 .....	0.02204	76,886	14.41	0.01462	84,923	16.50
73 .....	0.02416	75,191	13.73	0.01619	83,681	15.74
74 .....	0.02651	73,375	13.05	0.01794	82,327	14.99
75 .....	0.02913	71,430	12.40	0.01991	80,850	14.26
76 .....	0.03208	69,349	11.75	0.02214	79,240	13.54
77 .....	0.03542	67,124	11.13	0.02467	77,486	12.83
78 .....	0.03920	64,746	10.52	0.02755	75,574	12.14
79 .....	0.04346	62,208	9.93	0.03081	73,492	11.47
80 .....	0.04853	59,505	9.35	0.03491	71,228	10.82
81 .....	0.05405	56,617	8.81	0.03901	68,742	10.19
82 .....	0.06022	53,557	8.28	0.04374	66,060	9.59
83 .....	0.06703	50,332	7.78	0.04915	63,171	9.00
84 .....	0.07446	46,958	7.30	0.05525	60,066	8.44
85 .....	0.08244	43,462	6.85	0.06206	56,747	7.91
86 .....	0.09105	39,879	6.42	0.06948	53,226	7.40
87 .....	0.10042	36,248	6.01	0.07767	49,528	6.91
88 .....	0.11055	32,608	5.63	0.08669	45,681	6.45
89 .....	0.12149	29,003	5.26	0.09657	41,721	6.02
90 .....	0.13326	25,479	4.92	0.10738	37,692	5.61
91 .....	0.14586	22,084	4.60	0.11913	33,645	5.22
92 .....	0.15929	18,863	4.30	0.13186	29,637	4.86
93 .....	0.17355	15,858	4.02	0.14558	25,729	4.52
94 .....	0.18861	13,106	3.76	0.16030	21,983	4.21
95 .....	0.20444	10,634	3.52	0.17600	18,459	3.92
96 .....	0.22099	8,460	3.30	0.19264	15,210	3.65
97 .....	0.23818	6,590	3.09	0.21016	12,280	3.40
98 .....	0.25595	5,021	2.91	0.22851	9,699	3.17
99 .....	0.27420	3,736	2.73	0.24758	7,483	2.96
100 and over .....	1.00000	2,711	2.58	1.00000	5,630	2.77

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.



Supplemental Appendix Table 5.

**Life Table for the Projected Native-Born Population in the United States: 2030**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00537	100,000	79.19	0.00469	100,000	83.38
1	0.00027	99,463	78.62	0.00025	99,531	82.77
2	0.00023	99,436	77.64	0.00020	99,506	81.79
3	0.00019	99,414	76.66	0.00017	99,485	80.80
4	0.00016	99,395	75.67	0.00014	99,469	79.82
5	0.00013	99,379	74.68	0.00012	99,455	78.83
6	0.00011	99,366	73.69	0.00010	99,443	77.84
7	0.00010	99,355	72.70	0.00009	99,434	76.85
8	0.00009	99,345	71.71	0.00008	99,425	75.85
9	0.00009	99,336	70.72	0.00008	99,417	74.86
10	0.00010	99,327	69.72	0.00008	99,410	73.86
11	0.00011	99,318	68.73	0.00008	99,402	72.87
12	0.00014	99,307	67.74	0.00009	99,394	71.88
13	0.00018	99,293	66.75	0.00011	99,385	70.88
14	0.00023	99,276	65.76	0.00012	99,374	69.89
15	0.00029	99,253	64.77	0.00015	99,362	68.90
16	0.00036	99,225	63.79	0.00017	99,348	67.91
17	0.00044	99,189	62.81	0.00020	99,331	66.92
18	0.00051	99,146	61.84	0.00022	99,311	65.93
19	0.00059	99,095	60.87	0.00025	99,289	64.95
20	0.00066	99,037	59.91	0.00027	99,265	63.96
21	0.00072	98,971	58.95	0.00030	99,238	62.98
22	0.00078	98,900	57.99	0.00032	99,208	62.00
23	0.00082	98,823	57.03	0.00034	99,176	61.02
24	0.00085	98,742	56.08	0.00037	99,142	60.04
25	0.00087	98,658	55.13	0.00039	99,106	59.06
26	0.00090	98,572	54.18	0.00041	99,067	58.08
27	0.00092	98,483	53.22	0.00044	99,026	57.11
28	0.00094	98,393	52.27	0.00047	98,983	56.13
29	0.00097	98,300	51.32	0.00049	98,937	55.16
30	0.00099	98,205	50.37	0.00053	98,888	54.19
31	0.00102	98,108	49.42	0.00056	98,836	53.21
32	0.00105	98,008	48.47	0.00060	98,781	52.24
33	0.00108	97,905	47.52	0.00064	98,722	51.27
34	0.00112	97,799	46.57	0.00068	98,659	50.31
35	0.00117	97,689	45.62	0.00073	98,591	49.34
36	0.00122	97,575	44.68	0.00078	98,519	48.38
37	0.00127	97,456	43.73	0.00084	98,442	47.41
38	0.00134	97,332	42.78	0.00090	98,360	46.45
39	0.00142	97,201	41.84	0.00097	98,272	45.49
40	0.00152	97,063	40.90	0.00104	98,176	44.54
41	0.00163	96,916	39.96	0.00113	98,074	43.58
42	0.00176	96,758	39.03	0.00122	97,963	42.63
43	0.00192	96,587	38.09	0.00133	97,843	41.68
44	0.00210	96,402	37.17	0.00145	97,713	40.74
45	0.00231	96,199	36.24	0.00159	97,571	39.80
46	0.00254	95,977	35.33	0.00173	97,416	38.86
47	0.00280	95,733	34.41	0.00189	97,247	37.93
48	0.00309	95,465	33.51	0.00206	97,063	37.00
49	0.00339	95,170	32.61	0.00224	96,863	36.07
50	0.00372	94,847	31.72	0.00243	96,646	35.15
51	0.00409	94,494	30.84	0.00263	96,411	34.24
52	0.00448	94,108	29.96	0.00284	96,157	33.33
53	0.00492	93,686	29.10	0.00306	95,884	32.42
54	0.00539	93,226	28.24	0.00330	95,590	31.52
55	0.00589	92,724	27.39	0.00355	95,274	30.62
56	0.00642	92,177	26.55	0.00382	94,936	29.73
57	0.00696	91,586	25.71	0.00410	94,573	28.84
58	0.00751	90,949	24.89	0.00440	94,186	27.96
59	0.00807	90,266	24.08	0.00471	93,772	27.08
60	0.00865	89,538	23.27	0.00506	93,330	26.20

See footnotes at end of table.

Supplemental Appendix Table 5.

**Life Table for the Projected Native-Born Population in the United States: 2030—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00927	88,764	22.47	0.00545	92,858	25.34
62 .....	0.00996	87,941	21.67	0.00590	92,352	24.47
63 .....	0.01072	87,065	20.88	0.00644	91,807	23.61
64 .....	0.01156	86,132	20.11	0.00705	91,216	22.76
65 .....	0.01250	85,136	19.33	0.00774	90,573	21.92
66 .....	0.01354	84,072	18.57	0.00851	89,872	21.09
67 .....	0.01471	82,934	17.82	0.00937	89,107	20.27
68 .....	0.01601	81,714	17.08	0.01033	88,272	19.45
69 .....	0.01746	80,406	16.35	0.01140	87,360	18.65
70 .....	0.01907	79,002	15.63	0.01258	86,364	17.86
71 .....	0.02086	77,495	14.93	0.01390	85,278	17.08
72 .....	0.02284	75,879	14.23	0.01537	84,092	16.31
73 .....	0.02503	74,146	13.55	0.01700	82,800	15.56
74 .....	0.02745	72,290	12.89	0.01883	81,392	14.82
75 .....	0.03016	70,305	12.24	0.02087	79,860	14.10
76 .....	0.03320	68,185	11.60	0.02317	78,194	13.39
77 .....	0.03665	65,921	10.98	0.02578	76,382	12.69
78 .....	0.04053	63,505	10.38	0.02872	74,413	12.01
79 .....	0.04491	60,931	9.80	0.03204	72,276	11.35
80 .....	0.05011	58,195	9.24	0.03620	69,960	10.71
81 .....	0.05575	55,279	8.70	0.04029	67,428	10.10
82 .....	0.06203	52,197	8.18	0.04503	64,711	9.50
83 .....	0.06891	48,960	7.69	0.05045	61,797	8.93
84 .....	0.07637	45,586	7.22	0.05658	58,679	8.37
85 .....	0.08436	42,104	6.78	0.06342	55,359	7.84
86 .....	0.09300	38,552	6.36	0.07088	51,848	7.34
87 .....	0.10237	34,967	5.96	0.07910	48,173	6.86
88 .....	0.11249	31,388	5.58	0.08813	44,363	6.41
89 .....	0.12340	27,857	5.23	0.09802	40,453	5.98
90 .....	0.13511	24,419	4.89	0.10880	36,488	5.58
91 .....	0.14763	21,120	4.58	0.12051	32,518	5.20
92 .....	0.16096	18,002	4.28	0.13317	28,599	4.84
93 .....	0.17508	15,105	4.01	0.14681	24,791	4.51
94 .....	0.18998	12,460	3.75	0.16141	21,151	4.20
95 .....	0.20562	10,093	3.51	0.17696	17,737	3.91
96 .....	0.22196	8,017	3.30	0.19343	14,598	3.64
97 .....	0.23891	6,238	3.09	0.21077	11,775	3.40
98 .....	0.25643	4,748	2.91	0.22889	9,293	3.17
99 .....	0.27440	3,530	2.74	0.24773	7,166	2.96
100 and over .....	1.00000	2,562	2.58	1.00000	5,391	2.78

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 6.

**Life Table for the Projected Foreign-Born Population in the United States: 2030**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00539	100,000	82.70	0.00470	100,000	86.42
1	0.00029	99,461	82.15	0.00030	99,530	85.83
2	0.00024	99,433	81.17	0.00024	99,500	84.85
3	0.00021	99,409	80.19	0.00020	99,476	83.88
4	0.00018	99,388	79.21	0.00017	99,456	82.89
5	0.00016	99,370	78.22	0.00014	99,440	81.91
6	0.00014	99,355	77.23	0.00012	99,426	80.92
7	0.00012	99,341	76.24	0.00010	99,415	79.93
8	0.00011	99,329	75.25	0.00009	99,405	78.93
9	0.00011	99,318	74.26	0.00009	99,396	77.94
10	0.00011	99,307	73.27	0.00008	99,387	76.95
11	0.00012	99,296	72.28	0.00008	99,379	75.95
12	0.00014	99,283	71.29	0.00009	99,371	74.96
13	0.00016	99,270	70.30	0.00010	99,362	73.97
14	0.00020	99,253	69.31	0.00011	99,352	72.97
15	0.00024	99,233	68.32	0.00012	99,341	71.98
16	0.00029	99,209	67.34	0.00014	99,329	70.99
17	0.00033	99,181	66.36	0.00015	99,316	70.00
18	0.00038	99,148	65.38	0.00017	99,301	69.01
19	0.00043	99,110	64.40	0.00018	99,284	68.02
20	0.00047	99,068	63.43	0.00019	99,267	67.03
21	0.00050	99,022	62.46	0.00020	99,248	66.05
22	0.00053	98,972	61.49	0.00020	99,228	65.06
23	0.00054	98,920	60.52	0.00021	99,208	64.07
24	0.00055	98,866	59.56	0.00021	99,187	63.09
25	0.00056	98,812	58.59	0.00022	99,166	62.10
26	0.00056	98,757	57.62	0.00022	99,144	61.11
27	0.00056	98,702	56.65	0.00023	99,122	60.13
28	0.00056	98,647	55.69	0.00023	99,099	59.14
29	0.00056	98,592	54.72	0.00024	99,076	58.15
30	0.00056	98,537	53.75	0.00025	99,052	57.17
31	0.00056	98,482	52.78	0.00026	99,028	56.18
32	0.00056	98,427	51.80	0.00028	99,002	55.20
33	0.00057	98,372	50.83	0.00030	98,974	54.21
34	0.00059	98,316	49.86	0.00032	98,945	53.23
35	0.00061	98,258	48.89	0.00035	98,913	52.24
36	0.00064	98,198	47.92	0.00037	98,879	51.26
37	0.00067	98,135	46.95	0.00040	98,842	50.28
38	0.00071	98,069	45.98	0.00044	98,802	49.30
39	0.00076	97,999	45.02	0.00047	98,759	48.32
40	0.00082	97,924	44.05	0.00052	98,712	47.35
41	0.00089	97,844	43.09	0.00056	98,661	46.37
42	0.00097	97,757	42.12	0.00061	98,606	45.40
43	0.00107	97,662	41.16	0.00067	98,545	44.42
44	0.00118	97,558	40.21	0.00074	98,479	43.45
45	0.00131	97,443	39.25	0.00081	98,407	42.48
46	0.00145	97,315	38.30	0.00089	98,327	41.52
47	0.00161	97,174	37.36	0.00098	98,240	40.55
48	0.00179	97,018	36.42	0.00108	98,144	39.59
49	0.00199	96,845	35.48	0.00119	98,038	38.64
50	0.00220	96,652	34.55	0.00131	97,921	37.68
51	0.00244	96,439	33.63	0.00144	97,793	36.73
52	0.00270	96,204	32.71	0.00158	97,653	35.78
53	0.00300	95,944	31.80	0.00173	97,499	34.84
54	0.00331	95,657	30.89	0.00189	97,330	33.90
55	0.00366	95,340	29.99	0.00207	97,146	32.96
56	0.00402	94,991	29.10	0.00225	96,946	32.03
57	0.00439	94,609	28.21	0.00245	96,727	31.10
58	0.00477	94,194	27.34	0.00265	96,491	30.17
59	0.00517	93,744	26.47	0.00287	96,234	29.25
60	0.00560	93,259	25.60	0.00311	95,958	28.34

See footnotes at end of table.

Supplemental Appendix Table 6.

**Life Table for the Projected Foreign-Born Population in the United States: 2030—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00606	92,737	24.74	0.00338	95,659	27.42
62 .....	0.00659	92,175	23.89	0.00368	95,336	26.51
63 .....	0.00717	91,568	23.05	0.00404	94,985	25.61
64 .....	0.00783	90,911	22.21	0.00445	94,601	24.71
65 .....	0.00855	90,200	21.38	0.00491	94,181	23.82
66 .....	0.00936	89,428	20.56	0.00542	93,718	22.94
67 .....	0.01024	88,592	19.75	0.00598	93,211	22.06
68 .....	0.01121	87,685	18.95	0.00660	92,654	21.19
69 .....	0.01229	86,701	18.16	0.00729	92,042	20.32
70 .....	0.01349	85,636	17.38	0.00807	91,371	19.47
71 .....	0.01482	84,481	16.61	0.00896	90,634	18.62
72 .....	0.01632	83,229	15.85	0.00998	89,822	17.79
73 .....	0.01798	81,870	15.10	0.01114	88,925	16.96
74 .....	0.01981	80,398	14.37	0.01245	87,935	16.15
75 .....	0.02183	78,805	13.65	0.01394	86,840	15.35
76 .....	0.02408	77,085	12.95	0.01565	85,630	14.56
77 .....	0.02659	75,229	12.25	0.01763	84,290	13.78
78 .....	0.02943	73,228	11.57	0.01995	82,804	13.02
79 .....	0.03265	71,073	10.91	0.02266	81,152	12.27
80 .....	0.03656	68,753	10.26	0.02615	79,313	11.54
81 .....	0.04094	66,239	9.63	0.03001	77,240	10.84
82 .....	0.04624	63,528	9.02	0.03458	74,921	10.16
83 .....	0.05251	60,590	8.43	0.03986	72,331	9.51
84 .....	0.05973	57,408	7.87	0.04585	69,447	8.88
85 .....	0.06780	53,979	7.34	0.05250	66,263	8.28
86 .....	0.07637	50,320	6.84	0.05981	62,784	7.72
87 .....	0.08588	46,477	6.36	0.06802	59,029	7.17
88 .....	0.09637	42,485	5.92	0.07721	55,014	6.66
89 .....	0.10790	38,391	5.49	0.08745	50,766	6.18
90 .....	0.12052	34,248	5.10	0.09882	46,327	5.72
91 .....	0.13426	30,121	4.73	0.11137	41,749	5.29
92 .....	0.14912	26,077	4.38	0.12515	37,099	4.89
93 .....	0.16512	22,188	4.06	0.14020	32,456	4.52
94 .....	0.18222	18,524	3.77	0.15652	27,906	4.18
95 .....	0.20038	15,149	3.50	0.17408	23,538	3.86
96 .....	0.21951	12,113	3.25	0.19285	19,441	3.57
97 .....	0.23953	9,454	3.02	0.21275	15,691	3.30
98 .....	0.26029	7,190	2.81	0.23365	12,353	3.06
99 .....	0.28166	5,318	2.63	0.25541	9,467	2.84
100 and over .....	1.00000	3,820	2.46	1.00000	7,049	2.64

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 7.

**Life Table for the Projected Total Population in the United States: 2040**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00485	100,000	81.22	0.00432	100,000	85.06
1	0.00024	99,515	80.62	0.00025	99,568	84.43
2	0.00020	99,491	79.64	0.00019	99,543	83.45
3	0.00017	99,472	78.65	0.00015	99,524	82.46
4	0.00014	99,455	77.67	0.00013	99,509	81.47
5	0.00012	99,442	76.68	0.00011	99,496	80.49
6	0.00010	99,430	75.69	0.00009	99,486	79.49
7	0.00009	99,420	74.69	0.00008	99,477	78.50
8	0.00008	99,411	73.70	0.00007	99,469	77.51
9	0.00008	99,403	72.71	0.00007	99,461	76.51
10	0.00009	99,395	71.71	0.00007	99,455	75.52
11	0.00010	99,386	70.72	0.00007	99,448	74.52
12	0.00011	99,377	69.72	0.00008	99,441	73.53
13	0.00014	99,365	68.73	0.00009	99,433	72.53
14	0.00018	99,351	67.74	0.00010	99,424	71.54
15	0.00023	99,333	66.75	0.00012	99,413	70.55
16	0.00028	99,310	65.77	0.00014	99,401	69.56
17	0.00034	99,282	64.79	0.00016	99,387	68.57
18	0.00039	99,249	63.81	0.00018	99,371	67.58
19	0.00045	99,210	62.83	0.00020	99,353	66.59
20	0.00050	99,166	61.86	0.00022	99,333	65.60
21	0.00054	99,117	60.89	0.00024	99,311	64.62
22	0.00057	99,064	59.92	0.00025	99,287	63.63
23	0.00059	99,007	58.96	0.00027	99,262	62.65
24	0.00061	98,948	57.99	0.00029	99,235	61.67
25	0.00062	98,888	57.03	0.00030	99,207	60.68
26	0.00063	98,826	56.06	0.00032	99,177	59.70
27	0.00064	98,764	55.10	0.00033	99,146	58.72
28	0.00065	98,701	54.13	0.00035	99,113	57.74
29	0.00066	98,637	53.17	0.00037	99,078	56.76
30	0.00067	98,572	52.20	0.00039	99,042	55.78
31	0.00069	98,506	51.24	0.00041	99,004	54.80
32	0.00071	98,438	50.27	0.00043	98,963	53.82
33	0.00073	98,368	49.31	0.00046	98,920	52.85
34	0.00075	98,297	48.34	0.00049	98,875	51.87
35	0.00078	98,223	47.38	0.00052	98,826	50.90
36	0.00082	98,146	46.42	0.00056	98,774	49.92
37	0.00086	98,065	45.45	0.00060	98,719	48.95
38	0.00091	97,981	44.49	0.00064	98,660	47.98
39	0.00097	97,891	43.53	0.00069	98,597	47.01
40	0.00104	97,796	42.58	0.00075	98,529	46.04
41	0.00113	97,694	41.62	0.00081	98,455	45.08
42	0.00123	97,584	40.67	0.00088	98,376	44.11
43	0.00134	97,465	39.71	0.00096	98,289	43.15
44	0.00148	97,334	38.77	0.00105	98,195	42.19
45	0.00165	97,189	37.82	0.00115	98,092	41.23
46	0.00183	97,029	36.89	0.00127	97,979	40.28
47	0.00203	96,852	35.95	0.00139	97,855	39.33
48	0.00225	96,655	35.02	0.00152	97,719	38.39
49	0.00248	96,438	34.10	0.00165	97,571	37.44
50	0.00274	96,199	33.19	0.00180	97,409	36.50
51	0.00302	95,935	32.28	0.00196	97,234	35.57
52	0.00334	95,645	31.37	0.00212	97,044	34.64
53	0.00369	95,326	30.48	0.00230	96,838	33.71
54	0.00408	94,975	29.59	0.00249	96,615	32.79
55	0.00450	94,587	28.71	0.00270	96,375	31.87
56	0.00494	94,162	27.83	0.00291	96,115	30.95
57	0.00539	93,697	26.97	0.00314	95,835	30.04
58	0.00585	93,192	26.11	0.00338	95,534	29.14
59	0.00631	92,647	25.26	0.00363	95,211	28.23
60	0.00679	92,063	24.42	0.00391	94,865	27.33

See footnotes at end of table.

Supplemental Appendix Table 7.

**Life Table for the Projected Total Population in the United States: 2040—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00733	91,438	23.58	0.00423	94,494	26.44
62 .....	0.00793	90,768	22.75	0.00461	94,094	25.55
63 .....	0.00861	90,048	21.93	0.00506	93,661	24.66
64 .....	0.00937	89,273	21.12	0.00558	93,187	23.79
65 .....	0.01022	88,437	20.31	0.00618	92,667	22.92
66 .....	0.01117	87,533	19.52	0.00685	92,094	22.06
67 .....	0.01223	86,555	18.73	0.00760	91,463	21.21
68 .....	0.01340	85,497	17.96	0.00843	90,768	20.37
69 .....	0.01471	84,351	17.19	0.00935	90,003	19.53
70 .....	0.01617	83,110	16.44	0.01039	89,161	18.71
71 .....	0.01779	81,766	15.71	0.01155	88,234	17.90
72 .....	0.01959	80,311	14.98	0.01285	87,216	17.11
73 .....	0.02157	78,738	14.27	0.01431	86,095	16.32
74 .....	0.02376	77,040	13.57	0.01594	84,863	15.55
75 .....	0.02621	75,209	12.89	0.01778	83,511	14.80
76 .....	0.02898	73,238	12.23	0.01986	82,026	14.06
77 .....	0.03212	71,116	11.58	0.02225	80,397	13.33
78 .....	0.03569	68,831	10.94	0.02496	78,609	12.62
79 .....	0.03972	66,375	10.33	0.02805	76,646	11.93
80 .....	0.04468	63,738	9.74	0.03215	74,497	11.26
81 .....	0.04986	60,891	9.17	0.03598	72,102	10.62
82 .....	0.05567	57,854	8.62	0.04039	69,507	10.00
83 .....	0.06209	54,634	8.10	0.04542	66,700	9.40
84 .....	0.06911	51,242	7.61	0.05109	63,670	8.82
85 .....	0.07671	47,700	7.13	0.05742	60,417	8.27
86 .....	0.08495	44,041	6.68	0.06435	56,948	7.74
87 .....	0.09394	40,300	6.26	0.07201	53,284	7.24
88 .....	0.10370	36,514	5.86	0.08045	49,447	6.76
89 .....	0.11428	32,728	5.48	0.08974	45,469	6.31
90 .....	0.12569	28,988	5.12	0.09991	41,388	5.89
91 .....	0.13796	25,344	4.78	0.11100	37,253	5.48
92 .....	0.15109	21,848	4.47	0.12305	33,118	5.11
93 .....	0.16509	18,546	4.17	0.13609	29,043	4.75
94 .....	0.17992	15,485	3.90	0.15011	25,090	4.42
95 .....	0.19558	12,699	3.64	0.16511	21,324	4.12
96 .....	0.21200	10,215	3.41	0.18109	17,803	3.83
97 .....	0.22913	8,049	3.19	0.19798	14,579	3.57
98 .....	0.24690	6,205	2.99	0.21574	11,693	3.32
99 .....	0.26522	4,673	2.81	0.23428	9,170	3.10
100 and over ...	1.00000	3,434	2.64	1.00000	7,022	2.90

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 8.

**Life Table for the Projected Native-Born Population in the United States: 2040**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00485	100,000	80.87	0.00432	100,000	84.73
1	0.00024	99,515	80.26	0.00025	99,568	84.09
2	0.00020	99,492	79.28	0.00019	99,543	83.11
3	0.00016	99,472	78.30	0.00015	99,524	82.13
4	0.00014	99,456	77.31	0.00013	99,509	81.14
5	0.00012	99,442	76.32	0.00011	99,496	80.15
6	0.00010	99,430	75.33	0.00009	99,486	79.16
7	0.00009	99,420	74.34	0.00008	99,477	78.17
8	0.00008	99,411	73.34	0.00007	99,469	77.17
9	0.00008	99,403	72.35	0.00007	99,462	76.18
10	0.00008	99,395	71.35	0.00007	99,455	75.19
11	0.00010	99,387	70.36	0.00007	99,448	74.19
12	0.00011	99,378	69.37	0.00008	99,441	73.20
13	0.00014	99,366	68.38	0.00009	99,433	72.20
14	0.00018	99,352	67.39	0.00011	99,424	71.21
15	0.00023	99,334	66.40	0.00012	99,414	70.22
16	0.00029	99,311	65.41	0.00014	99,401	69.22
17	0.00034	99,283	64.43	0.00016	99,387	68.23
18	0.00040	99,249	63.45	0.00018	99,371	67.25
19	0.00046	99,209	62.48	0.00021	99,353	66.26
20	0.00051	99,164	61.51	0.00023	99,332	65.27
21	0.00055	99,114	60.54	0.00025	99,310	64.29
22	0.00059	99,059	59.57	0.00026	99,285	63.30
23	0.00062	99,000	58.61	0.00028	99,259	62.32
24	0.00064	98,939	57.64	0.00030	99,231	61.34
25	0.00065	98,876	56.68	0.00032	99,202	60.35
26	0.00066	98,812	55.71	0.00033	99,170	59.37
27	0.00067	98,747	54.75	0.00035	99,137	58.39
28	0.00069	98,680	53.79	0.00038	99,102	57.41
29	0.00071	98,612	52.82	0.00040	99,065	56.43
30	0.00072	98,543	51.86	0.00042	99,026	55.46
31	0.00074	98,471	50.90	0.00045	98,984	54.48
32	0.00077	98,398	49.94	0.00048	98,940	53.50
33	0.00079	98,323	48.97	0.00051	98,893	52.53
34	0.00082	98,245	48.01	0.00054	98,842	51.56
35	0.00086	98,164	47.05	0.00058	98,789	50.58
36	0.00090	98,080	46.09	0.00062	98,732	49.61
37	0.00095	97,992	45.13	0.00066	98,671	48.64
38	0.00100	97,899	44.17	0.00071	98,606	47.67
39	0.00106	97,801	43.22	0.00076	98,535	46.71
40	0.00114	97,697	42.26	0.00082	98,460	45.74
41	0.00123	97,585	41.31	0.00089	98,379	44.78
42	0.00133	97,466	40.36	0.00097	98,291	43.82
43	0.00146	97,336	39.41	0.00105	98,197	42.86
44	0.00161	97,193	38.47	0.00115	98,093	41.91
45	0.00178	97,037	37.53	0.00126	97,980	40.95
46	0.00197	96,865	36.60	0.00138	97,857	40.00
47	0.00218	96,674	35.67	0.00150	97,723	39.06
48	0.00240	96,464	34.75	0.00164	97,576	38.12
49	0.00265	96,232	33.83	0.00178	97,416	37.18
50	0.00291	95,977	32.92	0.00193	97,243	36.24
51	0.00320	95,697	32.01	0.00209	97,055	35.31
52	0.00353	95,391	31.11	0.00226	96,853	34.39
53	0.00389	95,054	30.22	0.00244	96,634	33.46
54	0.00429	94,684	29.34	0.00264	96,398	32.54
55	0.00472	94,278	28.46	0.00285	96,143	31.63
56	0.00517	93,833	27.59	0.00307	95,870	30.72
57	0.00564	93,348	26.74	0.00330	95,576	29.81
58	0.00611	92,821	25.88	0.00355	95,260	28.91
59	0.00658	92,255	25.04	0.00381	94,922	28.01
60	0.00707	91,647	24.20	0.00409	94,560	27.11

See footnotes at end of table.

Supplemental Appendix Table 8.

**Life Table for the Projected Native-Born Population in the United States: 2040—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00762	90,999	23.37	0.00442	94,173	26.22
62 .....	0.00823	90,306	22.55	0.00481	93,756	25.34
63 .....	0.00892	89,562	21.73	0.00528	93,305	24.46
64 .....	0.00970	88,763	20.92	0.00583	92,812	23.58
65 .....	0.01058	87,902	20.12	0.00645	92,271	22.72
66 .....	0.01155	86,972	19.33	0.00715	91,676	21.86
67 .....	0.01263	85,968	18.55	0.00793	91,020	21.02
68 .....	0.01383	84,882	17.78	0.00880	90,298	20.18
69 .....	0.01518	83,708	17.02	0.00977	89,504	19.36
70 .....	0.01669	82,437	16.28	0.01084	88,630	18.54
71 .....	0.01835	81,062	15.55	0.01205	87,669	17.74
72 .....	0.02020	79,574	14.83	0.01341	86,612	16.95
73 .....	0.02224	77,966	14.12	0.01492	85,451	16.17
74 .....	0.02449	76,233	13.43	0.01661	84,176	15.41
75 .....	0.02700	74,366	12.76	0.01851	82,777	14.66
76 .....	0.02984	72,358	12.10	0.02066	81,245	13.93
77 .....	0.03307	70,198	11.46	0.02310	79,567	13.21
78 .....	0.03673	67,877	10.83	0.02587	77,729	12.52
79 .....	0.04086	65,384	10.22	0.02900	75,719	11.83
80 .....	0.04592	62,713	9.64	0.03317	73,522	11.17
81 .....	0.05121	59,833	9.08	0.03700	71,084	10.54
82 .....	0.05710	56,769	8.54	0.04141	68,454	9.92
83 .....	0.06358	53,527	8.03	0.04645	65,619	9.33
84 .....	0.07064	50,124	7.54	0.05214	62,571	8.76
85 .....	0.07824	46,583	7.07	0.05850	59,308	8.22
86 .....	0.08651	42,938	6.63	0.06546	55,838	7.70
87 .....	0.09550	39,224	6.21	0.07315	52,183	7.20
88 .....	0.10526	35,478	5.82	0.08161	48,366	6.73
89 .....	0.11582	31,743	5.44	0.09089	44,419	6.28
90 .....	0.12719	28,067	5.09	0.10105	40,382	5.86
91 .....	0.13940	24,497	4.76	0.11211	36,301	5.46
92 .....	0.15245	21,082	4.45	0.12411	32,232	5.09
93 .....	0.16634	17,868	4.16	0.13707	28,231	4.74
94 .....	0.18105	14,896	3.89	0.15100	24,362	4.41
95 .....	0.19655	12,199	3.64	0.16589	20,683	4.11
96 .....	0.21280	9,801	3.40	0.18173	17,252	3.83
97 .....	0.22974	7,715	3.19	0.19847	14,117	3.57
98 .....	0.24730	5,943	2.99	0.21605	11,315	3.32
99 .....	0.26539	4,473	2.81	0.23440	8,870	3.10
100 and over .....	1.00000	3,286	2.65	1.00000	6,791	2.90

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.



Supplemental Appendix Table 9.

**Life Table for the Projected Foreign-Born Population in the United States: 2040**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00486	100,000	83.63	0.00432	100,000	87.14
1	0.00025	99,514	83.04	0.00029	99,568	86.51
2	0.00021	99,489	82.06	0.00022	99,539	85.54
3	0.00018	99,469	81.08	0.00018	99,517	84.56
4	0.00015	99,451	80.09	0.00015	99,499	83.57
5	0.00013	99,435	79.11	0.00012	99,484	82.59
6	0.00012	99,422	78.12	0.00010	99,472	81.60
7	0.00011	99,410	77.12	0.00009	99,462	80.60
8	0.00010	99,400	76.13	0.00008	99,453	79.61
9	0.00010	99,390	75.14	0.00008	99,445	78.62
10	0.00010	99,380	74.15	0.00007	99,437	77.62
11	0.00010	99,370	73.16	0.00007	99,430	76.63
12	0.00012	99,360	72.16	0.00008	99,423	75.64
13	0.00014	99,349	71.17	0.00008	99,415	74.64
14	0.00016	99,335	70.18	0.00009	99,407	73.65
15	0.00020	99,319	69.19	0.00011	99,397	72.65
16	0.00024	99,299	68.21	0.00012	99,387	71.66
17	0.00027	99,276	67.22	0.00013	99,375	70.67
18	0.00031	99,249	66.24	0.00014	99,362	69.68
19	0.00035	99,218	65.26	0.00015	99,347	68.69
20	0.00038	99,184	64.28	0.00016	99,332	67.70
21	0.00040	99,146	63.31	0.00017	99,316	66.71
22	0.00042	99,106	62.33	0.00018	99,299	65.72
23	0.00043	99,064	61.36	0.00018	99,281	64.73
24	0.00044	99,021	60.38	0.00019	99,262	63.75
25	0.00044	98,978	59.41	0.00019	99,244	62.76
26	0.00044	98,934	58.44	0.00020	99,225	61.77
27	0.00044	98,891	57.46	0.00020	99,205	60.78
28	0.00044	98,847	56.49	0.00021	99,185	59.79
29	0.00044	98,804	55.51	0.00021	99,164	58.81
30	0.00044	98,761	54.54	0.00022	99,143	57.82
31	0.00044	98,717	53.56	0.00023	99,121	56.83
32	0.00045	98,674	52.58	0.00025	99,098	55.85
33	0.00046	98,629	51.61	0.00026	99,074	54.86
34	0.00047	98,584	50.63	0.00028	99,048	53.87
35	0.00049	98,537	49.65	0.00030	99,020	52.89
36	0.00052	98,489	48.68	0.00033	98,989	51.90
37	0.00055	98,438	47.70	0.00035	98,957	50.92
38	0.00058	98,384	46.73	0.00038	98,922	49.94
39	0.00062	98,327	45.76	0.00042	98,884	48.96
40	0.00067	98,265	44.78	0.00045	98,843	47.98
41	0.00073	98,199	43.81	0.00049	98,798	47.00
42	0.00080	98,127	42.85	0.00053	98,750	46.02
43	0.00088	98,049	41.88	0.00058	98,697	45.05
44	0.00098	97,962	40.92	0.00064	98,640	44.07
45	0.00109	97,866	39.96	0.00071	98,577	43.10
46	0.00121	97,760	39.00	0.00078	98,507	42.13
47	0.00135	97,641	38.05	0.00085	98,431	41.16
48	0.00151	97,509	37.10	0.00094	98,346	40.20
49	0.00167	97,362	36.15	0.00103	98,254	39.23
50	0.00186	97,199	35.21	0.00113	98,153	38.27
51	0.00206	97,019	34.28	0.00124	98,042	37.32
52	0.00229	96,819	33.35	0.00136	97,920	36.36
53	0.00254	96,598	32.42	0.00149	97,786	35.41
54	0.00283	96,352	31.50	0.00164	97,640	34.46
55	0.00314	96,079	30.59	0.00179	97,480	33.52
56	0.00346	95,778	29.69	0.00195	97,306	32.58
57	0.00380	95,446	28.79	0.00212	97,116	31.64
58	0.00414	95,083	27.89	0.00230	96,910	30.71
59	0.00450	94,689	27.01	0.00249	96,687	29.78
60	0.00487	94,264	26.13	0.00270	96,445	28.85

See footnotes at end of table.

Supplemental Appendix Table 9.

**Life Table for the Projected Foreign-Born Population in the United States: 2040—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00529	93,804	25.25	0.00293	96,185	27.93
62 .....	0.00577	93,308	24.39	0.00321	95,903	27.01
63 .....	0.00632	92,769	23.52	0.00354	95,595	26.09
64 .....	0.00694	92,183	22.67	0.00393	95,256	25.19
65 .....	0.00764	91,543	21.83	0.00437	94,882	24.28
66 .....	0.00841	90,843	20.99	0.00485	94,468	23.39
67 .....	0.00926	90,080	20.16	0.00539	94,009	22.50
68 .....	0.01019	89,246	19.35	0.00599	93,502	21.62
69 .....	0.01123	88,336	18.54	0.00666	92,942	20.75
70 .....	0.01239	87,344	17.75	0.00741	92,324	19.88
71 .....	0.01369	86,261	16.96	0.00827	91,639	19.03
72 .....	0.01514	85,080	16.19	0.00926	90,881	18.18
73 .....	0.01674	83,792	15.43	0.01038	90,040	17.35
74 .....	0.01851	82,389	14.69	0.01165	89,105	16.52
75 .....	0.02047	80,864	13.95	0.01309	88,067	15.71
76 .....	0.02265	79,209	13.24	0.01475	86,914	14.91
77 .....	0.02511	77,415	12.53	0.01668	85,632	14.13
78 .....	0.02790	75,471	11.84	0.01892	84,204	13.36
79 .....	0.03108	73,365	11.17	0.02154	82,611	12.61
80 .....	0.03503	71,085	10.51	0.02509	80,831	11.87
81 .....	0.03929	68,594	9.87	0.02874	78,803	11.17
82 .....	0.04437	65,900	9.25	0.03301	76,538	10.48
83 .....	0.05034	62,975	8.66	0.03795	74,011	9.82
84 .....	0.05719	59,805	8.09	0.04353	71,203	9.19
85 .....	0.06485	56,385	7.55	0.04974	68,103	8.59
86 .....	0.07304	52,728	7.04	0.05658	64,716	8.01
87 .....	0.08212	48,877	6.56	0.06425	61,054	7.46
88 .....	0.09216	44,863	6.10	0.07283	57,132	6.94
89 .....	0.10320	40,728	5.67	0.08240	52,971	6.44
90 .....	0.11529	36,525	5.26	0.09302	48,606	5.98
91 .....	0.12847	32,314	4.89	0.10475	44,085	5.54
92 .....	0.14276	28,163	4.53	0.11765	39,467	5.13
93 .....	0.15816	24,142	4.20	0.13174	34,824	4.75
94 .....	0.17466	20,324	3.90	0.14705	30,236	4.39
95 .....	0.19222	16,774	3.62	0.16357	25,790	4.06
96 .....	0.21078	13,550	3.36	0.18126	21,572	3.76
97 .....	0.23025	10,694	3.12	0.20008	17,661	3.48
98 .....	0.25051	8,232	2.91	0.21992	14,128	3.22
99 .....	0.27143	6,169	2.71	0.24066	11,021	2.99
100 and over .....	1.00000	4,495	2.54	1.00000	8,369	2.78

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 10.

**Life Table for the Projected Total Population in the United States: 2050**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00437	100,000	82.64	0.00398	100,000	86.22
1	0.00021	99,563	82.00	0.00024	99,602	85.56
2	0.00017	99,542	81.02	0.00018	99,578	84.58
3	0.00014	99,525	80.03	0.00014	99,560	83.60
4	0.00012	99,510	79.04	0.00012	99,546	82.61
5	0.00010	99,498	78.05	0.00010	99,534	81.62
6	0.00009	99,488	77.06	0.00008	99,525	80.63
7	0.00008	99,479	76.06	0.00007	99,517	79.64
8	0.00008	99,471	75.07	0.00007	99,509	78.64
9	0.00007	99,463	74.08	0.00006	99,503	77.65
10	0.00008	99,456	73.08	0.00006	99,496	76.65
11	0.00008	99,449	72.09	0.00006	99,490	75.66
12	0.00009	99,440	71.09	0.00007	99,484	74.66
13	0.00012	99,431	70.10	0.00008	99,477	73.67
14	0.00015	99,420	69.11	0.00009	99,469	72.67
15	0.00018	99,405	68.12	0.00010	99,461	71.68
16	0.00022	99,387	67.13	0.00012	99,450	70.69
17	0.00027	99,365	66.15	0.00014	99,438	69.69
18	0.00031	99,338	65.16	0.00015	99,425	68.70
19	0.00035	99,308	64.18	0.00017	99,410	67.71
20	0.00038	99,273	63.20	0.00018	99,393	66.73
21	0.00041	99,235	62.23	0.00020	99,375	65.74
22	0.00044	99,194	61.25	0.00021	99,355	64.75
23	0.00045	99,151	60.28	0.00022	99,334	63.76
24	0.00046	99,106	59.31	0.00023	99,312	62.78
25	0.00046	99,061	58.33	0.00025	99,289	61.79
26	0.00047	99,015	57.36	0.00026	99,265	60.81
27	0.00047	98,969	56.39	0.00027	99,239	59.82
28	0.00048	98,922	55.41	0.00028	99,212	58.84
29	0.00049	98,875	54.44	0.00030	99,184	57.86
30	0.00050	98,827	53.47	0.00031	99,154	56.87
31	0.00051	98,777	52.49	0.00033	99,123	55.89
32	0.00052	98,727	51.52	0.00035	99,090	54.91
33	0.00054	98,675	50.55	0.00037	99,055	53.93
34	0.00056	98,622	49.57	0.00040	99,019	52.95
35	0.00059	98,567	48.60	0.00042	98,980	51.97
36	0.00061	98,509	47.63	0.00045	98,938	50.99
37	0.00065	98,448	46.66	0.00048	98,893	50.01
38	0.00069	98,384	45.69	0.00052	98,846	49.04
39	0.00074	98,317	44.72	0.00055	98,795	48.06
40	0.00079	98,244	43.75	0.00060	98,740	47.09
41	0.00086	98,166	42.79	0.00065	98,681	46.12
42	0.00094	98,082	41.82	0.00070	98,617	45.15
43	0.00104	97,989	40.86	0.00077	98,548	44.18
44	0.00115	97,888	39.90	0.00084	98,472	43.21
45	0.00128	97,775	38.95	0.00093	98,389	42.25
46	0.00143	97,649	38.00	0.00102	98,298	41.29
47	0.00159	97,510	37.05	0.00111	98,197	40.33
48	0.00177	97,354	36.11	0.00122	98,088	39.37
49	0.00196	97,182	35.17	0.00133	97,969	38.42
50	0.00216	96,992	34.24	0.00145	97,838	37.47
51	0.00239	96,782	33.31	0.00157	97,697	36.52
52	0.00265	96,550	32.39	0.00171	97,544	35.58
53	0.00295	96,294	31.48	0.00185	97,377	34.64
54	0.00327	96,011	30.57	0.00201	97,197	33.70
55	0.00364	95,696	29.67	0.00218	97,002	32.77
56	0.00401	95,348	28.78	0.00236	96,790	31.84
57	0.00440	94,966	27.89	0.00255	96,562	30.91
58	0.00479	94,548	27.01	0.00275	96,315	29.99
59	0.00518	94,095	26.14	0.00296	96,050	29.07
60	0.00559	93,607	25.27	0.00319	95,765	28.16

See footnotes at end of table.

## Supplemental Appendix Table 10.

**Life Table for the Projected Total Population in the United States: 2050—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00606	93,084	24.41	0.00346	95,460	27.25
62 .....	0.00659	92,520	23.56	0.00378	95,130	26.34
63 .....	0.00721	91,910	22.71	0.00418	94,770	25.44
64 .....	0.00791	91,248	21.87	0.00465	94,374	24.54
65 .....	0.00870	90,526	21.04	0.00519	93,935	23.65
66 .....	0.00957	89,739	20.22	0.00580	93,448	22.78
67 .....	0.01055	88,879	19.41	0.00648	92,906	21.91
68 .....	0.01164	87,942	18.61	0.00723	92,304	21.05
69 .....	0.01286	86,918	17.83	0.00807	91,637	20.19
70 .....	0.01422	85,800	17.05	0.00902	90,897	19.35
71 .....	0.01573	84,580	16.29	0.01008	90,078	18.53
72 .....	0.01741	83,249	15.54	0.01129	89,169	17.71
73 .....	0.01926	81,800	14.81	0.01264	88,163	16.91
74 .....	0.02130	80,225	14.09	0.01416	87,048	16.12
75 .....	0.02358	78,516	13.39	0.01587	85,816	15.34
76 .....	0.02617	76,665	12.70	0.01782	84,454	14.58
77 .....	0.02912	74,659	12.03	0.02006	82,949	13.84
78 .....	0.03249	72,484	11.37	0.02262	81,285	13.11
79 .....	0.03630	70,129	10.74	0.02553	79,447	12.40
80 .....	0.04112	67,584	10.12	0.02961	77,419	11.71
81 .....	0.04600	64,804	9.54	0.03319	75,127	11.05
82 .....	0.05145	61,824	8.97	0.03730	72,633	10.42
83 .....	0.05750	58,643	8.43	0.04197	69,924	9.80
84 .....	0.06414	55,271	7.91	0.04724	66,990	9.21
85 .....	0.07137	51,726	7.42	0.05312	63,825	8.64
86 .....	0.07924	48,035	6.95	0.05958	60,435	8.10
87 .....	0.08786	44,228	6.51	0.06674	56,834	7.58
88 .....	0.09725	40,343	6.09	0.07465	53,041	7.08
89 .....	0.10747	36,419	5.69	0.08337	49,081	6.62
90 .....	0.11853	32,505	5.32	0.09293	44,989	6.17
91 .....	0.13046	28,653	4.96	0.10340	40,808	5.75
92 .....	0.14329	24,914	4.63	0.11480	36,589	5.36
93 .....	0.15700	21,344	4.32	0.12716	32,388	4.99
94 .....	0.17160	17,993	4.04	0.14051	28,270	4.64
95 .....	0.18706	14,906	3.77	0.15485	24,298	4.32
96 .....	0.20334	12,117	3.52	0.17016	20,535	4.02
97 .....	0.22039	9,654	3.29	0.18643	17,041	3.74
98 .....	0.23813	7,526	3.08	0.20360	13,864	3.48
99 .....	0.25649	5,734	2.89	0.22160	11,041	3.25
100 and over .....	1.00000	4,263	2.71	1.00000	8,595	3.03

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 11.

**Life Table for the Projected Native-Born Population in the United States: 2050**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00437	100,000	82.37	0.00397	100,000	85.97
1	0.00021	99,563	81.73	0.00024	99,603	85.31
2	0.00017	99,542	80.75	0.00018	99,578	84.33
3	0.00014	99,525	79.76	0.00014	99,560	83.35
4	0.00012	99,511	78.77	0.00012	99,546	82.36
5	0.00010	99,498	77.78	0.00010	99,534	81.37
6	0.00009	99,488	76.79	0.00008	99,525	80.38
7	0.00008	99,479	75.80	0.00007	99,517	79.39
8	0.00007	99,471	74.80	0.00007	99,510	78.39
9	0.00007	99,464	73.81	0.00006	99,503	77.40
10	0.00007	99,457	72.81	0.00006	99,497	76.40
11	0.00008	99,449	71.82	0.00006	99,491	75.41
12	0.00009	99,441	70.83	0.00007	99,484	74.41
13	0.00012	99,432	69.83	0.00008	99,477	73.42
14	0.00015	99,420	68.84	0.00009	99,470	72.42
15	0.00018	99,406	67.85	0.00010	99,461	71.43
16	0.00023	99,387	66.86	0.00012	99,450	70.43
17	0.00027	99,365	65.88	0.00014	99,438	69.44
18	0.00031	99,338	64.90	0.00015	99,425	68.45
19	0.00035	99,307	63.92	0.00017	99,410	67.46
20	0.00039	99,272	62.94	0.00019	99,393	66.47
21	0.00042	99,233	61.96	0.00020	99,374	65.49
22	0.00045	99,191	60.99	0.00022	99,354	64.50
23	0.00047	99,147	60.02	0.00023	99,333	63.51
24	0.00048	99,101	59.04	0.00024	99,310	62.53
25	0.00048	99,054	58.07	0.00026	99,285	61.54
26	0.00049	99,006	57.10	0.00027	99,260	60.56
27	0.00049	98,958	56.13	0.00029	99,233	59.58
28	0.00050	98,909	55.15	0.00030	99,205	58.59
29	0.00052	98,859	54.18	0.00032	99,175	57.61
30	0.00053	98,808	53.21	0.00034	99,143	56.63
31	0.00054	98,756	52.24	0.00036	99,110	55.65
32	0.00056	98,702	51.26	0.00038	99,074	54.67
33	0.00058	98,647	50.29	0.00040	99,037	53.69
34	0.00060	98,590	49.32	0.00043	98,997	52.71
35	0.00063	98,530	48.35	0.00046	98,955	51.73
36	0.00066	98,468	47.38	0.00049	98,909	50.75
37	0.00070	98,403	46.41	0.00052	98,861	49.78
38	0.00075	98,334	45.45	0.00056	98,809	48.80
39	0.00080	98,260	44.48	0.00060	98,754	47.83
40	0.00086	98,182	43.51	0.00065	98,694	46.86
41	0.00093	98,098	42.55	0.00070	98,630	45.89
42	0.00101	98,007	41.59	0.00076	98,561	44.92
43	0.00111	97,908	40.63	0.00083	98,485	43.96
44	0.00123	97,800	39.68	0.00091	98,404	42.99
45	0.00137	97,679	38.72	0.00100	98,314	42.03
46	0.00152	97,546	37.78	0.00109	98,216	41.07
47	0.00169	97,397	36.83	0.00119	98,109	40.12
48	0.00187	97,232	35.89	0.00130	97,992	39.16
49	0.00207	97,050	34.96	0.00141	97,865	38.21
50	0.00228	96,850	34.03	0.00153	97,727	37.27
51	0.00251	96,629	33.11	0.00166	97,577	36.32
52	0.00278	96,387	32.19	0.00180	97,415	35.38
53	0.00308	96,119	31.28	0.00195	97,240	34.45
54	0.00342	95,823	30.37	0.00211	97,051	33.51
55	0.00379	95,496	29.48	0.00228	96,847	32.58
56	0.00417	95,134	28.59	0.00247	96,626	31.66
57	0.00457	94,737	27.70	0.00266	96,388	30.73
58	0.00497	94,304	26.83	0.00287	96,131	29.81
59	0.00537	93,836	25.96	0.00308	95,855	28.90
60	0.00579	93,332	25.10	0.00331	95,560	27.99

See footnotes at end of table.

Supplemental Appendix Table 11.

**Life Table for the Projected Native-Born Population in the United States: 2050—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00626	92,792	24.24	0.00359	95,243	27.08
62 .....	0.00680	92,211	23.39	0.00393	94,901	26.17
63 .....	0.00743	91,584	22.55	0.00433	94,529	25.27
64 .....	0.00814	90,904	21.71	0.00482	94,119	24.38
65 .....	0.00895	90,163	20.89	0.00538	93,665	23.50
66 .....	0.00984	89,357	20.07	0.00601	93,162	22.62
67 .....	0.01084	88,477	19.27	0.00671	92,602	21.76
68 .....	0.01196	87,518	18.47	0.00749	91,981	20.90
69 .....	0.01320	86,472	17.69	0.00837	91,292	20.05
70 .....	0.01460	85,330	16.92	0.00935	90,528	19.22
71 .....	0.01615	84,085	16.16	0.01045	89,682	18.39
72 .....	0.01786	82,727	15.42	0.01170	88,744	17.58
73 .....	0.01975	81,249	14.69	0.01309	87,706	16.79
74 .....	0.02184	79,644	13.98	0.01466	86,558	16.00
75 .....	0.02417	77,905	13.28	0.01641	85,289	15.23
76 .....	0.02682	76,022	12.59	0.01841	83,890	14.48
77 .....	0.02984	73,983	11.93	0.02070	82,345	13.74
78 .....	0.03328	71,776	11.28	0.02330	80,641	13.02
79 .....	0.03716	69,387	10.65	0.02625	78,762	12.32
80 .....	0.04208	66,808	10.04	0.03039	76,694	11.64
81 .....	0.04703	63,997	9.46	0.03397	74,364	10.99
82 .....	0.05255	60,987	8.90	0.03808	71,838	10.36
83 .....	0.05865	57,782	8.37	0.04276	69,102	9.75
84 .....	0.06532	54,393	7.86	0.04805	66,147	9.16
85 .....	0.07256	50,840	7.37	0.05395	62,968	8.60
86 .....	0.08045	47,152	6.91	0.06044	59,571	8.06
87 .....	0.08908	43,358	6.47	0.06762	55,970	7.54
88 .....	0.09848	39,496	6.06	0.07555	52,185	7.05
89 .....	0.10868	35,606	5.66	0.08426	48,243	6.59
90 .....	0.11971	31,737	5.29	0.09382	44,178	6.15
91 .....	0.13160	27,937	4.94	0.10426	40,033	5.74
92 .....	0.14437	24,261	4.62	0.11562	35,860	5.34
93 .....	0.15800	20,758	4.31	0.12793	31,713	4.98
94 .....	0.17250	17,479	4.03	0.14121	27,656	4.63
95 .....	0.18784	14,464	3.76	0.15546	23,751	4.31
96 .....	0.20398	11,747	3.52	0.17067	20,058	4.02
97 .....	0.22088	9,351	3.29	0.18681	16,635	3.74
98 .....	0.23845	7,285	3.08	0.20384	13,527	3.48
99 .....	0.25663	5,548	2.89	0.22170	10,770	3.25
100 and over .....	1.00000	4,124	2.71	1.00000	8,382	3.03

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.

Supplemental Appendix Table 12.

**Life Table for the Projected Foreign-Born Population in the United States: 2050**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
0	0.00438	100,000	84.49	0.00398	100,000	87.83
1	0.00022	99,562	83.86	0.00028	99,602	87.18
2	0.00018	99,540	82.88	0.00020	99,575	86.20
3	0.00015	99,522	81.90	0.00016	99,554	85.22
4	0.00013	99,507	80.91	0.00013	99,538	84.23
5	0.00012	99,494	79.92	0.00011	99,525	83.24
6	0.00010	99,482	78.93	0.00009	99,514	82.25
7	0.00009	99,472	77.94	0.00008	99,505	81.26
8	0.00009	99,462	76.95	0.00007	99,497	80.27
9	0.00008	99,454	75.95	0.00007	99,490	79.27
10	0.00008	99,445	74.96	0.00007	99,483	78.28
11	0.00009	99,437	73.96	0.00006	99,477	77.28
12	0.00010	99,428	72.97	0.00007	99,470	76.29
13	0.00011	99,419	71.98	0.00007	99,463	75.29
14	0.00013	99,408	70.99	0.00008	99,456	74.30
15	0.00016	99,394	70.00	0.00009	99,448	73.30
16	0.00019	99,378	69.01	0.00010	99,439	72.31
17	0.00022	99,359	68.02	0.00011	99,429	71.32
18	0.00025	99,337	67.04	0.00012	99,417	70.33
19	0.00028	99,312	66.05	0.00013	99,405	69.34
20	0.00031	99,284	65.07	0.00014	99,391	68.34
21	0.00033	99,254	64.09	0.00015	99,377	67.35
22	0.00034	99,221	63.11	0.00016	99,362	66.36
23	0.00035	99,188	62.13	0.00016	99,347	65.37
24	0.00035	99,153	61.15	0.00017	99,331	64.39
25	0.00035	99,119	60.17	0.00017	99,314	63.40
26	0.00035	99,084	59.20	0.00017	99,297	62.41
27	0.00035	99,050	58.22	0.00018	99,280	61.42
28	0.00035	99,016	57.24	0.00018	99,262	60.43
29	0.00035	98,982	56.26	0.00019	99,244	59.44
30	0.00035	98,947	55.27	0.00020	99,225	58.45
31	0.00035	98,913	54.29	0.00021	99,205	57.46
32	0.00036	98,878	53.31	0.00022	99,185	56.47
33	0.00037	98,842	52.33	0.00023	99,163	55.49
34	0.00038	98,806	51.35	0.00025	99,140	54.50
35	0.00040	98,768	50.37	0.00027	99,115	53.51
36	0.00042	98,729	49.39	0.00029	99,088	52.53
37	0.00044	98,688	48.41	0.00031	99,060	51.54
38	0.00047	98,644	47.43	0.00034	99,029	50.56
39	0.00051	98,597	46.45	0.00036	98,996	49.57
40	0.00055	98,547	45.48	0.00039	98,960	48.59
41	0.00060	98,492	44.50	0.00043	98,921	47.61
42	0.00066	98,433	43.53	0.00046	98,879	46.63
43	0.00073	98,368	42.56	0.00051	98,833	45.65
44	0.00081	98,296	41.59	0.00056	98,783	44.68
45	0.00091	98,216	40.62	0.00062	98,727	43.70
46	0.00102	98,127	39.66	0.00068	98,667	42.73
47	0.00114	98,027	38.70	0.00074	98,600	41.76
48	0.00127	97,915	37.74	0.00082	98,527	40.79
49	0.00141	97,791	36.79	0.00090	98,446	39.82
50	0.00156	97,654	35.84	0.00098	98,358	38.85
51	0.00174	97,501	34.90	0.00108	98,261	37.89
52	0.00194	97,331	33.95	0.00118	98,155	36.93
53	0.00216	97,143	33.02	0.00129	98,039	35.98
54	0.00241	96,933	32.09	0.00141	97,913	35.02
55	0.00269	96,699	31.17	0.00155	97,774	34.07
56	0.00299	96,439	30.25	0.00169	97,623	33.12
57	0.00329	96,151	29.34	0.00184	97,458	32.18
58	0.00359	95,835	28.43	0.00200	97,278	31.24
59	0.00391	95,490	27.53	0.00216	97,084	30.30
60	0.00424	95,117	26.64	0.00234	96,874	29.36

See footnotes at end of table.

Supplemental Appendix Table 12.

**Life Table for the Projected Foreign-Born Population in the United States: 2050—Con.**

Age	Male			Female		
	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)	Death probability (qx) <sup>1</sup>	Number of lives (lx) <sup>2</sup>	Life expectancy (ex)
61 .....	0.00462	94,714	25.75	0.00255	96,647	28.43
62 .....	0.00506	94,276	24.87	0.00280	96,400	27.50
63 .....	0.00557	93,799	23.99	0.00311	96,130	26.58
64 .....	0.00616	93,276	23.12	0.00347	95,831	25.66
65 .....	0.00682	92,702	22.27	0.00388	95,499	24.75
66 .....	0.00755	92,069	21.41	0.00435	95,128	23.84
67 .....	0.00837	91,374	20.57	0.00486	94,715	22.94
68 .....	0.00927	90,609	19.74	0.00544	94,254	22.05
69 .....	0.01027	89,769	18.92	0.00608	93,742	21.17
70 .....	0.01139	88,848	18.11	0.00681	93,172	20.30
71 .....	0.01264	87,835	17.32	0.00764	92,538	19.43
72 .....	0.01404	86,725	16.53	0.00859	91,831	18.58
73 .....	0.01559	85,507	15.76	0.00967	91,042	17.73
74 .....	0.01730	84,174	15.00	0.01090	90,161	16.90
75 .....	0.01918	82,718	14.26	0.01230	89,178	16.08
76 .....	0.02131	81,131	13.53	0.01390	88,082	15.28
77 .....	0.02372	79,403	12.81	0.01577	86,857	14.49
78 .....	0.02646	77,520	12.11	0.01795	85,487	13.71
79 .....	0.02958	75,469	11.43	0.02049	83,953	12.95
80 .....	0.03357	73,236	10.76	0.02408	82,233	12.21
81 .....	0.03770	70,777	10.11	0.02751	80,253	11.50
82 .....	0.04258	68,109	9.49	0.03152	78,045	10.81
83 .....	0.04826	65,209	8.89	0.03612	75,585	10.15
84 .....	0.05476	62,062	8.32	0.04133	72,854	9.51
85 .....	0.06203	58,663	7.77	0.04712	69,843	8.90
86 .....	0.06985	55,025	7.25	0.05351	66,552	8.31
87 .....	0.07853	51,181	6.76	0.06068	62,991	7.75
88 .....	0.08812	47,162	6.29	0.06870	59,169	7.22
89 .....	0.09868	43,006	5.85	0.07763	55,104	6.72
90 .....	0.11027	38,762	5.44	0.08755	50,827	6.24
91 .....	0.12291	34,488	5.05	0.09851	46,377	5.79
92 .....	0.13664	30,249	4.68	0.11056	41,809	5.37
93 .....	0.15147	26,116	4.35	0.12375	37,186	4.98
94 .....	0.16739	22,160	4.03	0.13811	32,584	4.61
95 .....	0.18437	18,451	3.74	0.15363	28,084	4.27
96 .....	0.20236	15,049	3.48	0.17030	23,770	3.95
97 .....	0.22128	12,004	3.23	0.18808	19,722	3.66
98 .....	0.24104	9,347	3.01	0.20690	16,012	3.39
99 .....	0.26151	7,094	2.80	0.22666	12,699	3.15
100 and over .....	1.00000	5,239	2.62	1.00000	9,821	2.93

<sup>1</sup> Probability of dying within 1 year.<sup>2</sup> Number of survivors out of 100,000 born alive.

Note: The period life expectancy at a given age represents the average number of years of life remaining if a group of people at that age were to experience the mortality rates of that time over the course of their remaining life.

Source: U.S. Census Bureau, 2017 National Population Projections.