

District of Columbia Population Change: April 1, 2010 to July 1, 2017

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Introduction

The U.S. Census Bureau produces and publishes estimates of the population for the nation, states, counties, state/county equivalents, and Puerto Rico on an annual basis. Population estimate at any given time point starts with a population base (the latest decennial census), adds births, subtracts deaths, and adds net migration (both international and domestic).

This report presents the numeric and percent change of the District of Columbia population by age, race, and Hispanic or Latino origin and highlights the trends of the components of population change from April 1, 2010 to July 1, 2017. The report also highlights the top ten fast growing states in the nation during the April 1, 2010 to July 1, 2017 Period.

Highlights of District of Columbia Population Change

- During the April 1, 2010 to July 1, 2017 period, the District experienced the largest annual numeric population change between July 1, 2010 and July 1, 2011, adding 15,296 people (1,275 people each month).
- Between July 1, 2016 and July 1, 2017, the District's population increased by 1.4 percent or 9,636 people (803 people each month).
- Between April 1, 2010 and July 1, 2017, the District's population increased by 92,249 people or 15.3 percent.
- Of the total 92,249 people added to the District's total population between April 1, 2010 and July 1, 2017, Whites accounted for 67.2 percent (61,969 people), Blacks 17.8 percent (16,428 people), Asians 8.7 percent (8,042 people), and other races accounted for 6.3 percent (5,810 people).
- Since July 1, 2011 the Net Domestic Migration in the District showed a declining trend, compared with other components of population change (Natural Increase and Net International Migration).
- Between April 1, 2010 and July 1, 2017, the male population grew slightly faster (15.8 percent) than the female population (14.9 percent). As a result, the sex ratio (the number of males per 100 females) in the District increased from 89.5 on April 1, 2010 to 90.2 as of July 1, 2017.
- Between April 1, 2010 and July 1, 2017, the age group 30 to 34 years experienced the largest numeric population growth (24,059 people) than other age groups in the District, while the age group 20 to 24 years experienced the largest numeric population loss (-10,534 people).
- All race groups in the District experienced population gain between April 1, 2010 and July 1, 2017. The Whites experienced the largest numeric population change (61,969 people), while the Asians experienced the highest percent change (37.1 percent).
- Between April 1, 2010 and July 1, 2017, the Hispanic or Latino population grew by 39.8 percent, compared with 12.9 percent for the non-Hispanic or Latino population.
- The share of Hispanics or Latinos in the District increased from 9.1 percent on April 1, 2010 to 11 percent on July 1, 2017.
- Between April 1, 2010 and July 1, 2017, among states and equivalents, the District of Columbia experienced the fastest population growth by percent (15.3 percent), followed by Texas (12.6 percent, and North Dakota (12.3 percent).

Terms and Definitions

Population Estimates: The calculated number of people living in an area as of a specified point in time, usually July 1.

Base Population: The population count or estimate used as a starting point in the estimates process. The April 1, 2010 estimates base population may differ from the April 1, 2010 Census count due to legal boundary updates, other geographic program changes, and Count Question Resolution actions.

Natural Increase: Births minus deaths. The rate of natural increase expresses natural increase during a specified time period as a proportion of an area's population at the midpoint of the time period. Rates are expressed per 1,000 population.

Net Domestic Migration: The difference between domestic in-migration to an area and domestic out-migration from the same area during a specified time period. The net domestic migration rate expresses net domestic migration during a specified time period as a proportion of an area's population at the midpoint of the time period.

Net International Migration: Any change of residence across the borders of the United States (50 states and the District of Columbia). The international migration rate expresses net international migration during a specified time period as a proportion of an area's population at the midpoint of the time period.

Net Migration: Net domestic migration plus net international migration. The net migration rate expresses net migration during a specified time period as a proportion of an area's population at the midpoint of the time period.

Numeric Population Change: The difference between the population of an area at the beginning and end of a time period.

Percent Population Change: The difference between the population of an area at the beginning and end of a time period, expressed as a percentage of the beginning population.

Residual: Population change that cannot be attributed to any specific demographic components of population change.

District of Columbia Population Change

According to the 2010 Census, the District of Columbia had a total of 601,723 residents on April 1, 2010. Between April 1, 2010 and July 1, 2017, the District's population grew by 15.3 percent or 92,249 people, bringing the total population to 693,972 (Table 1).

**Table 1. Annual Estimates of Population for District of Columbia:
April 1, 2010 to July 1, 2017**

Subject	April 1, 2010		Population Estimate (as of July 1)								Change, April 1, 2010 to July 1, 2017
	Census	Estimates Base	2010	2011	2012	2013	2014	2015	2016	2017	
Total population	601,723	601,766	605,040	620,336	635,630	650,114	660,797	672,736	684,336	693,972	X
Numeric change	X	43	3,274	15,296	15,294	14,484	10,683	11,939	11,600	9,636	92,249
Percent change	X	X	0.6	2.5	2.5	2.3	1.6	1.8	1.7	1.4	15.3

X = Not applicable

Source: U.S. Census Bureau Population Division, Release Date: June 2018

Components of Population Change

The District of Columbia experienced the largest annual numeric population growth between July 1, 2010 and July 1, 2011, adding 15,296 people (1,275 people each month). Of the total 15,296 people added to the District's population, net domestic migration accounted for the highest share at 48.5 percent or 7,413 people, natural increase accounted for 29.6 percent or 4,528 people, and net international migration accounted for 19.7 percent or 3,020 people (Table 2).

**Table 2. Estimates of the Components of Population Change for District of Columbia:
April 1, 2010 to July 1, 2017**

Components of population change	Period							
	April 1, 2010 to July 1, 2010	July 1, 2010 to July 1, 2011	July 1, 2011 to July 1, 2012	July 1, 2012 to July 1, 2013	July 1, 2013 to July 1, 2014	July 1, 2014 to July 1, 2015	July 1, 2015 to July 1, 2016	July 1, 2016 to July 1, 2017
Population as of beginning of period	601,766	605,040	620,336	635,630	650,114	660,797	672,736	684,336
Numeric Change	3,274	15,296	15,294	14,484	10,683	11,939	11,600	9,636
Births	2,246	9,199	9,231	9,446	9,334	9,652	9,589	9,715
Deaths	1,180	4,671	4,542	4,811	4,650	4,892	5,181	5,422
Natural Increase	1,066	4,528	4,689	4,635	4,684	4,760	4,408	4,293
Net International Migration	657	3,020	3,470	3,629	3,784	4,190	4,215	4,160
Net Domestic Migration	1,335	7,413	6,879	6,026	2,125	2,910	2,947	1,152
Net Migration	1,992	10,433	10,349	9,655	5,909	7,100	7,162	5,312
Residual	216	335	256	194	90	79	30	31
Birth Rate	X	15.0	14.7	14.7	14.2	14.5	14.1	14.1
Death Rate	X	7.6	7.2	7.5	7.1	7.3	7.6	7.9
Natural Increase Rate	X	7.4	7.5	7.2	7.1	7.1	6.5	6.2
Net international Migration Rate	X	4.9	5.5	5.6	5.8	6.3	6.2	6.0
Net Domestic Migration Rate	X	12.1	11.0	9.4	3.2	4.4	4.3	1.7
Net Migration Rate	X	17.0	16.5	15.0	9.0	10.6	10.6	7.7
Population as of end of period	605,040	620,336	635,630	650,114	660,797	672,736	684,336	693,972
X = Not applicable								

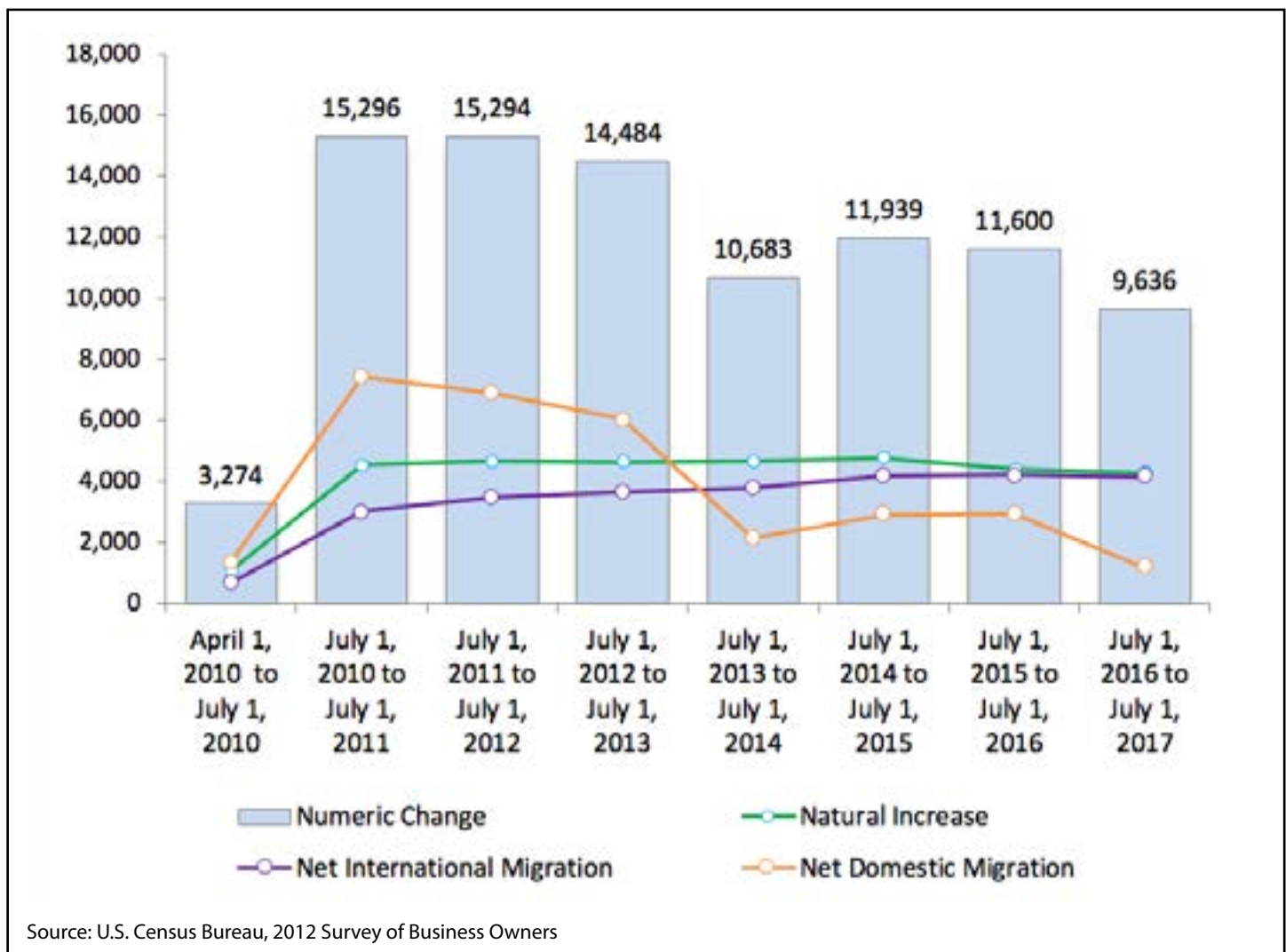
Source: U.S. Census Bureau, Population Division, Release date: June 2018

Since July 1, 2011, however, the net domestic migration in the District showed a declining trend compared with other components of population change (natural increase and net international migration).

During the recent population estimates, covering July 1, 2016 to July 1, 2017, the District's population grew by 1.4 percent or 9,636 people (803 people each month). Of this growth, net domestic migration accounted for only 12 percent or 1,152 people, net international migration accounted for 43.2 percent or 4,160 people, and natural increase accounted for the highest share at 44.6 percent or 4,408 people.

The District's population continued to grow each year since the 2010 Census. However, as shown on Figure 1, the annual numeric population change showed a declining trend after its peak (15,296 people) between July 1, 2010 and July 1, 2011. This decline is mainly due to the decrease in the net domestic migration.

Figure 1. Estimates of the Components of Population Change for the District of Columbia: April 1, 2010 to July 1, 2017



Population Change by Sex and Age Group

Between April 1, 2010 and July 1, 2017, the male population in the District grew slightly faster (15.8 percent) than the female population (14.9 percent). As a result, the sex ratio (the number of males per 100 females) increased from 89.5 on April 1, 2010 to 90.2 as of July 1, 2017. Population change in the District also varied by age group. Between April 1, 2010 and July 1, 2017, among the five-year age groups, the age group 30 to 34 years experienced the largest numeric population increase (24,059 people), followed by age group 35 to 39 years (17,018 people), and age group 25 to 29 years (13,798 people). Between April 1, 2010 and July 1, 2017, population aged 25 to 39 years in the District increased by 54,875 people, accounting for more than half or 59.5 percent of the total numeric change (92,249 people).

On the other hand, age group 20 to 24 years experienced the largest numeric population loss (-10,534 people). Similarly, age group 15 to 19 years (-3,000) and age group 80 to 84 years (-226 people) experienced population loss during the April 1, 2010 to July 1, 2017 period. In terms of percent population change, the age group 30 to 34 years grew faster (43.7 percent) than other five-year age groups, while age group 20 to 24 years declined by 16.4 percent.

Looking at selected age categories, between April 1, 2010 and July 1, 2017, the population under the age of 18 grew at a rate of 23.5 percent, compared with population aged 18 to 64 years (12.4 percent), population aged 64 years and over (21.7 percent), and population 85 years and over (17.6 percent). The median age of the District's population increased from 33.8 years on April 1, 2010 to 34 years on July 1, 2017, a growth rate of 0.6 percent (Table 3).

**Table 3. Annual Estimates of Population for District of Columbia by Age Group:
April 1, 2010 to July 1, 2017**

	April 1, 2010		Population Estimates (as of July 1)								Change, April 1, 2010 to July 1, 2017	
Age	Census	Estimates Base	2010	2011	2012	2013	2014	2015	2016	2017	Number	%
Total	601,723	601,766	605,040	620,336	635,630	650,114	660,797	672,736	684,336	693,972	92,249	15.3
SEX												
Male	284,222	284,242	285,881	293,745	300,999	308,444	313,877	319,150	324,797	329,199	44,977	15.8
Female	317,501	317,524	319,159	326,591	334,631	341,670	346,920	353,586	359,539	364,773	47,272	14.9
AGE GROUP												
Under 5 years	32,613	32,614	33,275	36,231	38,817	41,175	42,833	44,169	44,465	45,035	12,422	38.1
5 to 9 years	26,147	26,148	26,156	26,677	28,092	29,758	30,858	32,268	34,159	36,123	9,976	38.2
10 to 14 years	25,041	25,043	24,939	24,821	25,044	25,420	25,914	26,346	26,557	27,603	2,562	10.2
15 to 19 years	39,919	39,925	39,760	39,130	38,486	37,574	36,886	36,614	36,673	36,919	-3,000	-7.5
20 to 24 years	64,110	64,118	63,314	60,811	58,558	56,634	55,823	55,043	54,349	53,576	-10,534	-16.4
25 to 29 years	69,649	69,654	70,566	74,762	78,257	80,246	80,591	81,416	82,573	83,447	13,798	19.8
30 to 34 years	55,096	55,099	56,232	61,194	65,658	69,902	72,452	74,986	77,550	79,155	24,059	43.7
35 to 39 years	42,925	42,932	43,226	43,953	45,482	47,841	50,541	53,801	57,332	59,943	17,018	39.6
40 to 44 years	37,734	37,737	38,038	39,409	40,519	41,220	41,538	41,605	41,397	42,095	4,361	11.6
45 to 49 years	38,539	38,541	38,619	38,694	38,383	38,088	37,725	37,843	38,637	38,821	282	0.7
50 to 54 years	37,164	37,165	37,269	37,660	37,932	38,559	38,871	38,763	38,359	37,394	230	0.6
55 to 59 years	34,274	34,275	34,489	35,313	35,935	36,612	36,694	36,856	37,003	36,638	2,364	6.9
60 to 64 years	29,703	29,705	30,053	31,498	31,715	32,033	32,557	32,972	33,235	33,489	3,786	12.7
65 to 69 years	21,488	21,488	21,619	22,120	23,644	24,794	25,989	27,169	28,255	28,021	6,533	30.4
70 to 74 years	15,481	15,481	15,568	15,937	16,578	17,287	18,062	18,724	19,055	20,198	4,717	30.5
75 to 79 years	11,820	11,820	11,808	11,914	12,104	12,354	12,637	13,068	13,419	13,903	2,083	17.6
80 to 84 years	9,705	9,706	9,699	9,519	9,388	9,374	9,282	9,279	9,403	9,479	-226	-2.3
85 years and over	10,315	10,315	10,410	10,693	11,038	11,243	11,544	11,814	11,915	12,133	1,818	17.6
Under 18 years	100,815	100,822	101,265	103,967	107,674	111,698	115,054	118,353	120,911	124,492	23,677	23.5
Under 5 years	32,613	32,614	33,275	36,231	38,817	41,175	42,833	44,169	44,465	45,035	12,422	38.1
5 to 13 years	46,048	46,050	46,021	46,499	48,221	50,197	51,608	53,378	55,694	58,614	12,566	27.3
14 to 17 years	22,154	22,158	21,969	21,237	20,636	20,326	20,613	20,806	20,752	20,843	-1,311	-5.9
18 to 64 years	432,099	432,134	434,671	446,186	455,204	463,364	468,229	474,329	481,378	485,746	53,647	12.4
18 to 24 years	87,015	87,026	86,179	83,703	81,323	78,863	77,260	76,087	75,292	74,764	-12,251	-14.1
25 to 44 years	205,404	205,422	208,062	219,318	229,916	239,209	245,122	251,808	258,852	264,640	59,236	28.8
45 to 64 years	139,680	139,686	140,430	143,165	143,965	145,292	145,847	146,434	147,234	146,342	6,662	4.8
65 years and over	68,809	68,810	69,104	70,183	72,752	75,052	77,514	80,054	82,047	83,734	14,925	21.7
85 years and over	10,315	10,315	10,410	10,693	11,038	11,243	11,544	11,814	11,915	12,133	1,818	17.6
16 years and over	512,575	512,613	515,371	527,562	538,627	548,842	556,173	564,791	573,907	580,166	67,591	13.2
18 years and over	500,908	500,944	503,775	516,369	527,956	538,416	545,743	554,383	563,425	569,480	68,572	13.7
15 to 44 years	309,433	309,465	311,136	319,259	326,960	333,417	337,831	343,465	349,874	355,135	45,702	14.8
Median age (years)	33.8	33.8	33.8	33.7	33.7	33.7	33.9	33.9	34.0	34.0	0.2	0.6

Source: U.S. Census Bureau, Population Division, Release Date: June 2018

Population Change by Race

Between April 1, 2010 and July 1, 2017, Asians experienced the highest growth rate at 37.1 percent, followed by American Indian and Alaskan Natives (26.8 percent), Native Hawaiian and Other Pacific Islanders (26.8 percent), Whites (24.7 percent), and Black or African Americans (5.3 percent). In terms of numeric population change, of the total 92,249 people added to the District's population between April 1, 2010 and July 1, 2017, Whites accounted for the highest share at 67.2 percent or 61,969 people, Black or African Americans accounted for 17.8 percent or 16,428 people, Asians accounted for 8.7 percent or 8,042 people, and other races accounted for 6.3 percent or 5,810 people.

The share of Whites in the District increased from 41.8 percent on April 1, 2010 to 45.1 percent on July 1, 2017, while the share of Black or African Americans declined from 51.6 percent on April 1, 2010 to 47.1 percent on July 1, 2017 (Table 4).

**Table 4. Annual Estimates of Population for District of Columbia by Race:
April 1, 2010 to July 1, 2017**

Race	April 1, 2010		Population Estimates (as of July 1)								Change, April 1, 2010 to July 1, 2017	
	Census	Estimates Base	2010	2011	2012	2013	2014	2015	2016	2017	Number	%
Total	601,723	601,766	605,040	620,336	635,630	650,114	660,797	672,736	684,336	693,972	92,249	15.3
White	251,265	251,292	253,474	263,698	273,572	281,385	288,410	296,603	305,232	313,234	61,969	24.7
Black or African American	310,379	310,393	311,054	314,201	317,623	322,188	324,523	326,394	327,126	326,807	16,428	5.3
American Indian and Alaska Native	3,264	3,264	3,278	3,402	3,509	3,825	3,906	3,940	4,092	4,139	875	26.8
Asian	21,705	21,706	21,931	22,944	24,010	24,988	25,679	26,930	28,389	29,747	8,042	37.1
Native Hawaiian and Other Pacific Islander	770	770	788	837	898	924	966	984	997	976	206	26.8
Two or More Races	14,340	14,341	14,515	15,254	16,018	16,804	17,313	17,885	18,500	19,069	4,729	33.0

Source: U.S. Census Bureau, Population Division, Release Date: June 2018

Population Change by Hispanic or Latino Origin

Between April 1, 2010 and July 1, 2017, the Hispanic or Latino population in the District of Columbia grew by 39.8 percent, compared with 12.9 percent for the non-Hispanic or Latino population, and 15.3 percent for the total population. Hispanics or Latinos accounted for nearly one-fourth or 23.6 percent (21,777 people) of the total numeric population change (92,249 people) in the District between April 1, 2010 and July 1, 2017. The share of Hispanics or Latinos in the District increased from 9.1 percent on April 1, 2010 to 11 percent on July 1, 2017 (Table 5).

Table 5. Annual Estimates of Population for District of Columbia by Hispanic Origin: April 1, 2010 to July 1, 2017

Hispanic Origin	April 1, 2010		Population Estimates (as of July 1)								Change, April 1, 2010 to July 1, 2017	
	Census	Estimates Base	2010	2011	2012	2013	2014	2015	2016	2017	Number	%
Total	601,723	601,766	605,040	620,336	635,630	650,114	660,797	672,736	684,336	693,972	92,249	15.3
Not Hispanic or Latino	546,974	546,998	549,190	560,335	572,312	583,377	591,549	600,716	609,720	617,446	70,472	12.9
Hispanic or Latino	54,749	54,768	55,850	60,001	63,318	66,737	69,248	72,020	74,616	76,526	21,777	39.8

Source: U.S. Census Bureau, Population Division, Release Date: June 2018

Population Change by States and Equivalents: April 1, 2010 to July 1, 2017

Between April 1, 2010 and July 1, 2017, among states and equivalents, the District of Columbia experienced the fastest population growth by percent (15.3 percent), followed by Texas (12.6 percent), North Dakota (12.3 percent), and Utah (12.2 percent).

Table 6. The 10 Fastest Growing States by Percent from April 1, 2010 to July 1, 2017

Rank	State	April 1, 2010	July 1, 2017	Change, April 1, 2010 to July 1, 2017	
				Numeric	Percent
1	District of Columbia	601,723	693,972	92,249	15.3
2	Texas	25,145,561	28,304,596	3,159,035	12.6
3	North Dakota	672,591	755,393	82,802	12.3
4	Utah	2,763,885	3,101,833	337,948	12.2
5	Florida	18,801,310	20,984,400	2,183,090	11.6
6	Colorado	5,029,196	5,607,154	577,958	11.5
7	Nevada	2,700,551	2,998,039	297,488	11.0
8	Washington	6,724,540	7,405,743	681,203	10.1
9	Arizona	6,392,017	7,016,270	624,253	9.8
10	Idaho	1,567,582	1,716,943	149,361	9.5

Source: U.S. Census Bureau, Population Division, Release Date: June 2018

Looking at the numeric population change between April 1, 2010 and July 1, 2017, among states and equivalents, Texas experienced the largest growth (3,159,035 people), followed by California (2,282,697 people), and Florida (2,183,090 people).

The numeric population change in the three states (Texas, California, and Florida) accounted for 44.9 percent (7,624,822 people) of the total numeric population change (16,973,640 people) of the nation (Table 7).

Table 7. The 10 Fastest Growing States from April 1, 2010 to July 1, 2017

Rank	State	April 1, 2010	July 1, 2017	Change, April 1, 2010 to July 1, 2017	
				Numeric	Percent
1	Texas	25,145,561	28,304,596	3,159,035	12.6
2	California	37,253,956	39,536,653	2,282,697	6.1
3	Florida	18,801,310	20,984,400	2,183,090	11.6
4	Georgia	9,687,653	10,429,379	741,726	7.7
5	North Carolina	9,535,483	10,273,419	737,936	7.7
6	Washington	6,724,540	7,405,743	681,203	10.1
7	Arizona	6,392,017	7,016,270	624,253	9.8
8	Colorado	5,029,196	5,607,154	577,958	11.5
9	New York	19,378,102	19,849,399	471,297	2.4
10	Virginia	8,001,024	8,470,020	468,996	5.9

Source: U.S. Census Bureau, Population Division, Release Date: June 2018

