Texas Demographic Center: Census & Education

Dr. Lloyd Potter
Write in the Chat!

What’s one implication of the Census you’d like to know more about?
Today’s Goals

1. Understand how state population demographics have changed since the last census, particularly student age population changes
2. Understand the future of our Texas workforce population
3. Consider how the census findings might impact philanthropic grantmaking
4. Underscore importance of census data to inform our work and encourage partners to prepare to engage in a complete count of Texas
Introductions: Dr. Lloyd Potter

• Appointed State Demographer on June 10, 2010

• Education:
  • Ph.D. in Demography and Sociology from The University of Texas at Austin
  • Master of Public Health Degree from Emory University
  • Master of Science in Education from the University of Houston at Clear Lake
  • Bachelor of Science from Texas A&M University

• Currently a professor in the Department of Demography at the University of Texas at San Antonio
  • Serves as the director of the Institute for Demographic and Socioeconomic Research (IDSER)

• His current research focuses on public policy and health related demographic topics and training applied demographers
### States with Most Population Growth, 2010 to 2020

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>United States</td>
<td>308,745,538</td>
<td>331,449,281</td>
<td>22,703,743</td>
<td>7.4%</td>
</tr>
<tr>
<td>Texas</td>
<td>25,145,561</td>
<td>29,145,505</td>
<td>3,999,944</td>
<td>15.9%</td>
</tr>
<tr>
<td>Florida</td>
<td>18,801,310</td>
<td>21,538,187</td>
<td>2,736,877</td>
<td>14.6%</td>
</tr>
<tr>
<td>California</td>
<td>37,253,956</td>
<td>39,538,223</td>
<td>2,284,267</td>
<td>6.1%</td>
</tr>
<tr>
<td>Georgia</td>
<td>9,687,653</td>
<td>10,711,908</td>
<td>1,024,255</td>
<td>10.6%</td>
</tr>
<tr>
<td>Washington</td>
<td>6,724,540</td>
<td>7,705,281</td>
<td>980,741</td>
<td>14.6%</td>
</tr>
<tr>
<td>North Carolina</td>
<td>9,535,483</td>
<td>10,439,388</td>
<td>903,905</td>
<td>9.5%</td>
</tr>
<tr>
<td>New York</td>
<td>19,378,102</td>
<td>20,201,249</td>
<td>823,147</td>
<td>4.2%</td>
</tr>
<tr>
<td>Arizona</td>
<td>6,392,017</td>
<td>7,151,502</td>
<td>759,485</td>
<td>11.9%</td>
</tr>
<tr>
<td>Colorado</td>
<td>5,029,196</td>
<td>5,773,714</td>
<td>744,518</td>
<td>14.8%</td>
</tr>
<tr>
<td>Virginia</td>
<td>8,001,024</td>
<td>8,631,393</td>
<td>630,369</td>
<td>7.9%</td>
</tr>
<tr>
<td>Tennessee</td>
<td>6,346,105</td>
<td>6,910,840</td>
<td>564,735</td>
<td>8.9%</td>
</tr>
<tr>
<td>Utah</td>
<td>2,763,885</td>
<td>3,271,616</td>
<td>507,731</td>
<td>18.4%</td>
</tr>
</tbody>
</table>

**SOURCE**: U.S. Census Bureau. 2010 and 2020 Census Count
Census 2020 Population, Texas Counties

Numeric Change, Texas Counties, 2010-2020

143 counties lost population

Total Population Change 2010 to 2020
-3,751 - -1,000
-999 - 0
1 - 5,000
5,001 - 25,000
25,001 - 25,000
75,001 - 638,686

SOURCE: US Census Bureau, 2010 and 2020 Census, P.L. 94-171 Redistricting Files
Racial/Ethnic Contributions to Texas Population Growth, 2010-2020

95.3% of Texas’ growth can be attributed to persons of color

SOURCE: US Census Bureau, 2010 and 2020 Censuses, P.L. 94-171 Redistricting Files
Percent distribution of race/ethnic groups in Texas, 2010 and 2020

Source: US Census Bureau, 2010 and 2020 Census, P.L. 94-171 Redistricting Files
Estimated Natural Increase (Decrease), Texas Counties, 2010-2020

86 counties had natural decrease over the decade (1/3 of Texas’ counties)

Source: US Census Bureau, 2020 Population Estimates
Total Fertility Rate (TFR) for Select States, 2008-2018

Average number of children born to a women if...

Replacement Rate:
TFR of 2.1 (approx.) to sustain population growth

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics.
Texas Birth Rates, 2007-2019

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics.
Estimated Net Domestic Migrants Between Texas and Other States, 2010-2019

Source: U.S. Census Bureau, State-to-State Migration Flows, 2010-2019
Percent Distribution by Race/Ethnicity of Non-Migrants (Texans) and Net-In Domestic Migrants Aged 25 Years and Over, Texas, 2015-2019

SOURCE: US Census Bureau, American Community Survey, PUMS, 5-Year Samples, 2015-2019
Percent Distribution by Race/Ethnicity of Texas Residents (Non-Migrants), Immigrants (International) and Net-Migrants (Domestic) Aged 25 Years and Over, Texas, 2015-2019

SOURCE: US Census Bureau, American Community Survey, PUMS, 5-Year Samples, 2015-2019
Percent Distribution by Occupation of Non-Migrants (Texans) and Net-In Domestic Migrants Aged 25 Years and Over, Texas, 2006-2019

SOURCE: US Census Bureau, American Community Survey, IPUMS, 1-Year Samples, 2006-2019
<table>
<thead>
<tr>
<th>Occupational Category</th>
<th>2007</th>
<th>2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management occupations</td>
<td>9.3%</td>
<td>10.4%</td>
<td>1.0%</td>
</tr>
<tr>
<td>Business and financial operations</td>
<td>4.3%</td>
<td>4.9%</td>
<td>0.6%</td>
</tr>
<tr>
<td>Healthcare practitioners and technical occupations</td>
<td>4.3%</td>
<td>5.5%</td>
<td>1.2%</td>
</tr>
<tr>
<td>Construction and extraction occupations</td>
<td>7.8%</td>
<td>7.0%</td>
<td>-0.8%</td>
</tr>
<tr>
<td>Installation, maintenance, and repair occupations</td>
<td>3.8%</td>
<td>3.4%</td>
<td>-0.4%</td>
</tr>
<tr>
<td>Production, transportation, and material moving occupations</td>
<td>12.6%</td>
<td>11.8%</td>
<td>-0.8%</td>
</tr>
</tbody>
</table>

Educational Attainment of Persons Age 25 Years and Older by Race/Ethnicity, Texas, 2019

SOURCE: US Census Bureau, American Community Survey, 1-Year Sample, 2019
Percent of the Population Aged-25 Years and Older with a Bachelor’s Degree or Higher by Race/Ethnicity, Texas, 2007 and 2019

Enrollment in two-year institutions is now below four-year universities

- 49.9% of TX public IHE* students are enrolled at two-year colleges.
- 50.1% of TX public IHE* students are enrolled at universities.

*Institution of Higher Education

SOURCE: Texas Higher Education Coordinating Board
Change in Undergraduate College Enrollment by State, 2010 to 2019

SOURCE: US Census Bureau, American Community Survey, 1-Year Sample, 2010-2019 Table B14007
Percent of population 25 years and older with a bachelor’s degree or higher, Texas Counties, 2015-2019

Source: US Census Bureau, ACS 5-Year Estimate, 2015-2019
Percent of Children Aged 3-4 Years Enrolled in School, Texas, 2010-2019

SOURCE: US Census Bureau, American Community Survey, 1-Year Samples, 2010-2019
Percent of Children Aged 3-4 Years Enrolled Who Were Enrolled in Public School, Texas, 2010-2019

SOURCE: US Census Bureau, American Community Survey, 1-Year Samples, 2010-2019
Projected Population Growth in Texas, 2010-2050

SOURCE: Texas Demographic Center, Vintage 2014 and 2018 Population Projections and 2010 and 2020 Census Count

- 2000 - 2010
- 2010 - 2015
- Census
- Half 2000 - 2010
- Zero Net Migration

Millions

- 2010: 25.1
- 2020: 29.1
- 2045: 47.4

2010 - 2015

2000 - 2010

Census

Half 2000 - 2010

Zero Net Migration
Population Projections by Race/Ethnicity, Texas, 2010-2050

- NH White
- NH Black
- Hispanic
- NH Asian
- NH Other

SOURCE: Texas Demographic Center, 2018 Vintage Population Projections, 2010-2015 Migration Scenario
Projection of Population Ages 18-24 by Race/Ethnicity, Texas, 2020-2050

SOURCE: Texas Demographic Center, 2018 Vintage Population Projections, 2010-2015 Migration Scenario
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Questions?