Census 2020 and Redistricting in Texas: West Texas

Senate Redistricting Hearing
January 25, 2021

@TexasDemography
Census 2020

• Census counts used to reapportion the U.S. House of Representatives, determining how many seats each state gets.

• Census counts used by state officials to redraw congressional and state legislative boundaries to account for population shifts.

• Census derived data are used to allocate over $1.5 trillion in federal funds to support healthcare, education, transportation, and other service programs.
U.S. Response Rates to the 2020 Census

• 99.98% of all housing units and addresses nationwide were enumerated.
• 2020 Self-Response Rate of 67.0% surpassed 2010 Self-Response Rate of 66.5%.
• 32.9% housing units enumerated through Non-Response Follow-Up (NRFU).
• 24.1% of NRFU workload enumerated through proxy (landlord, neighbor, etc.).
• 5.6% of addresses nationwide (13.9% of NRFU workload) resolved using administrative records
2020 Census Total Response in Texas

Total Response Rate
= Self-Response Rate
+ NRFU Enumerated Rate

Texas Response Rate:
99.9% = 62.8% + 37.1%

2020 Census Housing Unit Enumeration Progress by State

<table>
<thead>
<tr>
<th>State</th>
<th>Enumerated</th>
<th>Enumerated in Nonresponse Followup (NRFU)</th>
<th>Self-Responded</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Total</td>
<td>99.9</td>
<td>32.9</td>
<td>67.0</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>99.9</td>
<td>64.2</td>
<td>35.7</td>
</tr>
<tr>
<td>Alaska</td>
<td>99.9</td>
<td>45.2</td>
<td>54.7</td>
</tr>
<tr>
<td>West Virginia</td>
<td>99.9</td>
<td>43.7</td>
<td>56.2</td>
</tr>
<tr>
<td>Maine</td>
<td>99.9</td>
<td>41.7</td>
<td>58.2</td>
</tr>
<tr>
<td>New Mexico</td>
<td>99.9</td>
<td>41.2</td>
<td>58.7</td>
</tr>
<tr>
<td>Mississippi</td>
<td>99.9</td>
<td>39.5</td>
<td>60.4</td>
</tr>
<tr>
<td>Montana</td>
<td>99.9</td>
<td>39.5</td>
<td>60.4</td>
</tr>
<tr>
<td>Vermont</td>
<td>99.9</td>
<td>39.4</td>
<td>60.5</td>
</tr>
<tr>
<td>Arkansas</td>
<td>99.9</td>
<td>39.3</td>
<td>60.6</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>99.9</td>
<td>38.9</td>
<td>61.0</td>
</tr>
<tr>
<td>South Carolina</td>
<td>99.9</td>
<td>38.9</td>
<td>61.0</td>
</tr>
<tr>
<td>Wyoming</td>
<td>99.9</td>
<td>38.8</td>
<td>61.1</td>
</tr>
<tr>
<td>Louisiana</td>
<td>99.0</td>
<td>38.6</td>
<td>60.4</td>
</tr>
<tr>
<td>Georgia</td>
<td>99.9</td>
<td>37.1</td>
<td>62.8</td>
</tr>
<tr>
<td><strong>Texas</strong></td>
<td><strong>99.9</strong></td>
<td><strong>37.1</strong></td>
<td><strong>62.8</strong></td>
</tr>
</tbody>
</table>
Not all rates are created equal.

Self response rates, total response rates, enumeration rate, NRFU completion rates

What we do know:
• Texas self-response rate still lags 2010 rate: 62.0% vs. 64.4%
• Self-response rates vary across the state.
• Enumeration does not mean count.
• Self-response yields the most accurate census data.
Self-Response Rates among Texas Counties ranged from 75.8% in Fort Bend County to 18.6% in Edwards County.

29/254 (11%) Counties met or surpassed their 2010 SRR.

283/1221 (23%) Places/Cities met or surpassed their 2010 SRR.
TDC Analysis of Census Tracts with Self-Response Rates in Bottom 20% as of 9/28/20

- Texas had 1347 census tracts (CTs) with self-response rates below 50% (bottom 20% of self-response rates across all Texas census tracts).
- These lower responding CTs are distributed across the state, in 231 of 254 counties. However, there are more census tracts in the lower NRFU completion Area Census Offices, specifically Laredo, Fort Bend, Lubbock, and El Paso.
- 47.9% of these CTs have majority (>50%) Hispanic populations and 55.9% have a greater share of Hispanics than their state share (>40%).
- 5% of these CTs have majority (>50%) African American populations and 35.3% have a greater share of Blacks than their state share (>12%).
- 77.1% of these CTs have greater shares than the Texas share of Hispanic and/or Black populations.
Areas of Concern

• Communities of color
• Under-represented groups in administrative records
• Areas with low internet access
• Rural areas
• Off-campus college students
• Public perception of the Census Bureau and its data
Redistricting Dates

• Apportionment File sent to POTUS on 12/31/2020- now-earliest - 3/6/2021

• Redistricting Data File (Public Law 94-171 File) received by the Governor no later than April 1, 2021- now unknown

• PL 94-171 released to states in groups of 8 states per week, with one week prior notice

• PL 94-171 File to include:
  • Race, Hispanic origin, 18 and older, occupancy status, and group quarters by type.

• Data available at WWW.CENSUS.GOV/RDO
## Population Growth and Projected Congressional Seats of Select States

<table>
<thead>
<tr>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>308,745,538</td>
<td>329,484,123</td>
<td>20,738,585</td>
<td>6.7%</td>
<td></td>
</tr>
<tr>
<td>Texas</td>
<td>25,145,561</td>
<td>29,360,759</td>
<td>4,215,198</td>
<td>16.8%</td>
<td>3</td>
</tr>
<tr>
<td>Florida</td>
<td>18,801,310</td>
<td>21,733,312</td>
<td>2,932,002</td>
<td>15.6%</td>
<td>2</td>
</tr>
<tr>
<td>North Carolina</td>
<td>9,535,483</td>
<td>10,600,823</td>
<td>1,065,340</td>
<td>11.2%</td>
<td>1</td>
</tr>
<tr>
<td>Arizona</td>
<td>6,392,017</td>
<td>7,421,401</td>
<td>1,029,384</td>
<td>16.1%</td>
<td>1</td>
</tr>
<tr>
<td>Colorado</td>
<td>5,029,196</td>
<td>5,807,719</td>
<td>778,523</td>
<td>15.5%</td>
<td>1</td>
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<tr>
<td>Oregon</td>
<td>3,831,074</td>
<td>4,241,507</td>
<td>410,433</td>
<td>10.7%</td>
<td>1</td>
</tr>
<tr>
<td>Montana</td>
<td>989,415</td>
<td>1,080,577</td>
<td>91,162</td>
<td>9.2%</td>
<td>1</td>
</tr>
<tr>
<td>California</td>
<td>37,253,956</td>
<td>39,368,078</td>
<td>2,114,122</td>
<td>5.7%</td>
<td>-1</td>
</tr>
<tr>
<td>Minnesota</td>
<td>5,303,925</td>
<td>5,657,342</td>
<td>353,417</td>
<td>6.7%</td>
<td>-1</td>
</tr>
</tbody>
</table>

Linear Forecast of Census Bureau Population Estimates 2010-2020 and TDC Population Projections

Texas Senate District Size = 947,121 to 957,345
U.S. House Seat District Size (39 seats) = 753,840 to 760,966

Source: Texas Demographic Center 2018 Population Projections; Census Bureau 2020 Population Estimates
Numeric population change 2010-2019, Texas Counties with Current Texas Senate Districts

Percent population change 2010-2019, Texas Counties with Current Texas Senate Districts

2010 Census Tracts (Red/Purple) and Proposed Census Tract Splits (Blue) for 2020
2010 Census Tracts (Red/Purple) and Proposed Census Tract Splits (Blue) for 2020, West Texas
2010 Census Tracts (Red/Purple) and Proposed Census Tract Splits (Blue) for 2020, West Texas
Projected Population by Race and Ethnicity, Texas 2010-2020

Source: Texas Demographic Center, 2018 Population Projections
Projected Population Change and Percent of Total Projected Change by Race/Ethnicity, 2010-2020, Texas

Source: Texas Demographic Center, 2018 Population Projections
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