Demography – the study of the size, distribution, and composition of populations; the processes determining these – namely, fertility, mortality, and migration; and the determinants and consequences of all of the above.

~ Bogue, 1968; Murdock & Ellis, 1991
The Population Research Institute,

2.1 Kids: Stable Population

http://youtu.be/zBS6f-JVvTY
Mission

The Office of the State Demographer disseminates demographic and related socioeconomic data to the State of Texas and the general public. The State Demographer’s Office monitors demographic and socioeconomic changes in the State in order to better inform the executive and legislative branches of Texas government. Special emphasis is placed on data that may be useful to policy makers in dealing with issues regarding the demand for state services.
Meeting the Mission

• Data Portal, Publications, and Reports
  http://txsdc.utsa.edu/

• Population Estimates and Projections Program
  http://txsdc.utsa.edu/Data/TPEPP/Estimates/Index.aspx

• Resource Witness at Legislative Hearings

• Public Presentations
  http://osd.state.tx.us

• Data Requests

• Custom Research Projects

• Annual Conference for Data Users and Applied Demography Conference
Population Projections, Texas, 2010 - 2050

Examples of Applying Demographic Data and Methods to Government & Business Planning
Projecting the educational attainment of the Texas labor force
Employment Status of the Labor Force by Educational Attainment, Texas

Source: U.S. Census Bureau. 2001 to 2011 American Community Survey 1-Year PUMS data
Figure 1. Share of Population and Employment-to-Population Ratio by Educational Attainment, Adults Age 25 to 64, United States, 2007-2009

Source: Brookings analysis of 2007 and 2009 American Community Survey data. All changes from 2007 to 2009 are significant at 90% confidence interval.
### Educational Attainment in Texas, 2011

<table>
<thead>
<tr>
<th>Level of Educational Attainment</th>
<th>Percent of persons aged 25 years and older</th>
<th>State Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school diploma or equivalency or greater</td>
<td>81.1%</td>
<td>48/49/50 (tied with CA and MS)</td>
</tr>
<tr>
<td>Bachelors or greater</td>
<td>26.4%</td>
<td>29</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, American Community Survey, One-year Sample, 2011.
Race/Ethnic Composition by Education Level in the Labor Force (aged 25 years and more), Texas, 2009

Source: Derived from 2009 American Community Survey 1-Year Estimates by the Office of the State Demographer.
Enrollment in Texas Public Schools by Race/Ethnicity, 2001-02 to 2011-12

Percent of persons aged 25 years and older with a high school degree or higher, Texas, 2006-2011
Trends in Educational Attainment of Persons in the Labor Force (25-64 Years of Age) in Texas by Race/Ethnicity – High School Graduates and Above

Source: U.S. Census Bureau, American Community Survey, Public Use Micro Sample, 2001-2011
Findings
Percent of Population with High School Degree or Higher, 2010 and 2030

- 2010: 81.9%
- 2030: 87.3%

Bar graph displaying the percentage of the population with a high school degree or higher for the years 2010 and 2030.
Percent of Population with Bachelor’s Degree or Higher, 2010 to 2030

- 2010: 23.6%
- 2020: 21.8%
- 2030: 25.8%

ACS 2010, Const 1.0, Trend 1.0
Optimizing Placement of Nursing Facilities
<table>
<thead>
<tr>
<th>Facility ID</th>
<th>Name</th>
<th>Address</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>4694</td>
<td>MAGGIE JOHNSON NURSING CENTER</td>
<td>3406 E 17th St Austin TX 78721</td>
<td>5129264760</td>
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<tr>
<td>4409</td>
<td>MONTE SIESTA NURSING AND REHABILITATION LP</td>
<td>4501 DudMar Dr Austin TX 78735</td>
<td>5128921131</td>
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<tr>
<td>4548</td>
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<td>5122725511</td>
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<td>104266</td>
<td>RIVERSIDE REHABILITATION AND HEALTH CARE CENTER</td>
<td>6801 E Riverside Dr Austin TX 78741</td>
<td>5122479000</td>
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<tr>
<td>5117</td>
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<td>3759 Valley View Rd Austin TX 78704</td>
<td>5124433436</td>
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<tr>
<td>4461</td>
<td>STONEBRIAR NURSING AND REHABILITATION CENTER</td>
<td>110 E Live Oak St Austin TX 78704</td>
<td>5124443511</td>
</tr>
</tbody>
</table>
Other Applications
Projected Increase in Obesity in Texas by Ethnicity, 2006 to 2040

Source: Office of the State Demographer projections, using 2000-2004 migration scenario population projections
Demographics & Destiny
Hans Rosling’s The Joy of Stats BBC Four

http://youtu.be/jbkSRLYSojo
Office of the State Demographer

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