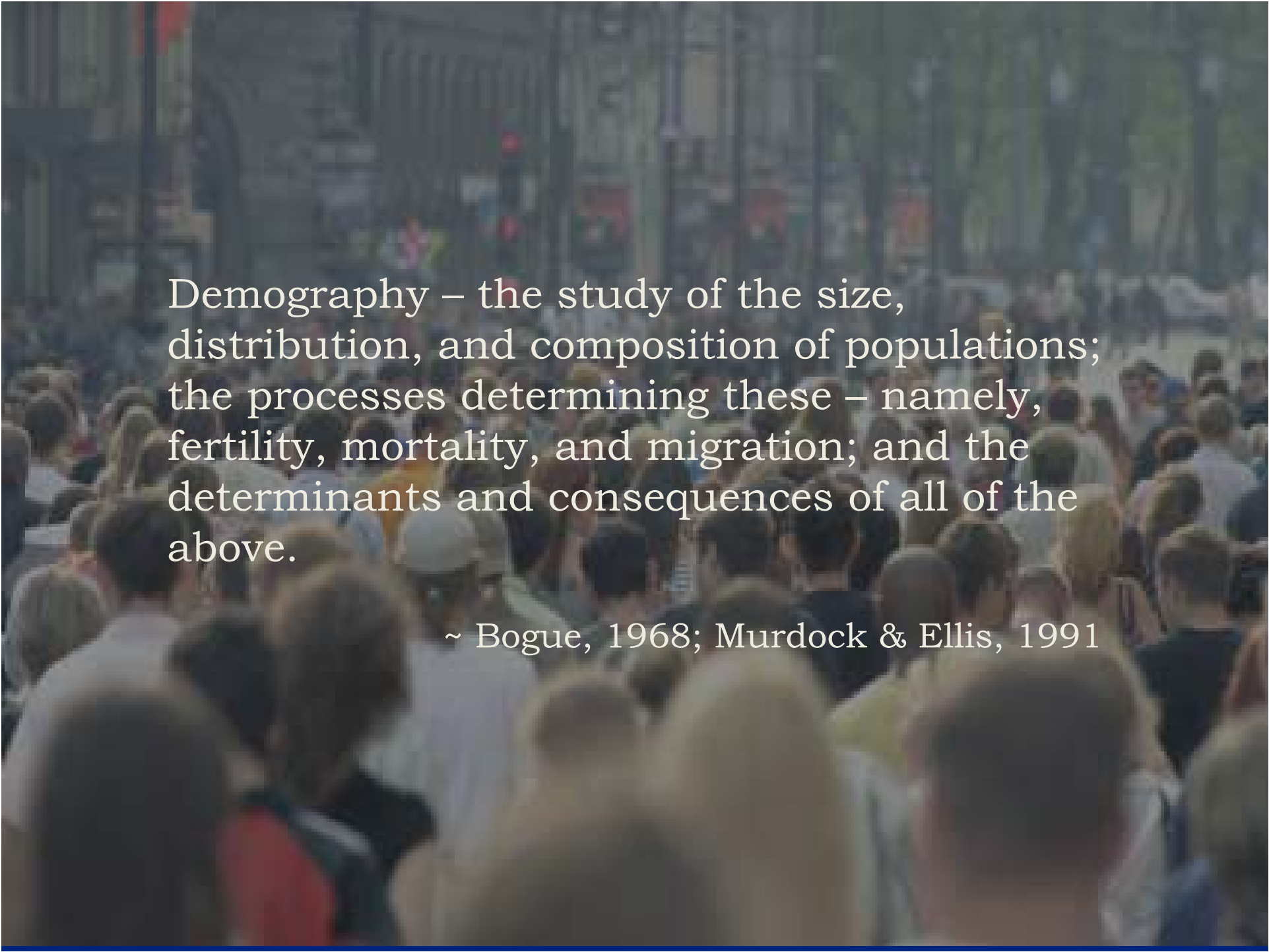


University of Texas at Austin
Division of Statistics + Scientific
Computation
Statistics in Action Series

October 8, 2014
Austin, TX

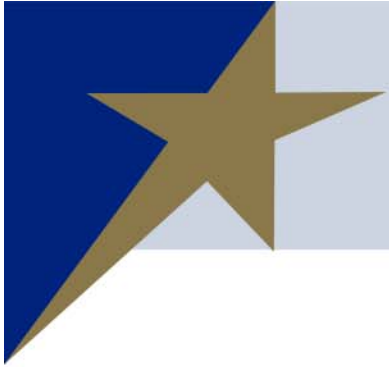
OFFICE OF
THE STATE
DEMOGRAPHER





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>



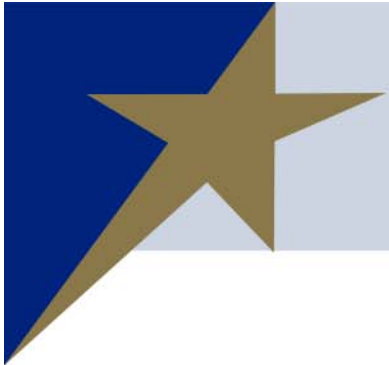
Mission

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.



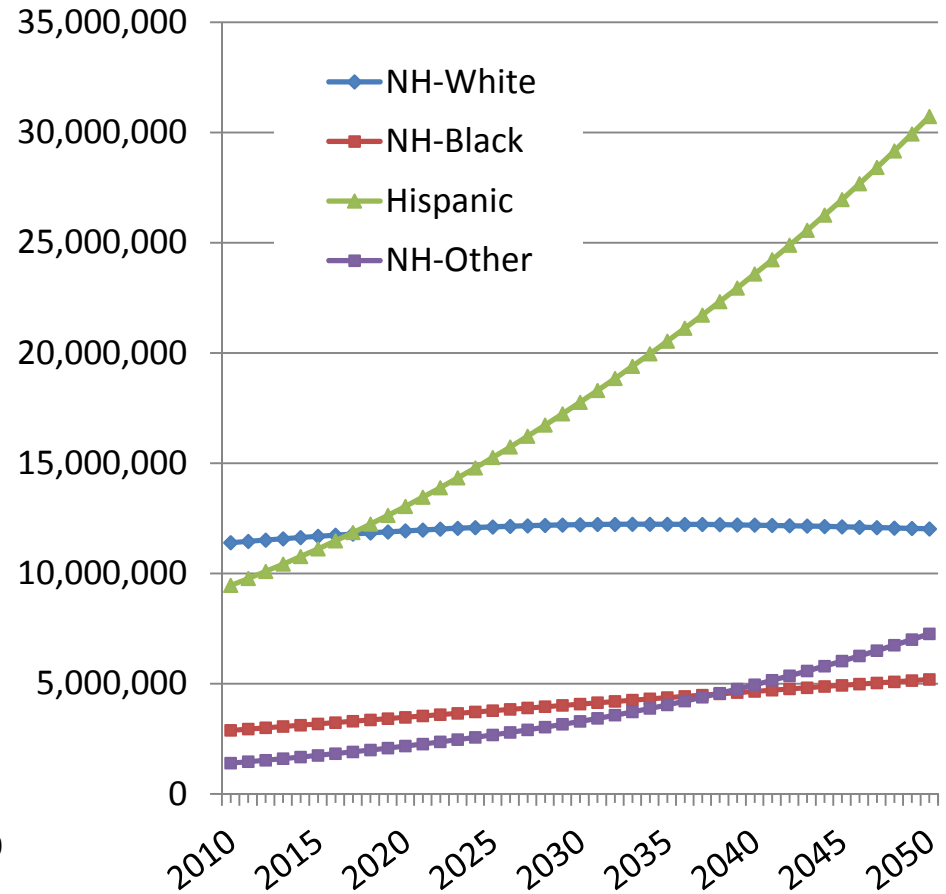
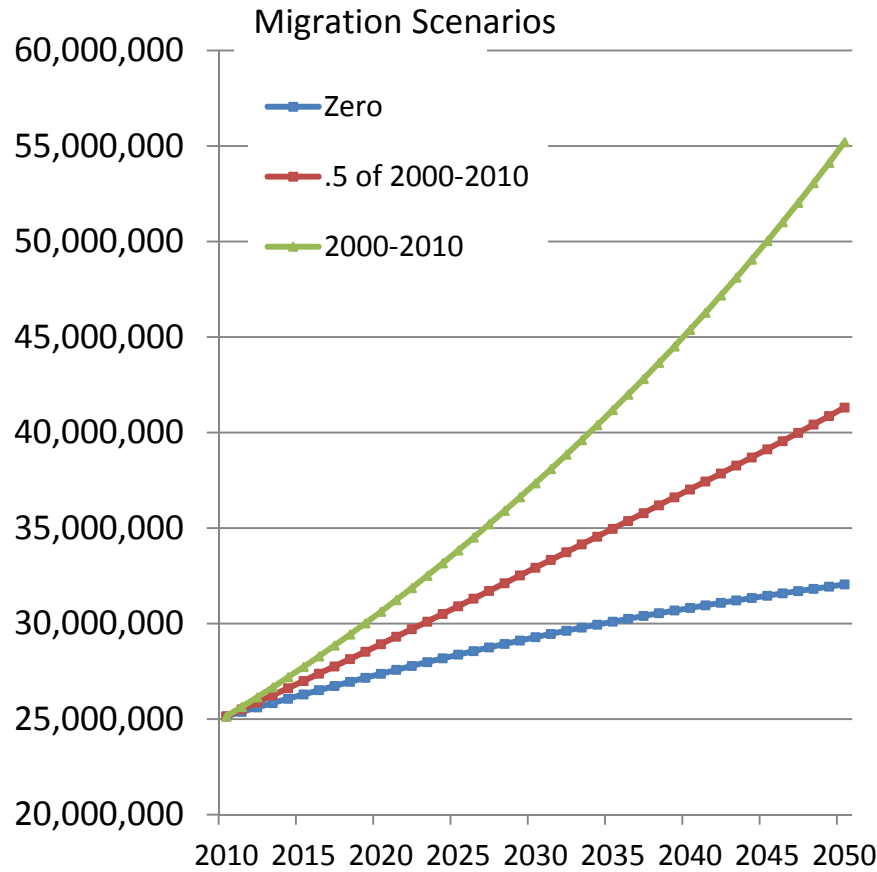
Meeting the Mission

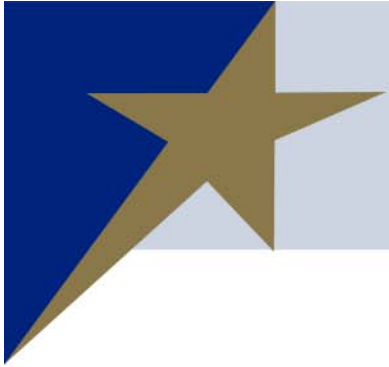
- Data Portal, Publications, and Reports
<http://txsdc.utsa.edu/>
 - Population Estimates and Projections Program
<http://txsdc.utsa.edu/Data/TPEPP/Estimates/Index.aspx>
 - Resource Witness at Legislative Hearings
 - Public Presentations
<http://osd.state.tx.us>
 - Data Requests
 - Custom Research Projects
 - Annual Conference for Data Users and Applied Demography Conference
-



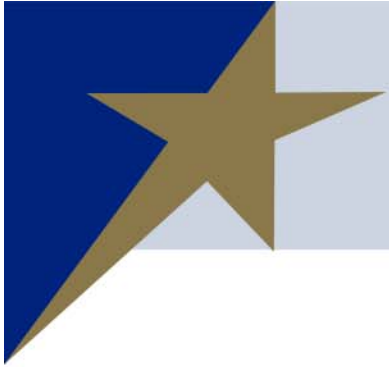
Population Projections, Texas, 2010 - 2050

Population Projections by Race/Ethnicity
2000-2010 Migration Scenario





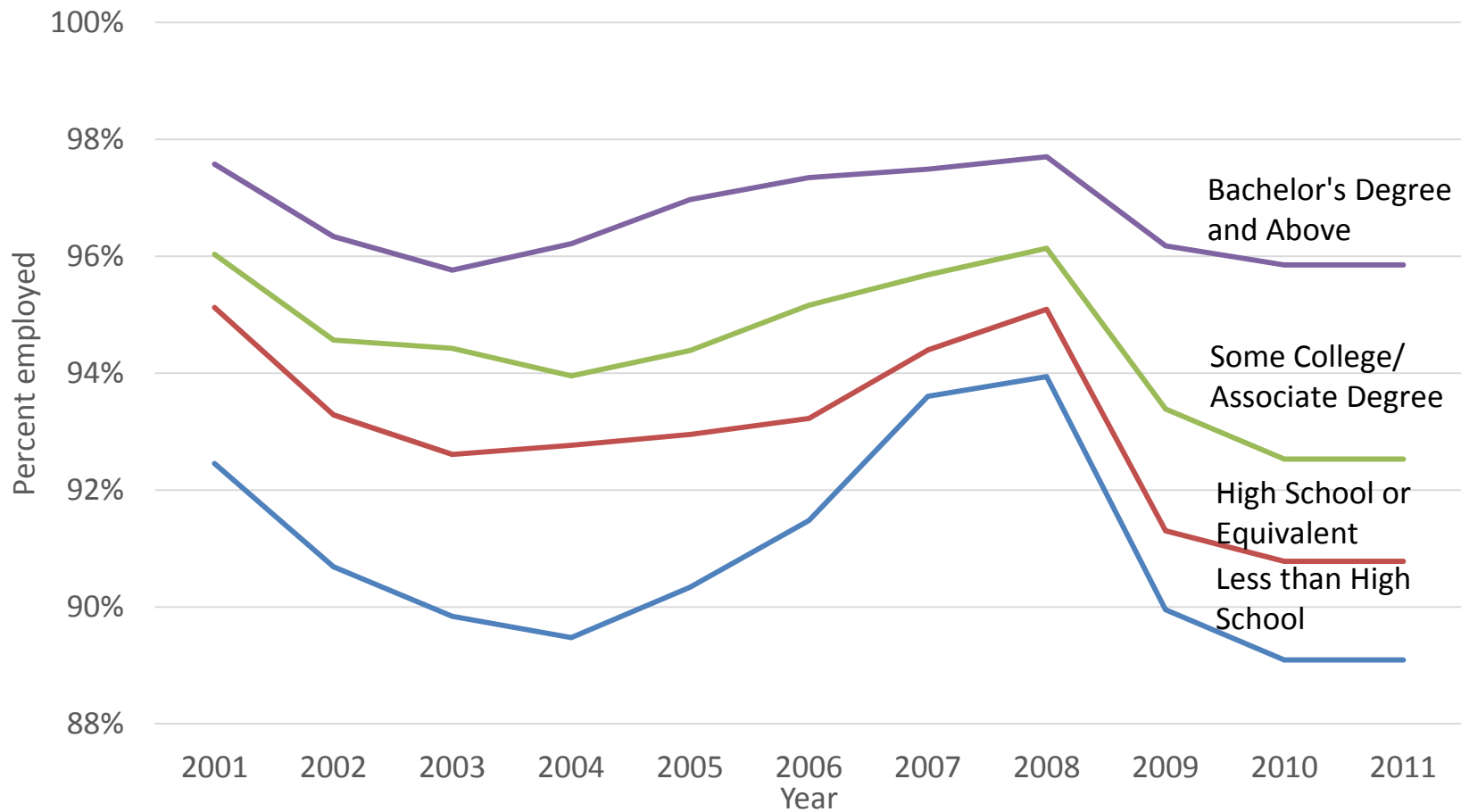
Examples of Applying Demographic Data and Methods to Government & Business Planning



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

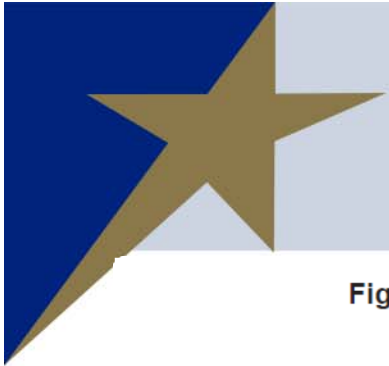
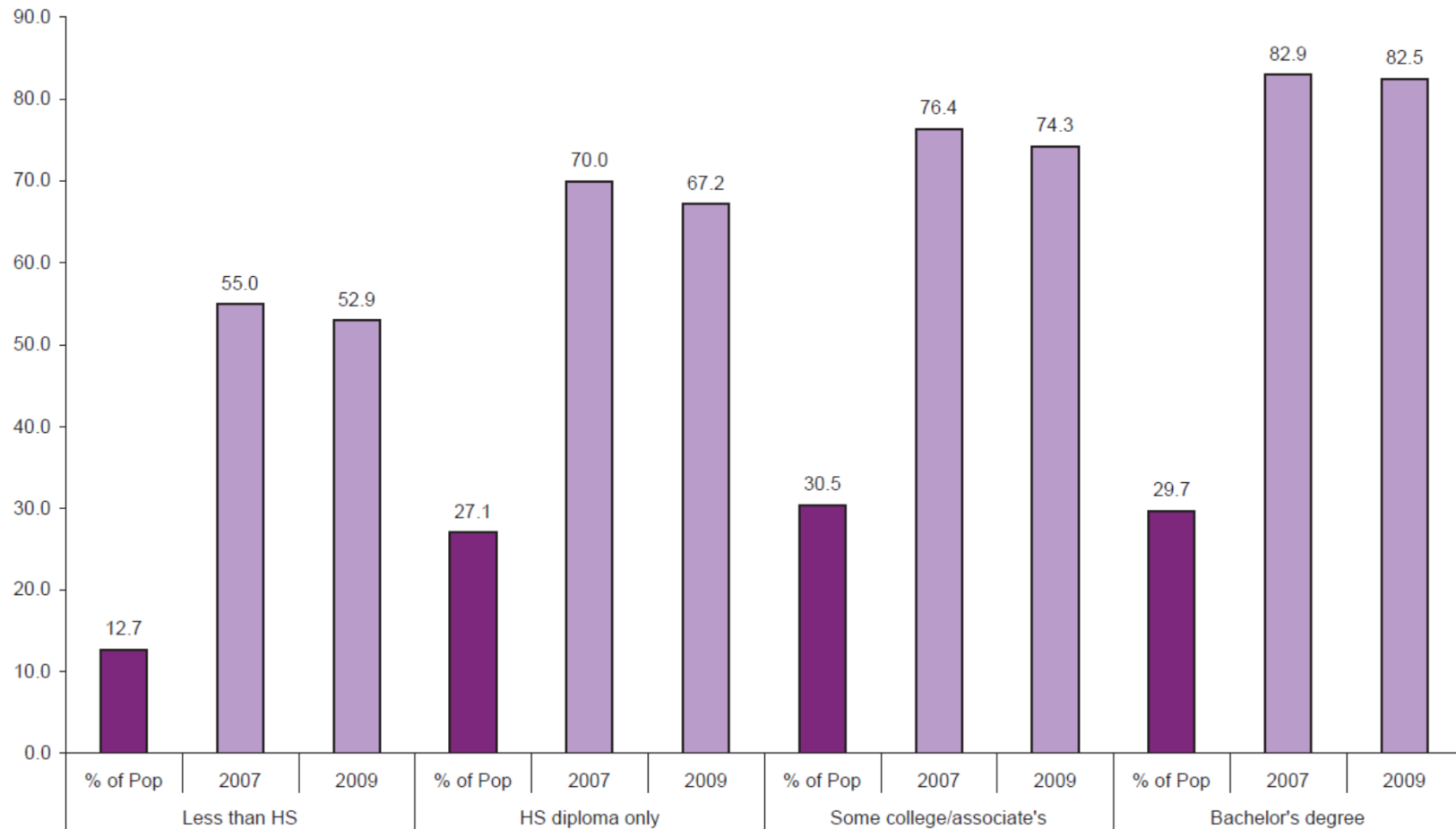
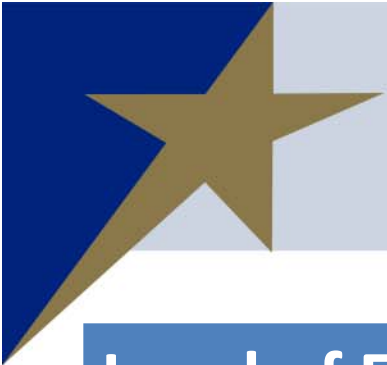


Figure 1. Share of Population and Employment-to-Population Ratio by Educational Attainment, Adults Age 25 to 64, United States, 2007-2009

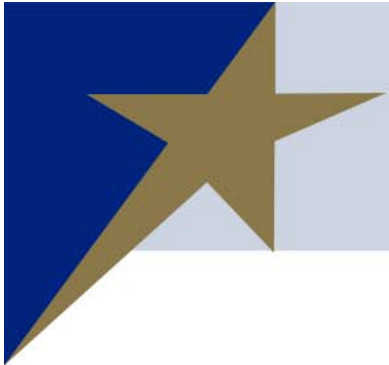


Source: Brookings analysis of 2007 and 2009 American Community Survey data. All changes from 2007 to 2009 are significant at 90% confidence interval.



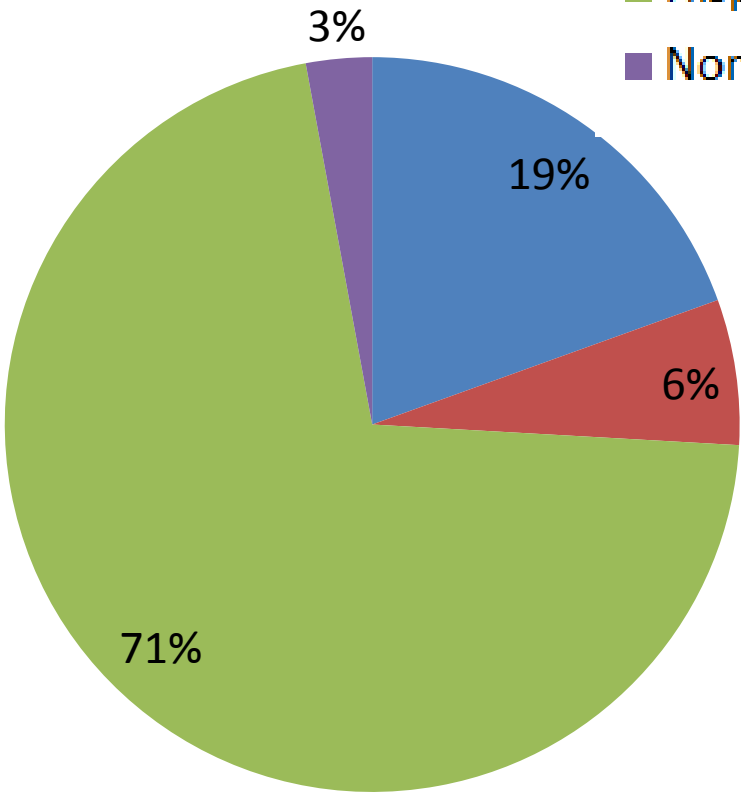
Educational Attainment in Texas, 2011

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

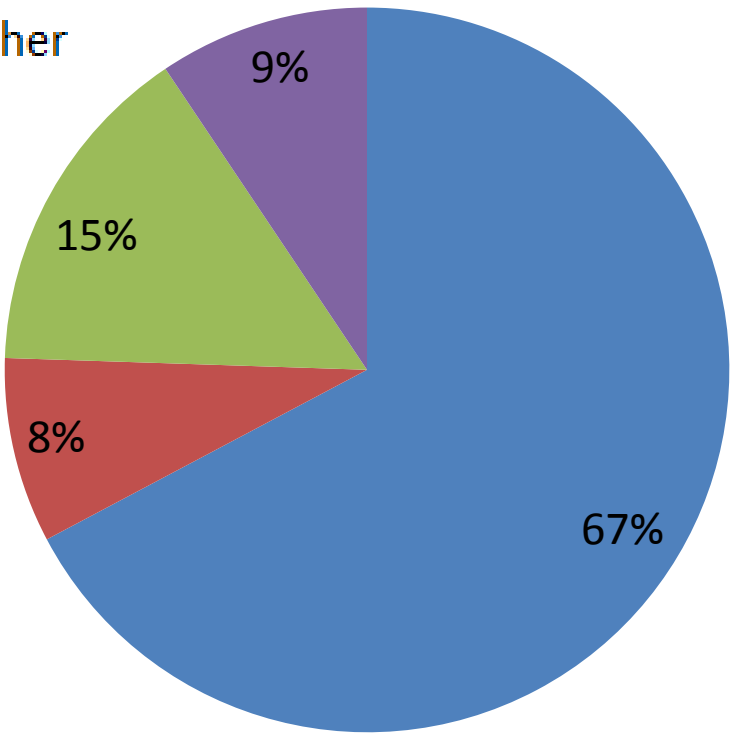


Race/Ethnic Composition by Education Level in the Labor Force (aged 25 years and more), Texas, 2009

- Non-Hispanic White
- Non-Hispanic Black
- Hispanic
- Non-Hispanic Other

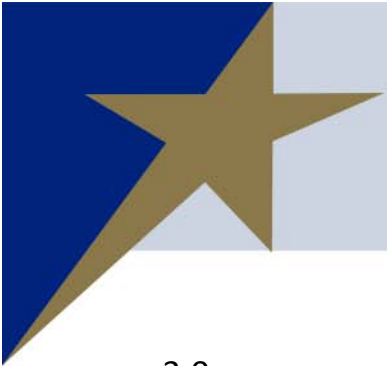


Less Than High School

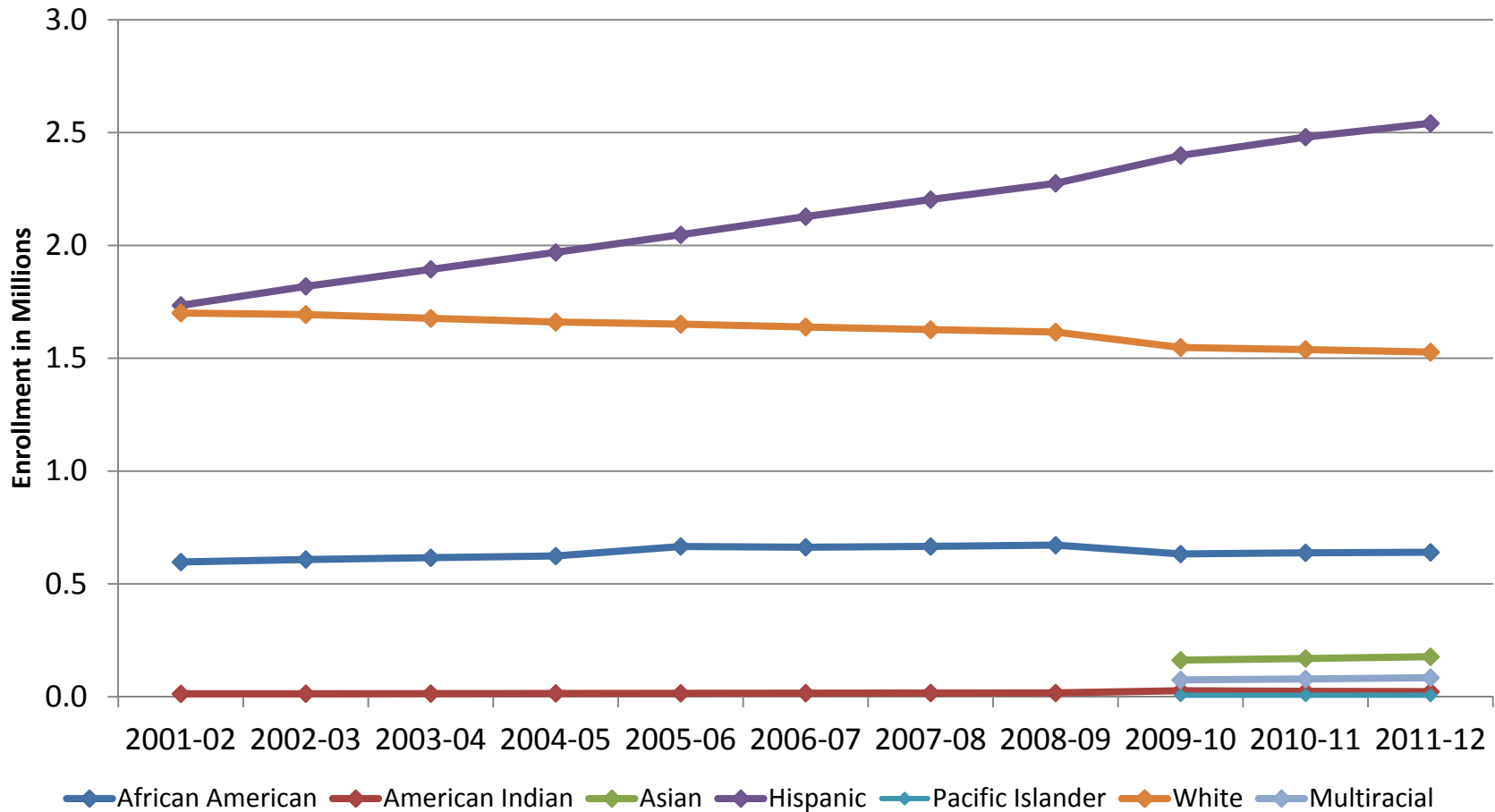


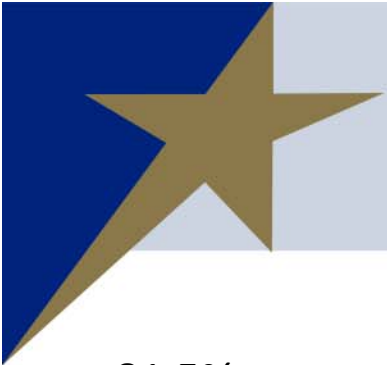
College and Greater

Source: Derived from 2009 American Community Survey 1-Year Estimates by the Office of the State Demographer. 12

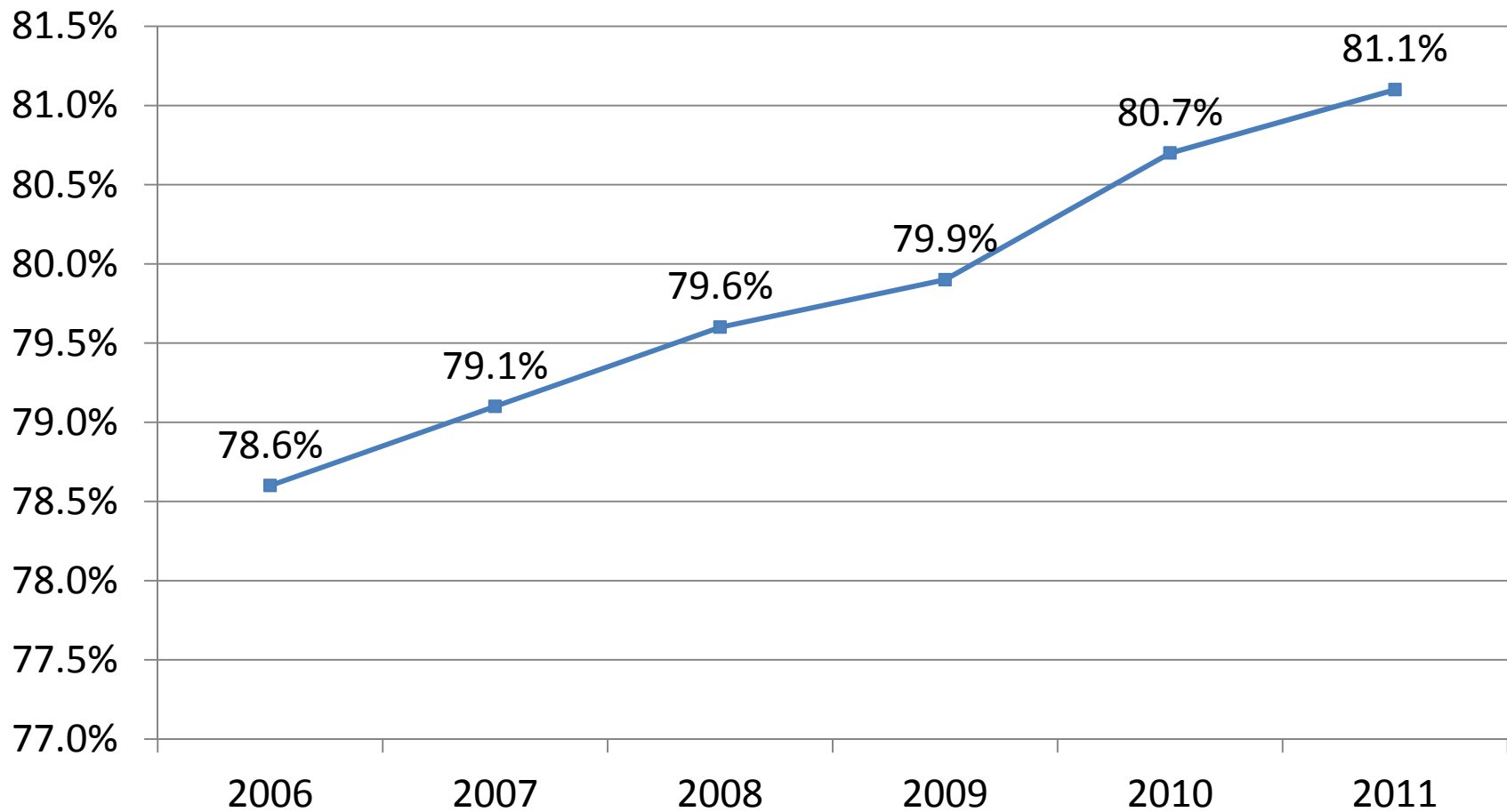


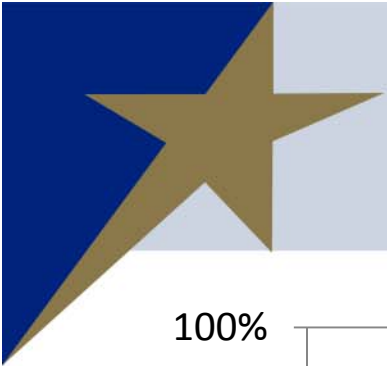
Enrollment in Texas Public Schools by Race/Ethnicity, 2001-02 to 2011-12



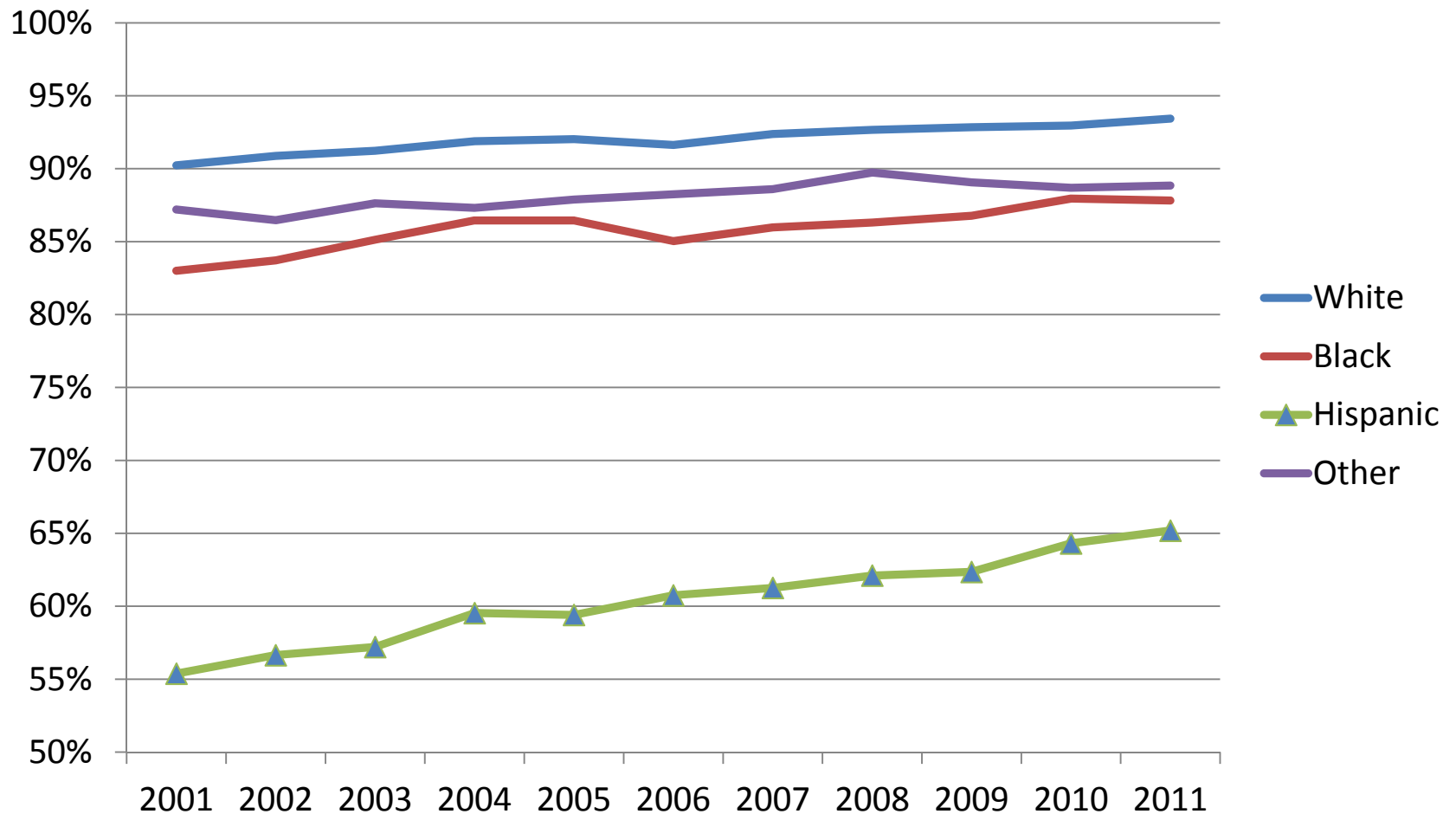


Percent of persons aged 25 years and older with a high school degree or higher, Texas, 2006-2011





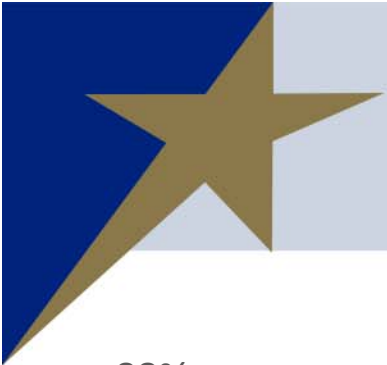
Trends in Educational Attainment of Persons in the Labor Force (25-64 Years of Age) in Texas by Race/Ethnicity – High School Graduates and Above



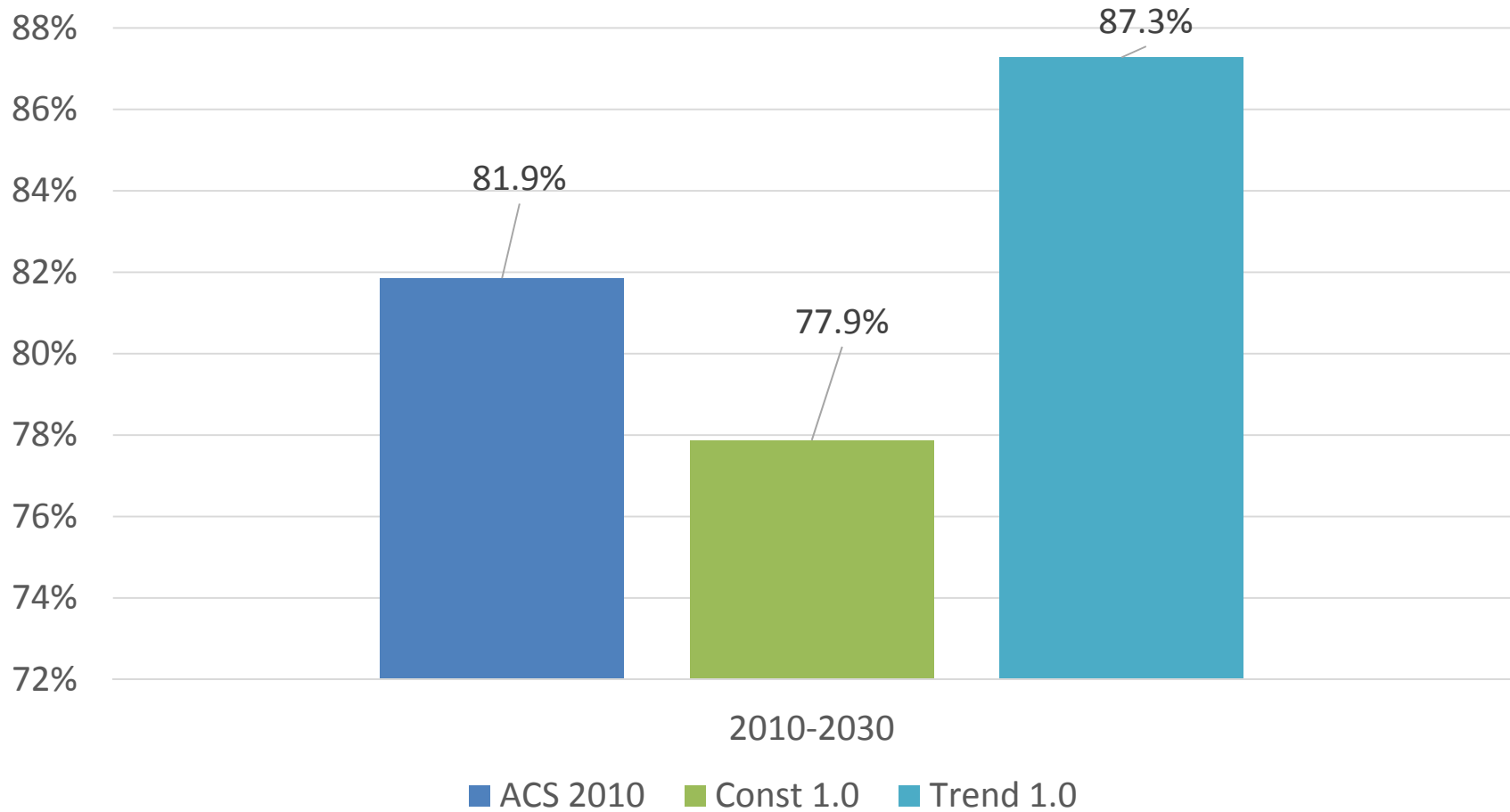
Source: U.S. Census Bureau, American Community Survey, Public Use Micro Sample, 2001-2011

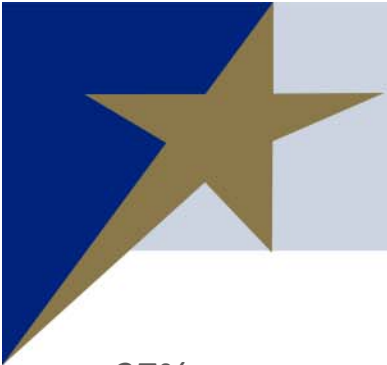


Findings

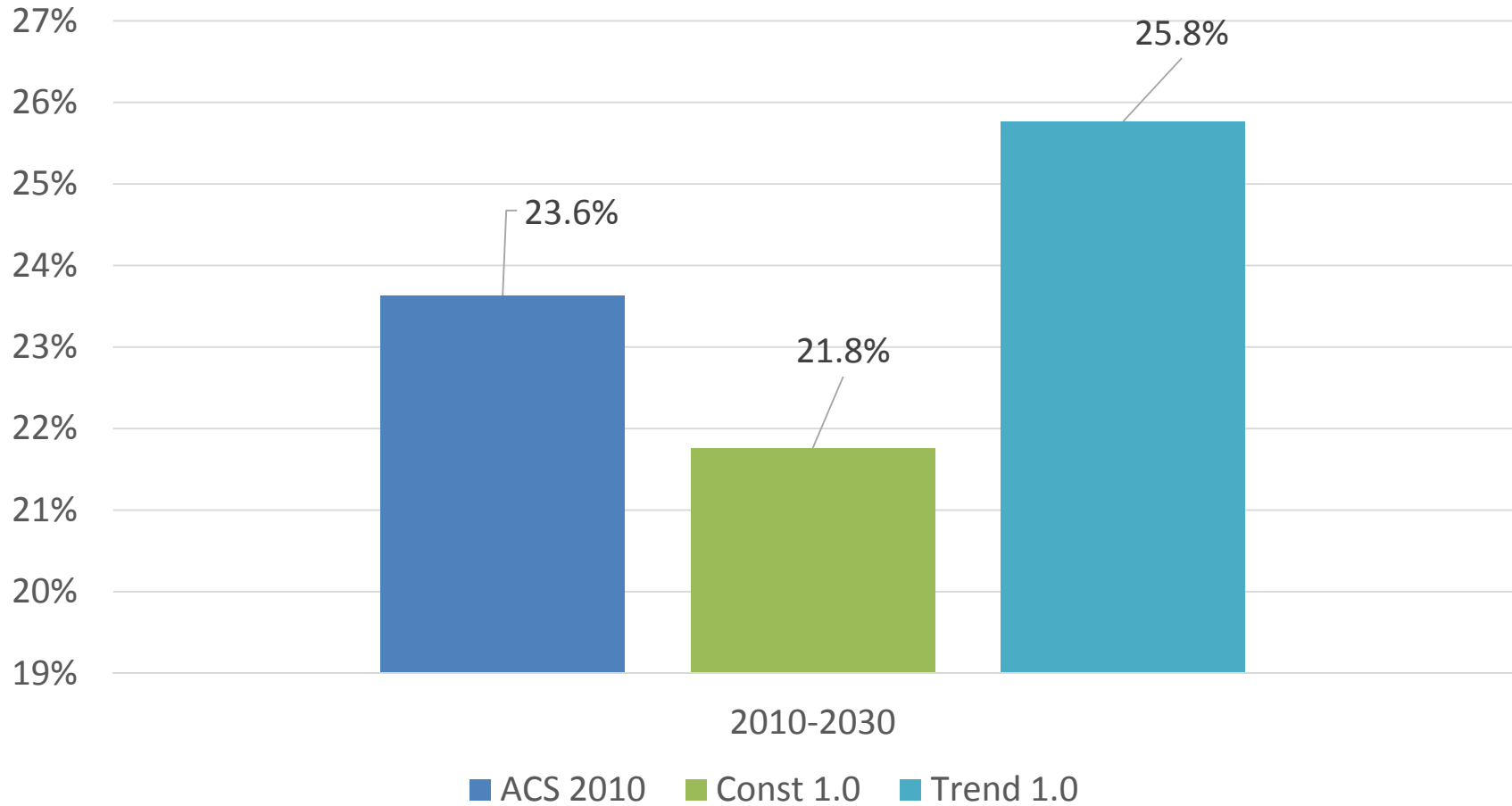


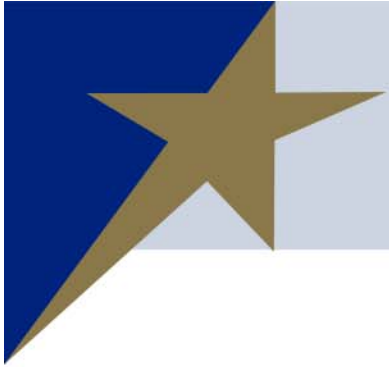
Percent of Population with High School Degree or Higher, 2010 and 2030





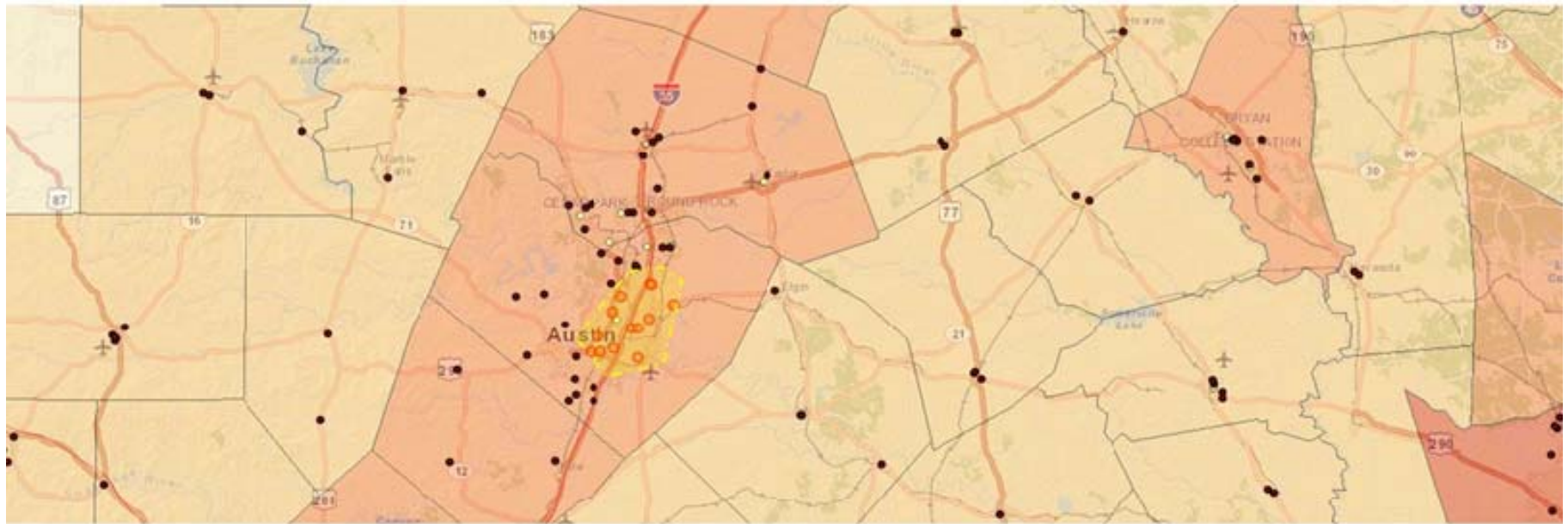
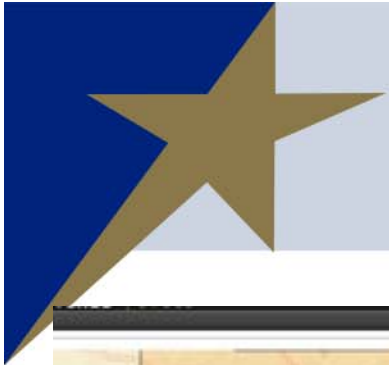
Percent of Population with Bachelor's Degree or Higher, 2010 to 2030



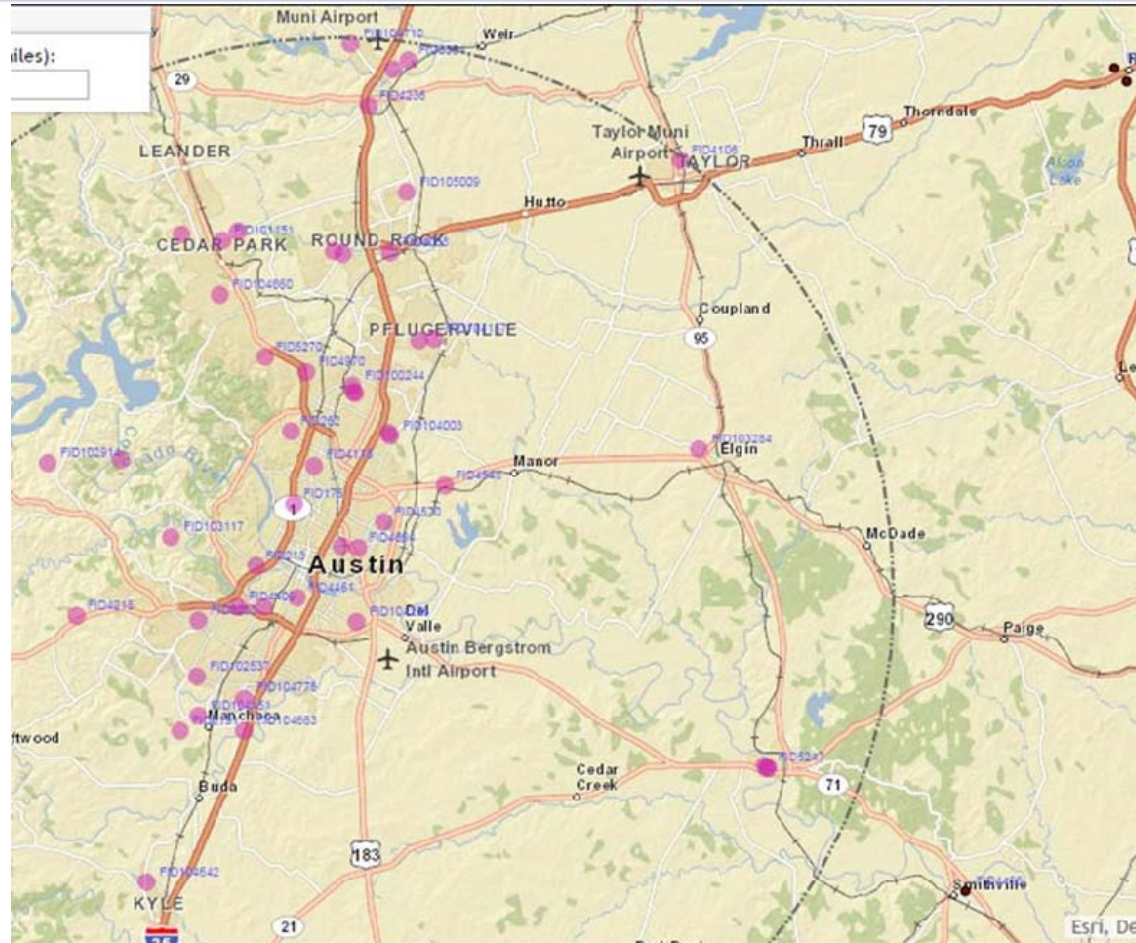
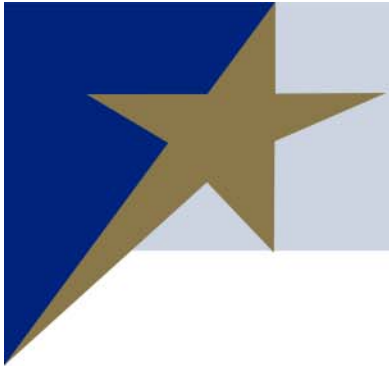


Optimizing Placement of Nursing Facilities





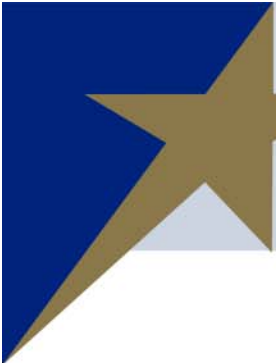
FacilityID	Name	Address	ContactNumber
4694	MAGGIE JOHNSON NURSING CENTER	3406 E 17TH ST AUSTIN TX 78721	5129264760
4409	MONTE SIESTA NURSING AND REHABILITATION LP	4501 DUDMAR DR AUSTIN TX 78735	5128921131
4548	OAKCREST MANOR NURSING HOME	9808 CROFFORD LN AUSTIN TX 78724	5122725511
4118	RETIREMENT AND NURSING CENTER AUSTIN	6909 BURNET LN AUSTIN TX 78757	5124525719
104266	RIVERSIDE REHABILITATION AND HEALTH CARE CENTER	6801 E RIVERSIDE DR AUSTIN TX 78741	5122479000
5117	SOUTHWOOD CARE CENTER LLC	3759 VALLEY VIEW RD AUSTIN TX 78704	5124433436
4461	STONEBRIAR NURSING AND REHABILITATION CENTER	110 E LIVE OAK ST AUSTIN TX 78704	5124443511



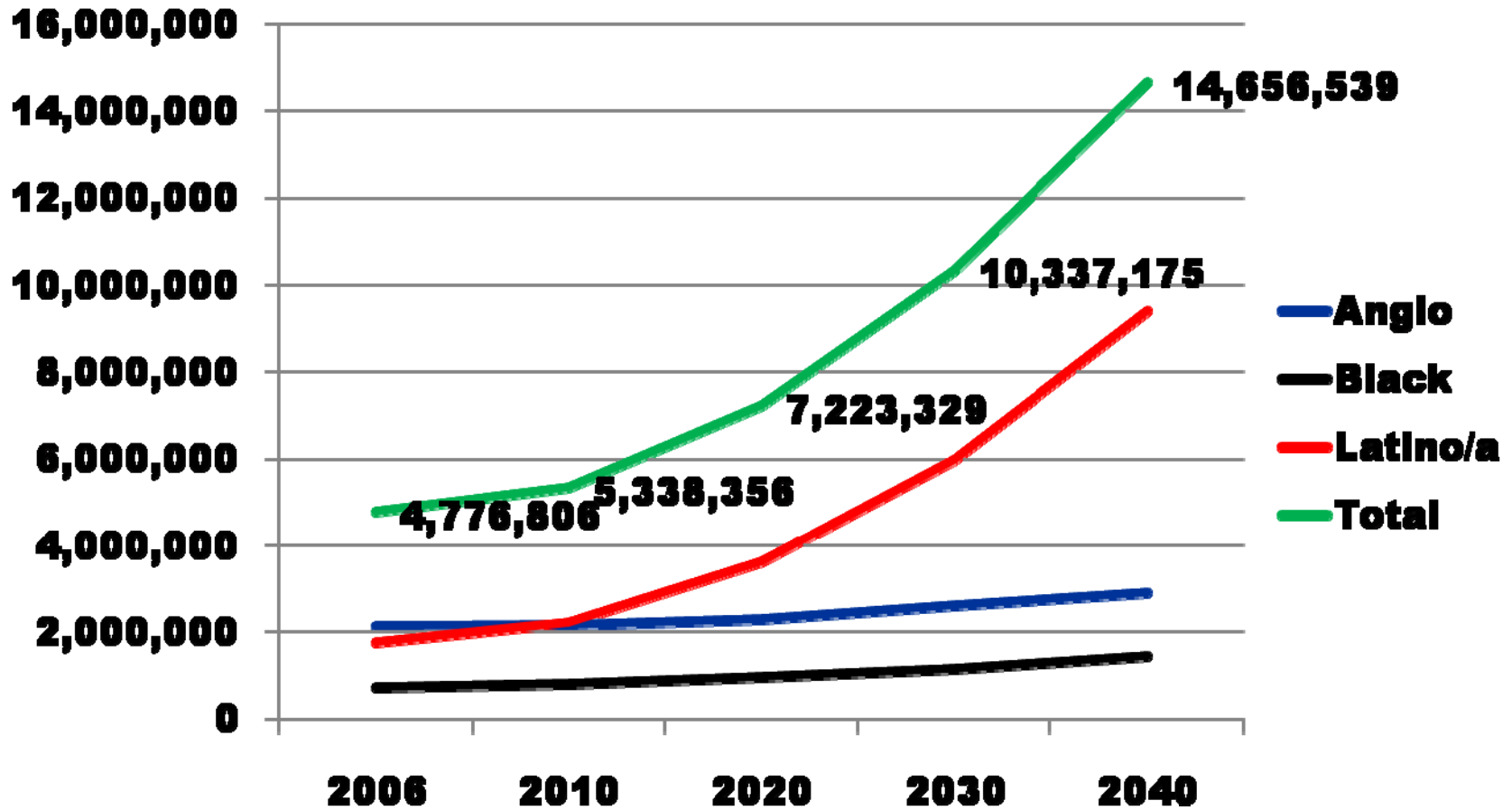
	Address	Cont
IT CARE CENTER OF SAN MARCOS	1351 SADLER SAN MARCOS TX 78868	5128
ARCOS REHABILITATION AND HEALTHCARE CENTER	1800 N IH 35 SAN MARCOS TX 78868	5123
IER VILLA SIESTA HOME	11110 TOM ADAMS DR AUSTIN TX 78753	5128
I VIEW REHABILITATION AND HEALTHCARE CENTER	11020 DESSAU RD AUSTIN TX 78754	5128
TUS AT SPICEWOOD SPRINGS	4401 SPICEWOOD SPRINGS RD AUSTIN TX 78759	5124
/WOODS LIVING CENTER	12042 BITTERN HOLLOW AUSTIN TX 78759	5127



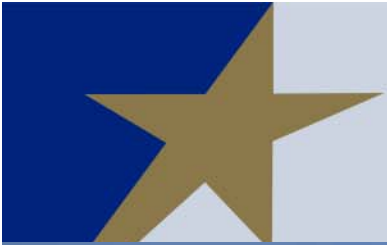
Other Applications



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

Office: (512) 463-8390 or (210) 458-6530

E-mail: State.Demographer@osd.state.tx.us

Website: <http://osd.state.tx.us>