

HOTCOG P-20 SERVICE AREA PROFILE

Paul Illich, Ph.D.

Vice President, Research, Planning, and Technology

McLennan Community College

9-19-2012



Greater Waco Community
EDUCATION ALLIANCE
Expanding Opportunities. Changing Lives.

Demographic Data

- Population/Location of HOTCOG
- Age
- Gender
- Ethnicity

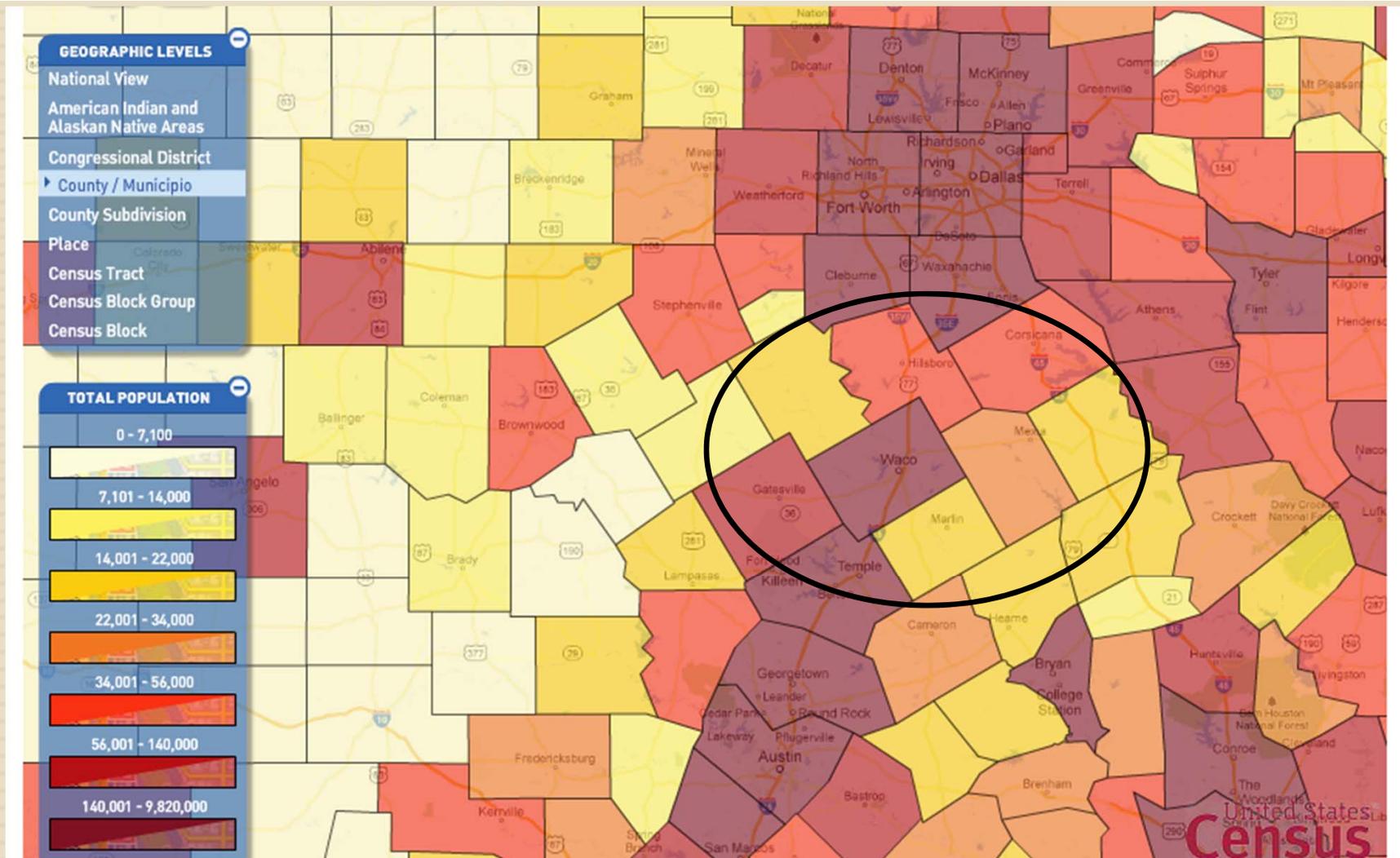
HOTCOG – Service Area and Total Population

- Bosque – 18,212
- Falls – 17,866
- Freestone – 19,816
- Hill – 35,089
- Limestone – 23,384
- McLennan – 234,906

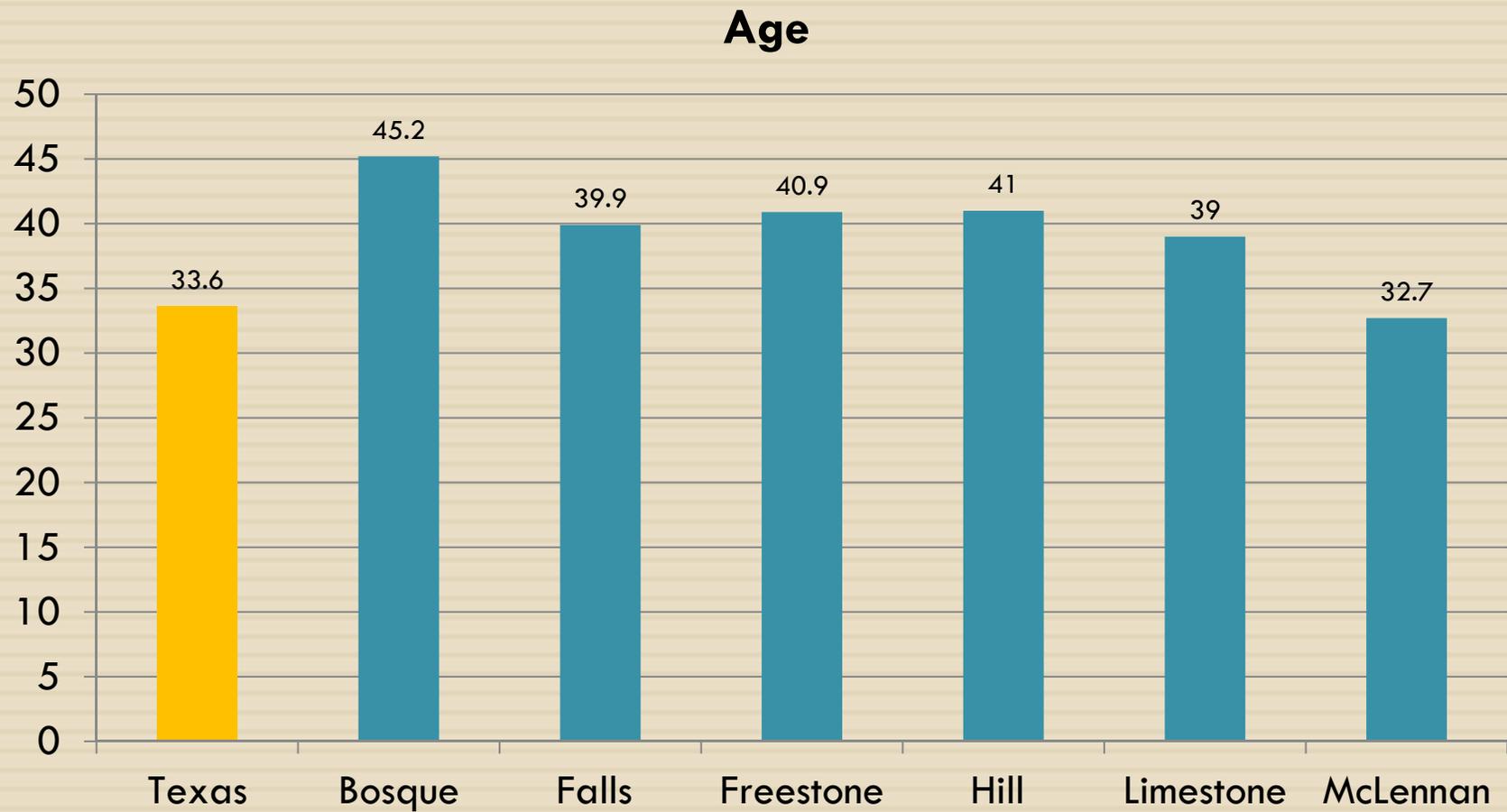
- Two-thirds of the total HOTCOG population reside in McLennan County



HOTCOG - Population

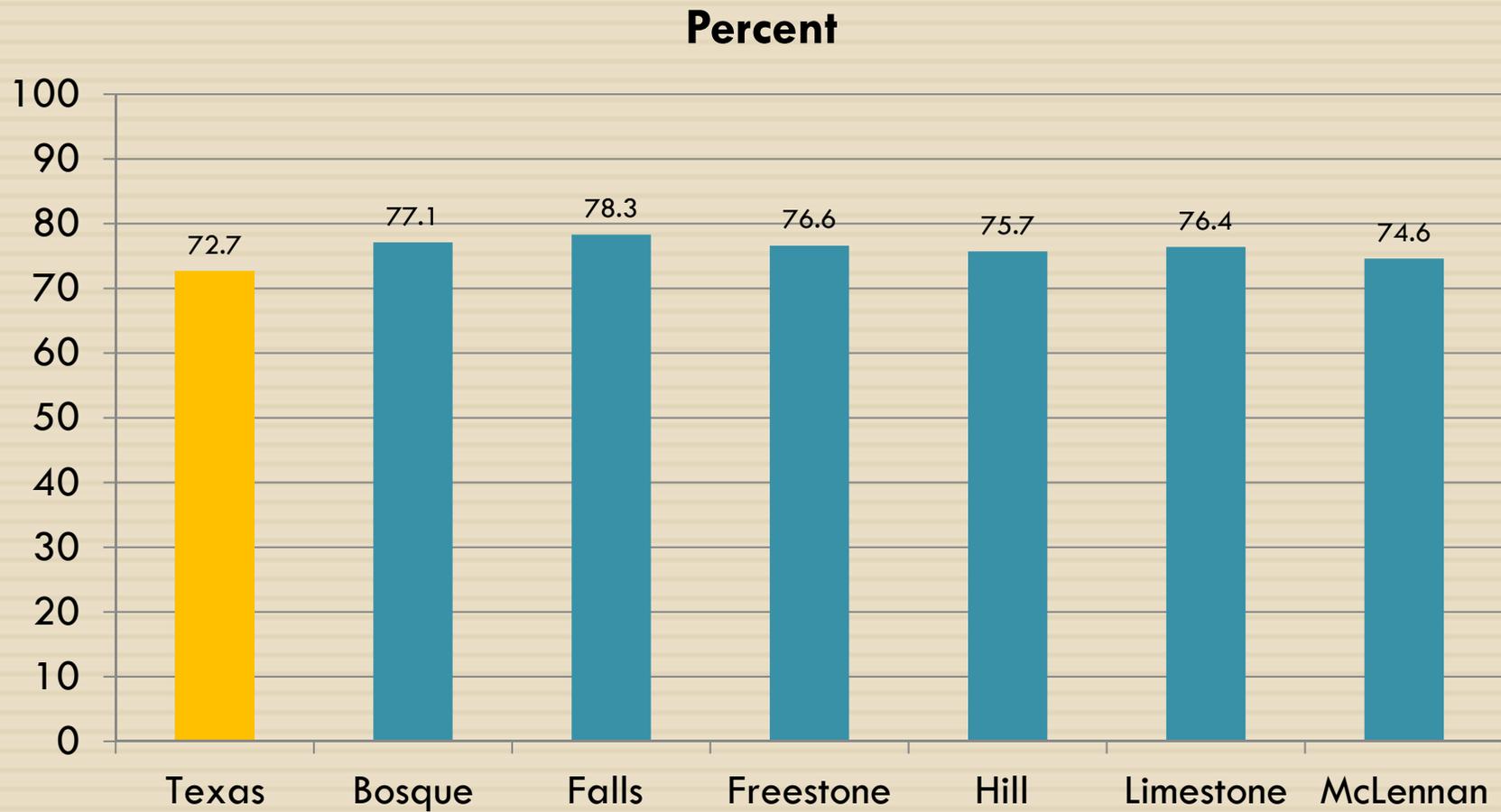


Median Age



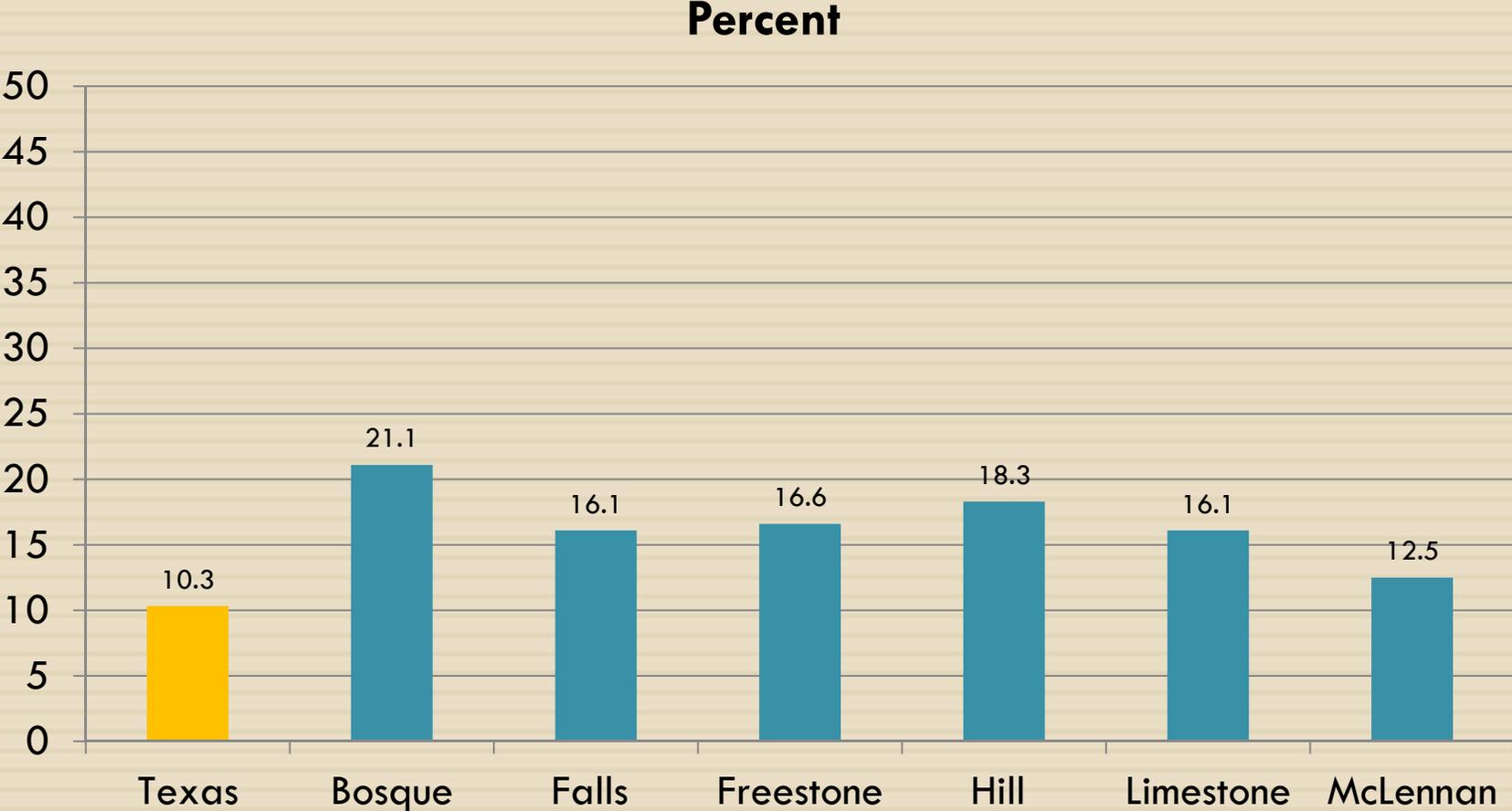
Source: U.S. Census Bureau – 2010

18 Years and Over



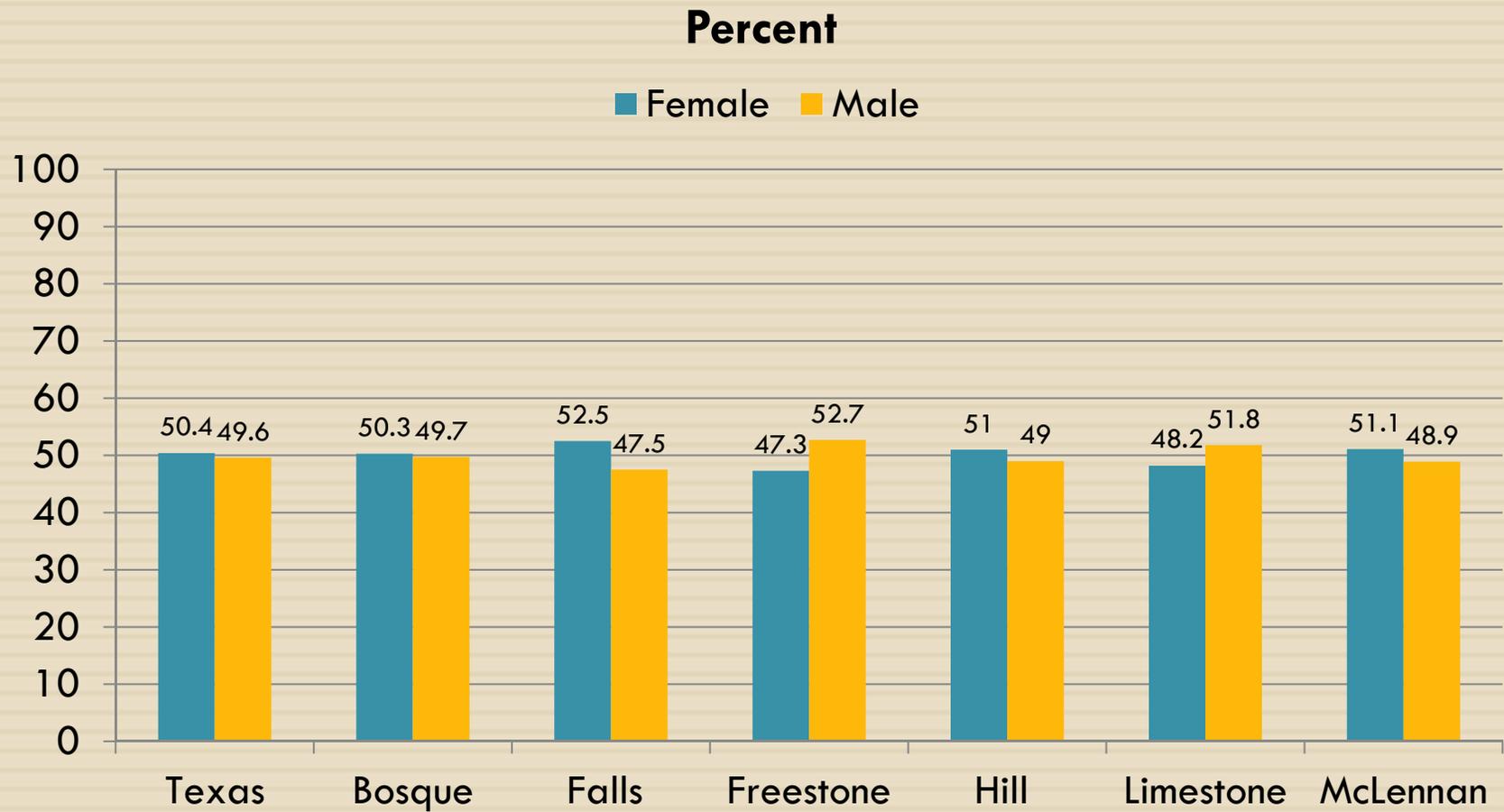
Source: U.S. Census Bureau – 2010

65 Years and Over



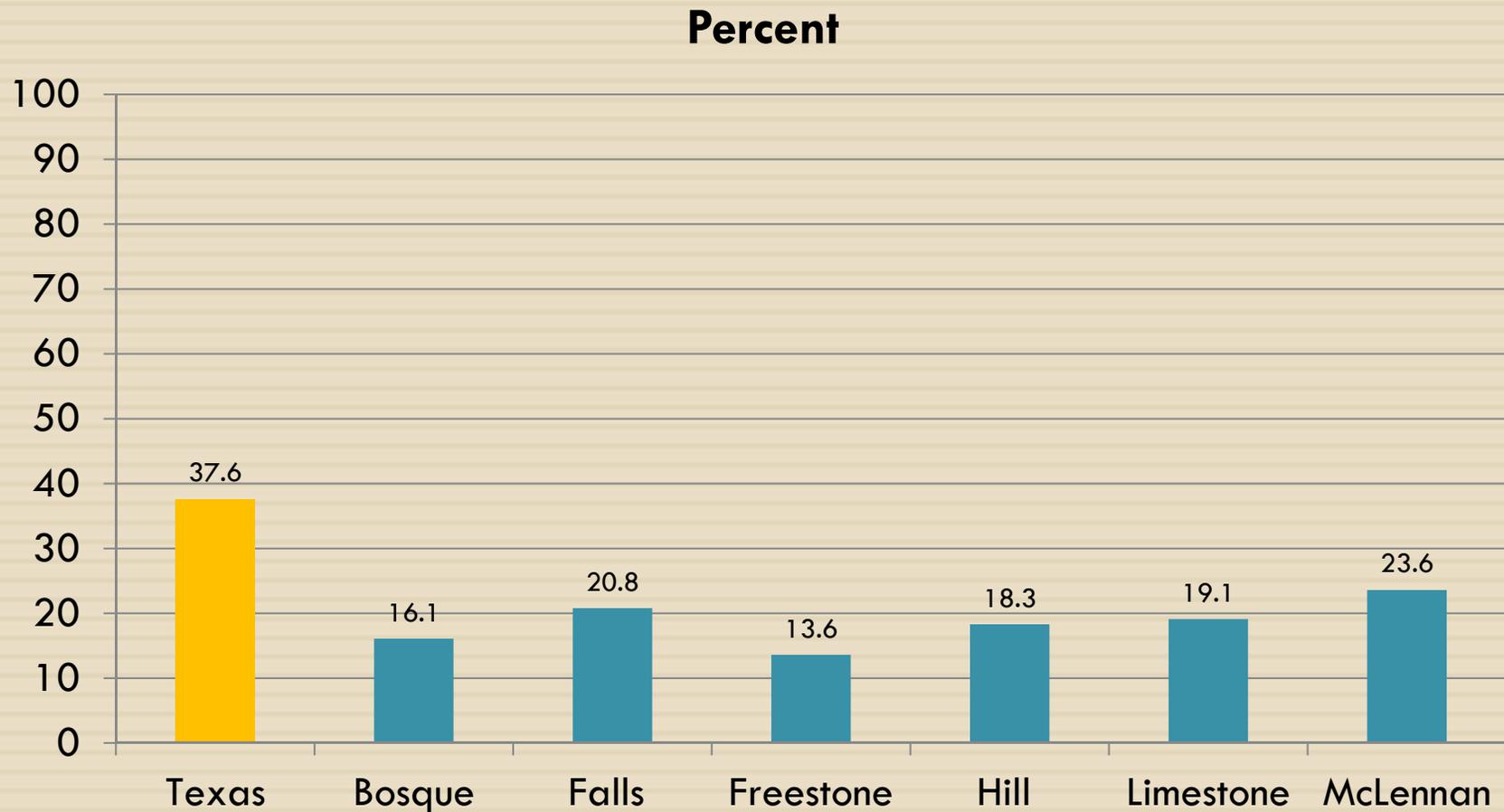
Source: U.S. Census Bureau – 2010

Gender



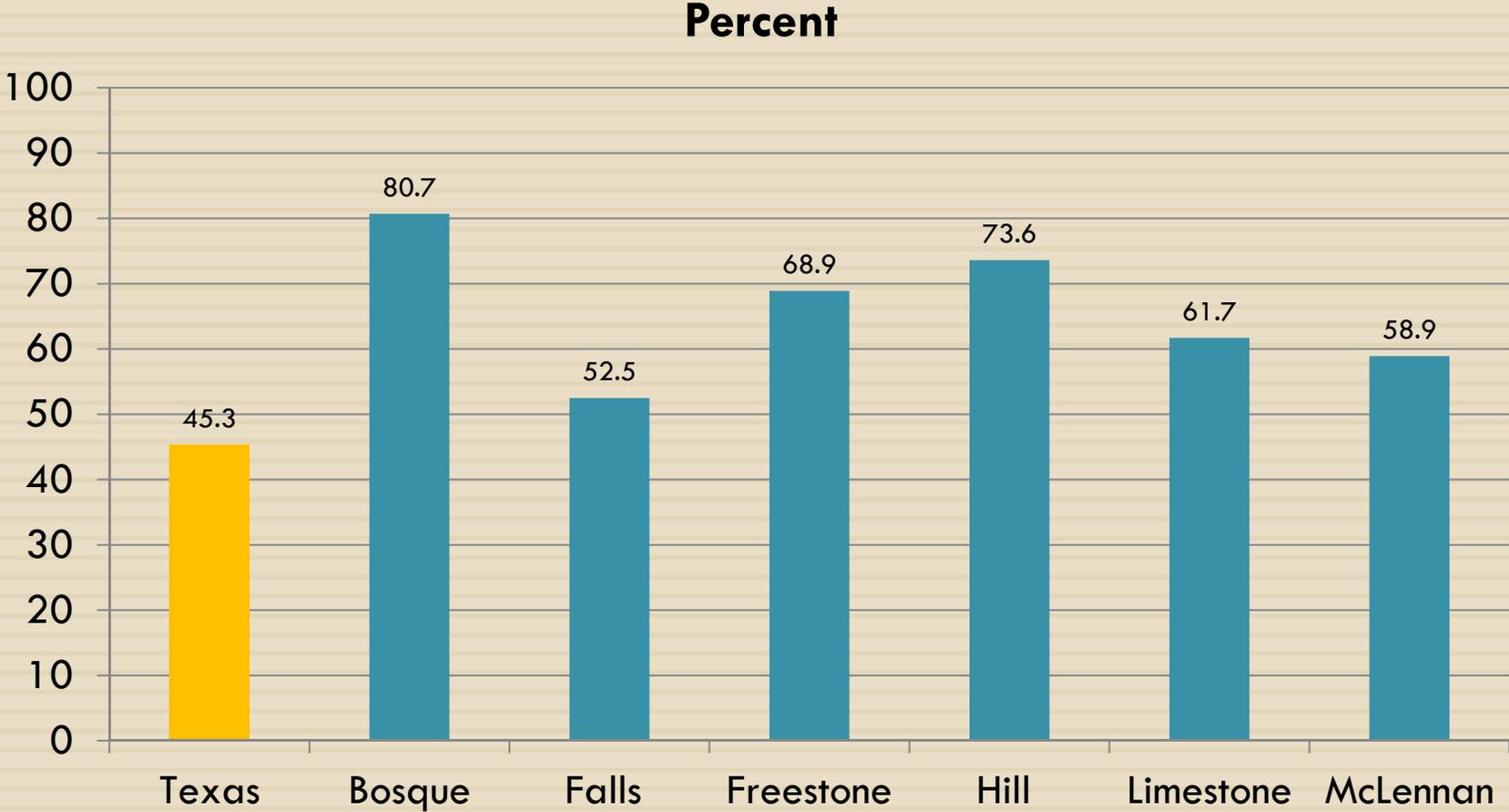
Source: U.S. Census Bureau – 2010

Ethnicity: Hispanic or Latino



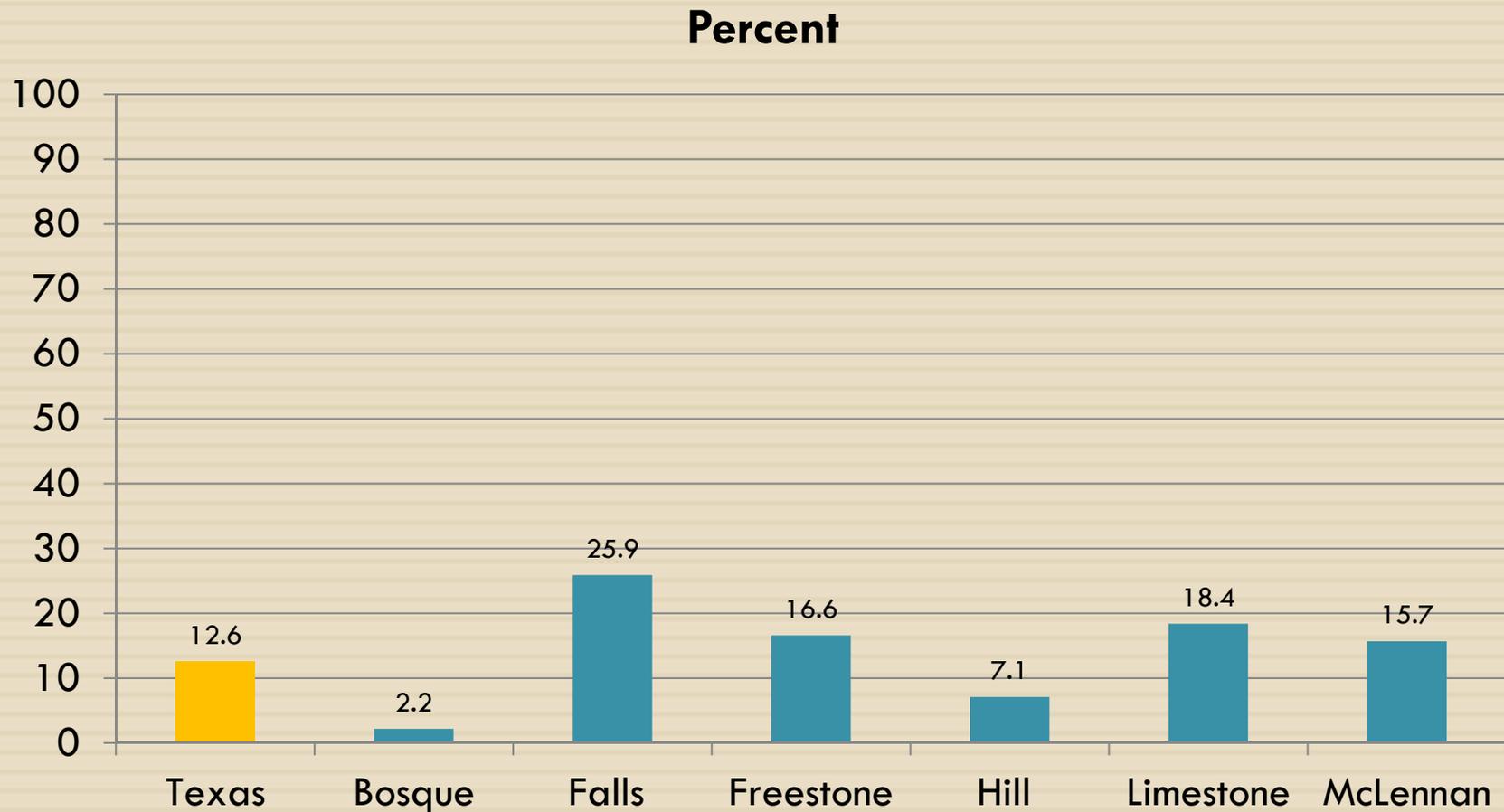
Source: U.S. Census Bureau – 2010

Ethnicity: White Alone



Source: U.S. Census Bureau – 2010

Black or African American Alone



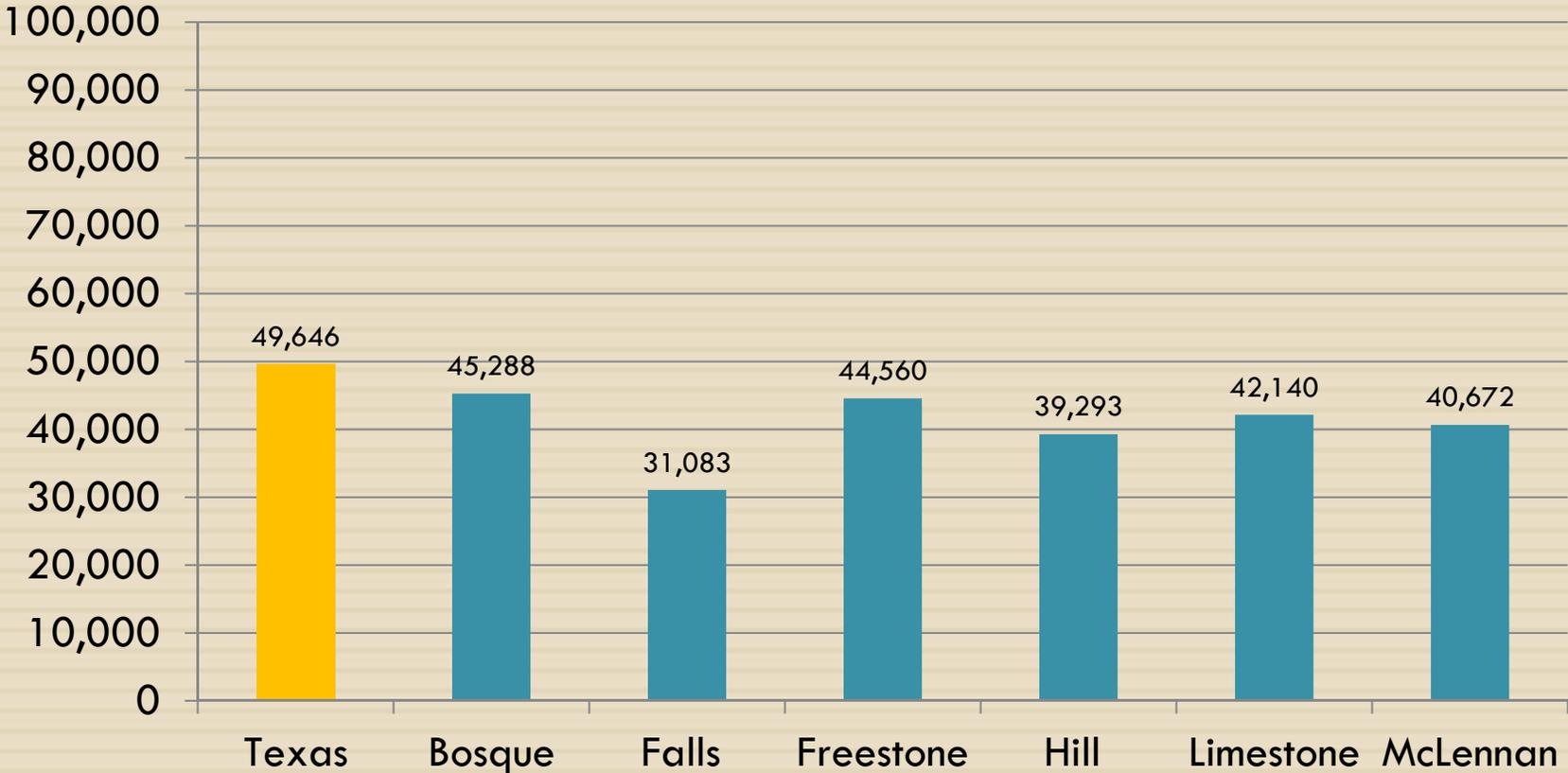
Source: U.S. Census Bureau – 2010

Economic/Workforce Data

- Median Household Income
- Poverty Rates
- Labor Force

Median Household Income

Dollar Amount

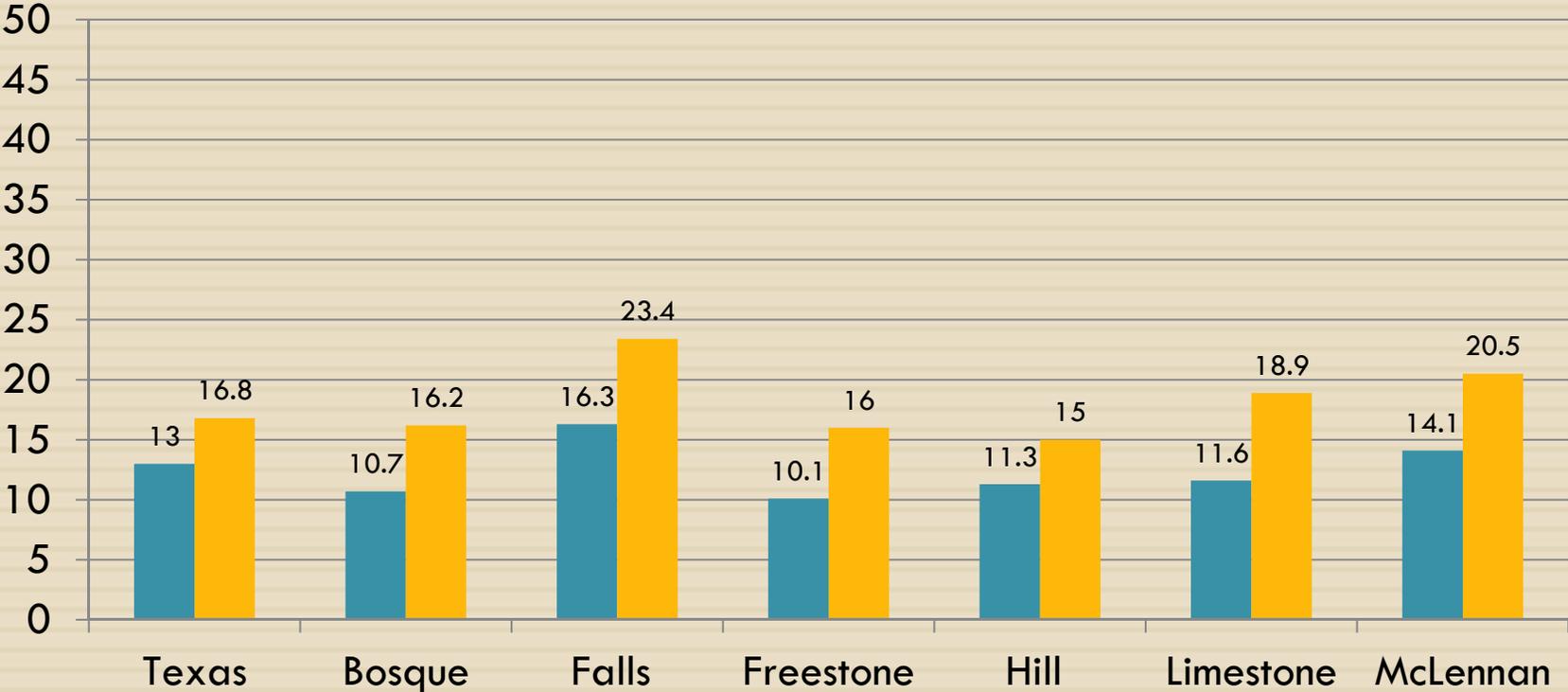


Source: U.S. Census Bureau – ACS 2010 estimates

Families and Persons Below Poverty Level

Percent Below Poverty Level

Families Persons



Source: U.S. Census Bureau – ACS 2010 estimates

Number in Labor Force (Percent)

	Number in Labor Force	Percent Unemployed
Texas	18,380,464	7.0%
Bosque	8,150	7.9%
Falls	7,162	7.9%
Freestone	8,000	6.5%
Hill	15,668	6.7%
Limestone	8,830	4.0%
McLennan	112,337	7.2%

Source: U.S. Census Bureau – ACS 2010 estimates based on population 16 years and older

Industry Profile by County

	Texas	Bosque	Falls	Freestone	Hill	Limestone	McLennan
Agriculture, forestry, mining	2.9	5.8	7.1	16.6	5.7	9.6	1.2
Construction	8.6	11.2	9.2	7.9	12.1	6.9	6.9
Manufacturing	9.7	12.3	11.2	5.1	11.4	5.6	12.3
Wholesale trade	3.3	2.7	2.1	2.1	2.5	2.4	3.3
Retail trade	11.5	11.1	8.6	11.1	12.4	12.1	12.8
Transportation	5.7	6.2	4.9	6.8	8.4	6.3	4.9
Information	2.2	1.1	.3	.3	.7	.9	2.3
Finance, insurance, real estate	6.9	5.0	4.8	3.2	4.5	2.7	6.5
Professional, scientific, management	10.5	4.2	3.8	6.5	4.9	5.4	6.8
Education, health care, and social assistance	20.8	26.3	25.7	26.3	20.0	31.6	26
Arts, entertainment, fod services	8.2	4.9	6.1	4.1	7.5	3.4	8.3
Other services	5.2	4.7	5.4	4.8	5.4	5.0	4.8
Public Administration	4.4	4.4	10.8	5.2	4.4	8.2	4.1

Source: U.S. Census Bureau – ACS 2010 estimates

McLennan County and Waco Population Characteristics

Demographic	State	McLennan County	Waco
Population	25,145,561	234,906	124,805
Hispanic	37.6%	23.6%	29.6%
African American	11.8%	14.8%	21.5%
White	45.3%	58.9%	45.8%
Median household income*	\$49,646	\$40,672	\$31,288
Families below poverty level*	13.0%	14.1%	21.2%
Individuals below poverty level*	16.8%	20.5%	28.7%

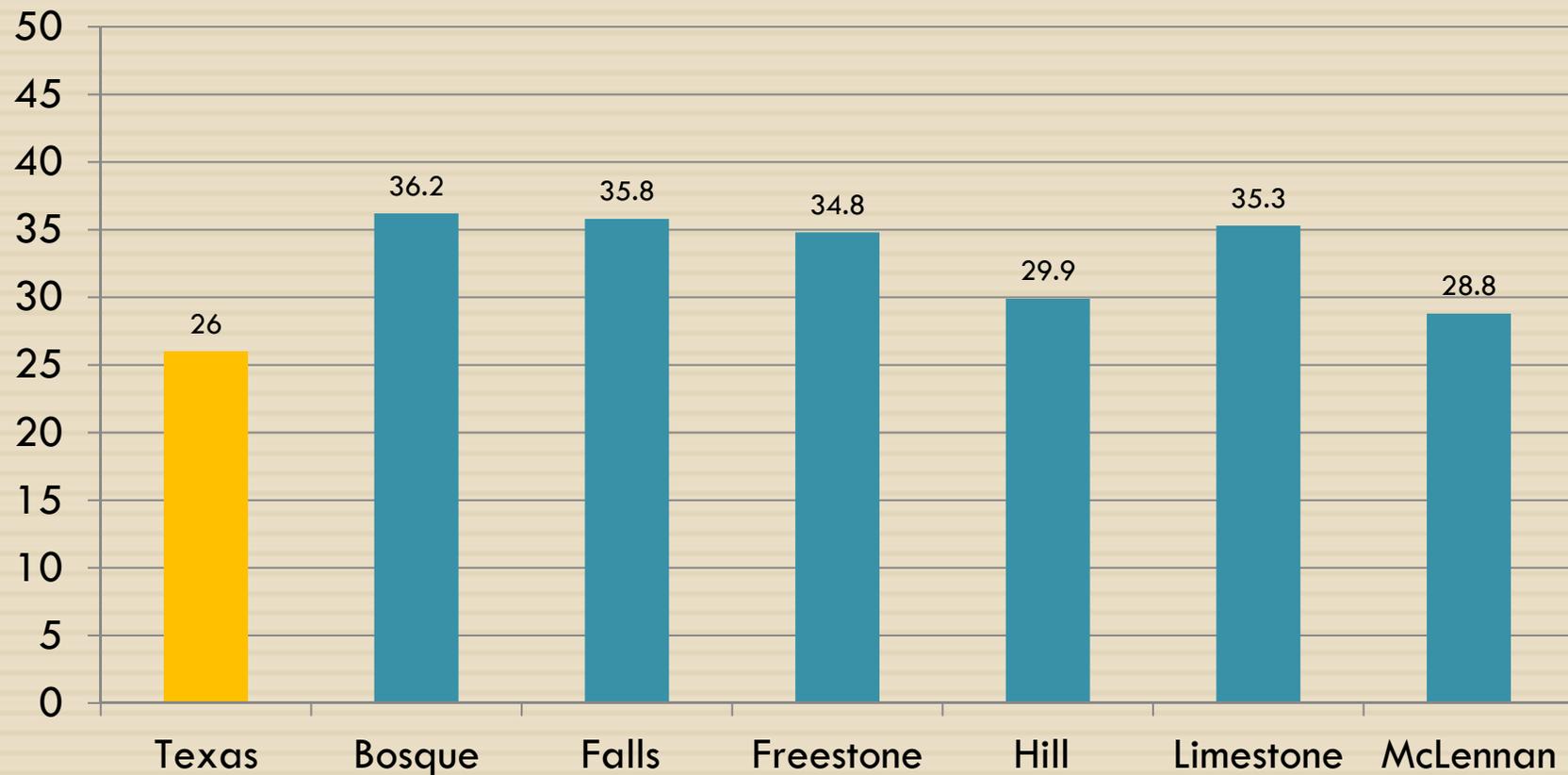
Source: 2010 U.S. Census Bureau; * ACS 2010 estimates

Education Data

- Educational Attainment
- Enrollment by Grade Level
- Public School Performance
- College Readiness and Performance

Highest Degree Earned - High School Degree

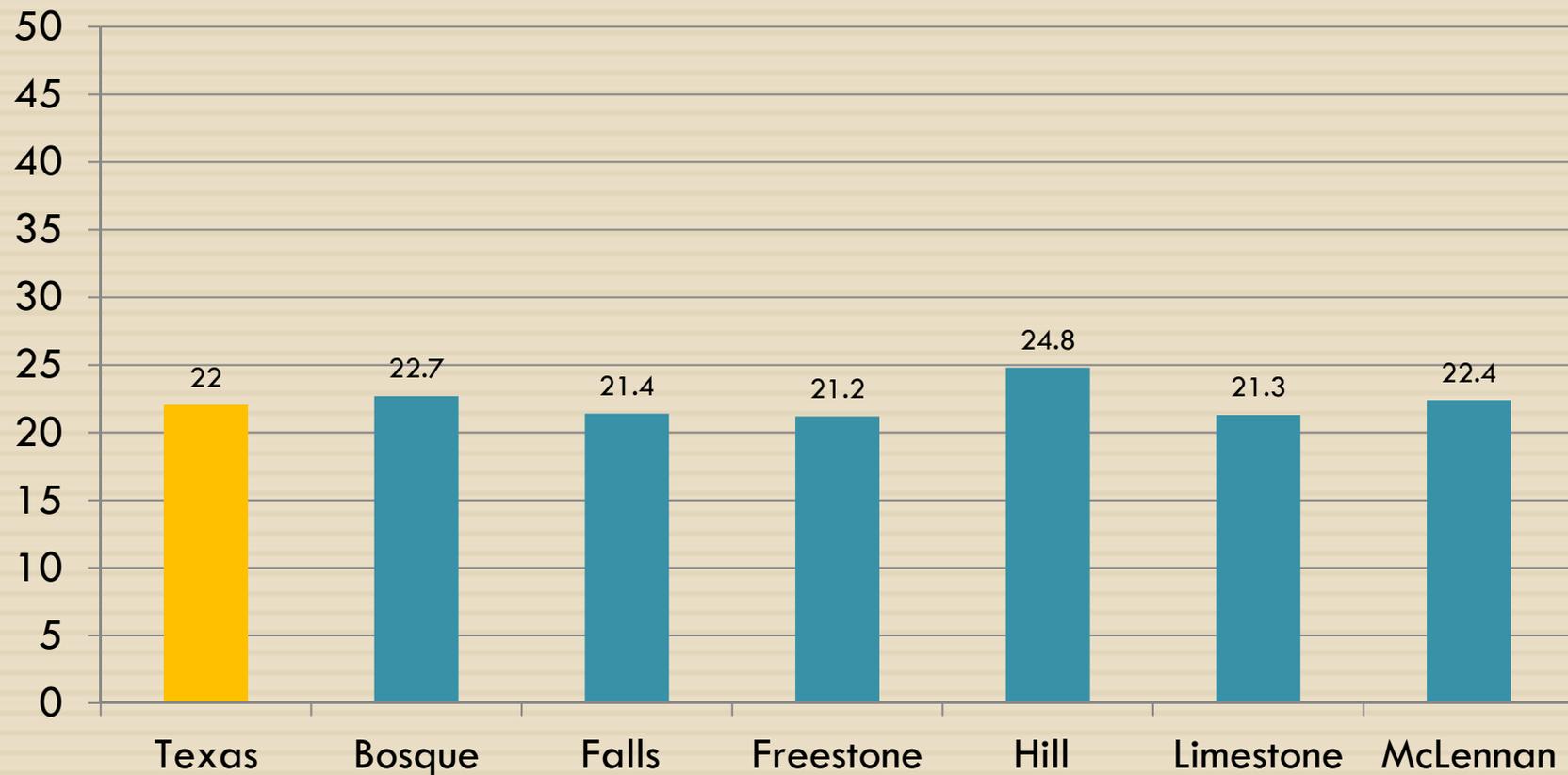
Percent with High School Degree or Equivalent



Source: U.S. Census Bureau – ACS 2010 estimates

Highest Degree Earned - Some College

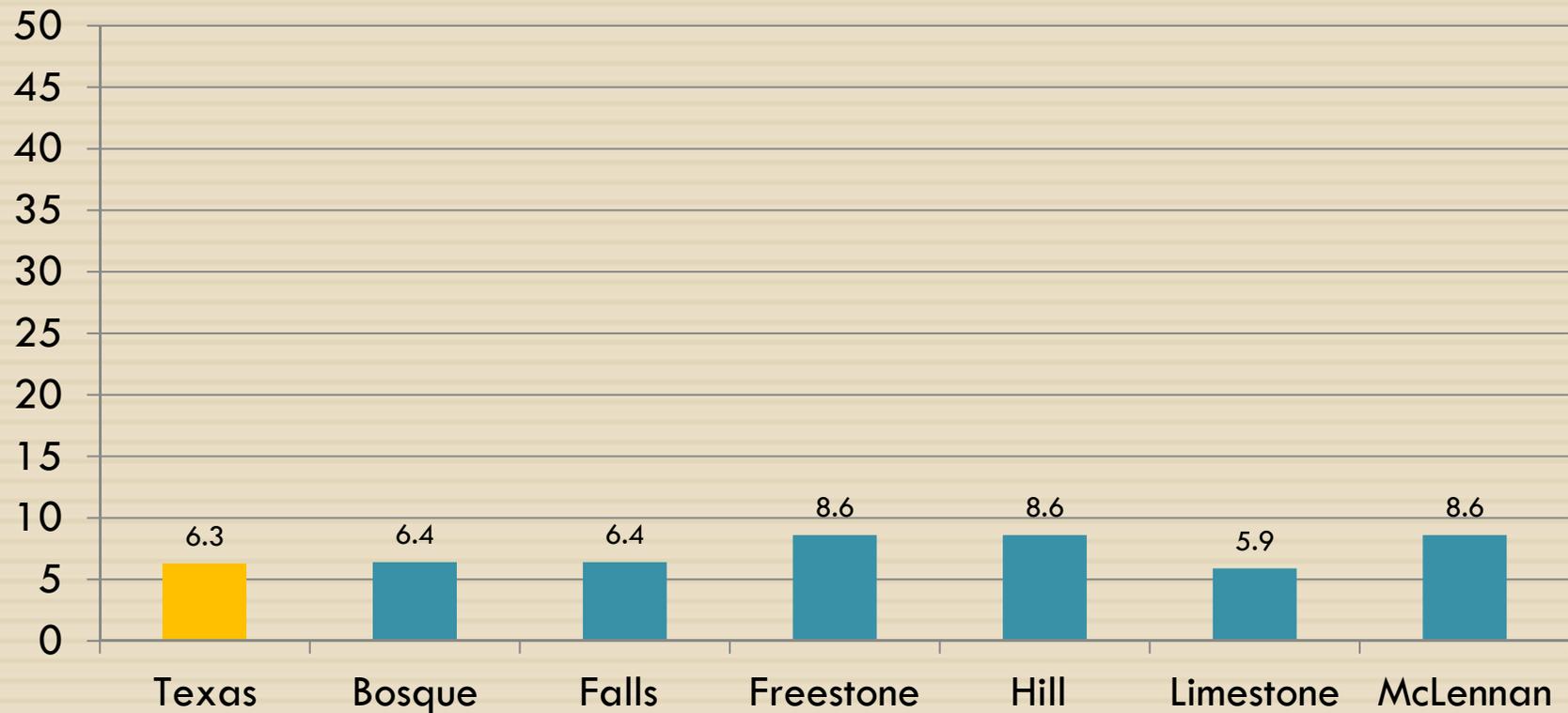
Percent



Source: U.S. Census Bureau – ACS 2010 estimates

Highest Degree Earned - Associate Degree

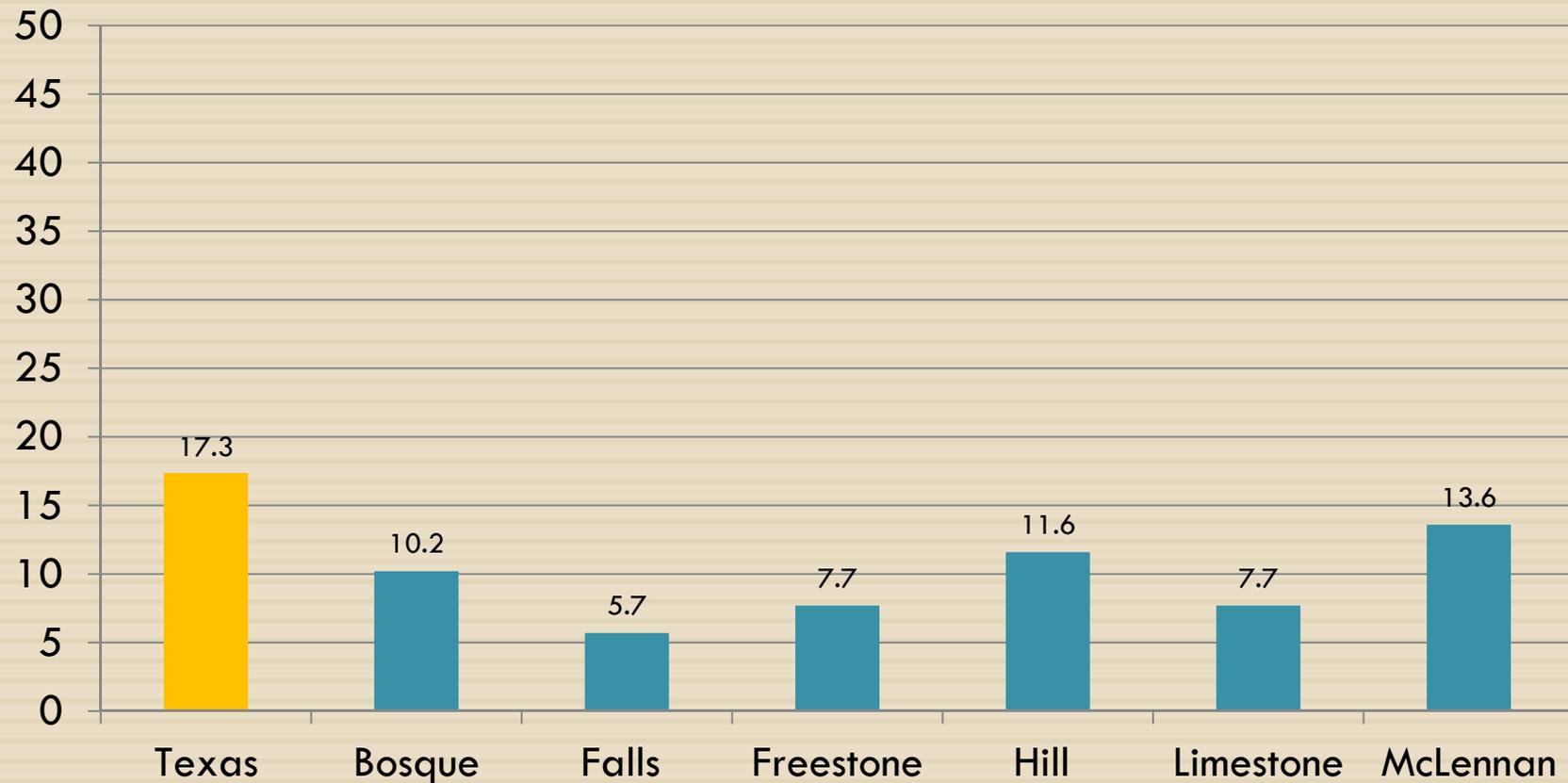
Percent of Population 25 years or Older with a Associate Degree



Source: U.S. Census Bureau – ACS 2010 estimates

Highest Degree Earned - Bachelor Degree

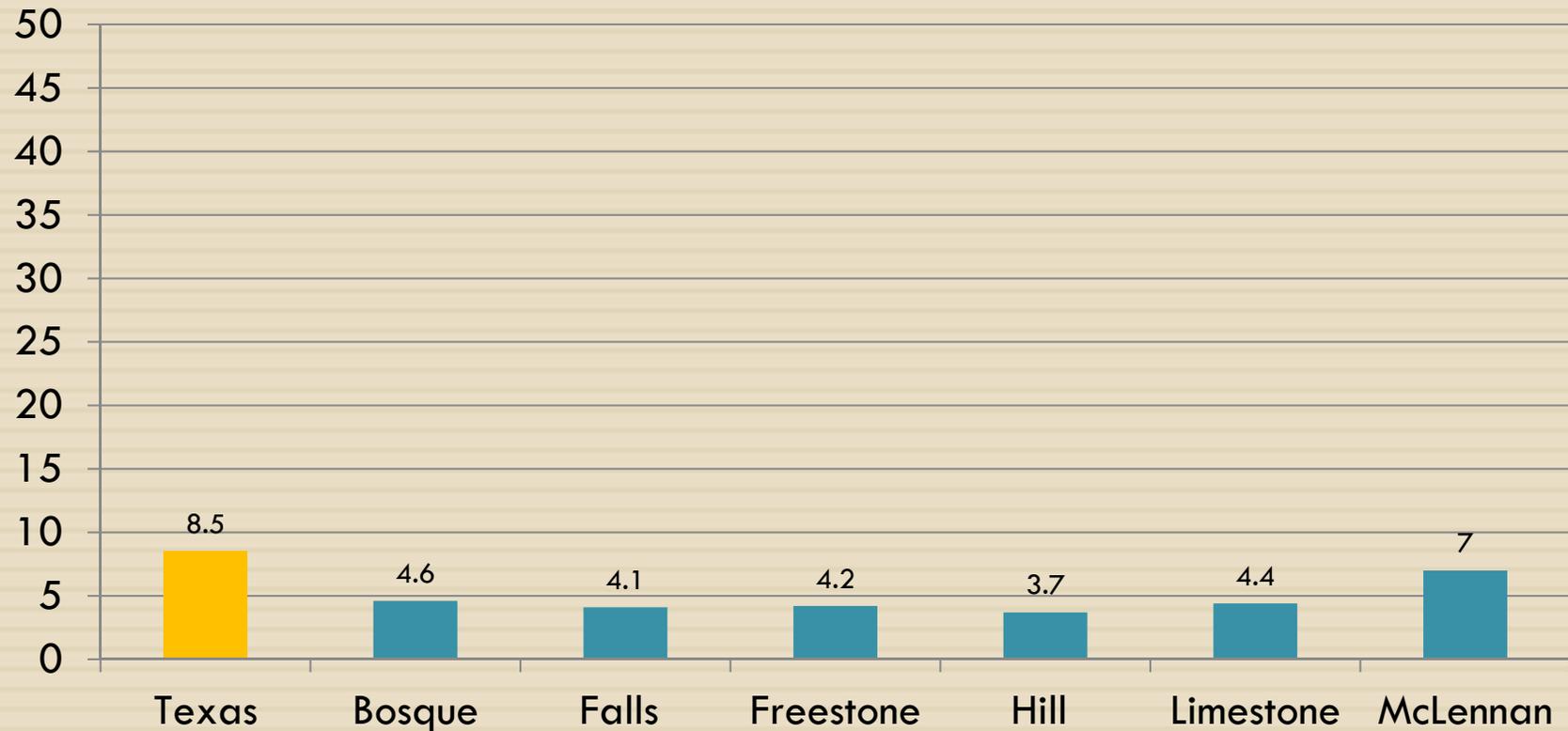
Percent of Population 25 years or Older with a Bachelor Degree



Source: U.S. Census Bureau – ACS 2010 estimates

Highest Degree Earned - Graduate or Professional Degree

Percent of Population 25 years or Older with a Graduate or Professional Degree

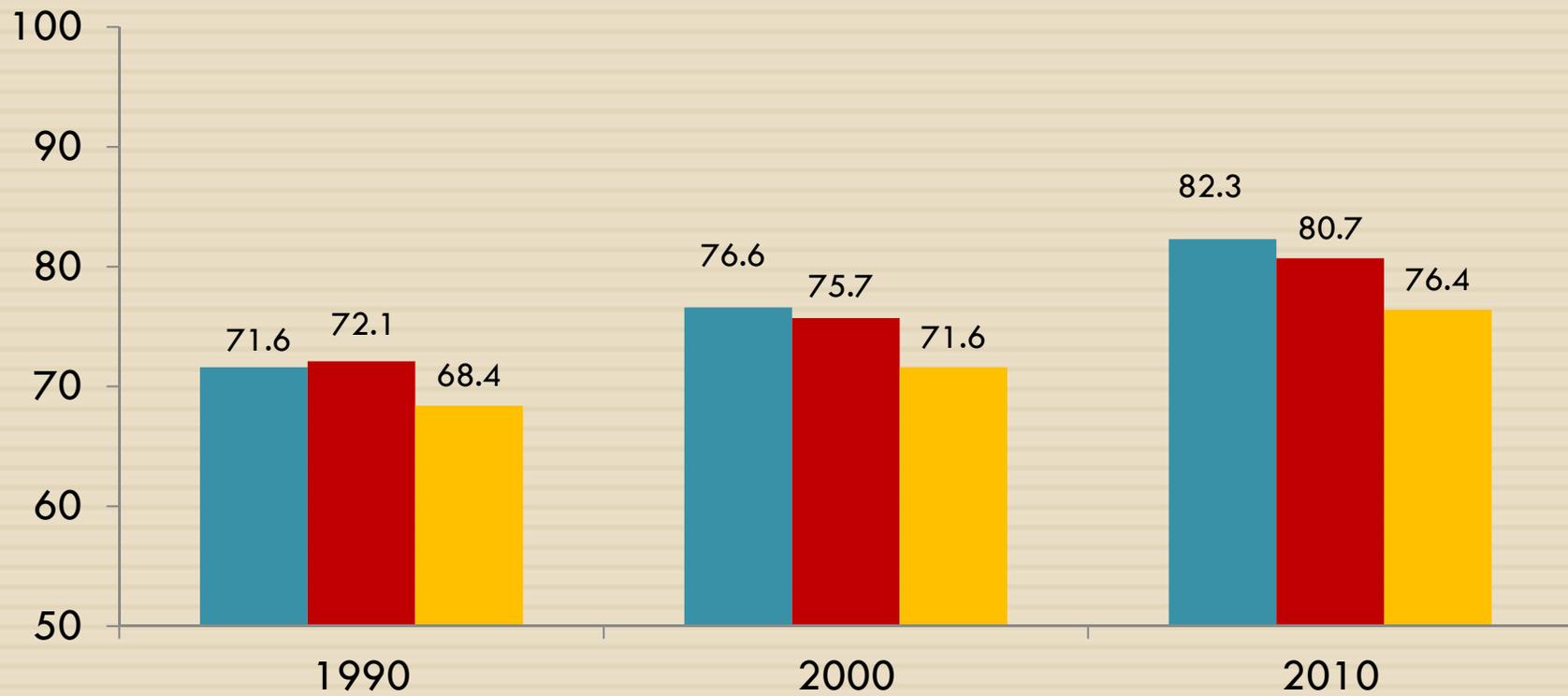


Source: U.S. Census Bureau – ACS 2010 estimates

Local Educational Attainment

Percent of Population with a HS Degree or Higher

■ McLennan County ■ Texas ■ Waco

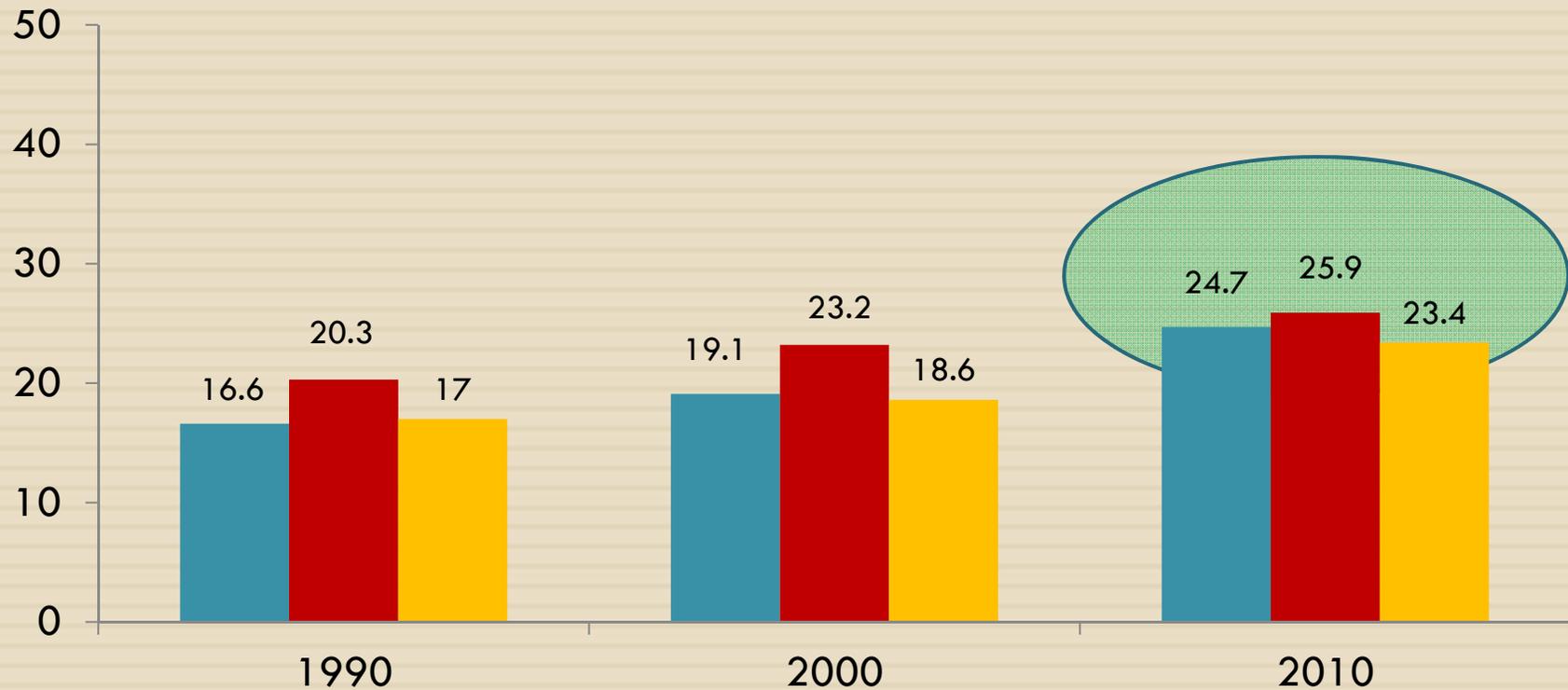


Source: 2010 U.S. Census; American Community Survey

Local Educational Attainment

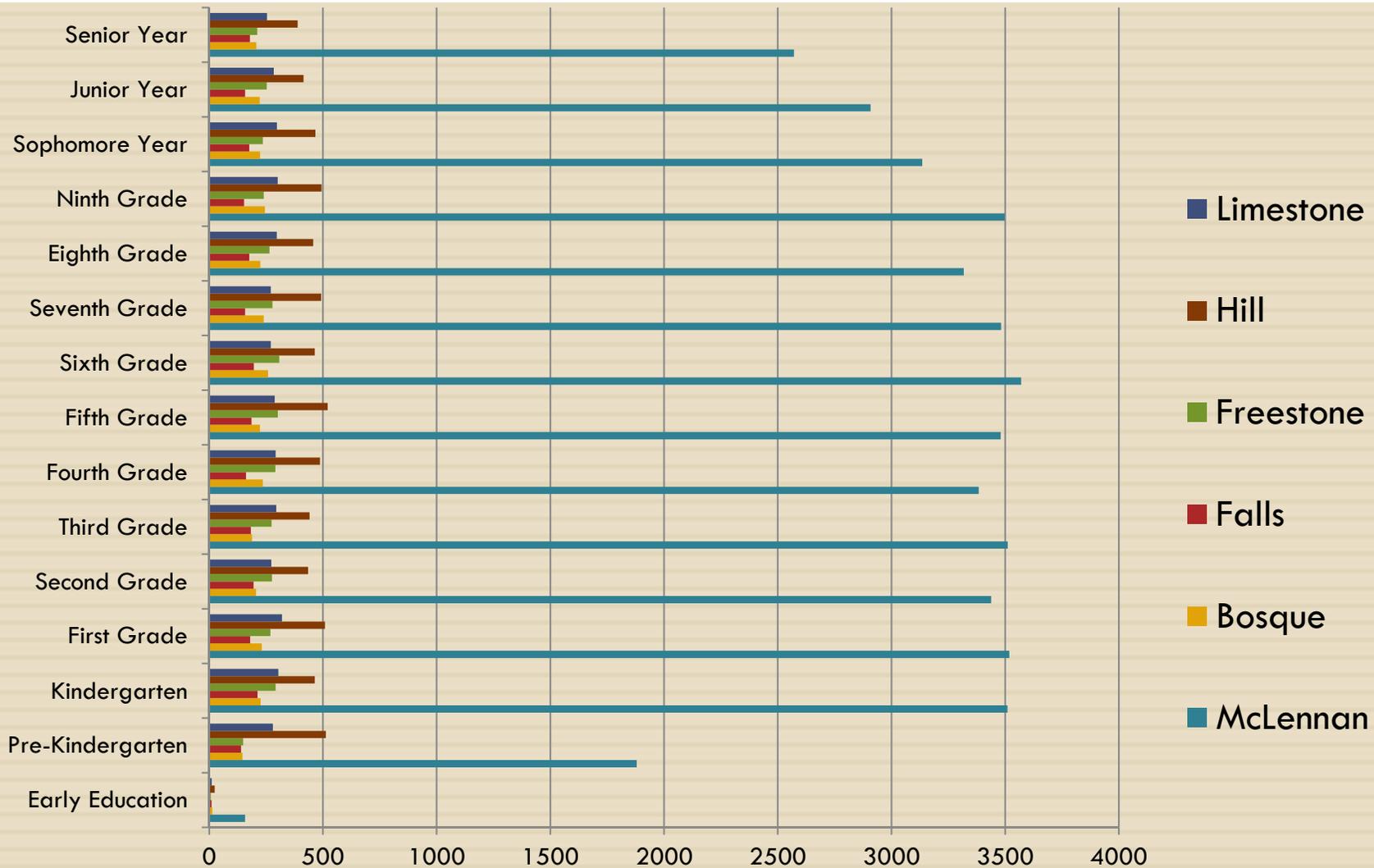
Percent of Population with a Bachelor Degree or Higher

■ McLennan County ■ Texas ■ Waco



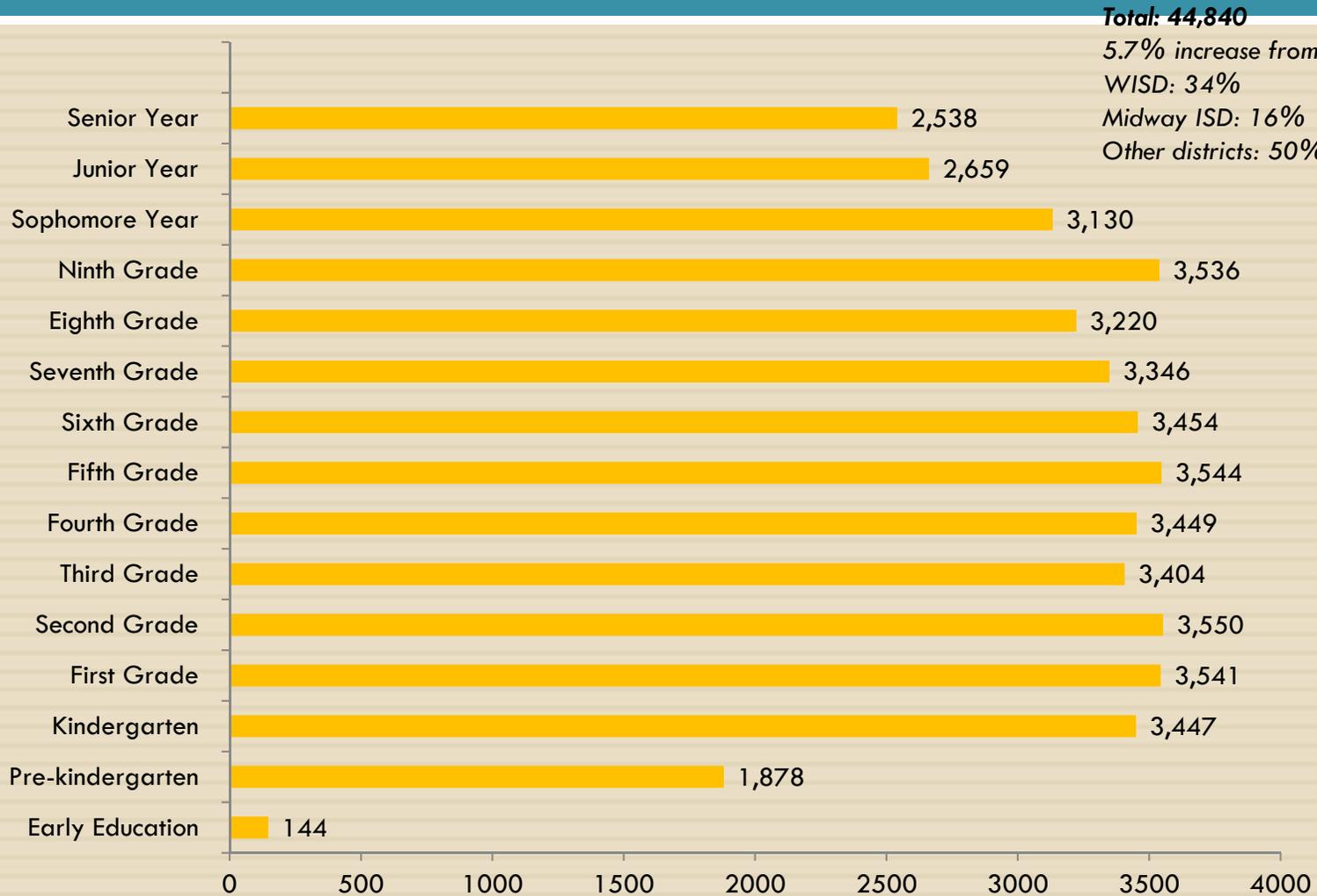
Source: 2010 U.S. Census; American Community Survey

Student Enrollment in Public School



Source: TEA Standard Student Reports – 2011-12

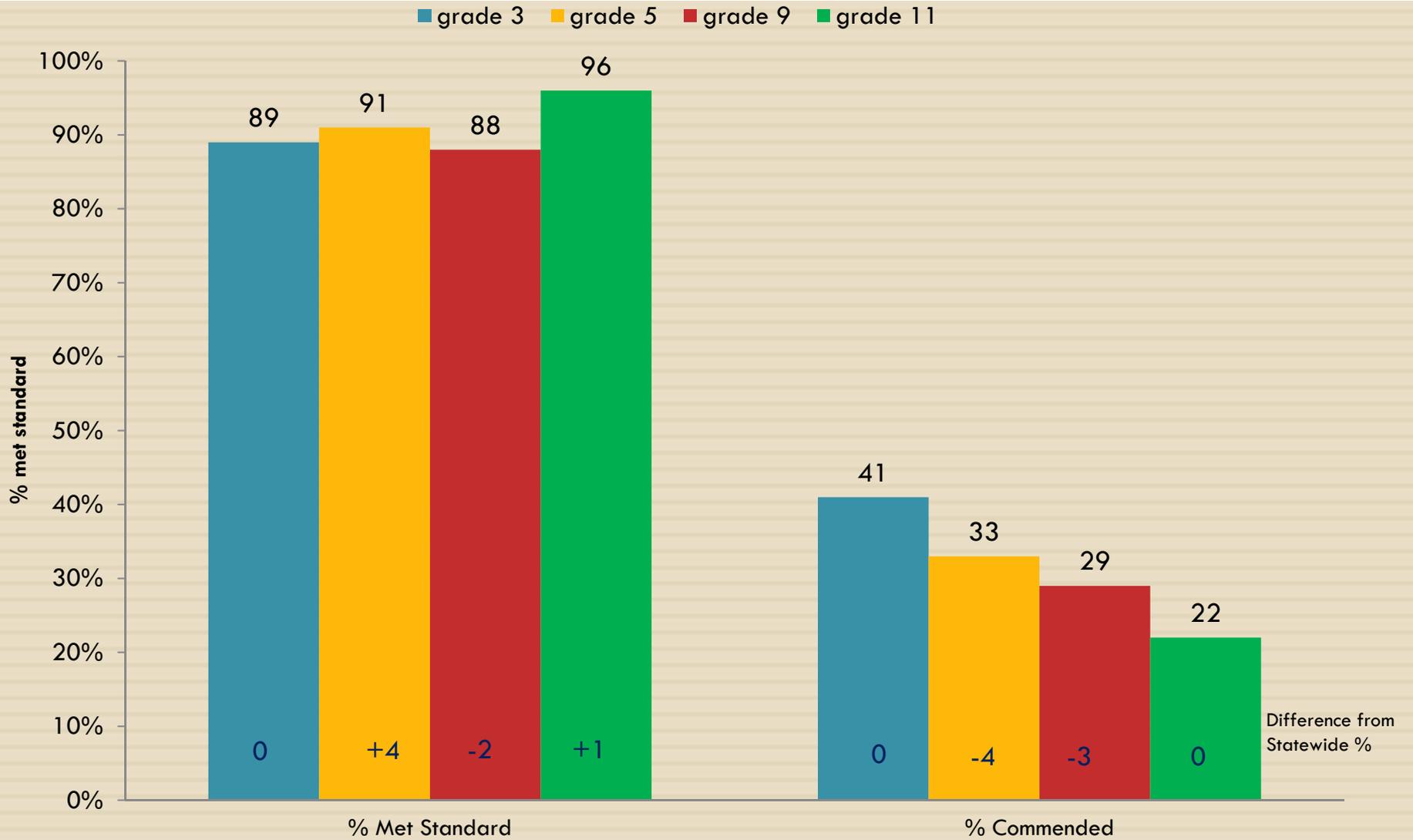
McLennan County Student Enrollment 2010-2011



Source: Texas Education Agency

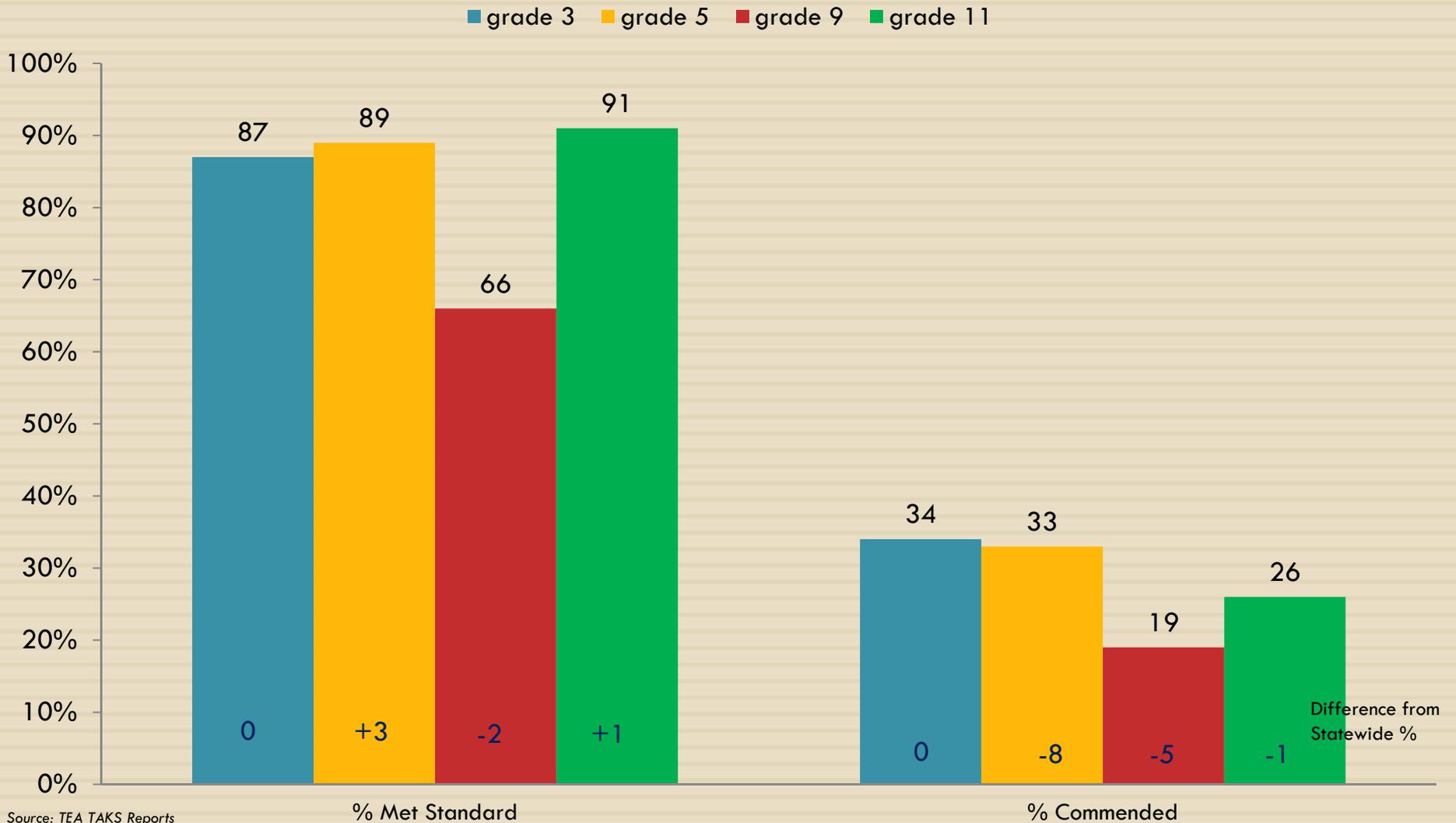
2011 McLennan County Reading Results

(% Meeting Standard and % Commended)

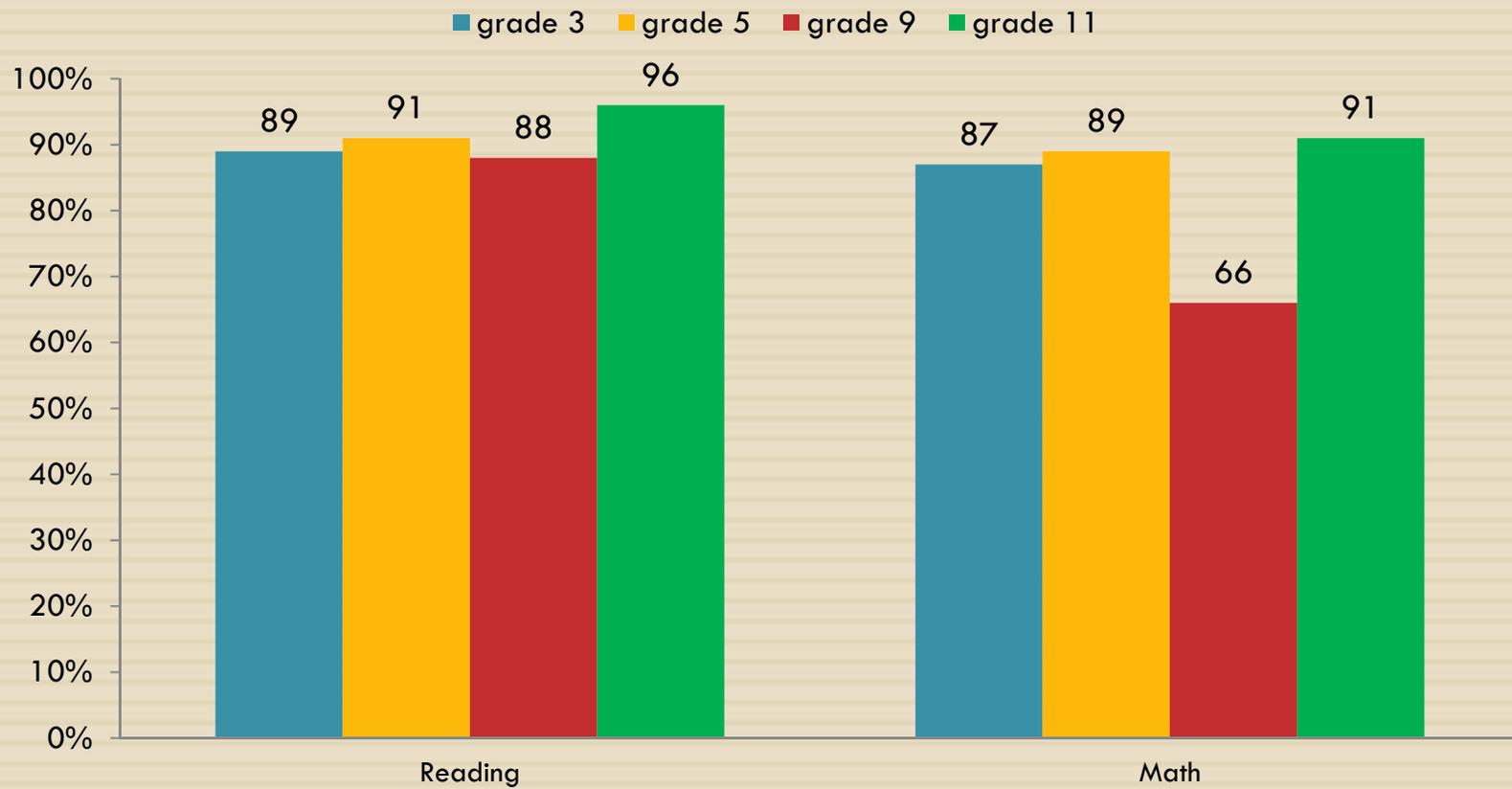


2011 McLennan County TAKS Math Results

(% Meeting Standard & % Commended)



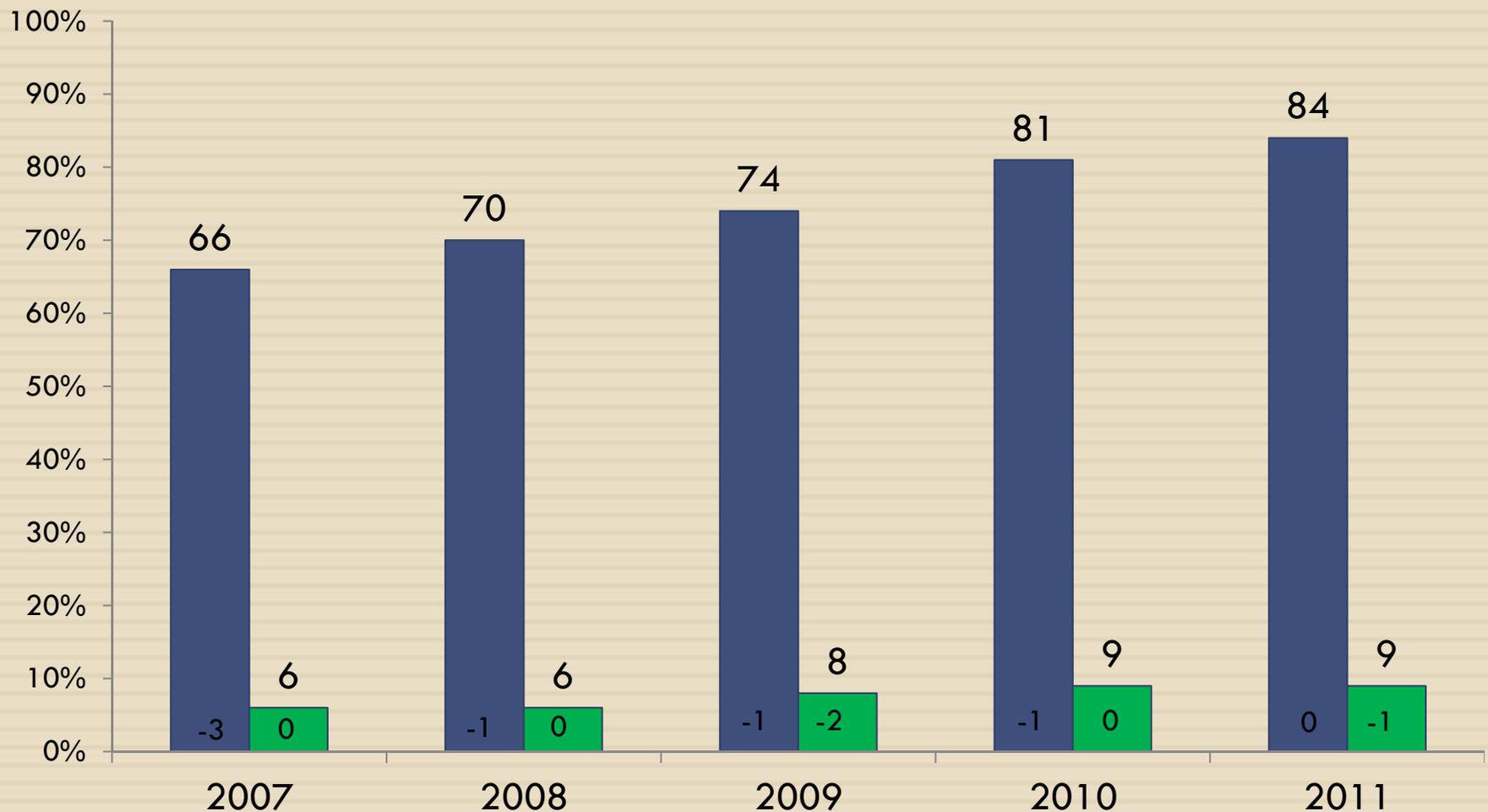
2011 McLennan County TAKS Reading and Math Results (% Meeting Standard)



2007-11 McLennan County TAKS Grade 11 All Sections (% Meeting Standard & % Commended)



■ % Met Standard ■ % Commended



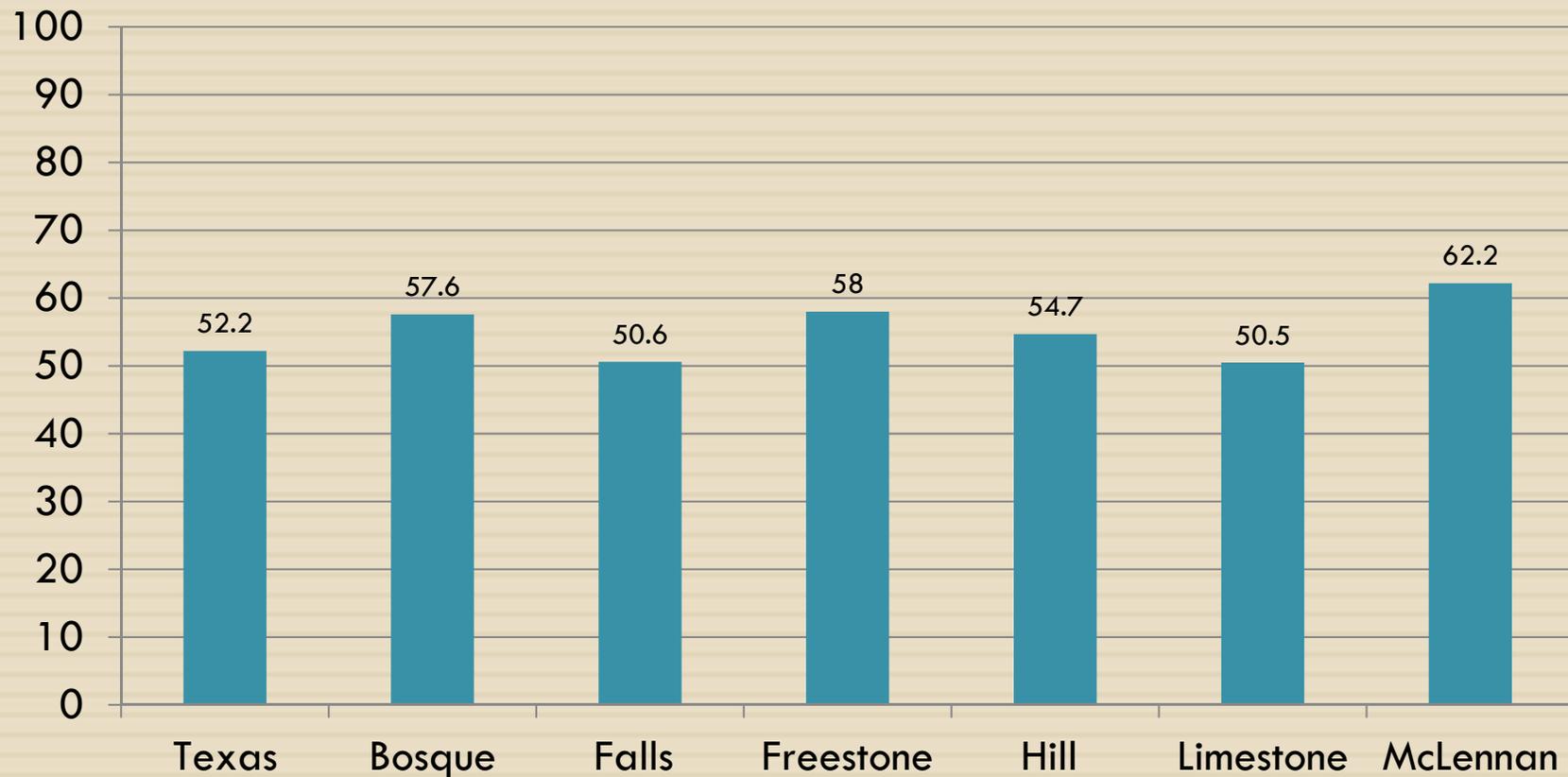
Texas Institutions of Higher Education



Baylor University – 15,332
 Undergraduate – 12,918
 Graduate – 2,404
 MCC – 10,700 (Spring 2012)
 University Center – 900+
 Tarleton State University 750+
 Texas Tech 100+
 TSTC – 4,976 (Fall 2011)
 Hill – 4,429 (Fall 2011)

2011 High School Graduates Enrolled in Texas Higher Education

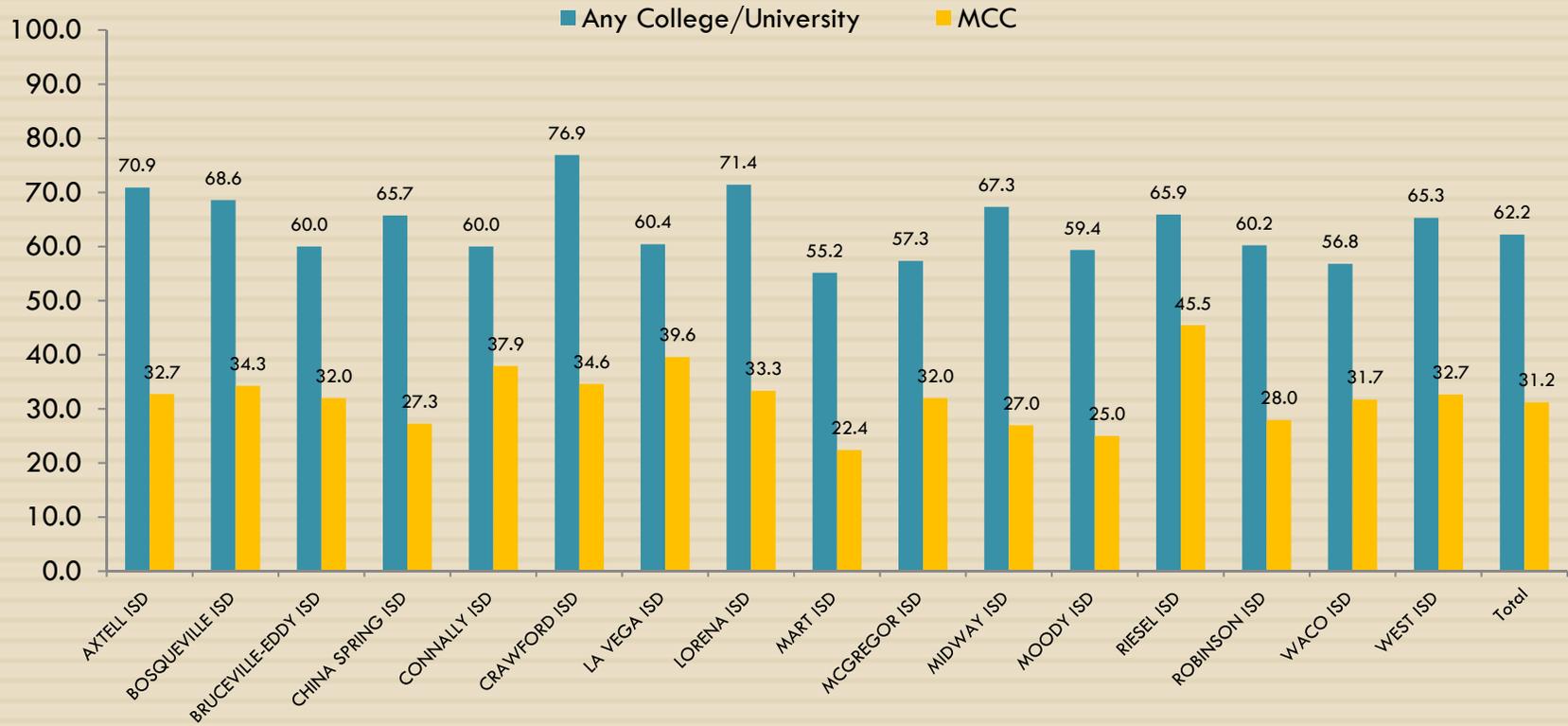
Percent Enrolled in Fall 2011



Source: U.S. Census Bureau – 2009 Estimates

Percentage of Recent High School Graduates Attending College or University

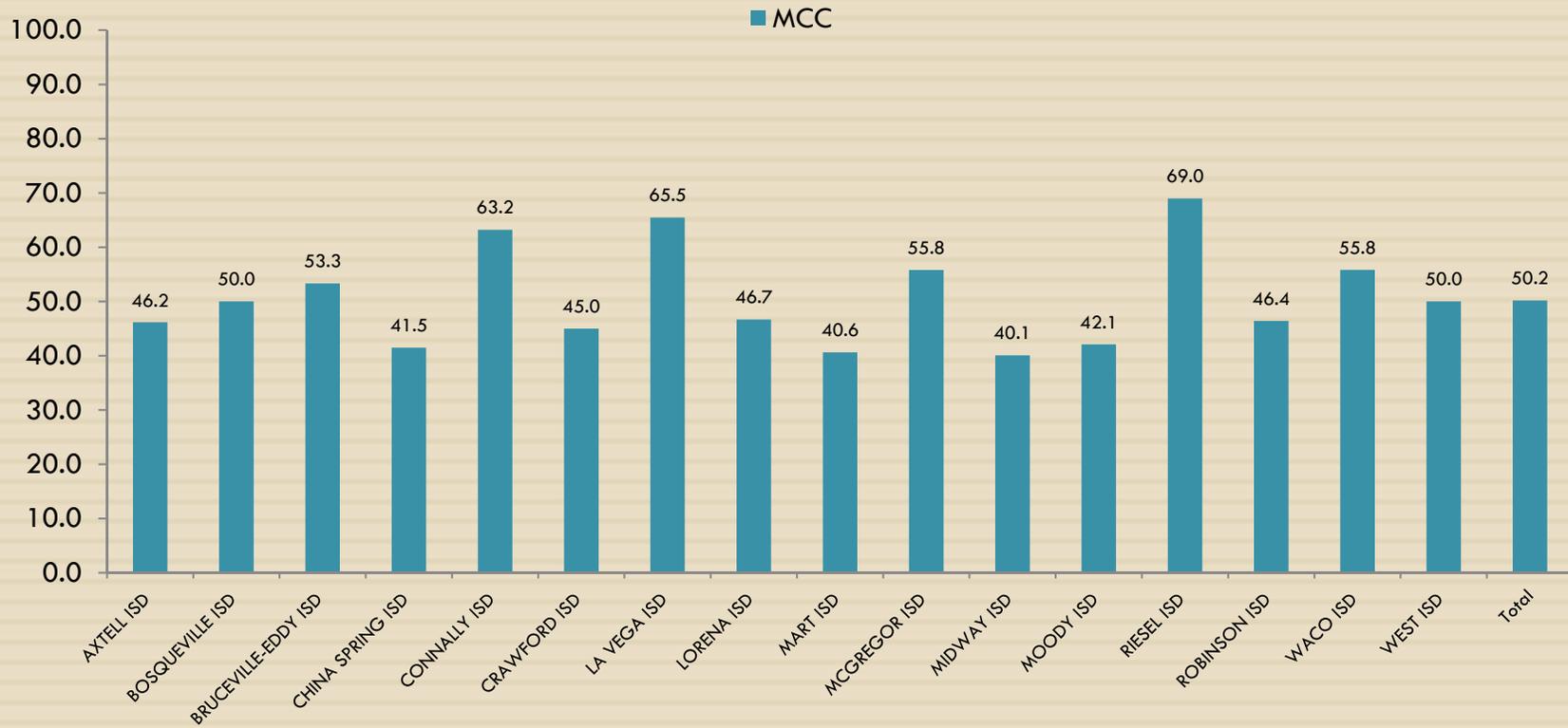
Percent of 2010 HS Graduates Enrolled at a College/University During the Fall 2011 Semester



Source: Texas Higher Education Coordinating Board

Percentage of College Going High School Graduates Attending MCC

Percent of 2011 HS Graduates Enrolled at McLennan Community College During the Fall 2011 Semester



Source: Texas Higher Education Coordinating Board

Waco ISD

College Going Graduates - 2011

Institution	# of Graduates	% of Graduates
McLennan Community College	235	32%
Texas State Technical College (Waco)	57	8%
Navarro College	15	2%
Texas A&M University	9	1%
Texas State University	9	1%
Baylor University	8	1%
Not Found	320	43%
Total	741	

Midway ISD

College Going Graduates -2010

Institution	# of Graduates	% of Graduates
McLennan Community College	133	27%
Baylor University	50	10%
Texas A&M University	23	5%
Texas State Technical College	20	4%
Blinn college	12	2%
Texas Tech University	10	2%
Not Found	161	33%
Total	493	

Percentage of Recent High School Graduates Attending McLennan Community College Needing Remedial Course Work

Percent of Students Enrolled in One or More Developmental Courses – Fall 2011



Source: MCC Data Warehouse

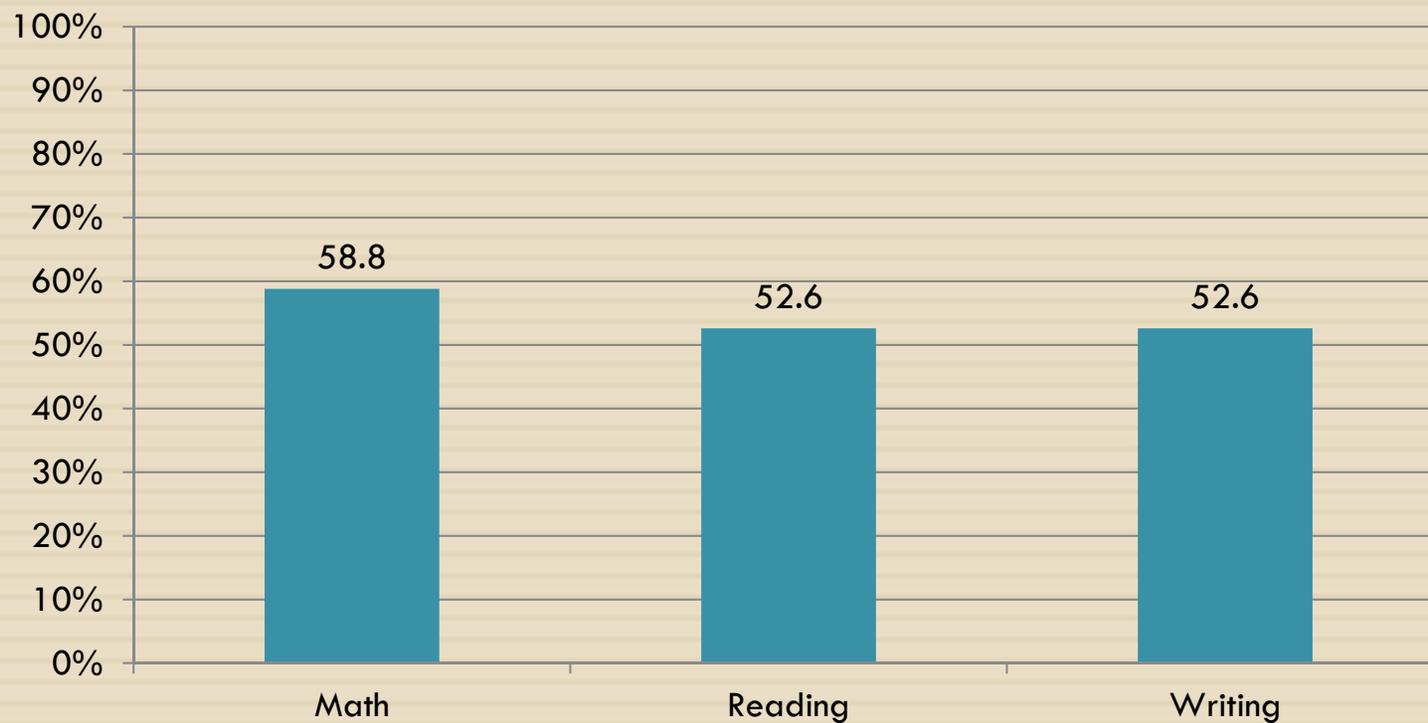
Percentage of Recent High School Graduates Attending McLennan Community College Needing Remedial Course Work by School

Percentage of Students Enrolling in at Least One Developmental Course – Fall 2011



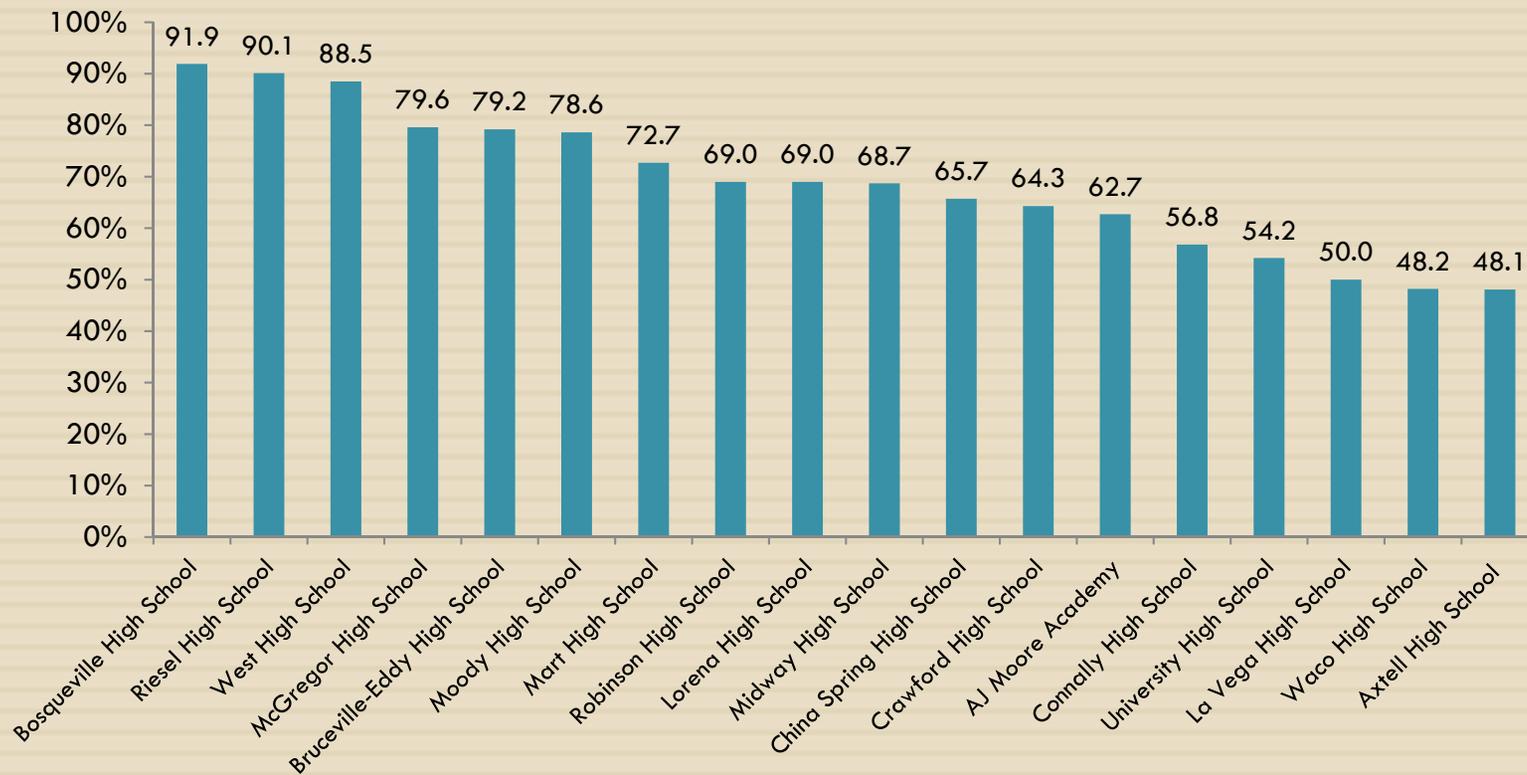
Percentage of Recent High School Graduates Attending McLennan Community College Needing Remedial Course by Type of Remedial Need

Percent of Students Enrolled in Developmental Courses by Type of Remedial Need

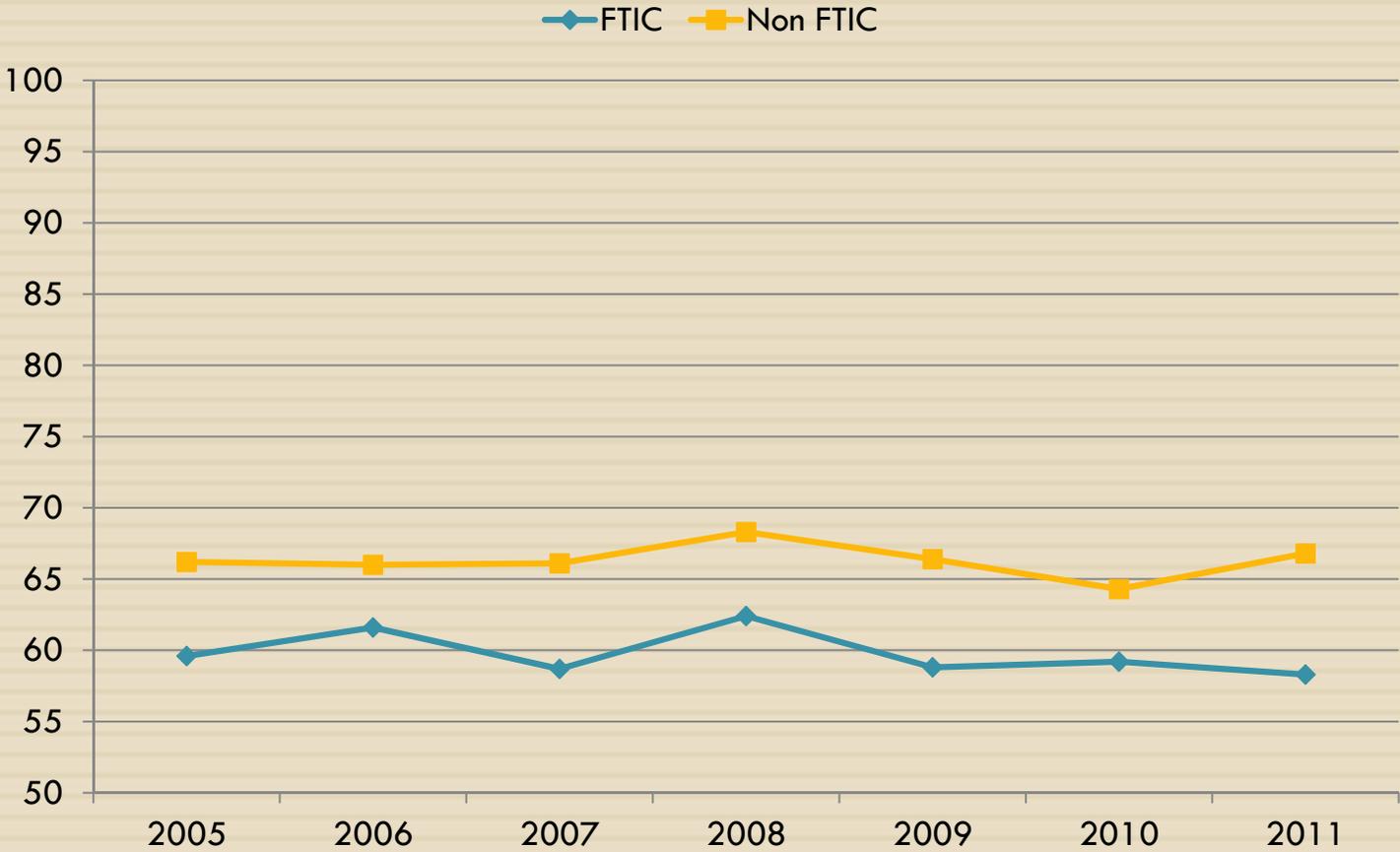


Successful Pass Rate of Recent High School Graduates Attending McLennan Community College

Success Rate (A, B, Cs) – Fall 2011



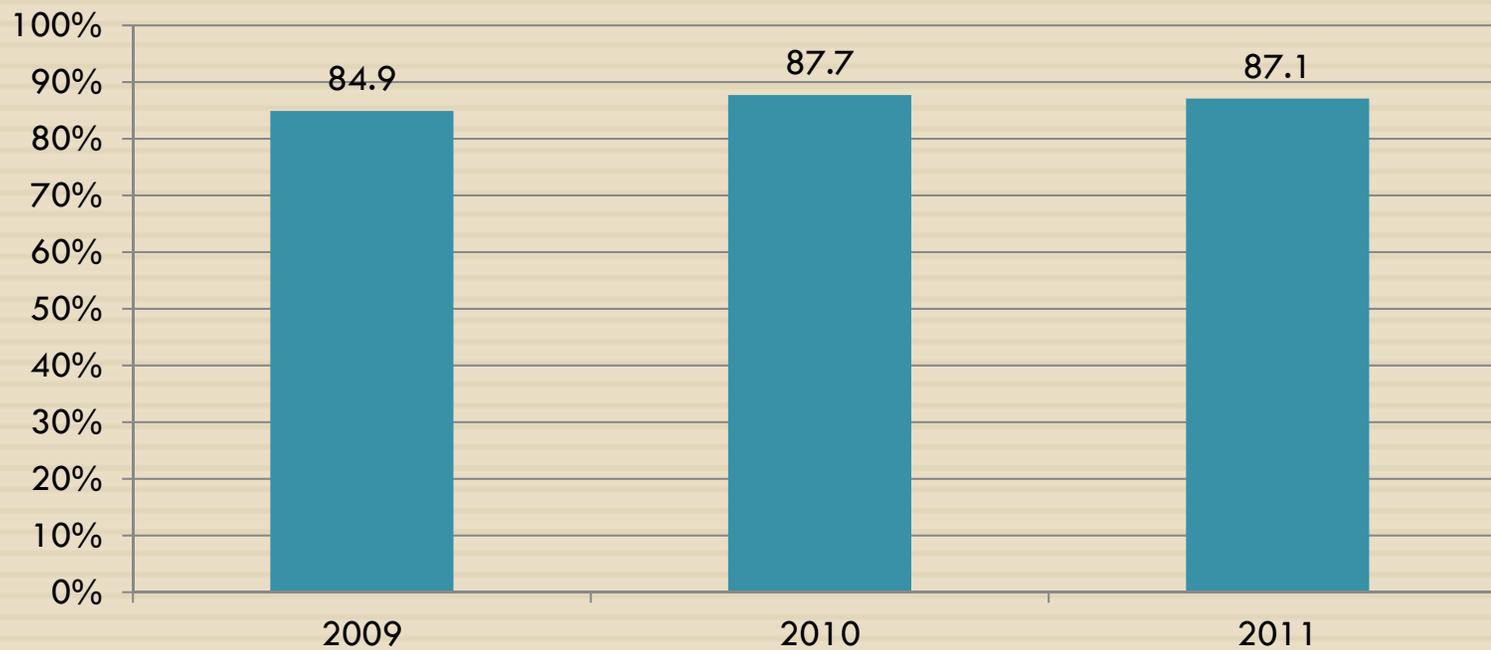
Successful Course Completion Rate for First-Time-In-College Students



Source: MCC Data Warehouse

Fall-to-Spring Retention Rate of Local-Area High School Graduates Attending MCC from 2009-2011

Percent of Students Attending the Fall and Returning the Following Spring

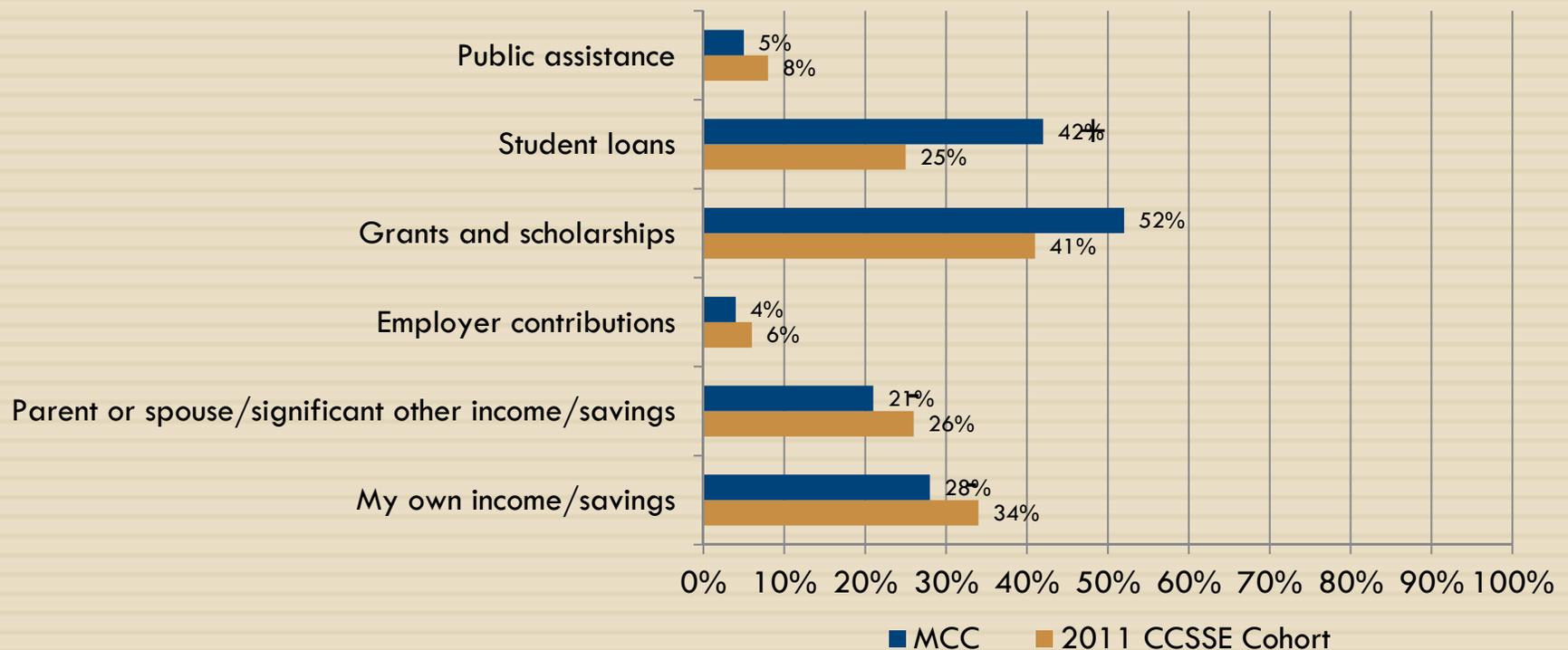


Student Respondent Profile: Funding Sources for Tuition

44

Which of the following are sources you use to pay your tuition at this college?

Percent indicating item represents a major source



Source: 2011 CCSSE data

+ Substantially above 2009 result
- Substantially below 2009 result

Conclusions

- McLennan County Accounts for Two-Thirds of the Population in HOTCOG
- Demographic Variation by County
- Low Median Income
 - All HOTCOG counties have median household incomes below the State average
- Poverty
 - Falls and McLennan County have the highest poverty rates
 - Waco's poverty rate is nearly twice as high as the State average
 - The median household income among Waco residents (\$31,288) is nearly \$20,000 less than the State average
- Low Educational Attainment of Bachelor Degree Relative to the State
- Performance Gap Between Reading and Math:
 - There is a performance gap between reading and math across all grade levels except Grade 5 with the percentage of Grade 9 students meeting math standards greater than 20% below the percentage meeting reading standards

Conclusions

- Decline in Math skills by Grade 9:
 - ▣ The lowest percentage of students meeting the math standard occurred in Grade 9 and represented a 25% decline from Grade 5

- Mismatch Between Percent Meeting Standard and Percent Prepared for College:
 - ▣ 84% of students met the Grade 11 standard for all sections but only 51% of graduates [who attend college] are typically prepared for college level work in all academic areas

- Under Prepared Students in Mathematics:
 - ▣ Nearly 60% of recent high school graduates enrolling in remedial course work at MCC enroll in a remedial math course

Conclusions

□ Variation Across School Districts:

- The percent of students who met the Grade 11 TAKS standard in all sections ranged from 98% to 55% across districts
- The percent of graduates requiring remedial course work upon enrollment at MCC ranged from 71% to 11%

□ Successes:

- Over 80% of HS students are meeting the TAKS standard
- McLennan County College-Going Rate of 62% is well above Statewide average of 52%
- 50% of all local area college going high school graduates (McLennan County) attend McLennan Community College
- HS Graduates are retained at a higher rate than the average student

Conclusions

- New STAAR Assessment May Reduce Percent of Student Requiring Remediation at the College Level
- Rising Cost of College Tuition and Reductions in Federal Financial Aid will be a Key Challenge