
What Every Student Should Know

DOYLE FUCHS

TEXAS WORKFORCE COMMISSION

LABOR MARKET & CAREER INFORMATION

TWC's Labor Market & Career Information

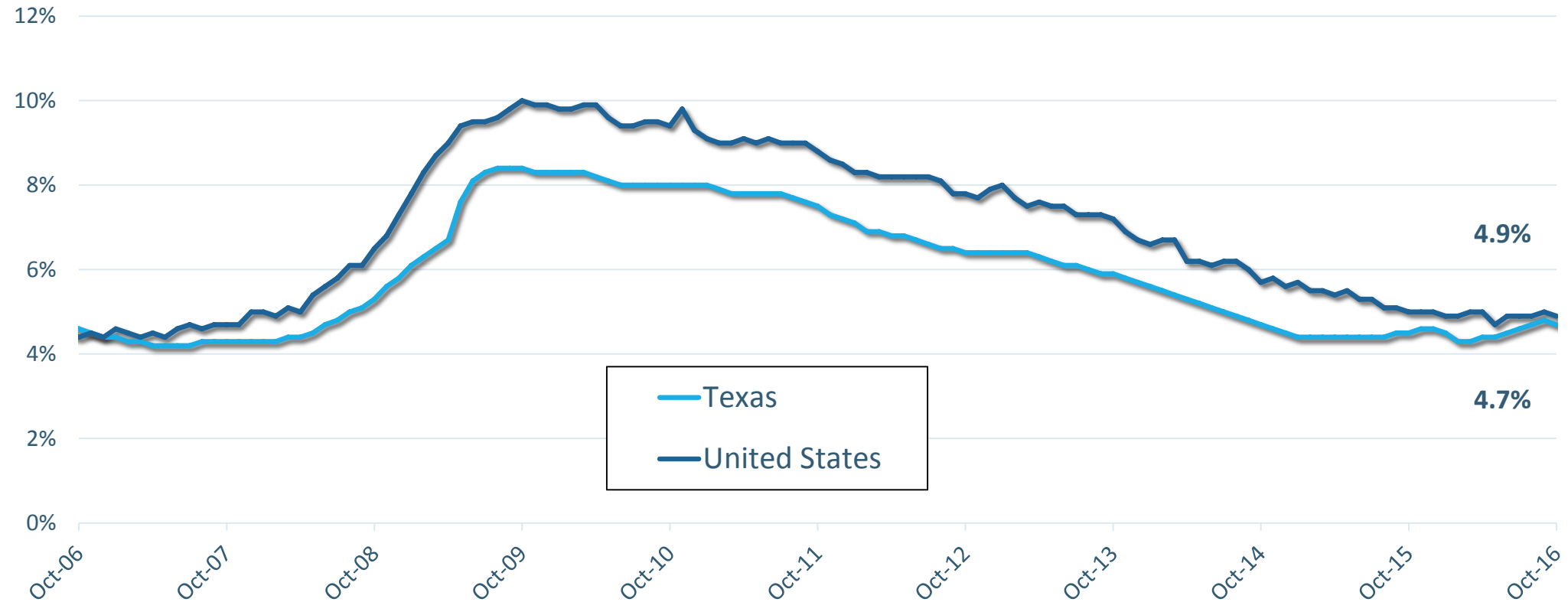
- Produces and disseminates labor market statistics
- Provides resources for education and career exploration

Career & Education Questions TWC Can Help Answer

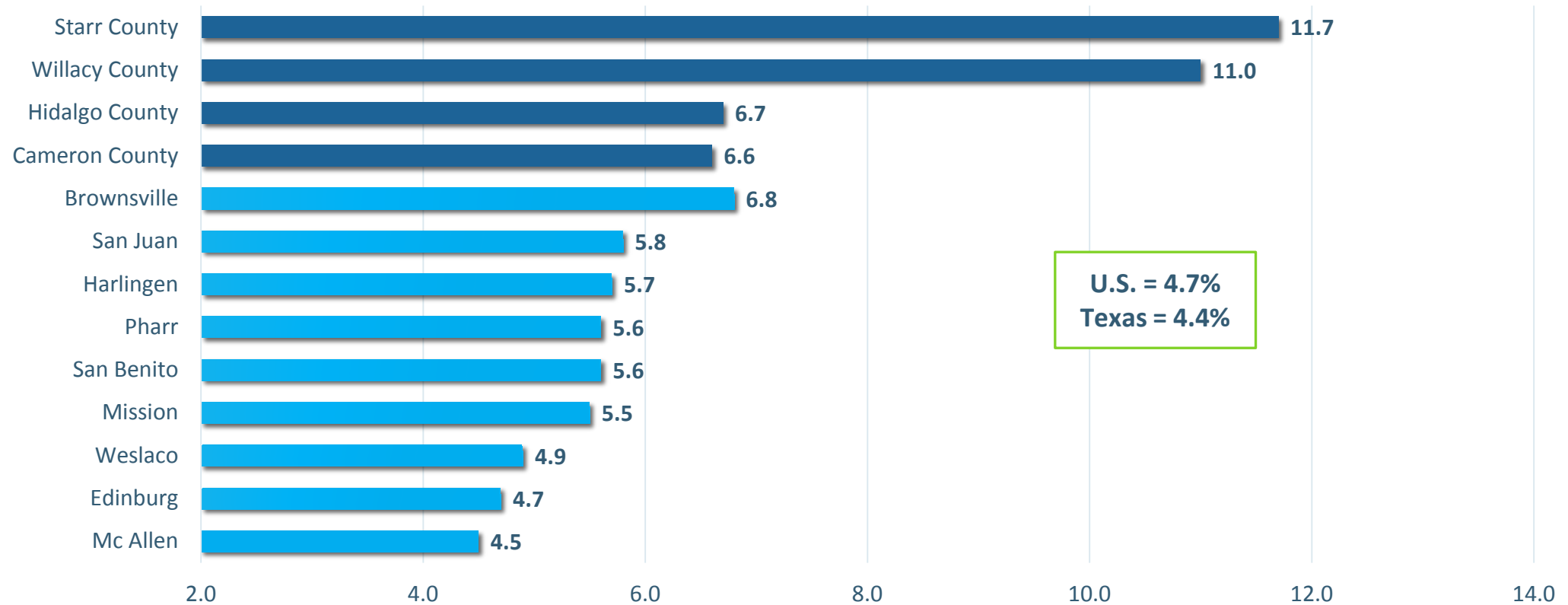
- What do you want to do?
- What's the market?
- Where are the jobs?

Unemployment Rates – U.S. and Texas

Seasonally Adjusted, October 2006 - Current

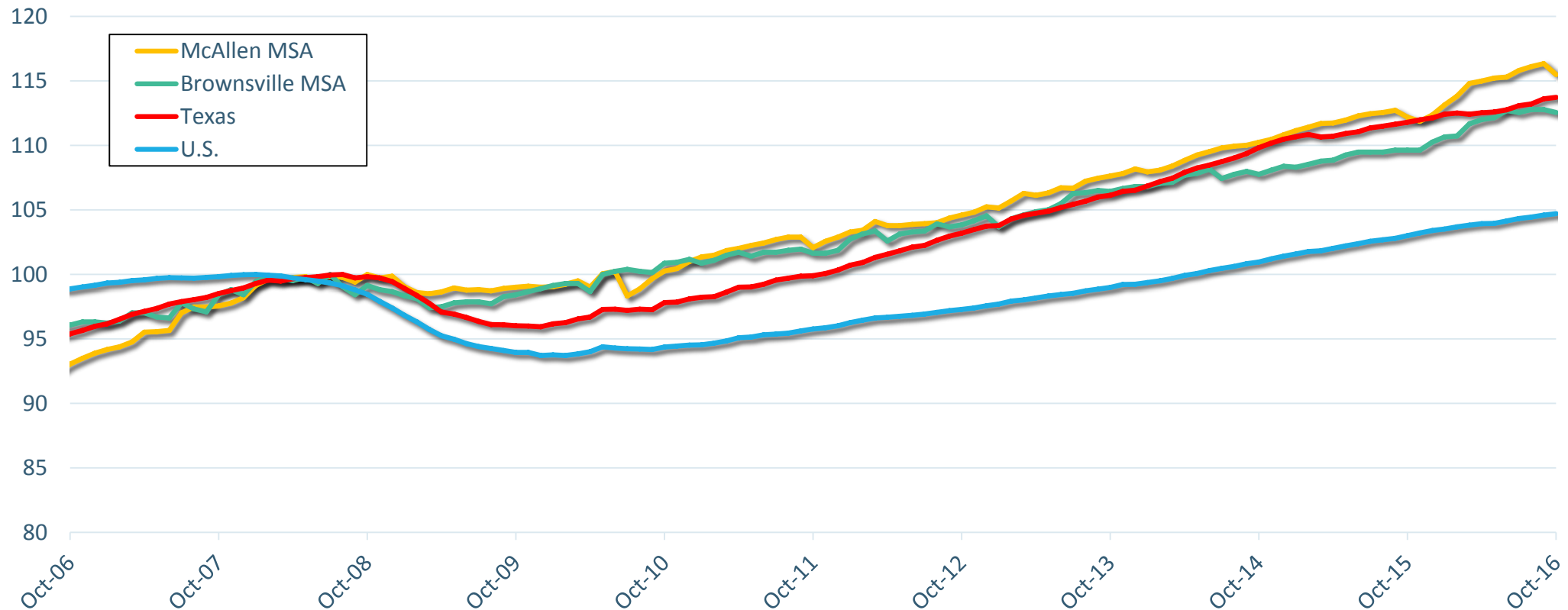


Rio Grande Valley Area Counties and Cities Not Seasonally Adjusted, October 2016 Unemployment Rates



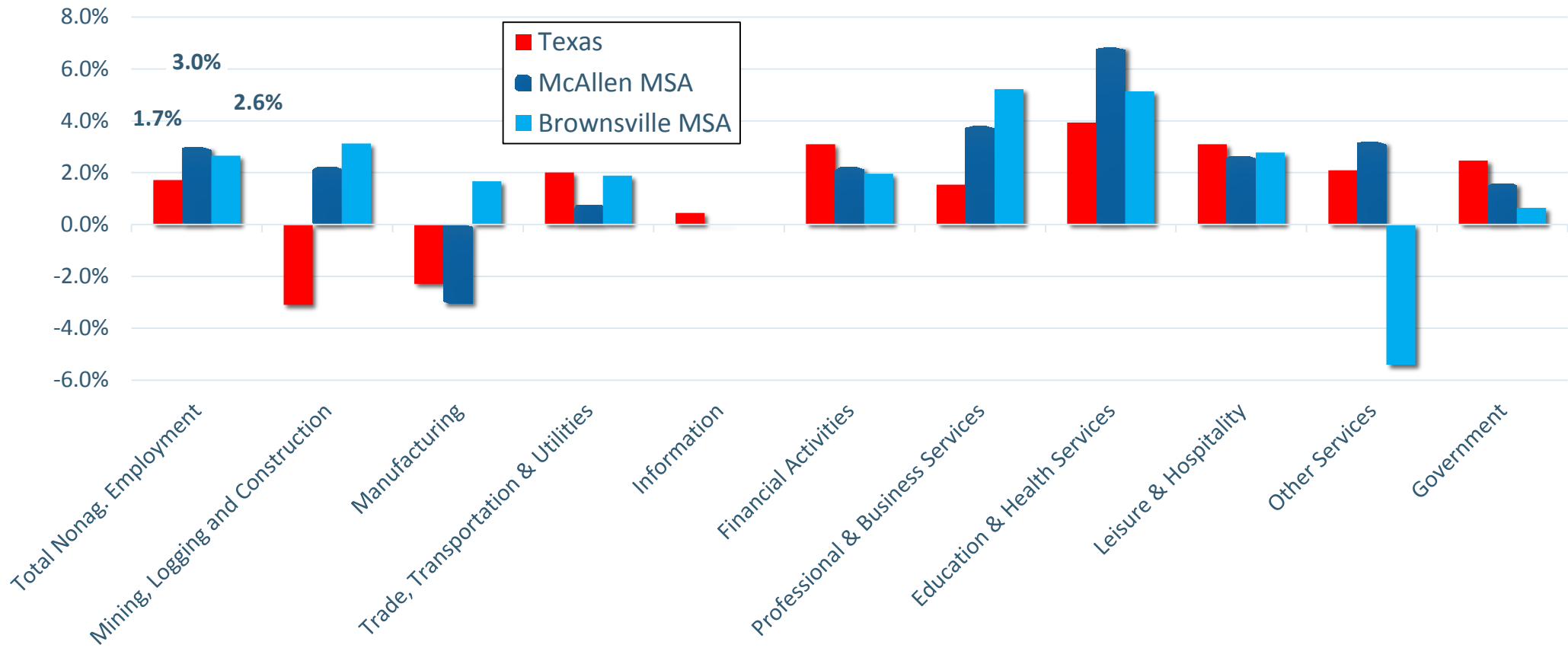
Employment Recovery from Economic Downturn

Seasonally Adjusted, Indexed to Pre-Downturn Peaks

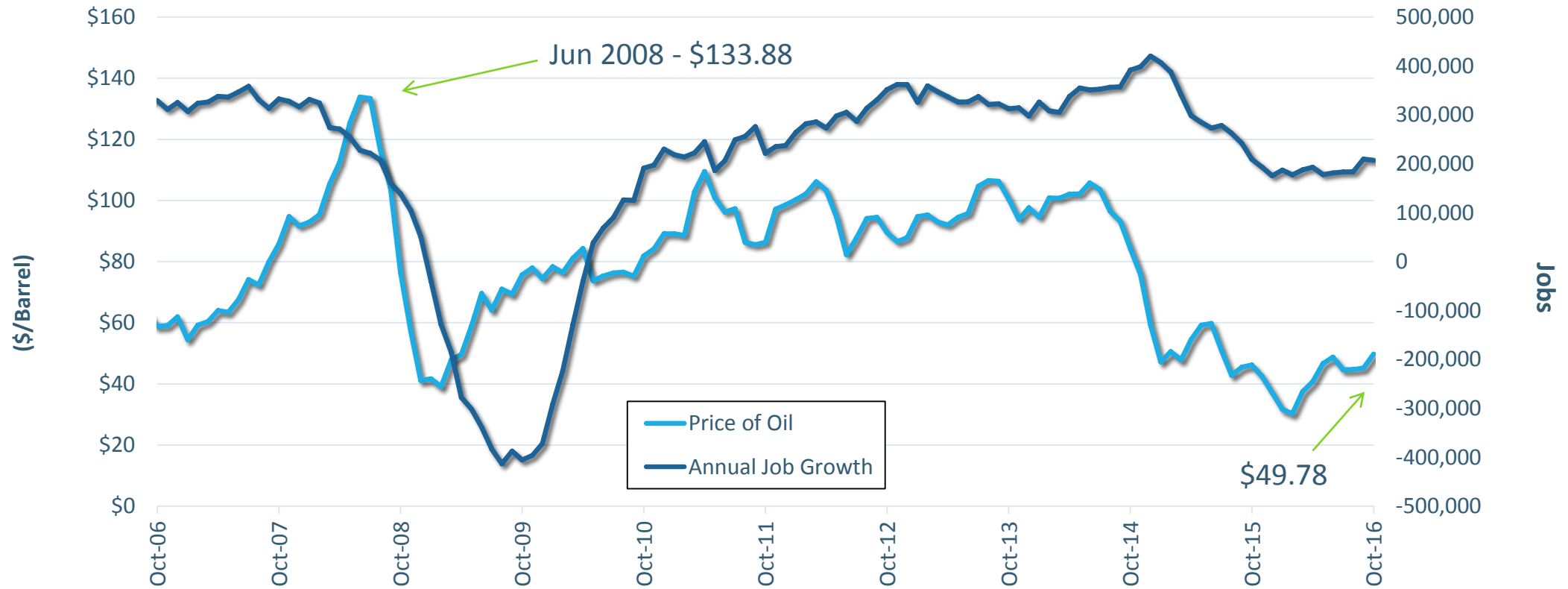


Annual Growth Rate

Not Seasonally Adjusted, October 2016 Texas, McAllen and Brownsville MSAs



WTI vs. Texas Annual Job Growth Seasonally Adjusted



THEN - 1990

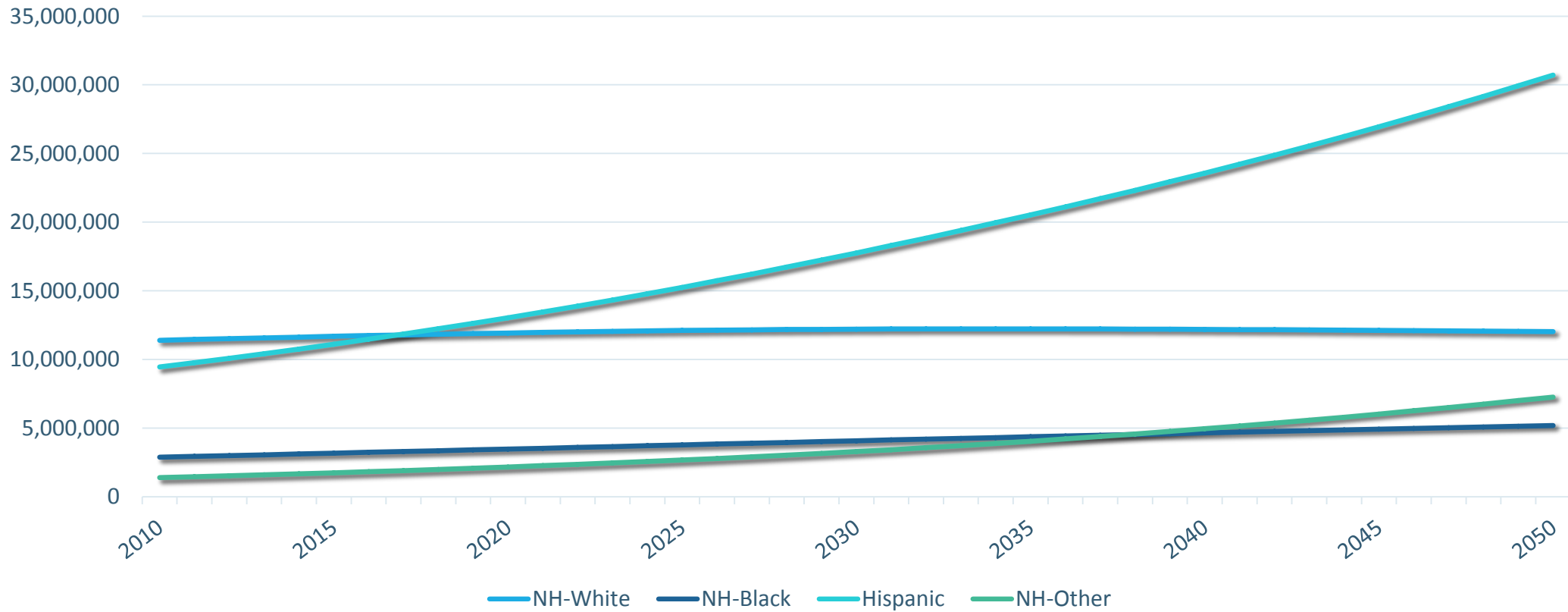
- Texas Population – 16,986,510
- Civilian Labor Force – 8,618,927
- Unemployment – 6.3%
- Top 3 Industries – Number of Jobs
 1. Manufacturing
 2. Retail Trade
 3. Professional and Business Services

NOW - 2015

- Texas Population – 25,145,561
- Civilian Labor Force – 13,078,304
- Unemployment – 4.5%
- Top 3 Industries – Number of Jobs
 1. Professional and Business Services
 2. Health Care and Social Assistance
 3. Retail Trade

Projected Racial and Ethnic Percent

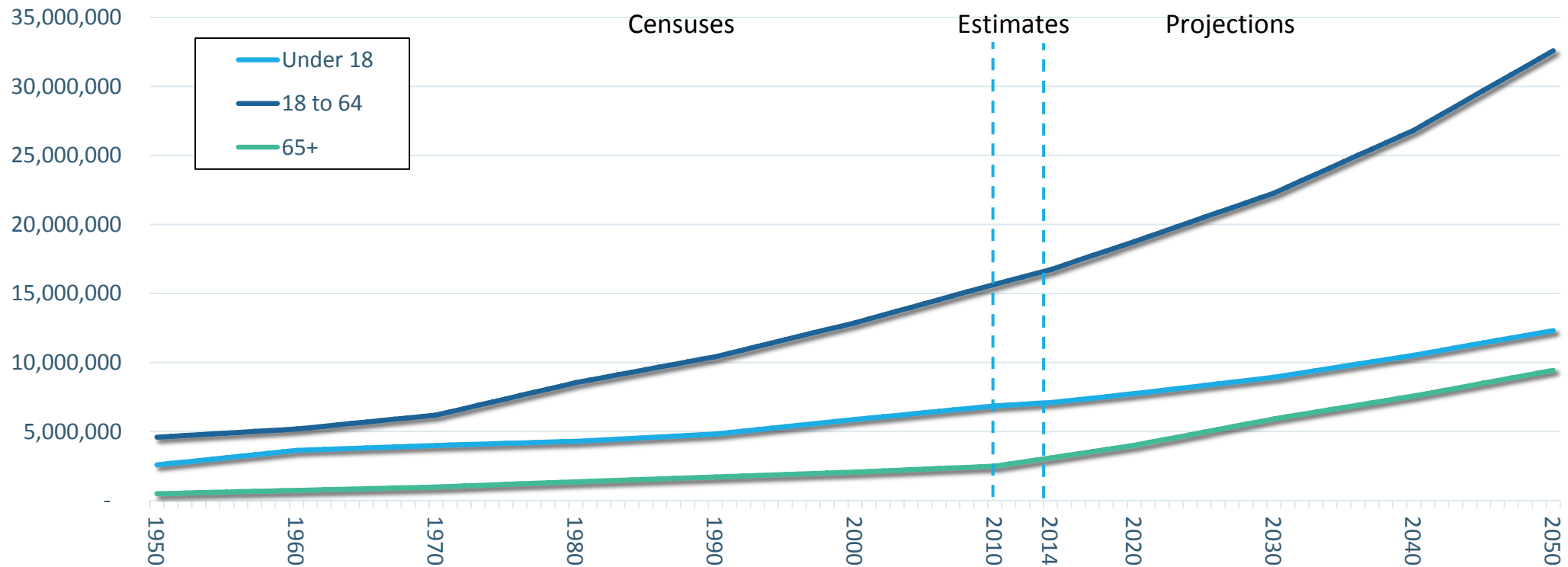
Texas: 2010-2050



Source: Texas State Data Center 2012 Population Projections , 2000-2010 Migration Scenario

Population Change by Age Group

Texas: 1950-2050



Source: US Census Bureau, 1950-2010 Censuses
US Census Bureau, State Population Estimates
Texas State Data Center, 2014 Population Projections, 1.0 Migration Scenario

Career Interests of Texas Students, 2015

1. Web / Game Designer
2. Sports Athlete
3. Registered Nurse
4. Doctor
5. High School Teacher
6. Forensic Science Tech
7. Architect
8. Chief Executive Officer
9. Lawyer
10. Veterinarian

HWOL Top 10 Demand Jobs

Lower Rio Grande Valley, 2015 OES Wages

Occupation	Jobs Posted	Entry Wages	Experienced Wages
Registered Nurses	329	\$50,218	\$73,771
Heavy and Tractor-Trailer Truck Drivers	289	\$22,116	\$36,474
Retail Salespersons	203	\$17,054	\$25,223
Supervisors of Retail Sales Workers	197	\$24,340	\$50,644
Customer Service Representatives	114	\$17,720	\$28,580
Light Truck or Delivery Services Drivers	75	\$17,117	\$26,107
Supervisors of Food Preparation and Serving Workers	71	\$21,149	\$38,270
Office Clerks, General	71	\$17,261	\$29,881
Supervisors of Office and Administrative Support Workers	65	\$29,435	\$54,200
Nursing Assistants	59	\$16,982	\$21,369

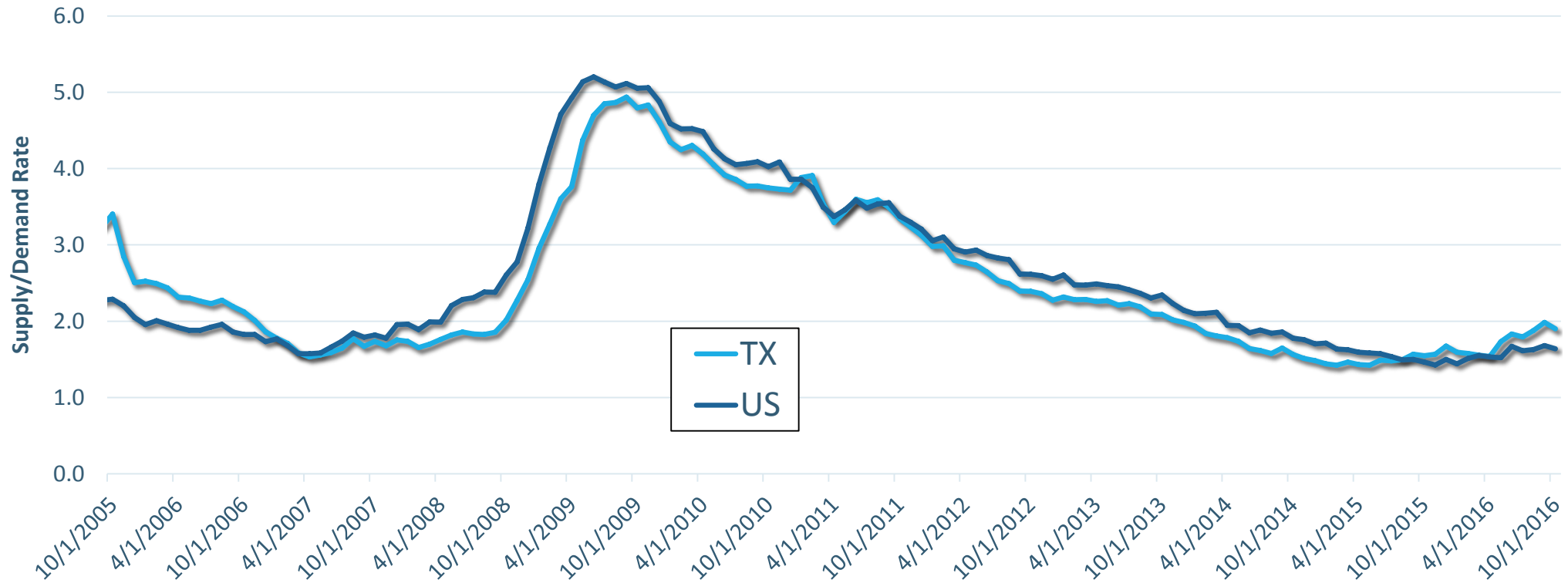
Source: Help Wanted Analytics (Sep 14th-Oct 13th 2016), TWC-BLS Wages

HWOL Top 10 Combined Rio Grande Valley Area Employers by Job Listing

Employer	Listings
West Suburban Medical Center	252
Rio Grande Regional Hospital	150
The Hospitals of Providence	147
HCA - The Healthcare Company	135
The University of Texas System	119
JCPenney	106
EDINBURG CISD	70
UPS	53
Valley Regional Medical Center	52
CVS Health	52

Source: Help Wanted Analytics (Sep 14th-Oct 13th 2016), TWC-BLS Wages

Supply/Demand Rate Texas vs. U.S.

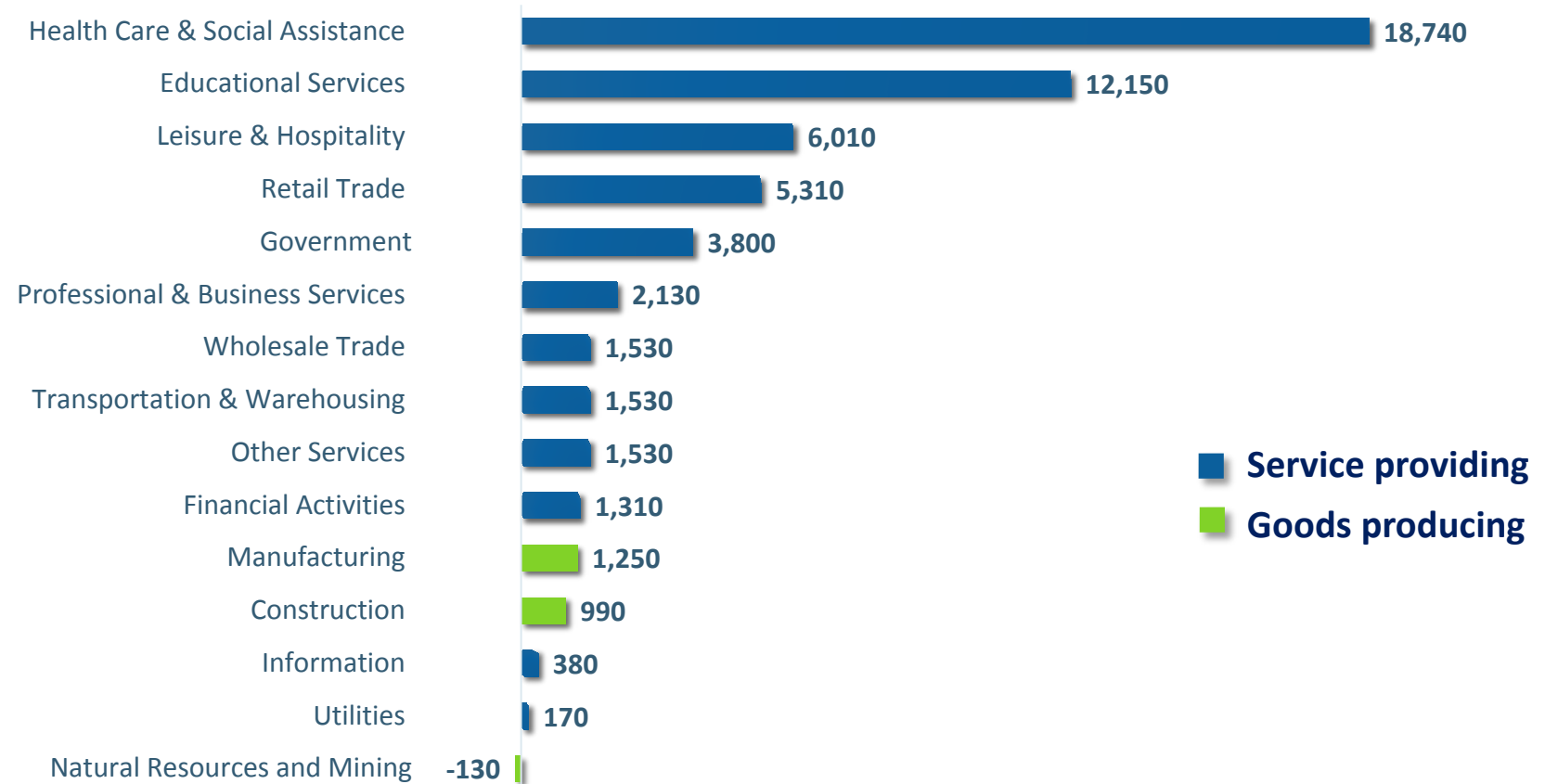


Source: The Conference Board, BLS

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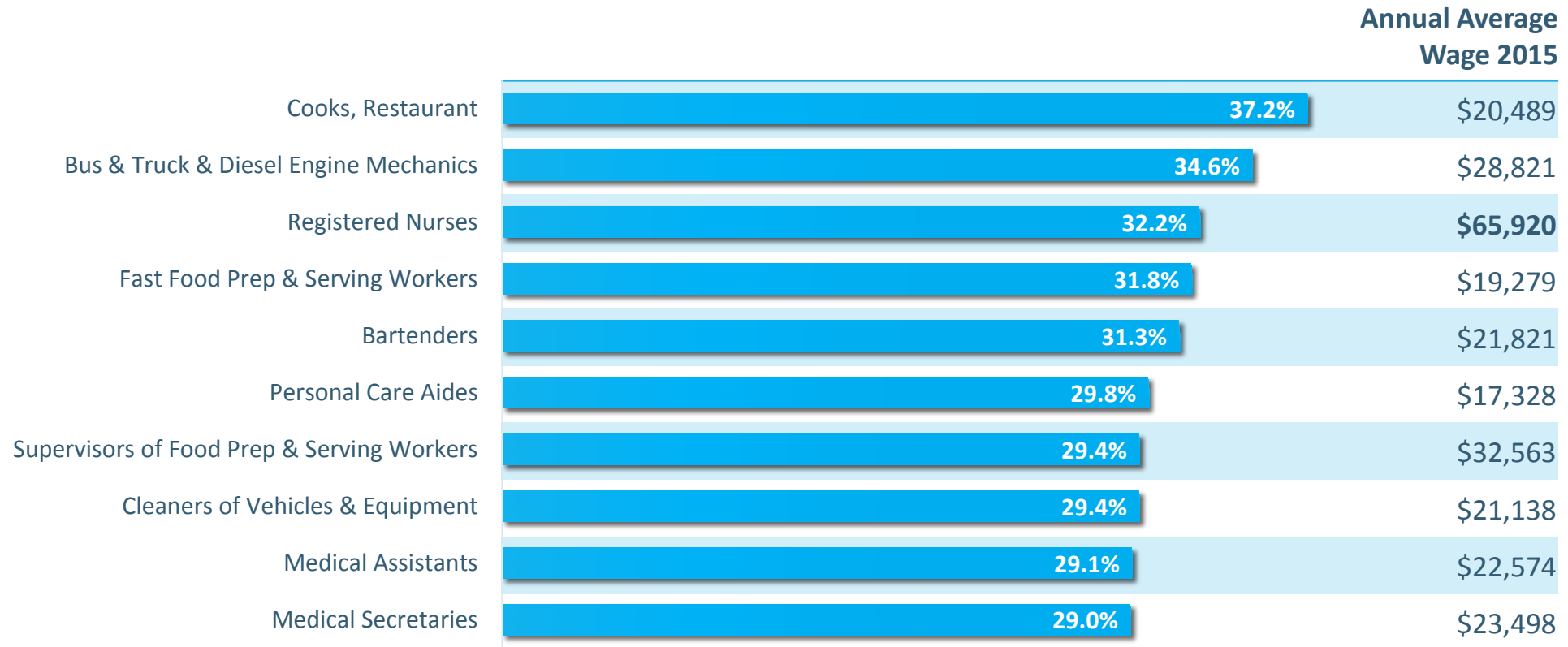
Employment Change by Industry Sector

Lower Rio Grande Valley WDA: 2014-2024



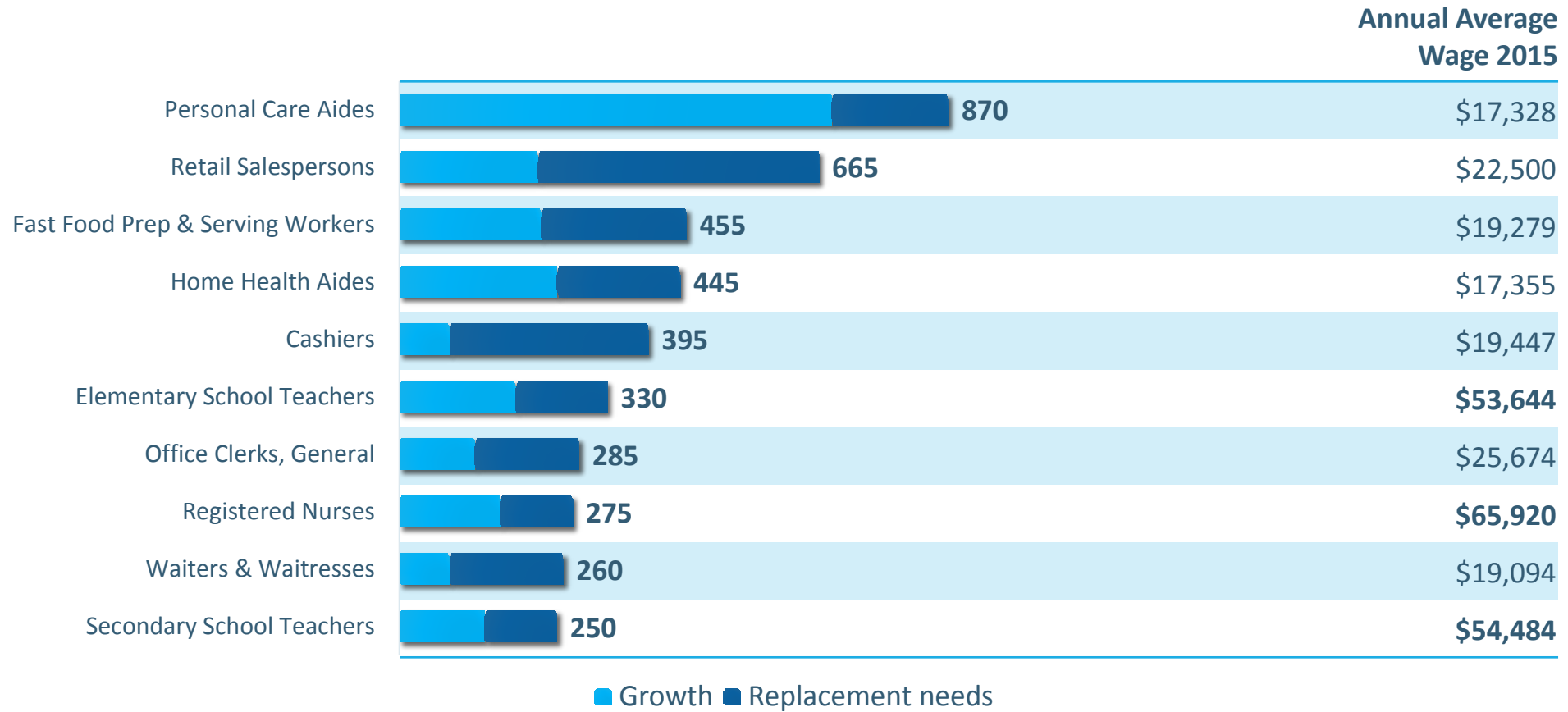
Fastest Growing Occupations

Lower Rio Grande Valley WDA: 2014-2024



*Fastest growing occupations with employment greater than or equal to 500 in 2014

Texas Most Projected Annual Average Job Openings Lower Rio Grande Valley WDA: 2014-2024



More Education = More Money

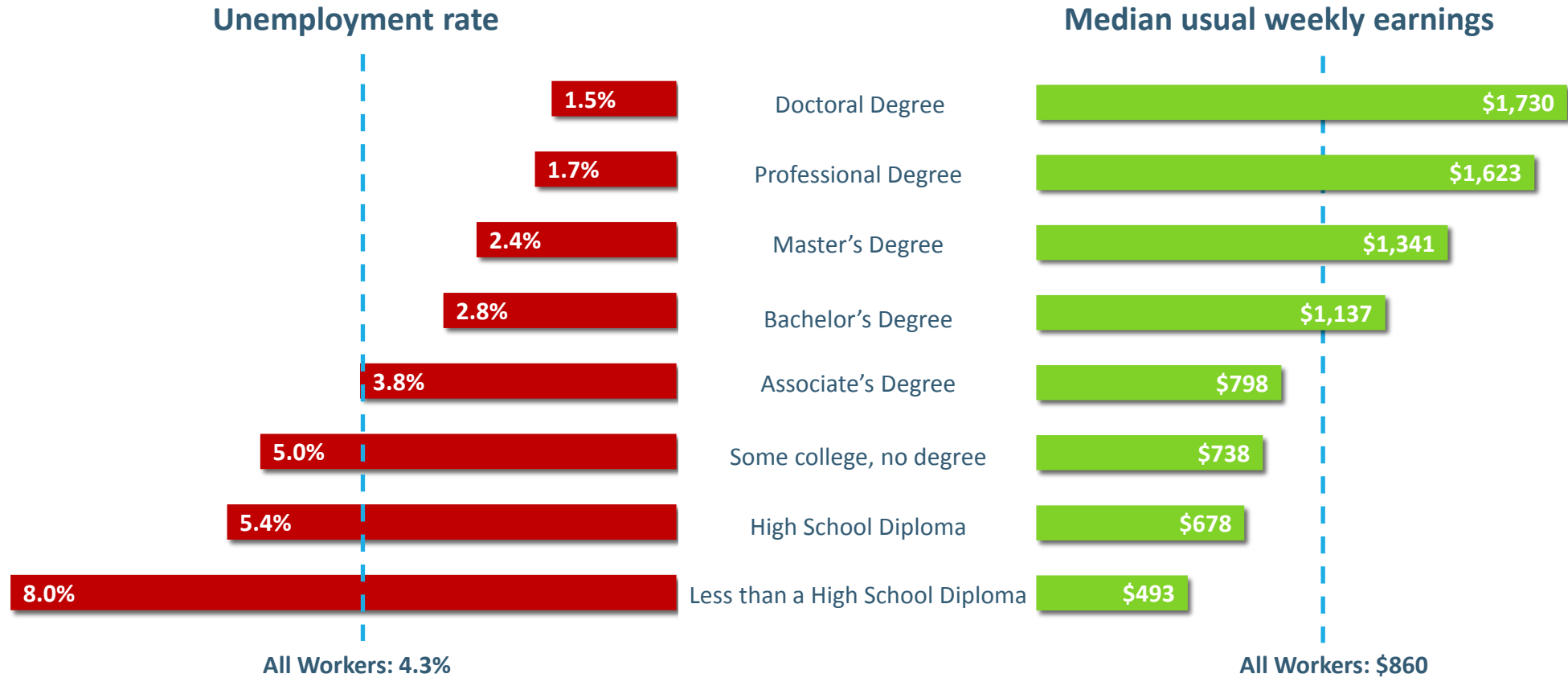
94 of the 100 top-paying jobs in Texas (making \$88,000+) require post-secondary education for entry

And

180 of the top 200 (\$66,000)

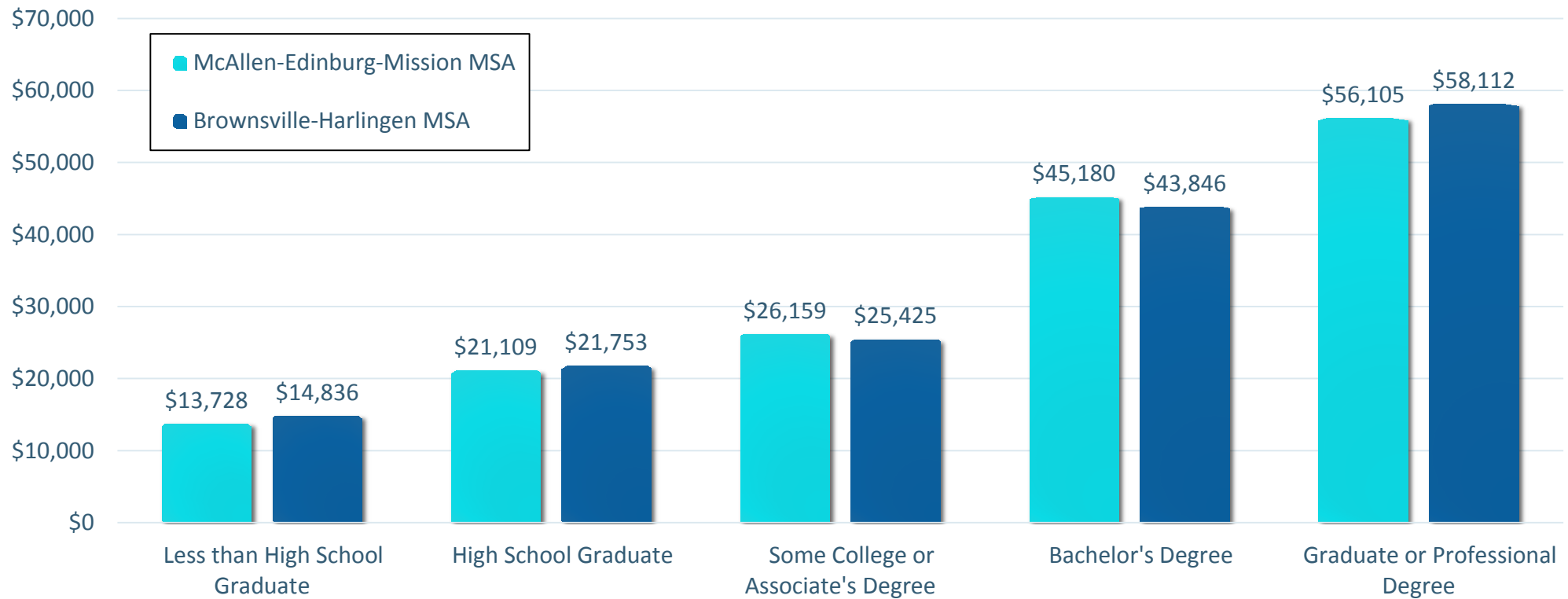
More Education = Better Labor Market Outcomes

Earnings and U-Rates by educational attainment, 2015



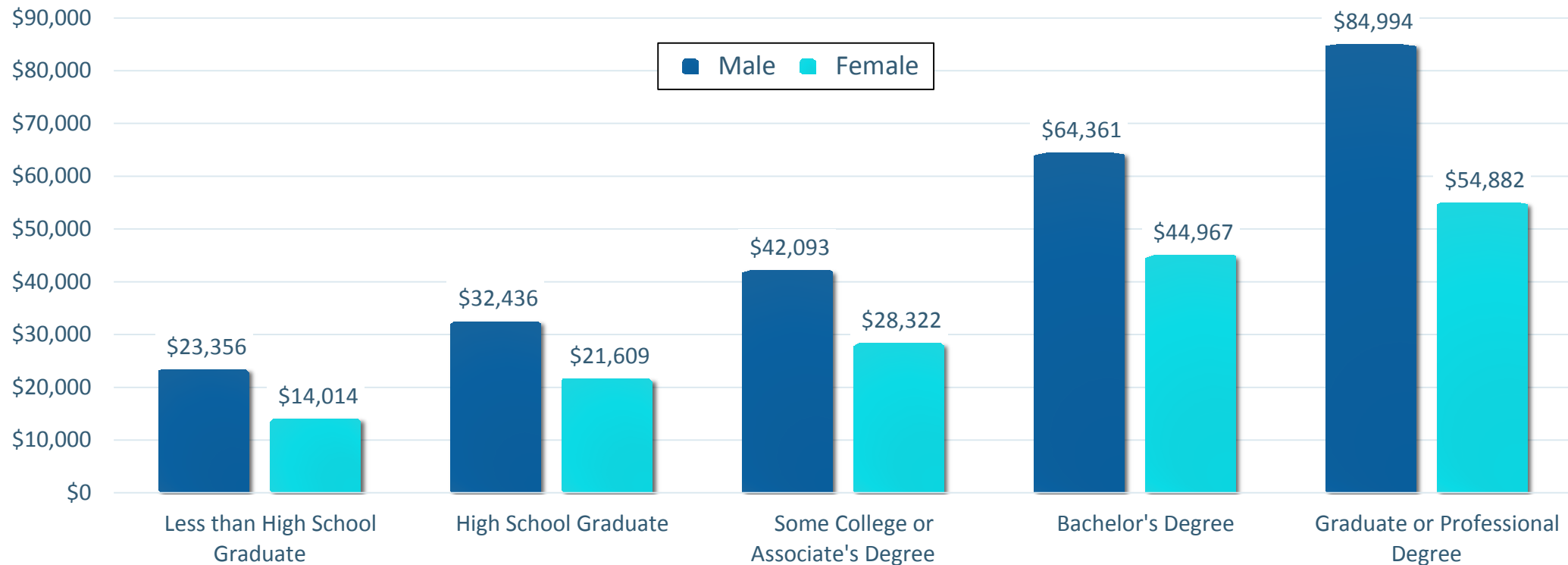
Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.
 Source: U.S. Bureau of Labor Statistics, Current Population Survey

Median Earnings by Award Level McAllen and Brownsville MSAs



Source: 2010-2014 American Community Survey 5-Year Estimates, U.S. Census Bureau

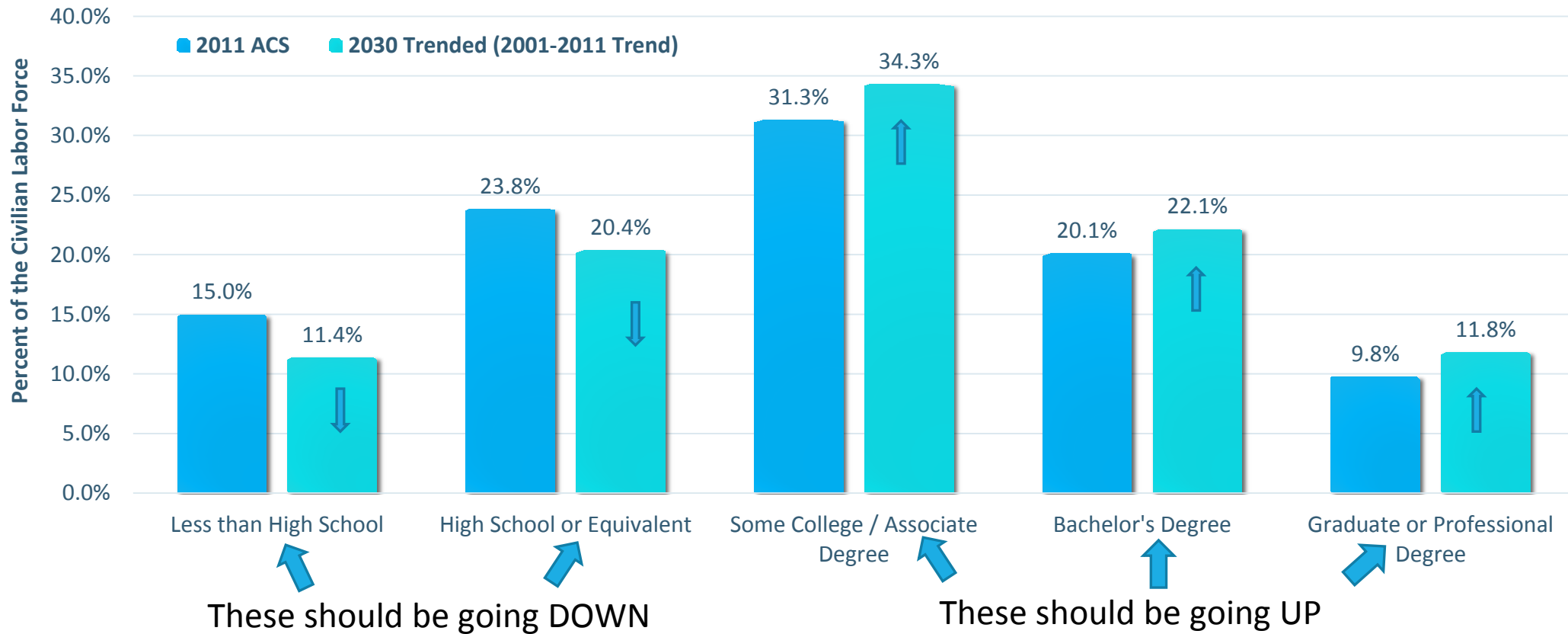
Median Earnings by Award Level and by Gender Texas



Source: 2010-2014 American Community Survey 5-Year Estimates, U.S. Census Bureau

Percent of CLF by Educational Attainment: 2011-2030

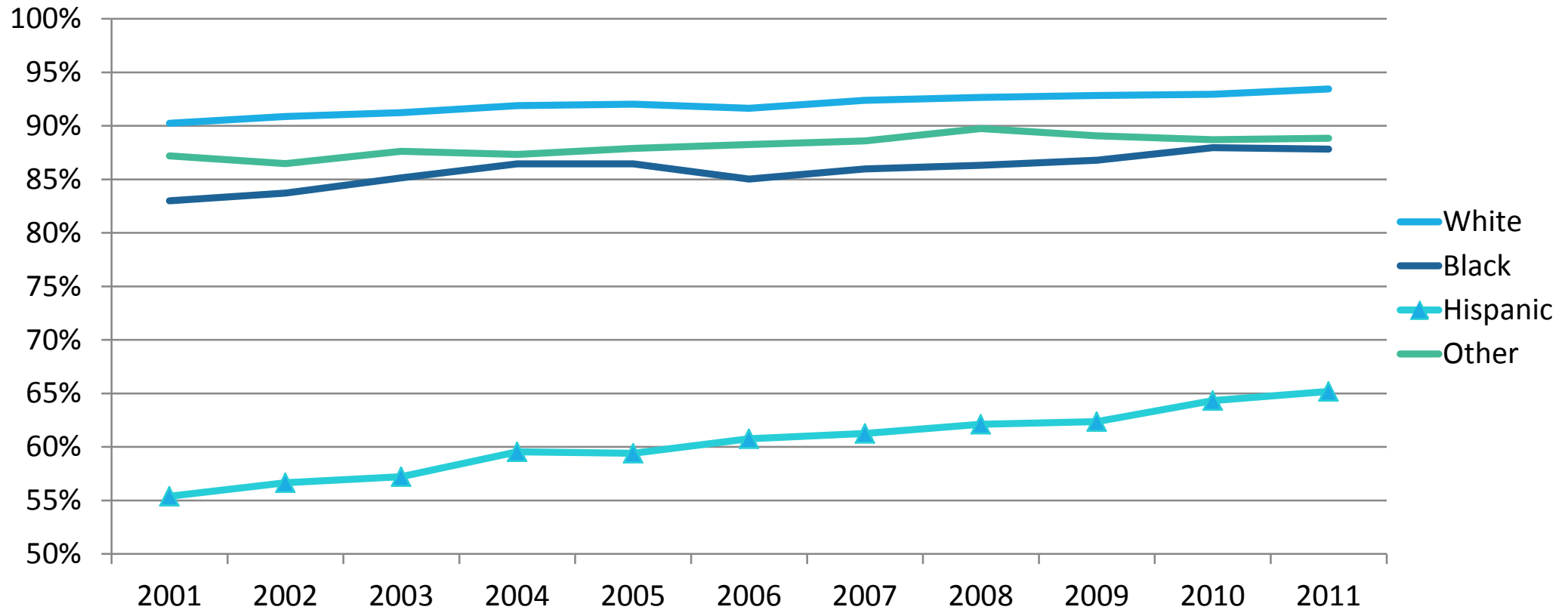
Texas: Trended Rates (ages 25-64)



Sources: U.S. Census Bureau, American Community Survey, 1-Year PUMS. Texas State Data Center, 2012 Vintage Population Projections, 0.5 Migration Scenario

Educational Attainment by Race & Ethnicity

Texas: High School Graduates and Above (ages 25-64)



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

Largest Postsecondary Non-Degree Occupations Lower Rio Grande Valley WDA: 2014-2024

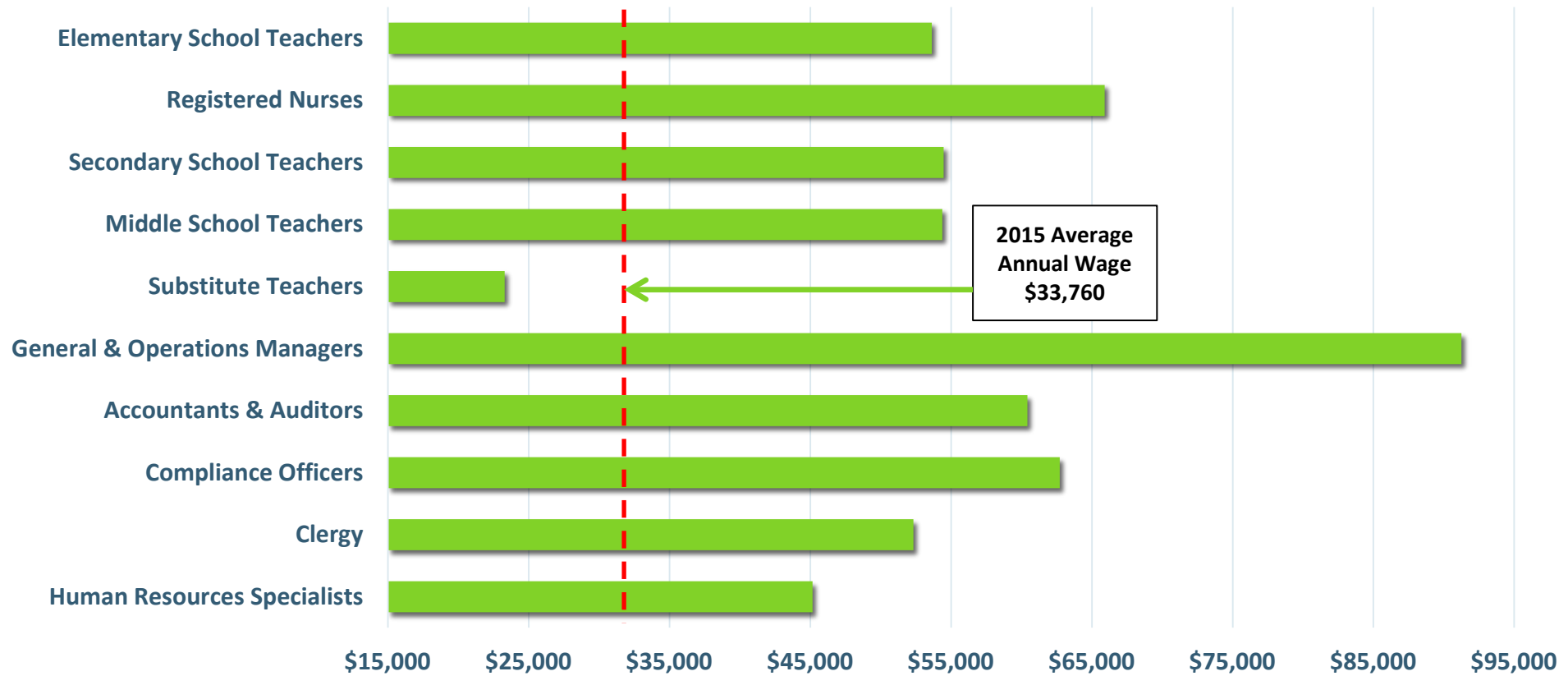


Largest Associate's Degree Occupations Lower Rio Grande Valley WDA: 2014-2024



Largest Bachelor's Degree Occupations

Lower Rio Grande Valley WDA: 2014-2024

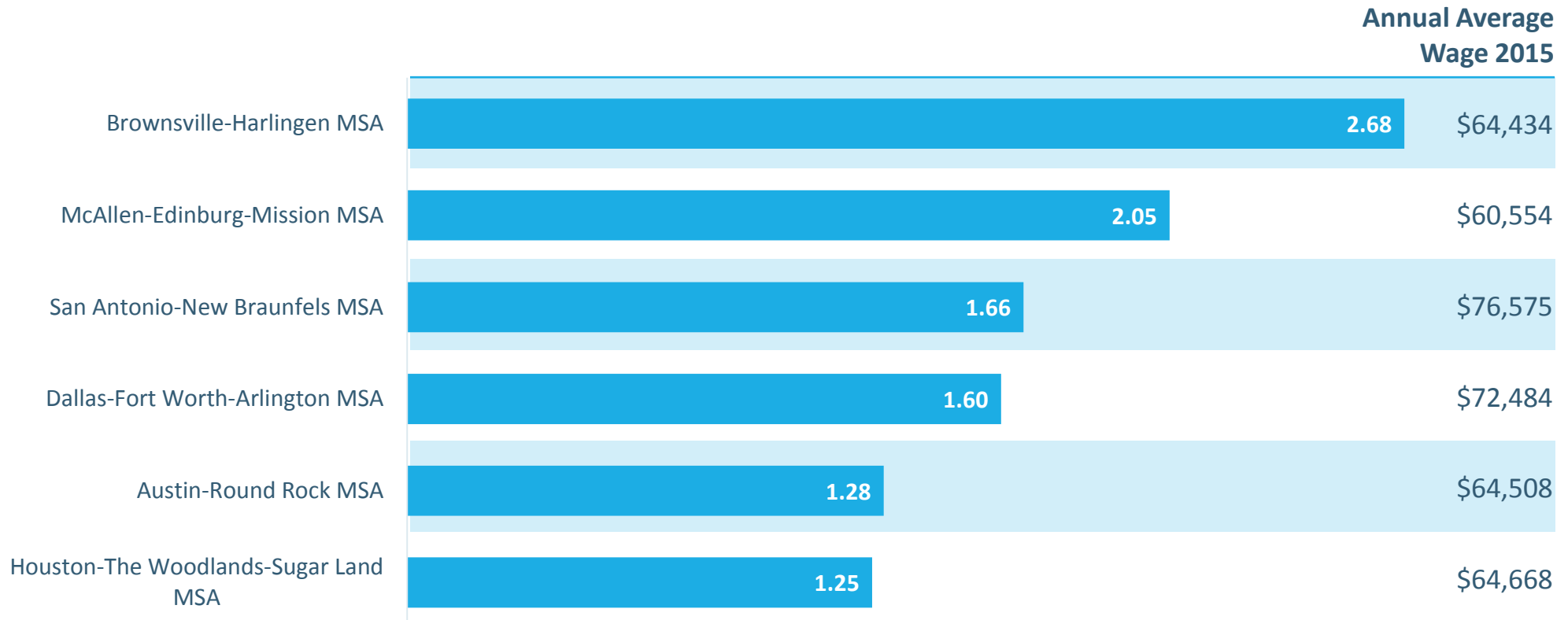


Labor Market Reality



End the Brain Drain

Wage Differentials for Physical Therapist Assistants



What Employers Want

1. Specific Skills
2. Educational Attainment
3. Relevant Work Experience
4. Soft Skills and Social Competency

Soft Skills & Social Competency

- Communications skills
- Critical thinking skills
- Creative problem solving
- Positive & pleasant attitude
- Teamwork – Get along with others
- Follow directions
- Able to focus

Key Web-Based Tools

Texas Career Check (www.TexasCareerCheck.com)

- ❖ Assess interests; explore job and education options

Reality Check (www.texasrealitycheck.com)

- ❖ Evaluate the cost of lifestyle choices; check out jobs and education requirements to support those choices

AutoCoder (<http://autocoder.lmci.state.tx.us>)

- ❖ Convert job descriptions, applications, resumes, other text to occupational titles; link to online job postings; and more

Texas Occupational Wages (www.texaswages.com)

- ❖ Pay data for over 800 jobs by region in Texas

Texas CREWS (www.txcrews.org)

- ❖ Education outcomes; jobs, earnings, debt by major and public college

Career Check

The screenshot shows the Texas Career Check website. At the top left is the logo with a star and the text "TEXAS Career Check". To the right is a search bar labeled "Search Texas Career Check". Below the logo are navigation tabs: "HOME", "EXPLORE CAREERS -", and "EXPLORE EDUCATION -". The main content area features a large image of a woman helping a child with homework. To the right of this image is a "What's New?" section listing "Compare Schools", "Interest Profiler", "Endorsements", and "Learning Activity", with a "Coming Soon!" banner. Below this is a "Brought to you by:" section featuring the Texas Workforce Commission logo. Further down are logos for "LMCI Labor Market and Career Information", "TEXAS REALITY CHECK", "EXPLORE YOUR BRIGHT FUTURE", "TEAMS CREWS", and "Foundation High School Program Endorsement Career Links". At the bottom of the main area are two large buttons: "EXPLORE CAREERS" and "EXPLORE EDUCATION". The footer includes "Follow Texas Workforce Commission", an email subscription form, and "Feedback FAQ" links.

Reality Check



[FAQ](#) [Feedback](#)

Will you be able to afford the lifestyle you want?

It's difficult to predict the future, but it's never too early to start planning for it. Our tool will show you how much your living expenses will cost, and the amount of money you will need to earn to pay for them.



It's time for a Reality Check.



Lifestyle Calculator

- ✔ Walk through expenses you'll incur each month
- ✔ Decide how much to spend on your lifestyle
- ✔ Determine your minimum salary needs
- ✔ Explore occupations that earn the salary you'll need

[Start Your Reality Check](#)



Occupation Calculator

Choose an occupation, then review your expenses to see if its salary can support your lifestyle.

[Get Started](#)



Quick View Calculator

Skip the guided tour & quickly tally up your expenses to compare costs with different occupations.

[Get Started](#)

Texas Crews

TEXAS CREWS Texas Consumer Resource for Education and Workforce Statistics

The Texas Consumer Resource for Education and Workforce Statistics (Texas CREWS) is an interactive dashboard tool providing comparative information about Texas public 2-year and 4-year postsecondary institutions. By evaluating programs and institutions on the basis of resultant wages and student loan levels, Texas CREWS will allow parents and students to make informed decisions about college and get the best return on their educational investment.

GET STARTED

Click to get started, then use the dropdown menus to search by program/major, institution, or by the occupation field of interest.

Joint Project of the Texas Workforce Commission & the Texas Higher Education Coordinating Board

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Printed Publications and Other Resources

Career Information Hotline

1-800-822-PLAN (7526)

Labor Market Information Hotline:

1-866-938-4444

General Information Line:

(512) 936-3200

Email

lmci@twc.state.tx.us

www.lmci.state.tx.us

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Texas Workforce Commission

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WORKFORCE SOLUTIONS

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Publications

Labor Market and Career Information

Monthly Labor Market Information

Texas Labor Market Review

Periodic Labor Market Announcements

Education and Career Planning

Regional Labor Market Data

Career & Education Questions TWC Can Help Answer

- What do you want to do?
- What's the market?
- Where are the jobs?

THANK YOU!



Doyle Fuchs

LMCI Director

512-936-3105

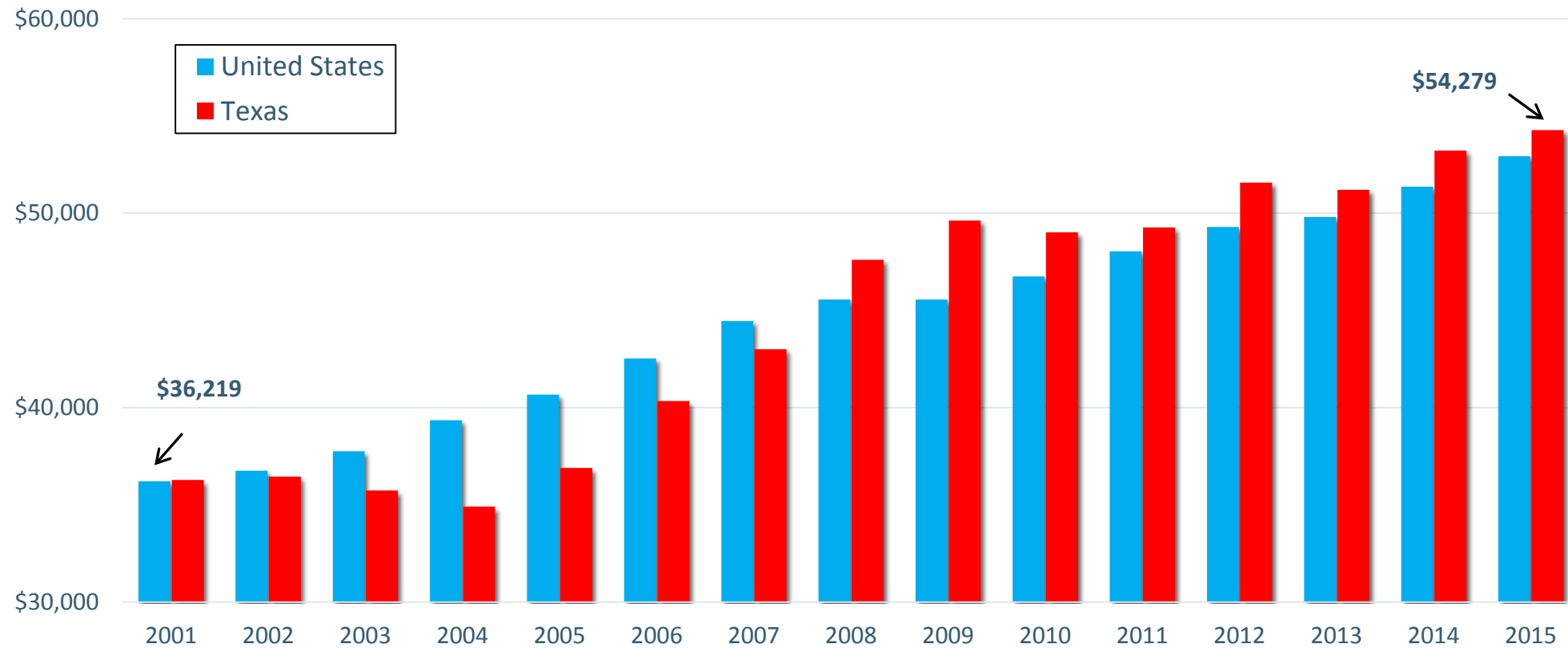
doyle.fuchs@twc.state.tx.us

www.lmci.state.tx.us



Additional Information

Average Annual Wages in Texas and U.S. 2001-2015



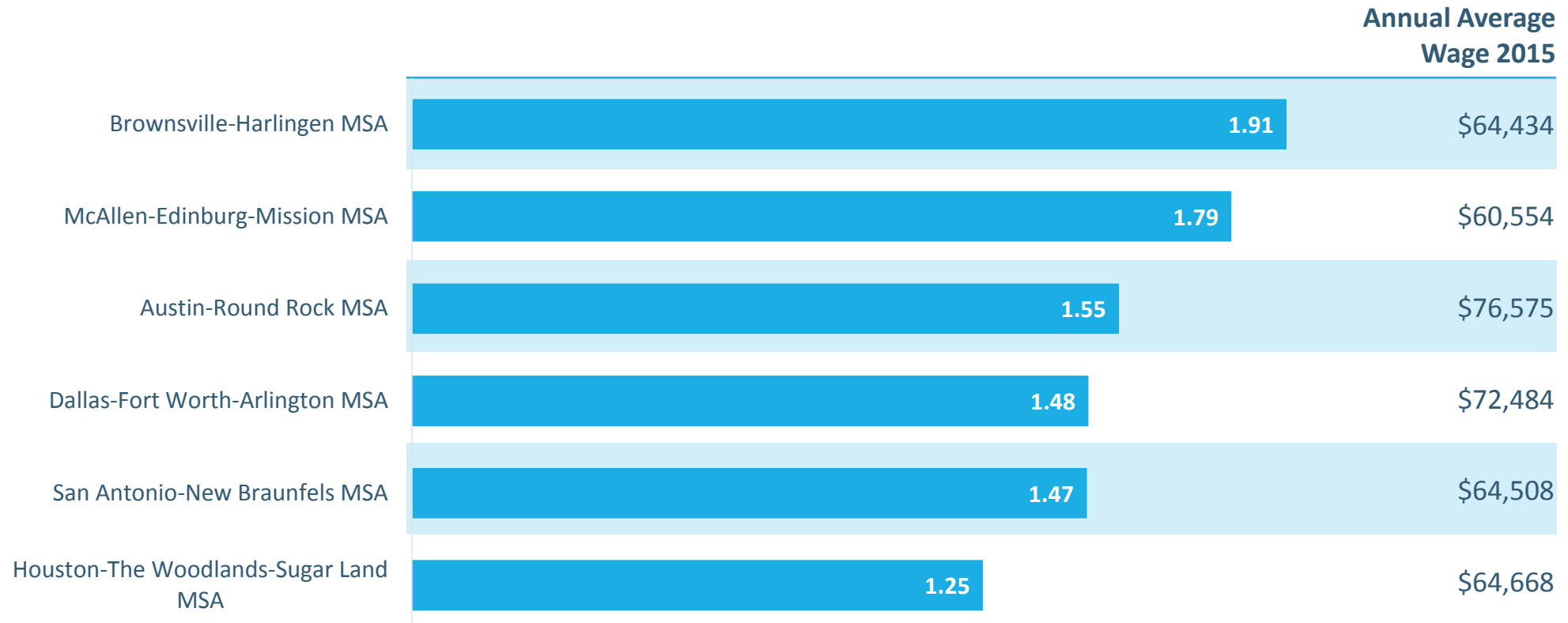
Occupations Adding the Most Jobs

Lower Rio Grande Valley WDA: 2014-2024

1.	Personal Care Aides	(\$17,328)
2.	Home Health Aides	(\$17,355)
3.	Fast Food Prep & Serving Workers	(\$19,279)
4.	Retail Salespersons	(\$22,500)
5.	Elementary School Teachers	(\$53,644)
6.	Registered Nurses	(\$65,920)
7.	Secondary School Teachers	(\$54,484)
8.	General Office Clerks	(\$25,674)
9.	Janitors & Cleaners	(\$22,348)
10.	Middle School Teachers	(\$54,397)

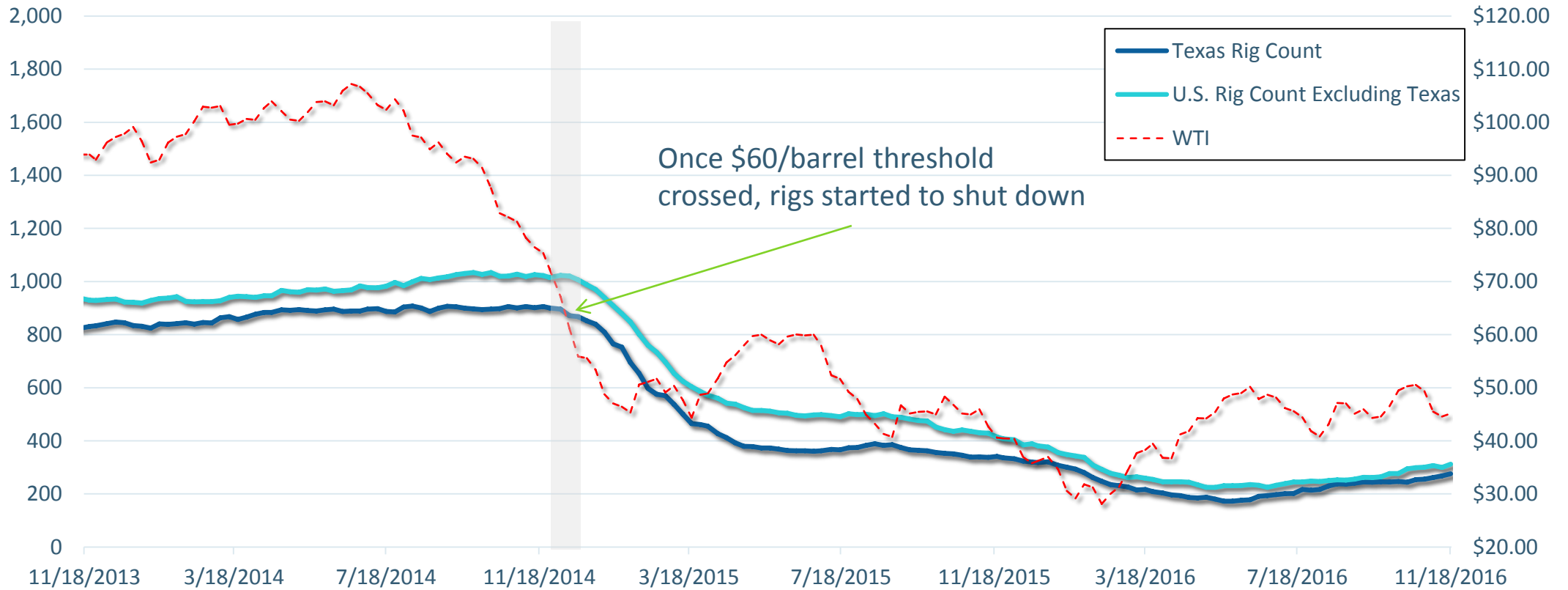
End the Brain Drain

Wage Differentials for Web Developers



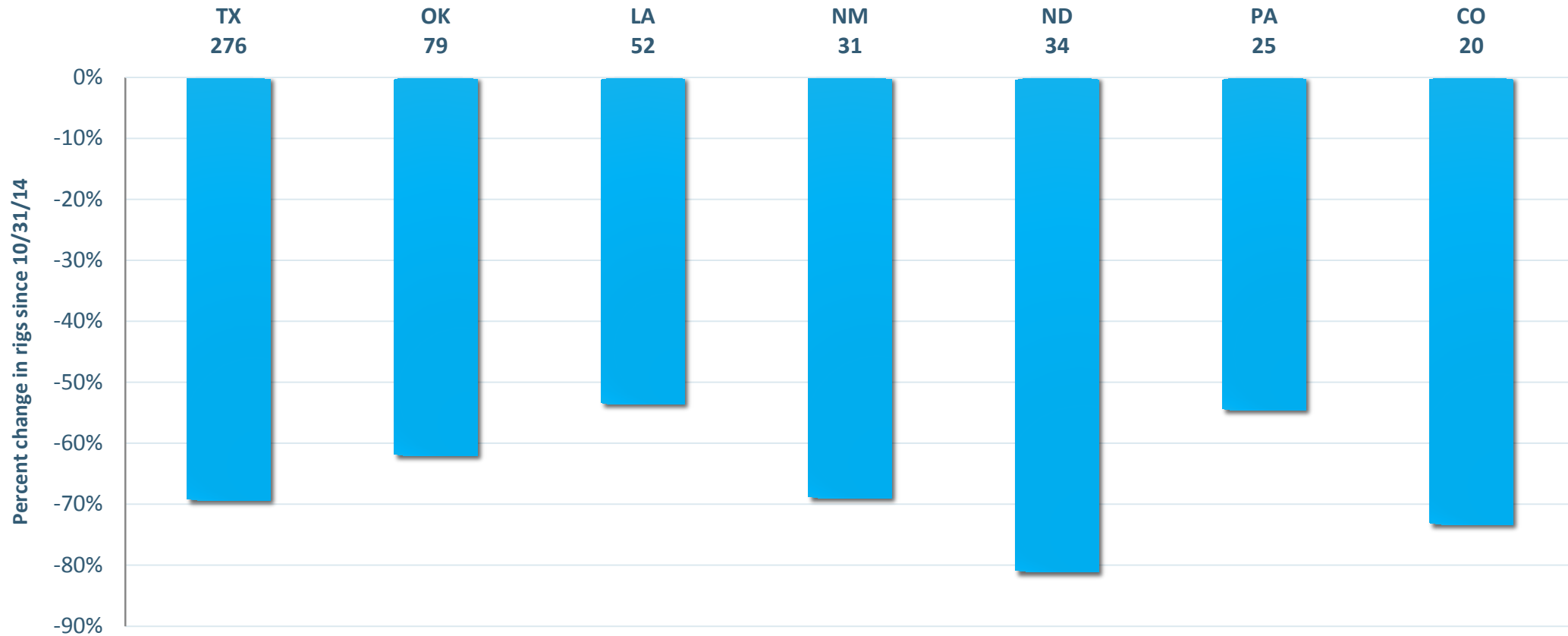
Rig Counts Trending Up

Baker Hughes & West Texas Intermediate



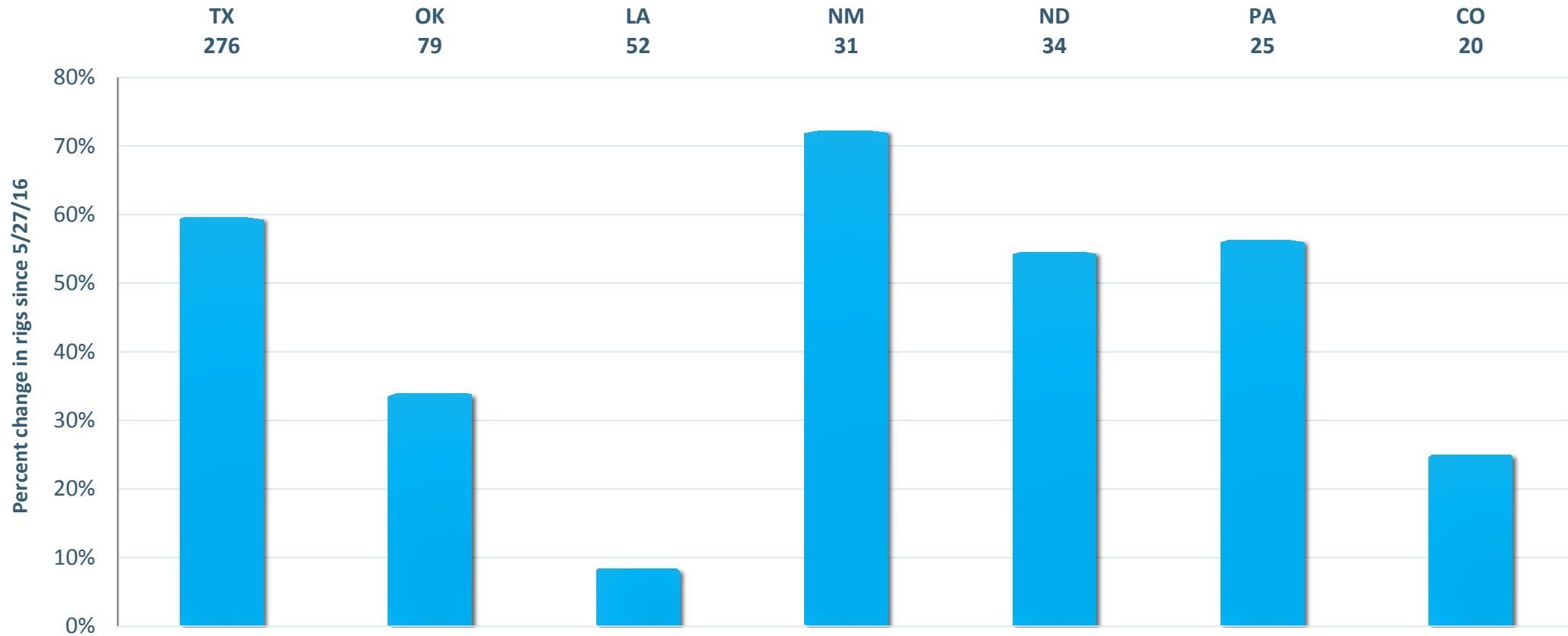
Rig Counts have plunged since 2014

Rig count by state, Oct. 2014 – Nov. 2016



Initial rebound in Rigs concentrated in Permian Basin

Rig count by state, May 2016 – Nov. 2016



Education and the Workforce

“In the end, education isn’t just about getting a job, though that is one of its central roles in American society. Education also allows citizens to live more fully in their time — to experience the American society, polity, and culture as good neighbors and fully autonomous individuals. Humanities and technical fields both serve important roles in our society and economy, and the choice of major is a very personal one that individual students must make for themselves.”

- **Anthony P. Carnevale**

Director of the Center on Education and Workforce,
Georgetown University

A More Educated Workforce

“I don’t know if we’re going to take existing jobs and expand their duties or if we’ll create new jobs, but it’s going to change our workforce. In the past, if you had a high school education and could learn some technical skills, that was enough to work for us. But now we want an Associate’s degree or equivalent military experience – and that will be the minimum hiring requirement starting this year.”

- **CenterPoint Energy**

Houston, Texas

What Employers Want

“Years ago we hired people from the neck down. We wanted strong backs. Now we hire people from the neck up. Only a few years ago we hired people and gave them a shovel and a pipe wrench and told them these were the tools that would make them successful. Now we hire people and give them a volt meter and a computer and tell them these are the tools that will make them successful. It’s a different industry now.”

- **Chevron**

Climbing Wall as Career Development

Everyone is trying to move up, but we each are moving at a different place, moving at a different pace and moving with a unique support system

