Regional Data Snapshot

Population, Economy & Education Features

SET Civic Forum

East Central NM, New Mexico

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PURDUE UNIVERSITY

Center for Regional Development
Advancing Collaboration : Energizing Regions
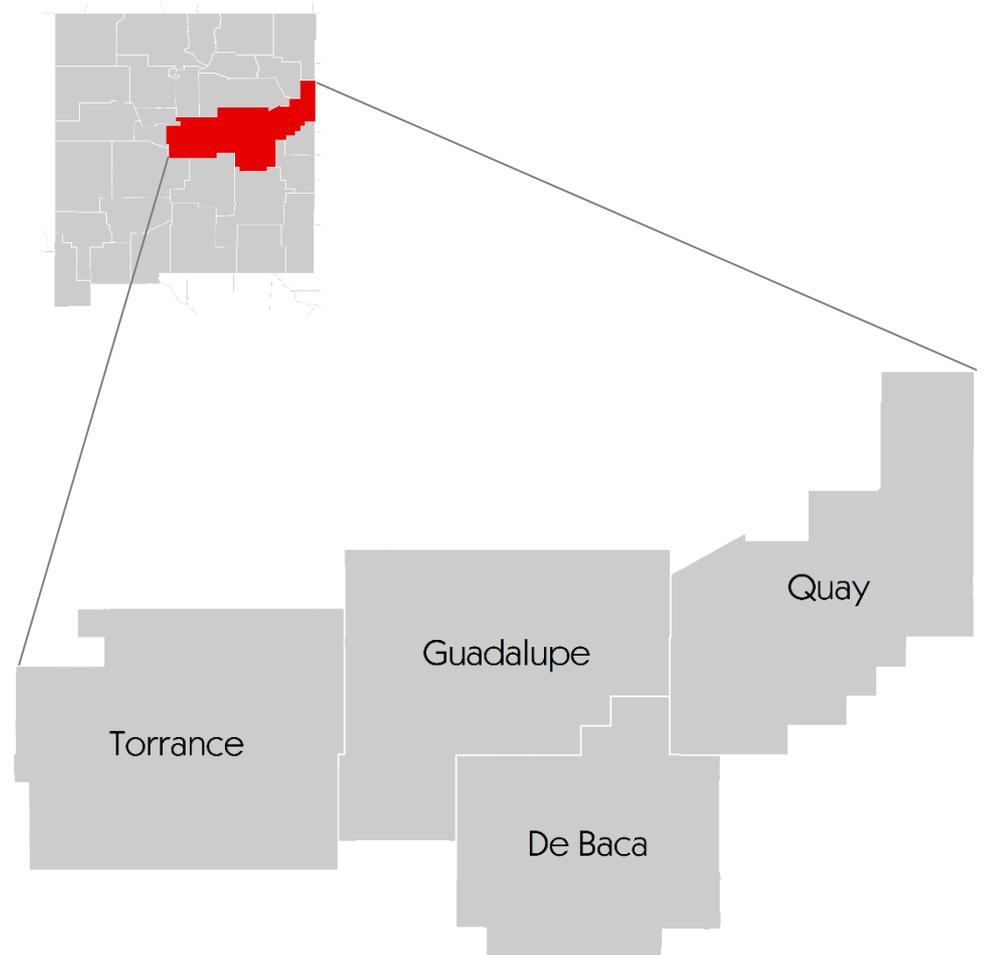
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overview

East Central NM, NM

What is a regional snapshot?

East Central NM

The East Central NM Region is comprised of 4 New Mexico counties. Interstate Highway 40 connects the region to Albuquerque in the west and to Texas in the east.

- De Baca
- Guadalupe
- Quay
- Torrance

Quay

Guadalupe

Torrance

De Baca

What is a regional snapshot?

What is the snapshot?

This snapshot is a demographic and economic assessment of the East Central NM Region in New Mexico. Using county-level data to form the region, PCRD analyzed a number of indicators to gauge the overall economic performance of the East Central NM Region in comparison to the rest of the state.

What is its purpose?

The snapshot is intended to inform the region's leaders, organizations and residents of the key attributes of the region's population and economy. In particular, it takes stock of the region's important assets and challenges. With such data in hand, regional leaders and organizations are in a better position to invest in the mix of strategies that will spur the growth of the economy and provide a higher quality of life for residents of the region.

What are its focus areas?

PCRD secured and analyzed recent data from both public and private sources to generate the snapshot. In order to build a more comprehensive picture of the region, the report presents information under three key categories.

- Demography
- Human Capital
- Labor Force

When appropriate or relevant, the report compares information on the region with data on the remainder of the state. By so doing, the region is better able to determine how well it is performing relative to the state on a variety of important metrics.
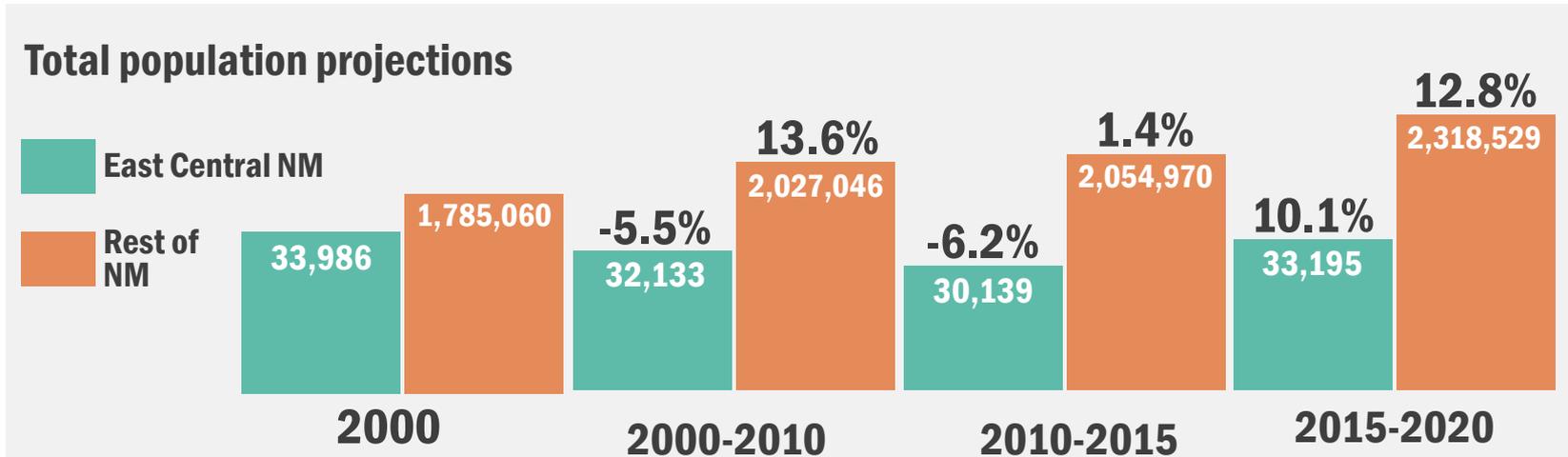
02
demography

Population change

Age structure

Race/Ethnicity

Income and poverty

Population Change

Total population projections

	East Central NM	Rest of NM

2000: 33,986 / 1,785,060

2000-2010: -5.5% 32,133 / 13.6% 2,027,046

2010-2015: -6.2% 30,139 / 1.4% 2,054,970

2015-2020: 10.1% 33,195 / 12.8% 2,318,529

Questions:

- How does the region's population trend compare to that of the state?
- What may be some of the elements driving the trends in the region? In the state?
- What strengths or challenges might these trends present?

Source: 2000 & 2010 Decennial Census, 2015 Population Estimates, and 2020 Population Projection
by New Mexico Economic Development Department, https://gonm.biz/site-selection/census-data/

Components of Population Change

	2000-2014
Total Change	-4,200
Natural Increase	447
International Migration	554
Domestic Migration**	-2,006

Questions:

- Which component contributes most to the population change?
- To what extent is net international migration or net domestic migration factors in fueling population change in the region?
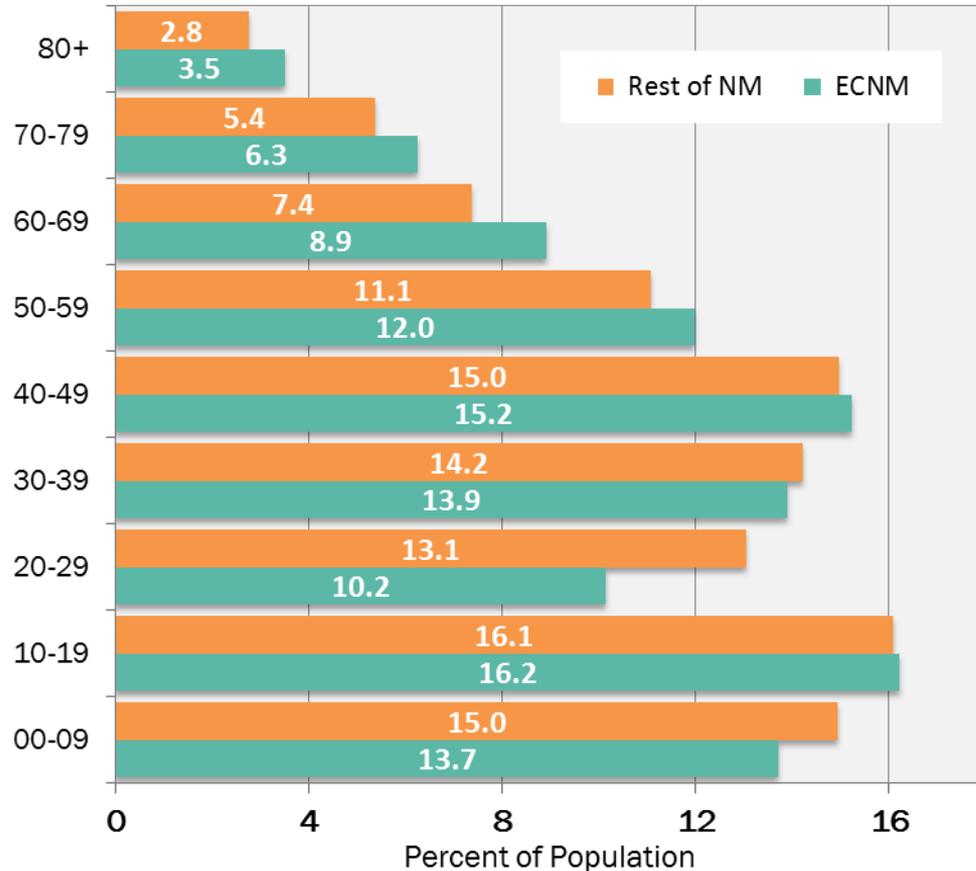- What are the implications of these trends for the region?

Note: 2000-2010 components of population change are estimated based on 2000 Census population while 2010-2014 components of population change are based on 2010 Census population. The total change estimated from components of population change might not match with the census numbers because of the residuals.

** Domestic migration is estimated by analyzing the year-by-year IRS U.S. migration database from 2000 to 2014 accounting for the internal migration within the region. Please note that within a region in-and-out migration cancels each other.

section 02

Population Age Structure, 2000

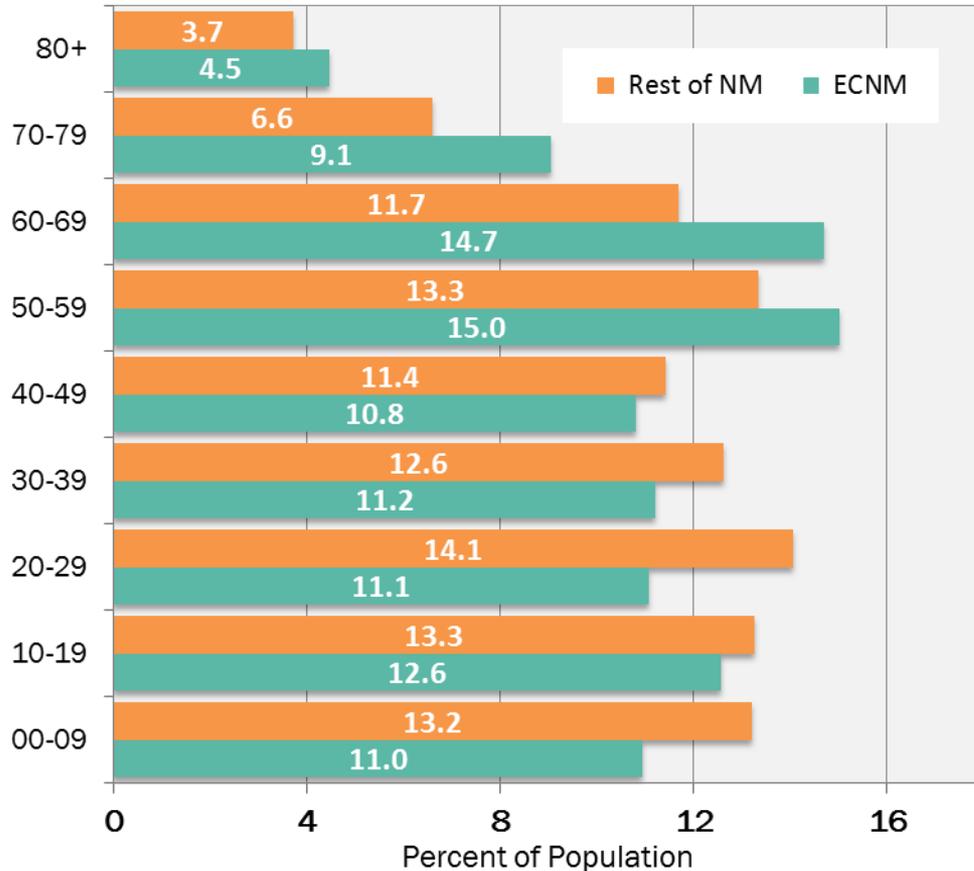A visual presentation of the age distribution of the population (in percent)

Notice the age distribution of the population in 2000 and compare it to information contained in the next slide.

Rest of NM ■ **ECNM**

Age	Rest of NM	ECNM
80+	2.8	3.5
70-79	5.4	6.3
60-69	7.4	8.9
50-59	11.1	12.0
40-49	15.0	15.2
30-39	14.2	13.9
20-29	13.1	10.2
10-19	16.1	16.2
00-09	15.0	13.7

Percent of Population

section 02

Population Age Structure, 2015

A visual presentation of the age distribution of the population (in percent)
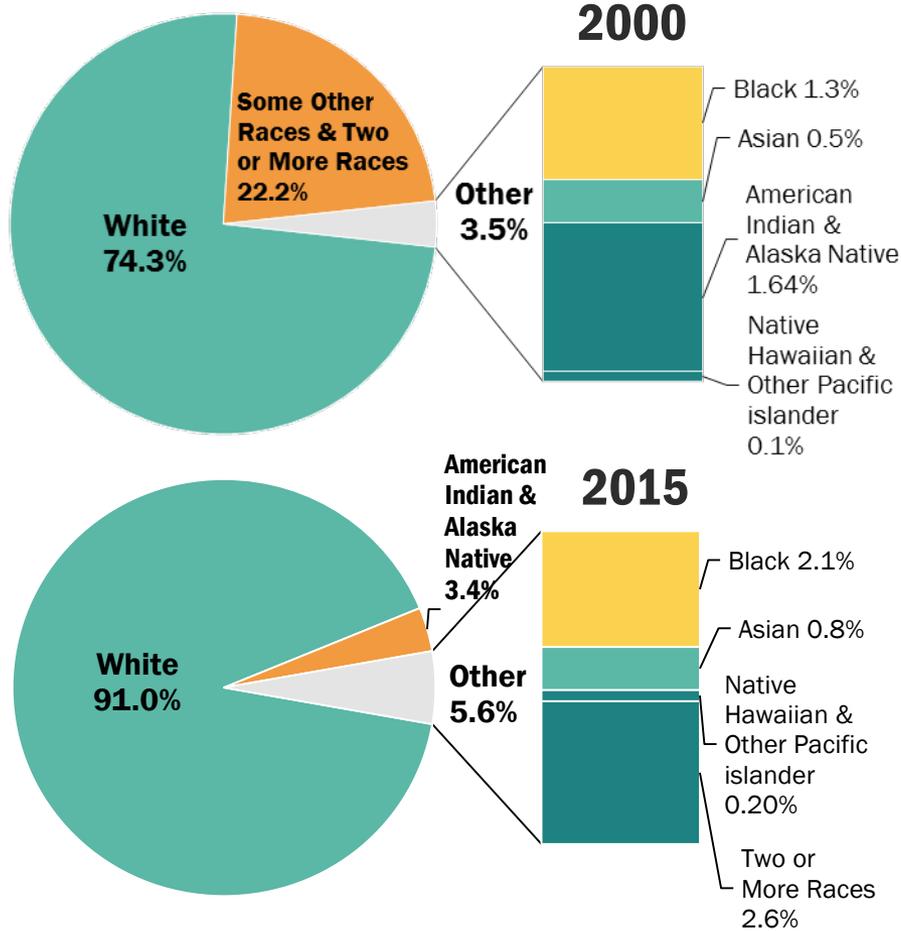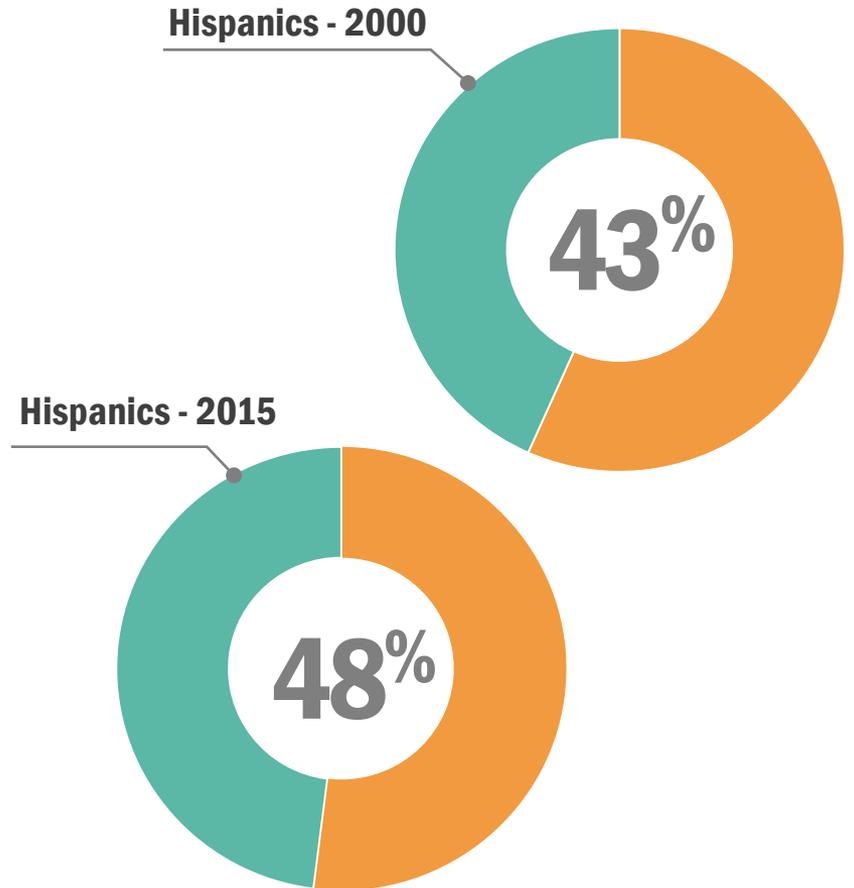

Questions:

- Is the region experiencing an aging of its population? How does this compare to the rest of the state?

- Is there a sizable number of people of prime working age (20-49 years) in the region?

- Is the youth population (under 20 years old) growing or declining?

- What are the implications of the region's age structure on its economic development efforts?

section 02

Demography

Race

2000

Black 1.3%
Asian 0.5%
American Indian & Alaska Native 1.64%
Native Hawaiian & Other Pacific islander 0.1%

Other 3.5%

Some Other Races & Two or More Races 22.2%
White 74.3%

2015

American Indian & Alaska Native 3.4%
White 91.0%
Other 5.6%

Black 2.1%
Asian 0.8%
Native Hawaiian & Other Pacific islander 0.20%
Two or More Races 2.6%

Ethnicity

Hispanics - 2000

43%

Hispanics - 2015

48%

Race Data Source: U.S. Census Bureau – 2000 Decennial Census and 2015 Annual Population Estimates

Income and Poverty

Questions:

	2004	2009	2014
Total Population in Poverty	21.0%	24.4%	25.8%
Minors (Age 0-17) in Poverty	29.0%	35.9%	35.9%
Real Median Household Income* ($ 2014)	$34,978	$33,715	$33,605

- Is the poverty rate for individuals in the region getting better or worse?

- Is poverty for minors in the region lower or higher than the overall poverty rate for all individuals? Why?

- Has real median income (adjusted for inflation) improved or worsened over the 2004 to 2014 time period? What may be reasons for these changes?

section 02

* Note: Regional Median Household income is the population-weighted average of median household income values across the ECNM Region counties.
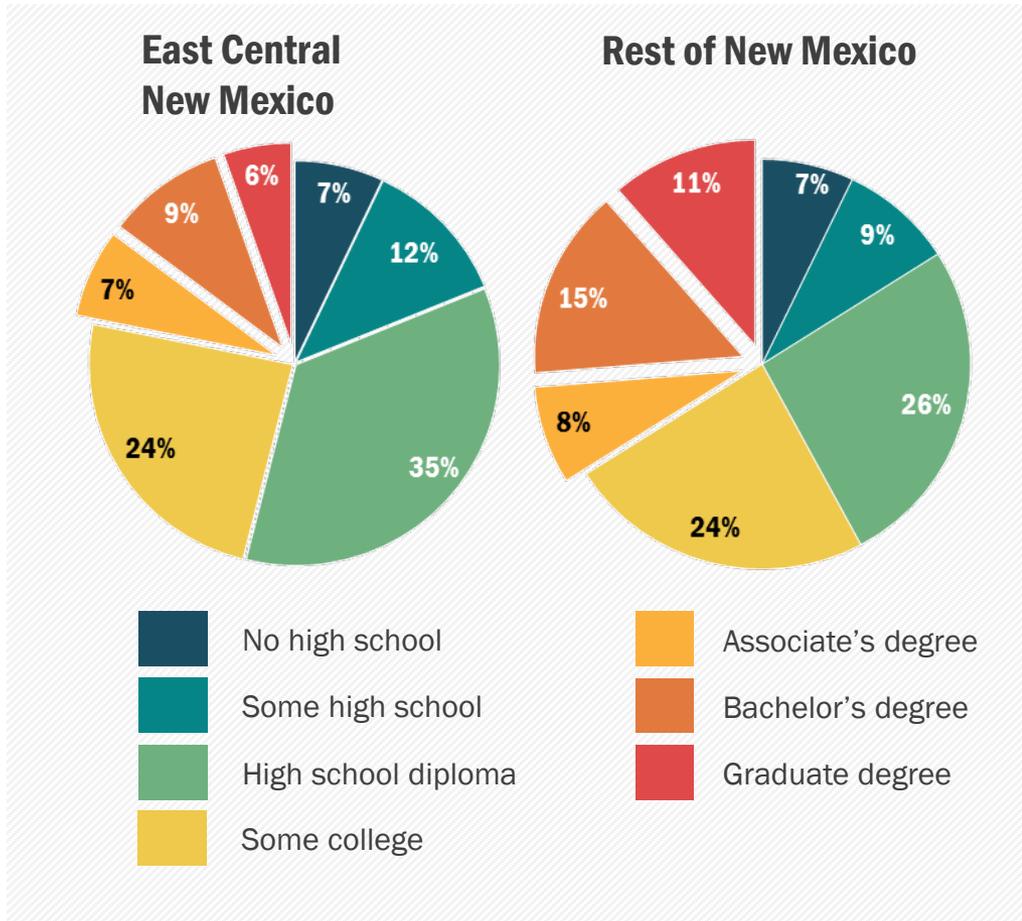
Source: U.S. Census Bureau – Small Area Income and Poverty Estimates (SAIPE)

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03
human
capital

Educational attainment

Patents

Educational Attainment, 2014

East Central New Mexico

7%
12%
35%
24%
7%
9%
6%

Rest of New Mexico

7%
9%
26%
24%
8%
15%
11%

Legend:
- No high school
- Some high school
- High school diploma
- Some college
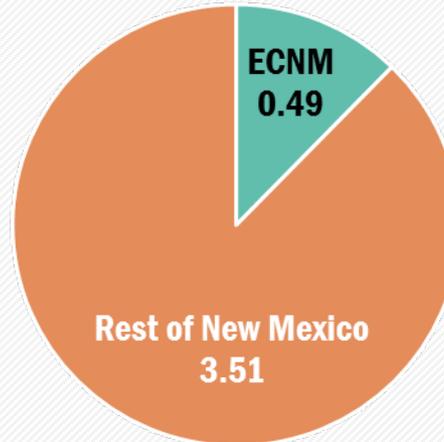- Associate's degree
- Bachelor's degree
- Graduate degree

Questions:

- What proportion of the adult population in the region has a high school education only?

- How many are college graduates (associate's, bachelors degree or higher)?

- How does the educational profile of the region compare to that of the rest of the state?

- What are the implications of the educational profile of the region in terms of the region's economic opportunities or workforce challenges?

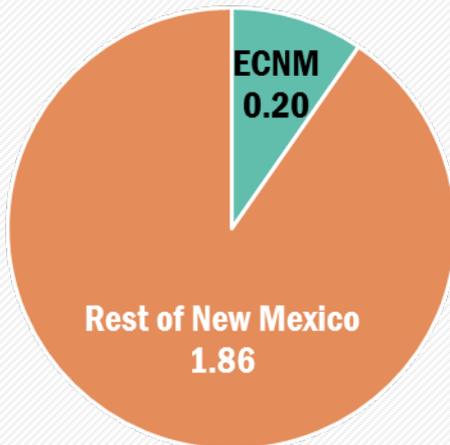Source: 2010-2014 American Community Survey 5-Year Estimates

Patents

Patents per 10,000 Jobs
2001-2014

From 2001 to 2014, East Central New Mexico counties were issued patents at a rate of 0.49 per 10,000 jobs, while the remaining New Mexico counties garnered 3.51 patents per 10,000 jobs.

ECNM 0.49

Rest of New Mexico 3.51

Patents per 10,000 residents
2001-2014

ECNM 0.20

Rest of New Mexico 1.86

From 2001 to 2014, 0.20 patents per 10,000 residents were issued in East Central New Mexico counties. The rest of New Mexico amassed 1.86 patents per 10,000 residents.

Patenting trends are an important indicator of innovation in a region.

Commercializing this innovation can lead to long-term growth for regional economies.

Questions:

- How does the region's patent rate compare to that of the rest of the state?

- How have rates changed over time?

- What might these data suggest for the future of the region?

section 03
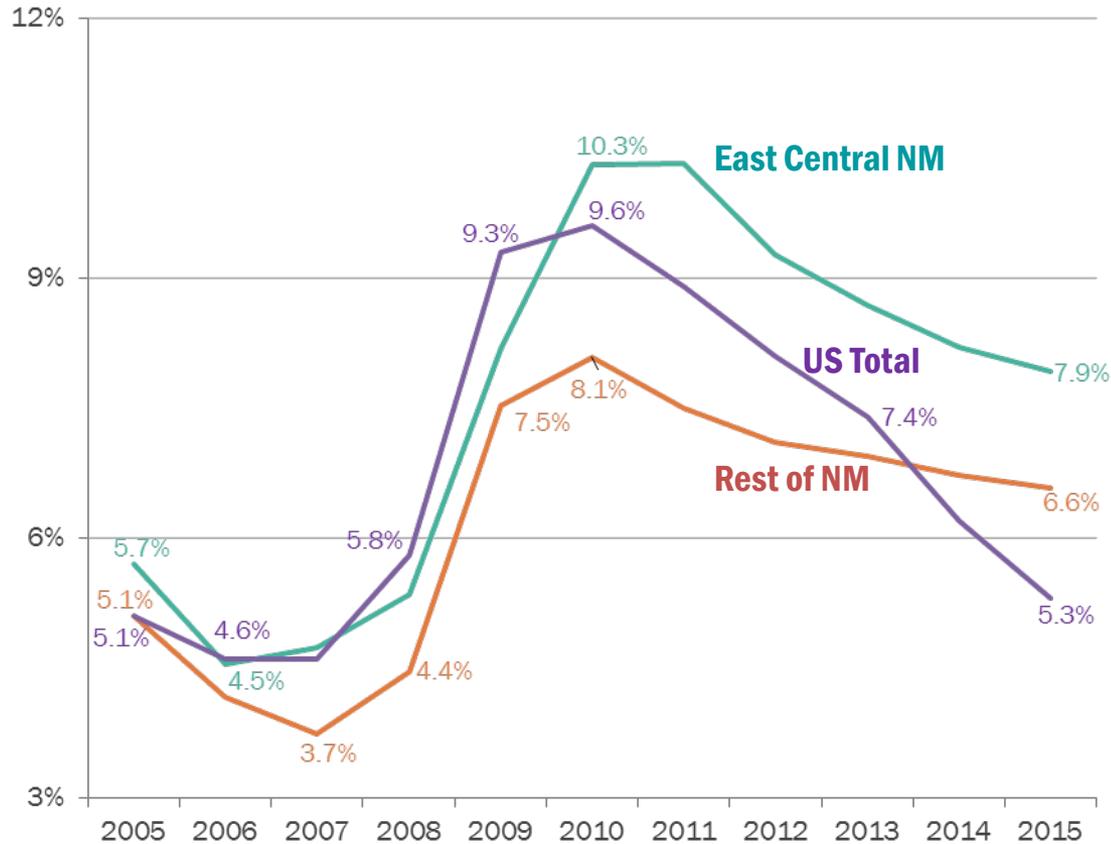
Source: U.S. Patent and Trademark Office, Census, BEA

*Note: Patent origin is determined by the residence of the first-named inventor. Since a number of workers commute into the region, the number of patents produced in the ECNM Region could be higher. However, among residents of the region, patent production is relatively low.

04
labor force

Unemployment rates

Earnings per worker

Source of labor for the region

Unemployment Rates

Questions:

- How does the region's unemployment rate compare to the rest of the state and nation?

- How well has the region's unemployment rate improved since the 2007-2009 Great Recession? How does that compare to the state and national trends?

- What might this suggest for the region's economic future?

section 04

Source: LAUS, BLS

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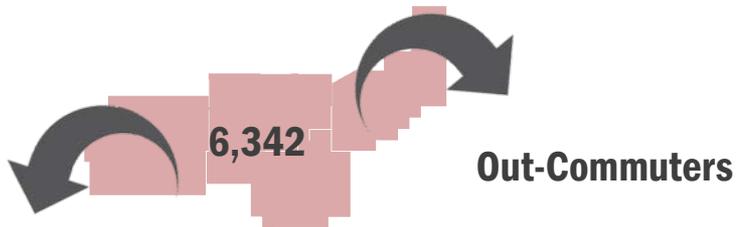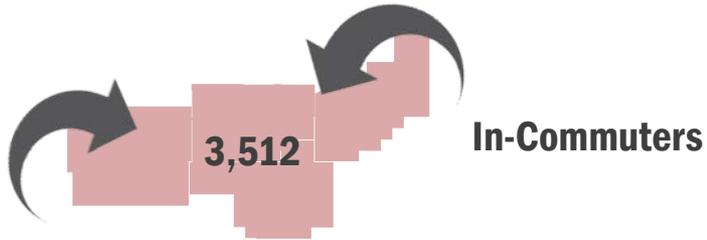# Earnings per Worker in 2015

Questions:

- How does the region's average earnings compare to that of the rest of the state?

- What might be some driving factors for the differences?

- Do these represent potential strengths or challenges for the region?

NOTE: Earnings include wages, salaries, supplements and earnings from partnerships and proprietorships

section 04

Journey to Work

In-Commuters 3,512

Same Work/ Home 3,672

Out-Commuters 6,342

	2014 Count	Proportion
Employed in ECNM	**7,184**	**100.0%**
Both employed and living in the region	3,672	51.1%
Employed in the region but living outside	3,512	48.9%
Living in ECNM	**10,014**	**100.0%**
Both living and employed in the region	3,672	36.7%
Living in the region but employed outside	6,342	63.3%

Questions:

- How many people employed in the region actually reside outside the region? How many who live in the region commute to jobs outside the region?

- What might be done to reduce the flow of labor to jobs located outside the region?

section 04

Report Contributors

This report was prepared by the Purdue Center for Regional Development, in partnership with the Southern Rural Development Center and USDA Rural Development, in support of the Stronger Economies Together program.

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The Purdue Center for Regional Development (PCRD) seeks to pioneer new ideas and strategies that contribute to regional collaboration, innovation and prosperity.

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