



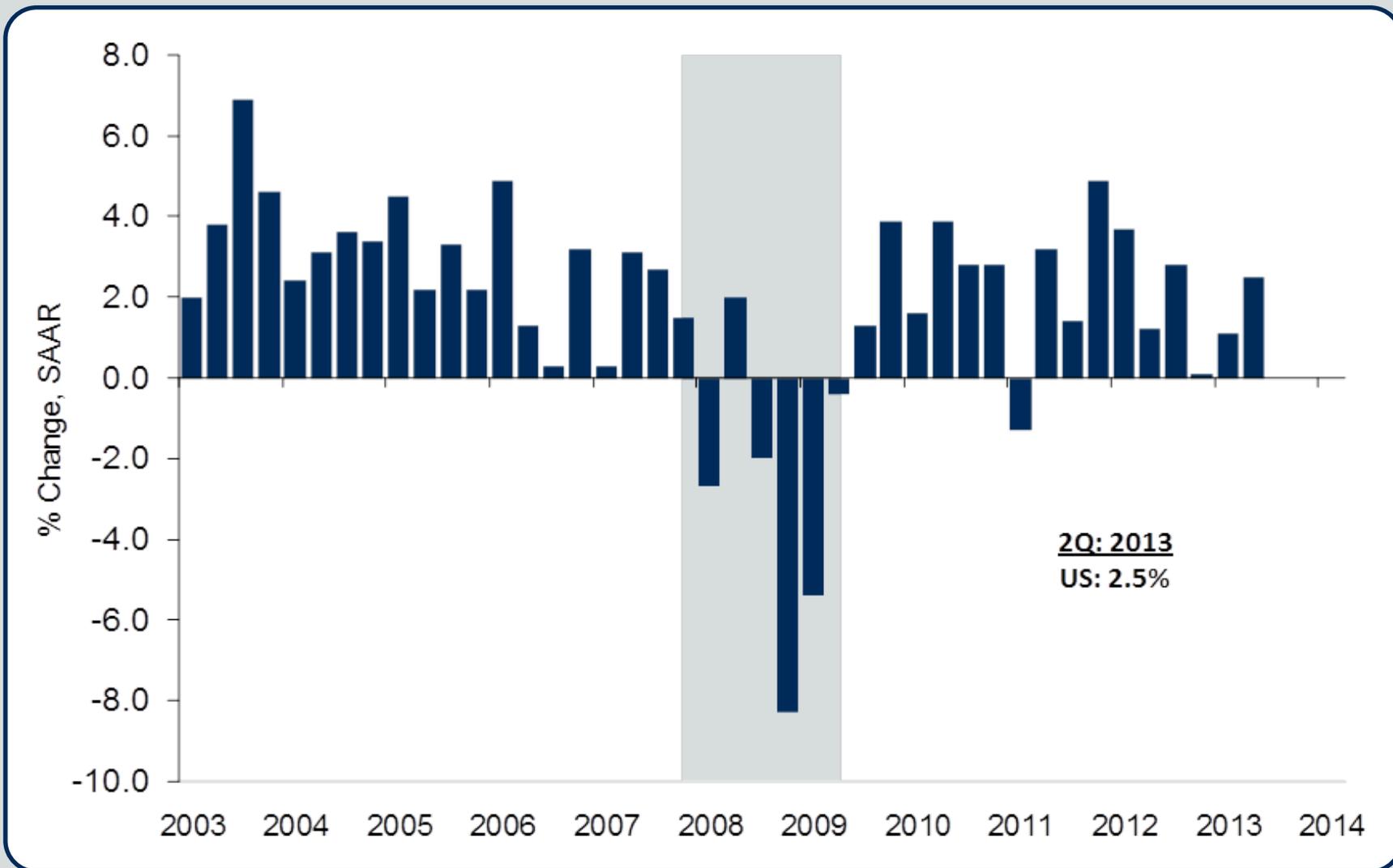
# Economic Update

Opportunity Inc. Meeting, September 18, 2013



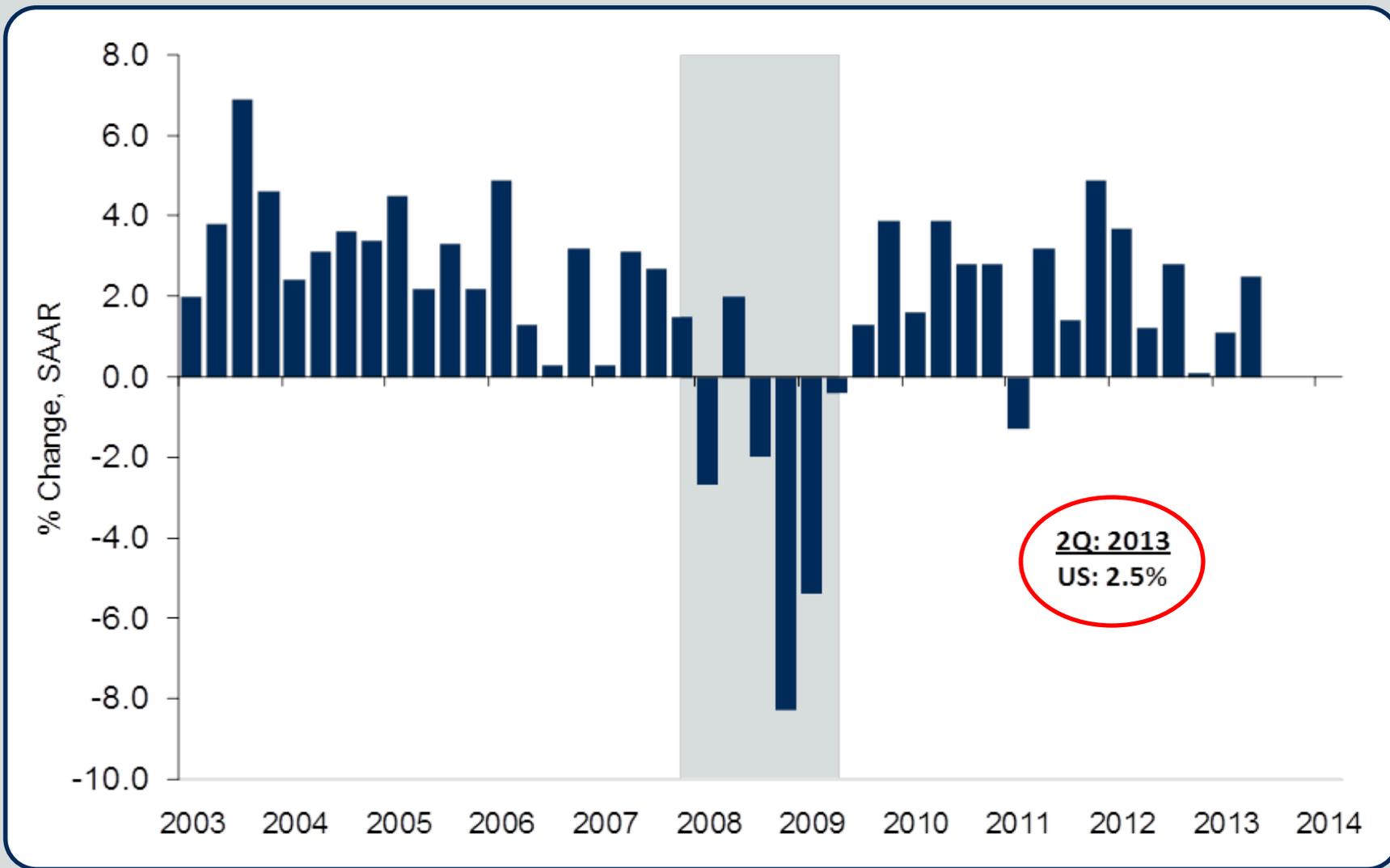
Ann Macheras  
Vice President, Regional Research

# Real GDP

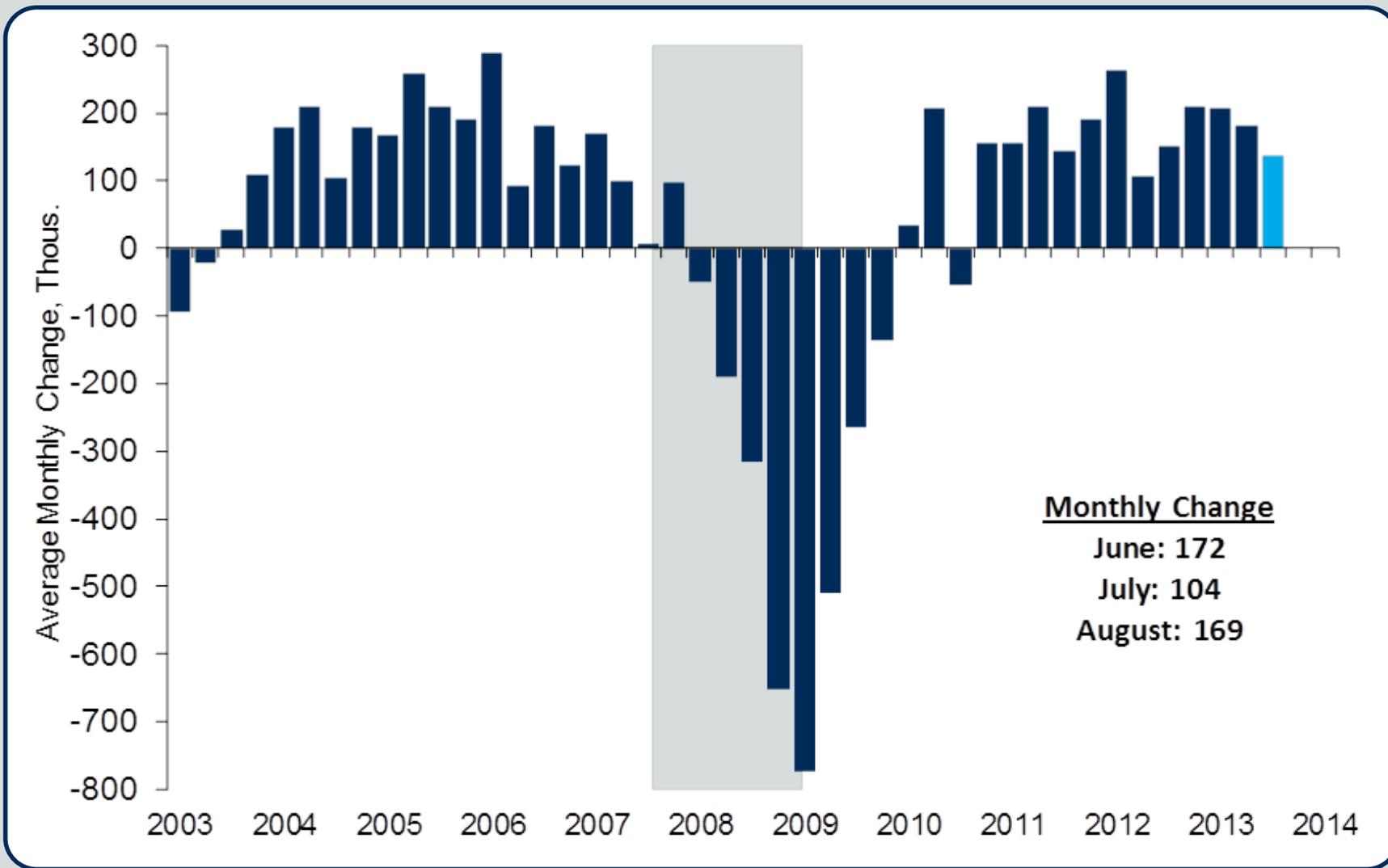


**2Q: 2013**  
**US: 2.5%**

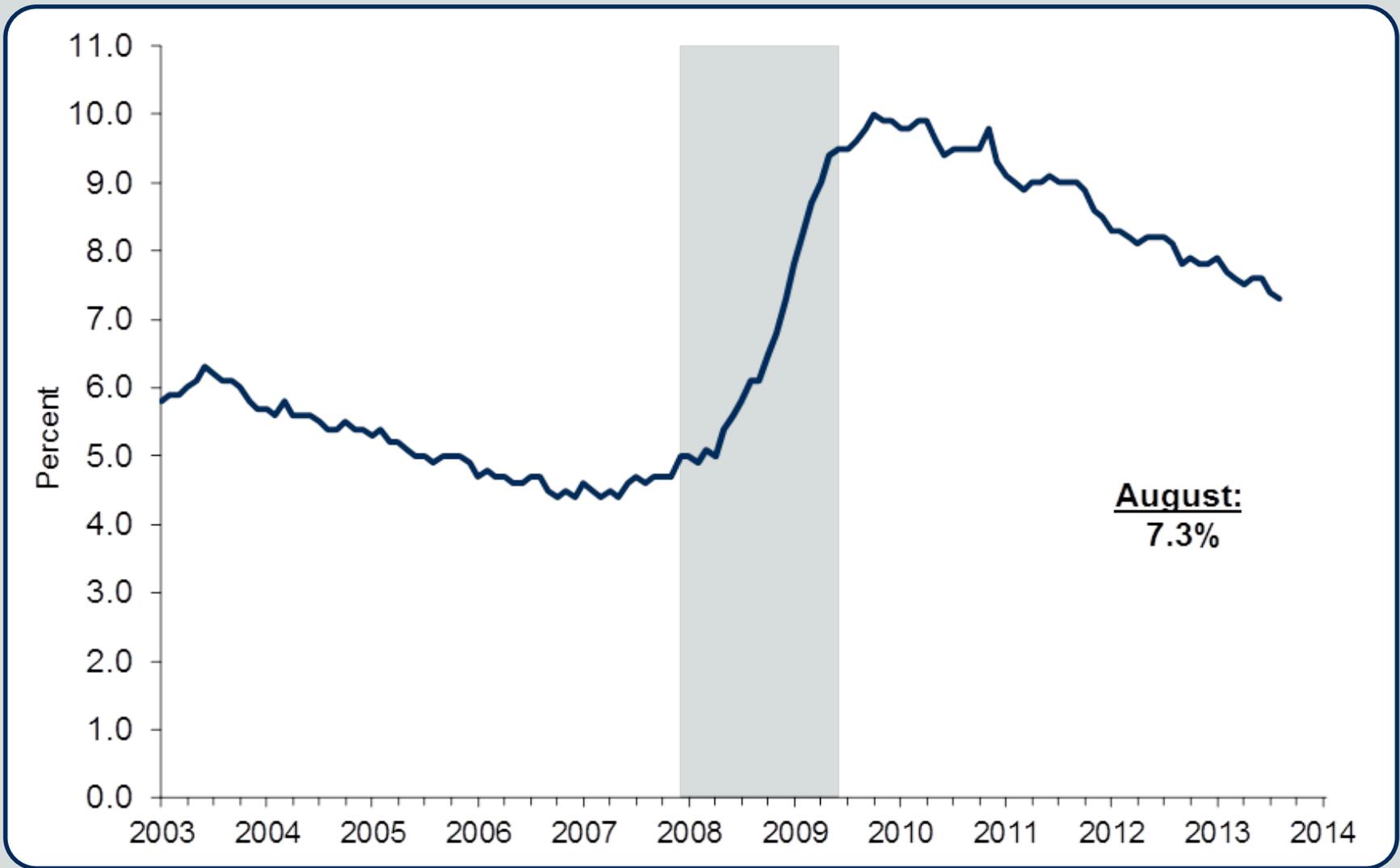
# Real GDP



# National Payroll Employment

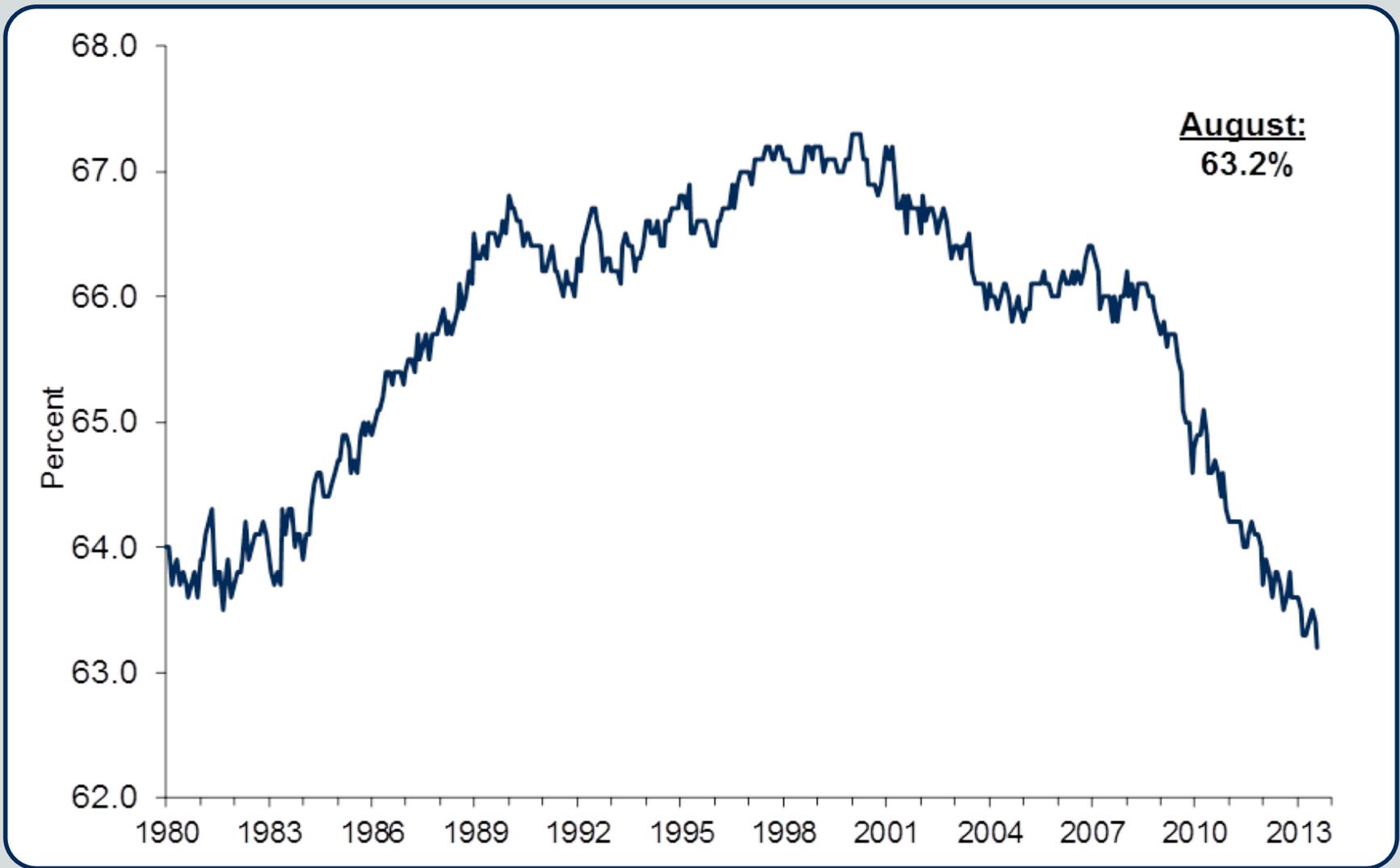


# National Unemployment



**August:**  
**7.3%**

# Labor Force Participation Rate

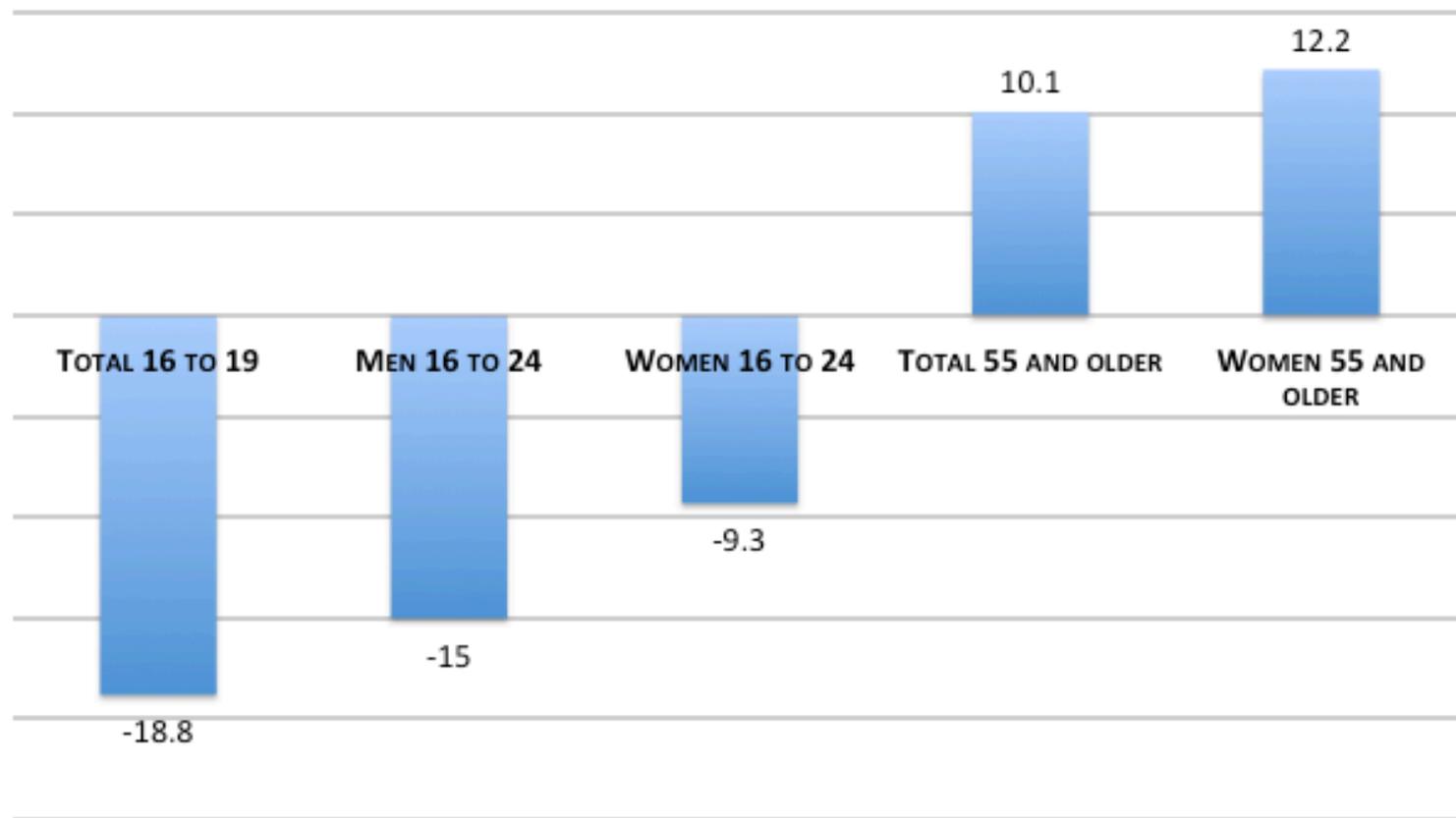


**August:**  
63.2%

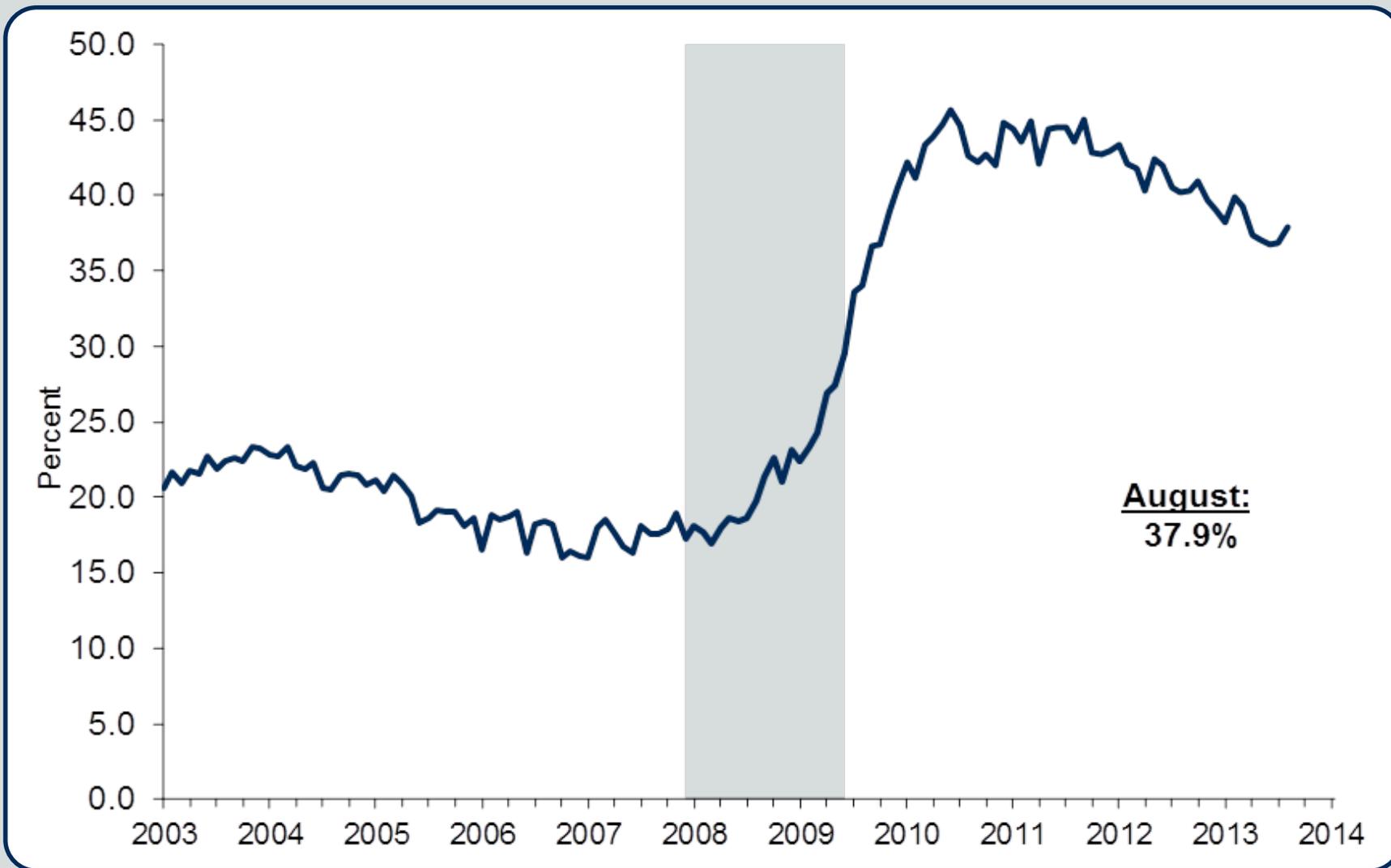
# Structural Changes in Labor Force Participation

# Labor Force Participation Rate - Demographics

Who's More/Less Likely to Be Working?  
Change (+/-) in Participation Rate: 1990-2010



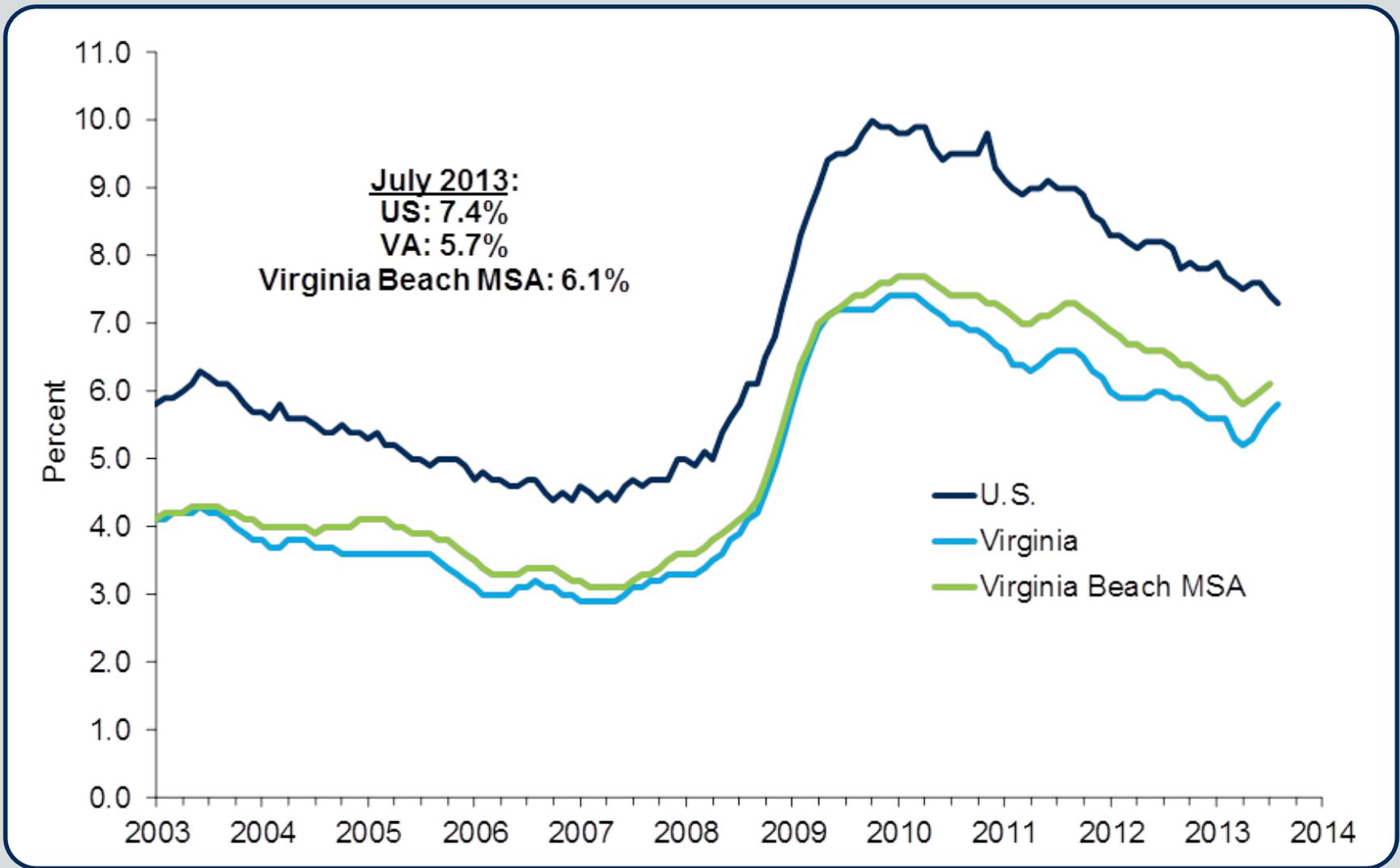
# Long-Term Unemployed Share of Total Unemployed



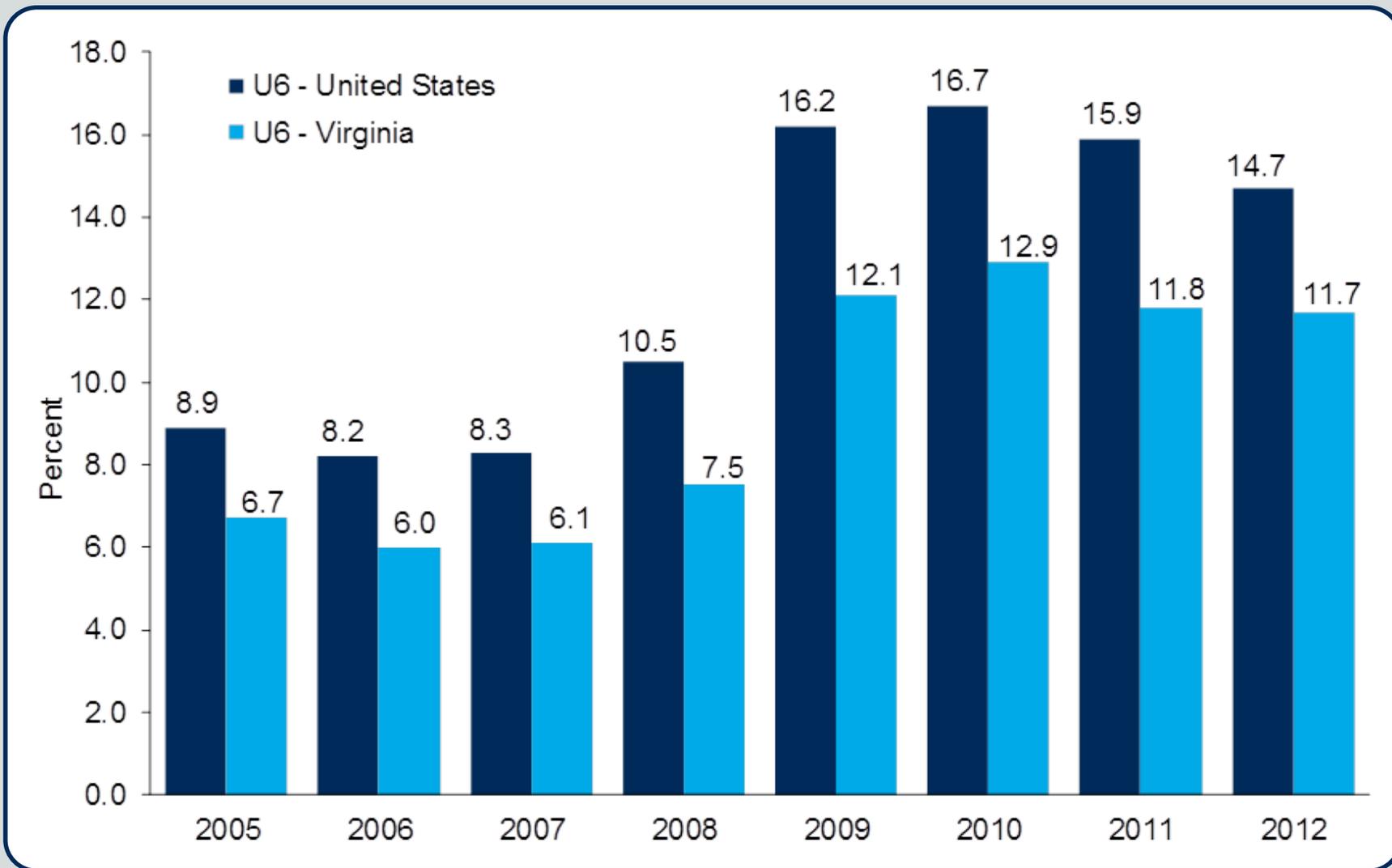
**August:**  
**37.9%**

# Virginia Trends

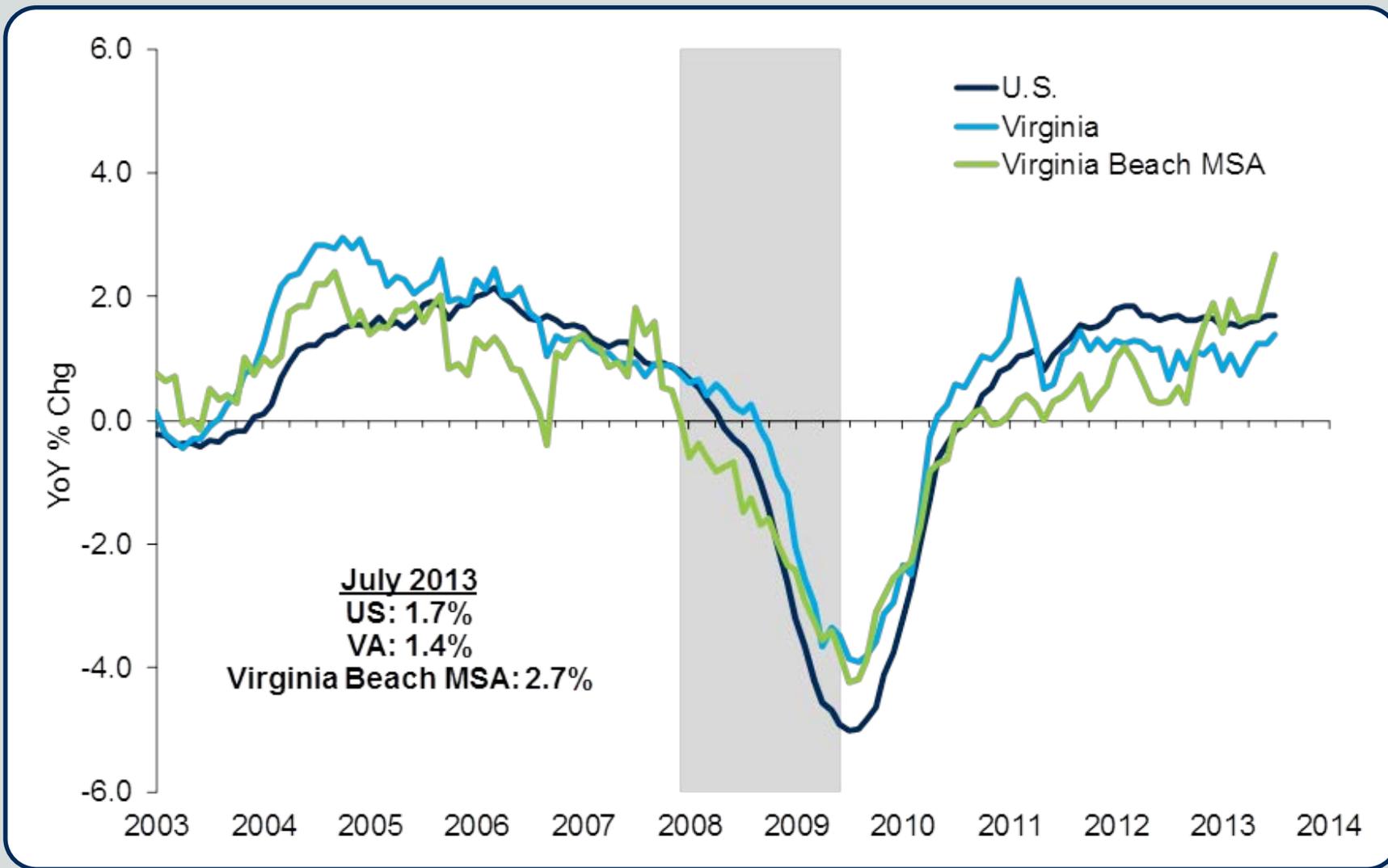
# Virginia Unemployment Rate



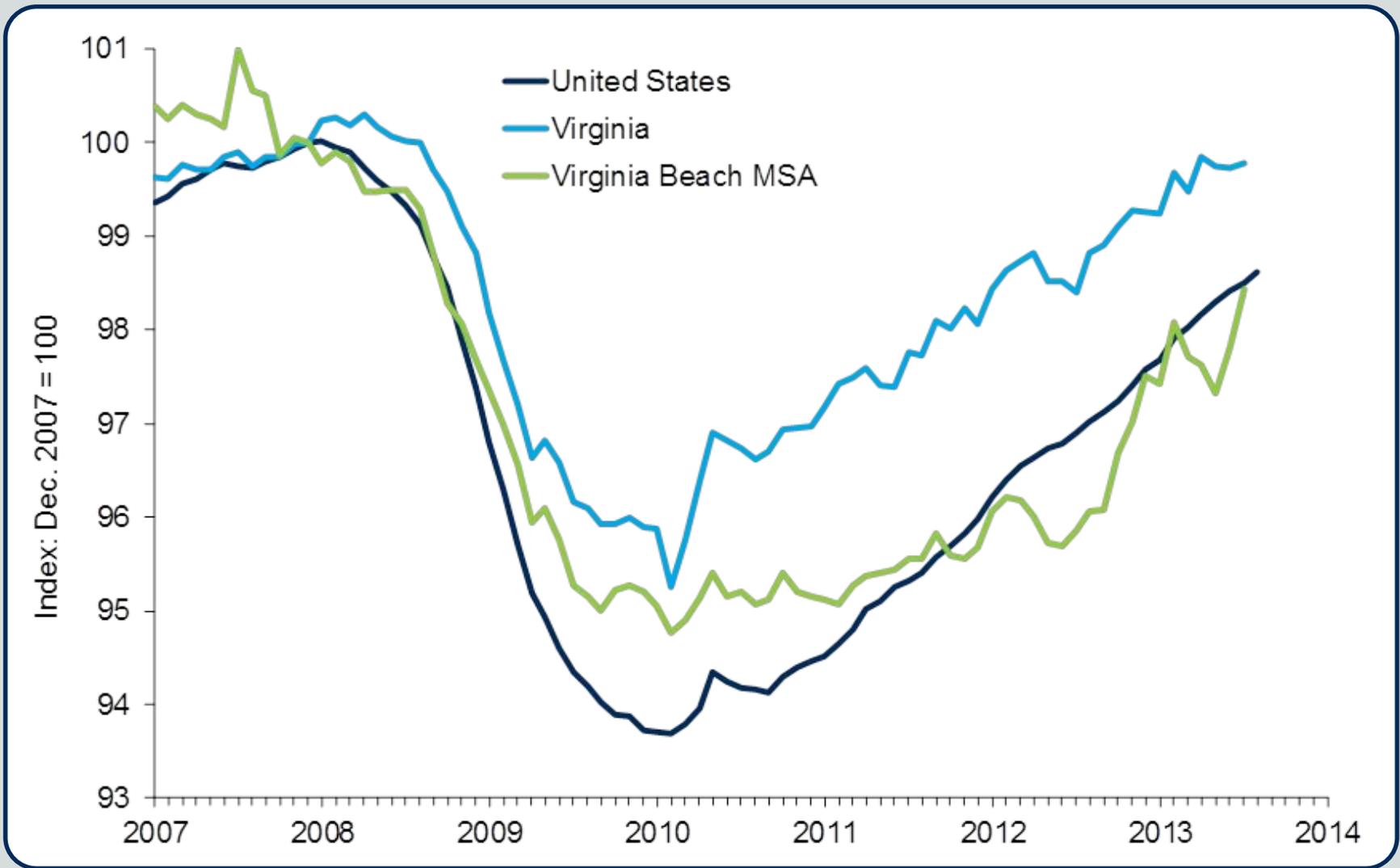
# Virginia - Alternative Measures of Unemployment



# Virginia Beach Payroll Employment



# Virginia Payroll Employment



# Major Metropolitan Areas - Job Change (thousands)

Metro Area	Peak to Trough	Trough to July 2013	Total Change
Virginia	-128.8	120.3	-8.5
Blacksburg	-3.2	5.3	2.1
Charlottesville	-3.2	-0.2	-3.4
Danville	-1.5	0.7	-0.8
Harrisonburg	-2.4	2.9	0.5
Lynchburg	-4.4	-2.1	-6.5
Richmond	-27.3	24.1	-3.2
Roanoke	-7.1	5.0	-2.1
Virginia Beach	-32.8	20.7	-12.1
Northern Virginia	-23.7	87.7	64.0
Winchester	-4.0	7.2	3.2

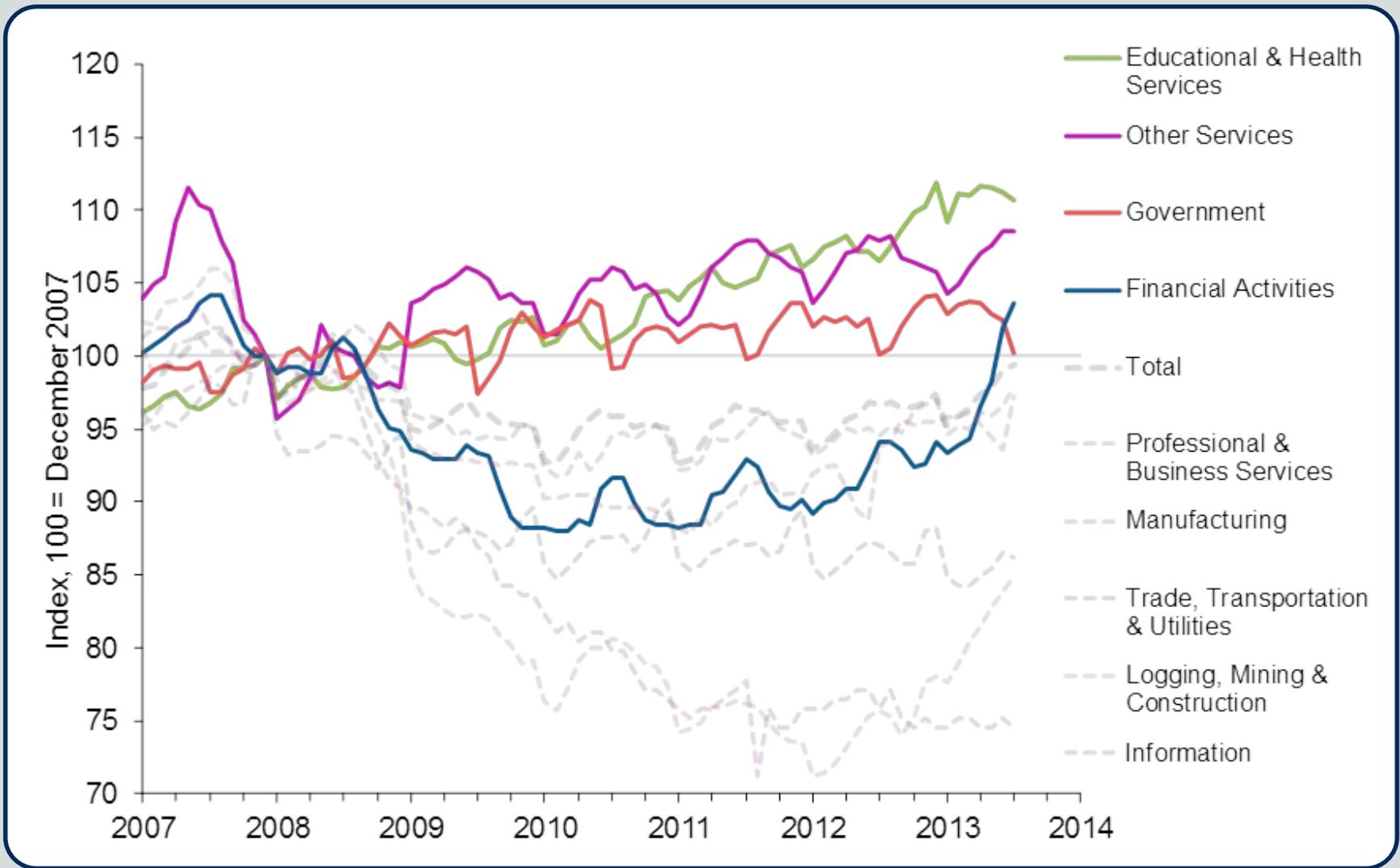
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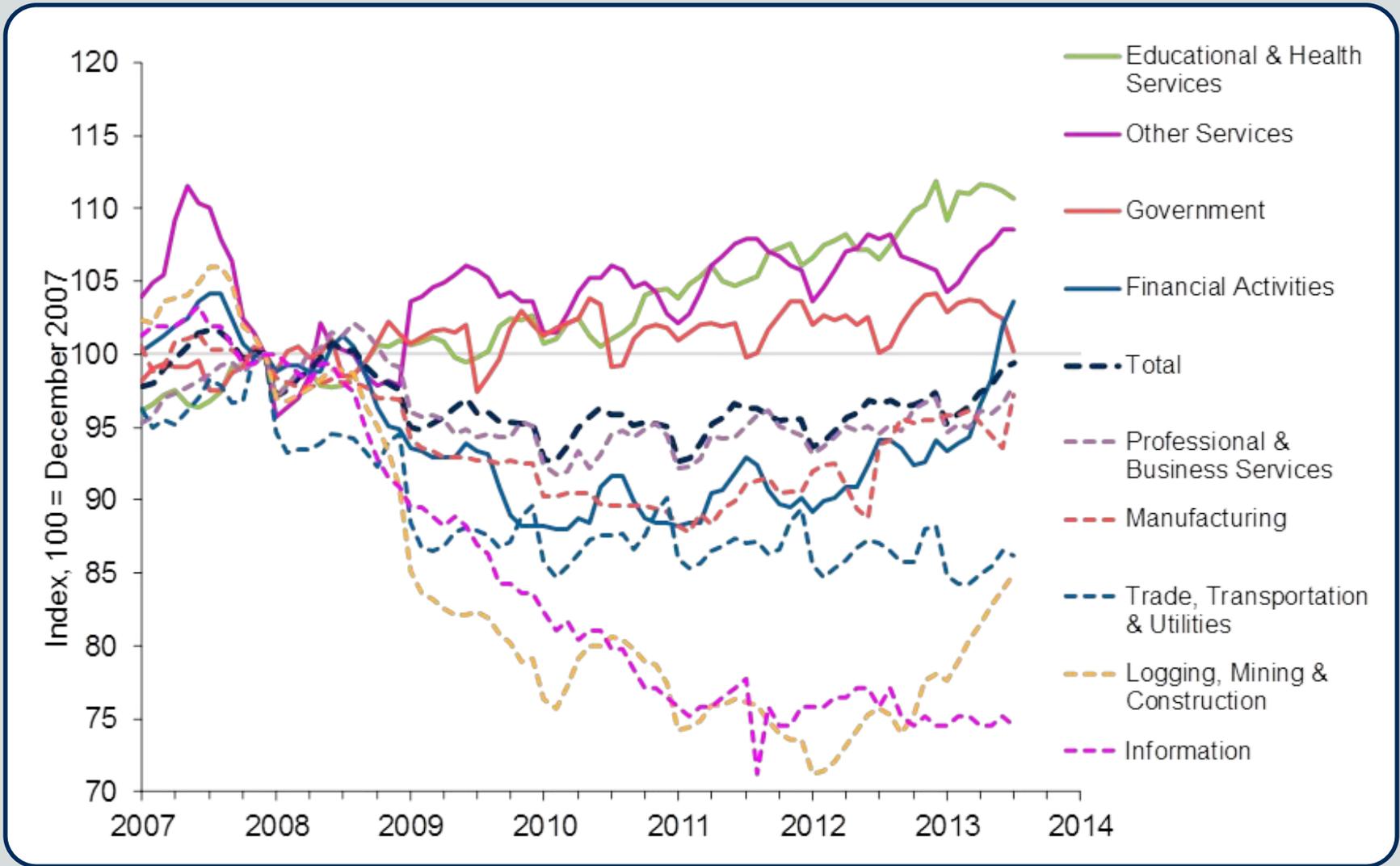
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# Virginia Beach Industry Growth Since the Great Recession Through July 2013



# Virginia Beach Industry Growth Since the Great Recession Through July 2013



Source: Bureau of Labor Statistics/Haver Analytics

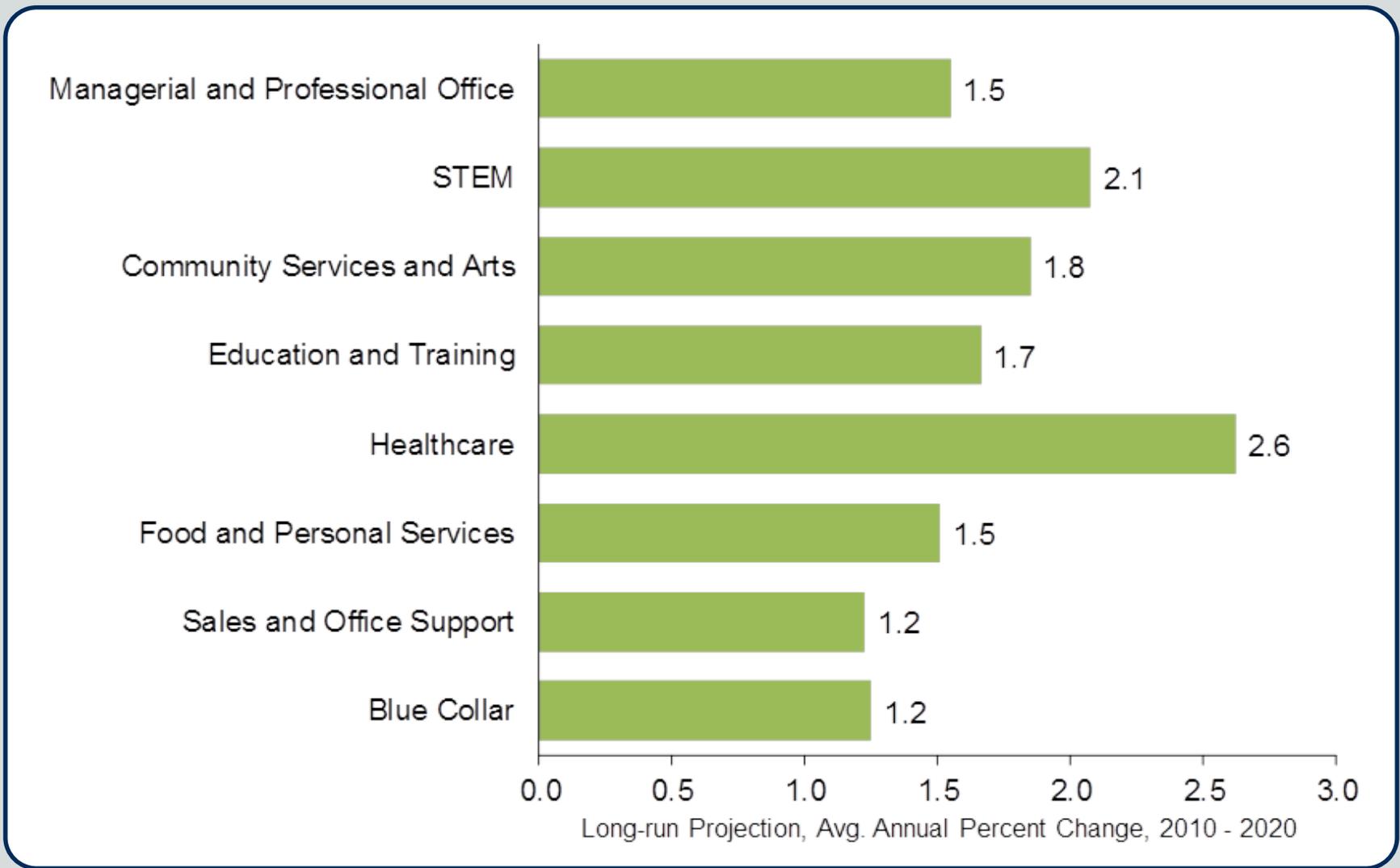
# Hampton Roads Industry Projections - Major Sectors

<b>Industry Title</b>	<b>Net Change, 2010-2020</b>	<b>Average Annual % Change, 2010-2020</b>
Total - All Industries	84,975	1.53%
Education & Health Services	28,888	2.43%
Professional & Business Services	15,377	2.10%
Trade, Transportation & Utilities	12,969	1.37%
Construction	7,108	2.48%
Leisure & Hospitality	7,033	1.29%
Financial Activities	3,876	1.38%
Unclassified	3,077	0.75%
Other Services	2,612	1.53%
Government	2,340	0.36%
Manufacturing	1,025	0.42%
Information	676	0.69%
Natural Resources & Mining	-6	-0.20%

# Hampton Roads Industry Projections - Industry Detail

<b>Industry Title</b>	<b>Net Change, 2010-2020</b>	<b>Average Annual % Change, 2010-2020</b>
Ambulatory Health Care Services	11,191	3.98%
Professional, Scientific, & Technical Svcs.	10,062	2.78%
Educational Services	8,519	1.62%
Food Services & Drinking Places	5,654	1.35%
Administrative & Support Services	4,984	1.71%
Offices of Physicians	4,079	3.41%
Social Assistance	4,075	4.26%
Specialty Trade Contractors	3,823	2.10%
Computer Systems Design & Related Svcs.	3,641	3.99%
Nursing & Residential Care Facilities	3,492	2.93%

# Hampton Roads Employment Projections by Occupation Type



# Concluding Thoughts

- ❖ Economy is growing at a moderate pace
- ❖ Labor market trends complicate the path of future economic growth
- ❖ Skills mismatch likely a contributor to high unemployment, especially for long-term unemployed
- ❖ Hampton Roads employment trends favorable
- ❖ Healthcare and STEM have highest growth potential



The views expressed here are those of the author, and do not necessarily represent those of the Federal Reserve Bank of Richmond or the Federal Reserve System.

