



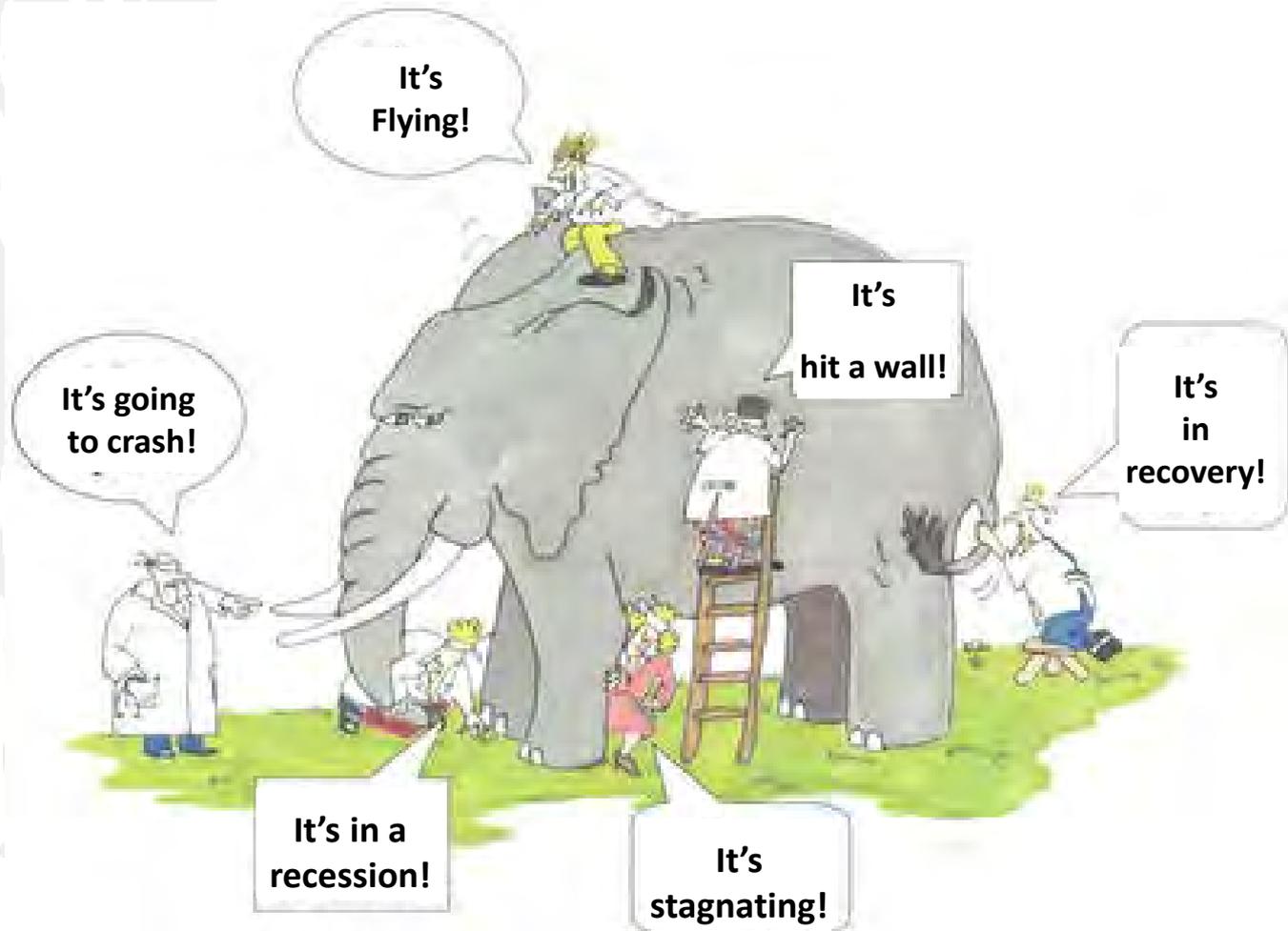
**The Economy—
How are We
REALLY doing?**



The Economy

THE FABLE OF THE BLIND MEN AND THE ELEPHANT

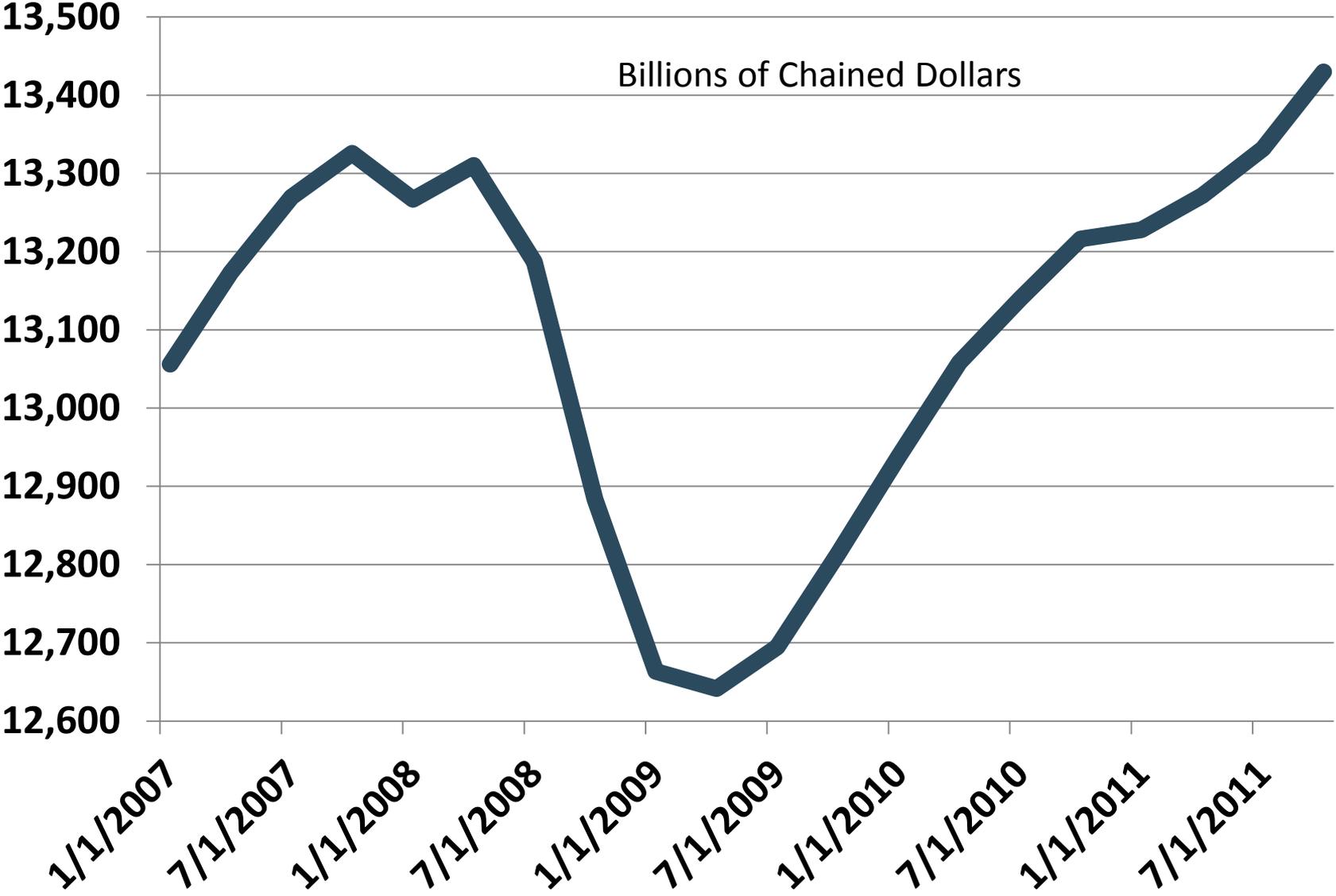
Economic analysis based on monthly changes in data is misleading.



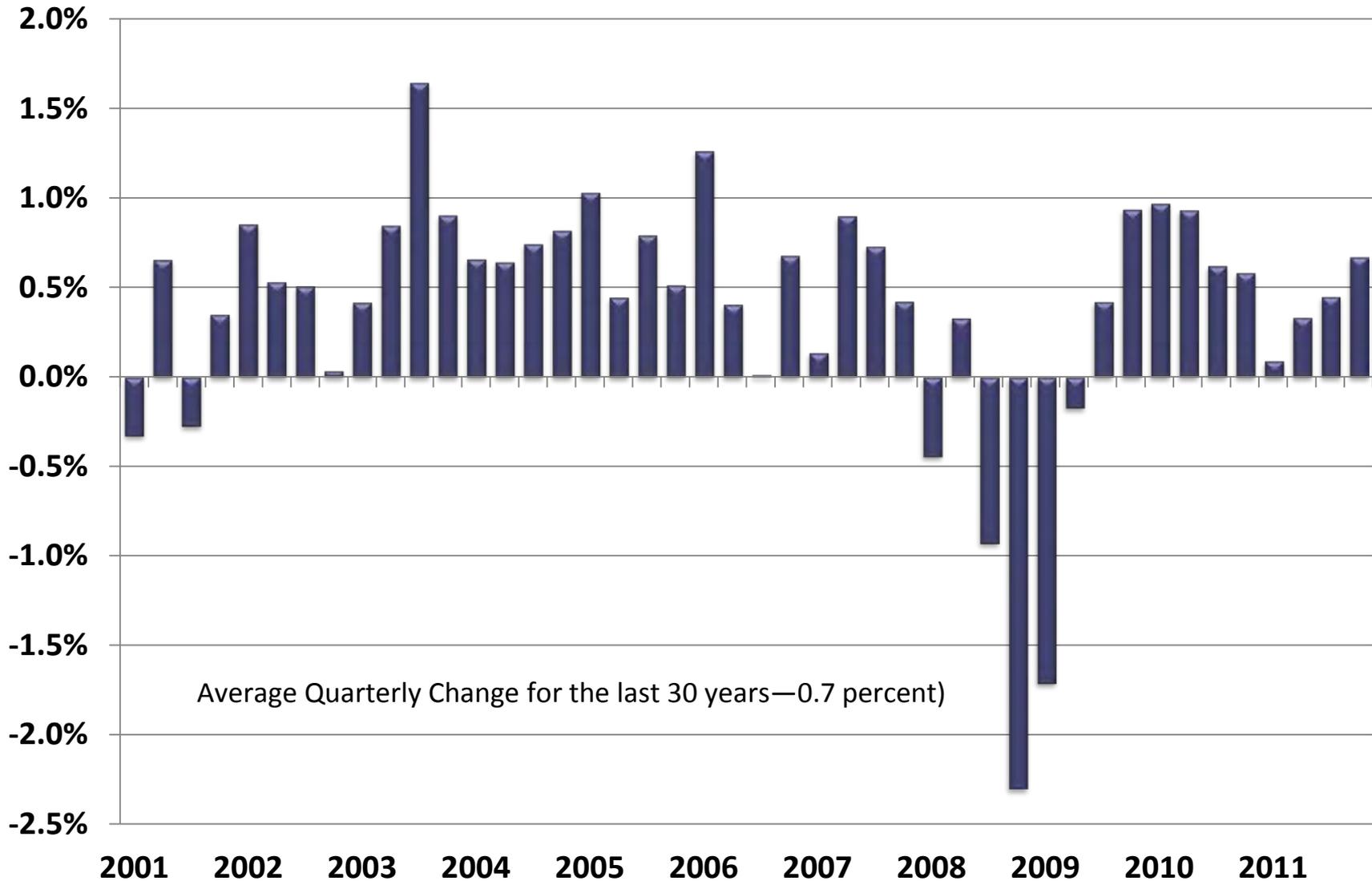


GDP Growing at a moderate rate

United States Real Gross Domestic Product



Quarterly Change in U.S. Real Gross Domestic Product



“Hiring Grinds to a Halt”



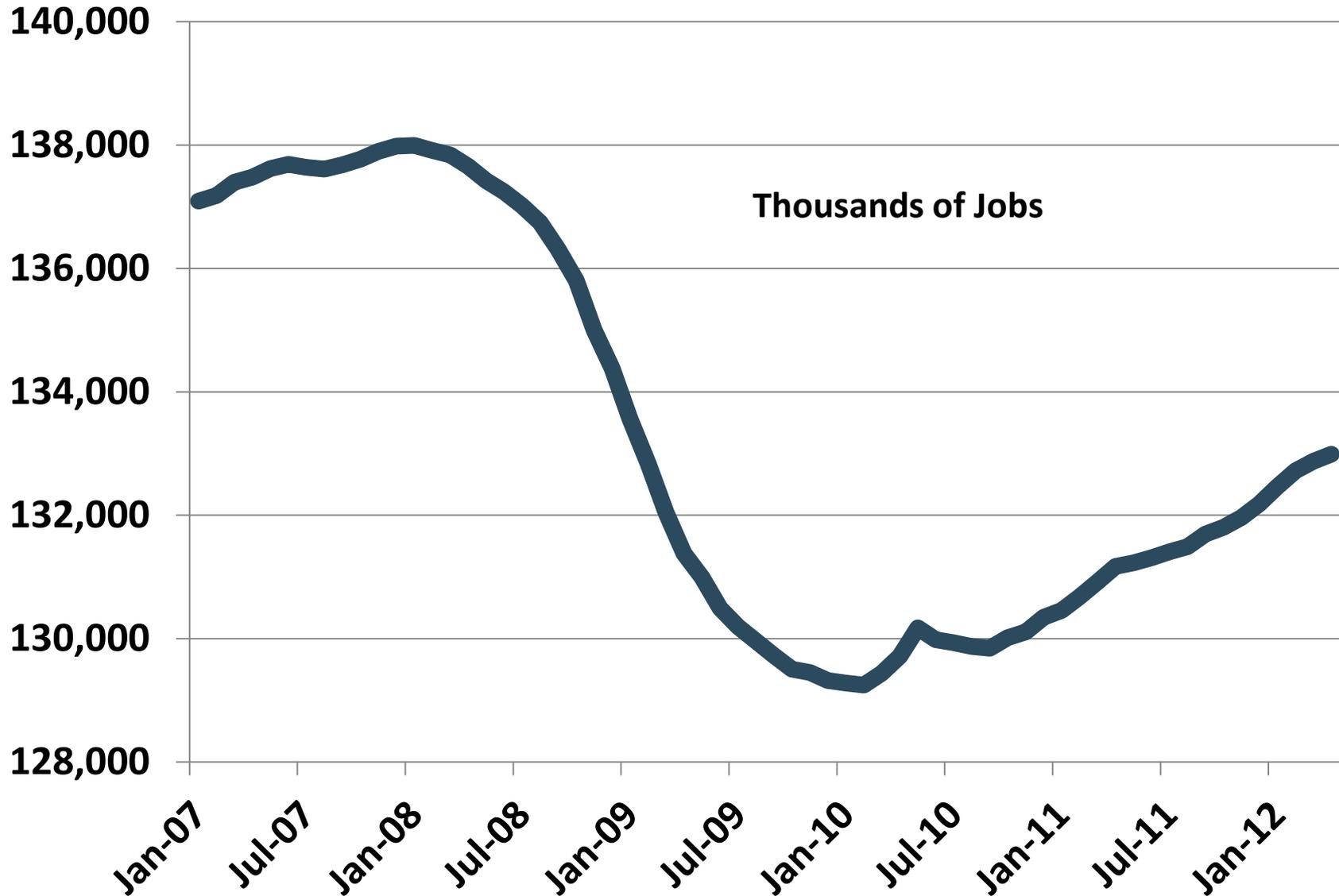
A red and white sign with the word "HIRING!" in large, bold, red letters. The sign is mounted on a white surface with a red top edge. Above the sign, a microphone on a stand is visible against a blue background.

HIRING!

Jobs are Growing

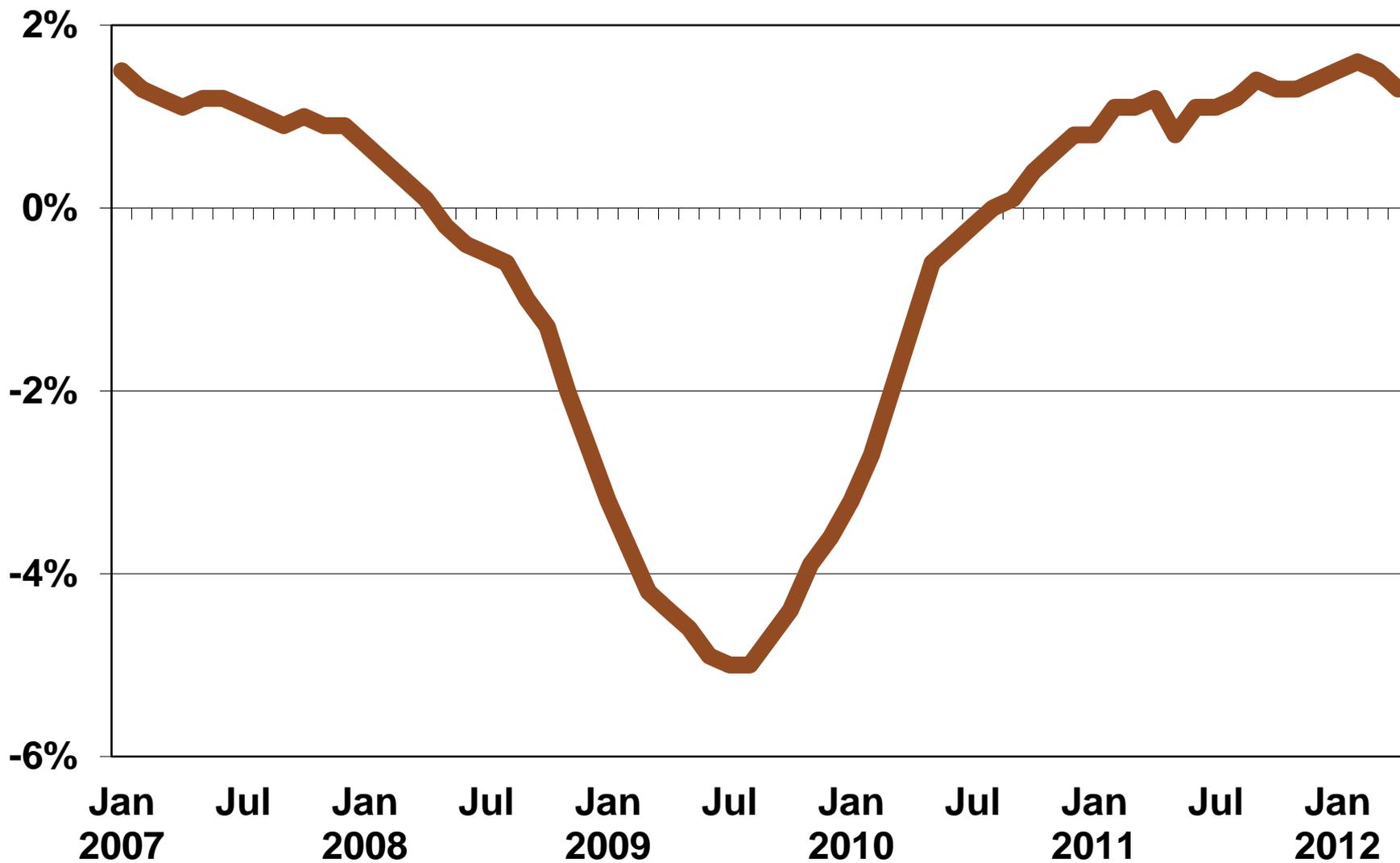
United States

Seasonally Adjusted Nonfarm Jobs

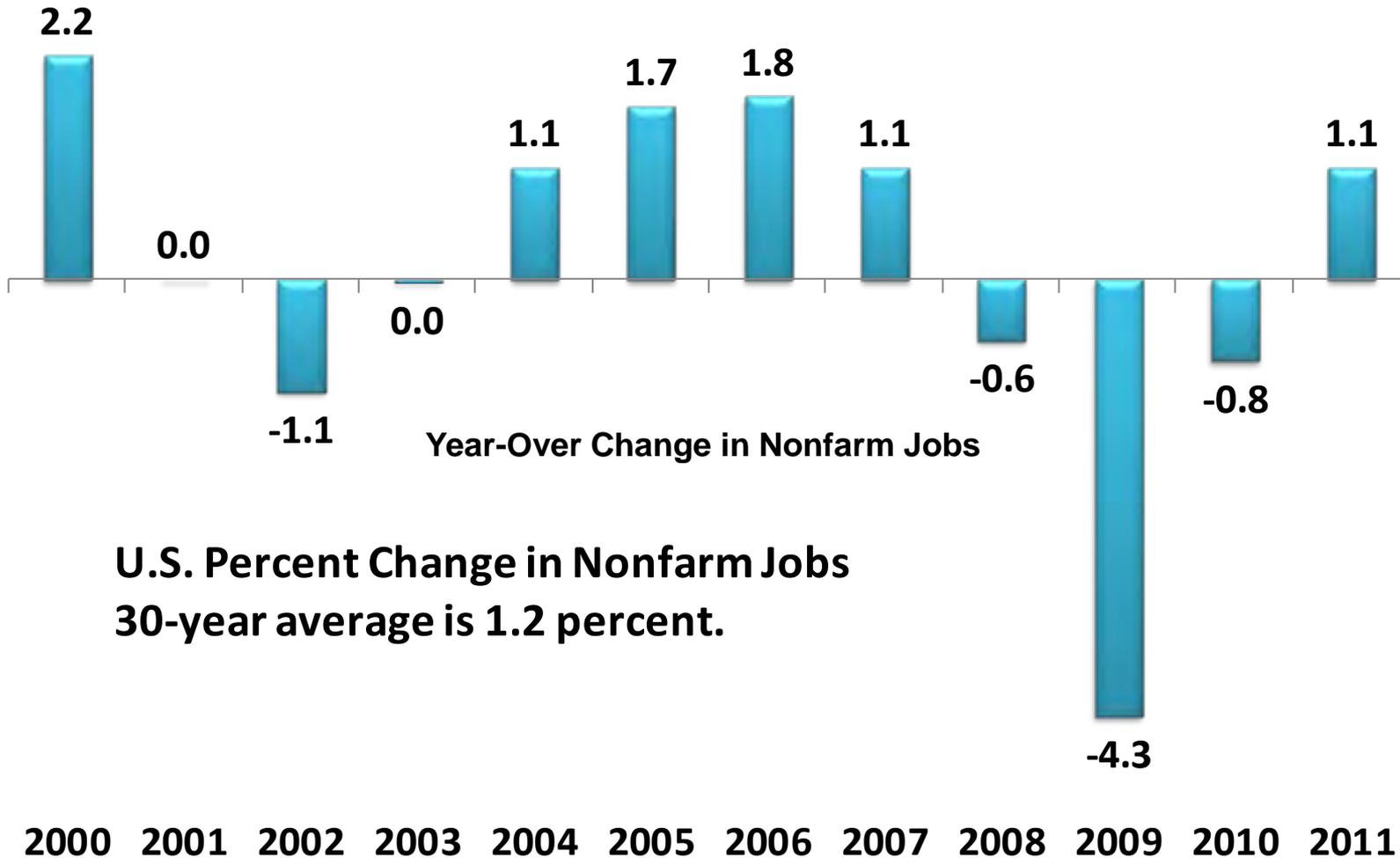


United States

Year-Over Change in NonFarm Jobs



U.S. Job Growth in Review



“Unemployment Still Stalled”

UNEMPL

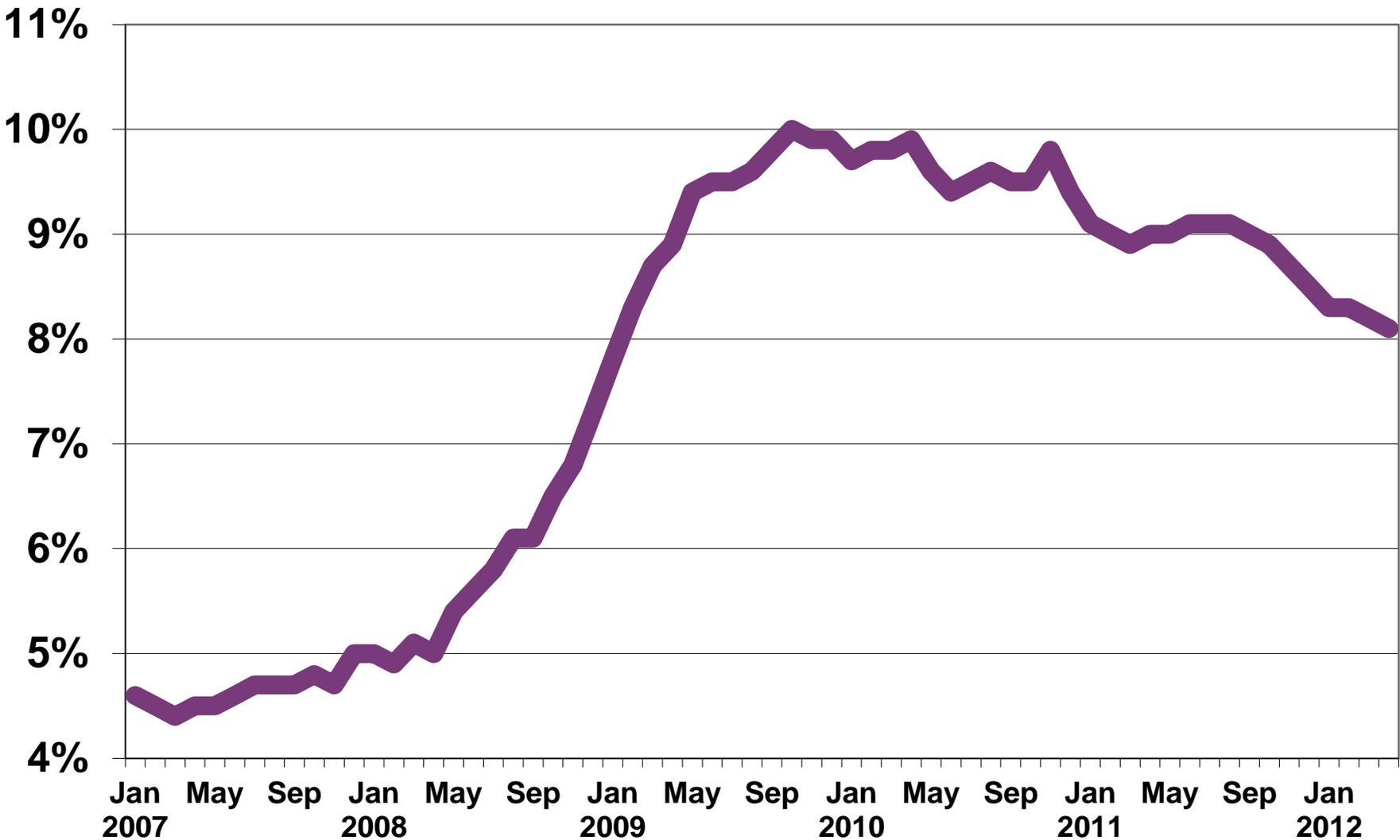




Unemployment is Trending Down

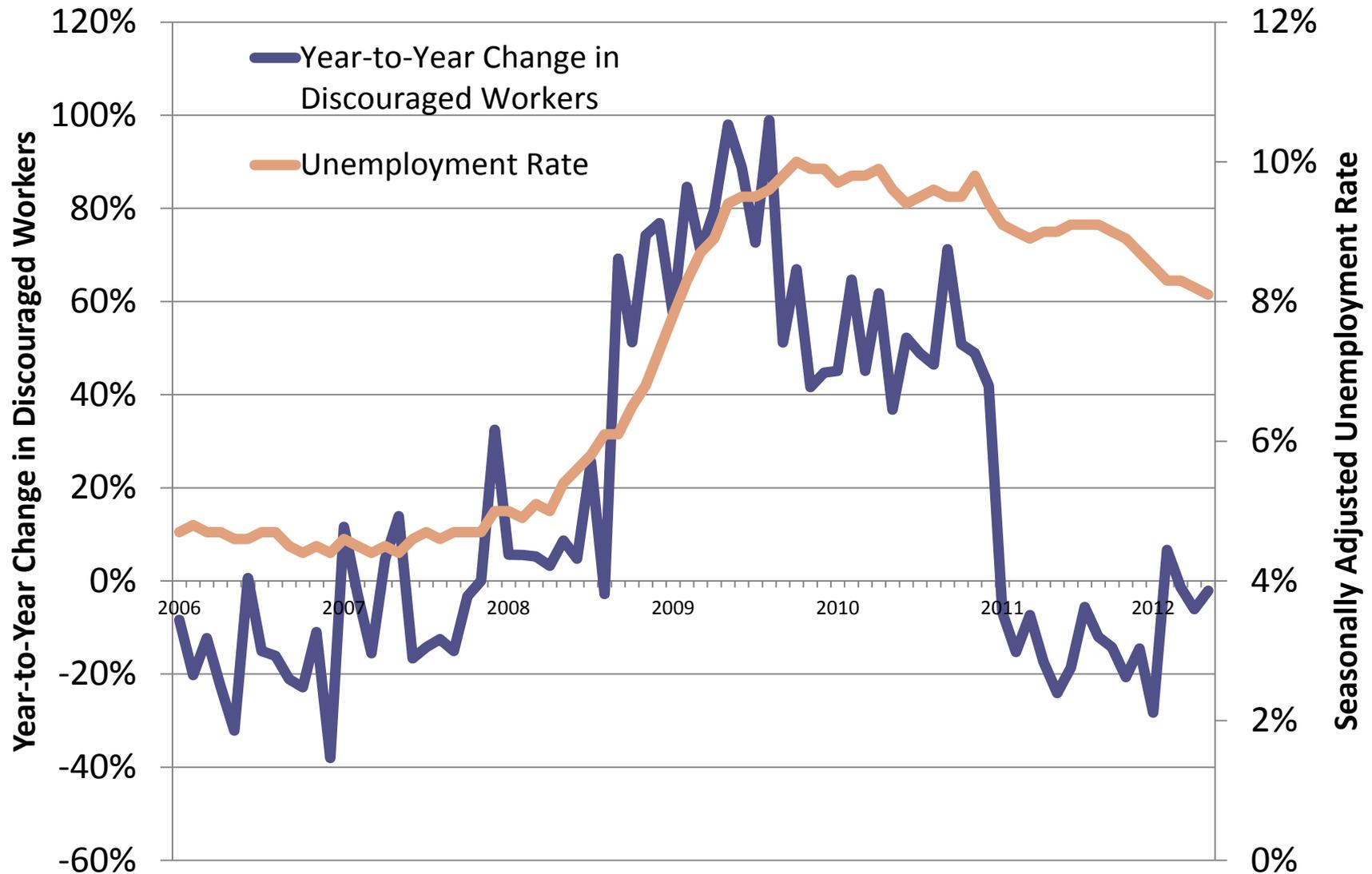
United States

Seasonally Adjusted Unemployment Rates



Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

The Number of Discouraged U.S. Workers has declined along with the Unemployment Rate



Source. U.S. Bureau of Labor Statistics.

Unemployment Insurance Claims “exploded.”

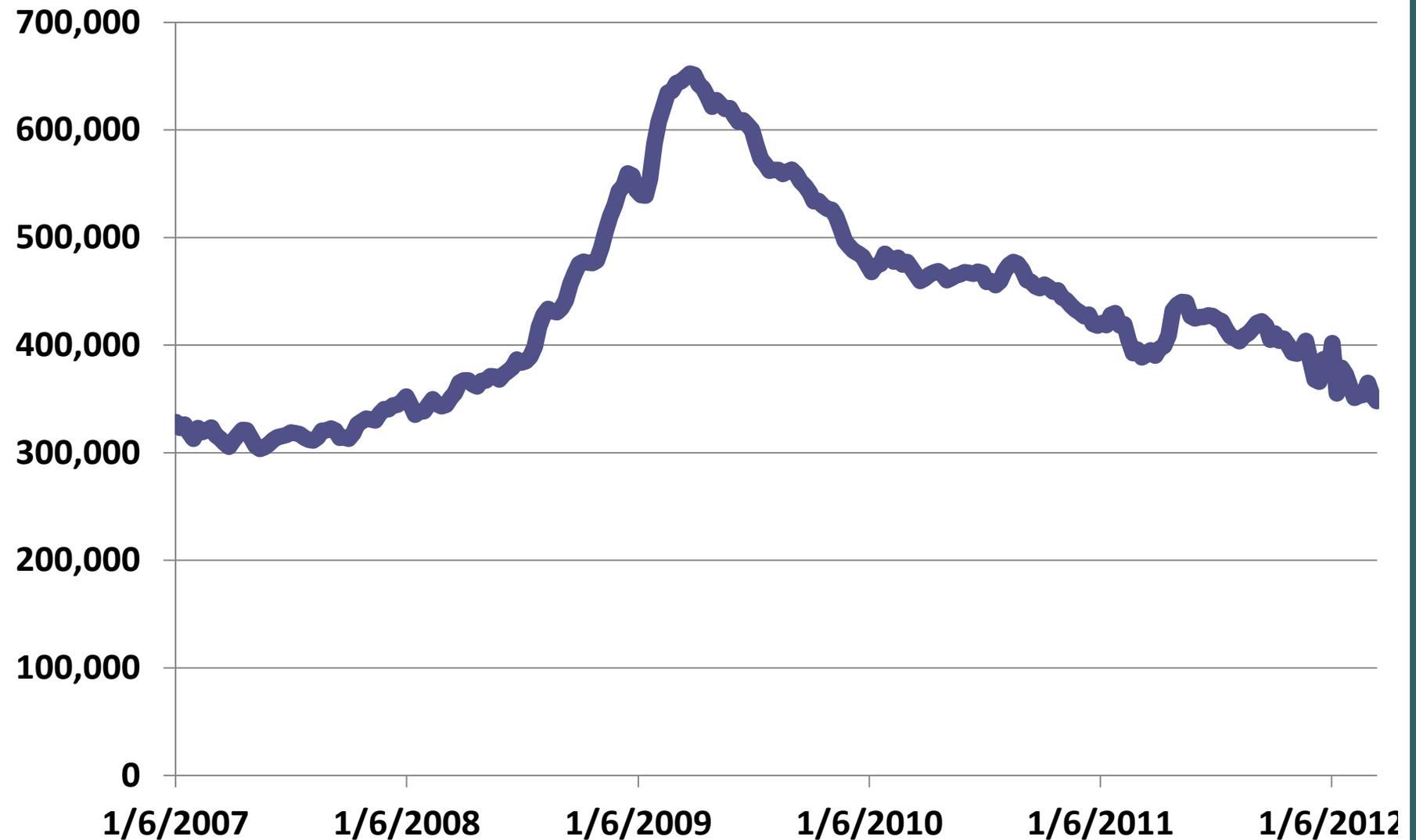


EMPLOYMENT DISABILITY CLAIMS



Claims are Trending Down

United States Four-Week Moving Average of Seasonally Adjusted Initial Claims



“Retail Sales Disappoint”

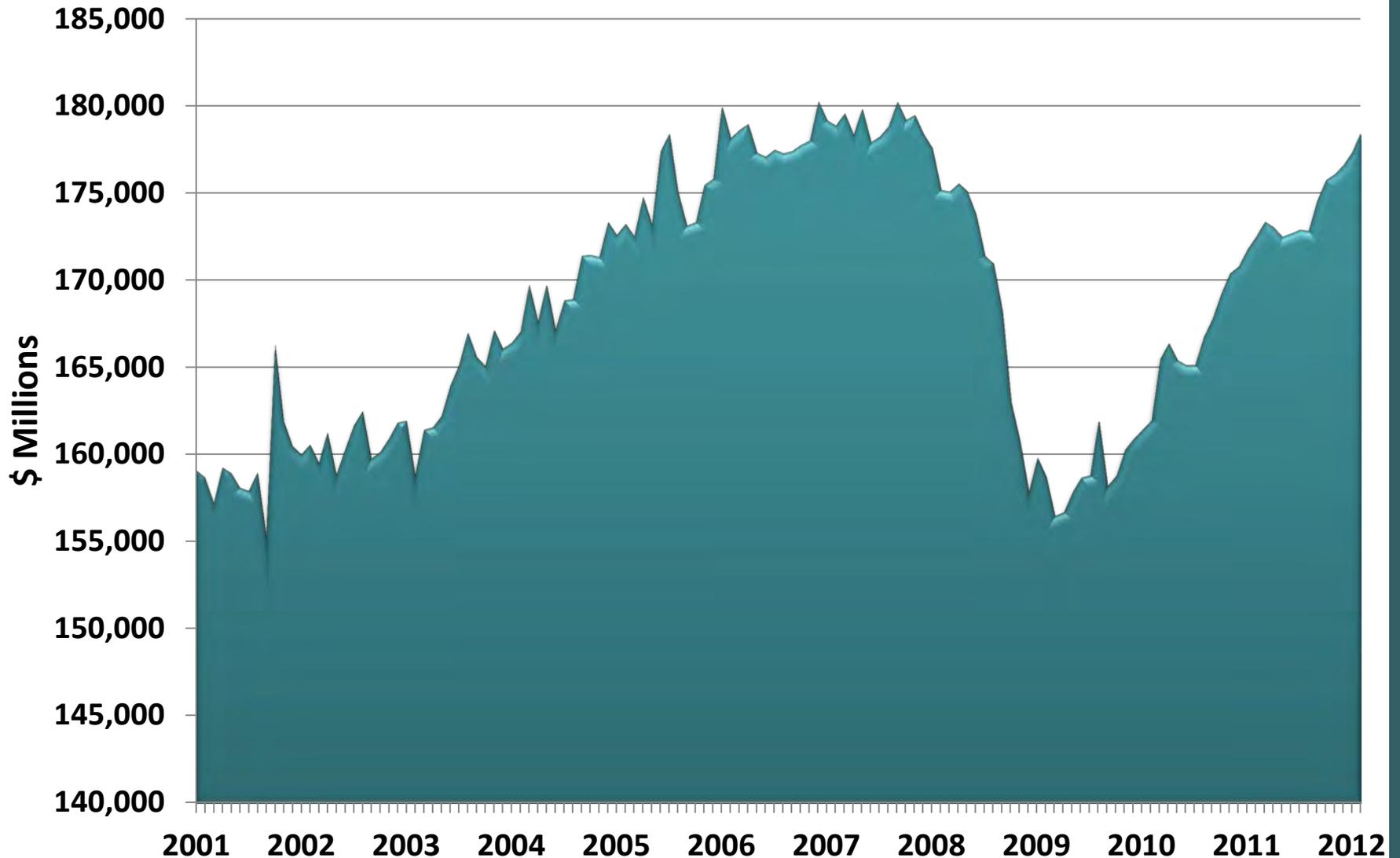




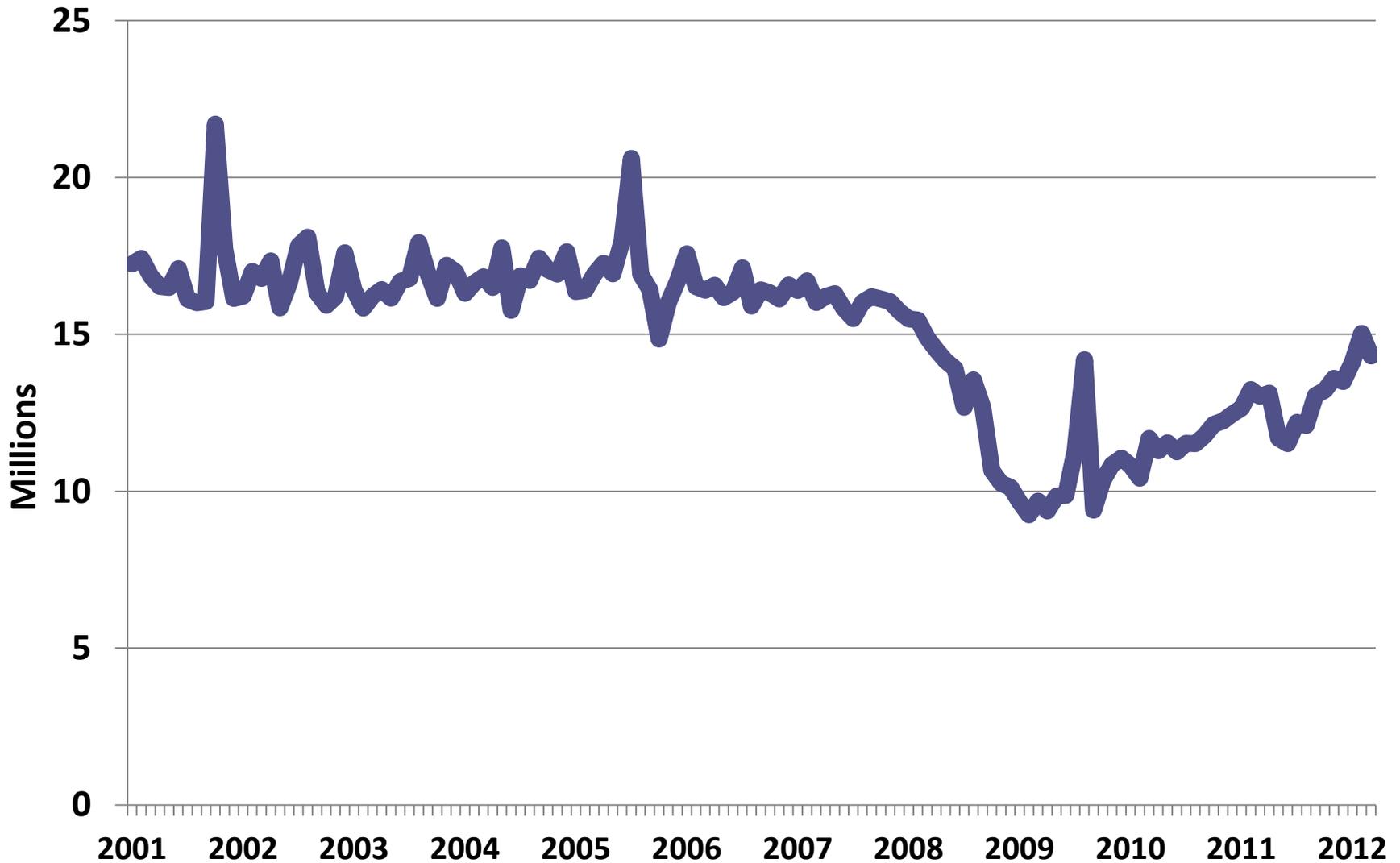
Sales have grown consistently

United States

Real Retail and Food Service Sales



United States Light Truck and Car Sales



Source: U.S. Bureau of Economic Analysis.

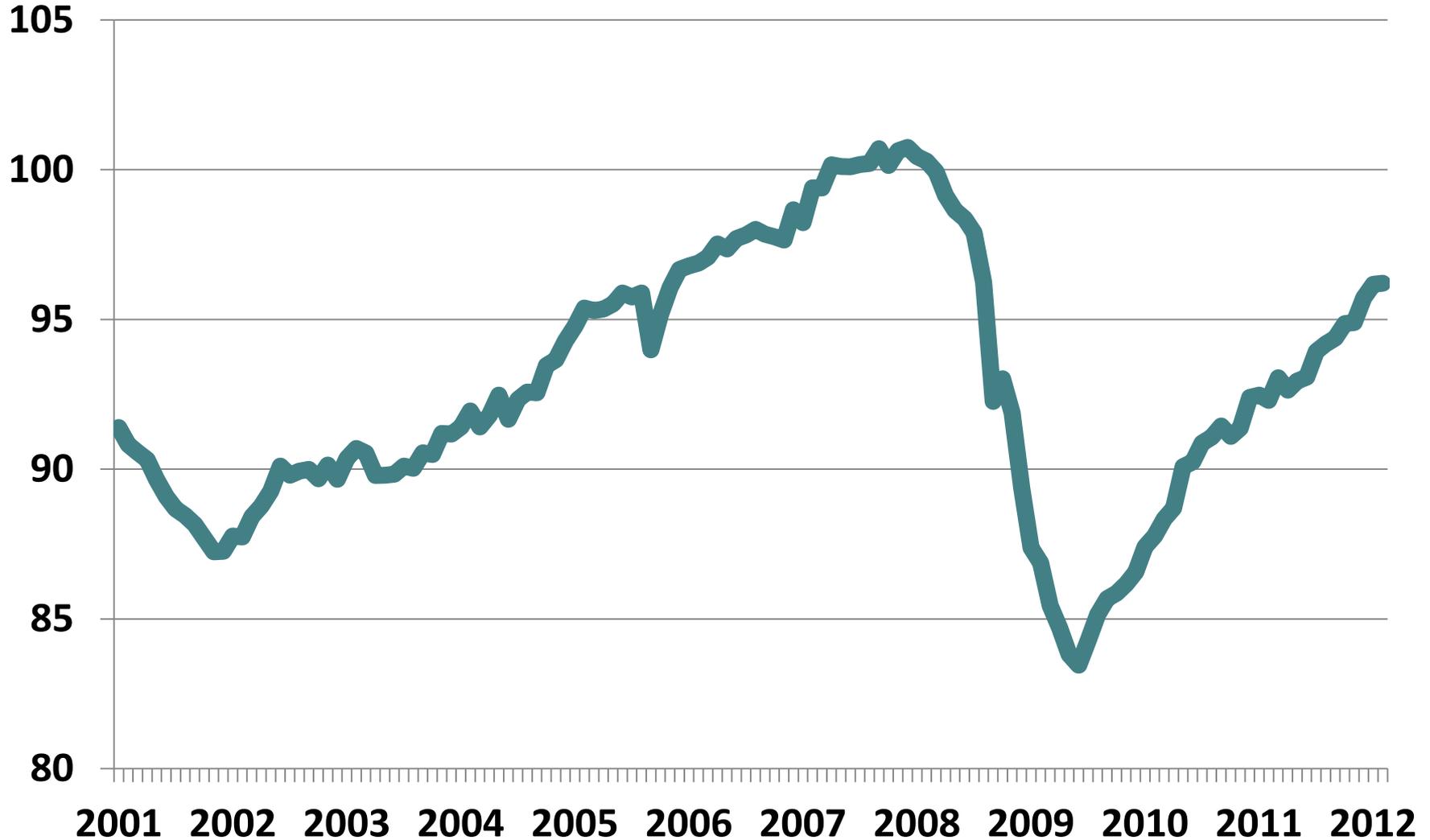
“Manufacturing Index Plunges”





Manufacturing has steadily Improved

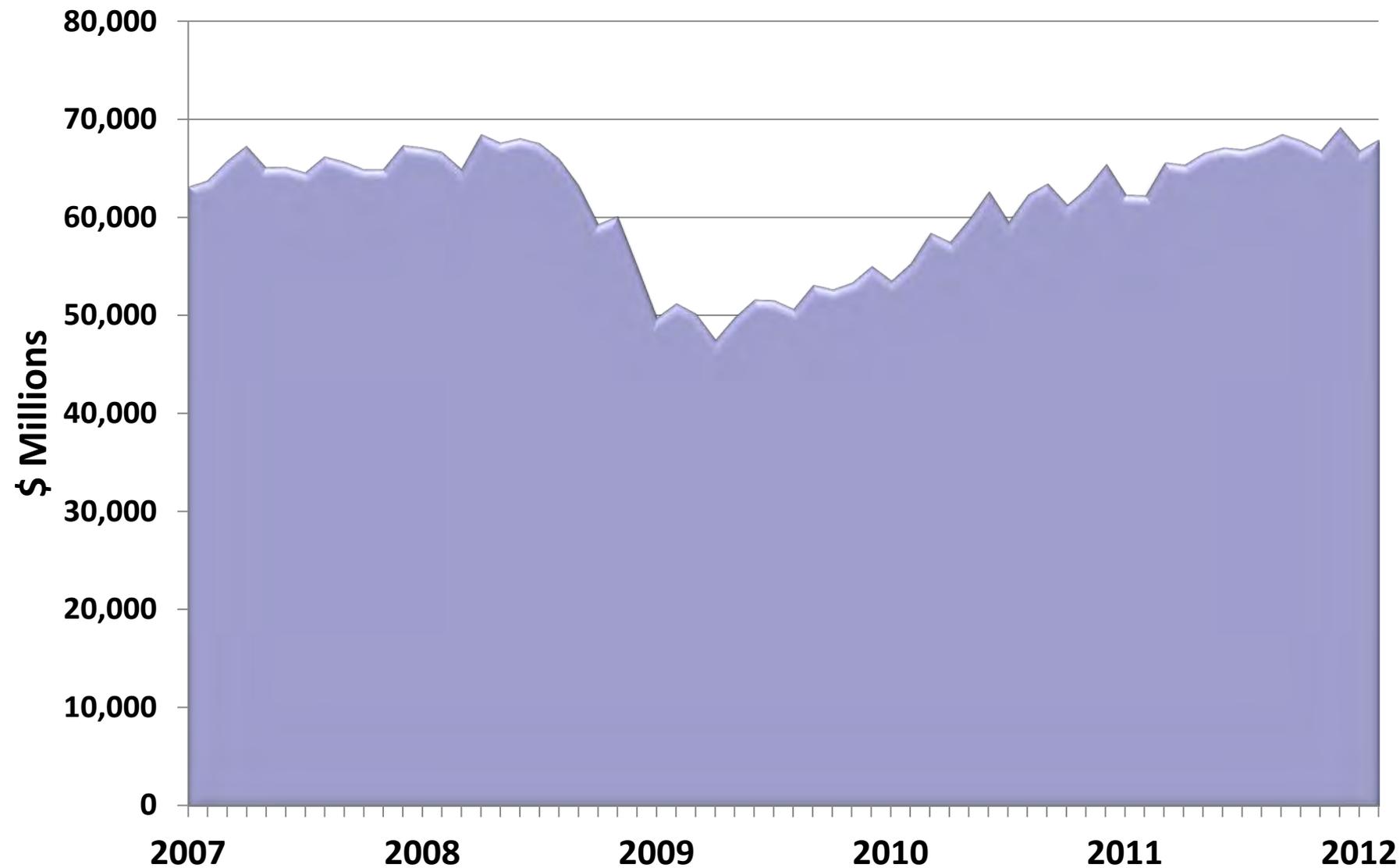
United States Industrial Production Index



Source: Board of Governors of the Federal Reserve System.

United States

New Factory Orders for Nondefense Capital Goods



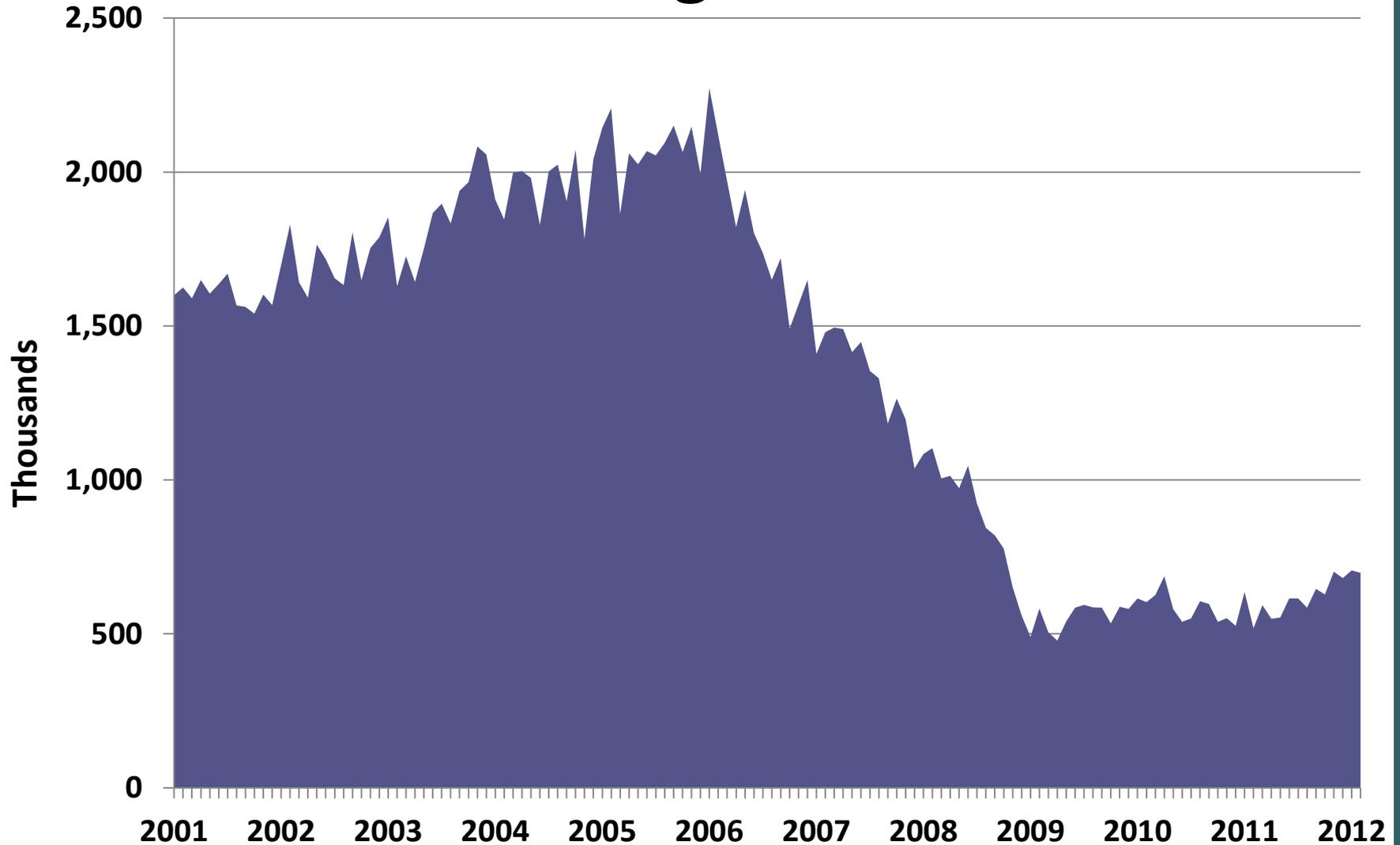
“Housing Starts Surge”





Housing starts remain low. . .

United States Housing Starts



Source: U.S. Census Bureau.

Beware. . .



In the Interest of Full Disclosure



Recently, the economic “spin” is more positive.

CRITICAL
MASS



CRITICAL
MASS



CRITICAL
MASS



CRITICAL
MASS

CRITICAL
MASS



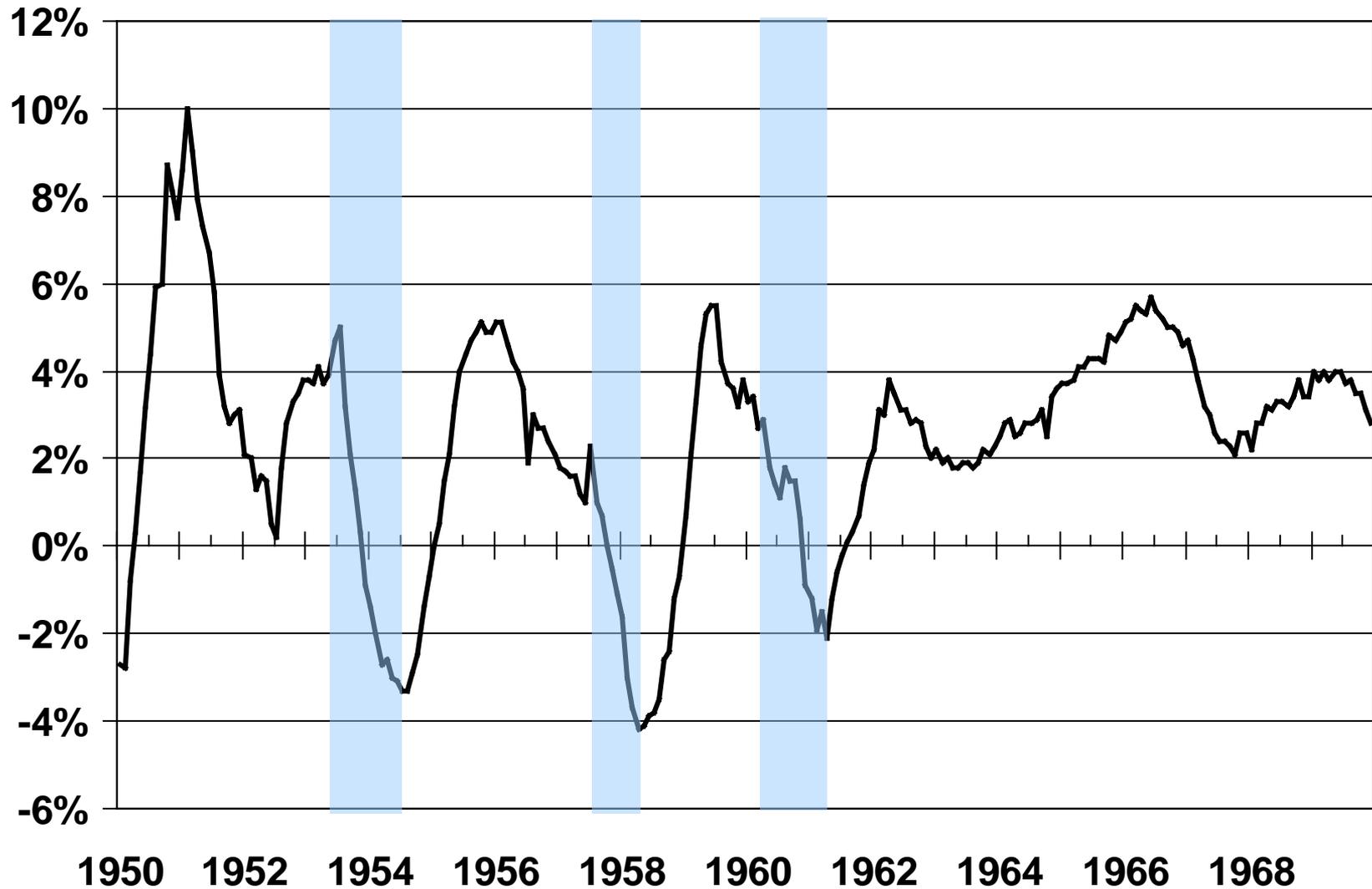
CRITICAL
MASS





Excuse me for nagging

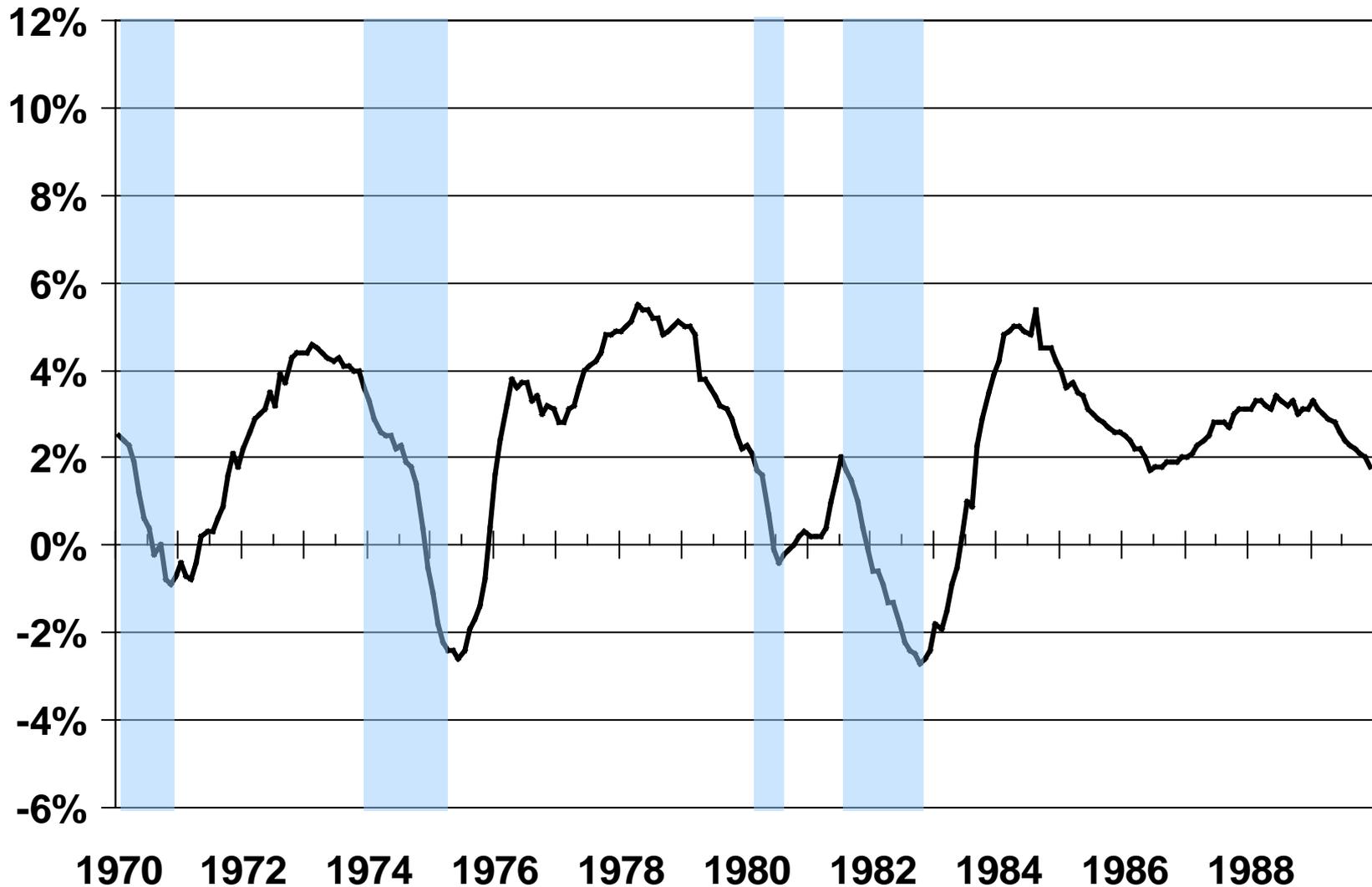
U.S. Year-Over Change in Nonfarm Jobs



Recessionary period as determined by the National Bureau of Economic Research.

Source: U.S. Bureau of Labor Statistics.

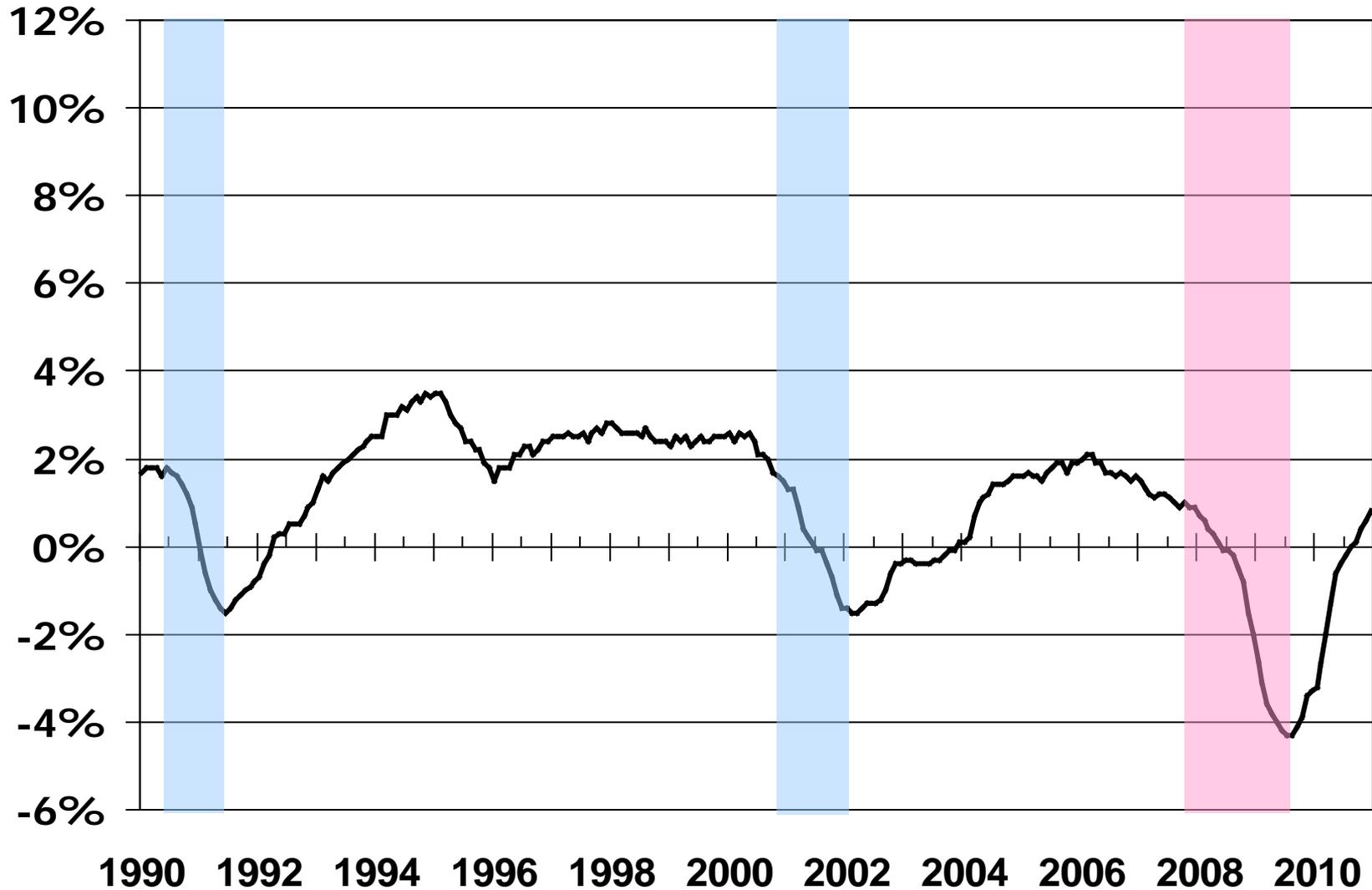
U.S. Year-Over Change in Nonfarm Jobs



■ Recessionary period as determined by the National Bureau of Economic Research.

Source: U.S. Bureau of Labor Statistics.

U.S. Year-Over Change in Nonfarm Jobs



Recessionary period as determined by the National Bureau of Economic Research.

Source: U.S. Bureau of Labor Statistics.

My Not-So-Secret Formula

- **Year-Over Percent Change in Nonfarm Jobs.**
 - “Year-over” change between one month and the same month the previous year. (March 2010 employment compared to March 2009 employment).
 - Employment data is current and some of the best data around.
 - It’s easy.
 - Available for small areas.
 - Not what the Bureau of Labor publishes in their press release—not seasonally adjusted.

$$Q\text{-Score} = \sqrt{\frac{\sum_{k=1}^m \left(\sum_{i=1}^{n_k} \sum_{j=i+1}^{n_k} (X_{ki} - X_{kj})^2 \right)}{\sum_{k=1}^m \frac{n_k \times (n_k - 1)}{2}}}$$

Most Importantly. . .

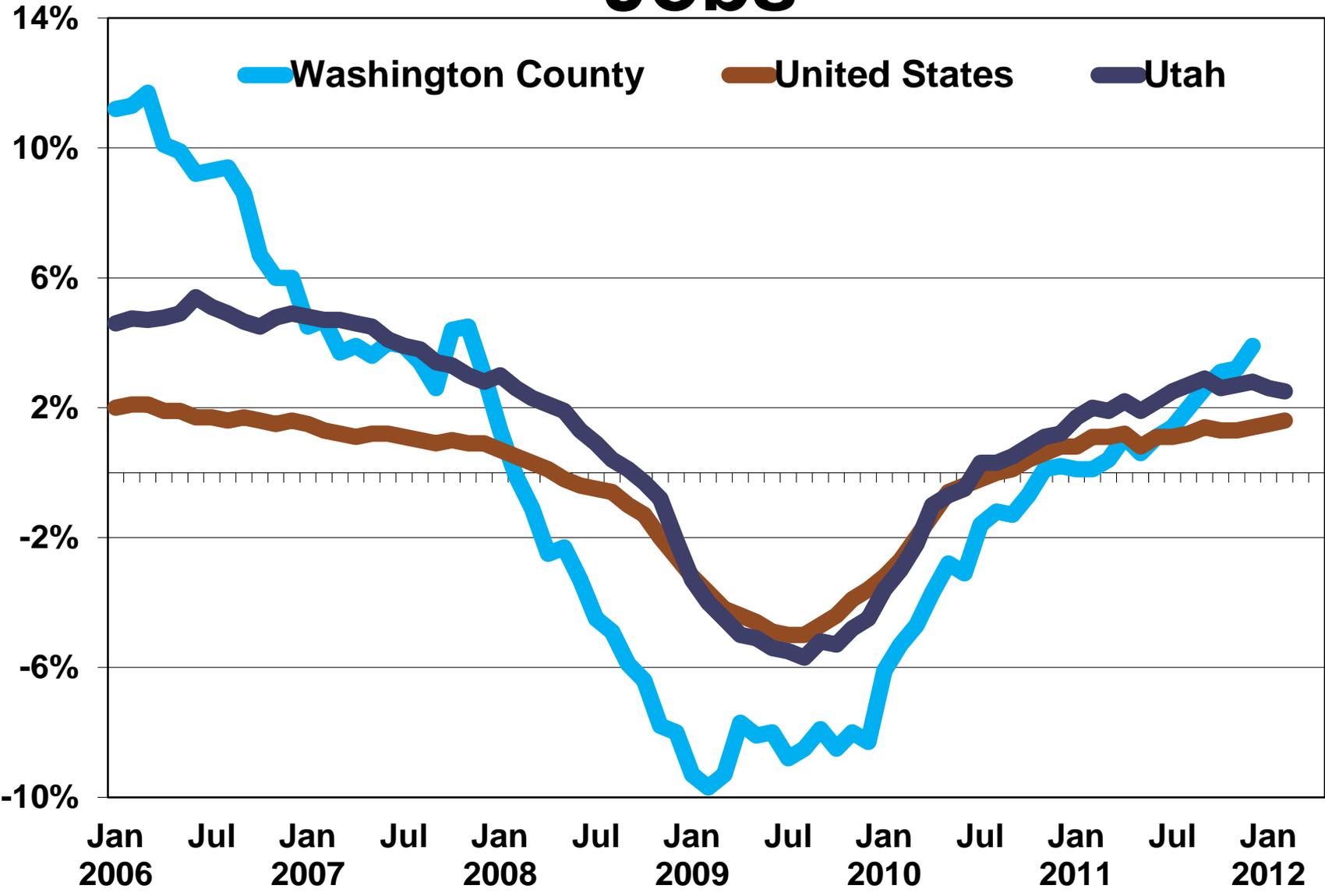
- It works!
- Nationally, when year-over growth rates trend down and eventually result in job loss, there has always a recession as defined by NBER.





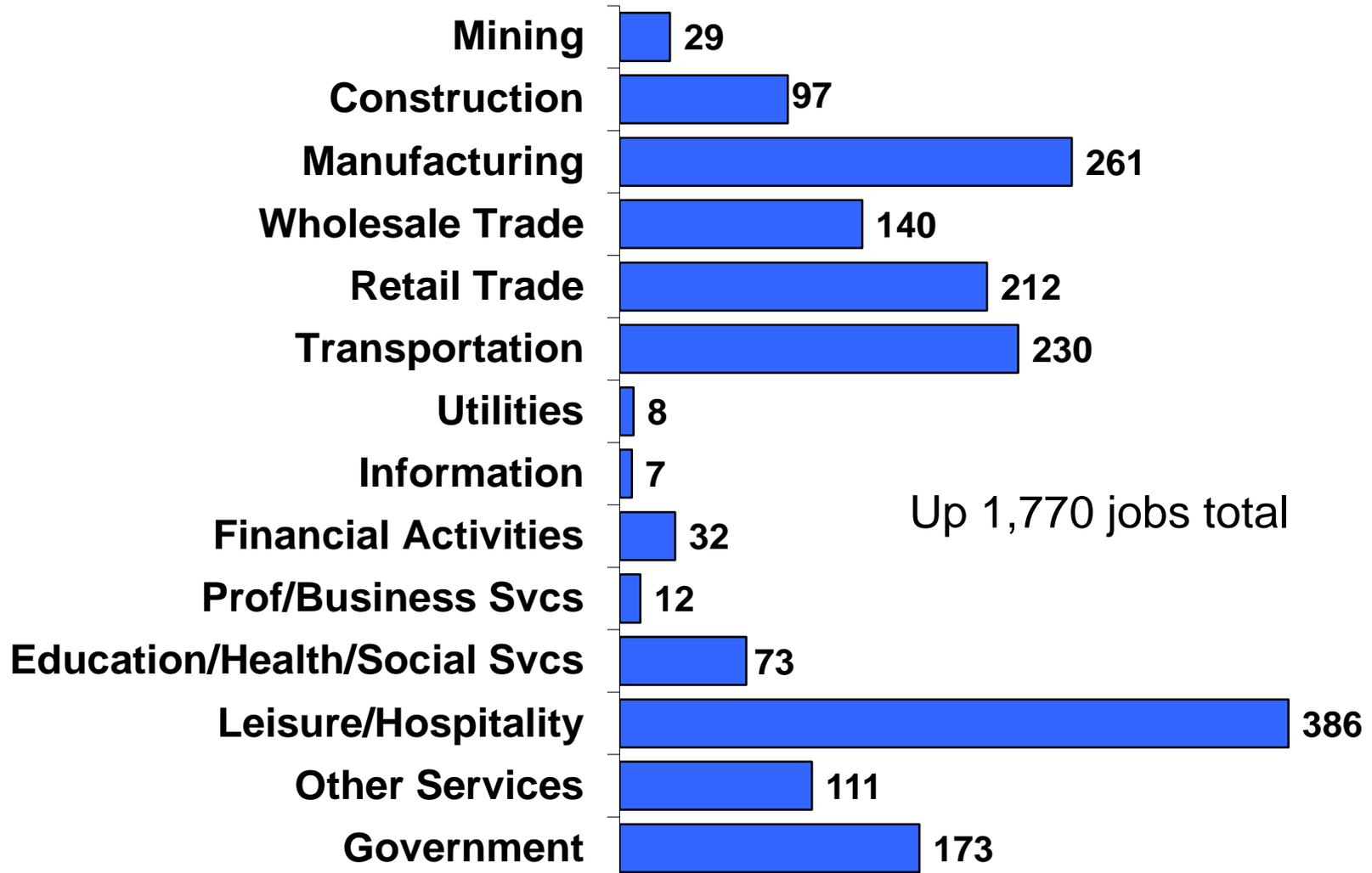
The Local Story

Year-Over Change in Nonfarm Jobs

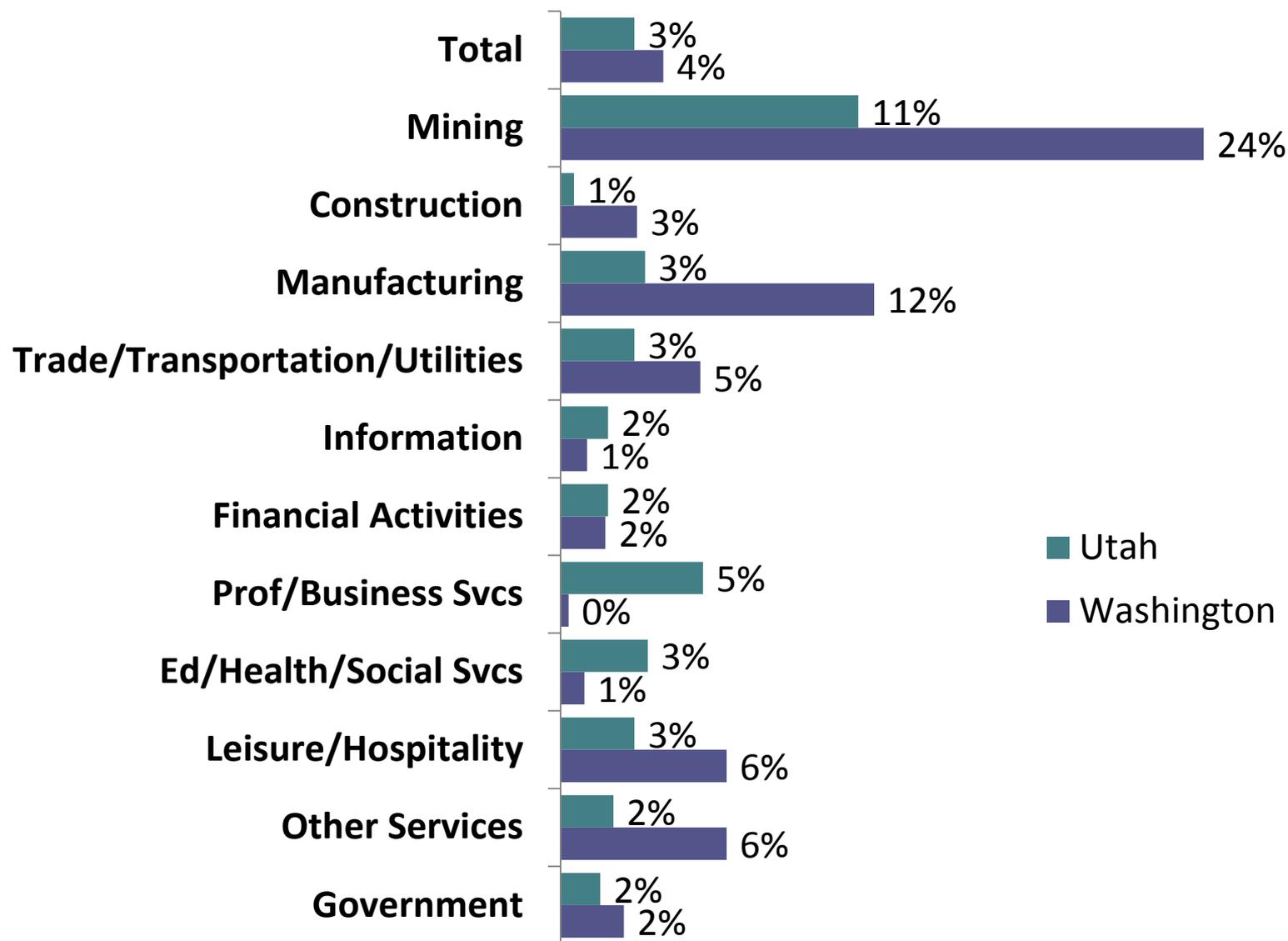


Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Washington County Year-Over Job Change December 2011 (preliminary)

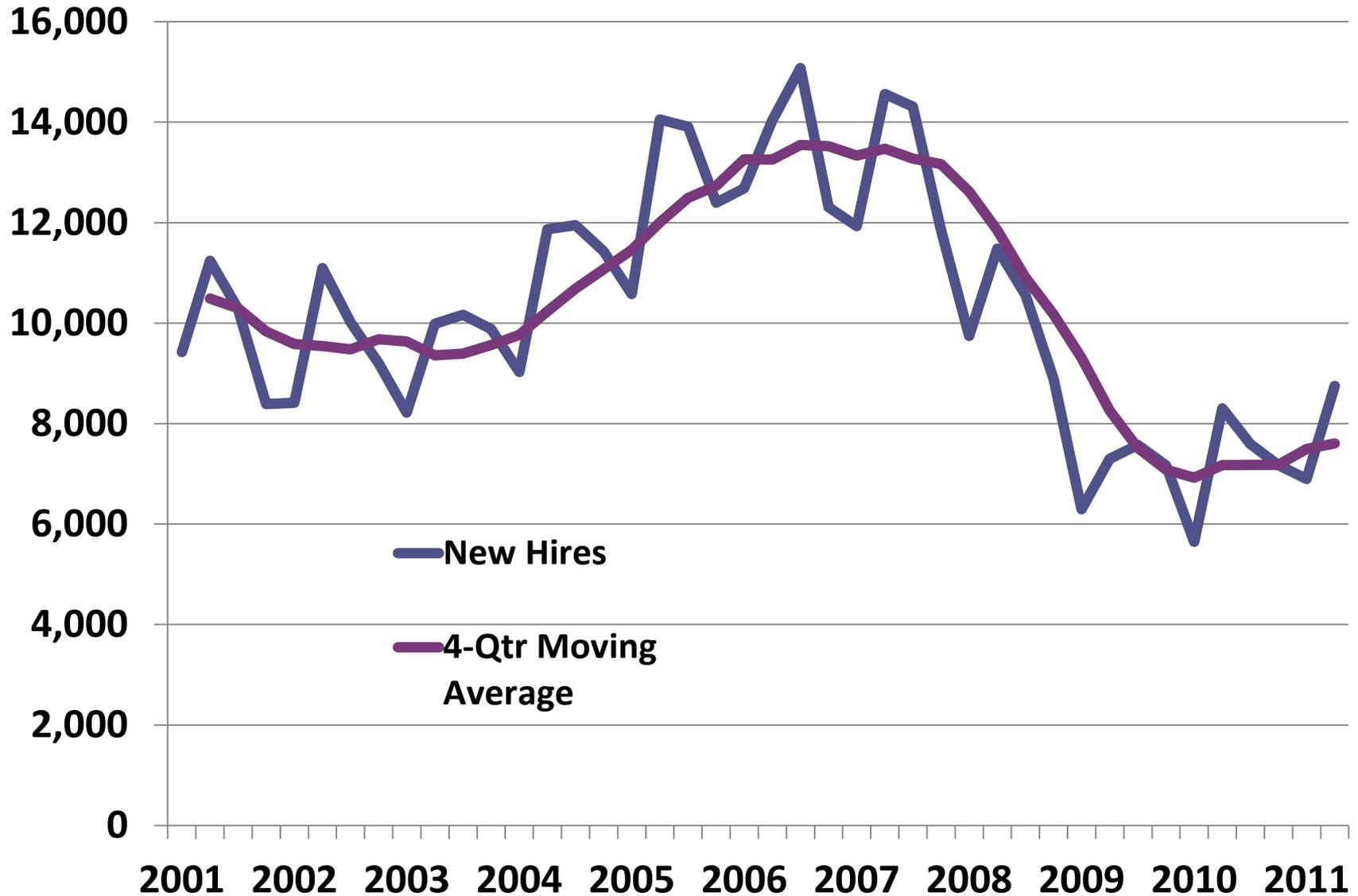


Percent Change in Nonfarm Jobs by Industry December 2010-December 2011

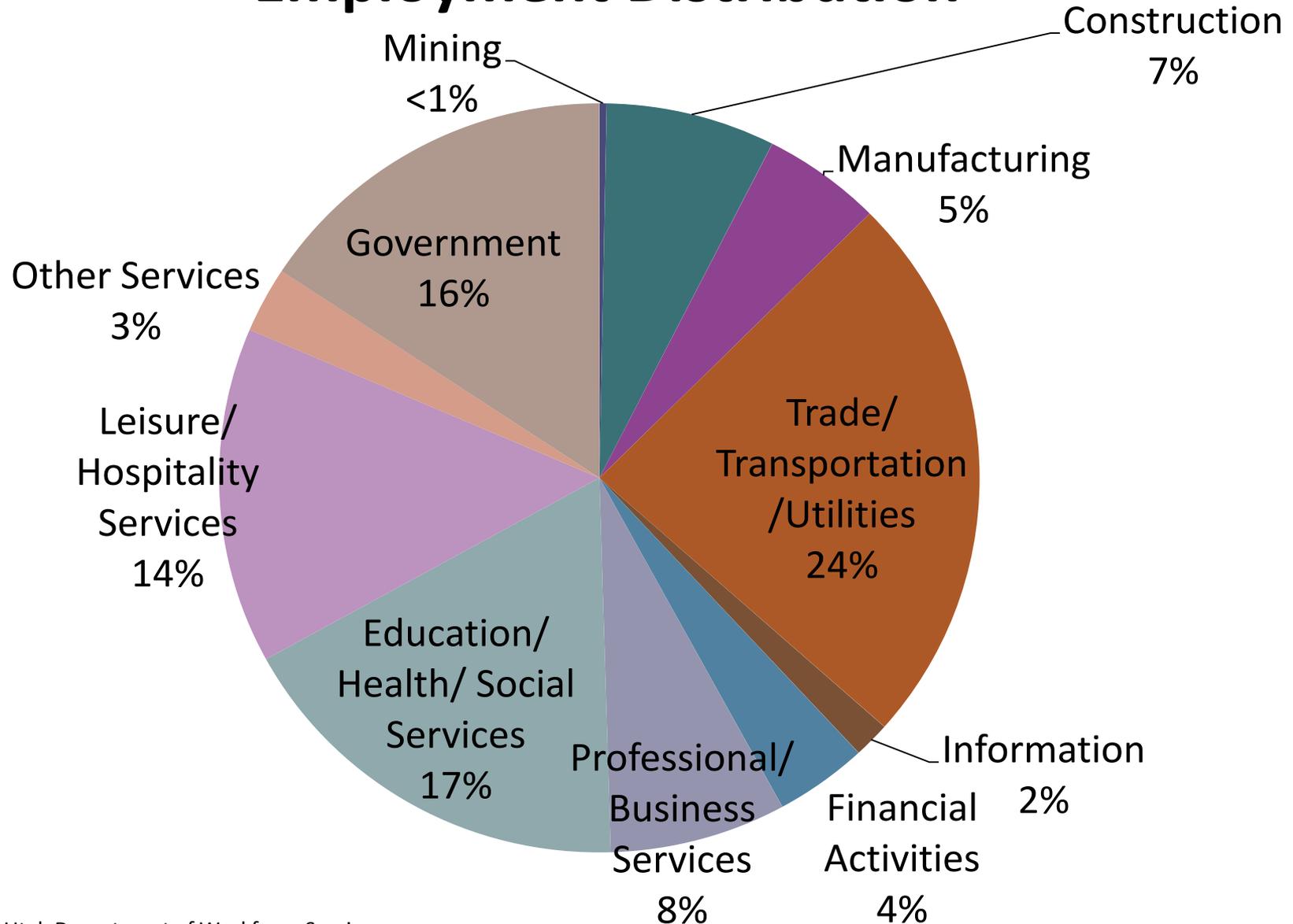


Source: Utah Dept. of Workforce Services.

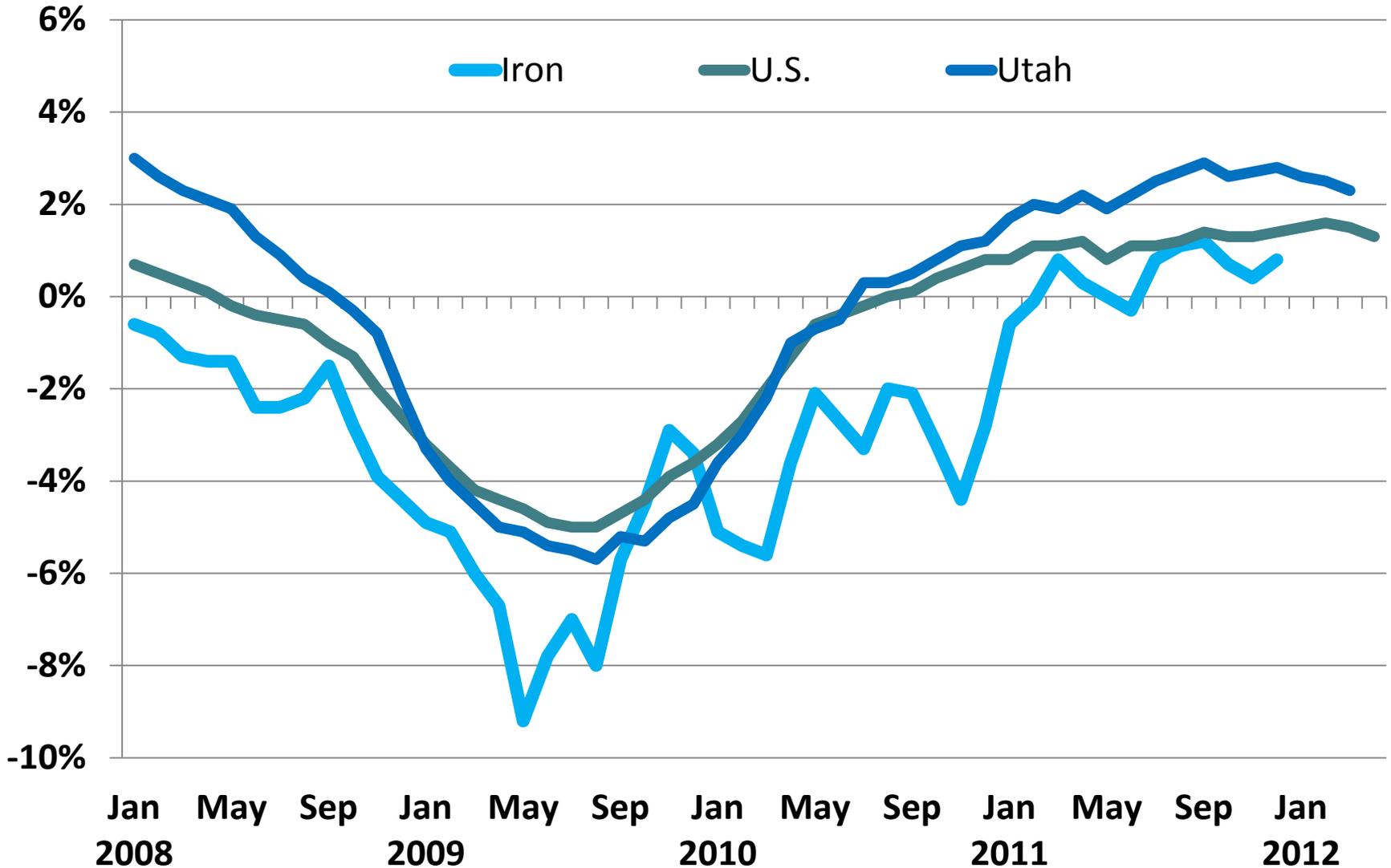
Washington County New Hires



Washington County Industry Employment Distribution

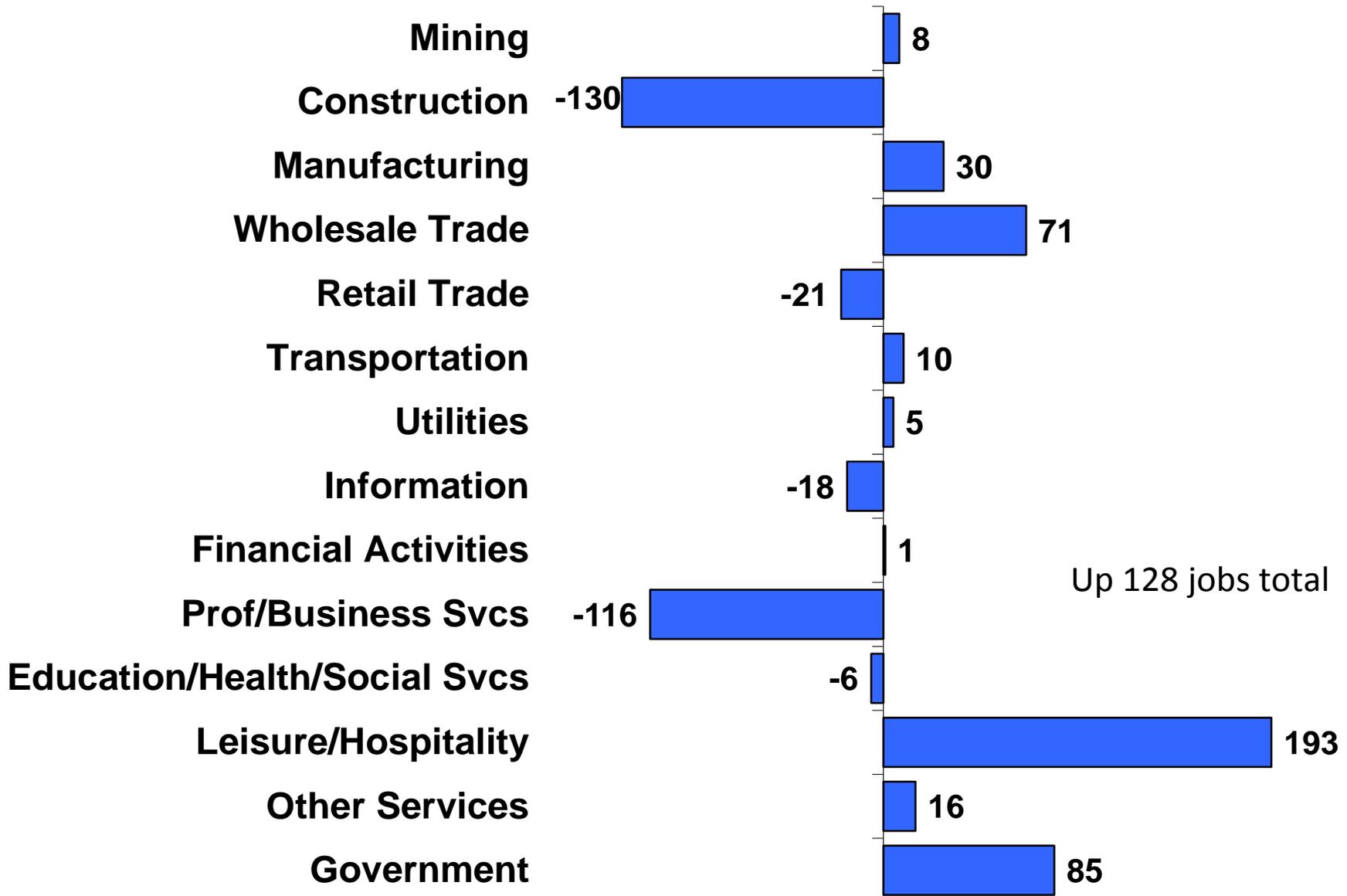


Year-Over Change in Nonfarm Jobs



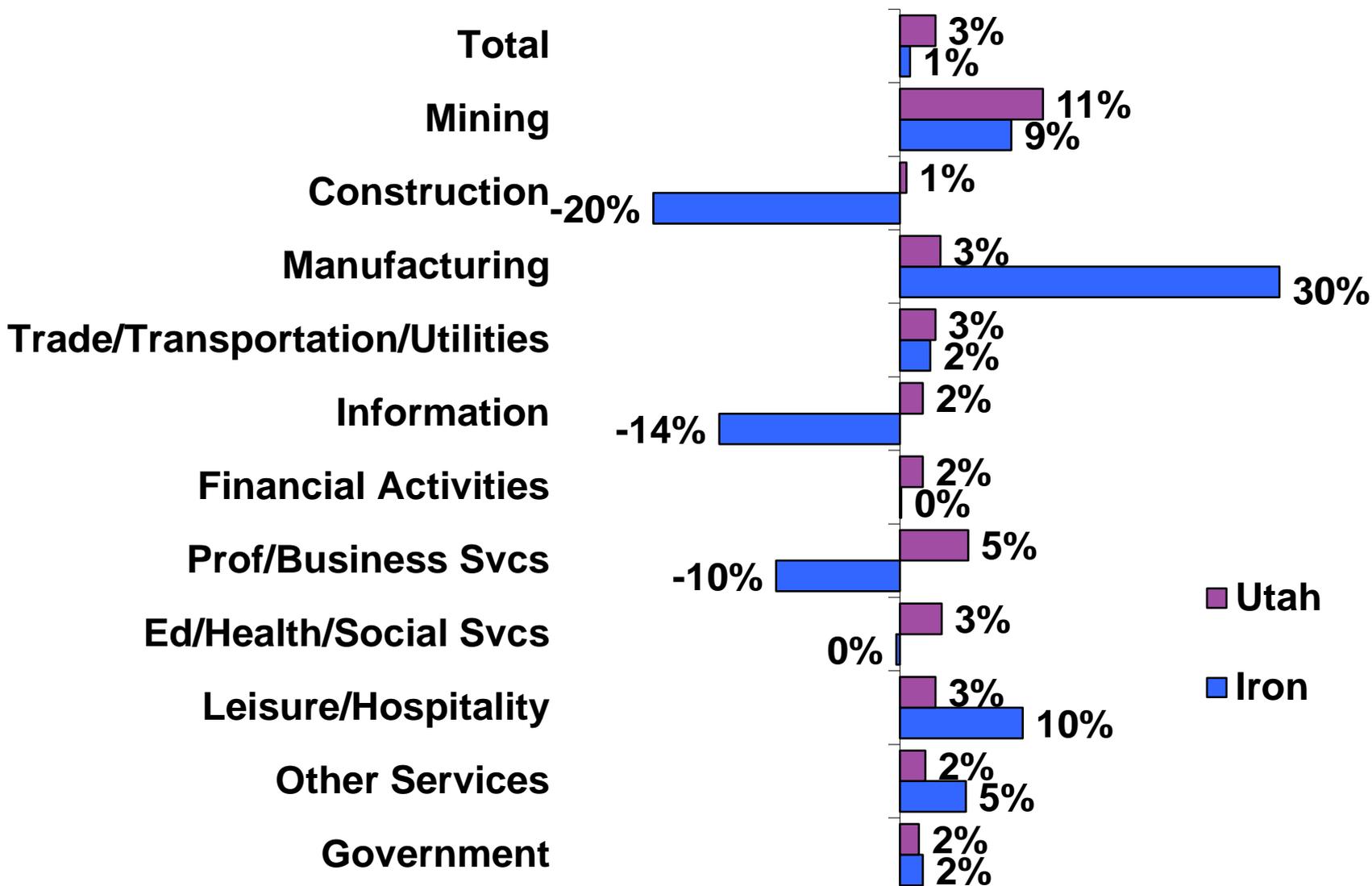
Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Iron County Year-Over Job Change December 2011 (preliminary)



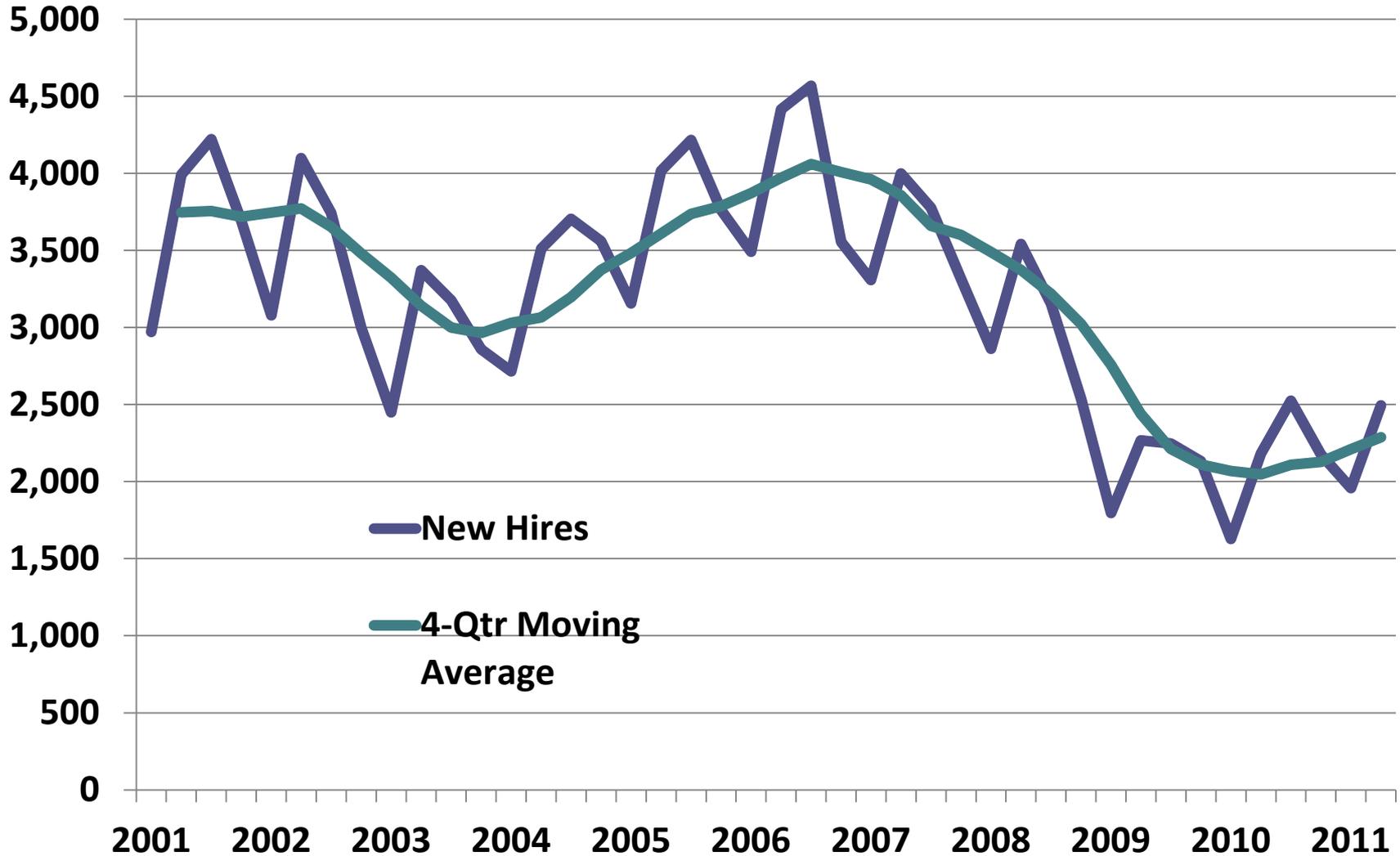
Percent Change in Nonfarm Jobs by Industry

December 2010-December 2011

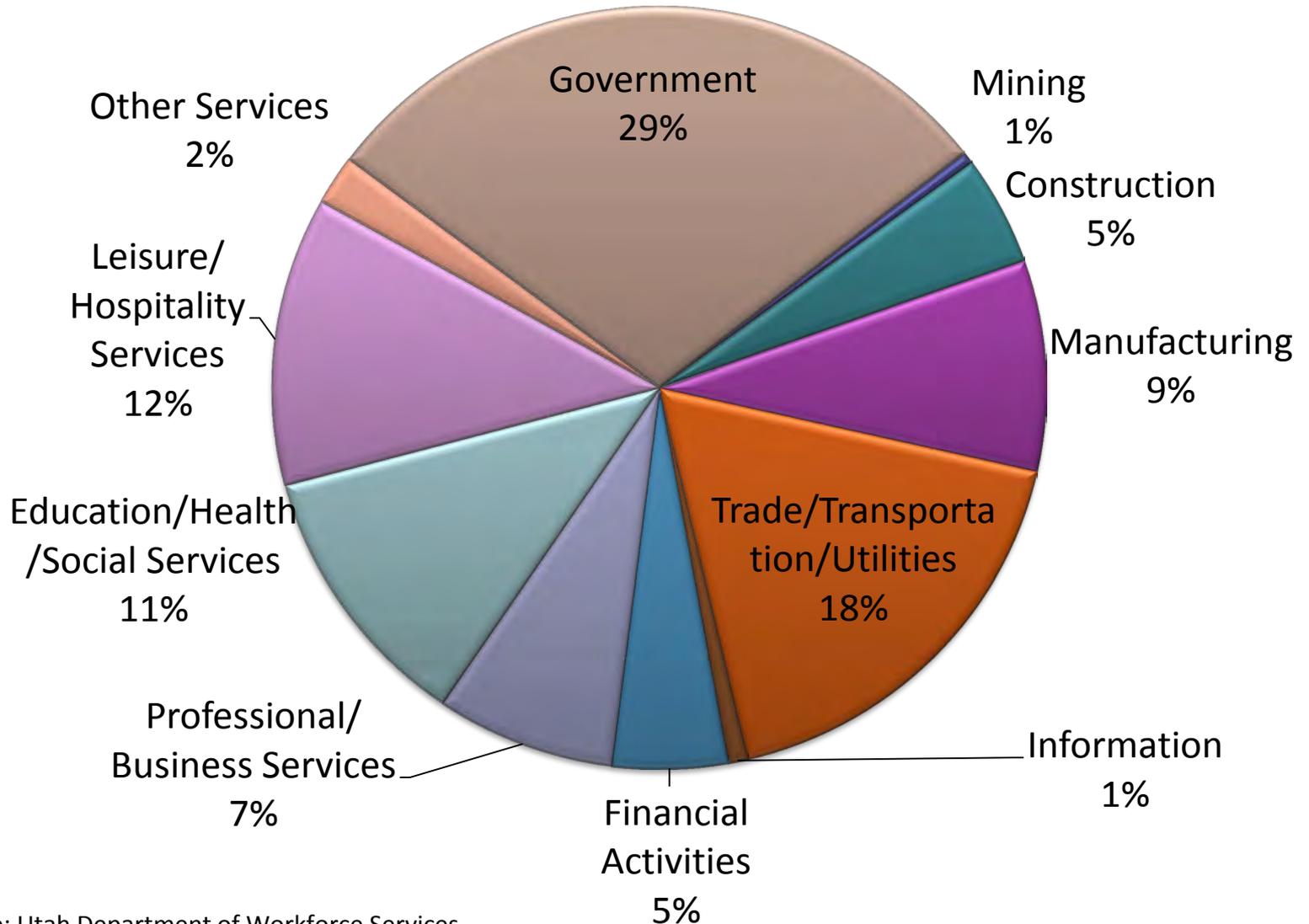


Source: Utah Dept. of Workforce Services.

Iron County New Hires

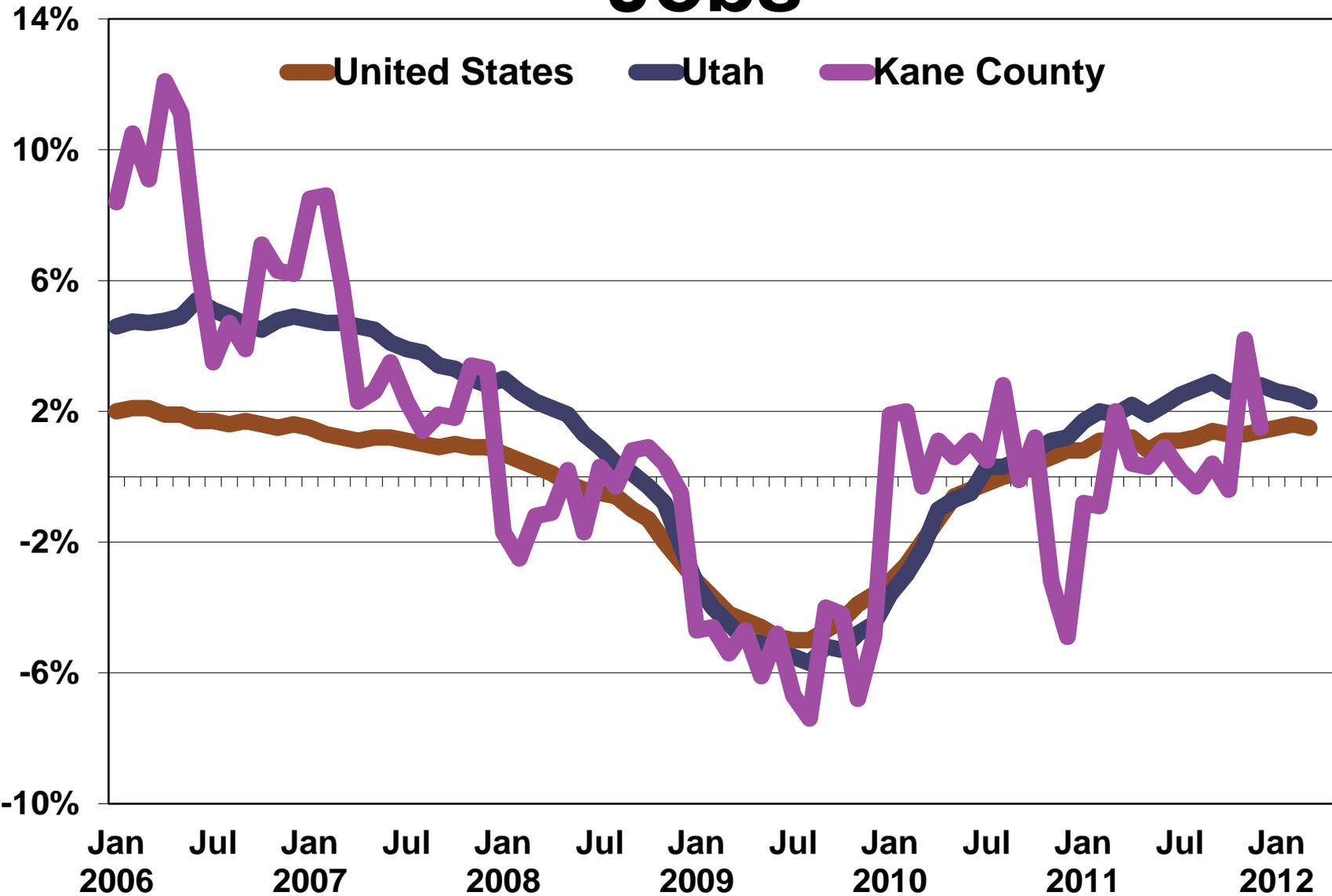


Iron County Industry Employment Distribution



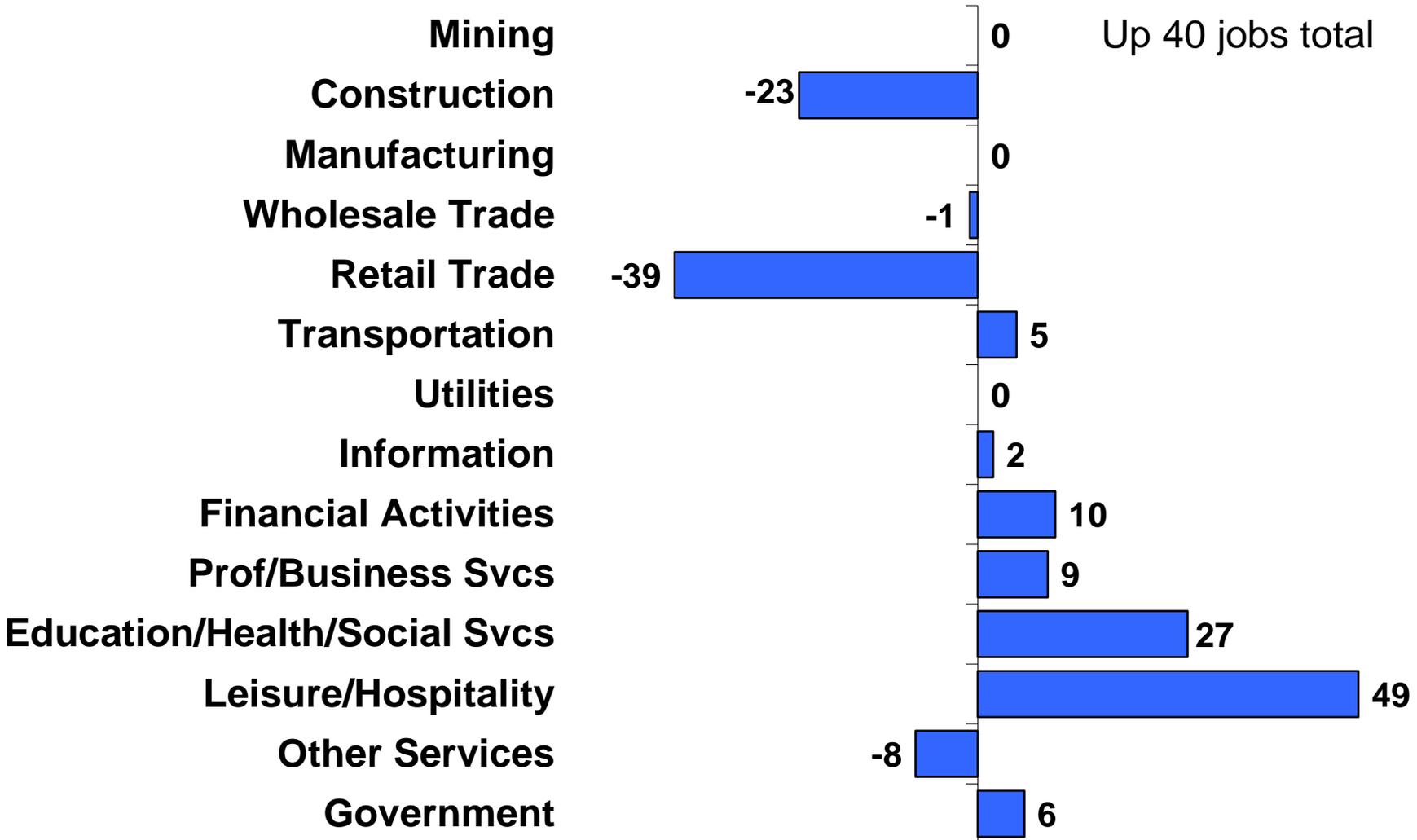
Source: Utah Department of Workforce Services.

Year-Over Change in Nonfarm Jobs



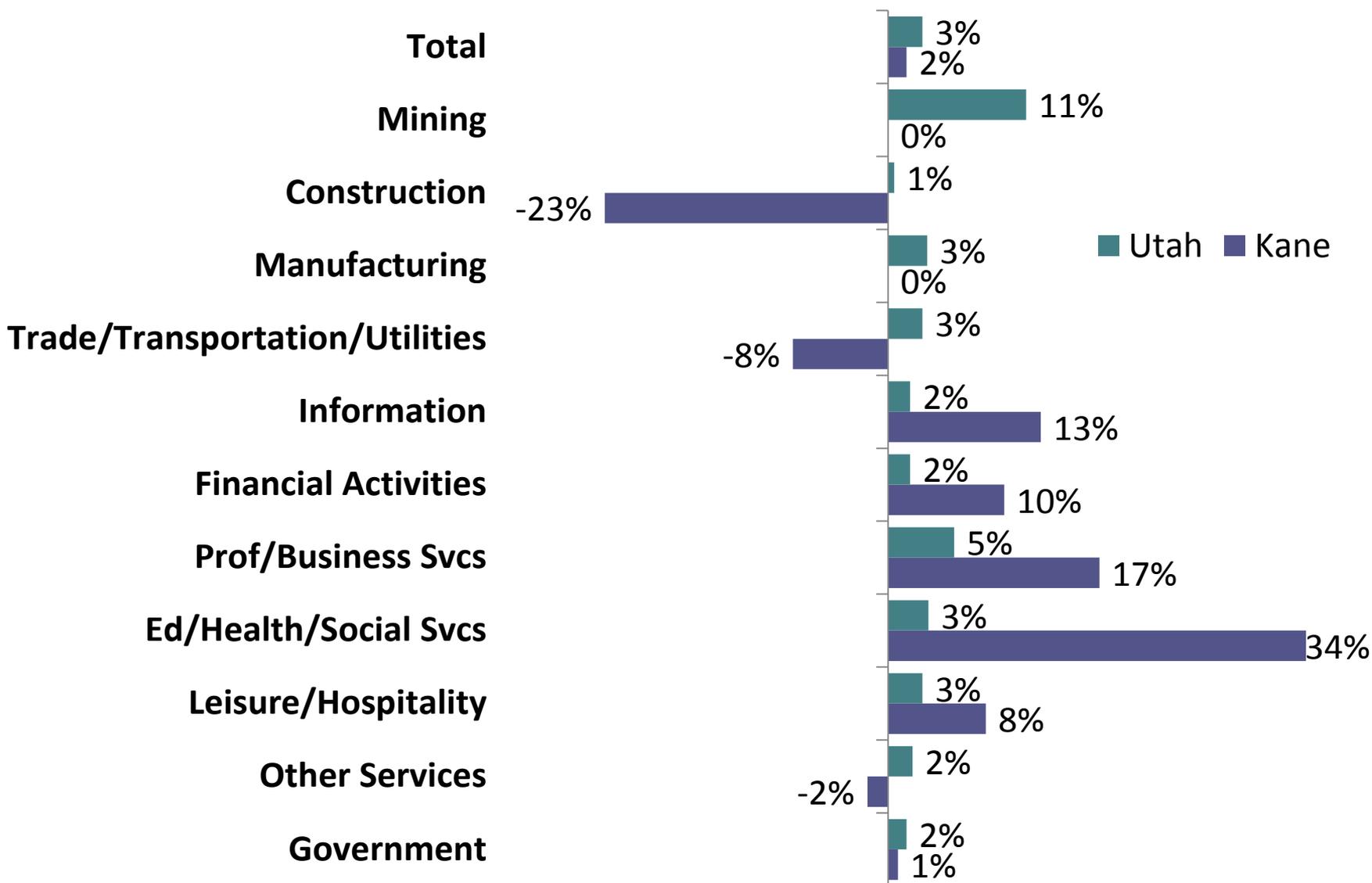
Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Kane County Year-Over Job Change December 2011 (preliminary)



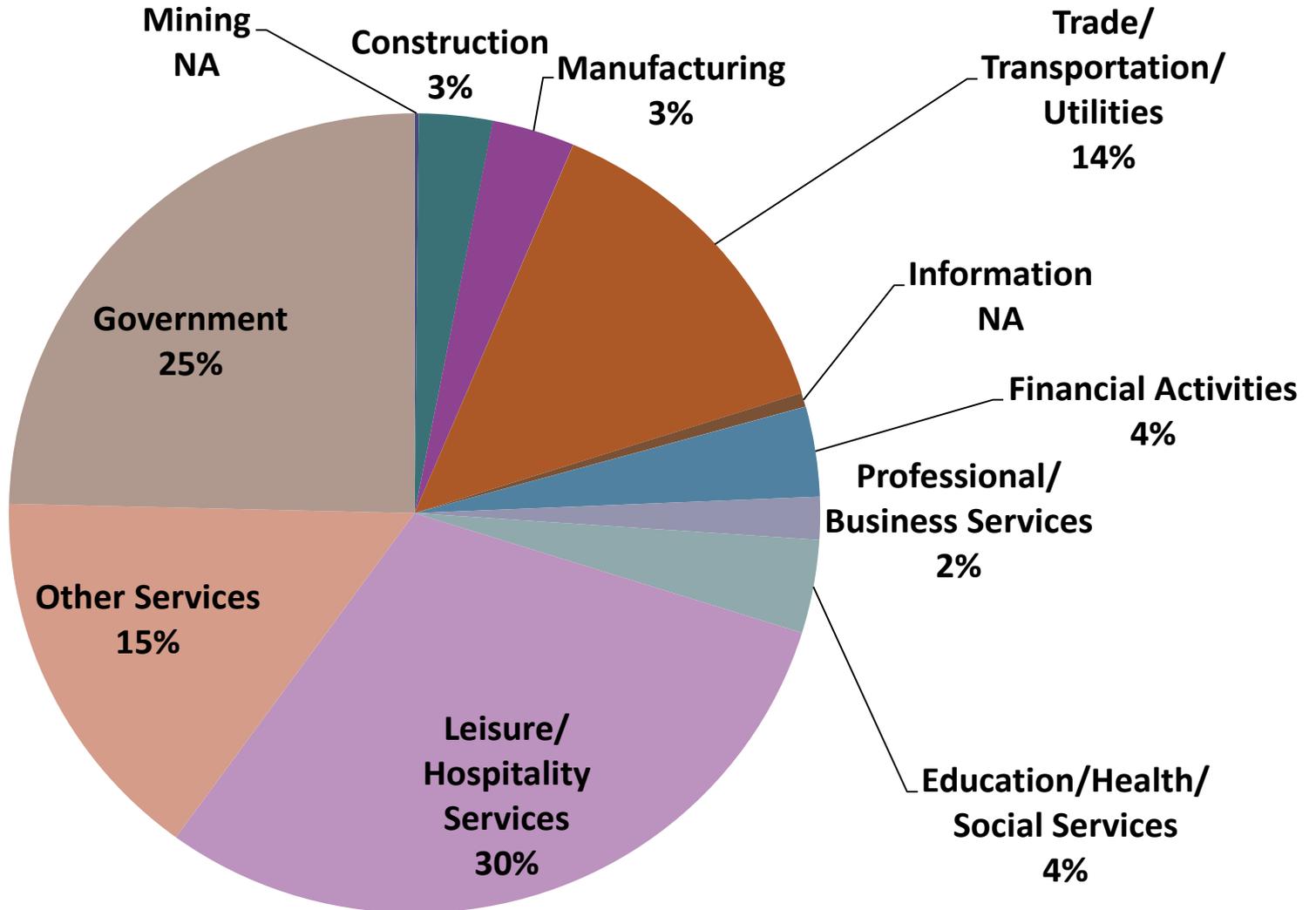
Percent Change in Nonfarm Jobs by Industry

December 2010-December 2011

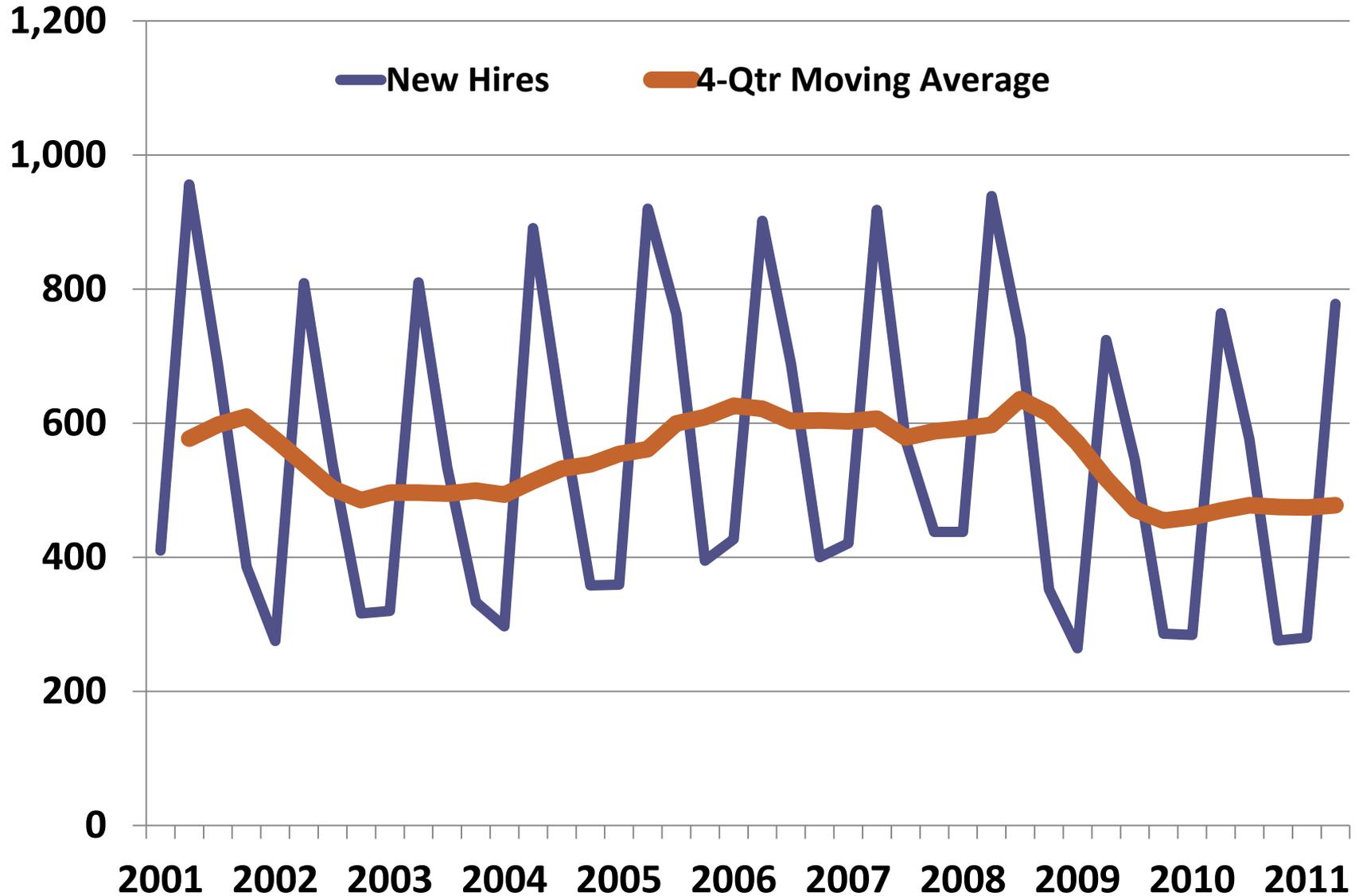


Source: Utah Dept. of Workforce Services.

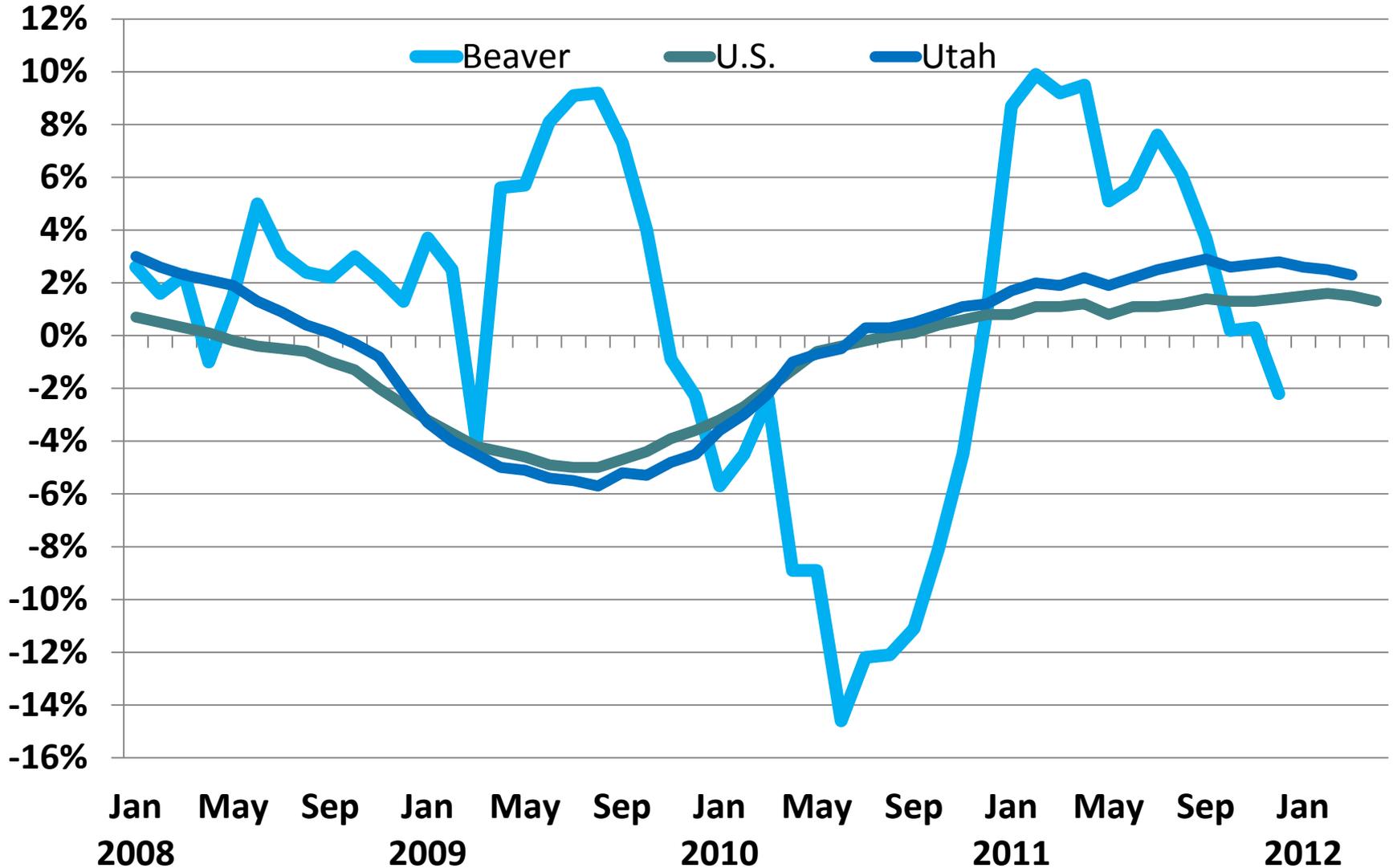
Kane County 2011 Industry Employment Distribution



Kane County New Hires

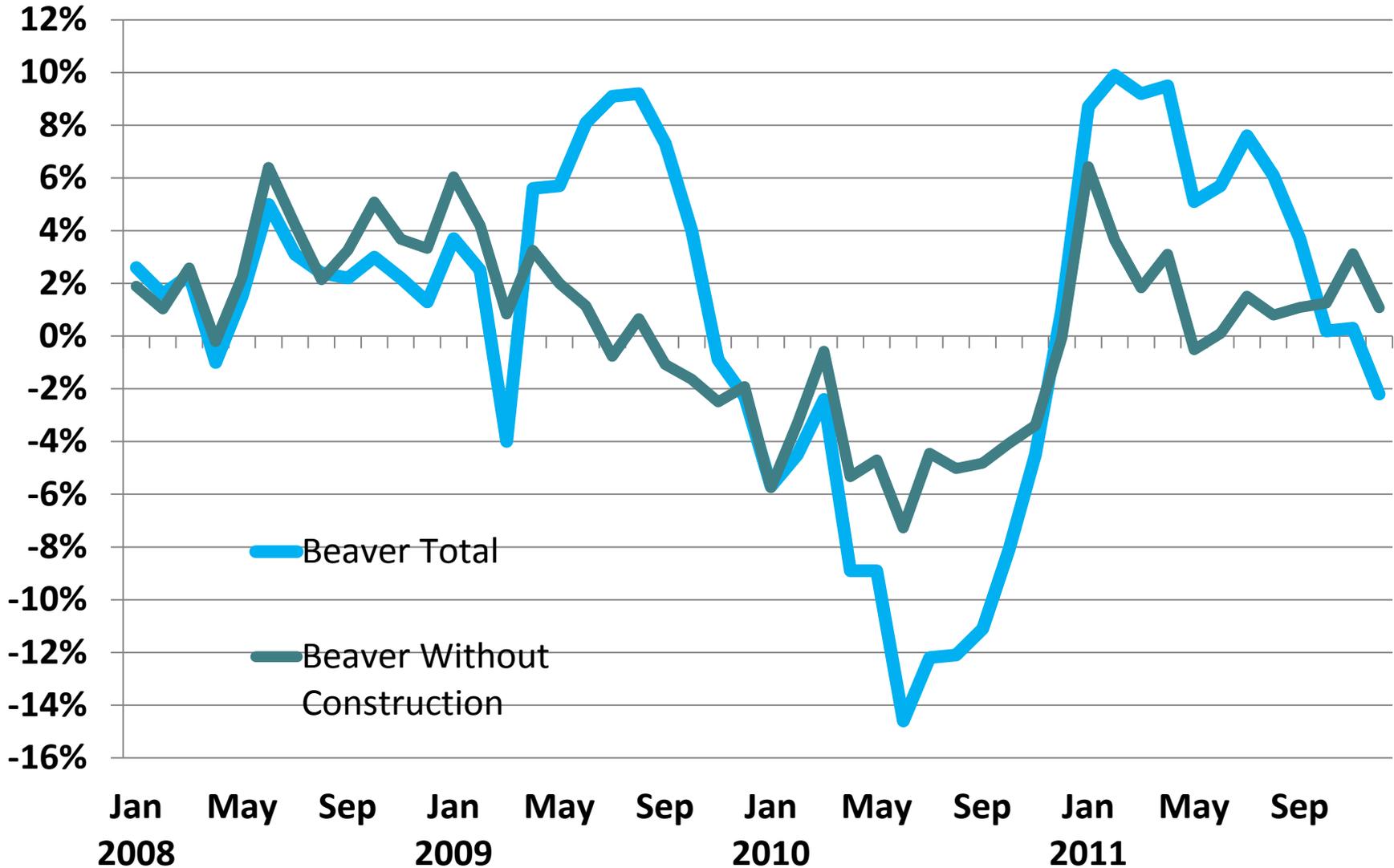


Year-Over Change in Nonfarm Jobs



Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Year-Over Change in Nonfarm Jobs

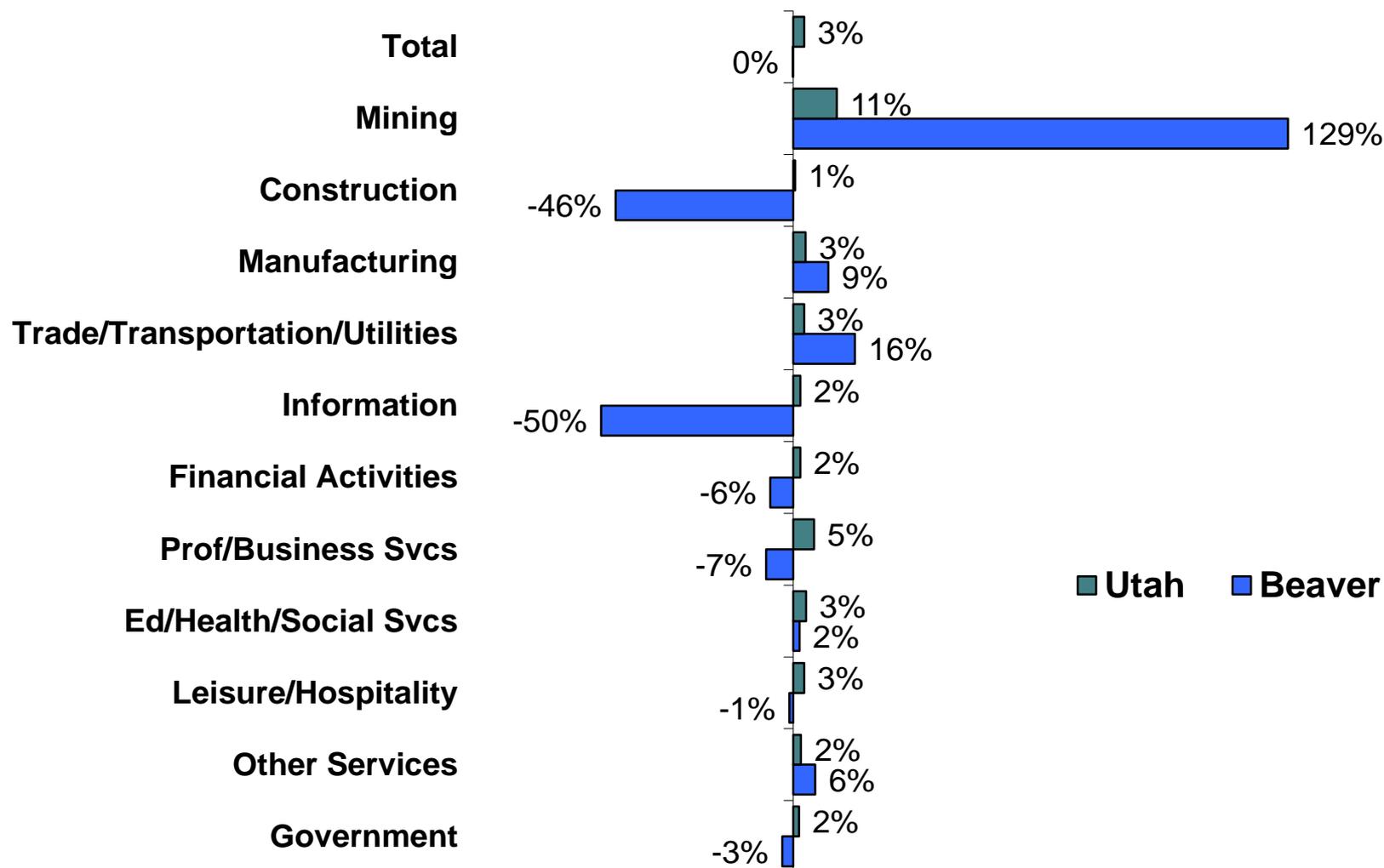


Beaver County Year-Over Job Change December 2011 (preliminary)



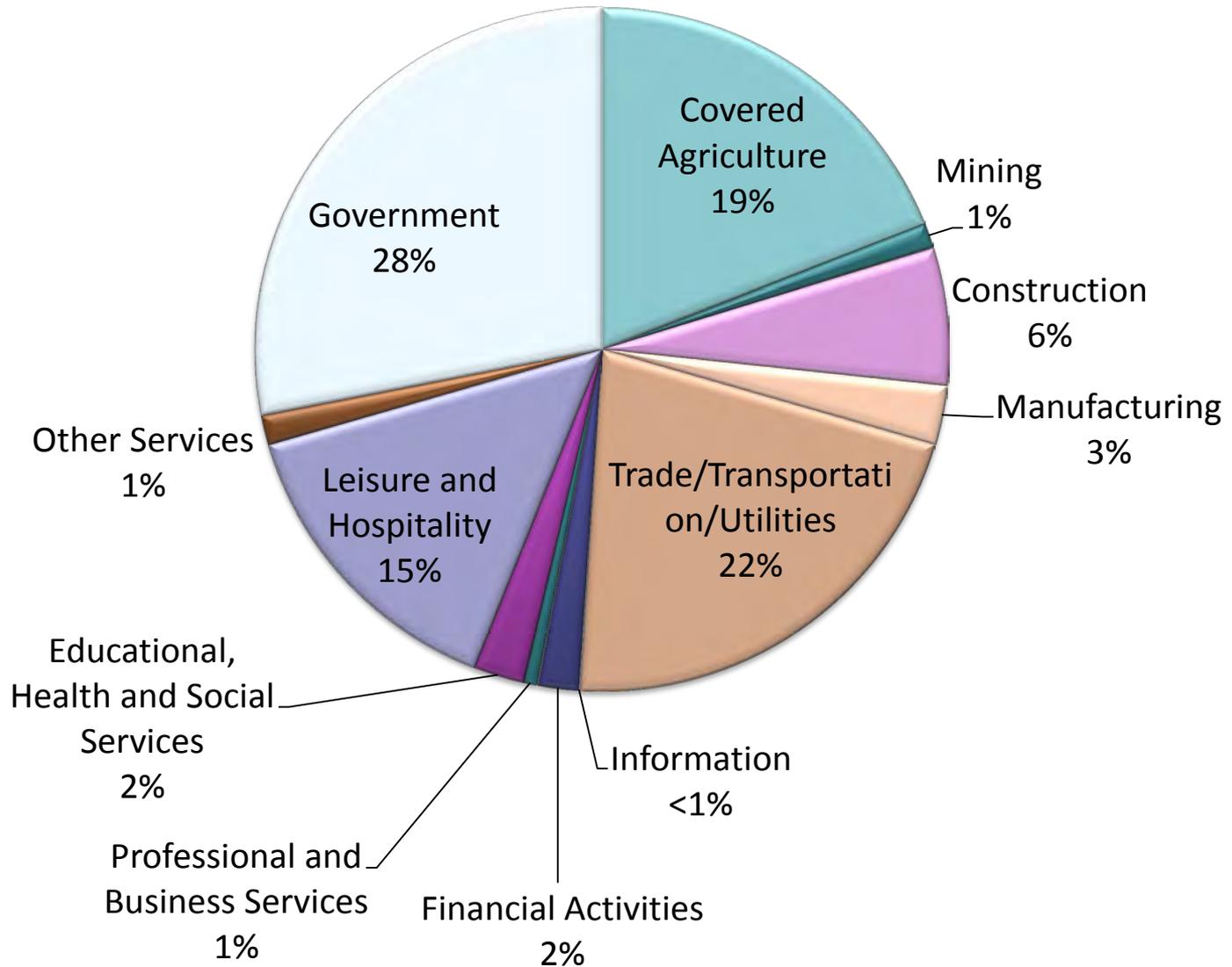
Percent Change in Nonfarm Jobs by Industry

December 2010-December 2011

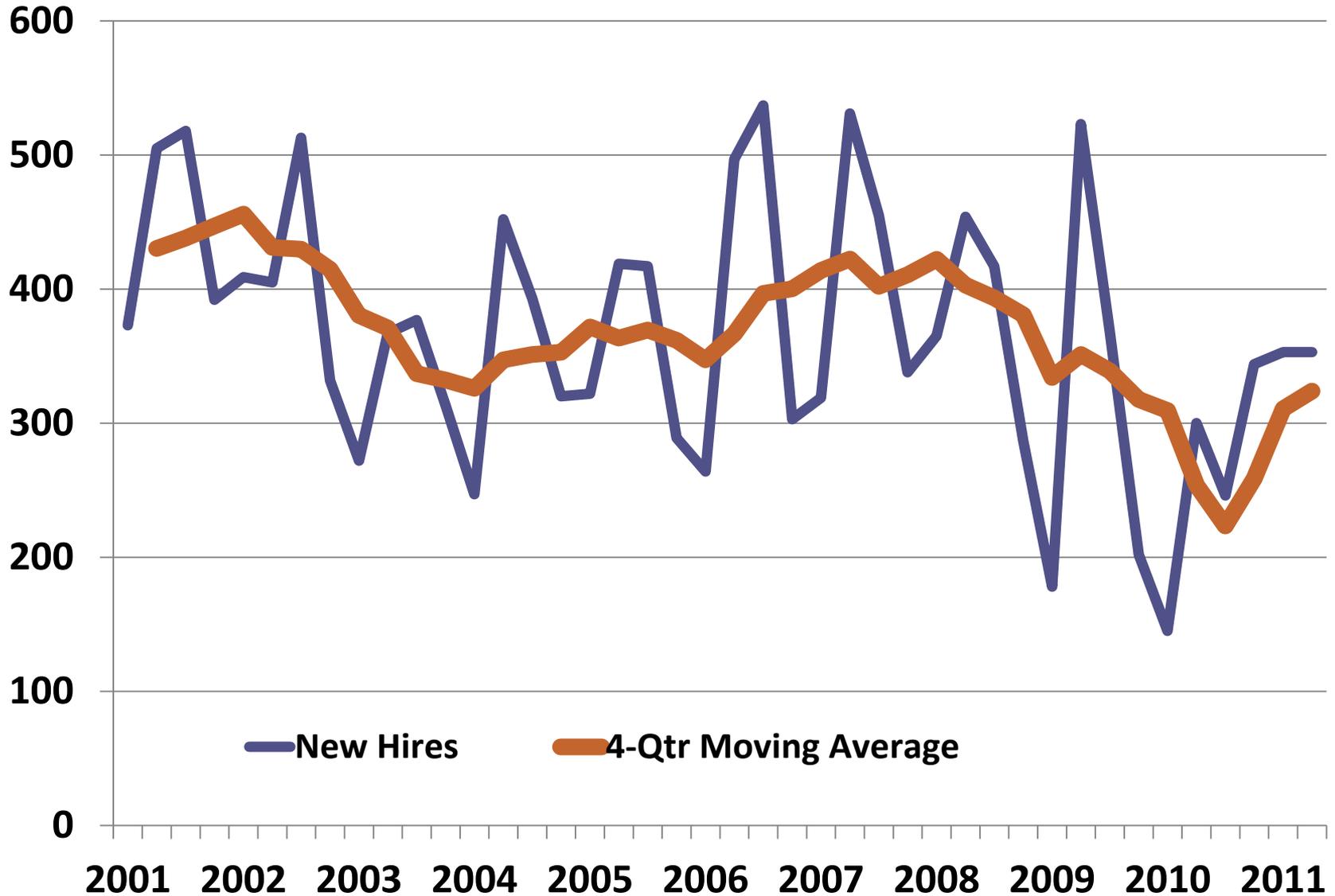


Source: Utah Dept. of Workforce Services.

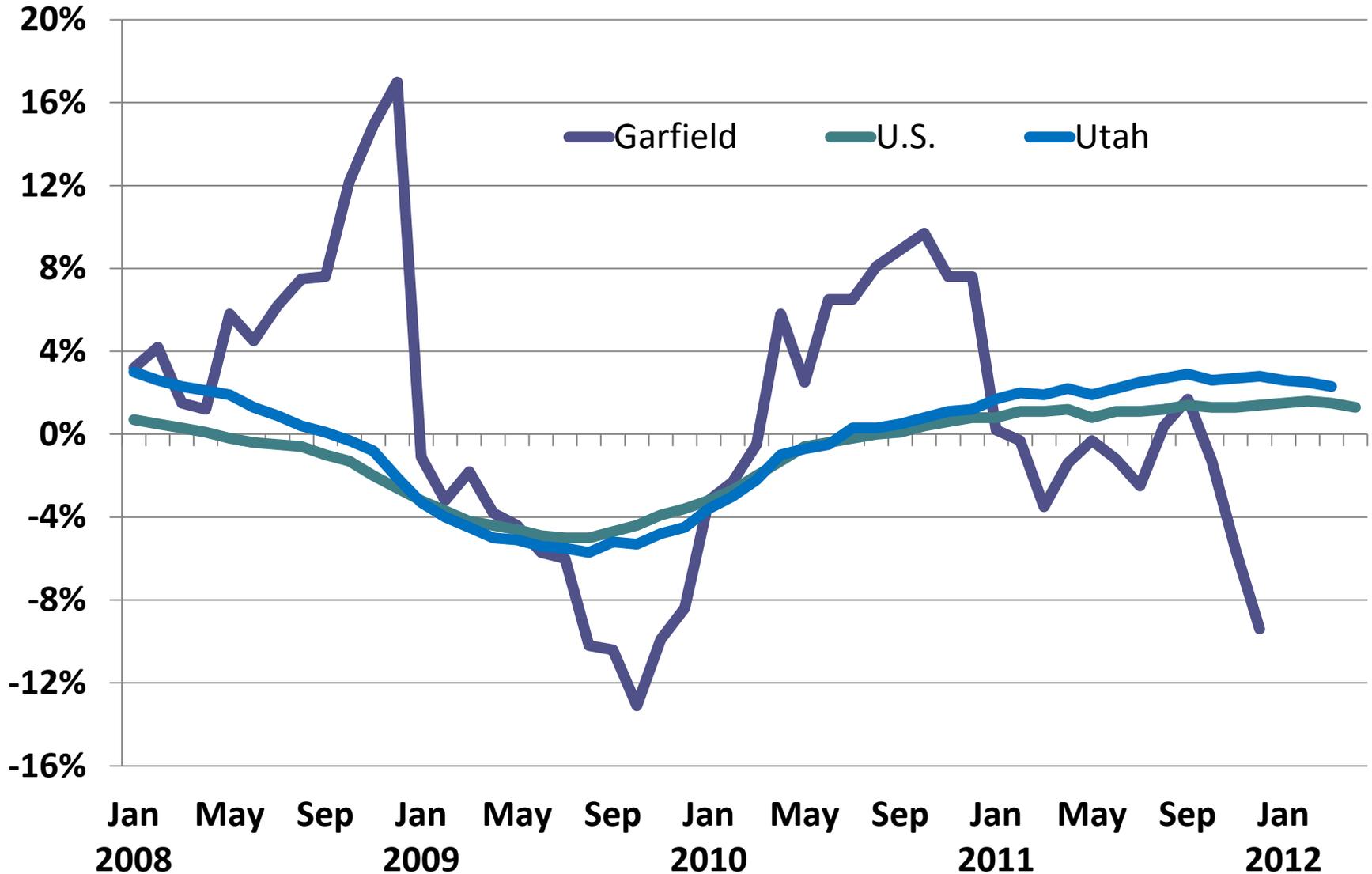
Beaver 2011 Industrial Employment Distribution



Beaver County New Hires

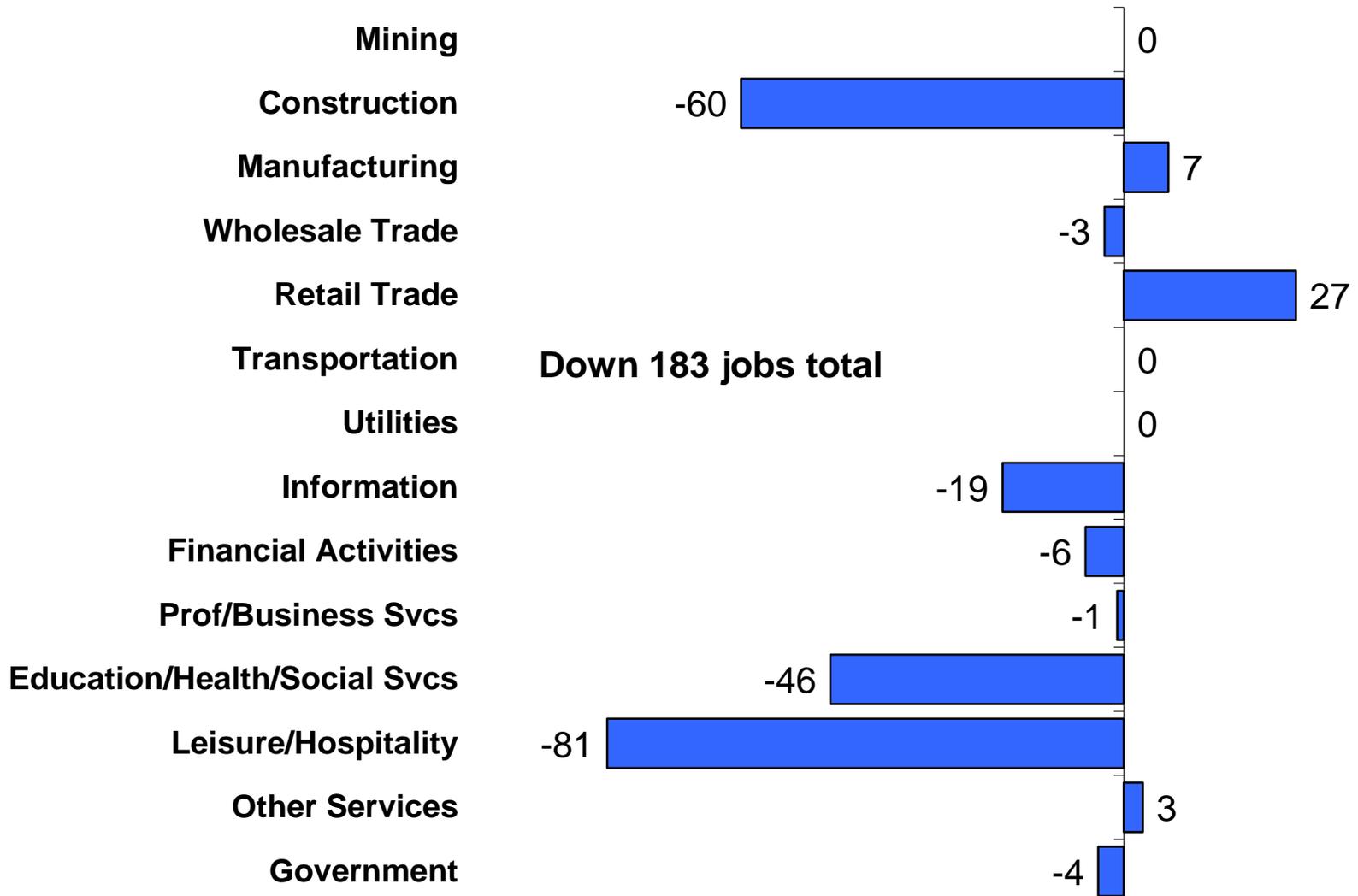


Year-Over Change in Nonfarm Jobs



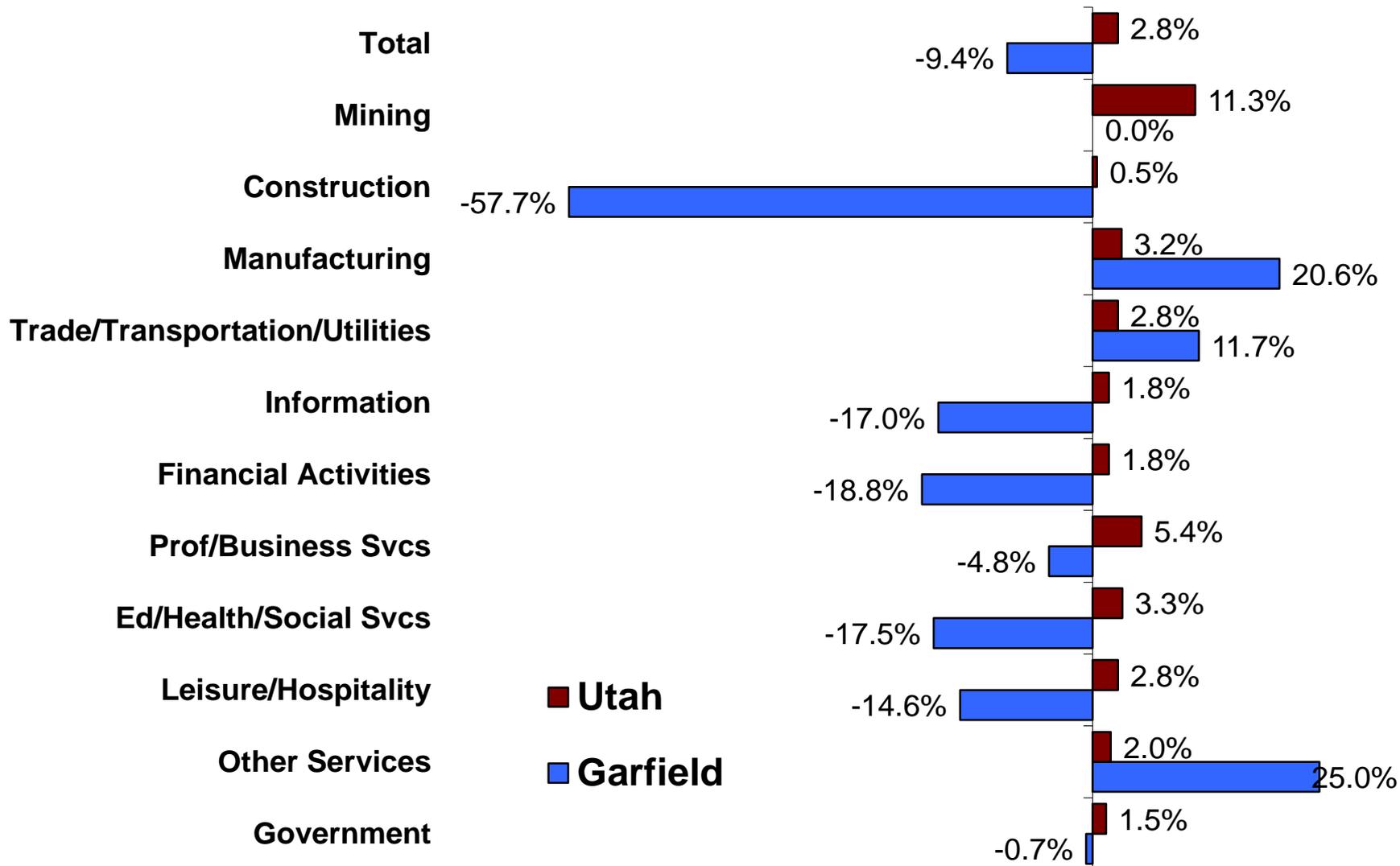
Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Garfield County Year-Over Job Change December 2011 (preliminary)



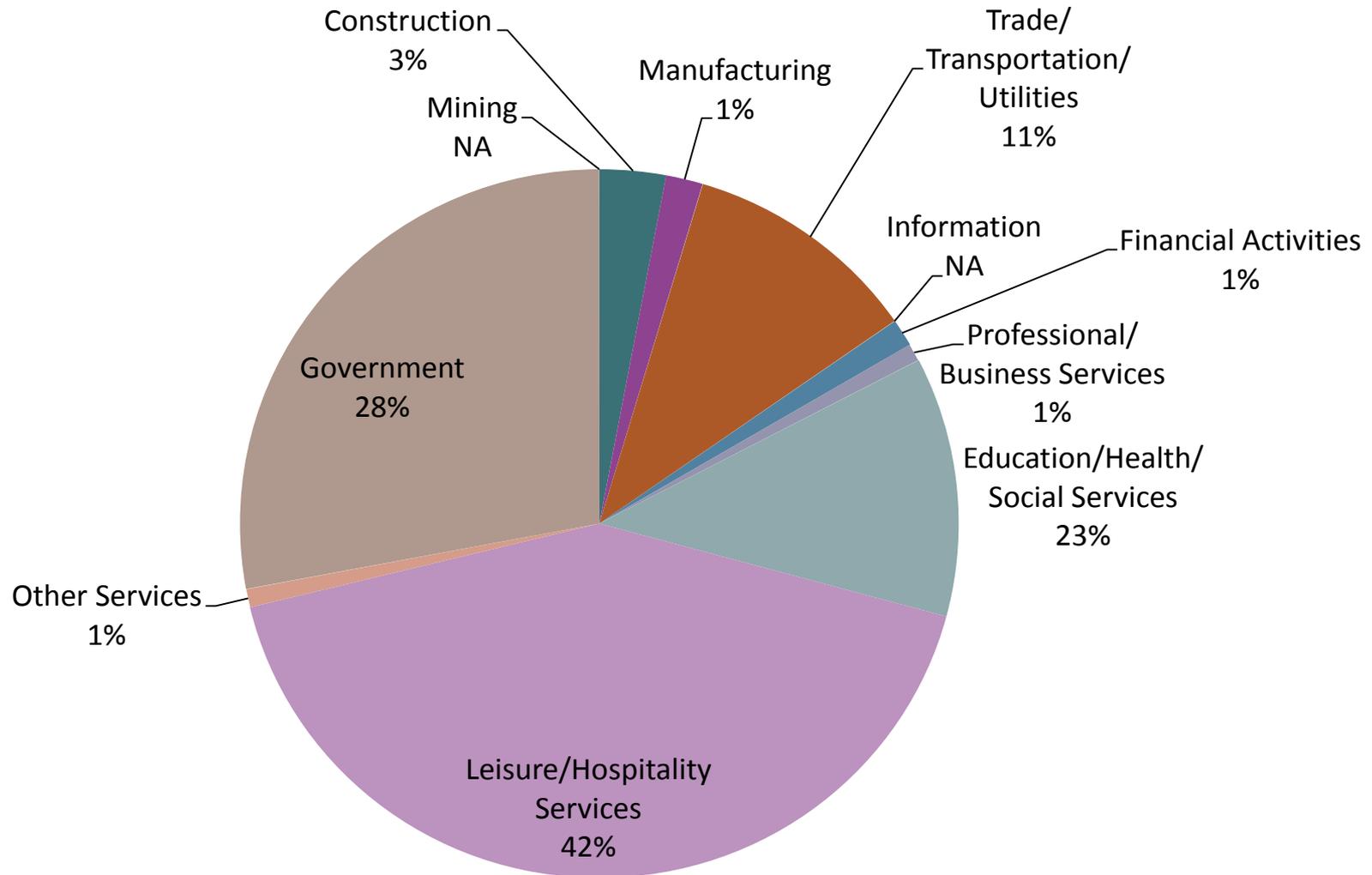
Percent Change in Nonfarm Jobs by Industry

December 2010-December 2011



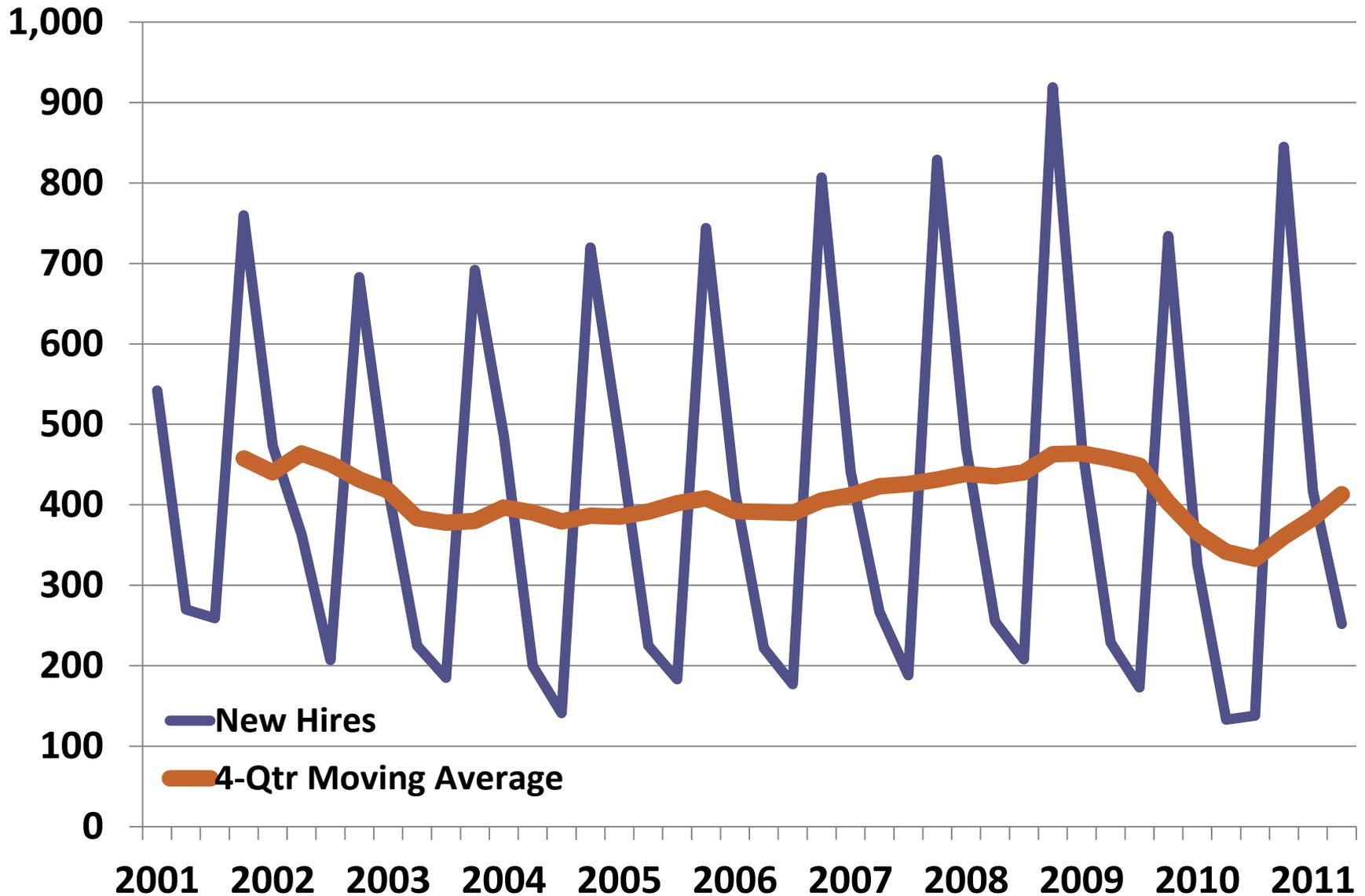
Source: Utah Dept. of Workforce Services.

Garfield County Industry Employment Distribution

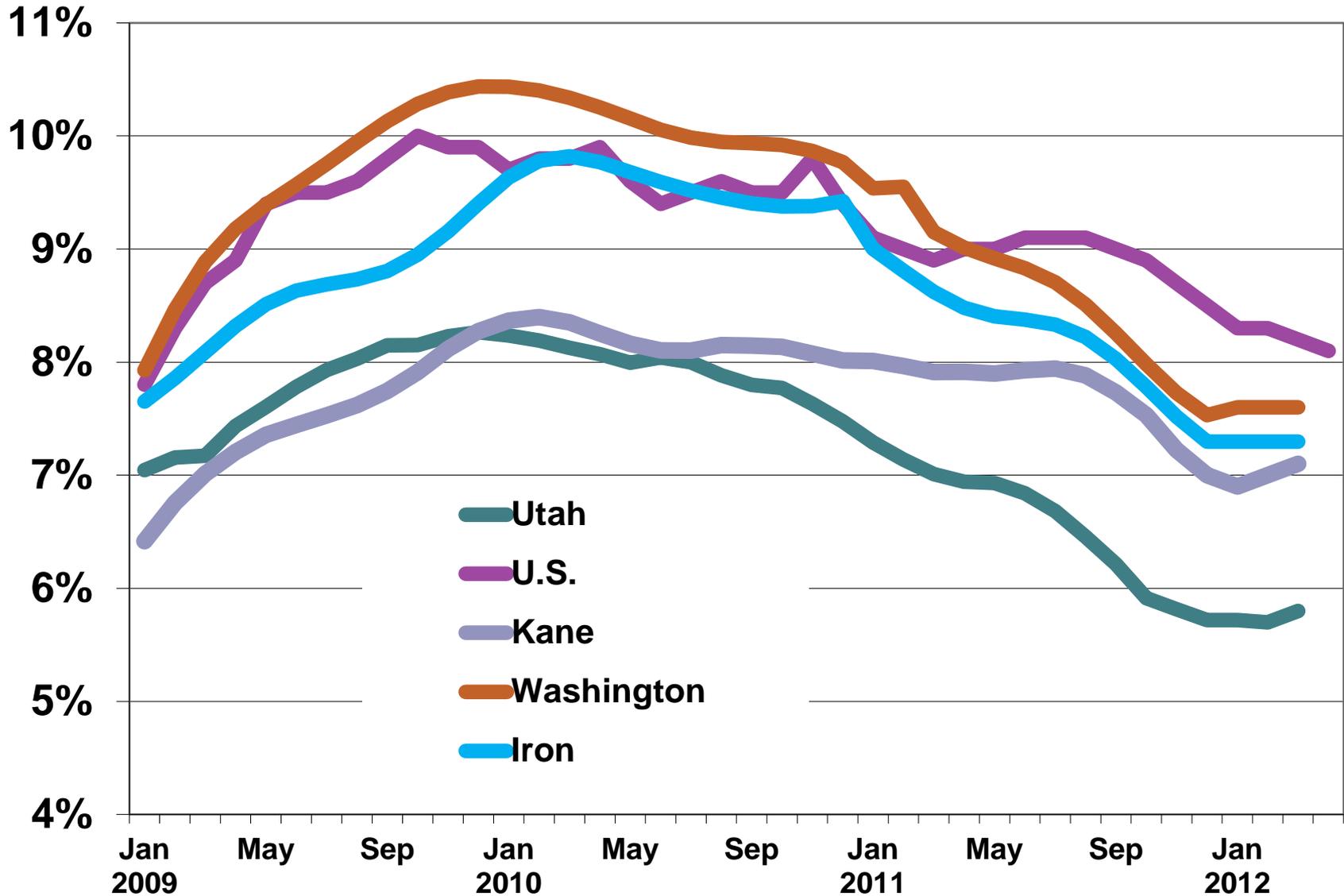


Source: Utah Department of Workforce Services.

Garfield County New Hires

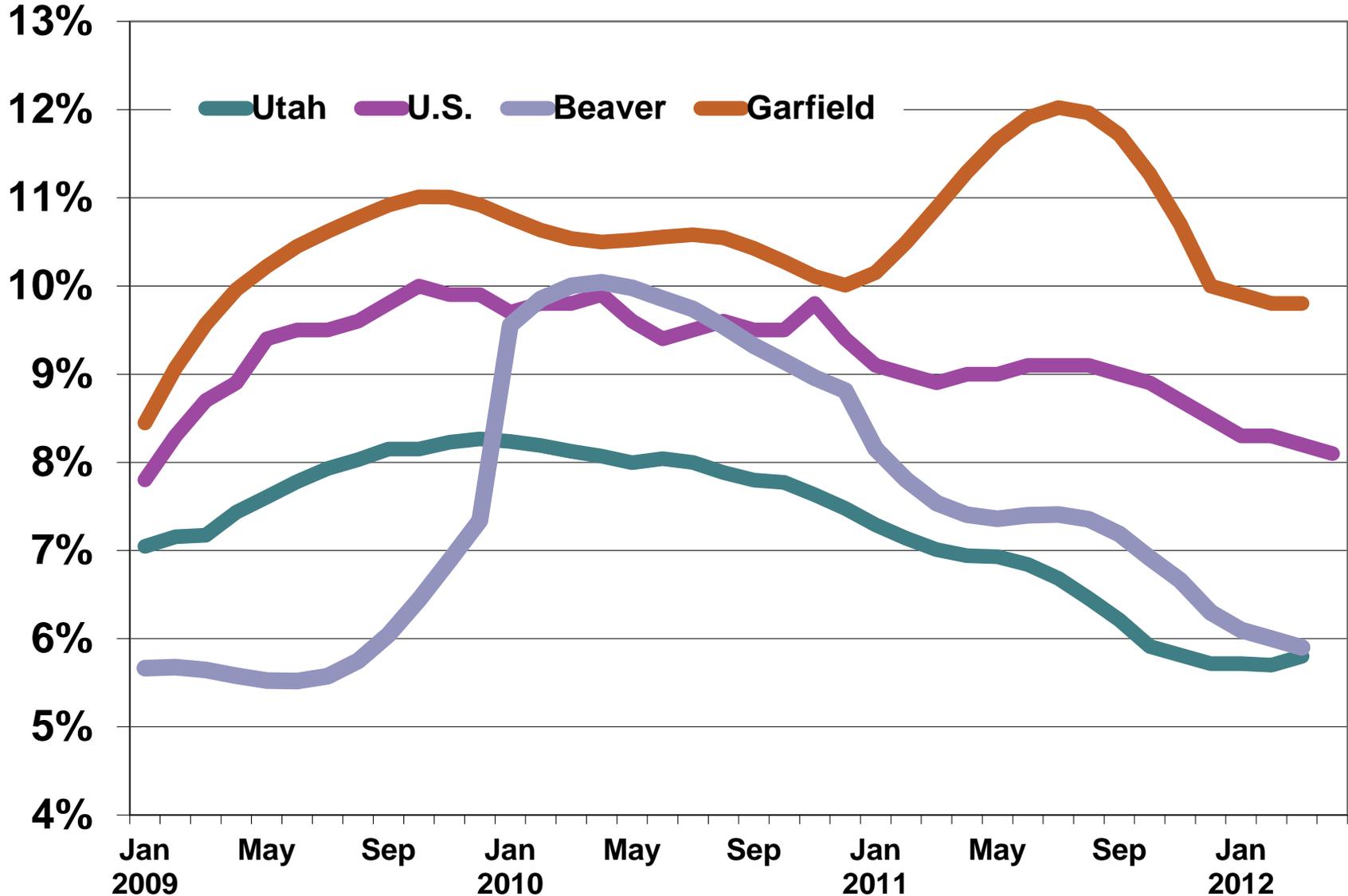


Seasonally Adjusted Unemployment Rates



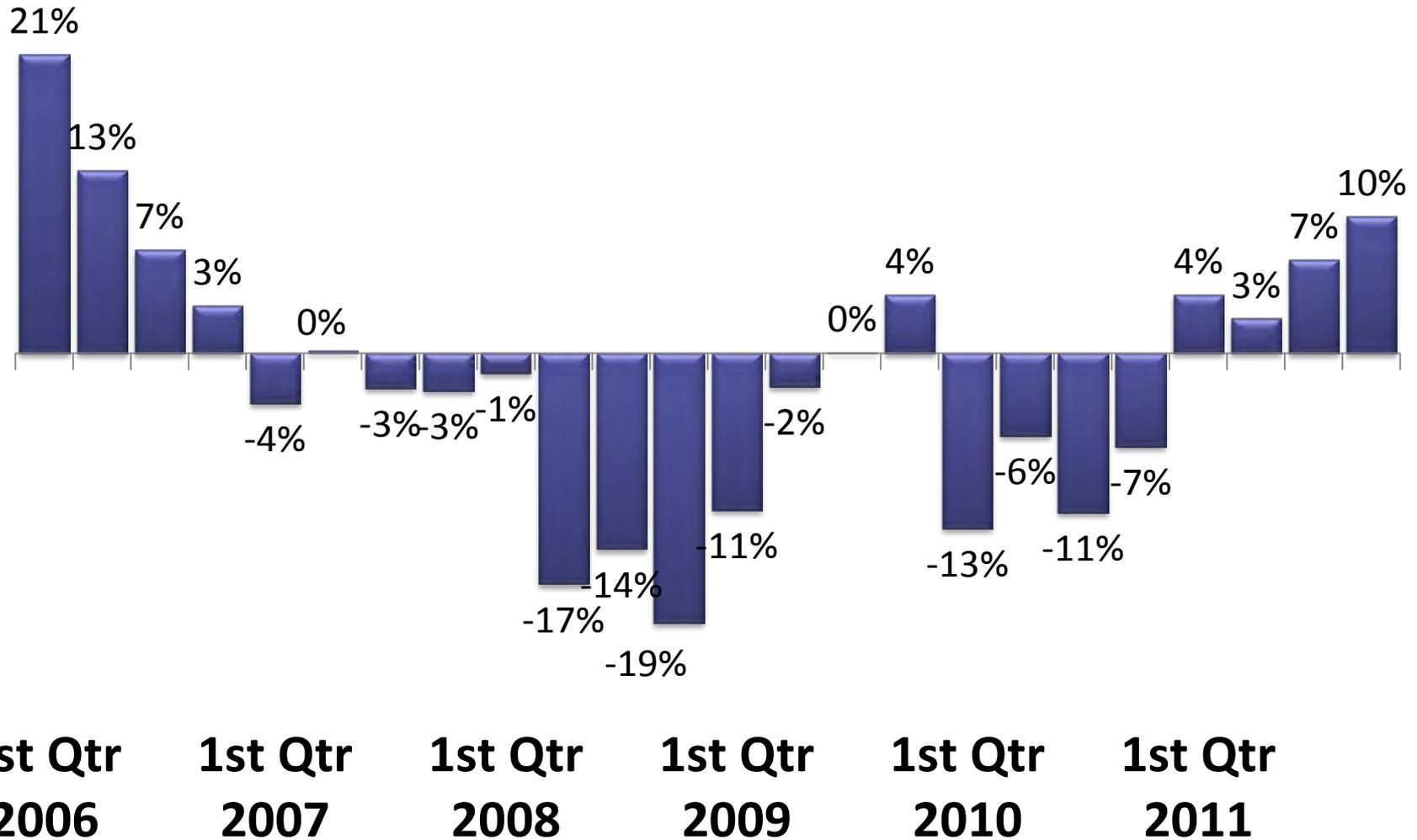
Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Seasonally Adjusted Unemployment Rates



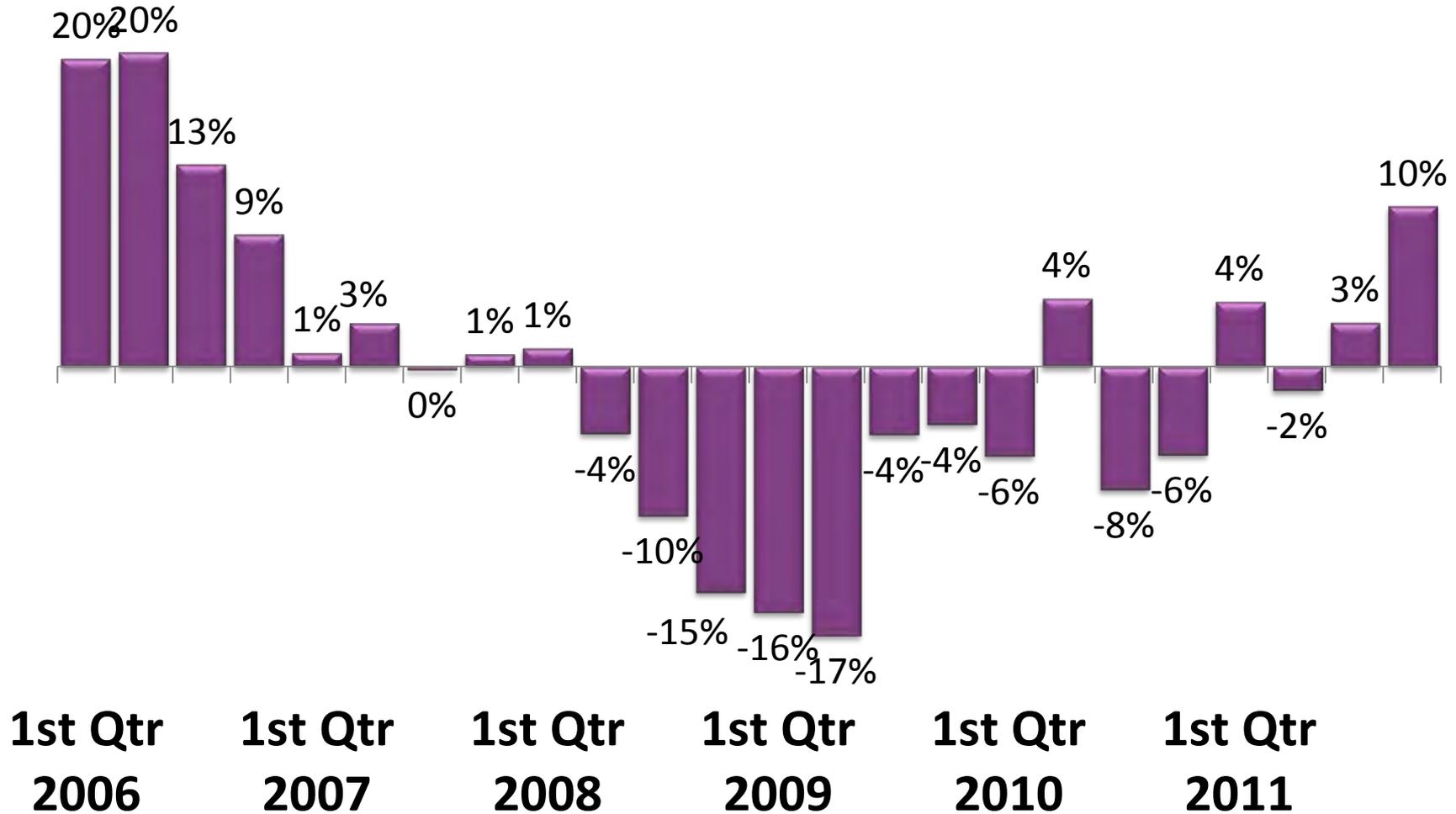
Source: Utah Dept. of Workforce Services; U.S. Bureau of Labor Statistics.

Washington County Change in Gross Taxable Sales



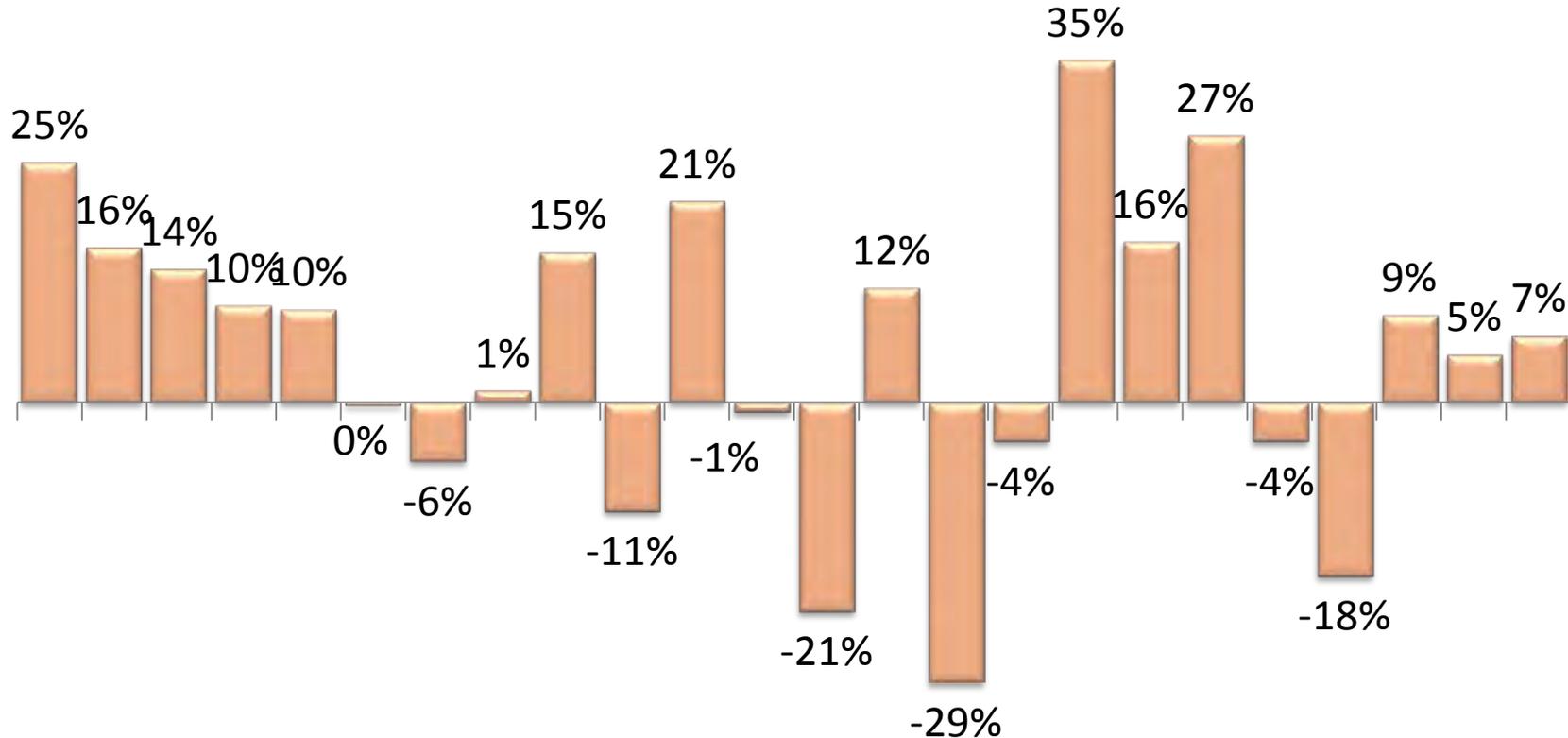
Source: Utah State Tax Commission.

Iron County Change in Gross Taxable Sales



Source: Utah State Tax Commission.

Kane County Change in Gross Taxable Sales



**1st Qtr
2006**

**1st Qtr
2007**

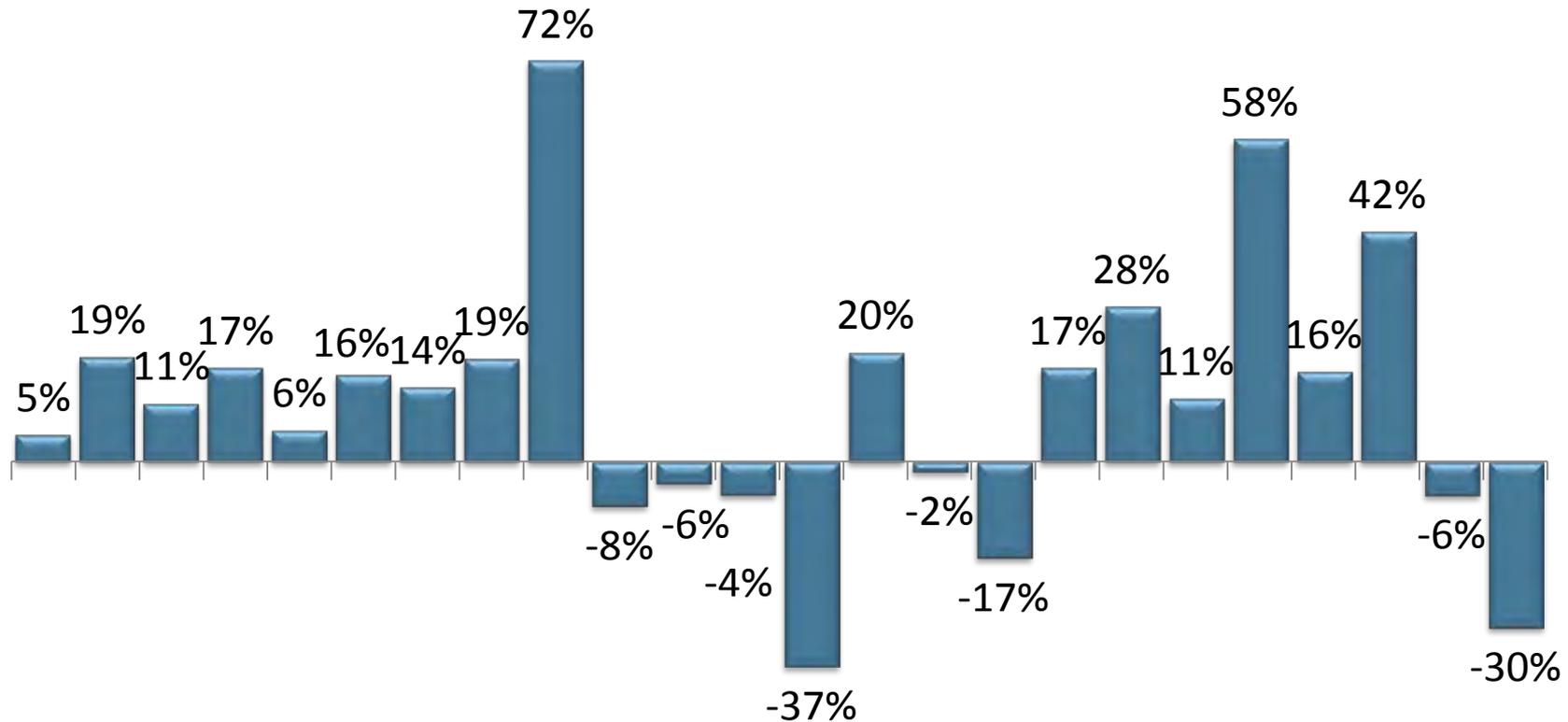
**1st Qtr
2008**

**1st Qtr
2009**

**1st Qtr
2010**

**1st Qtr
2011**

Beaver County Change in Gross Taxable Sales



**1st Qtr
2006**

**1st Qtr
2007**

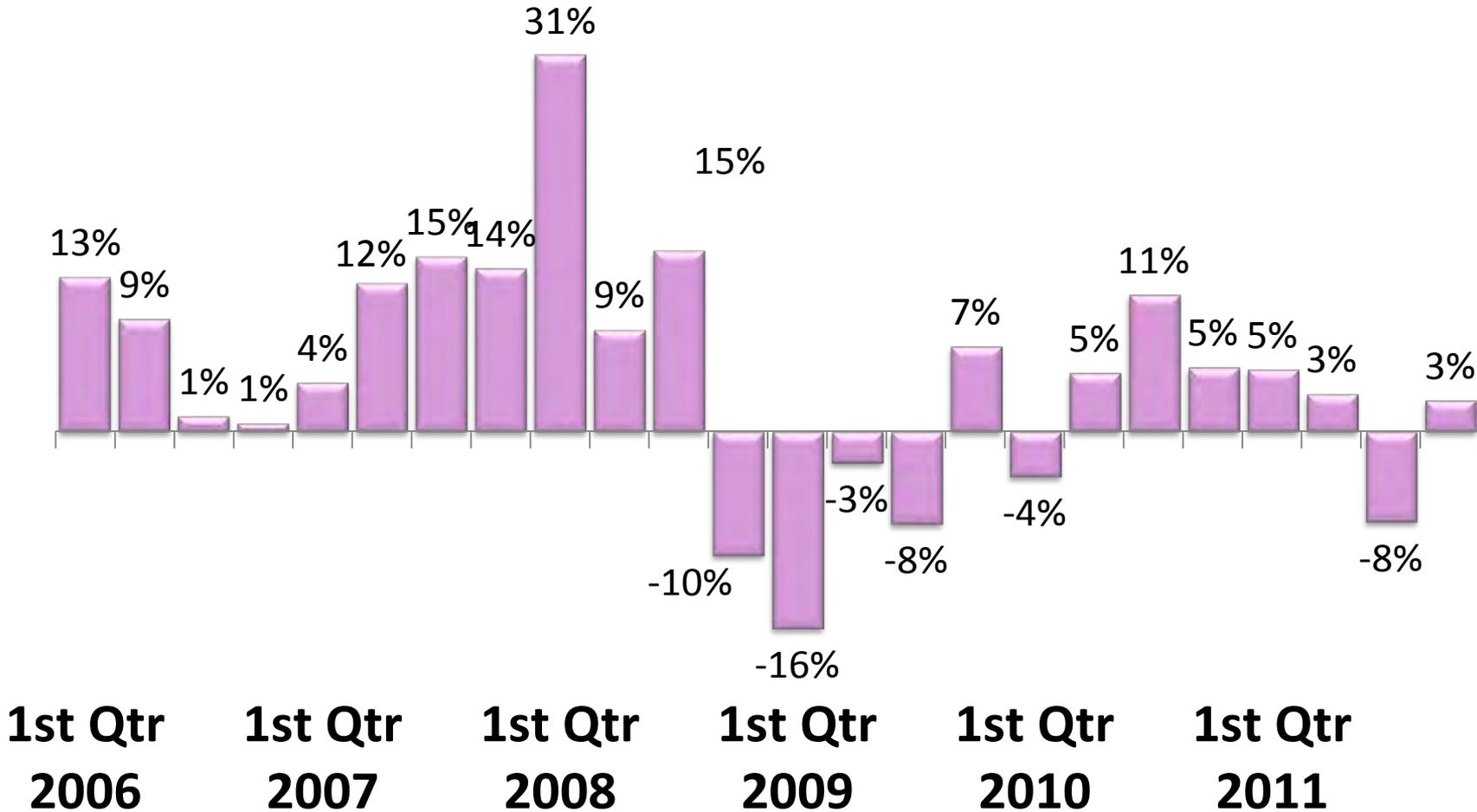
**1st Qtr
2008**

**1st Qtr
2009**

**1st Qtr
2010**

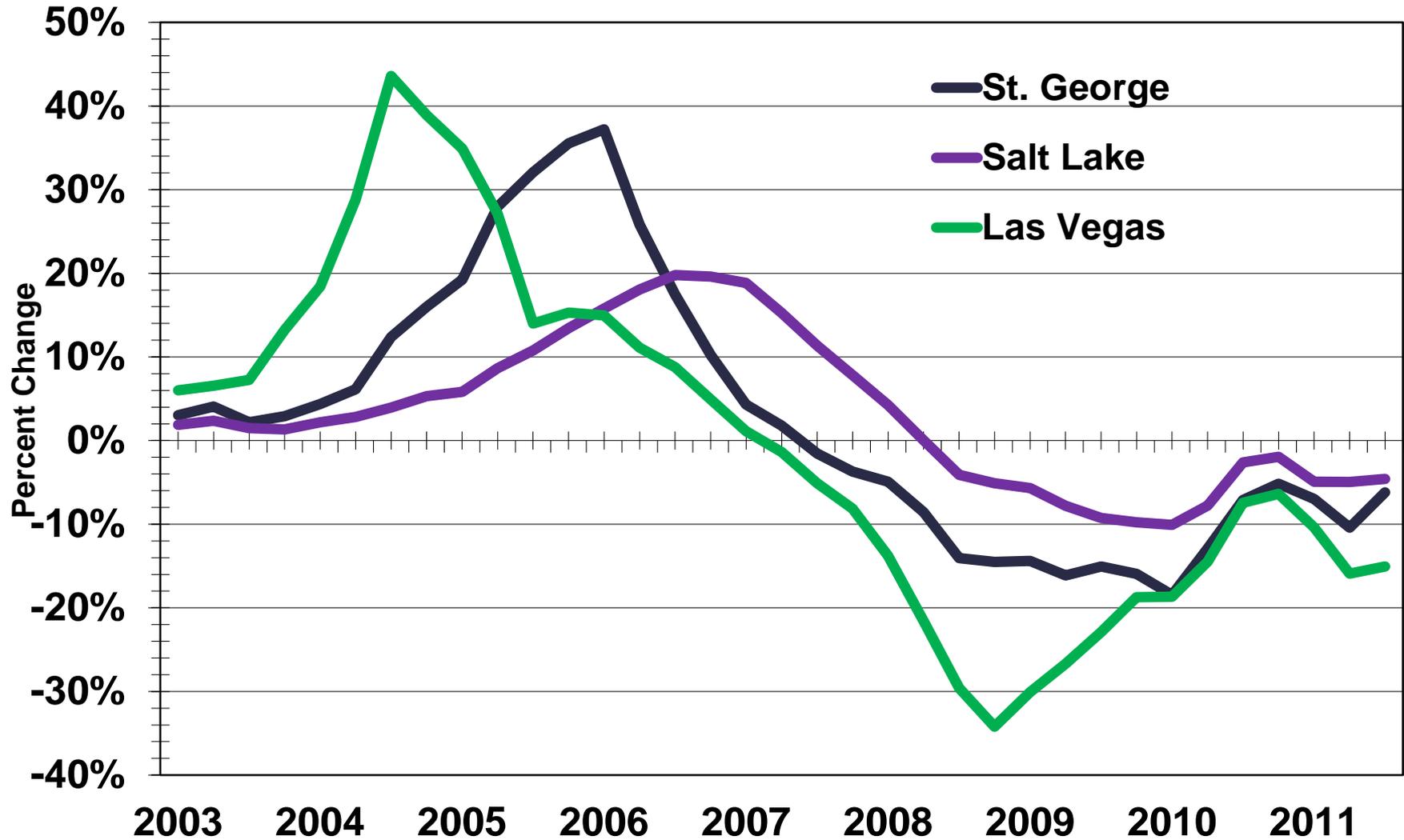
**1st Qtr
2011**

Garfield County Change in Gross Taxable Sales

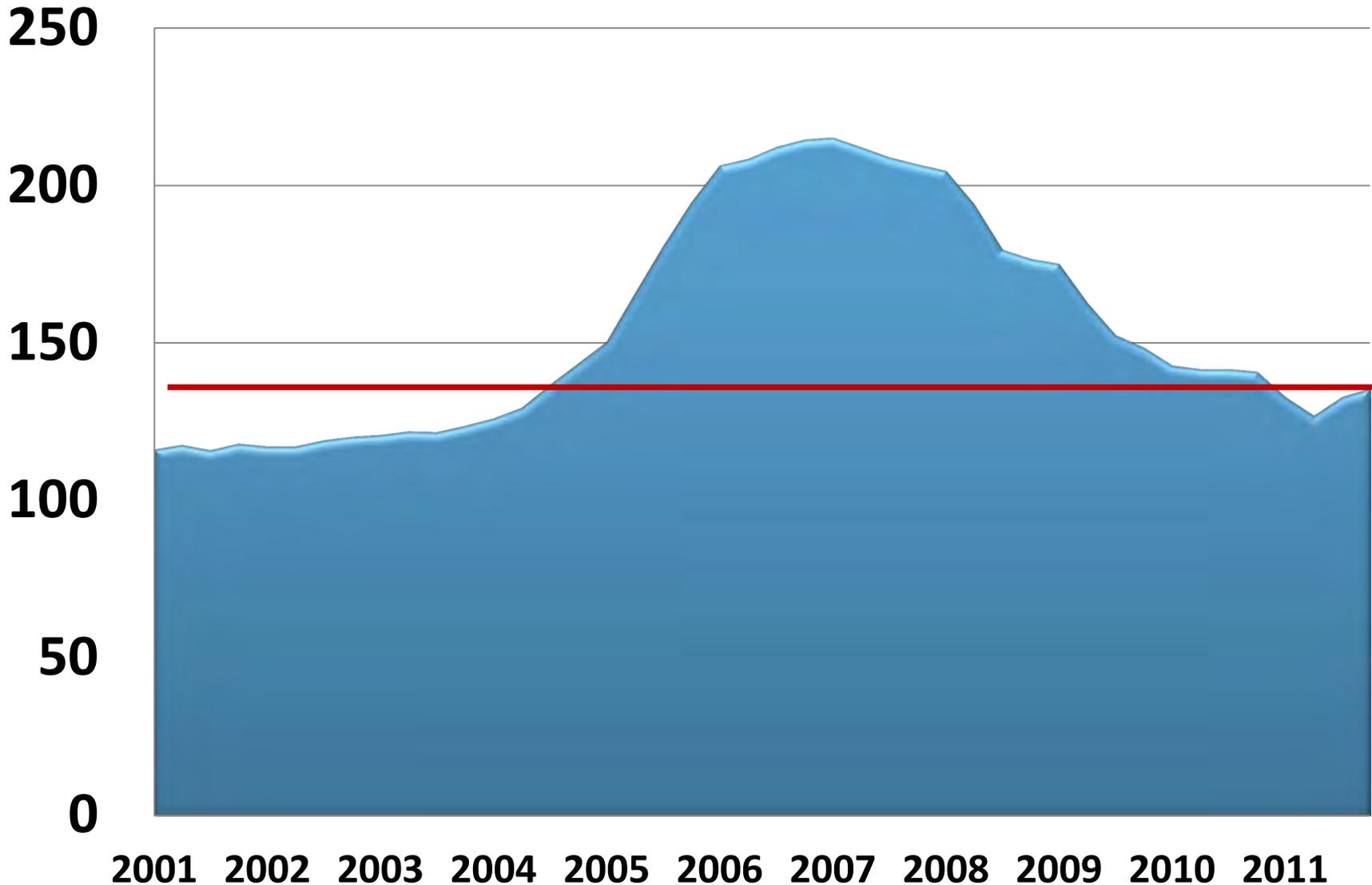


Source: Utah State Tax Commission.

Year-over Change in MSA Area Housing Price Index (HPI)

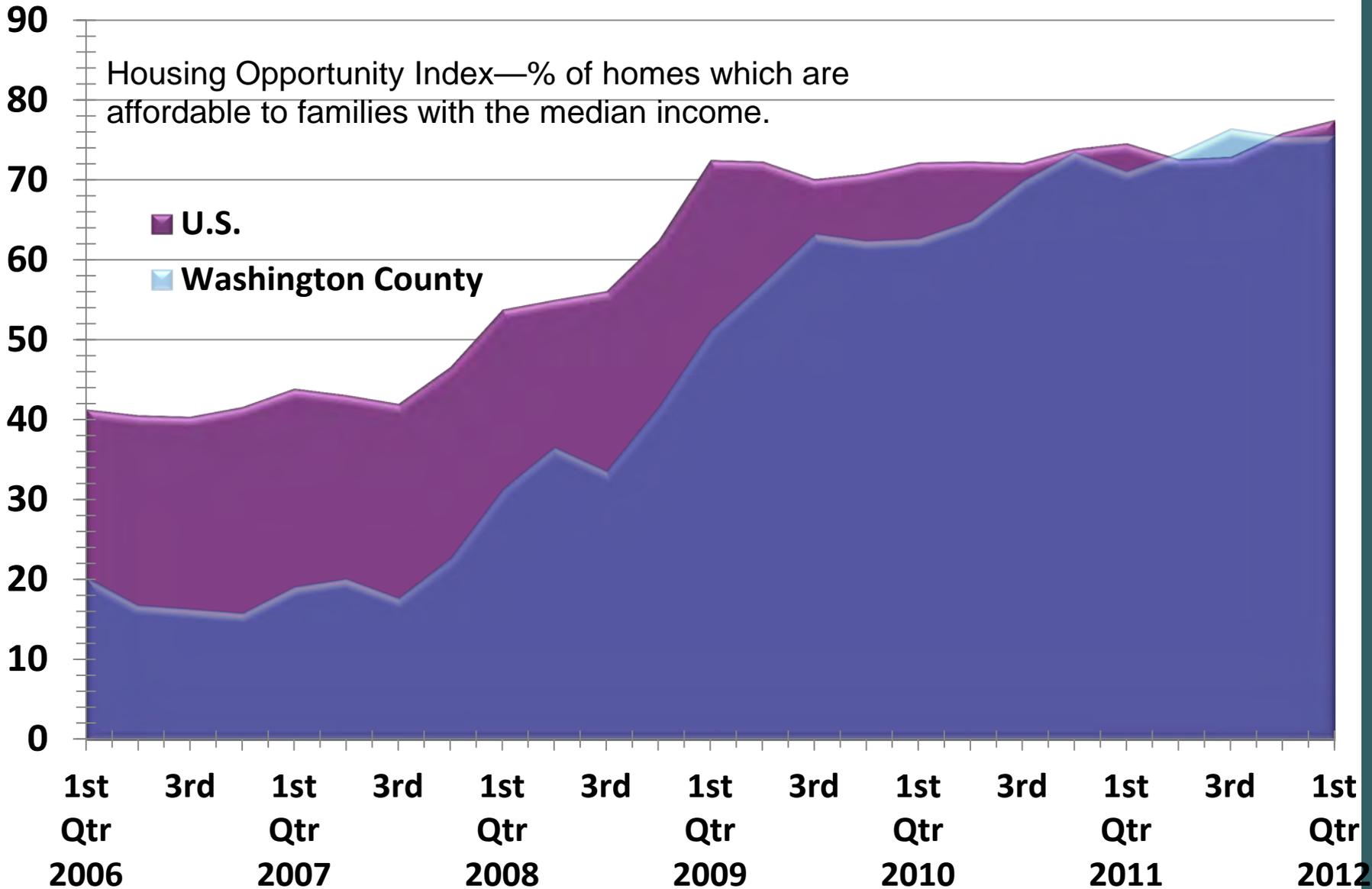


St. George MSA Housing Price Index



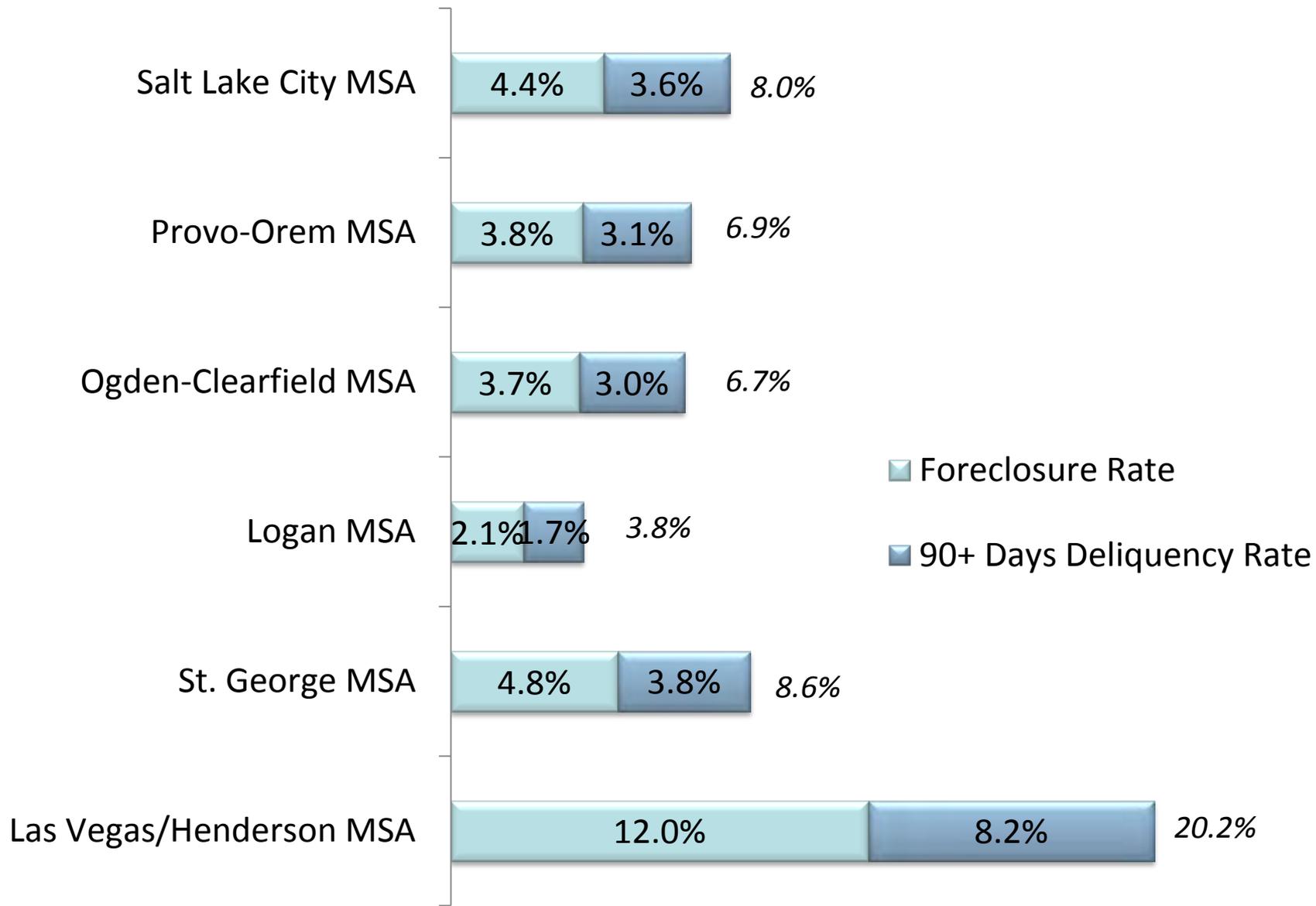
Source: Office of Federal Housing Enterprise Oversight, <http://www.ofheo.gov/hpi.aspx>.

Housing Affordability Continues to Improve



Source: National Association of Homebuilders; Wells Fargo Bank.

“Serious” Foreclosure Rates June 2011



Source:: Analysis of LPS applied Analytics data by Local Initiative Support Corporation.

June 2010-June 2011 Percentage Point Change in “Serious” Foreclosure Rates

Salt Lake City MSA

-0.4

Provo-Orem MSA

-1.3

Ogden-Clearfield MSA

-0.4

Logan MSA

-0.5

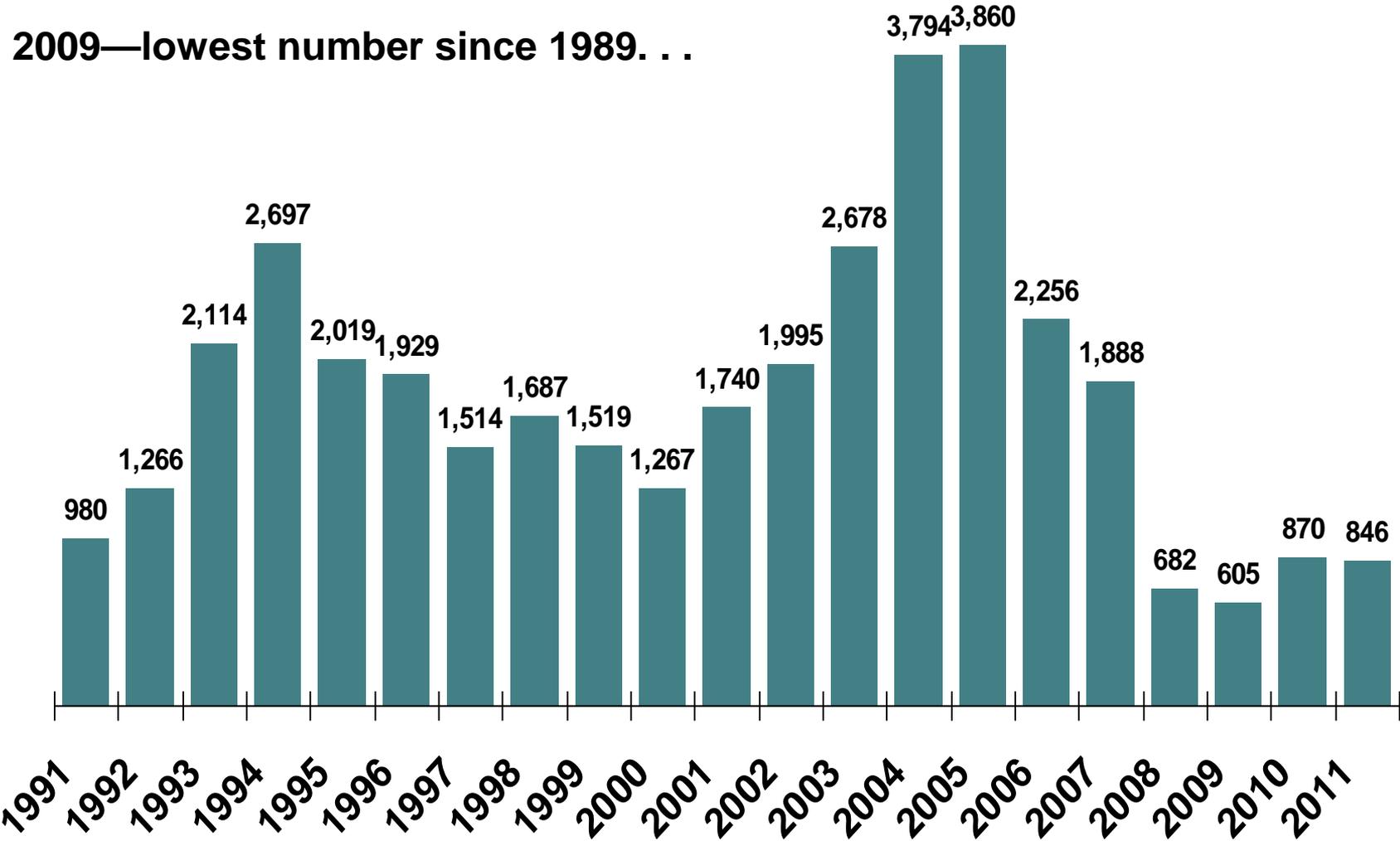
St. George MSA

-3.0

Las Vegas/Henderson MSA -4.1

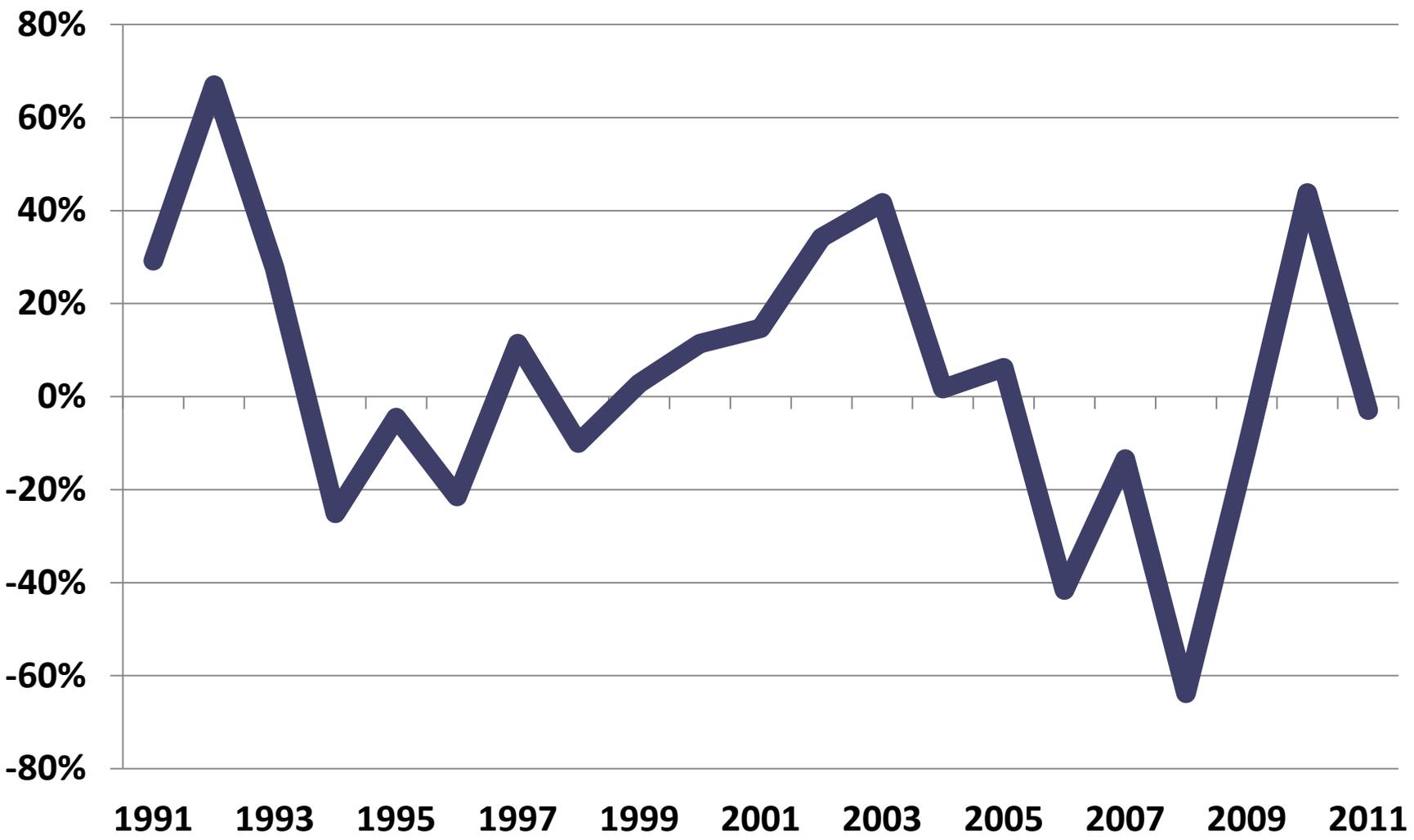
Washington County Dwelling Unit Permits

2009—lowest number since 1989. . .



* Source: U of U; Utah Bureau of Economic and Business Research.

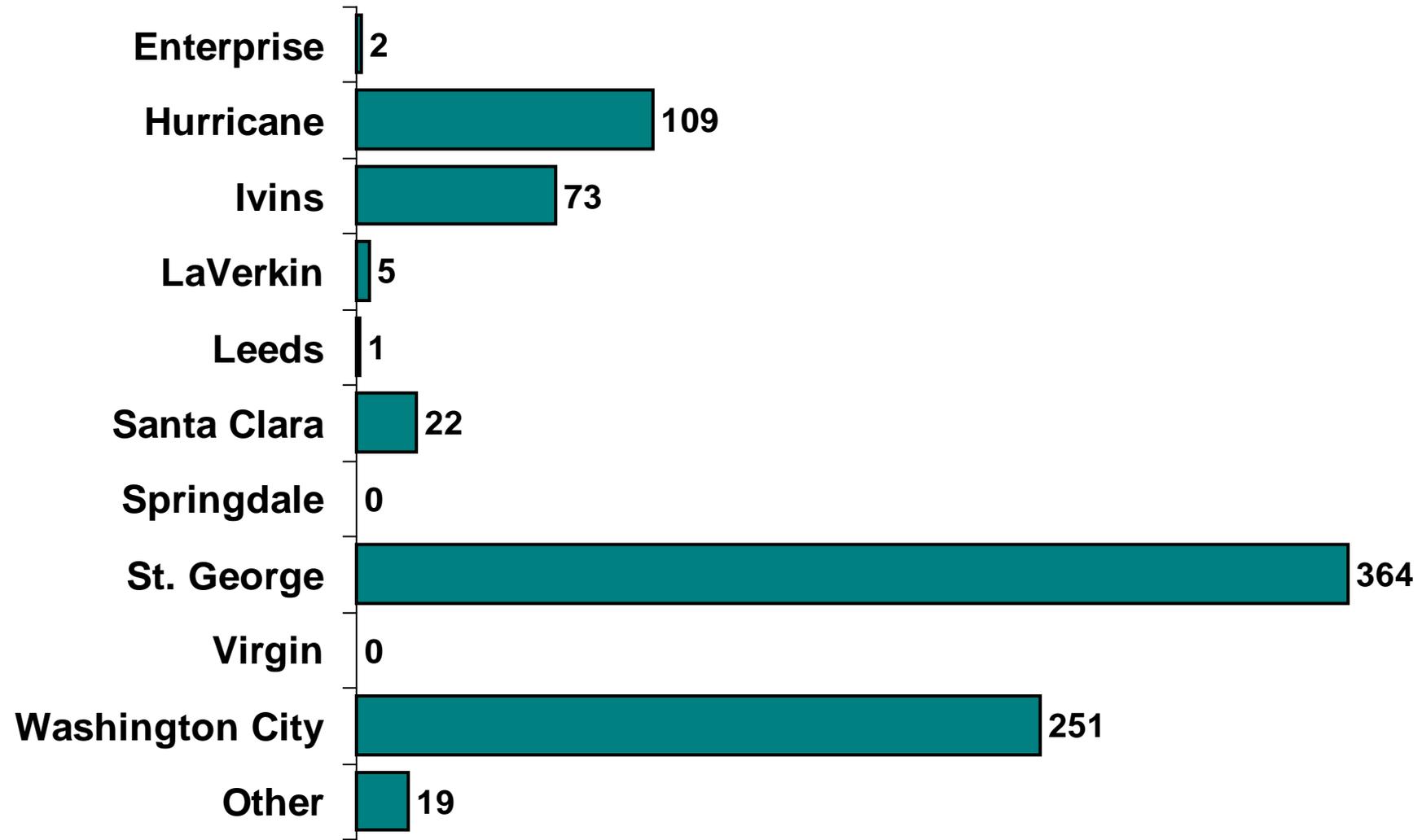
Annual Change in Washington County New Dwelling Unit Permits



* January-October 2011.

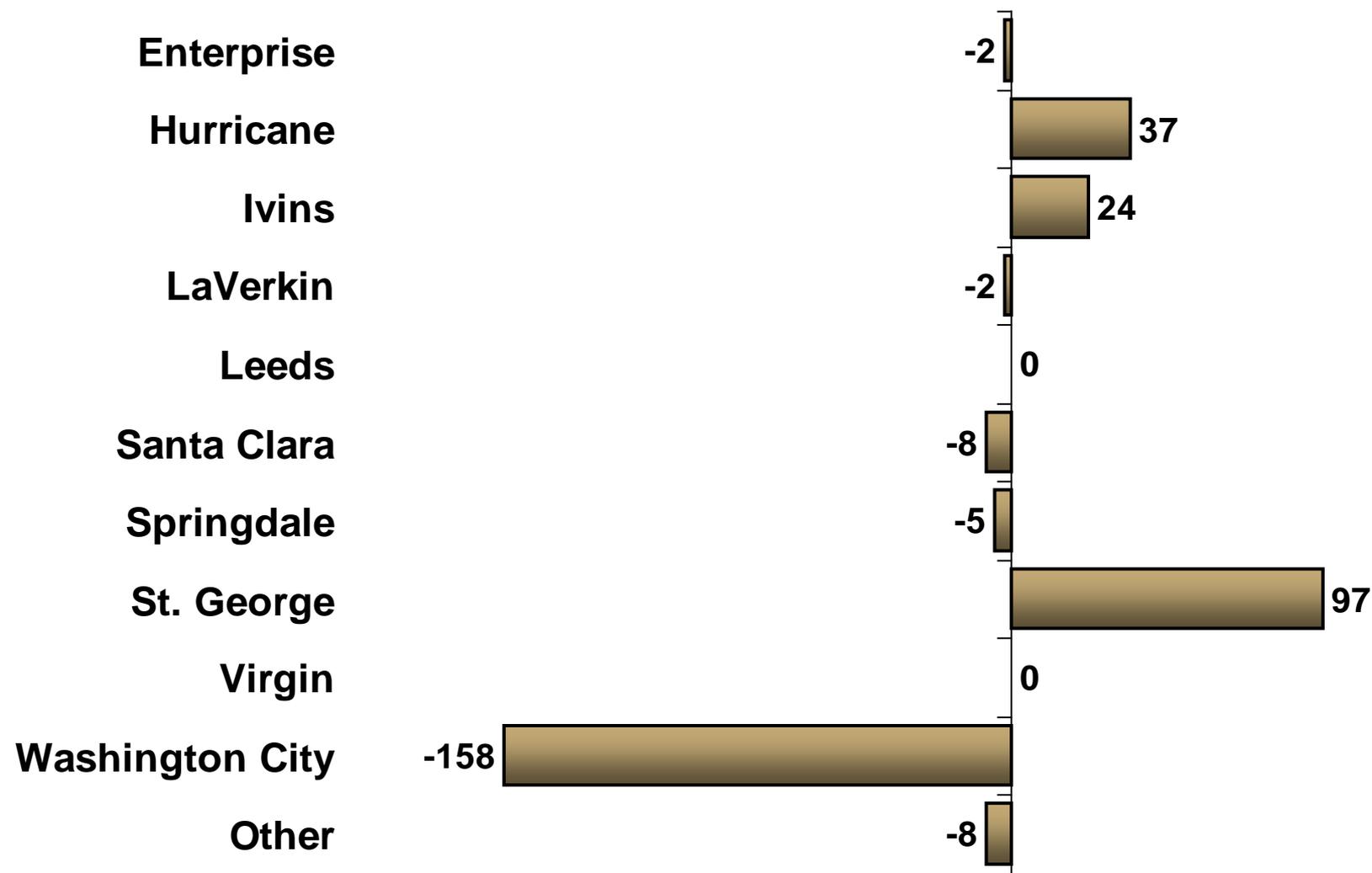
Source: University of Utah Bureau of Economic and Business Research.

2011 Washington County New Dwelling Units by Community



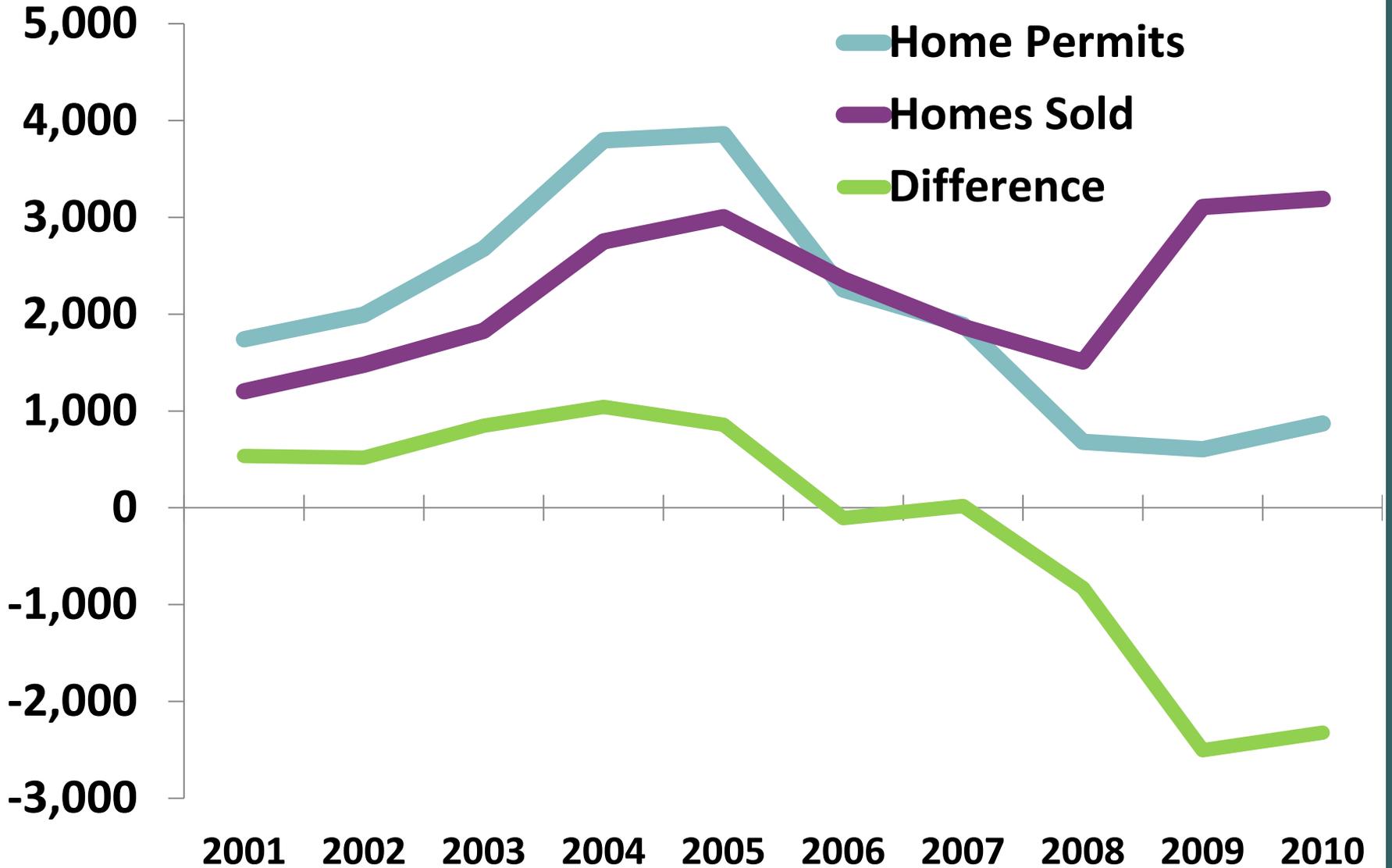
Source: Utah Bureau of Business and Economic Research.

2011 Washington County Change in Permitted New Dwelling Units by Community



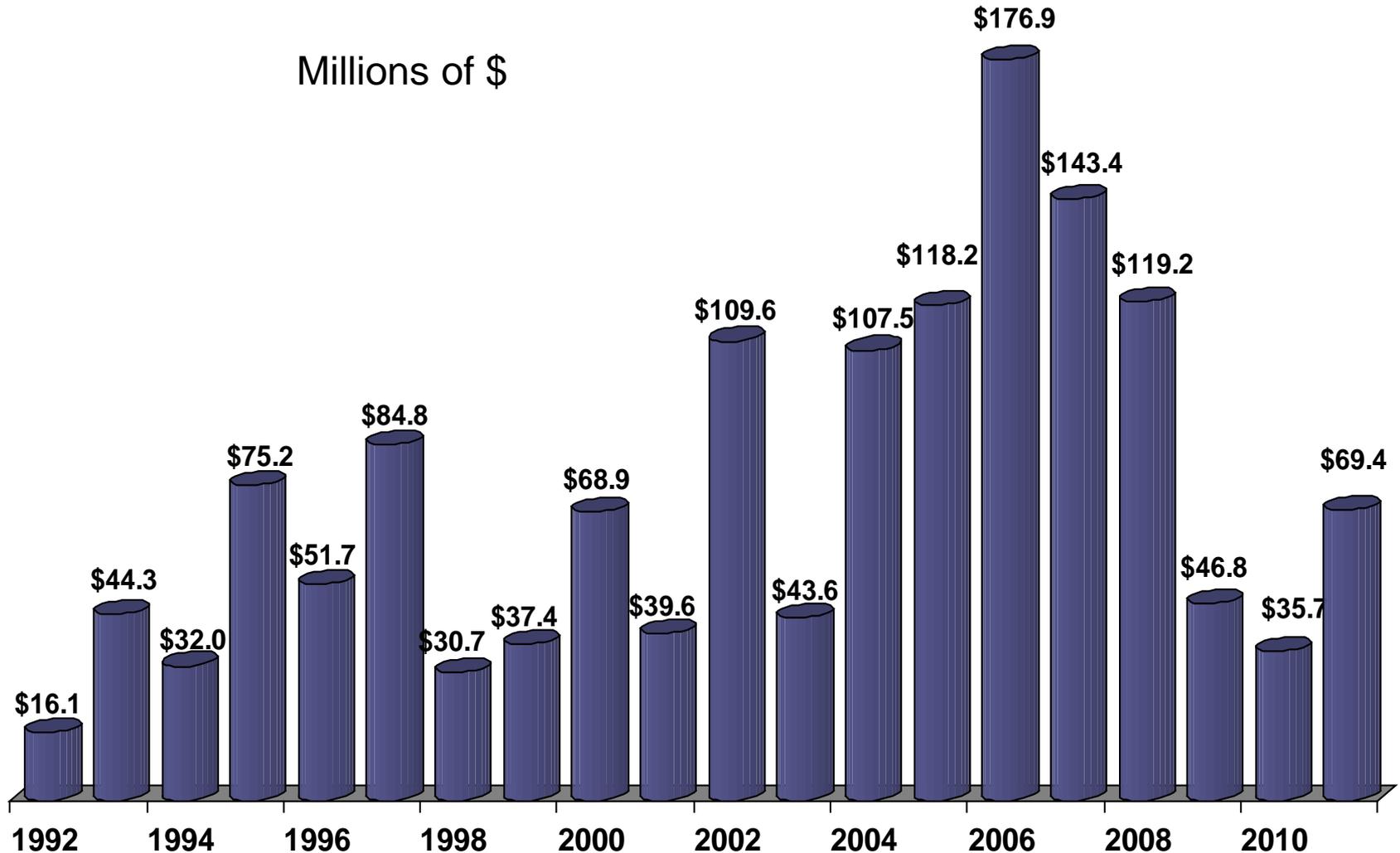
Source: Utah Bureau of Business and Economic Research.

Washington County Dwelling Unit Permits

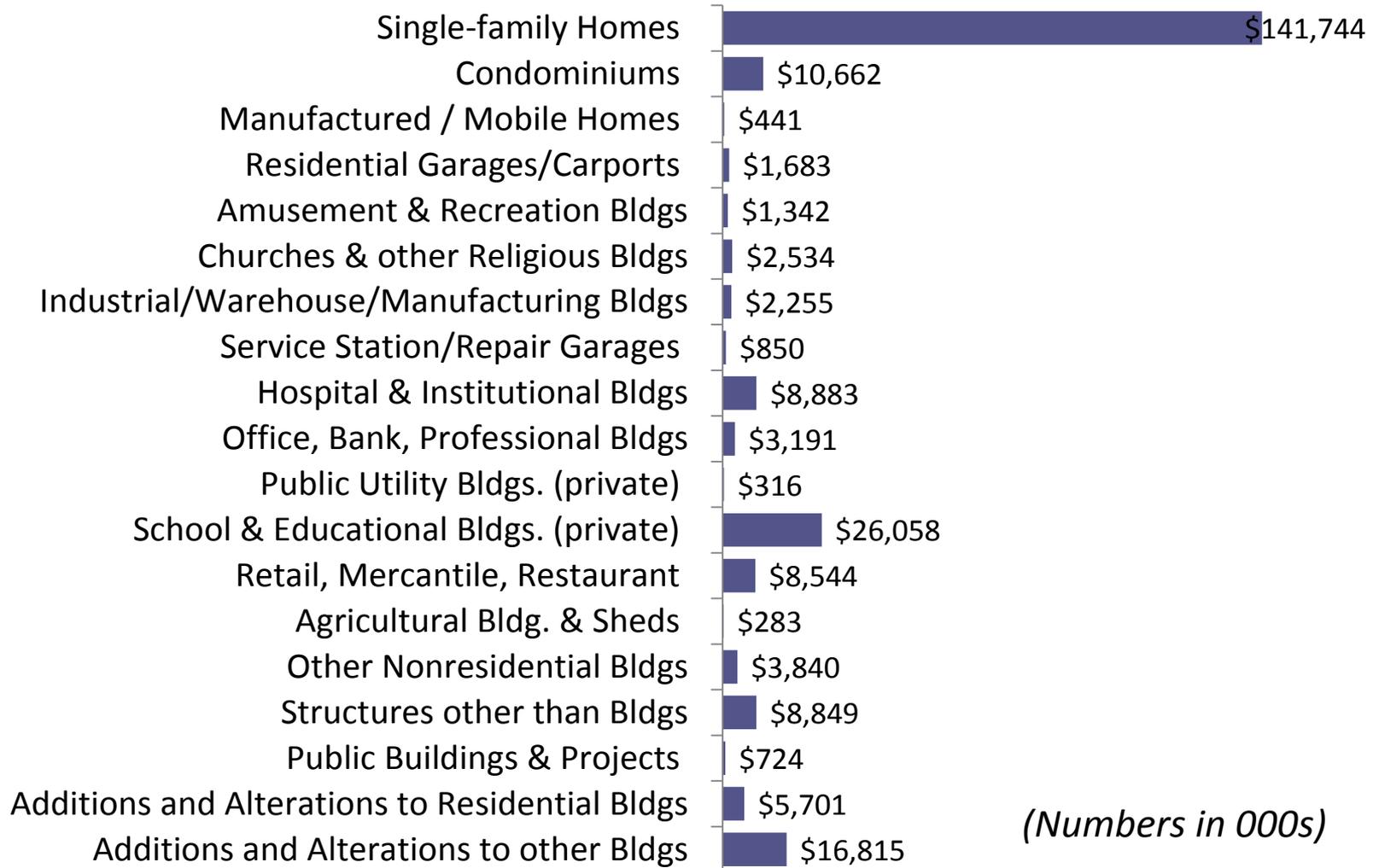


Washington County New Nonresidential Building Permit Valuation

Millions of \$

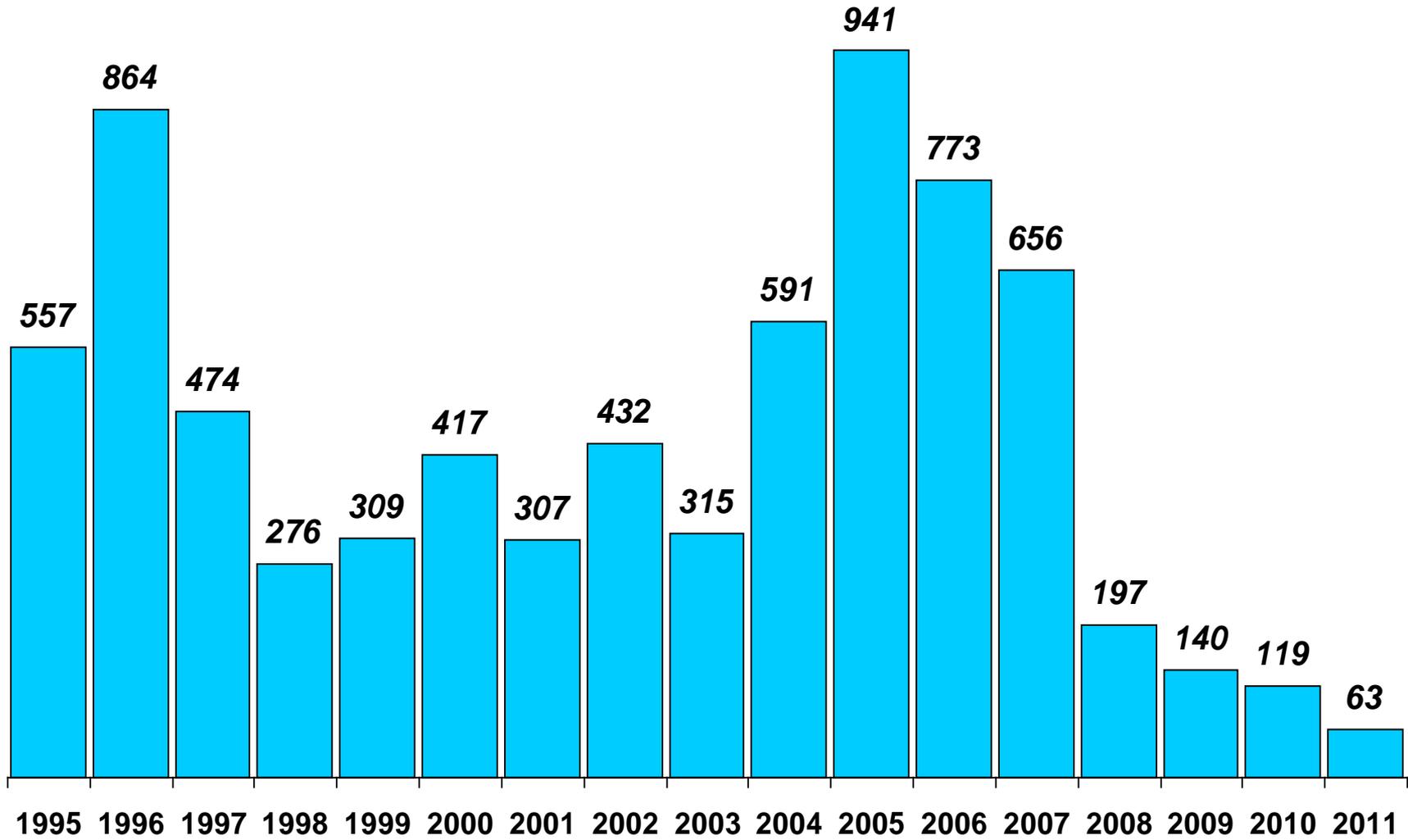


Washington County 2011 Permit Values by Building Type



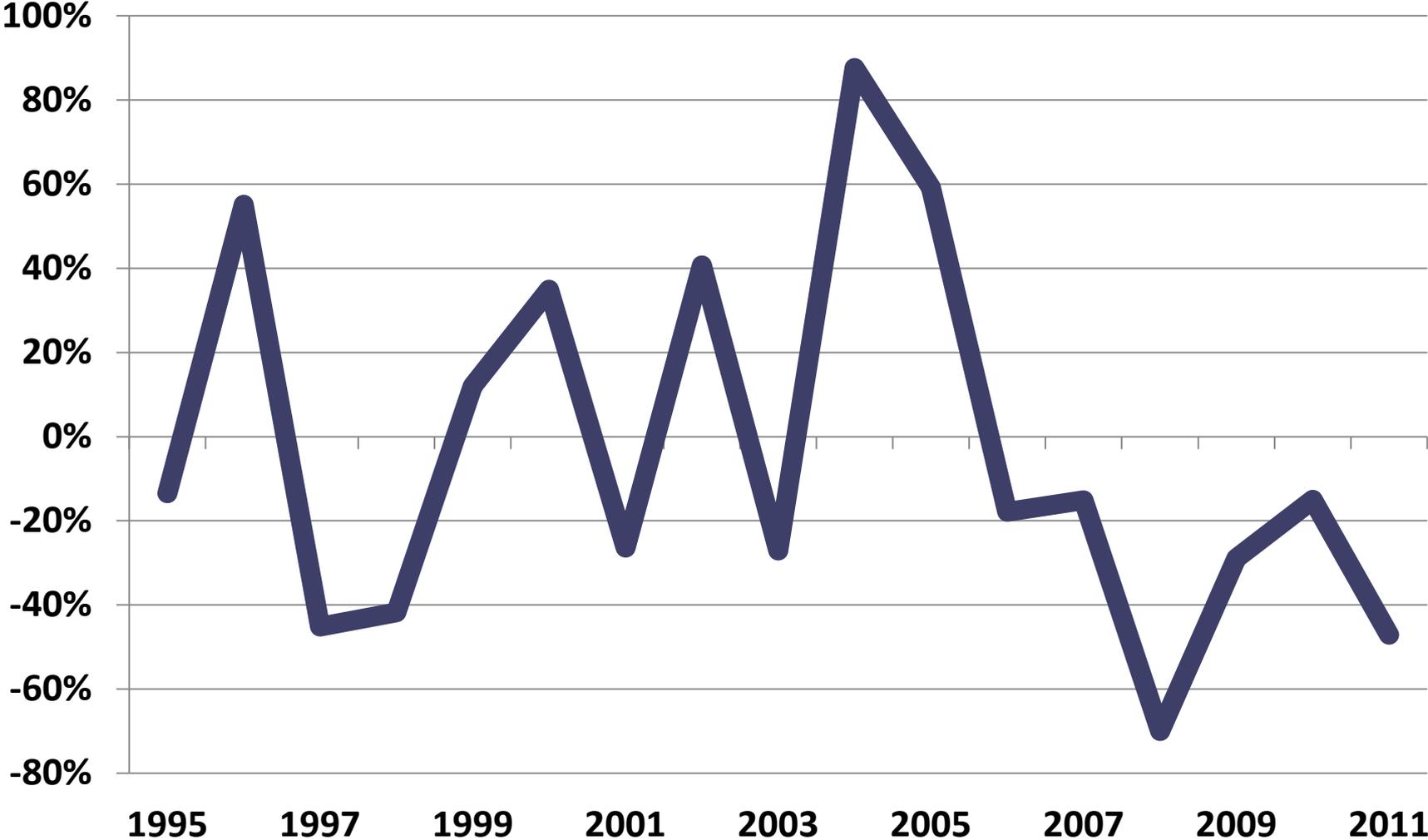
Source: Utah Bureau of Business and Economic Research.

Iron County Dwelling Unit Permits



Source: Utah Bureau of Business and Economic Research.

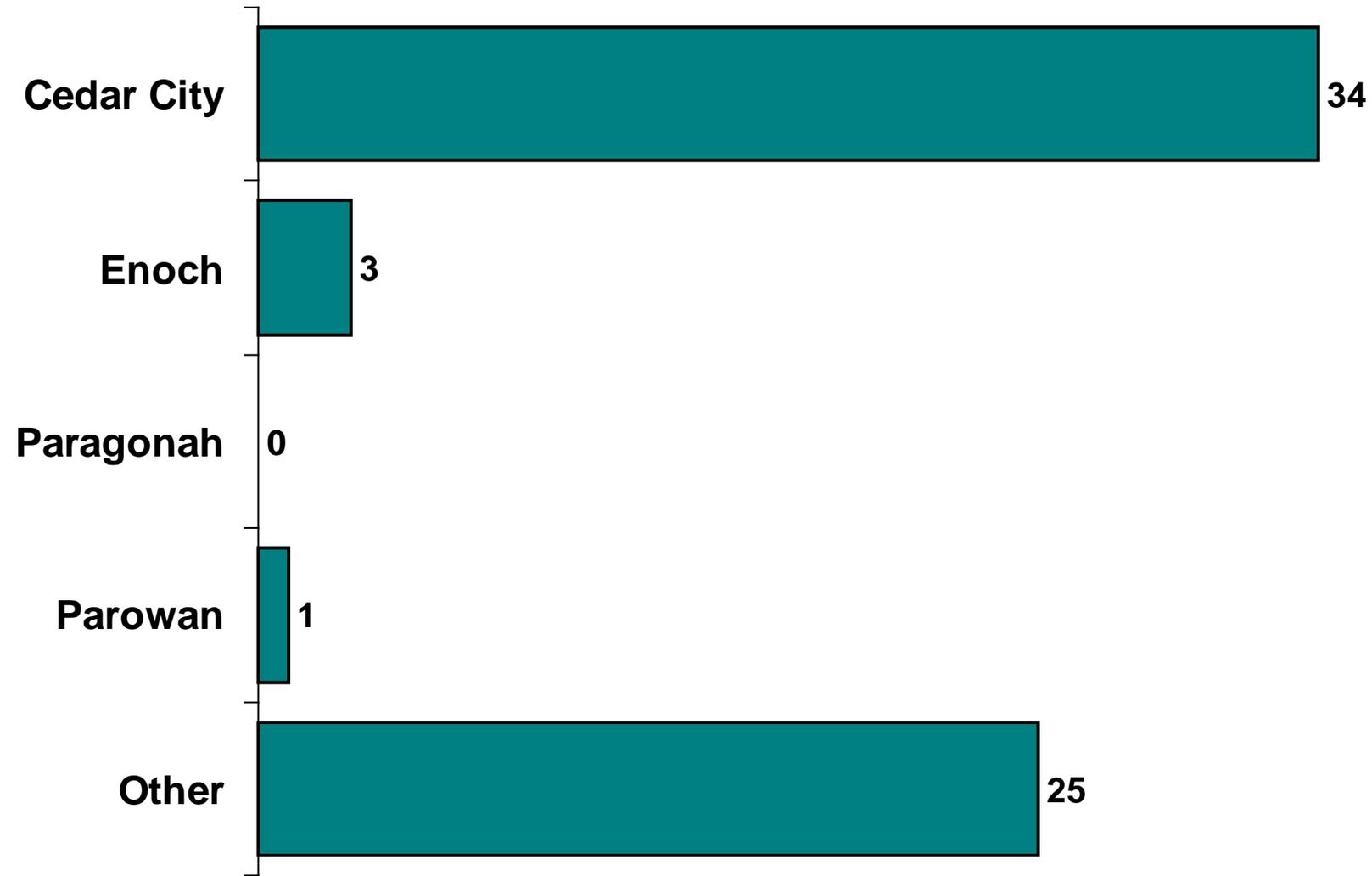
Annual Change in Iron County New Dwelling Unit Permits



* January-October 2011.

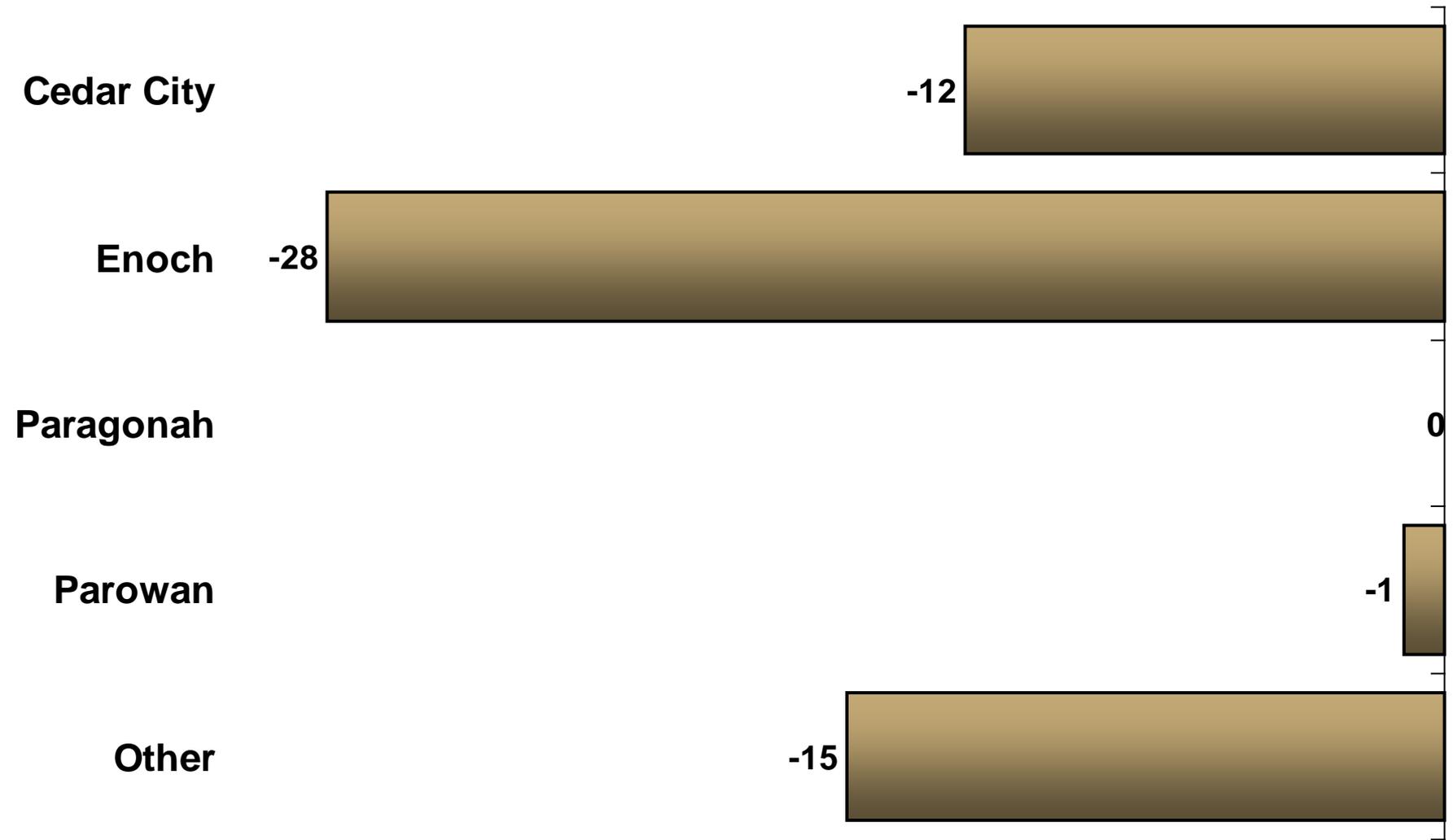
Source: University of Utah Bureau of Economic and Business Research.

2011 Iron New Dwelling Units by Community



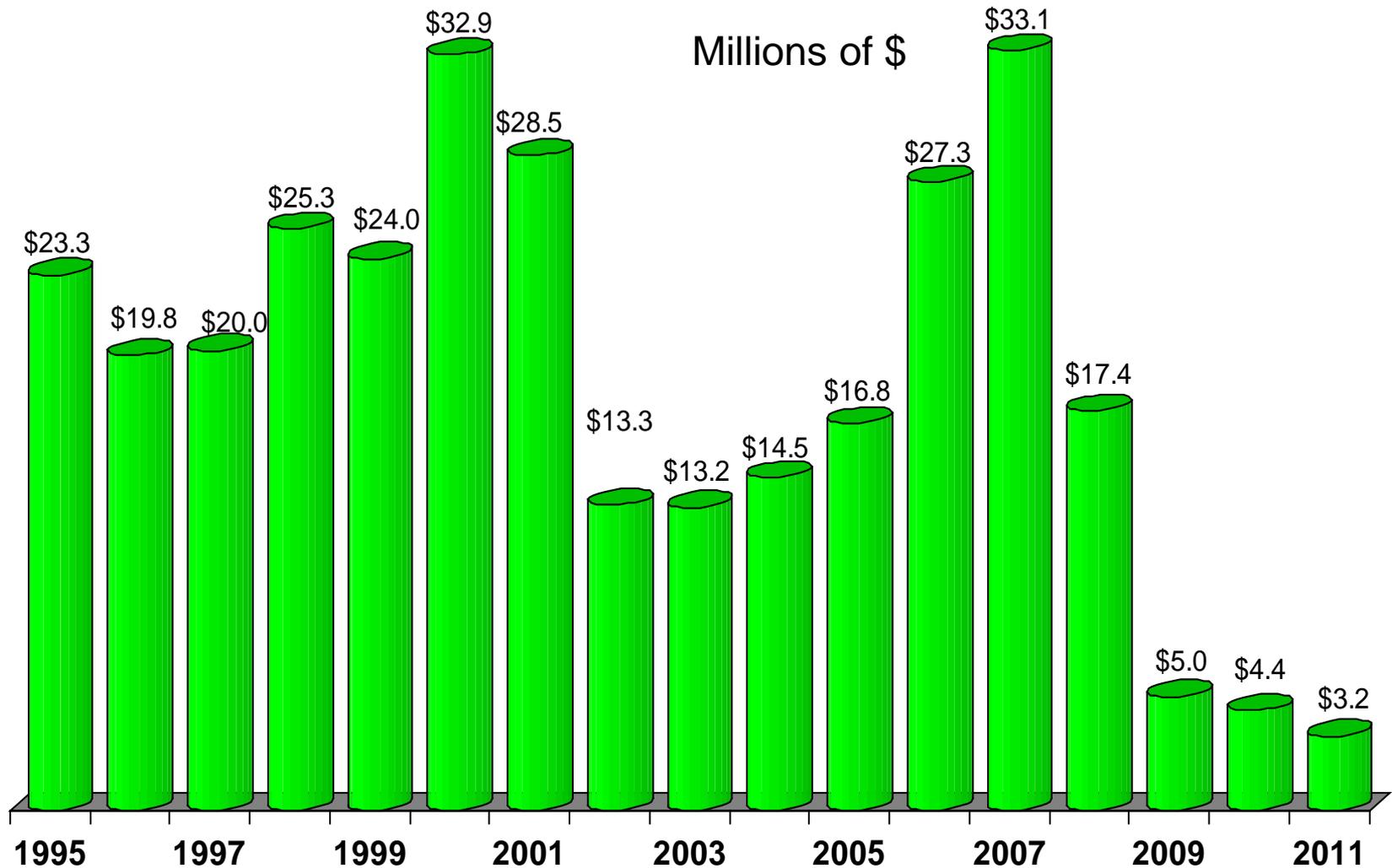
Source: Utah Bureau of Business and Economic Research.

2011 Iron County Change in Permitted New Dwelling Units by Community



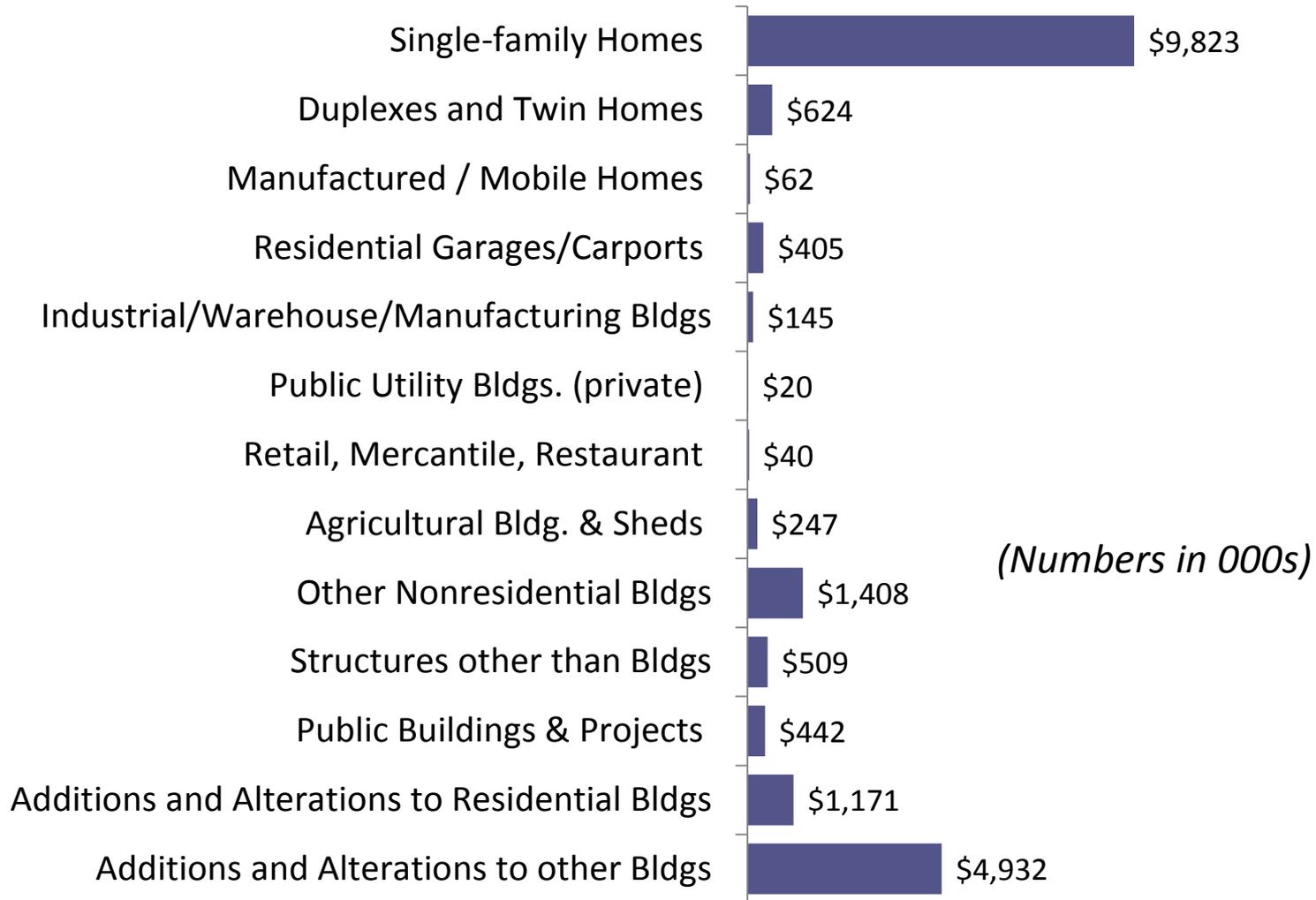
Source: Utah Bureau of Business and Economic Research.

Iron County New Nonresidential Building Permit Valuation



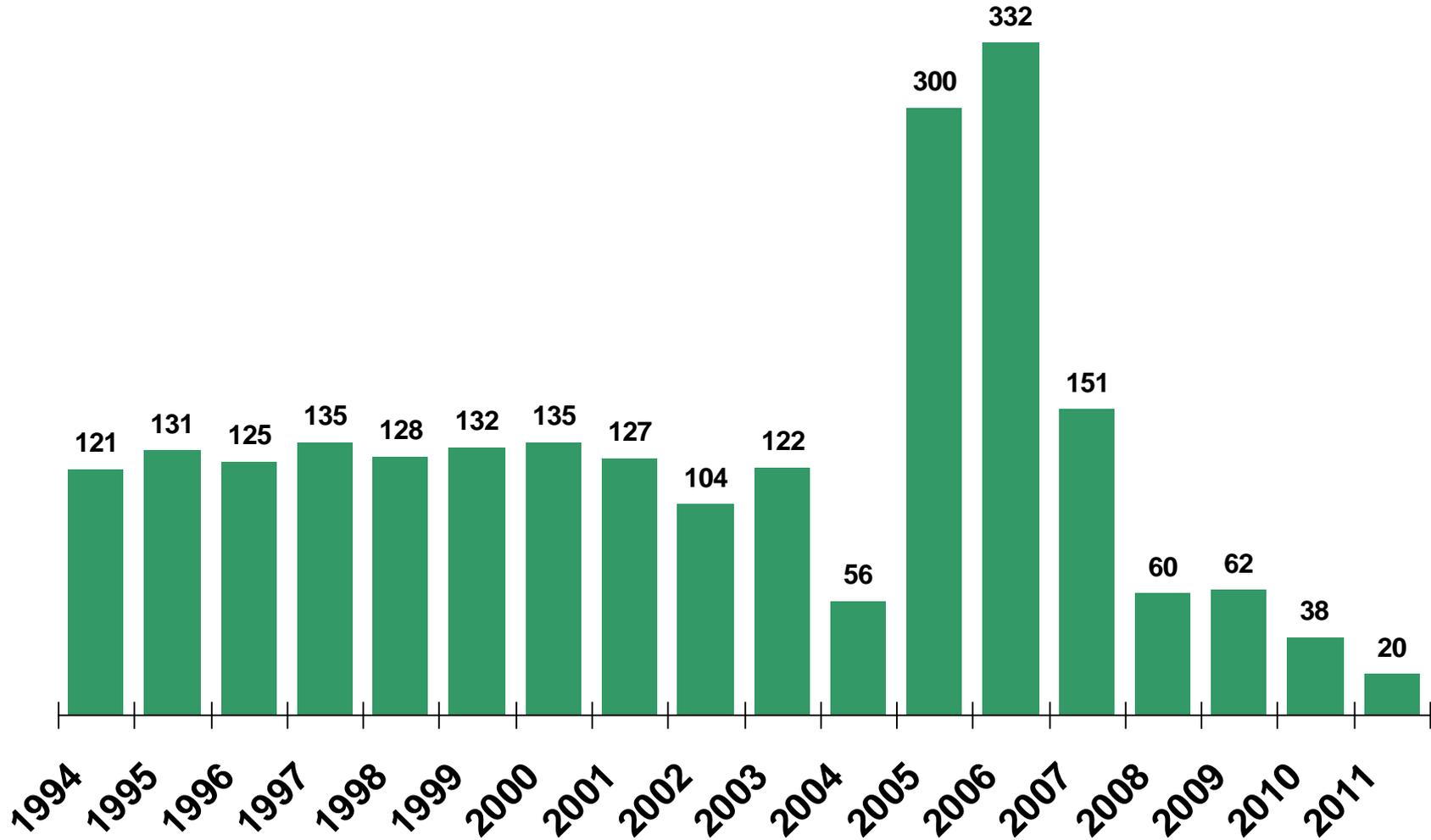
Iron County 2011

Permit Values by Building Type

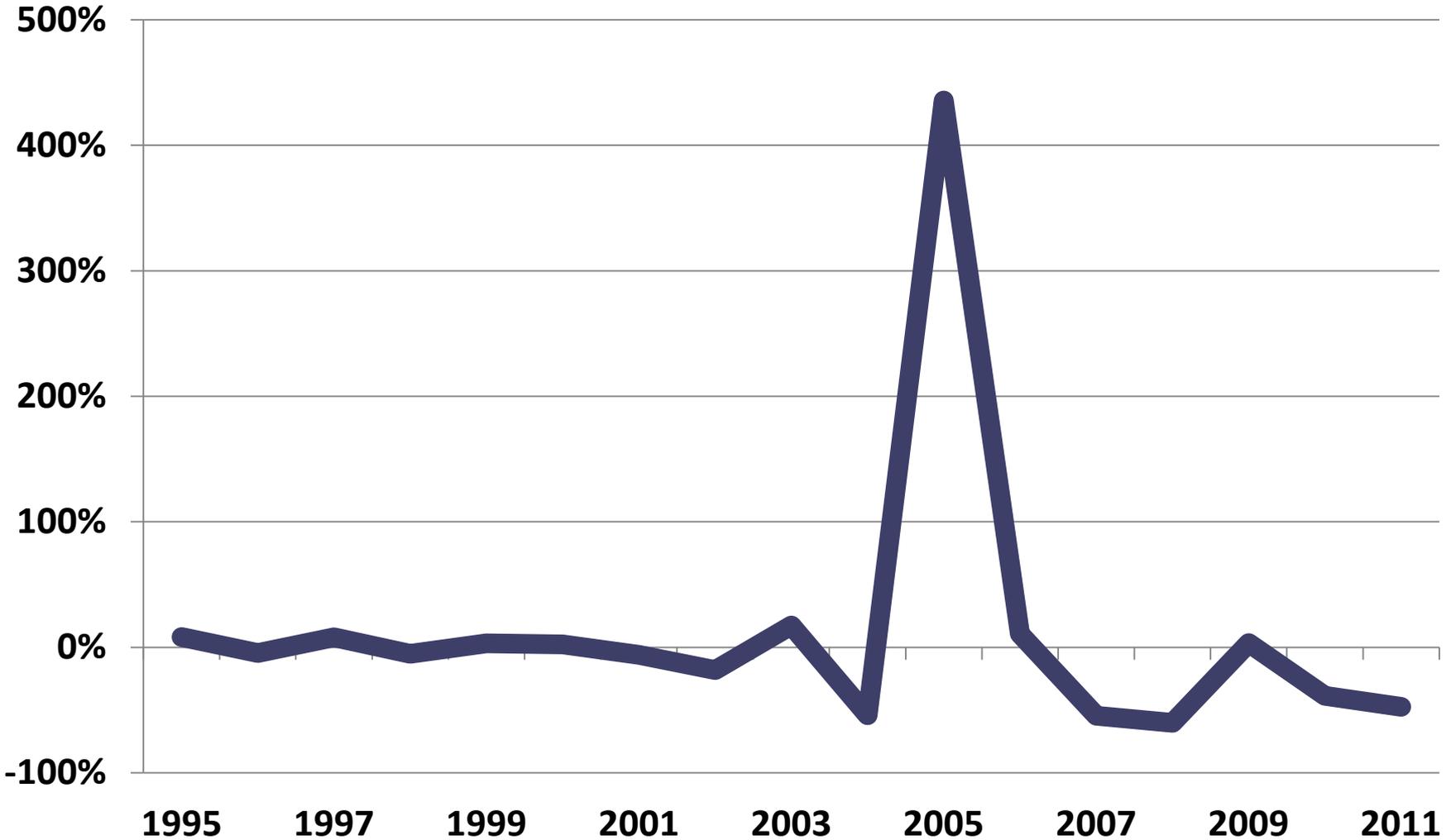


Source: Utah Bureau of Business and Economic Research.

Kane County Dwelling Unit Permits



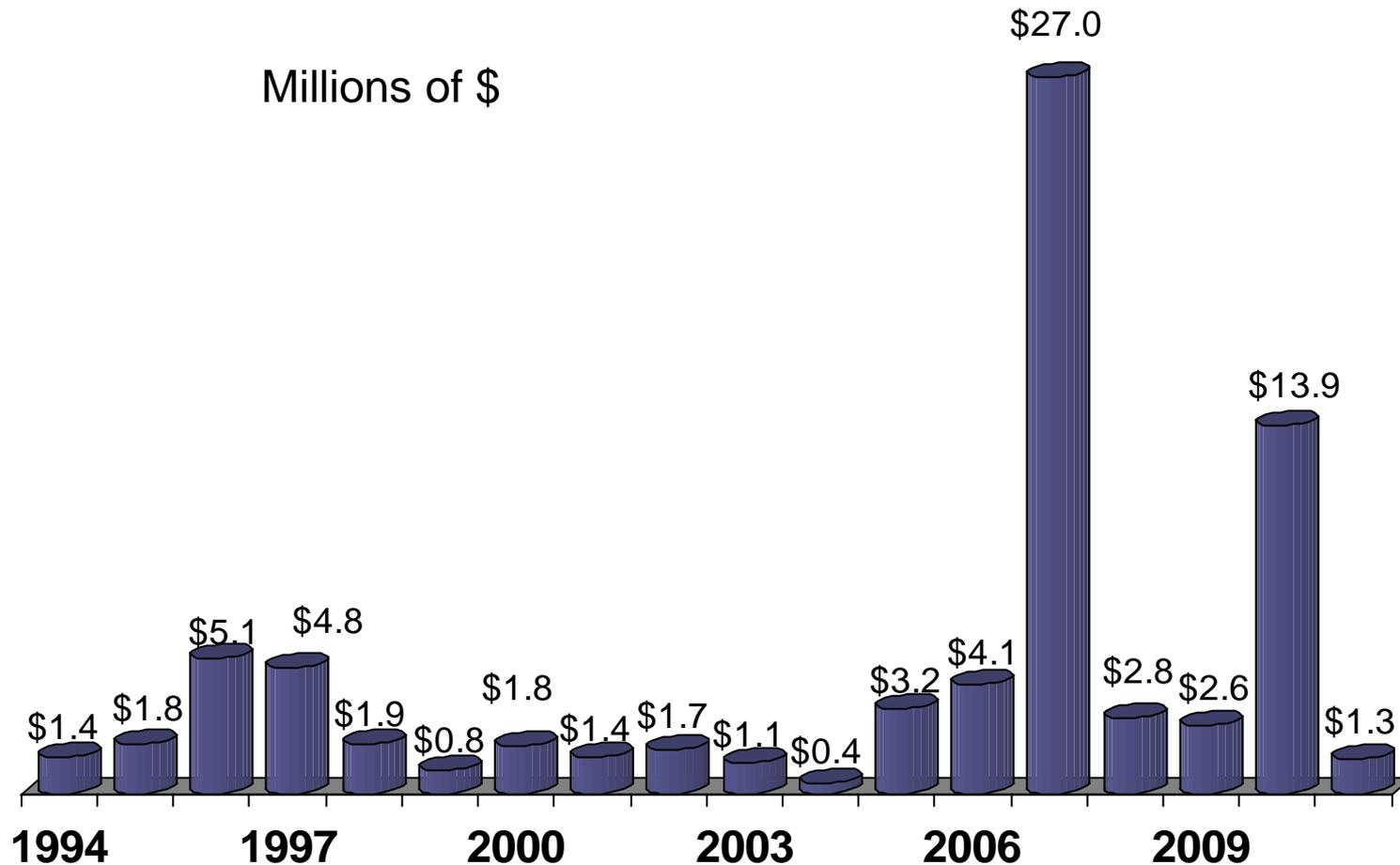
Annual Change in Kane County New Dwelling Unit Permits



* January-October 2011.

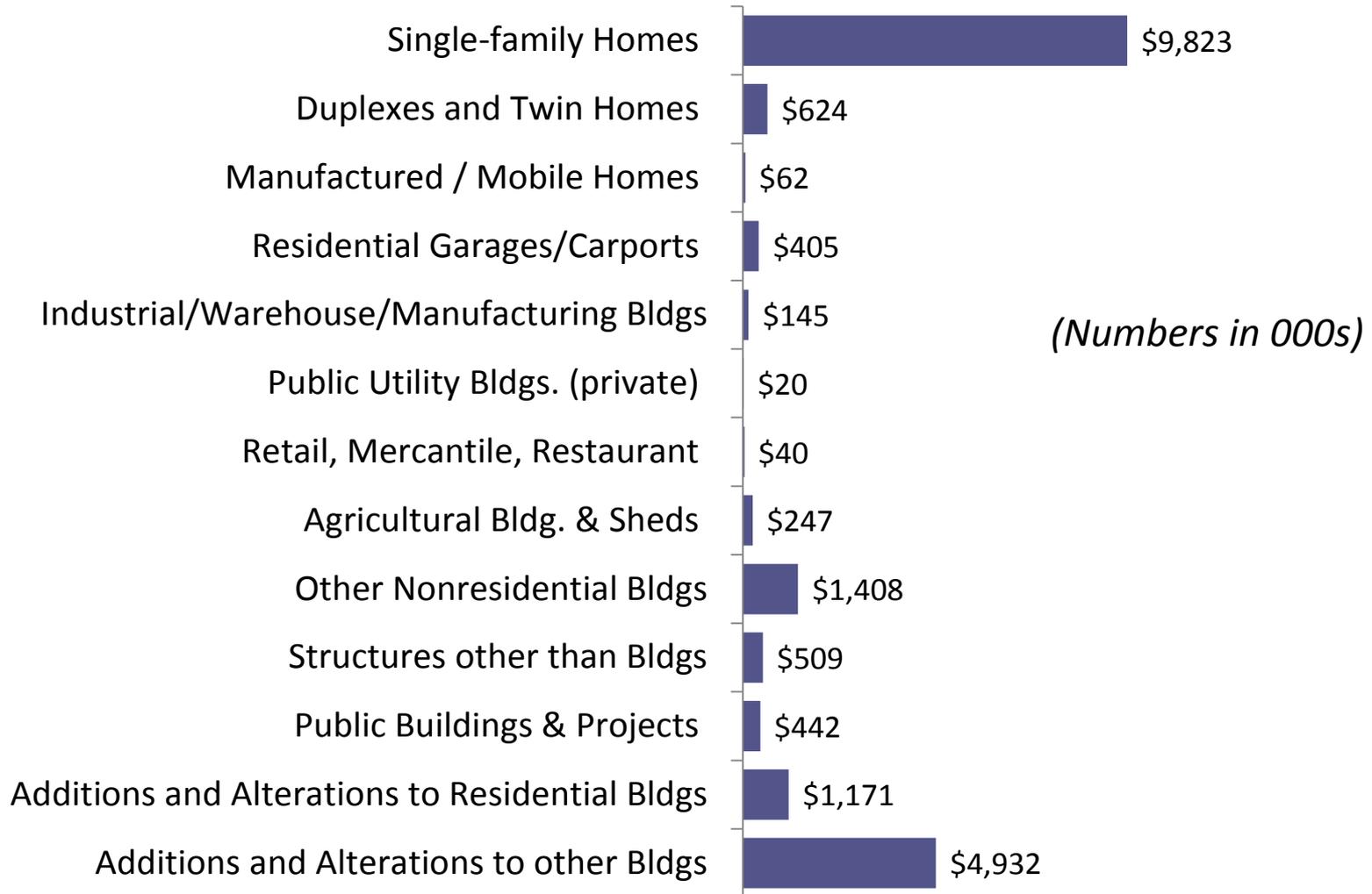
Source: University of Utah Bureau of Economic and Business Research.

Kane County New Nonresidential Building Permit Valuation



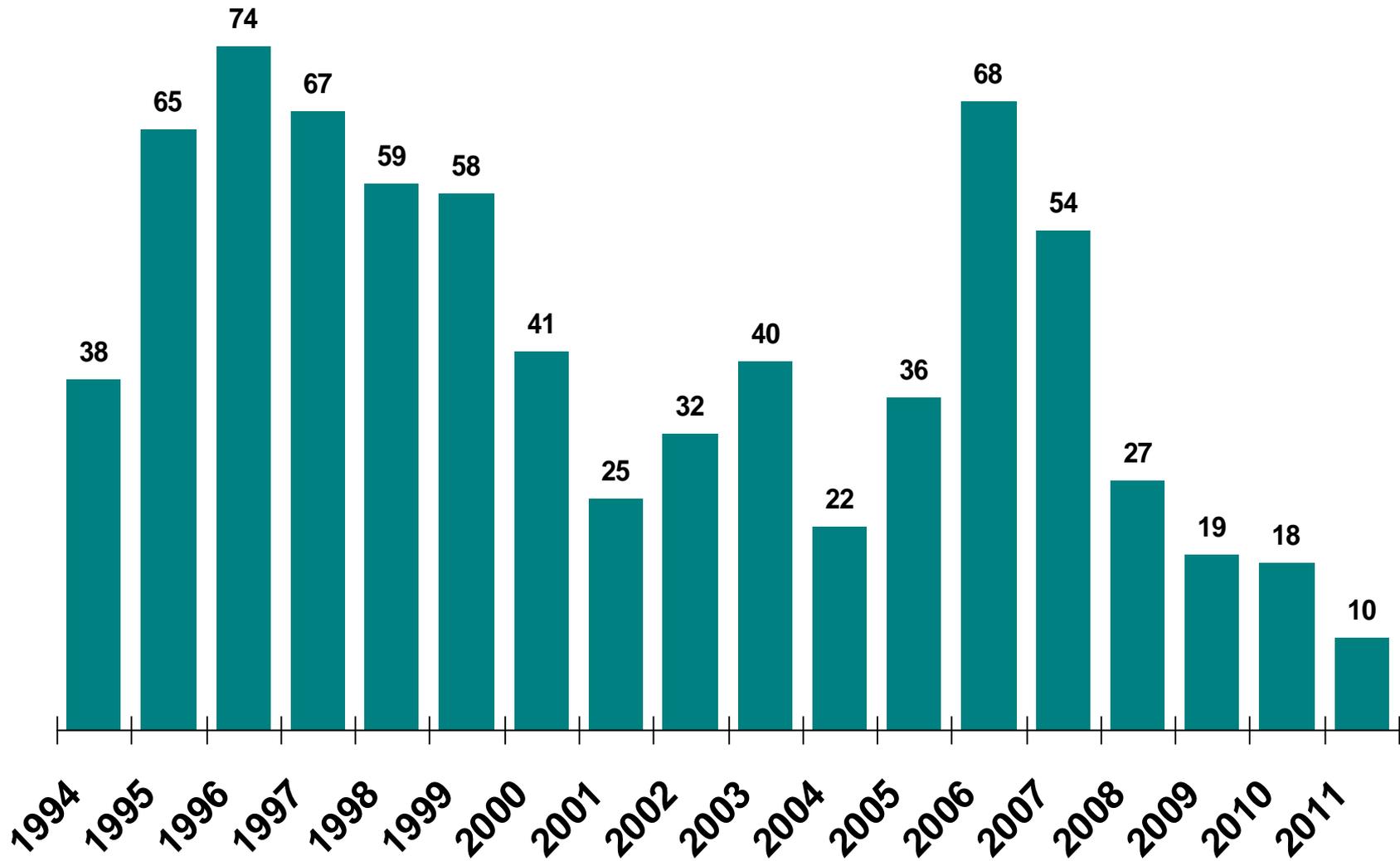
Kane County 2011

Permit Values by Building Type



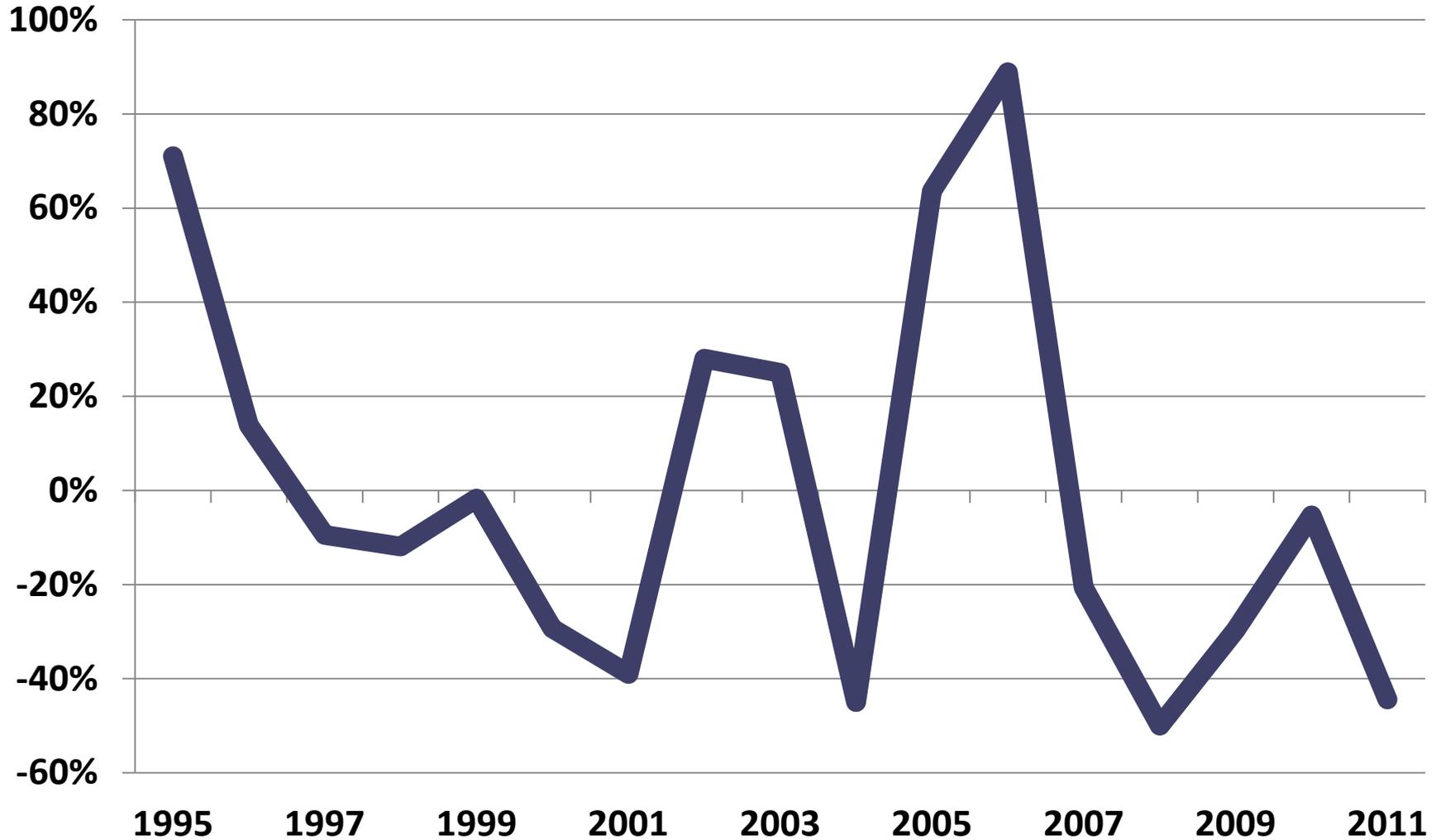
Source: Utah Bureau of Business and Economic Research.

Beaver County Dwelling Unit Permits



* Source: U of U; Utah Bureau of Economic and Business Research.

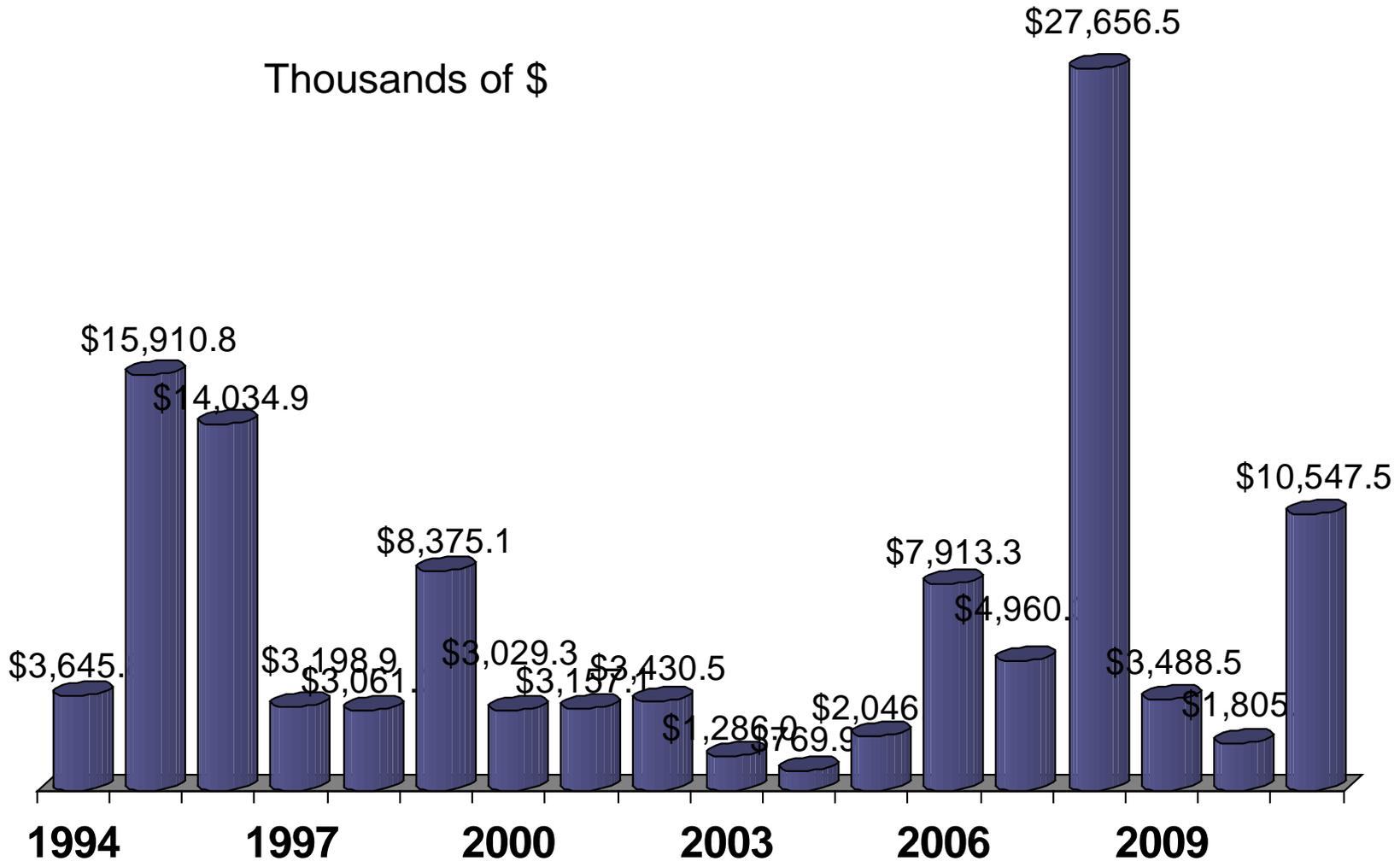
Annual Change in Beaver County New Dwelling Unit Permits



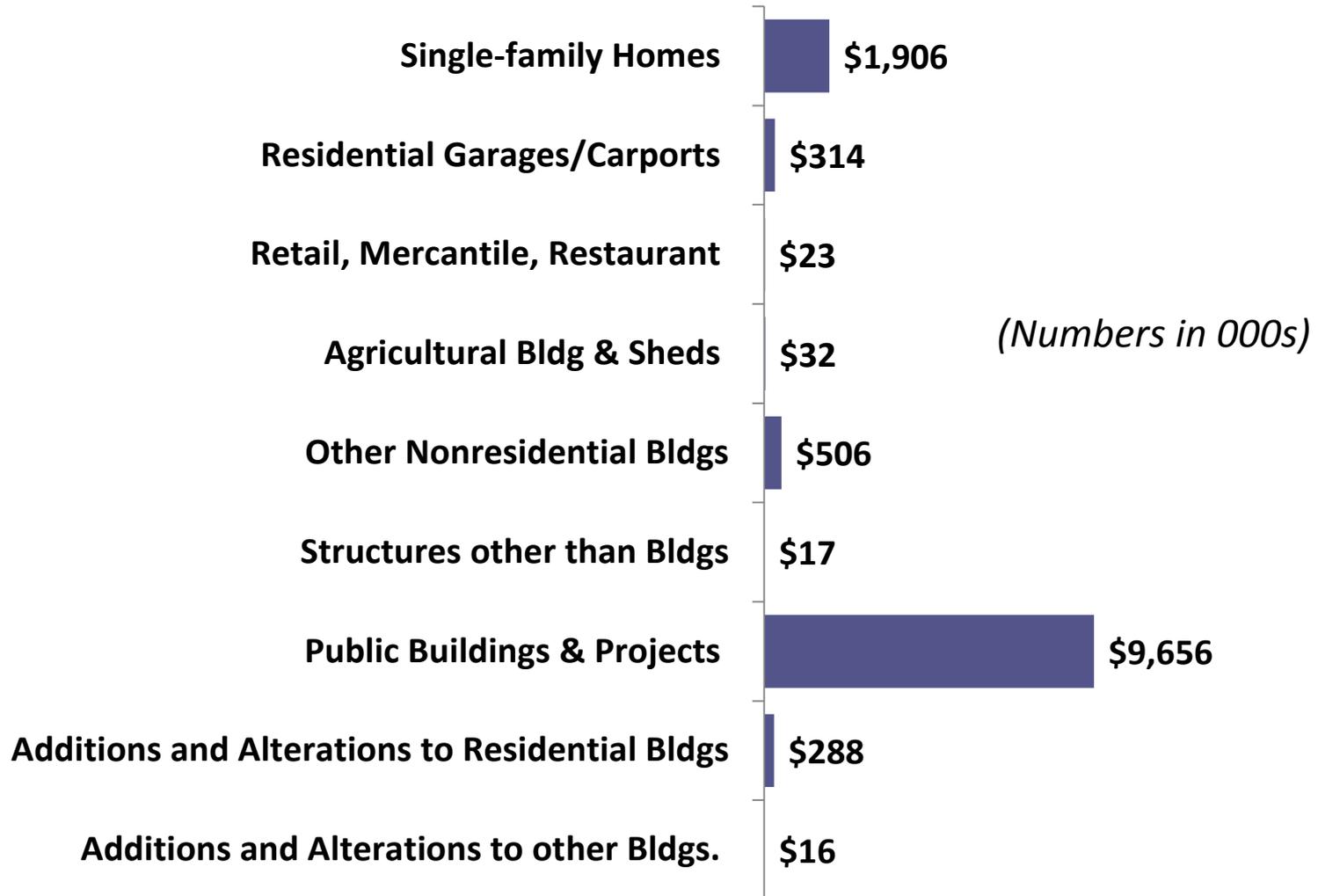
* January-October 2011.

Source: University of Utah Bureau of Economic and Business Research.

Beaver County New Nonresidential Building Permit Valuation

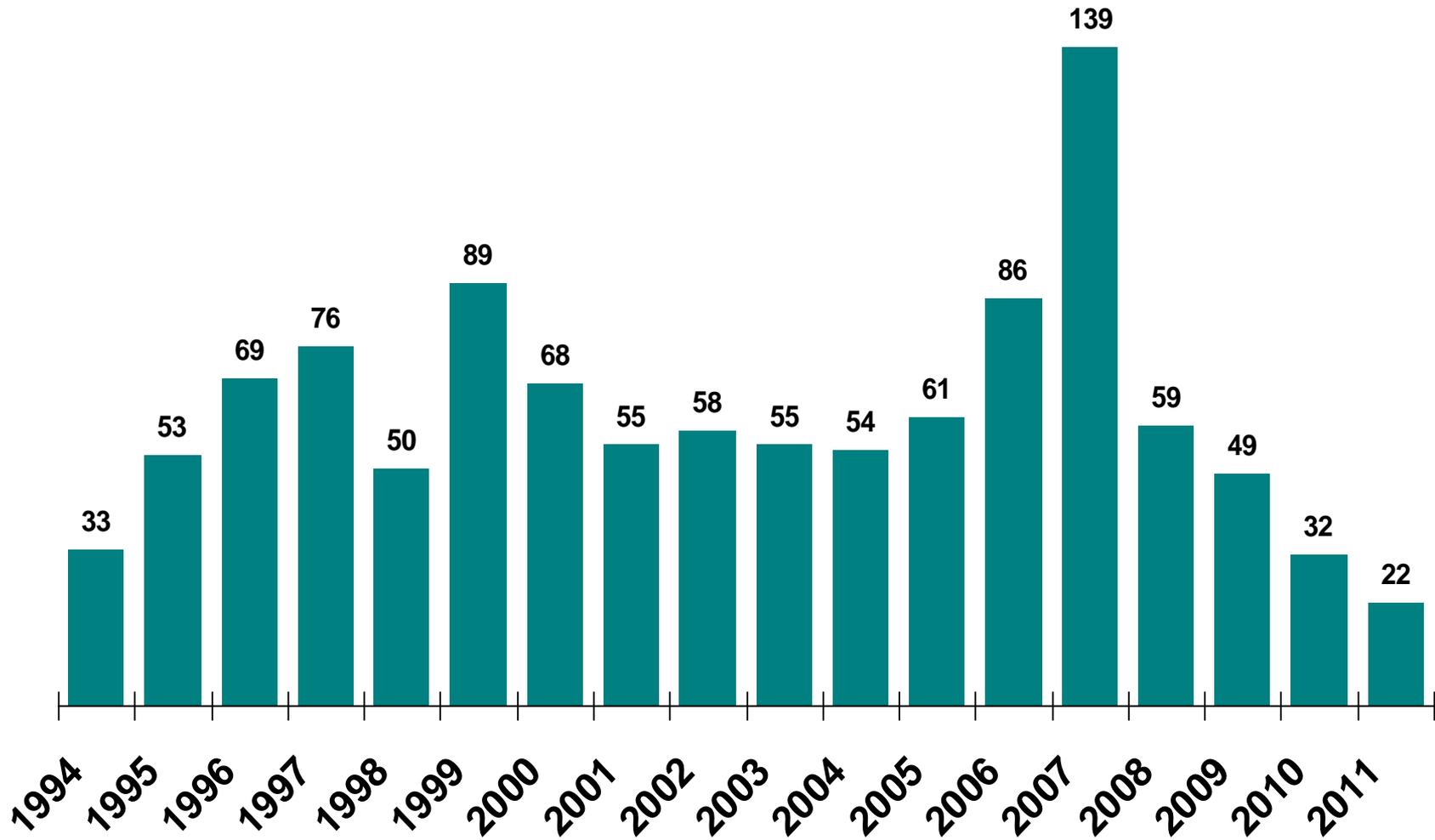


Beaver County 2011 Permit Values by Building Type

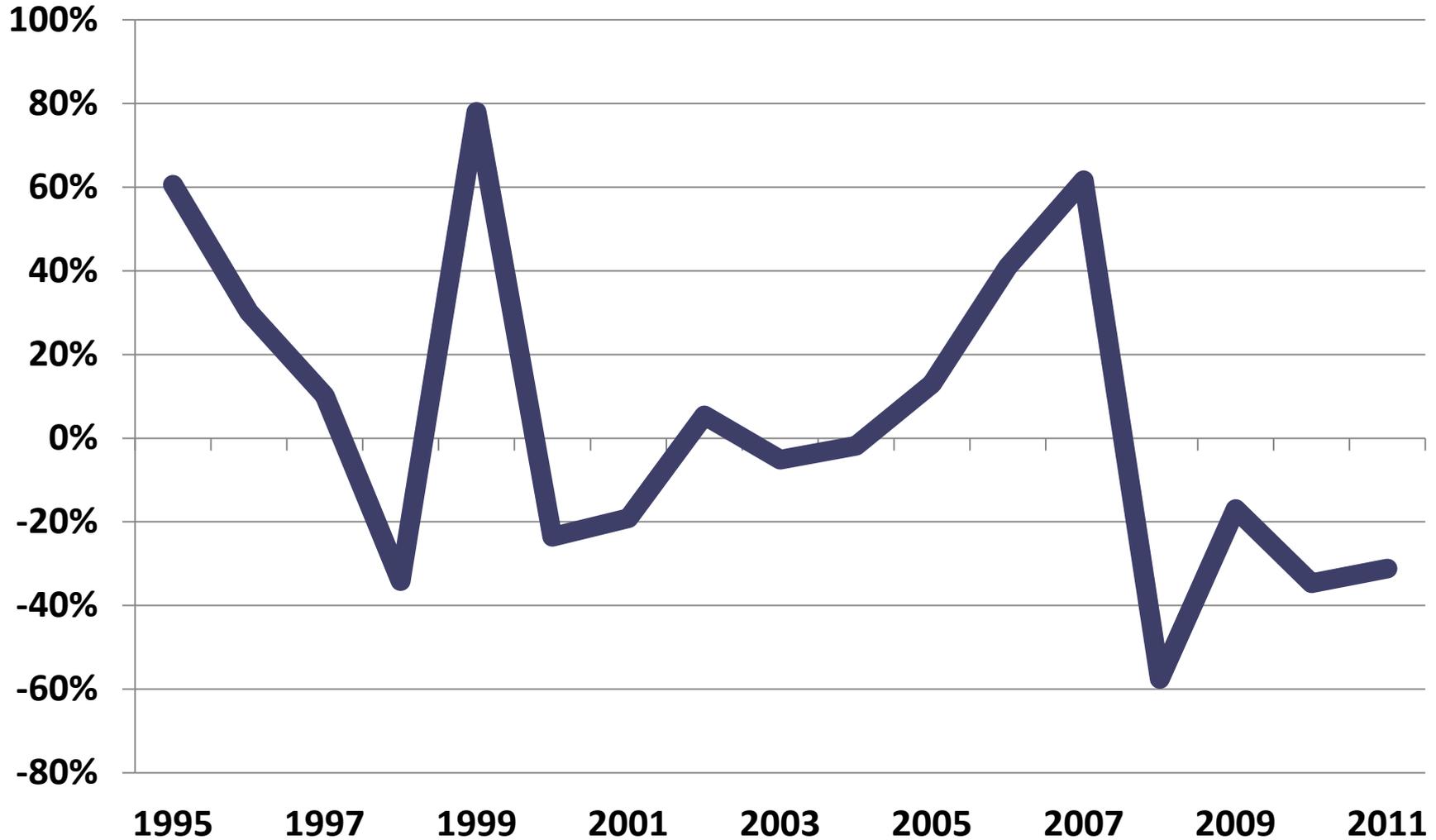


Source: Utah Bureau of Business and Economic Research.

Garfield County Dwelling Unit Permits



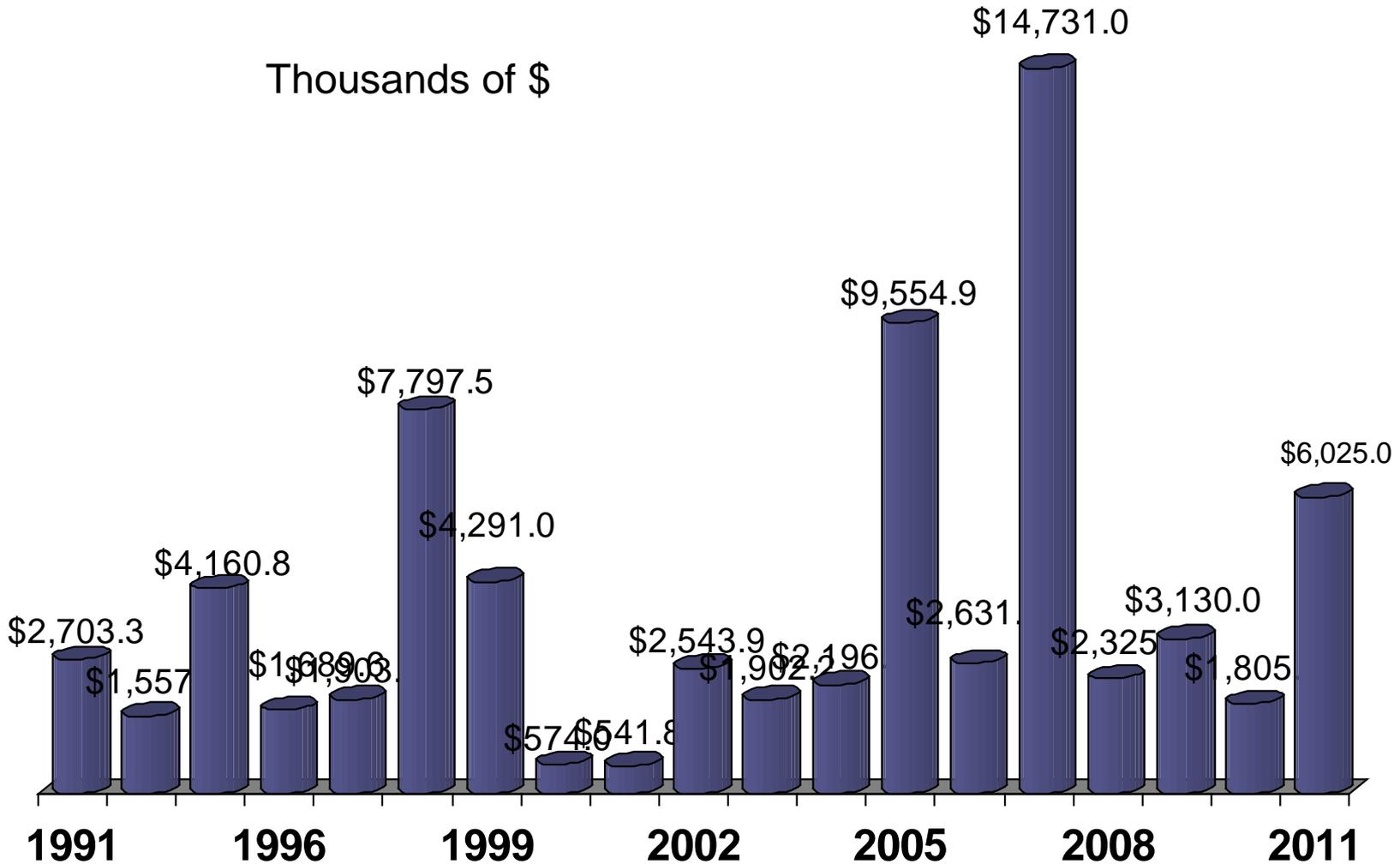
Annual Change in Garfield County New Dwelling Unit Permits



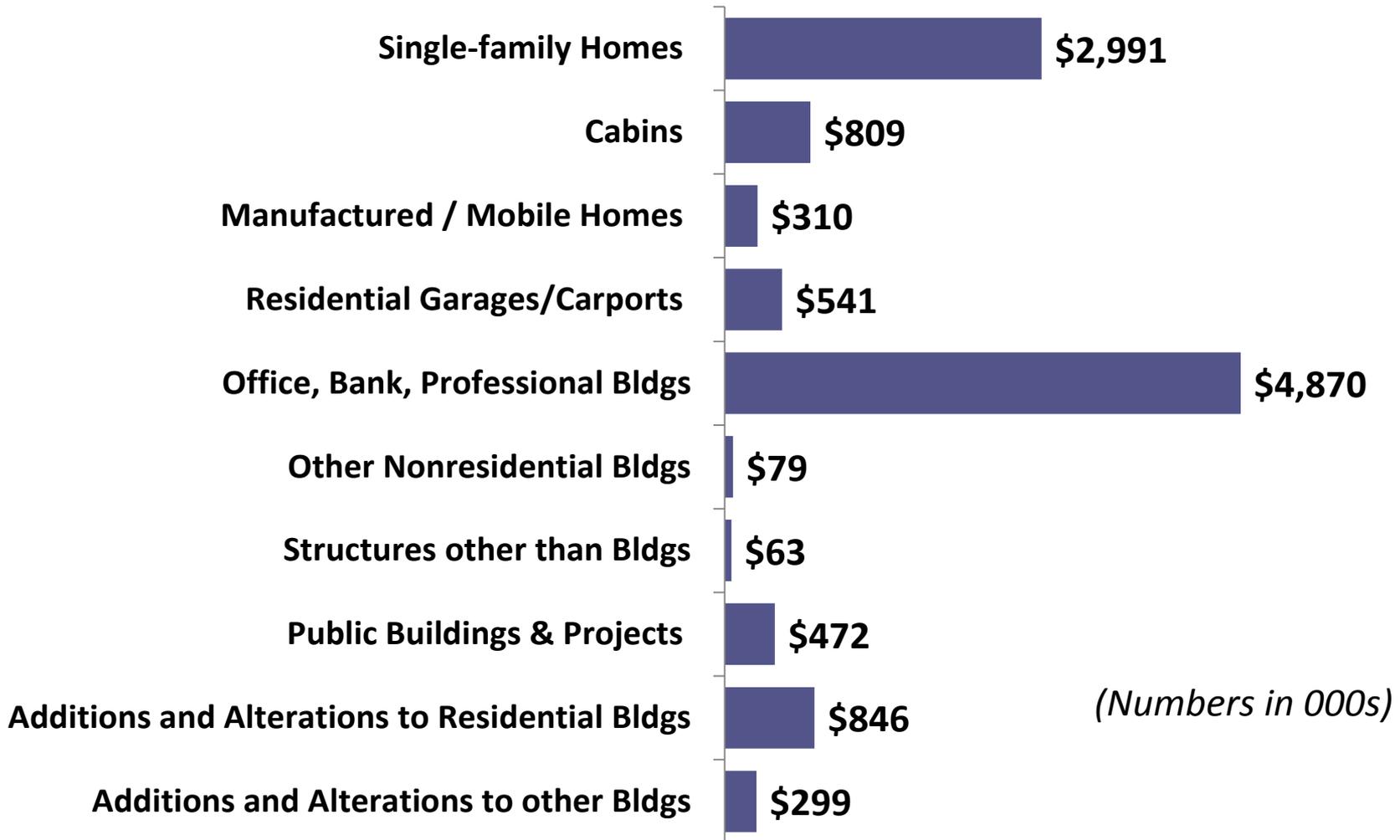
* January-October 2011.

Source: University of Utah Bureau of Economic and Business Research.

Garfield County New Nonresidential Building Permit Valuation



Garfield County 2011 Permit Values by Building Type



Source: Utah Bureau of Business and Economic Research.



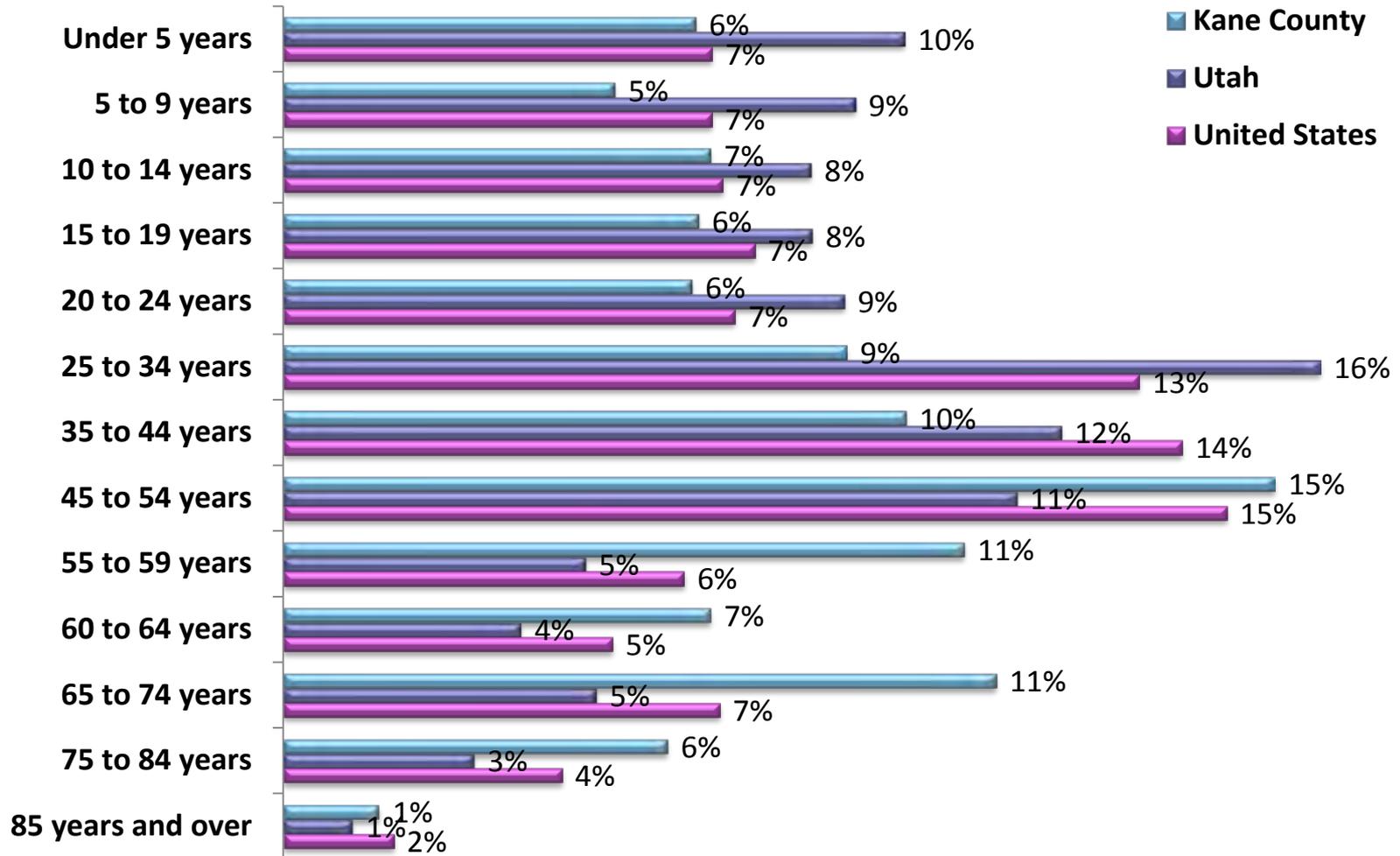
The American Community Survey and You. . .



The American Community Survey provides vast variety of demographic/economic information is available on the local level. It replaces the long-form from the Census.

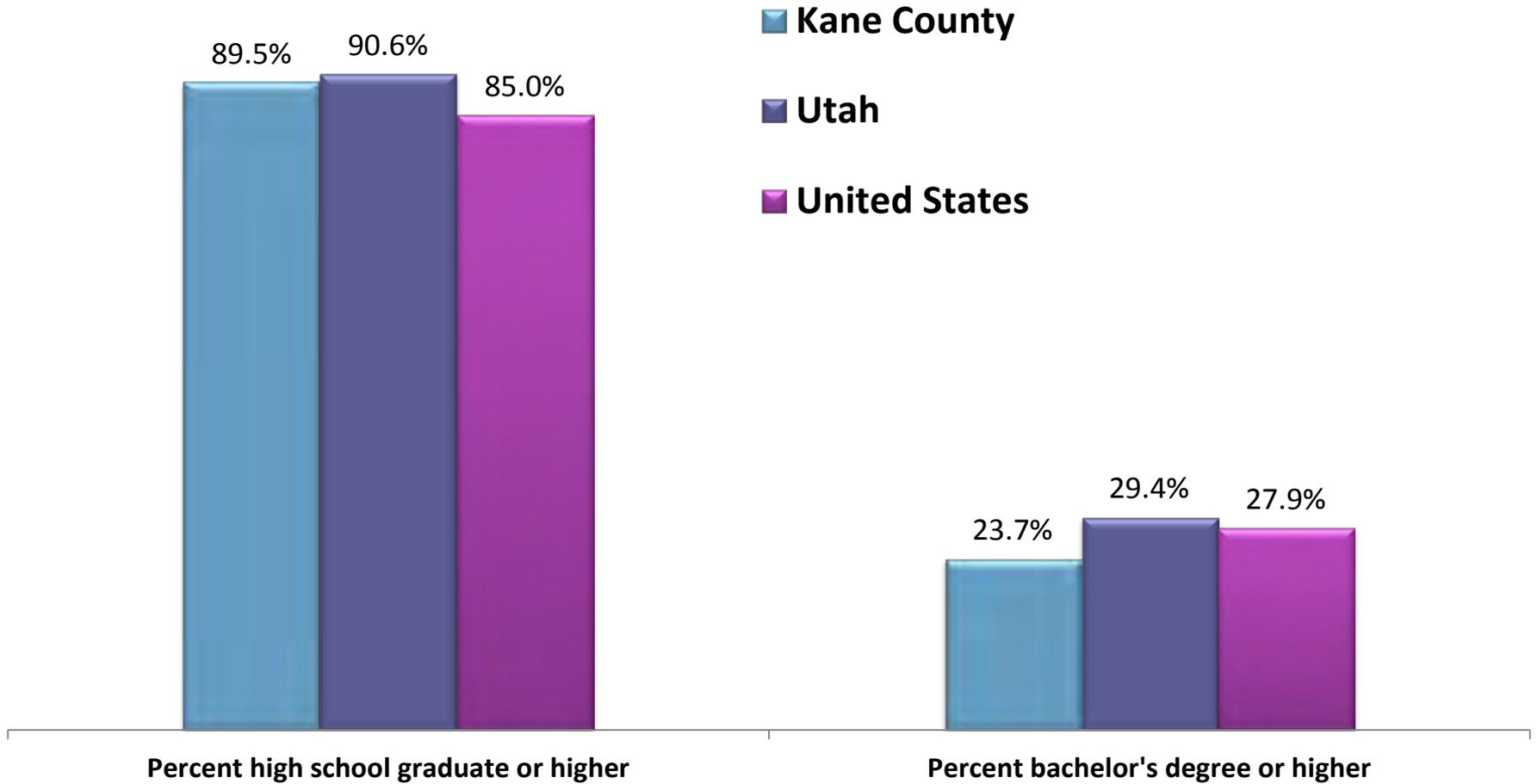
Funding for this vital program is in jeopardy.

2006-2010 Age Distribution



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

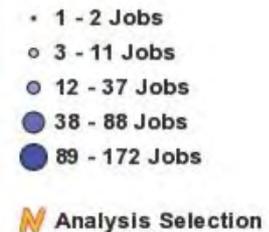
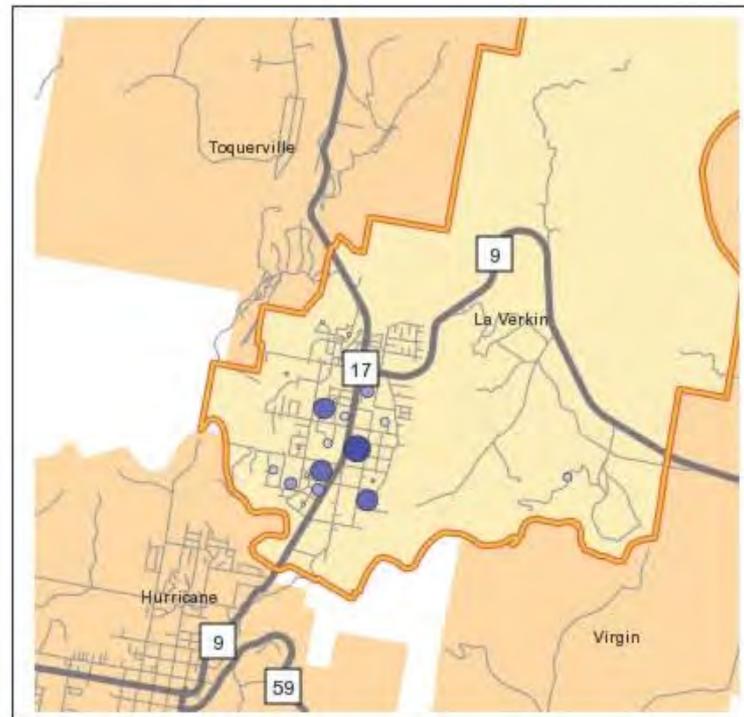
2006-2010 Educational Attainment



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

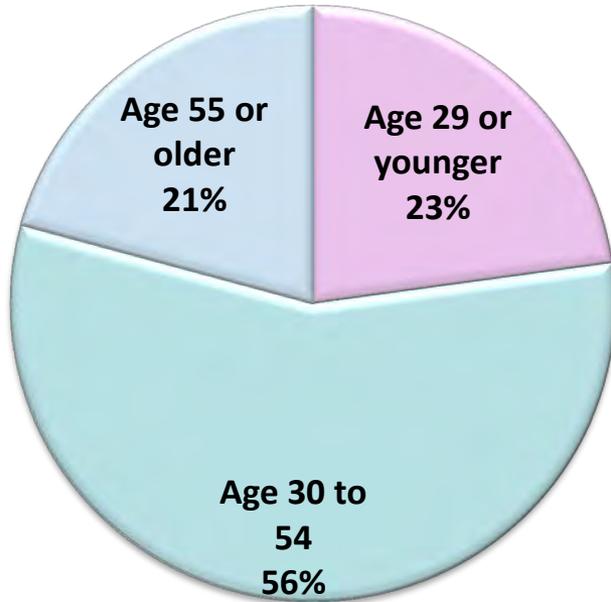
Local Employment Dynamics

- Geographic Flexibility
- Worker Profile
 - Age
 - Education
 - Gender
 - Race/Ethnicity
 - Wages
 - Industry
- Worker Flows
- Mapping

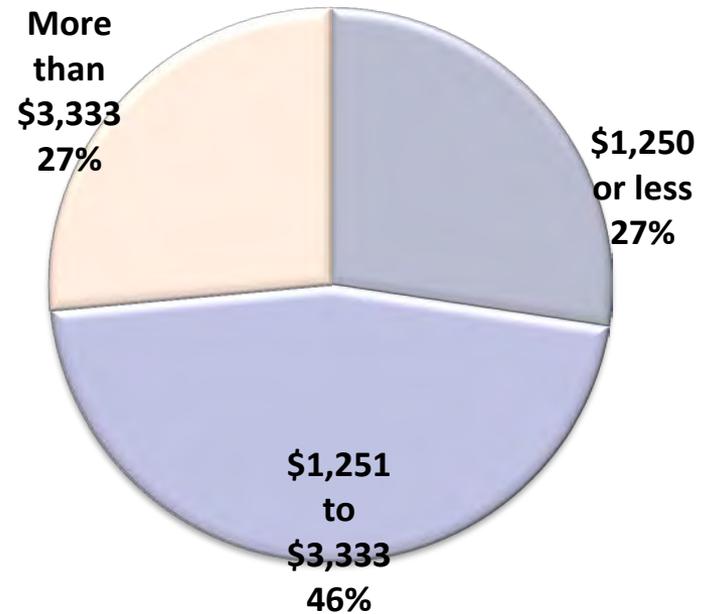


Workers Working in LaVerkin

Age



Earnings per Month



Distance/Direction Report - Home Census Block to Work Census Block

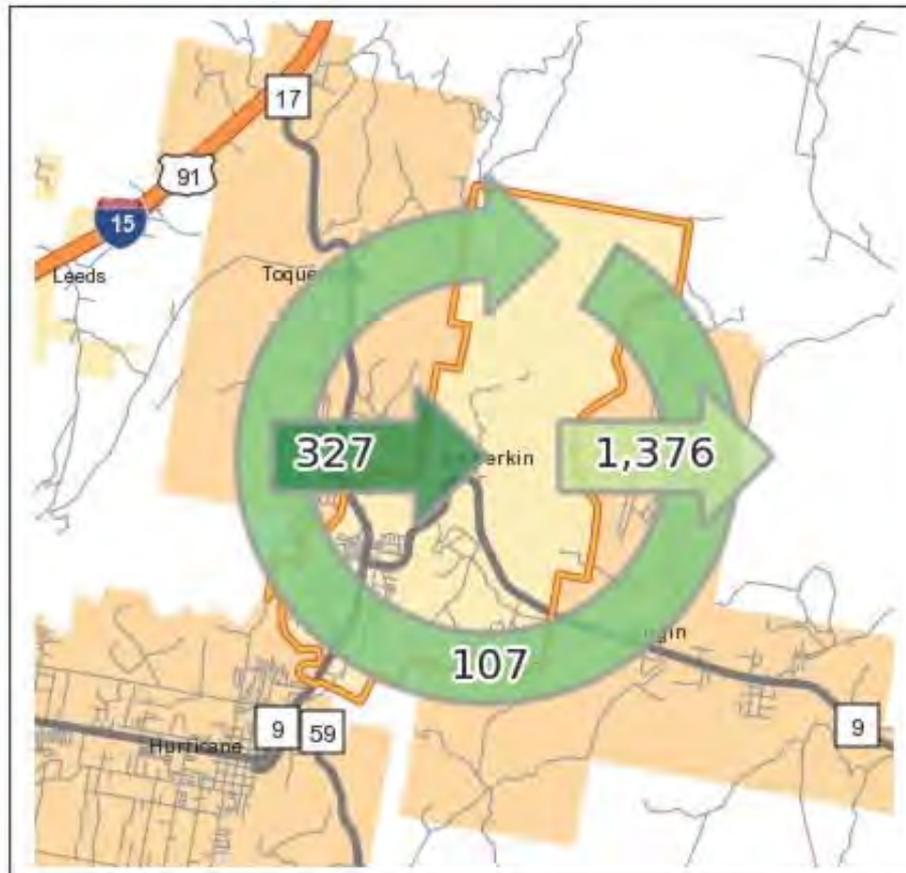


- 5 - 10 Jobs/Sq.Mile
- 11 - 26 Jobs/Sq.Mile
- 27 - 53 Jobs/Sq.Mile
- 54 - 91 Jobs/Sq.Mile
- 92 - 140 Jobs/Sq.Mile

- 1 - 3 Jobs
- 4 - 9 Jobs
- 10 - 19 Jobs
- 20 - 33 Jobs
- 34 - 51 Jobs

N Analysis Selection

Inflow/Outflow Report



N Analysis Selection

Note: Overlay arrows do not indicate directionality of worker flow between home and employment locations.

- ➔ Employed and Live in Selection Area
- ➔ Employed in Selection Area, Live Outside
- ➔ Live in Selection Area, Employed Outside

data



prove



economy



improving;

should



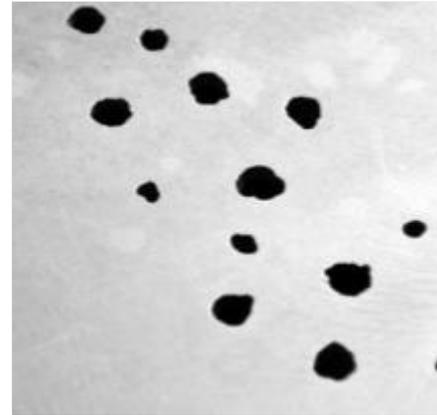
continue.



**Lecia Parks
Langston**



(435) 688-3115



lecialangston@utah.gov

jobs.utah.gov

Click on "Labor Market Information"

economyutah.blogspot.com

