

2017 Economic Forecast

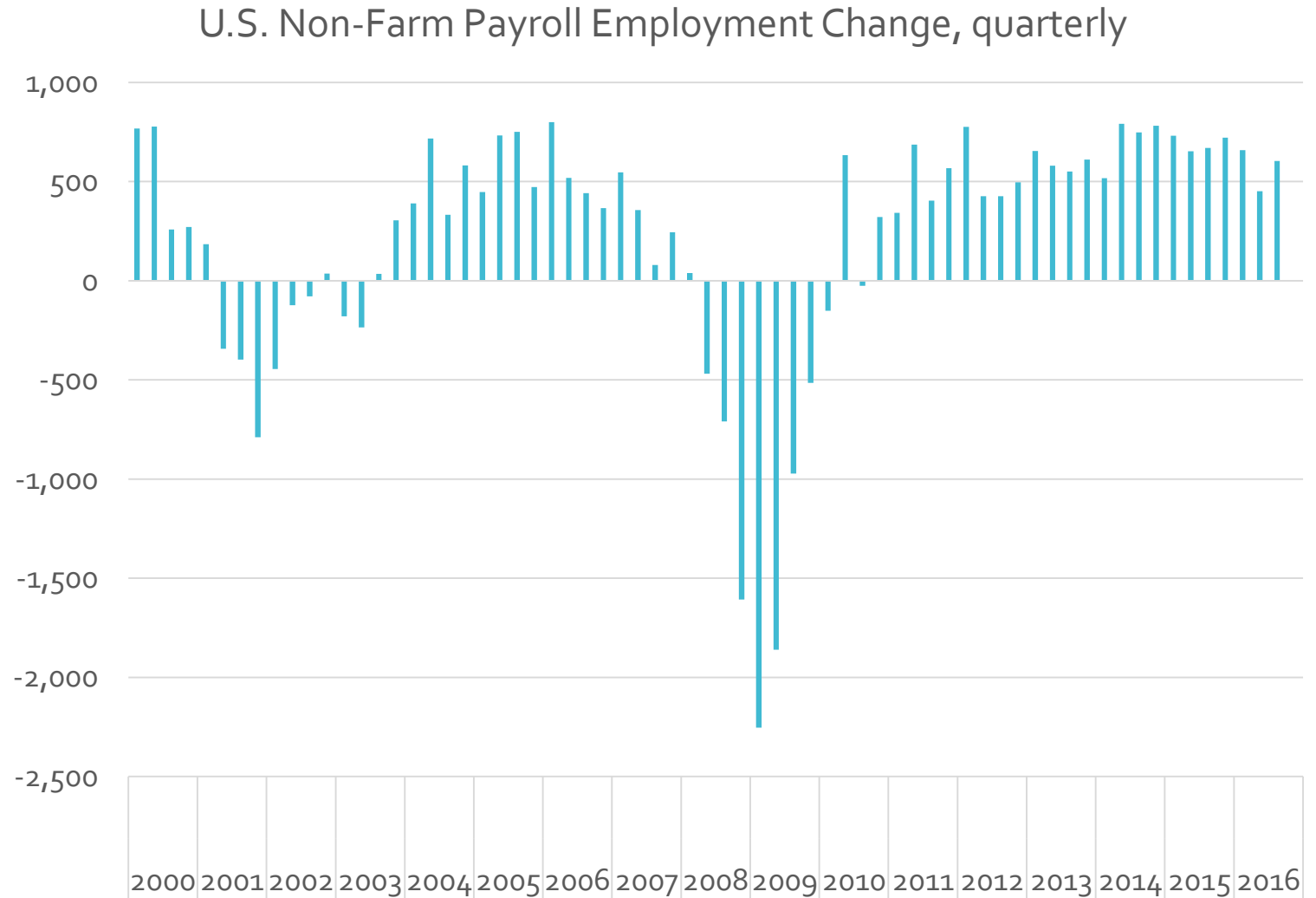
Greater Kansas City Chamber of Commerce

October 28, 2016



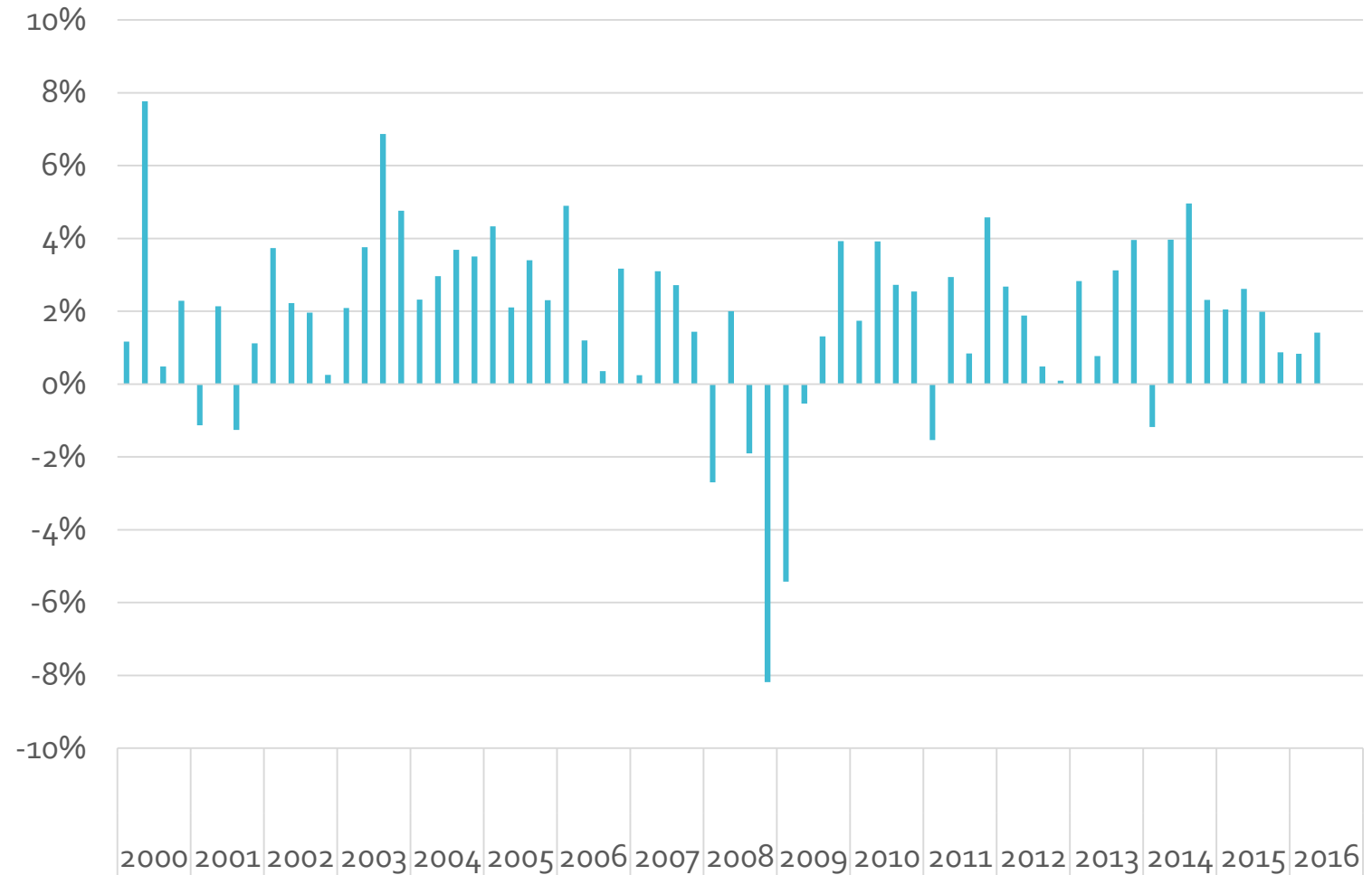
Status of the U.S. economy

The current recovery is stronger than the last one in terms of job growth, averaging 150K per month since it began, and 200K since 2011.



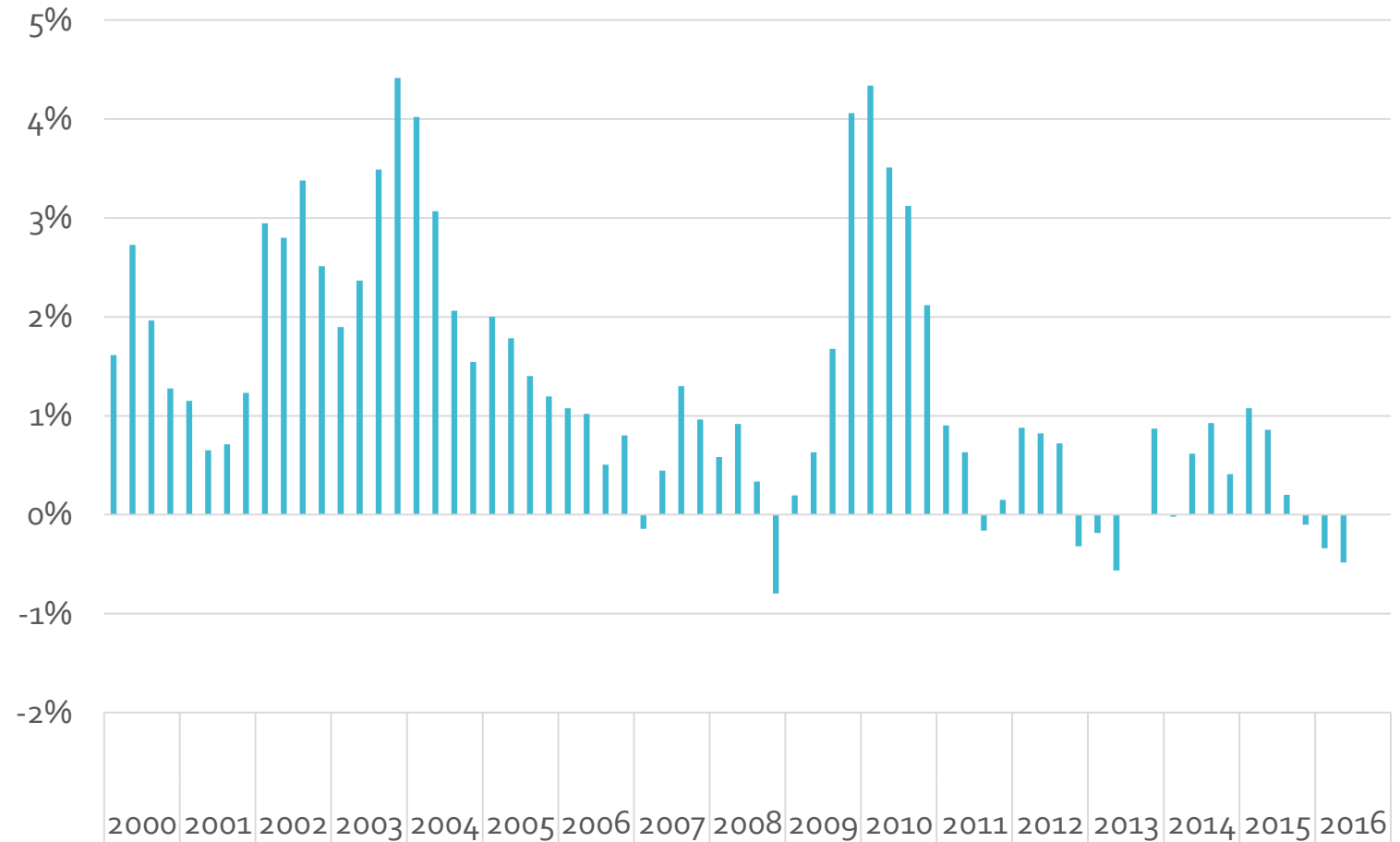
However, the current recovery is weaker than the prior one in terms of GDP growth, averaging 2.1% annually vs. 2.8% before, and only 1.2% over the last year.

U.S. GDP Percent Change, quarterly



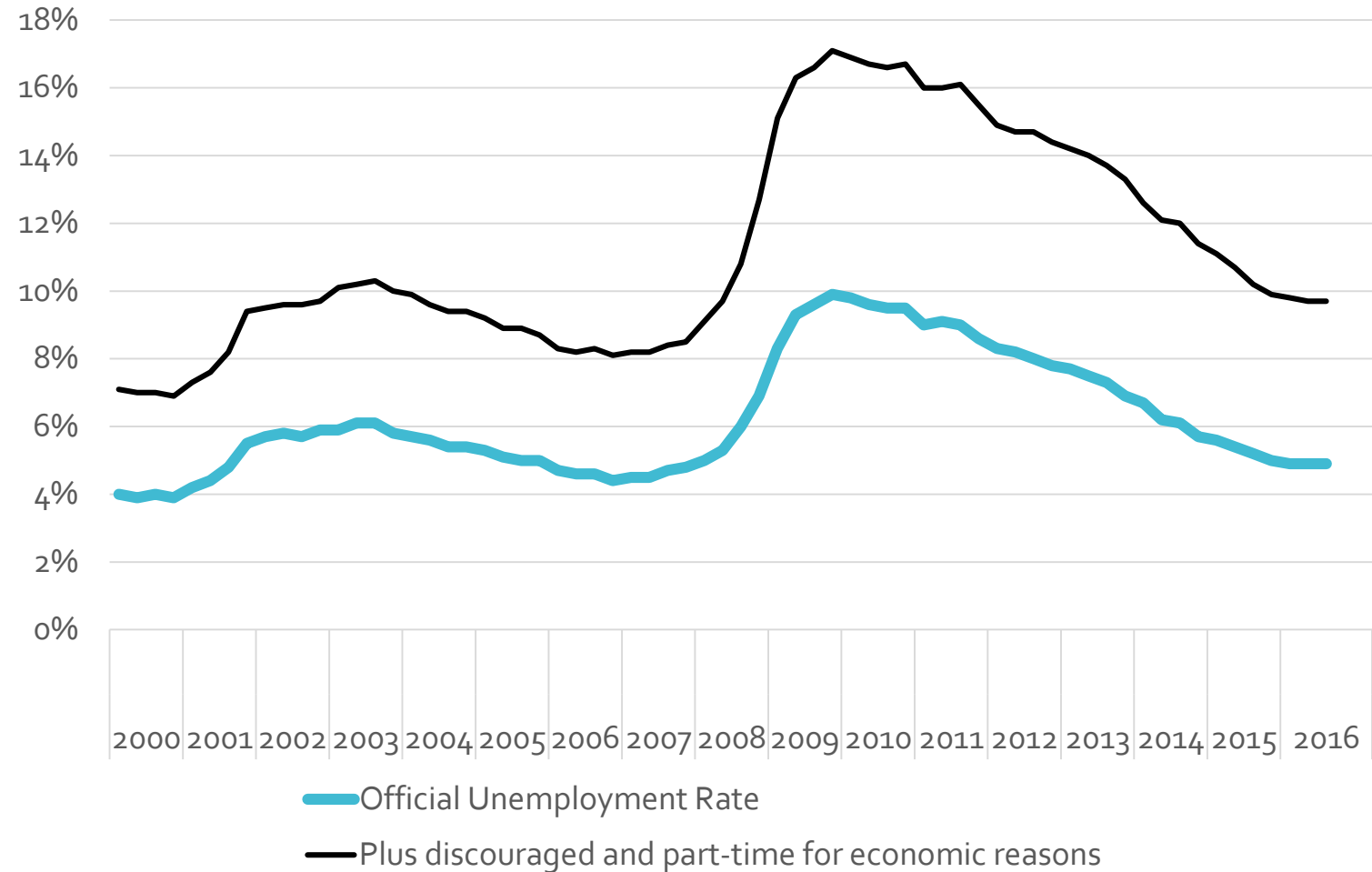
As a result, productivity growth is much weaker. GDP/employee is growing only $\frac{3}{4}$ % vs. 2%, and has recently turned negative.

U.S. GDP/Employee
Percent Change from Same Quarter One Year Ago

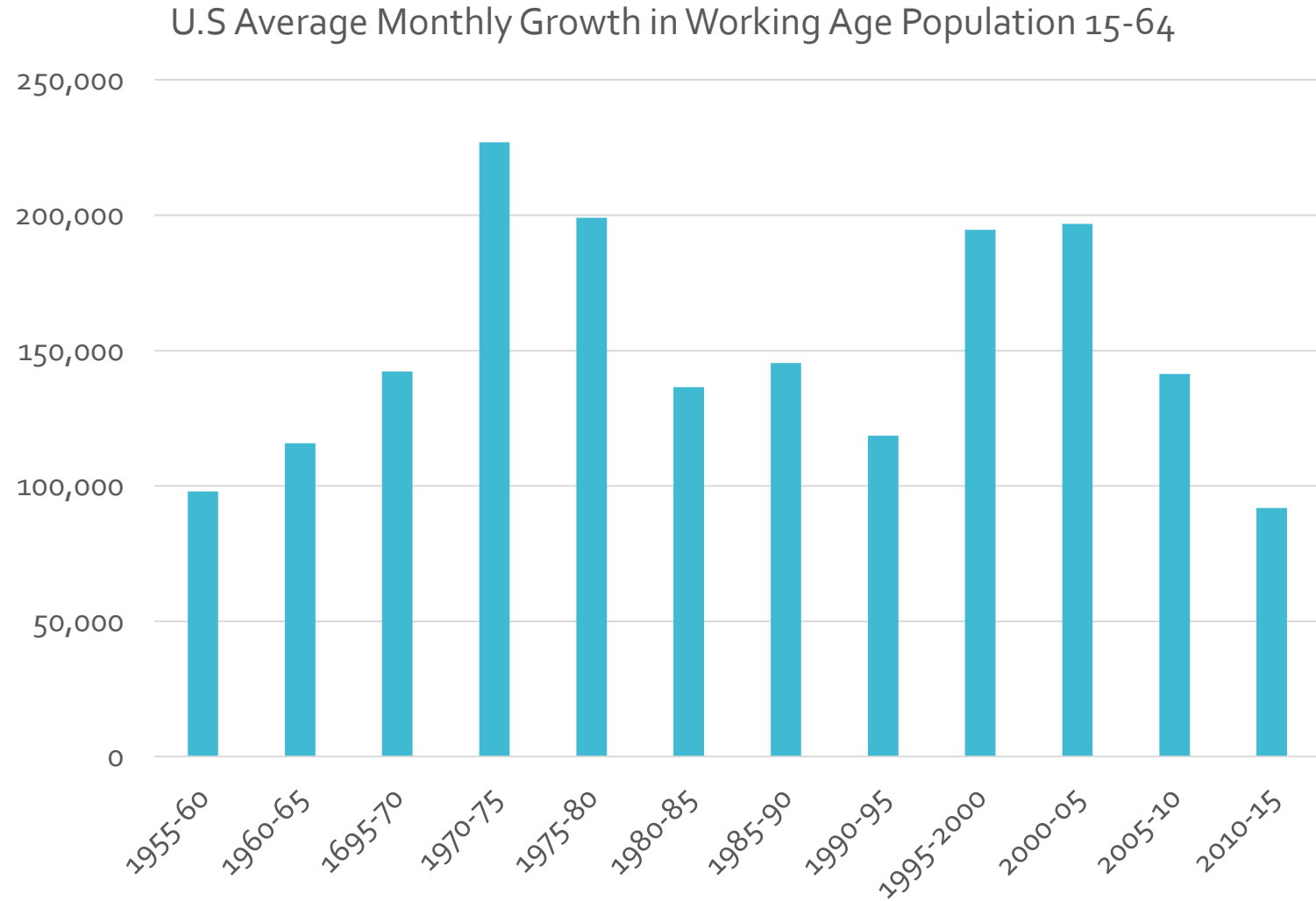


The unemployment rate, at 5%, is half its recession high, though still not as low as in the mid-2000s. The pace of decline is slowing even though up to 2.6 million people want more or better work.

U.S. Unemployment Rates, quarterly

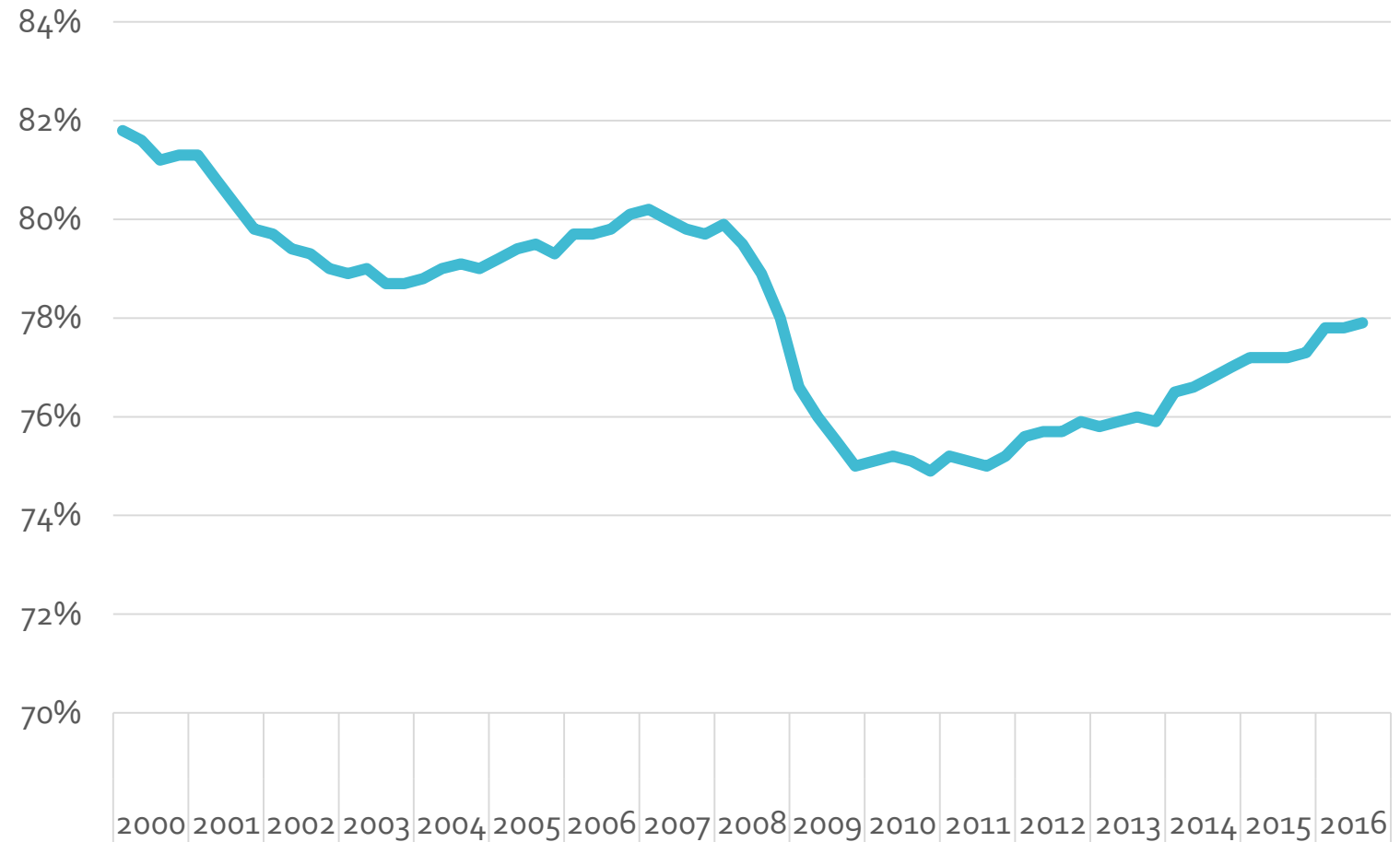


The labor supply is growing slowly, 100K per month, or half the current rate of job growth. This is good for unemployment.



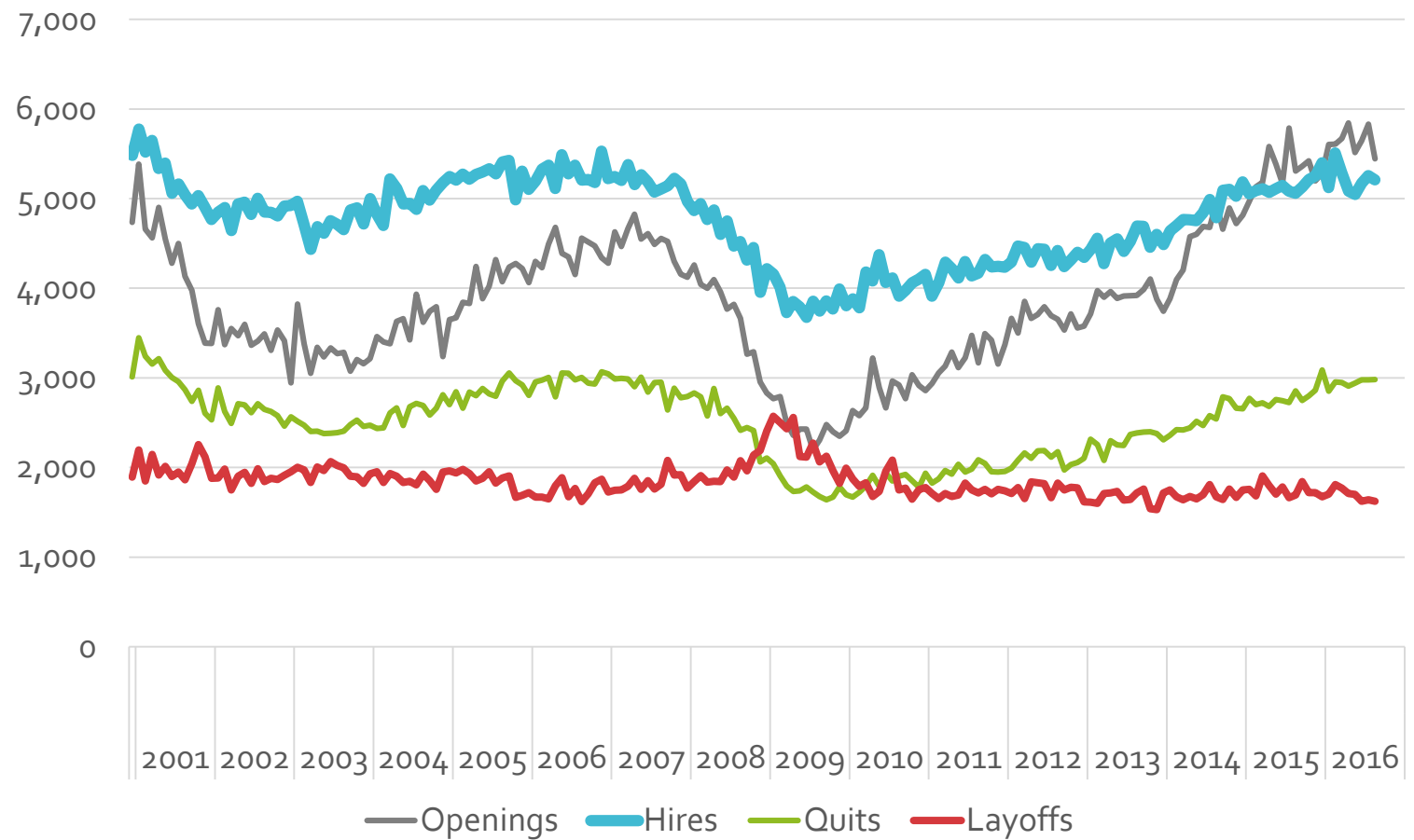
Labor force participation is rising, though still below the pre-recession trough, not to mention its peak.

US. Prime-Age Employment to Population Ratio, 25-54 years, quarterly



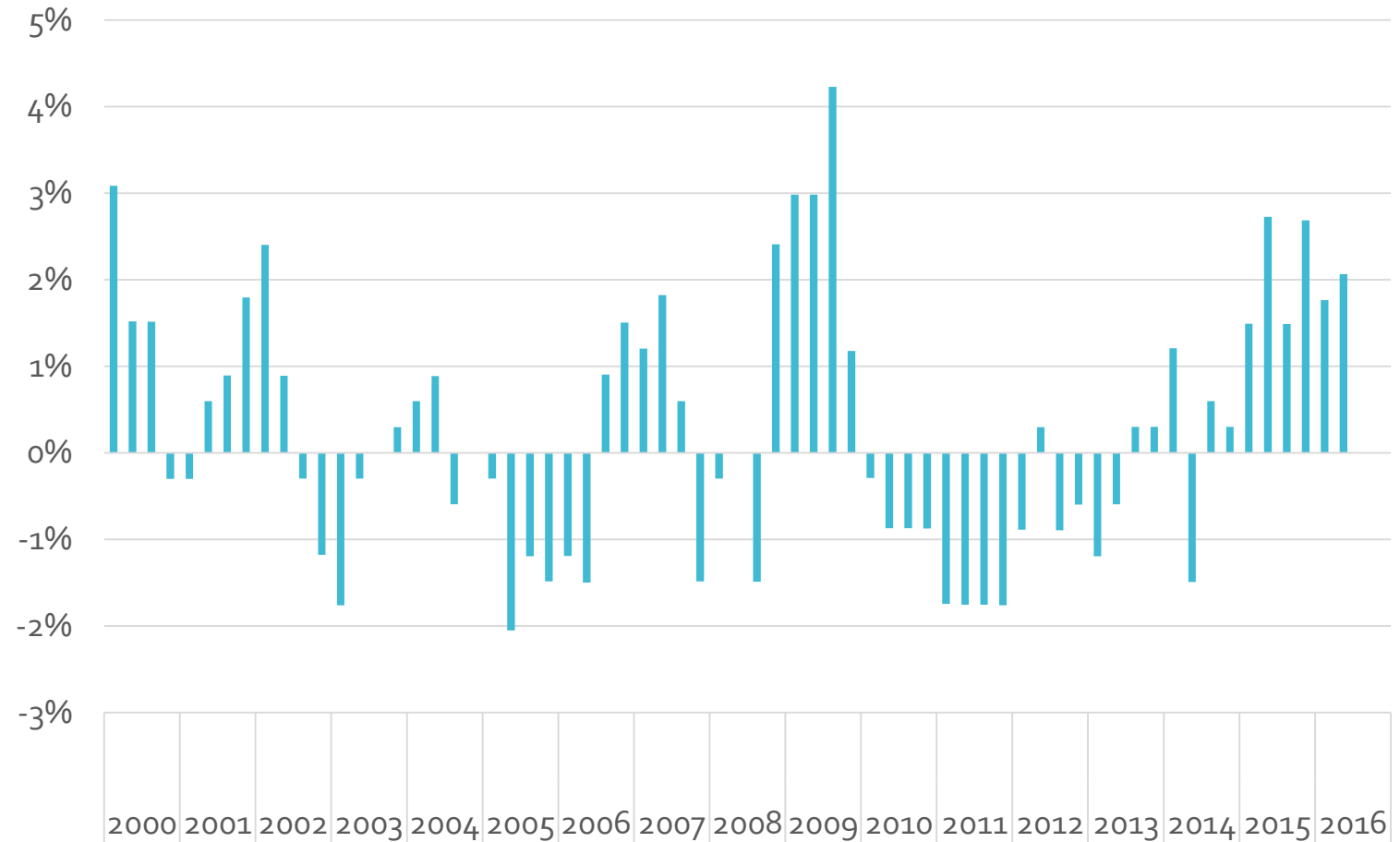
There is some evidence of labor shortages beginning to arise. Hires are not keeping up with openings, indicating difficulty in meeting demand.

U.S. Job Churn
Openings, Hires, Quits and Layoffs, quarterly

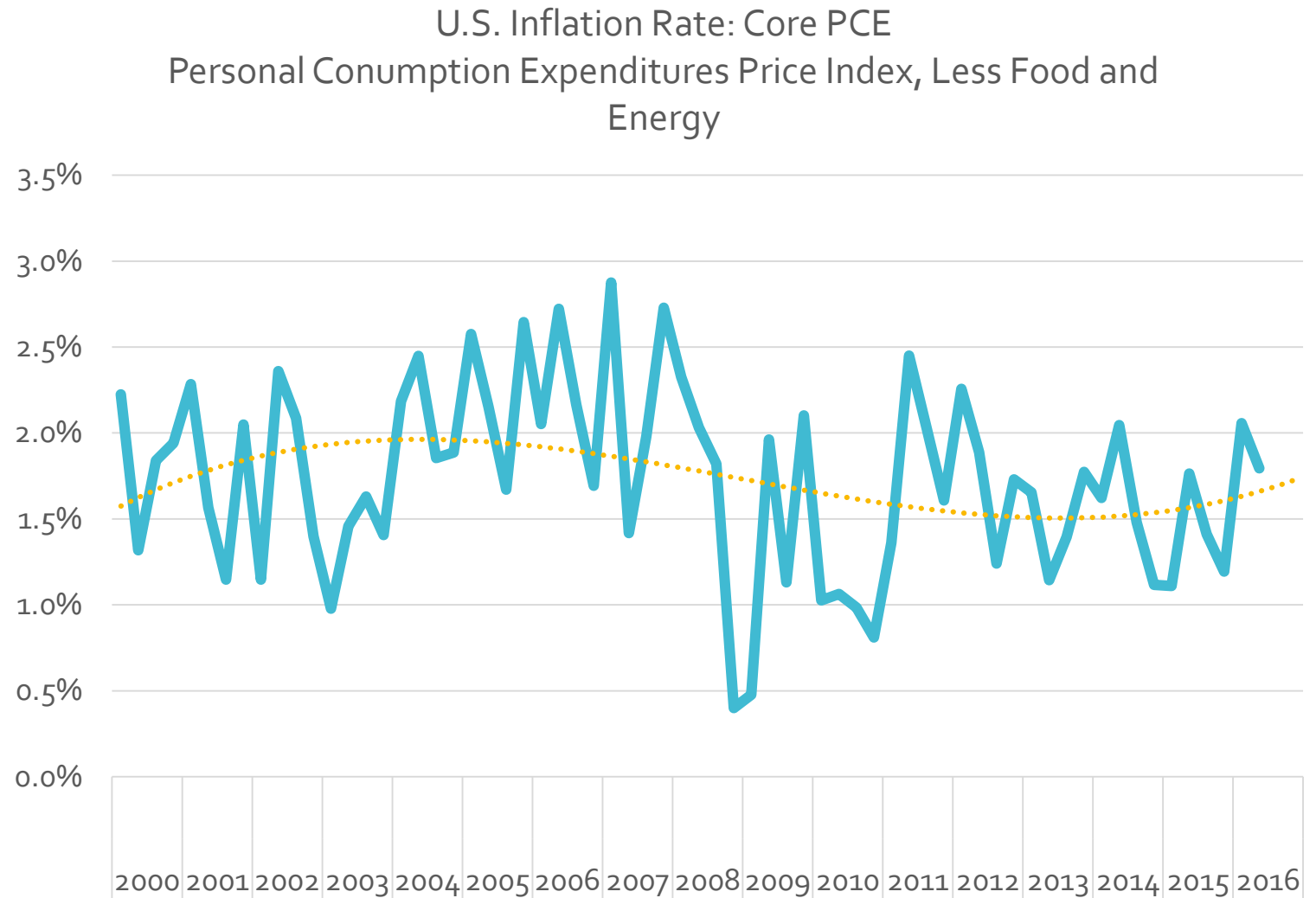


Demand
outstripping
supply is helping
real wages to
increase.
Household
income is also
rising at all levels
of income.

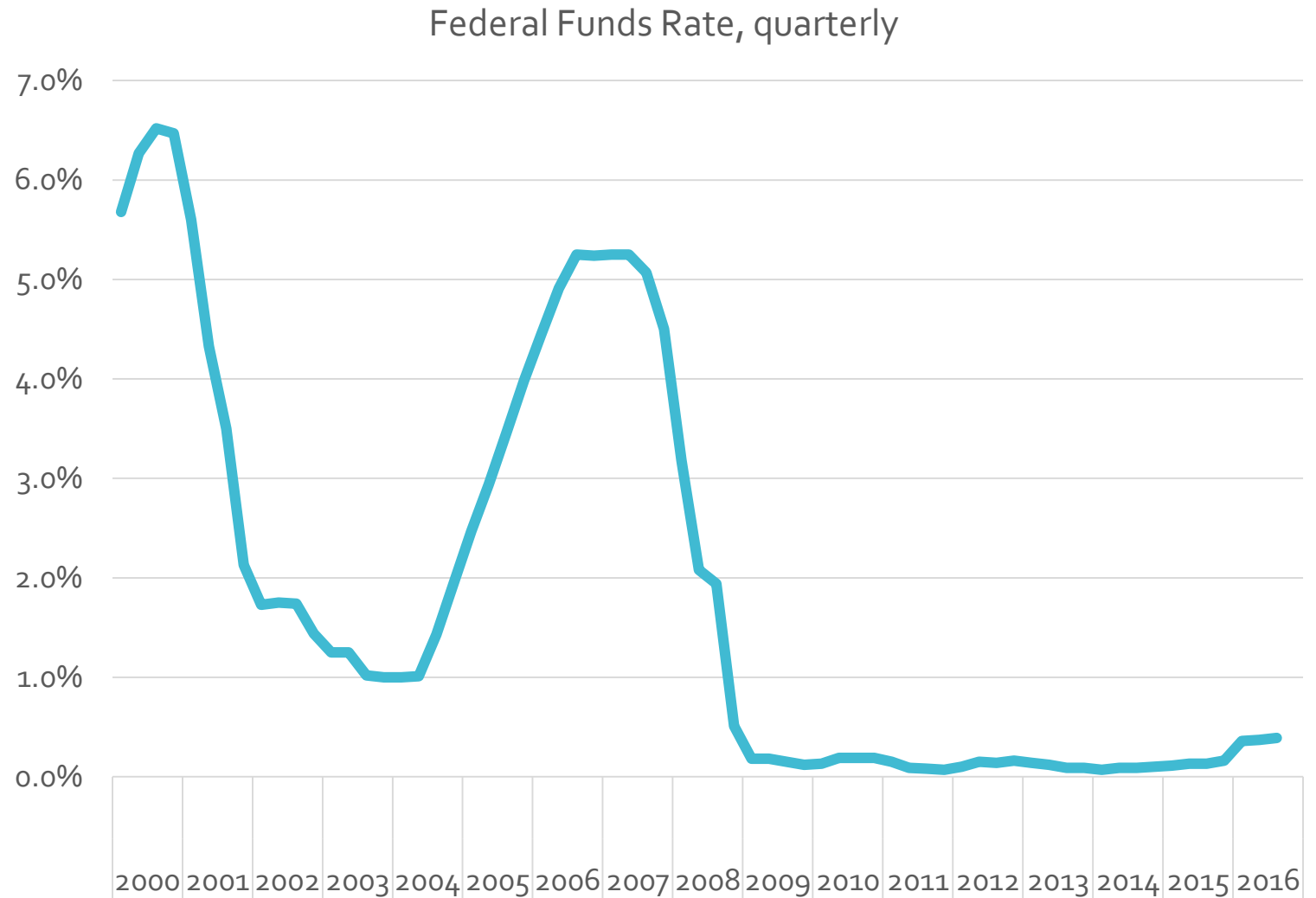
U.S. Real Median Earnings Growth, Full-Time Workers,
Percent change from 1 year ago, quarterly



Inflation remains well-contained, running at or below the FOMC's 2% target.



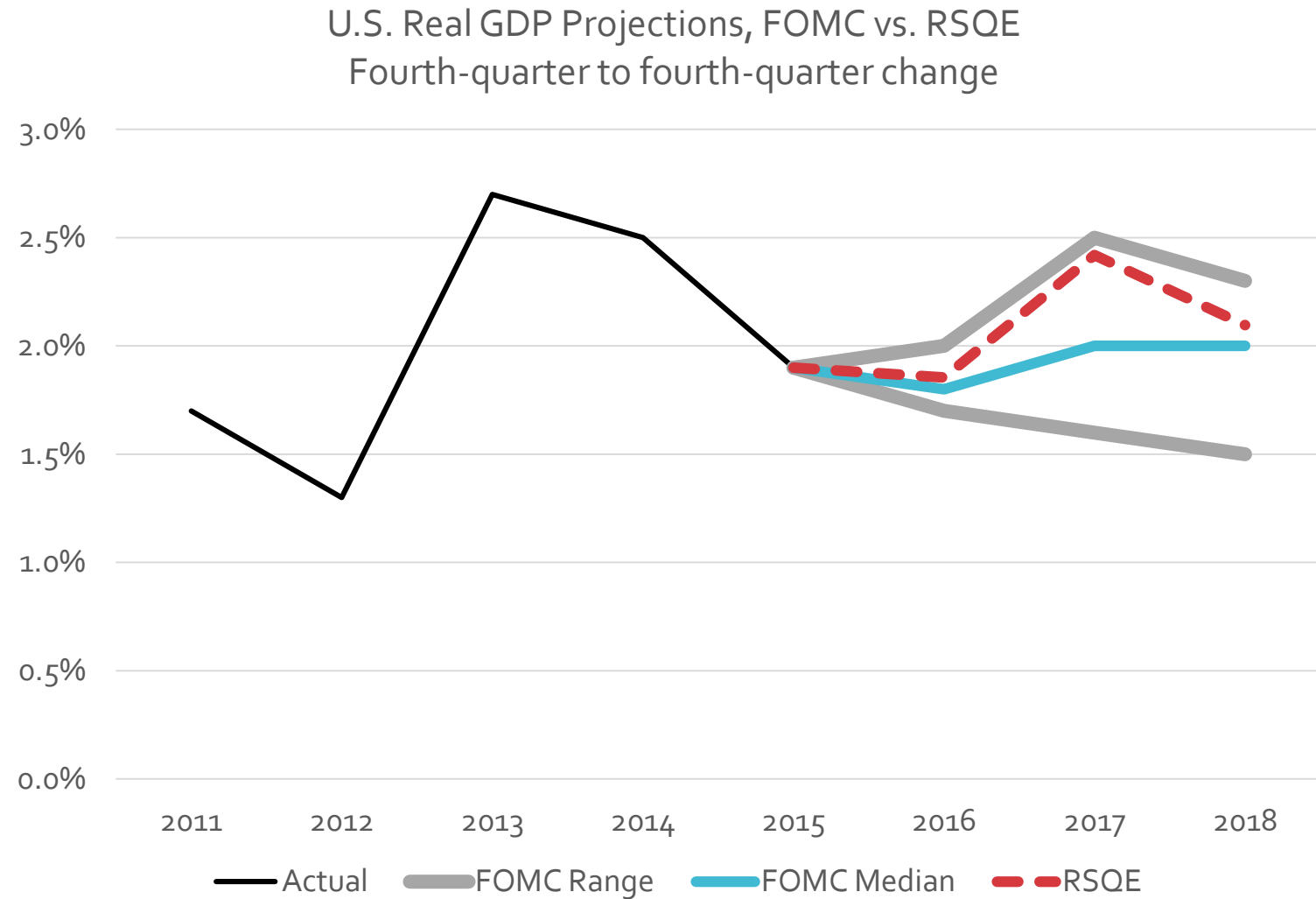
The Federal Funds rate still remains highly accommodative. Sluggish GDP growth has prevented the FOMC moving it up from near historic lows.





U.S. economic forecast

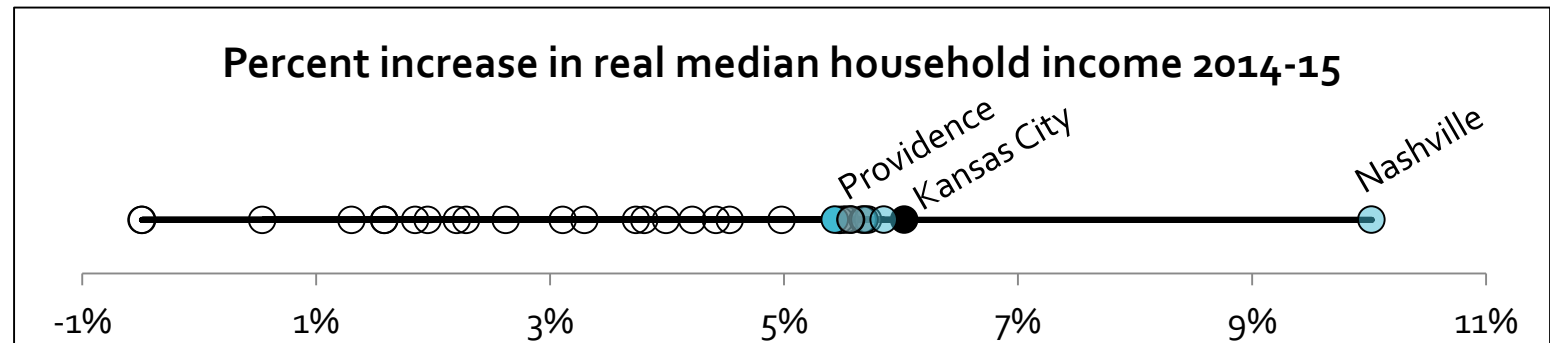
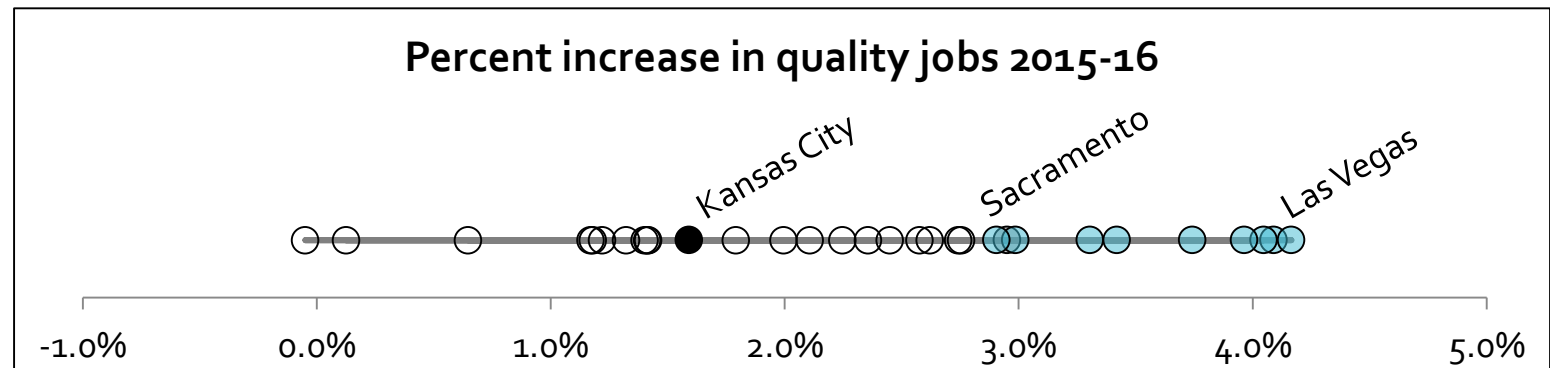
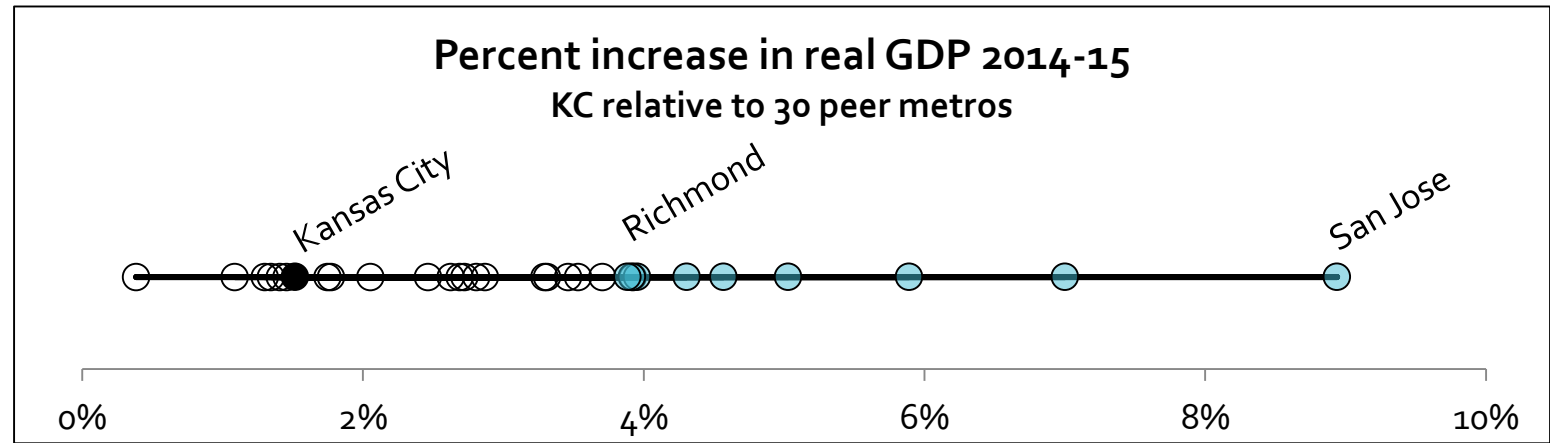
The median FOMC forecast for GDP is for 1.8% growth in 2016, and 2% growth in 2017 and 2018. RSQE is more optimistic.





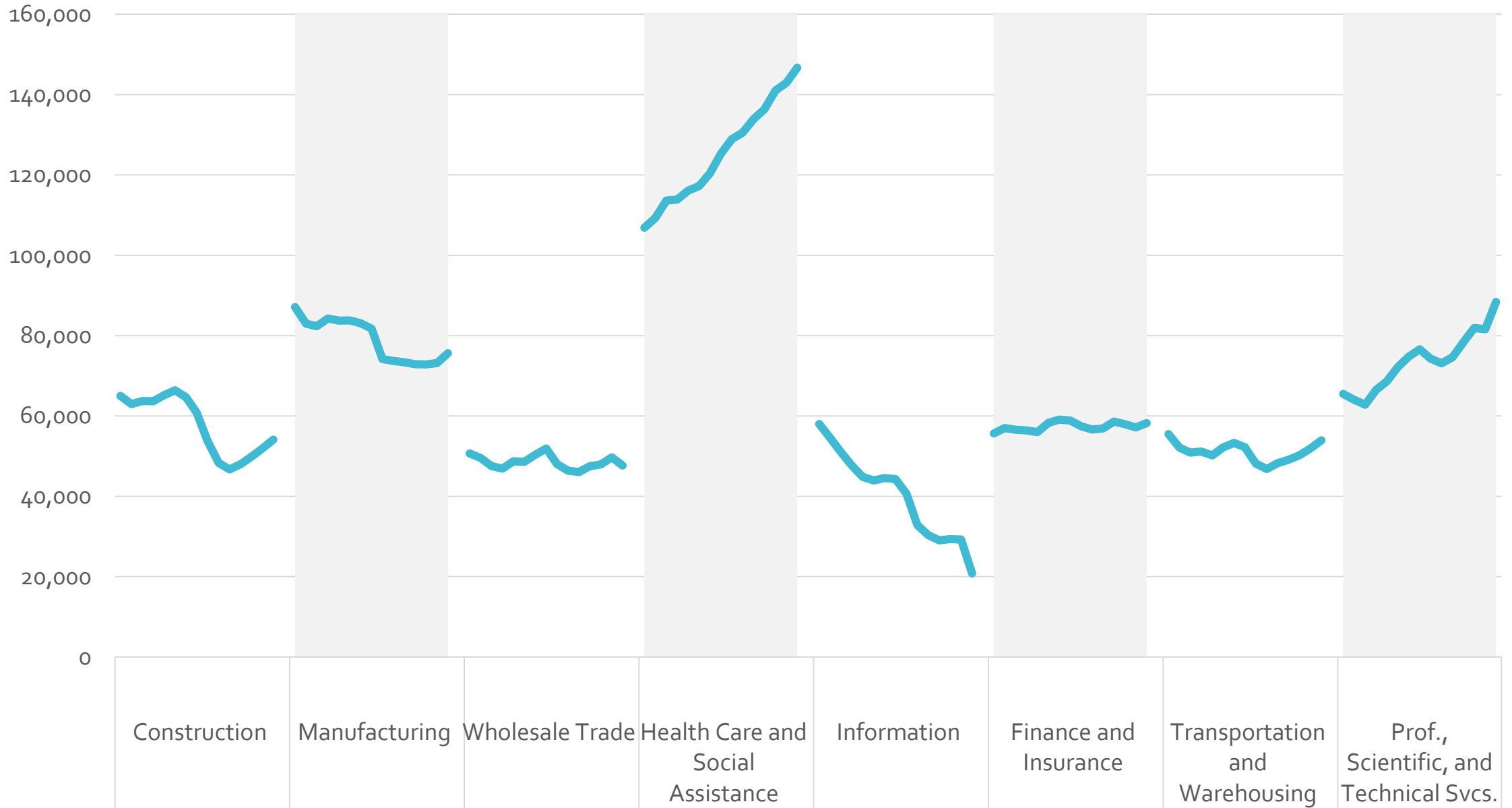
Status of the KC economy

KC has struggled to rebound from the Great Recession. It is lagging its peers in GDP and job growth, but is #2 in median household income growth.

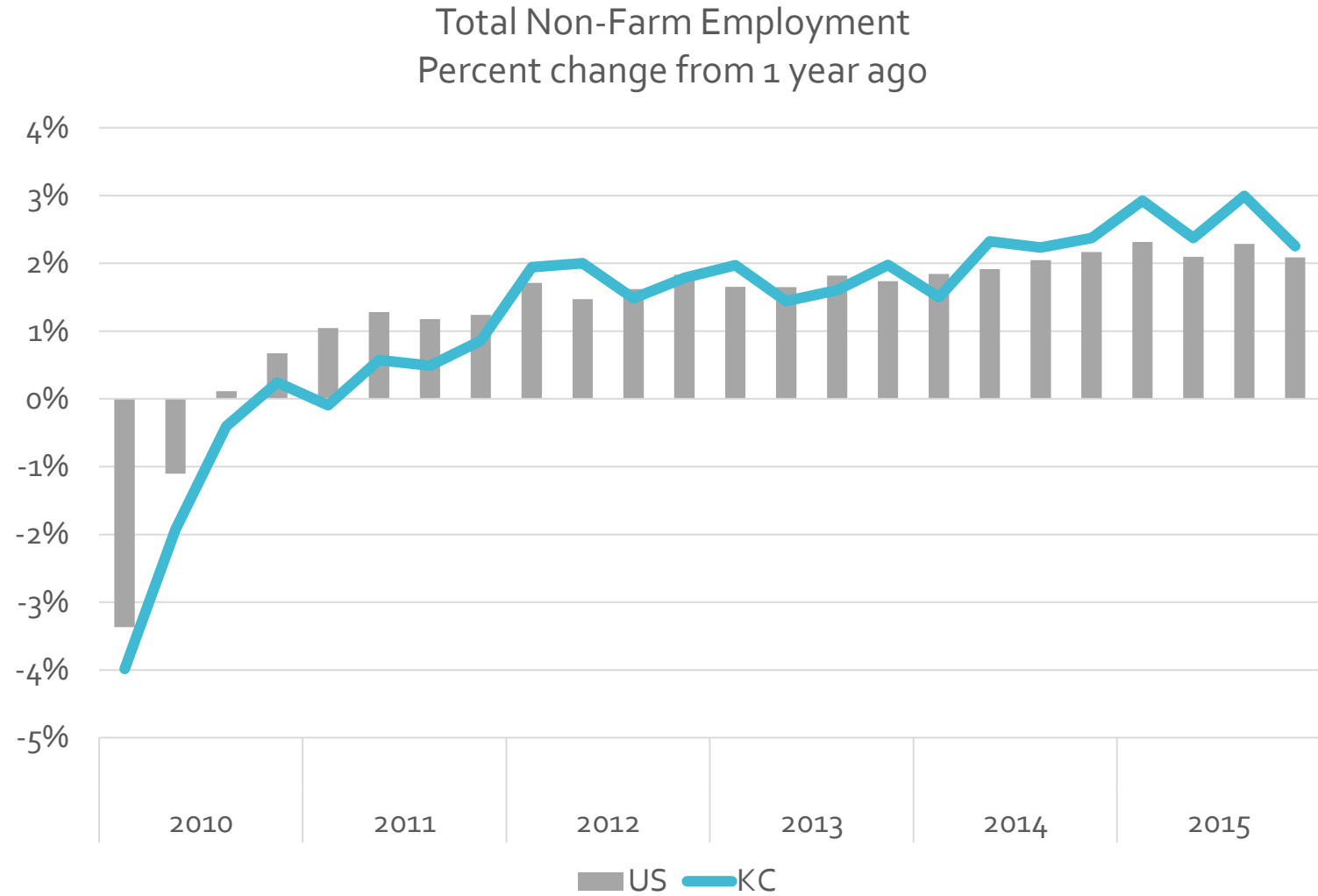


KC Employment by Industry

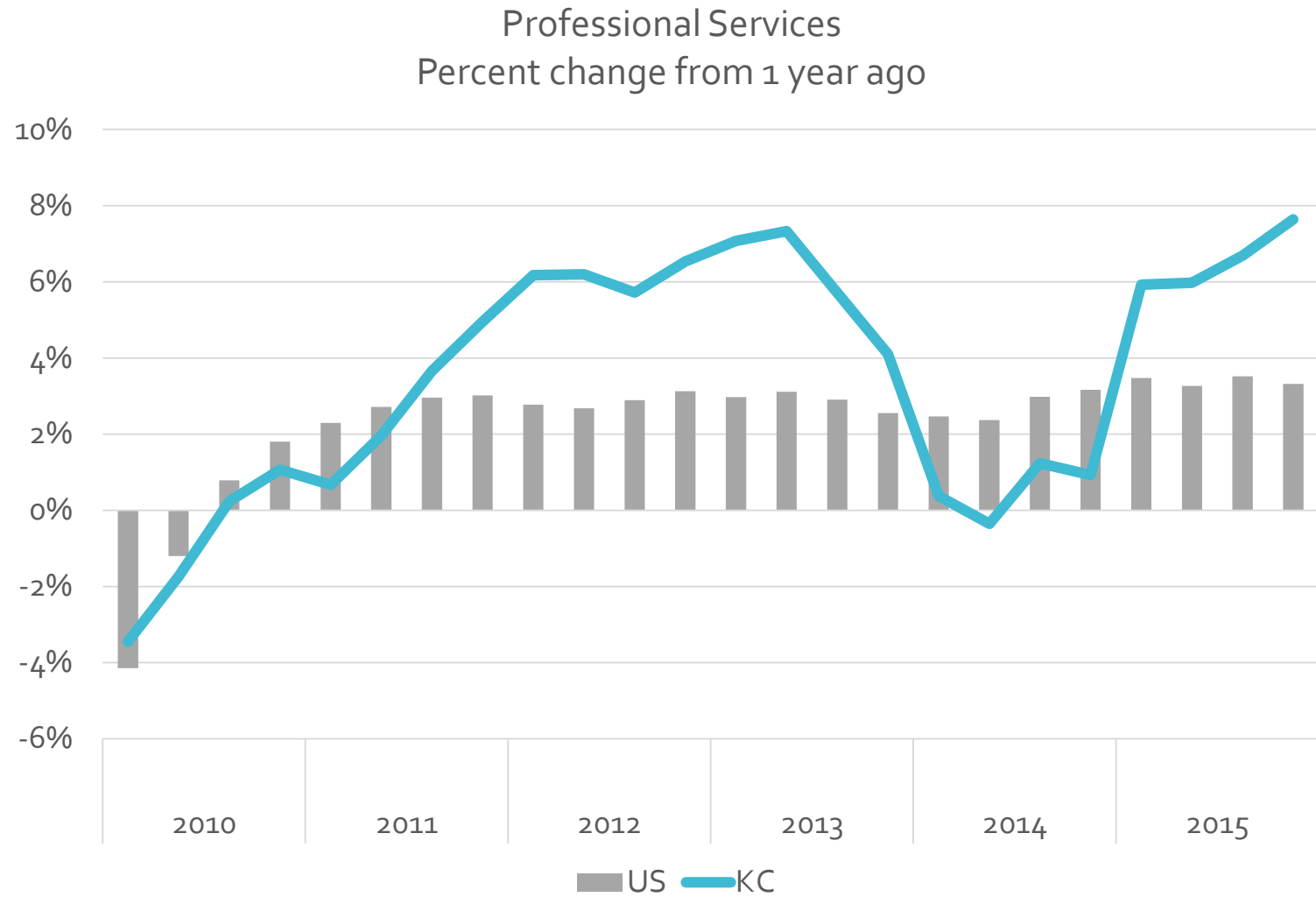
2001-2015



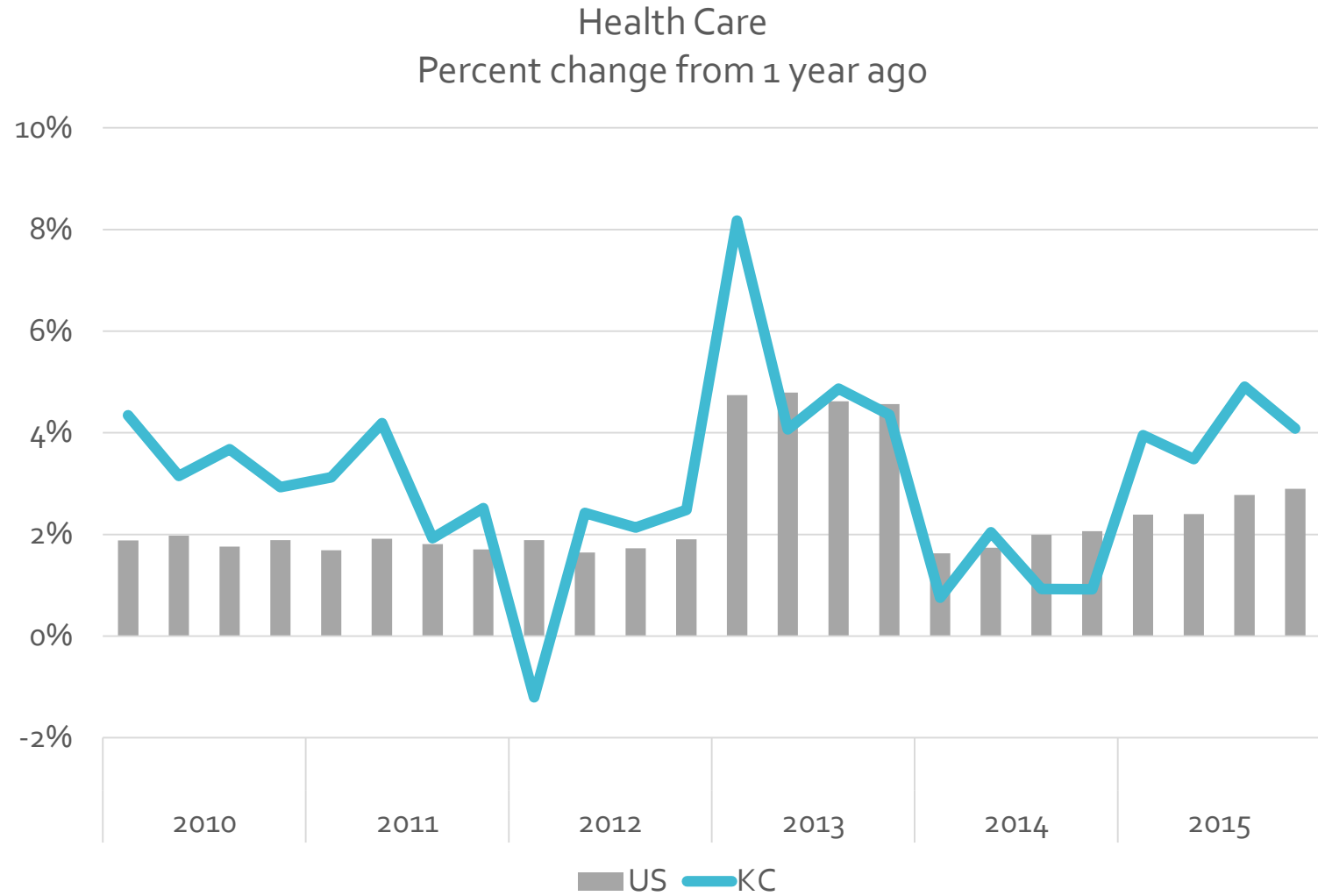
Since mid-2014, KC total employment has been growing slightly faster than the U.S. average.



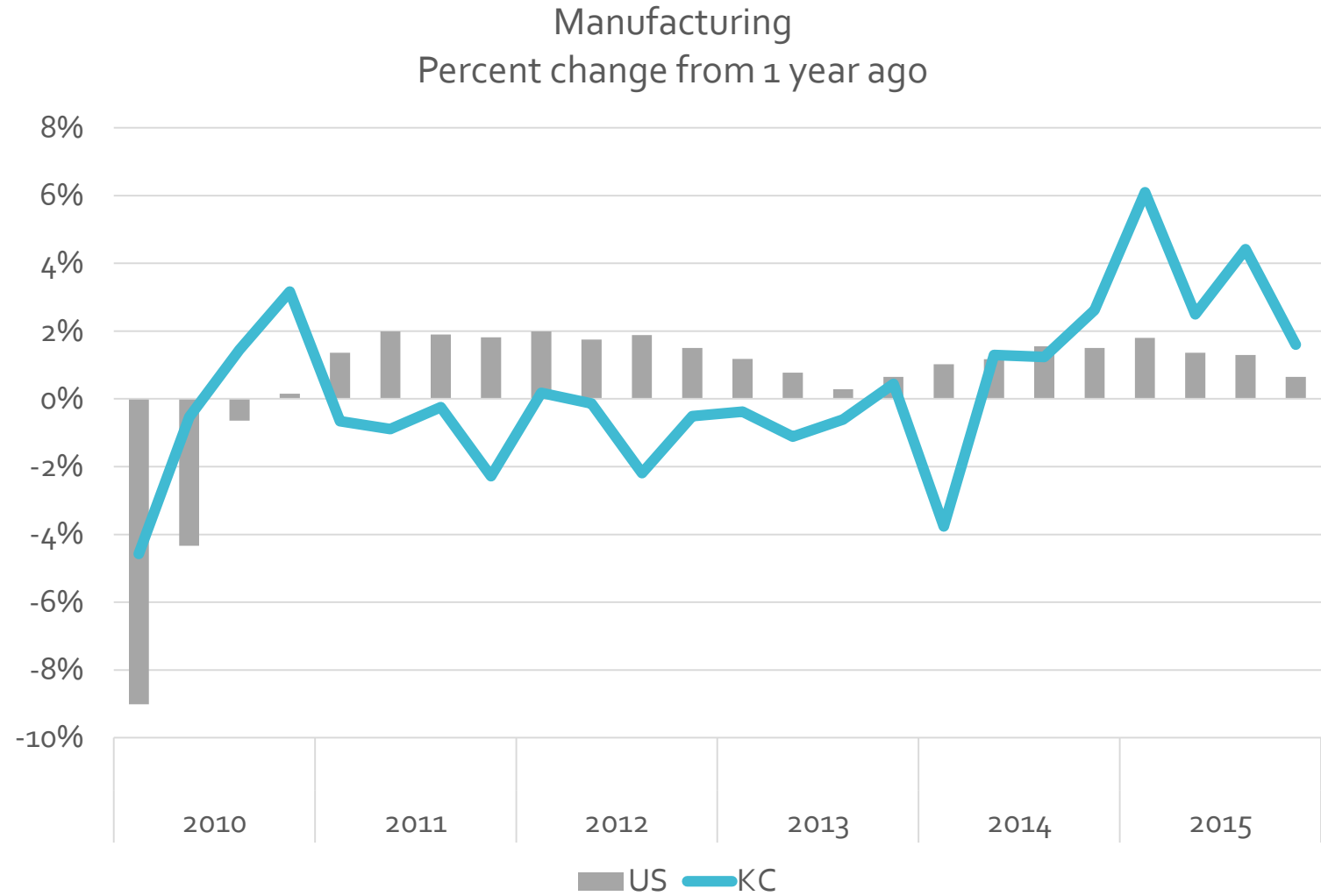
Professional, scientific and technical services has generally grown faster than the U.S. and is currently growing twice as fast



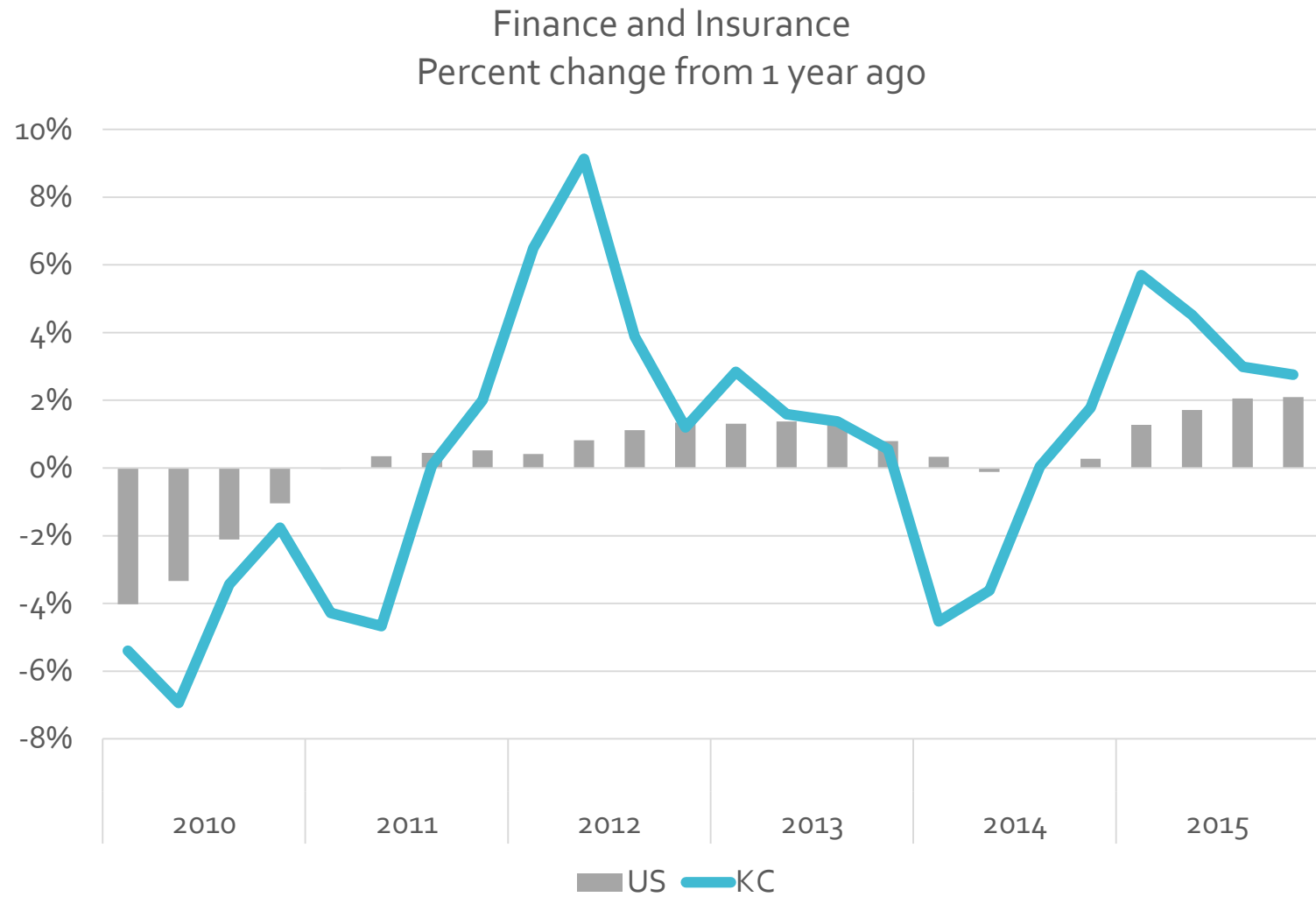
Health care has also grown faster than the U.S., currently by more than a full percentage point.



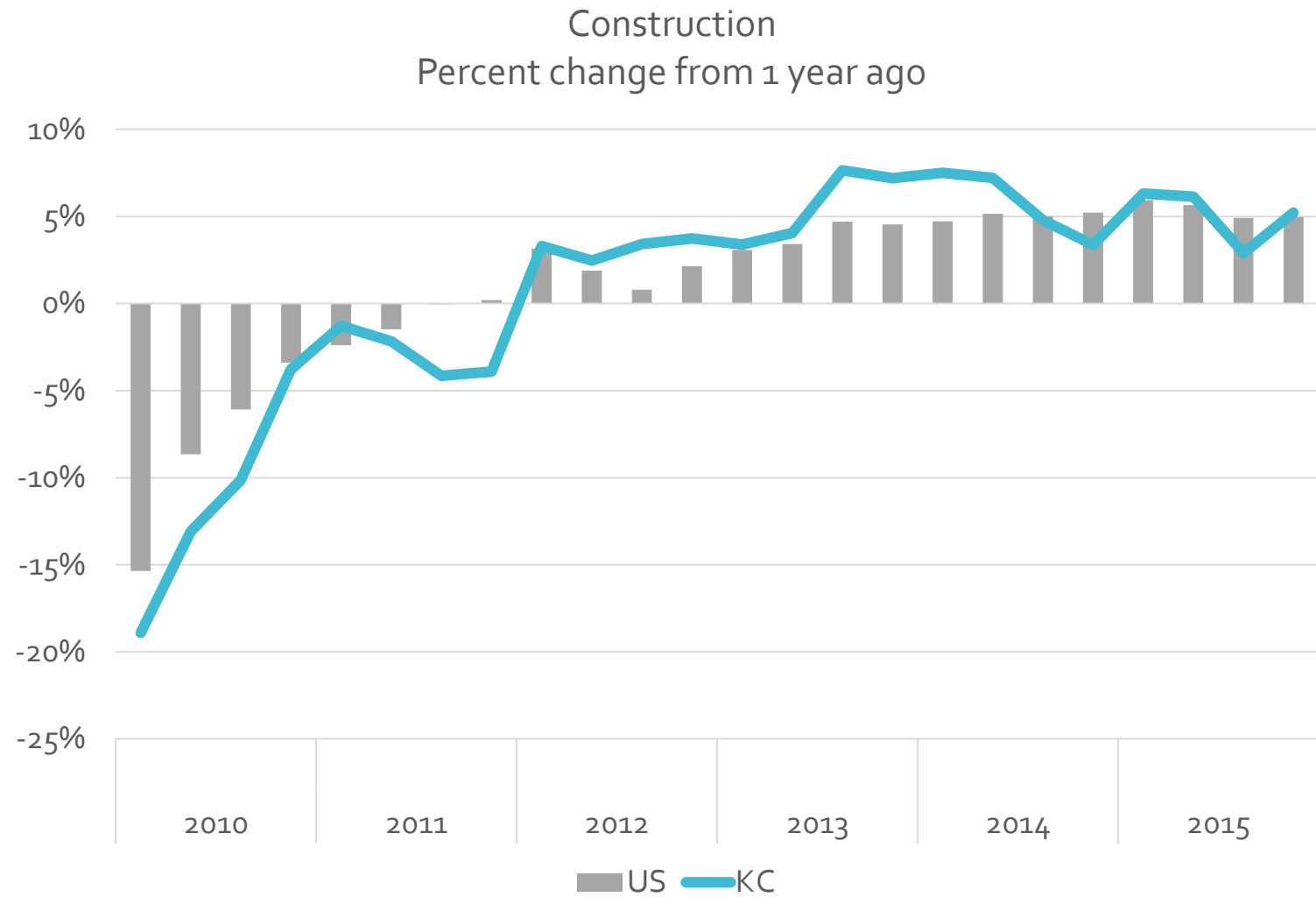
Local manufacturing struggled a bit coming out of the recession, but has recently been growing at more than twice the national average.



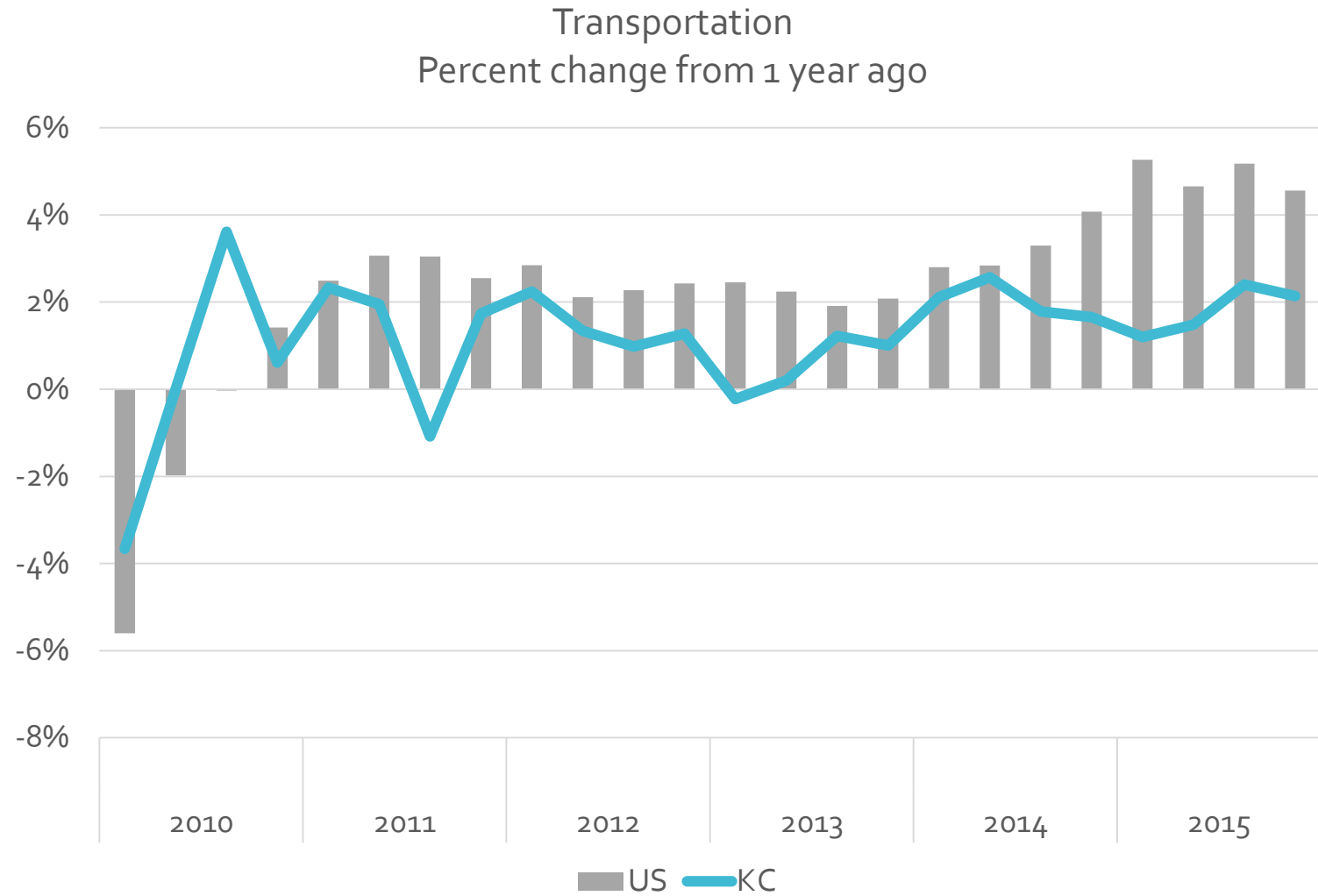
Growth in finance and insurance has been very volatile relative to the nation. Currently it is growing about $\frac{3}{4}$ percentage point faster locally than nationally.



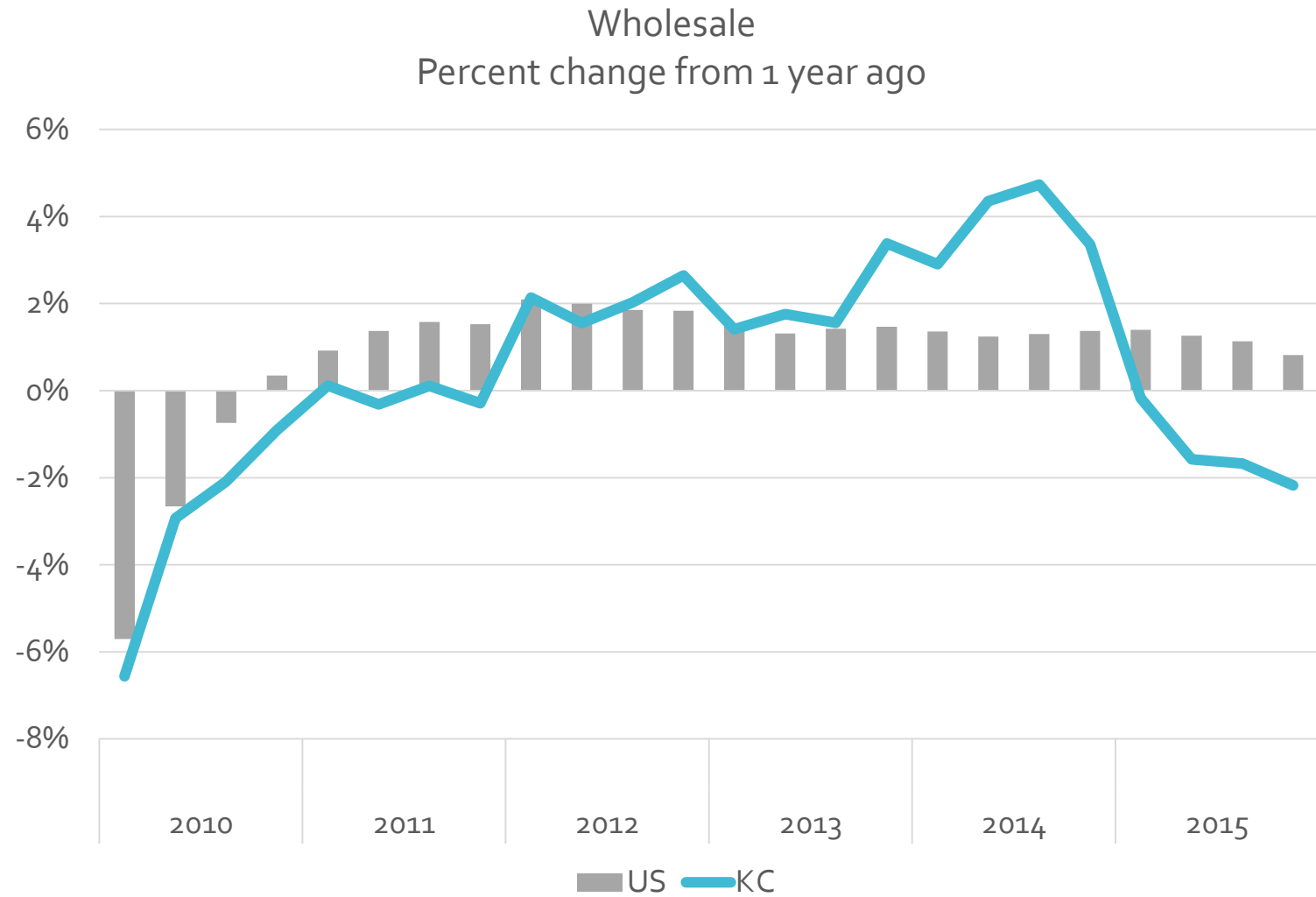
Growth in construction has generally kept pace with the national average.



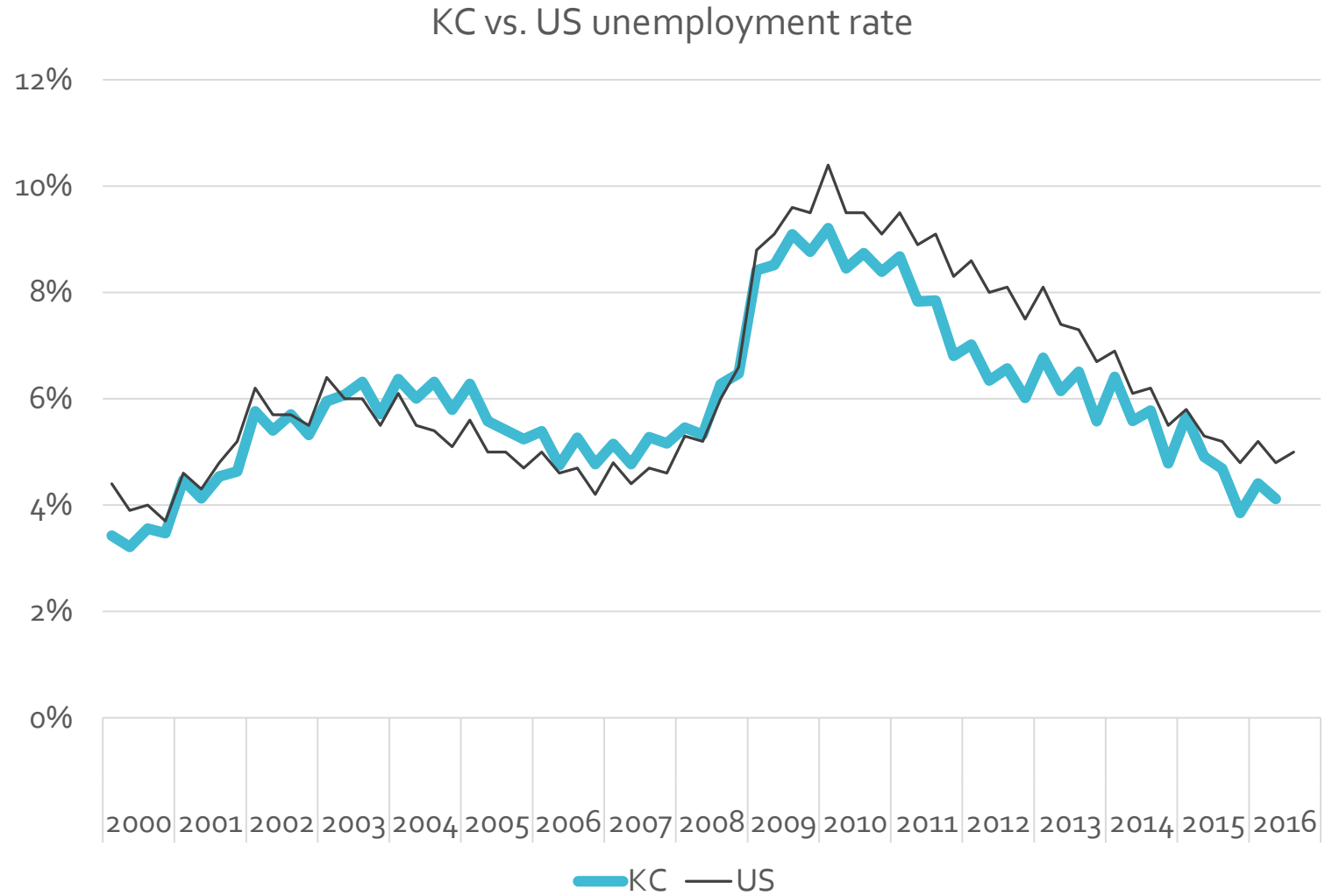
Transportation has grown slower than the nation throughout most of the recovery, and is currently growing about half as fast.



While wholesale trade has grown faster than the nation in the past, it is currently declining locally while growing nationally.

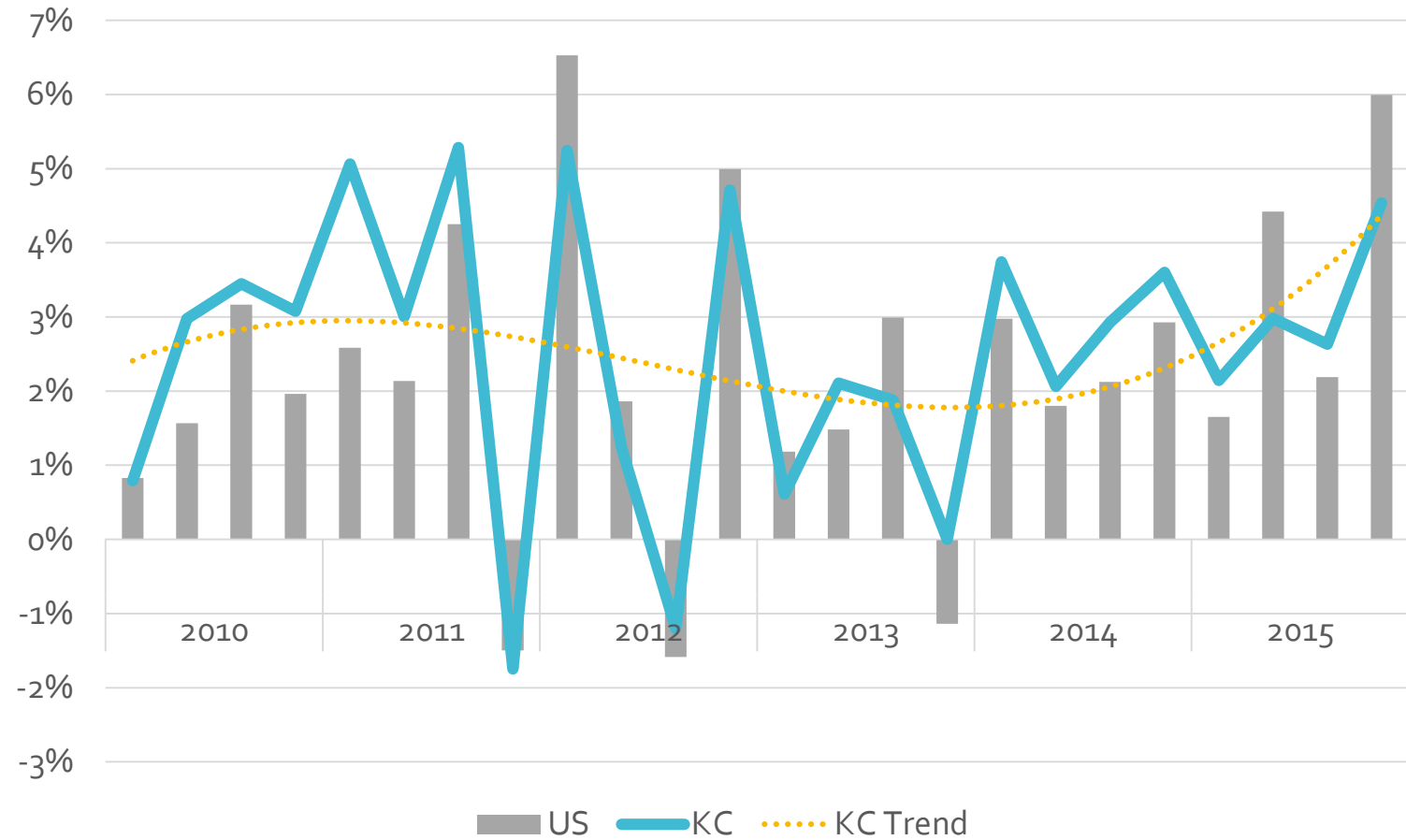


Slightly faster employment growth locally has resulted in the region's unemployment rate being about 1/2 percentage point below the nation's.



Both KC and the U.S. are seeing acceleration in wage increases over the past year.

KC vs. U.S. Average Weekly Wage
Percent change from 1 year ago

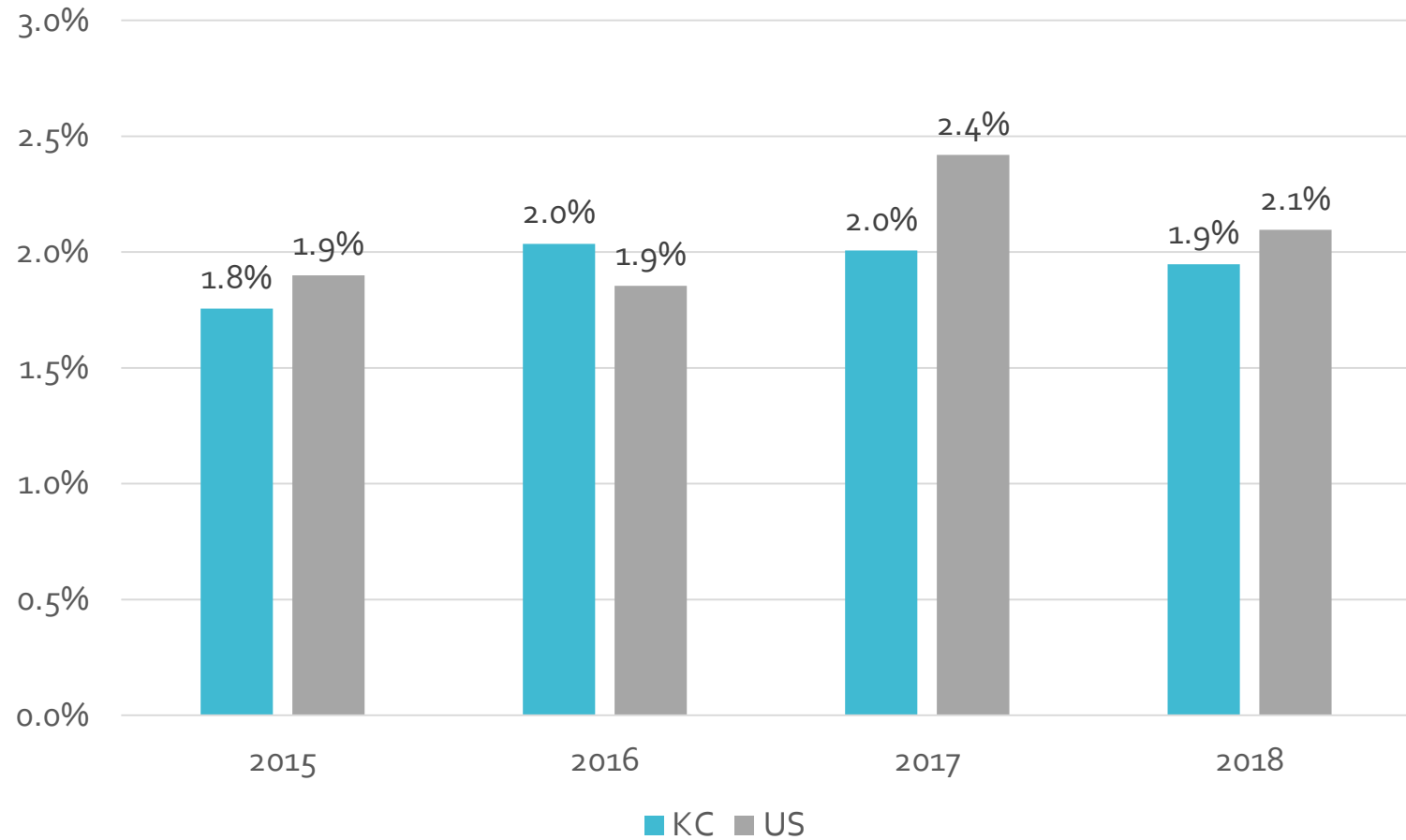




KC economic forecast

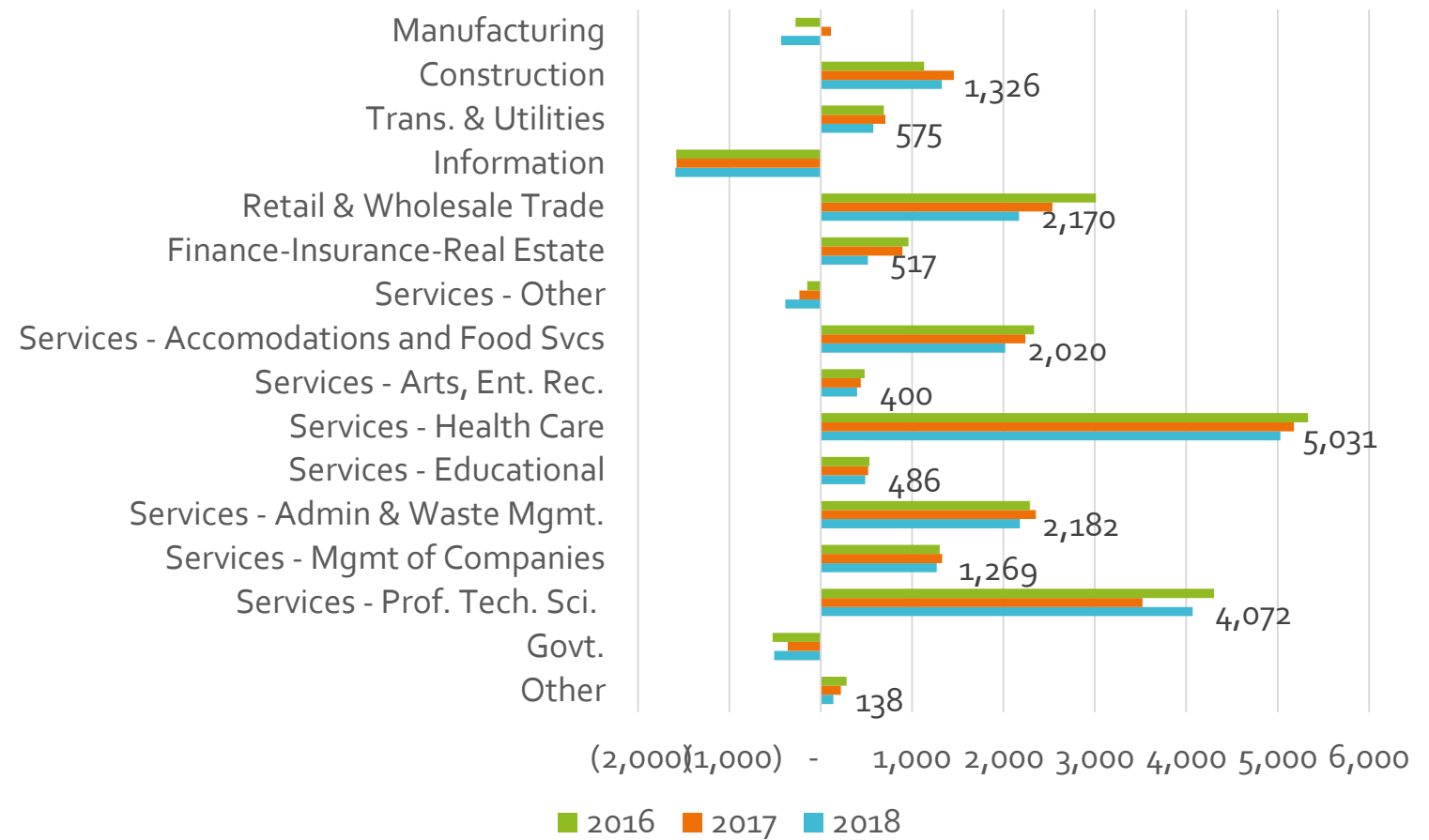
Somewhat faster employment growth produces above average GDP growth in 2016 for KC. In 2017, the it is expected that the national economy regains the GDP growth advantage.

KC vs. U.S. Real GDP Growth, 2015-2018
Annual change, fourth-quarter to fourth-quarter basis



Health care and professional services are expected to lead the region's employment growth, while information is projected to decline.

Kansas City Employment Change by Industry
Measured fourth-quarter to fourth-quarter

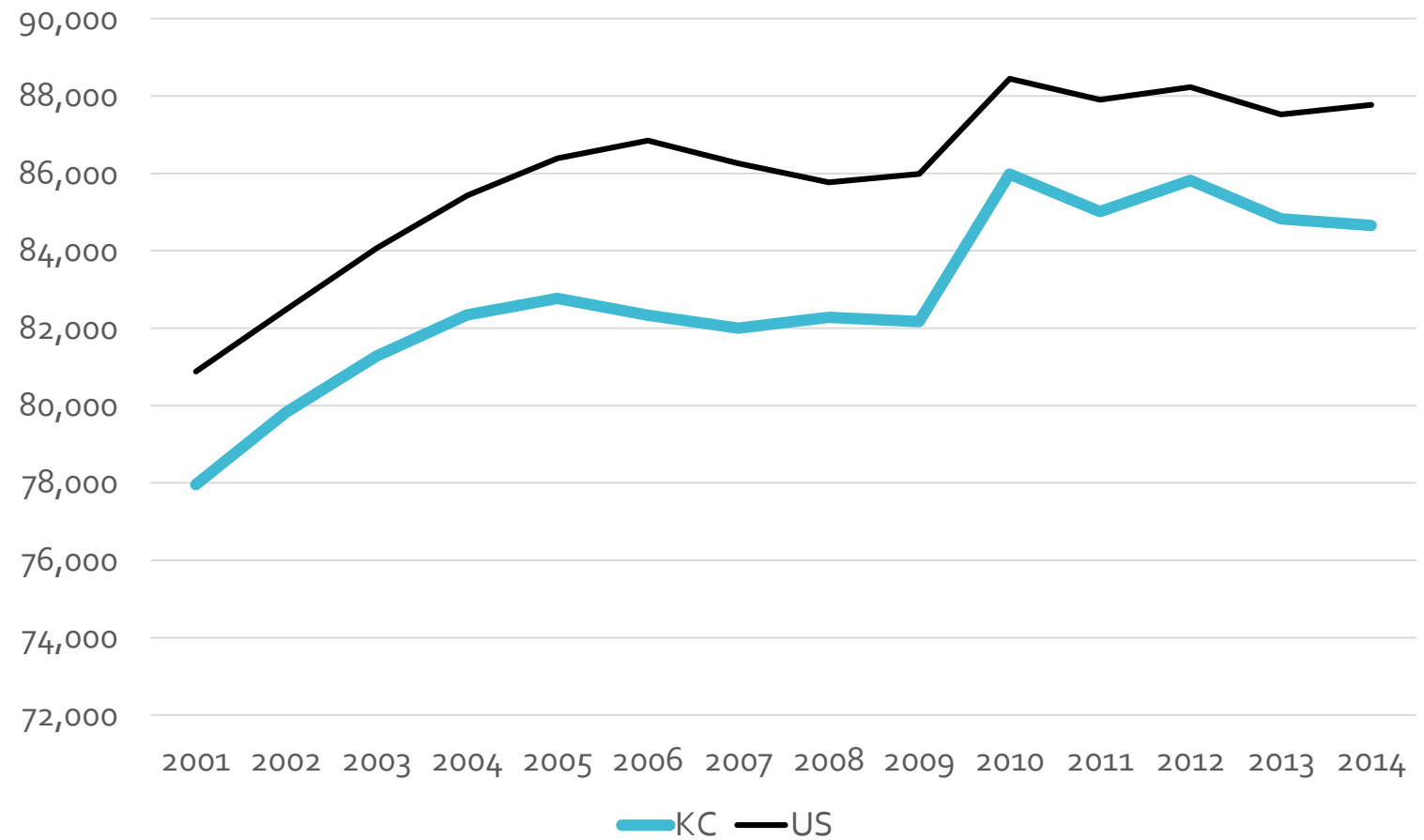


Conclusion

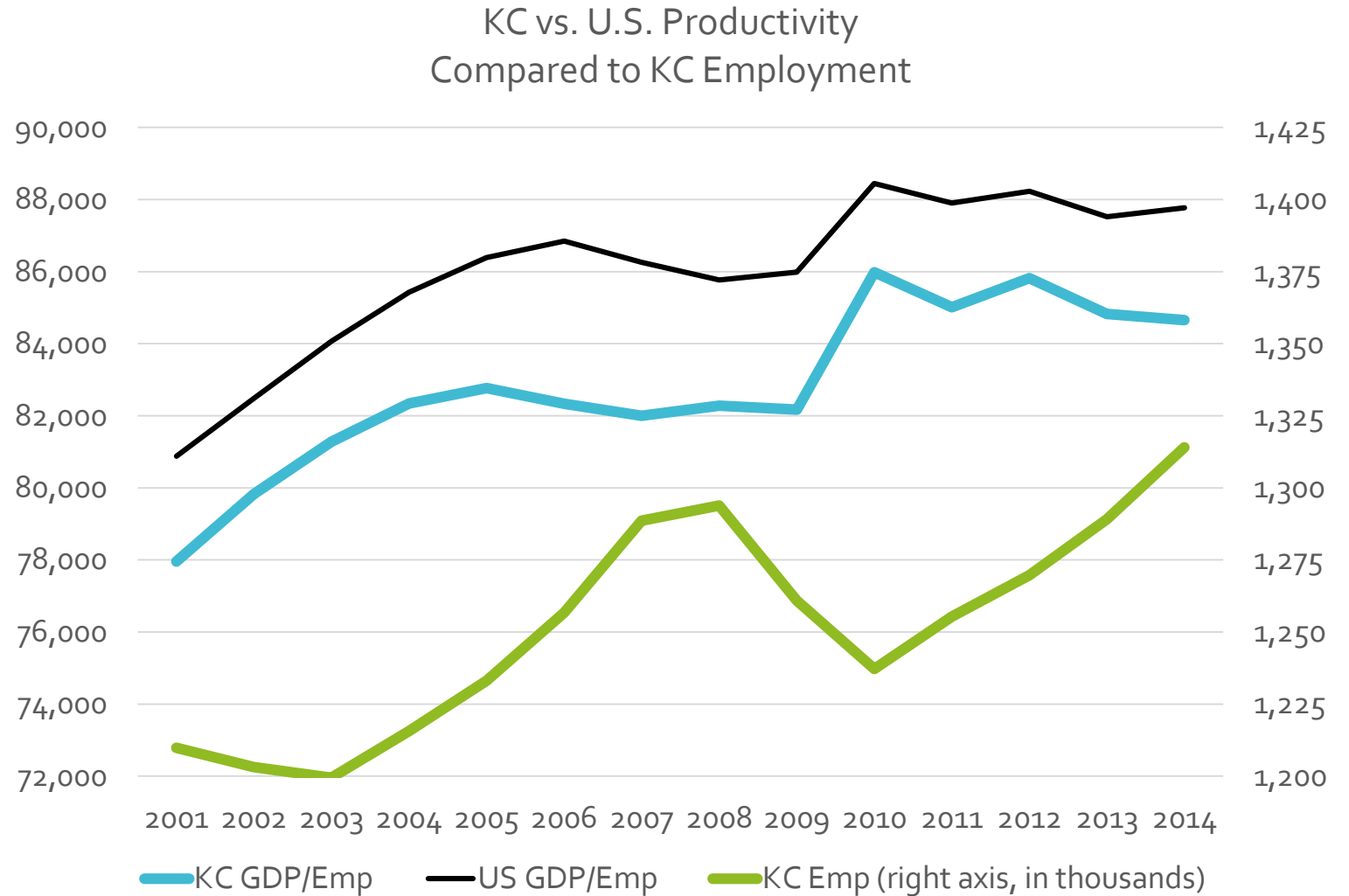
- The current recovery is already longer than average.
- 2% GDP growth appears to be the new normal
- Employment growth remains strong relative to labor supply growth, putting downward pressure on unemployment and upward pressure on wages.
- The benefits of growth are now being shared more widely than in earlier stages of the recovery.
- The current recovery is likely past its mid-point, but how far past is unclear.

The biggest worry, both locally and nationally, is slow, even negative, productivity growth.

KC vs. U.S. Productivity
GDP/job, U.S. is metro portion only



This recovery, we've had no period where employment and productivity were both growing.



Thank you!

Questions?

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