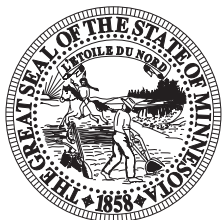


Twin Cities Area Economic and Business Conditions Report Second Quarter 2016

This issue is part of a series for the six planning areas of Minnesota: Central; Northeast; Northwest; Southeast; Southwest; and Twin Cities. The Twin Cities Planning Area consists of seven counties: Anoka; Carver; Dakota; Hennepin; Ramsey; Scott; and Washington.



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Executive Summary

A steady pace of economic growth is expected over the next several months in the Twin Cities according to the prediction of the St. Cloud State University Twin Cities Index of Leading Economic Indicators (LEI). The Twin Cities LEI was essentially unchanged in the second quarter, after rising by a revised 3.95 points in the first quarter. Three of the five index components increased in the second quarter. Lower initial claims for unemployment insurance and improvement in two general measures of statewide business conditions had a positive effect on the index, while a recent slowing of residential building permits in the Twin Cities MSA and a decline in new filings of business incorporation and LLC served as a drag on the LEI. Similar to other areas around the state and nation, the Twin Cities planning area economy is likely to grow in the coming months, albeit at a rate that is slower than normal.

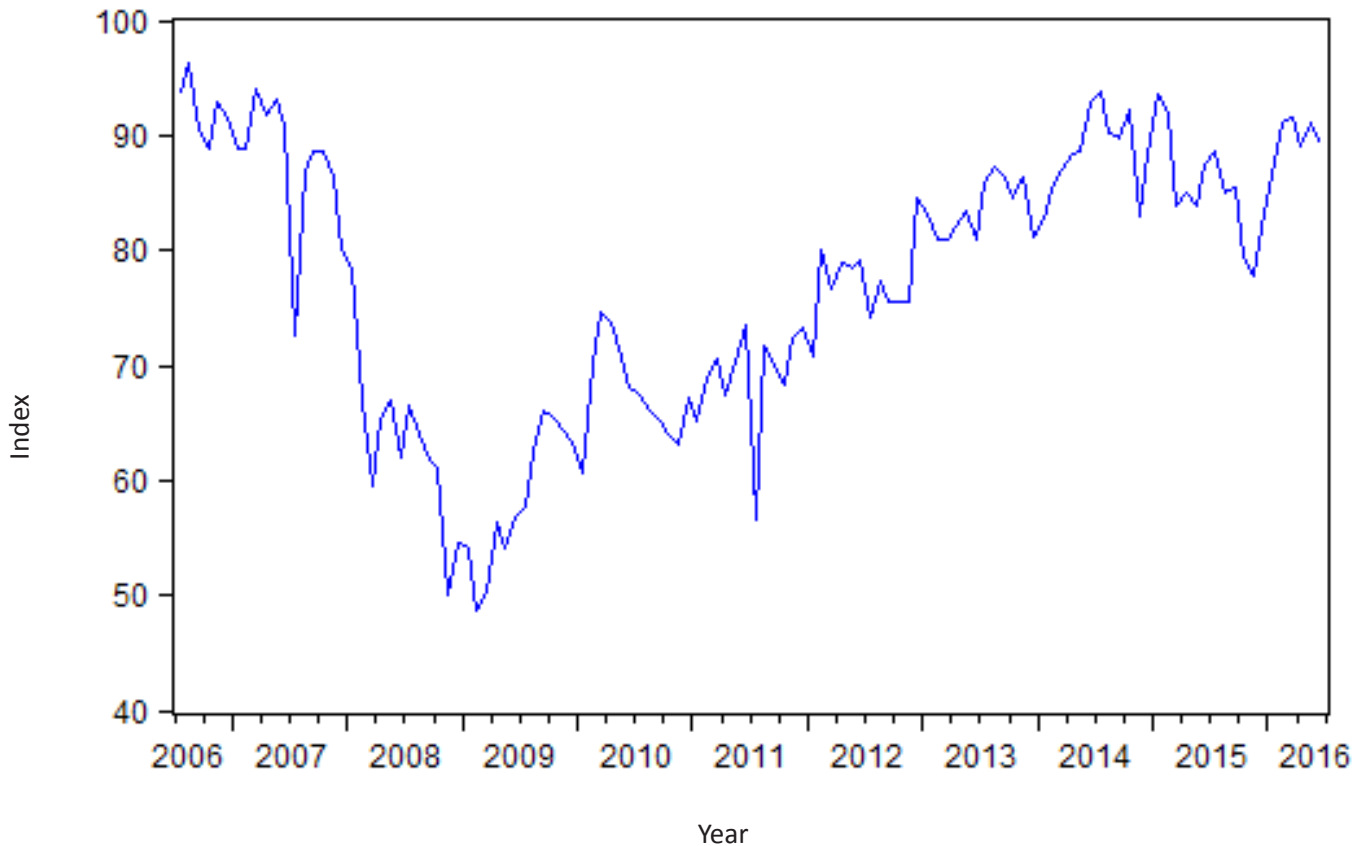
There were 10,186 new business filings with the Office of the Minnesota Secretary of State in the seven-county metro area in the second quarter of 2016—representing a 1.2 percent decrease from one year ago. There were 1,489 new regional business incorporations in the second quarter, a 1 percent decrease over year ago levels. Second quarter new LLC filings fell to 6,249 in the seven-county metro area—also a 1 percent decrease compared to the second quarter of 2015. New assumed names totaled 2,034 in the second quarter. This was 1.3 percent lower than one year ago. There were 414 new filings for non-profit in the Twin Cities in the second quarter of 2016, 3.9 percent fewer filings than one year earlier.

Twin Cities employment increased by 0.8 percent over the year ending June 2016. At 3.7 percent, the planning area’s unemployment rate was slightly higher than one year earlier. Initial claims for unemployment insurance were lower than year ago levels, falling by 9.7 percent to 7,395. The average weekly wage in the Twin Cities planning area was \$1,200 in the final quarter of 2015, a 4.4 percent increase over the prior year. The planning area labor force expanded by 0.9 percent over the year ending in June 2016. Annual bankruptcies continued to decline in the Twin Cities over the past twelve months. Average weekly hours and average hourly earnings were both higher in the metro area and the relative cost of living declined.

Twin Cities Leading Economic Indicators Index

The SCSU Twin Cities Leading Economic Indicators (LEI) index is designed to predict performance of the regional economy with a four-to-six month lead time. After rising by 3.95 points last quarter, the LEI was nearly unchanged (it fell by 0.37 points) in the second quarter of 2016. The Twin Cities index is now 1.6 percent higher than one year ago.

SCSU Twin Cities Index of Leading Economic Indicators (December 1999 = 100)



Components of SCSU Twin Cities Leading Economic Indicators Index

Component of Index	Contribution to LEI, 2nd quarter 2016	Contribution to LEI, 1st quarter 2016
Minnesota Business Conditions Index	0.53	1.54
Twin Cities initial claims for unemployment insurance	1.05	-2.96
Twin Cities new filings of incorporation and LLCs	-1.63	1.98
Mpls.-St. Paul MSA residential building permits	-0.74	3.33
Philadelphia Fed Minnesota leading indicators	0.42	0.06
TOTAL CHANGE	-0.37	3.95

The Twin Cities LEI contains five components—two reflecting state business conditions and three for local conditions (the LEI is an index equal to 100 in December 1999). The Federal Reserve Bank of Philadelphia (which creates a leading economic indicator series for each of the 50 states) reported a value for its Minnesota Leading Indicators series that contributed favorably to the LEI this quarter. In addition, the Minnesota Business Conditions Index (constructed by Creighton University)—another general indicator of statewide economic conditions—also had a positive impact on this quarter’s LEI.

Only one of the three local measures was positive in the second quarter. Lower initial jobless claims in the planning area contributed favorably to this quarter’s index. A recent decline in single family residential building permits across the Minneapolis-St. Paul MSA had a negative impact on this quarter’s index as did a decline in new filings for incorporation and LLC in the planning area.

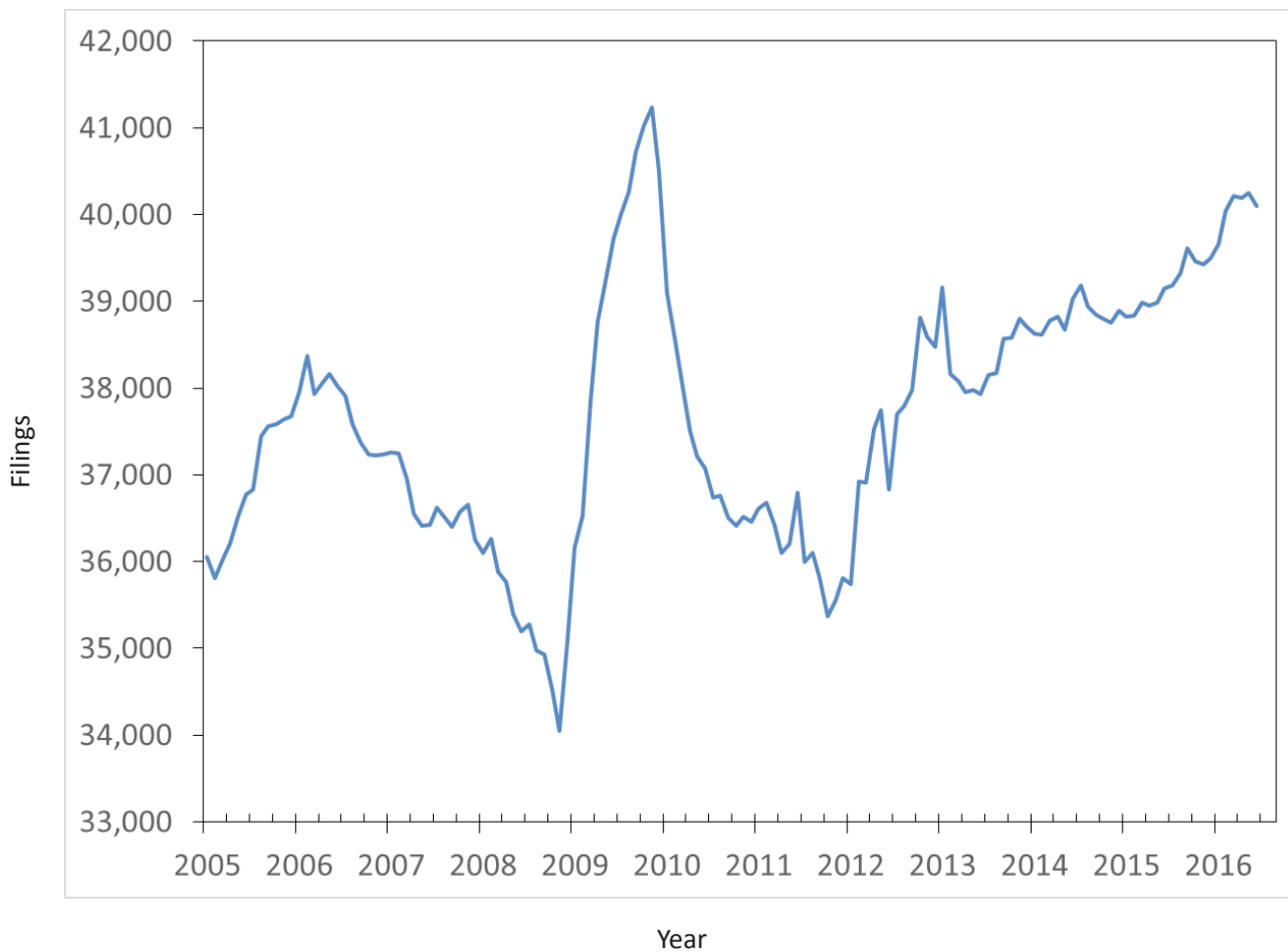
SCSU Twin Cities Leading Economic Indicators Index	2016	2015	Percentage Change
Minnesota Business Conditions Index June	51.6	53.0	-2.6%
Twin Cities initial claims for unemployment insurance June	7,395	8,185	-9.7%
Twin Cities new filings of incorporation and LLCs Second Quarter	7,738	7,814	-1.0%
Twin Cities MSA single-family building permits, June	813	761	6.8%
Index of Leading Economic Indicators Philadelphia Federal Reserve, June	1.70	1.50	13.3%
Twin Cities Leading Economic Indicators Index June (June 1999 = 100)	89.3	87.9	1.6%

Twin Cities Business Filings

Total new business filings have generally trended upward since the second half of 2011. This trend moderated in the second quarter as filings contracted at a 1.2 percent annual rate. The abrupt increase in new filings in the middle of 2008 is largely a result of increased new LLC filings. This outlier (resembling a shark fin) is related to considerably higher filings in the construction industry due to legal and regulatory issues, and appears to be a one-time only transitory event seen in the data in all regions of Minnesota.

Note: The graphs in this section show the 12-month moving total for the various new business filings in the Twin Cities that are registered with the Office of the Minnesota Secretary of State. This adjustment removes seasonal patterns in the data.

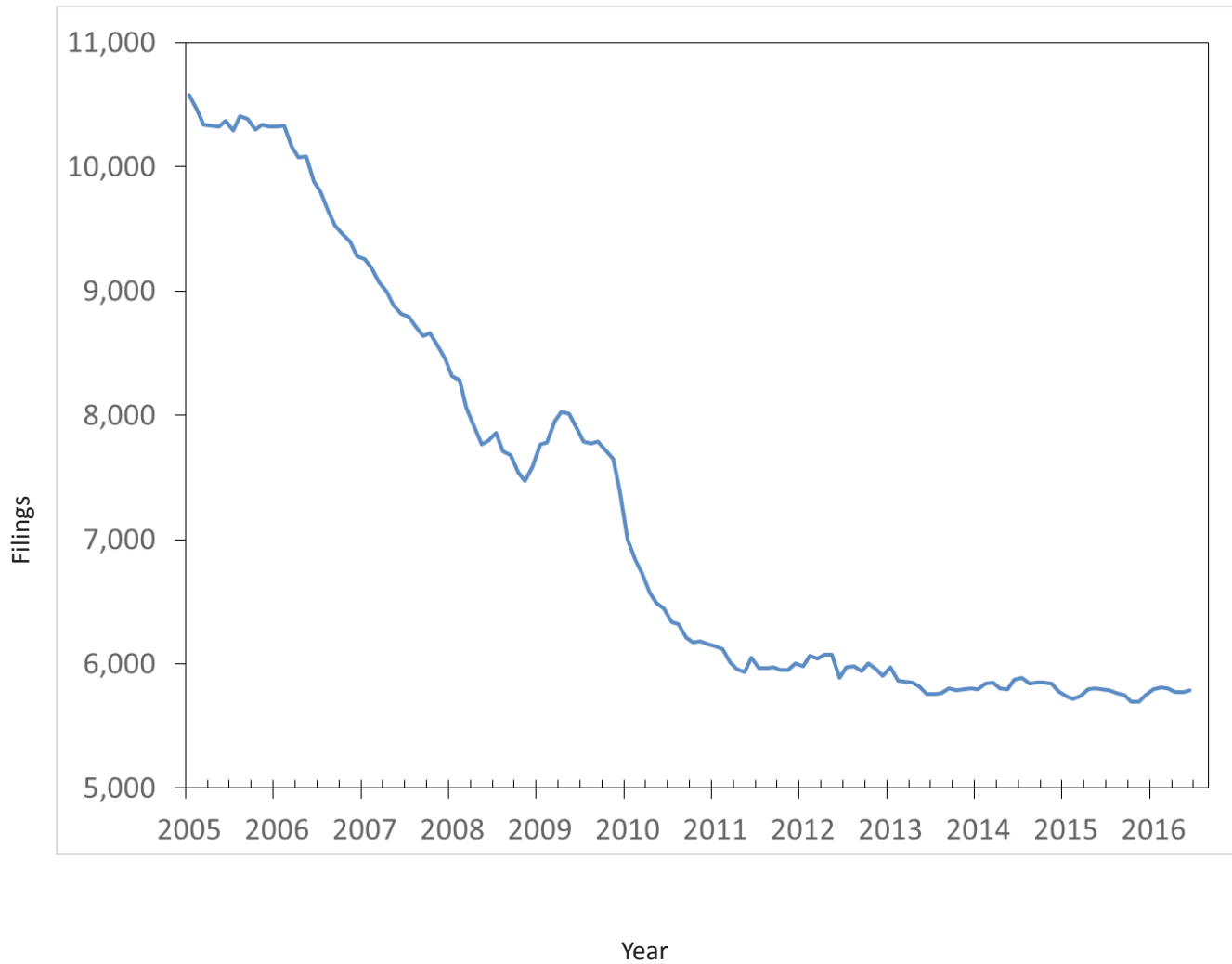
Total New Business Filings—Twin Cities Planning Area (12-month moving total)



Quarter	II: 2015	III: 2015	IV: 2015	I: 2016	II: 2016	2016 Quarter II: Percent change from prior year
Twin Cities Total New Business Filings	10,306	9,684	9,014	11,215	10,186	-1.2%

New business incorporations trended downward in the Twin Cities from 2005 to 2011, and have been relatively flat since that time. Filings for new business incorporation fell 1 percent from one year earlier in the second quarter of 2016.

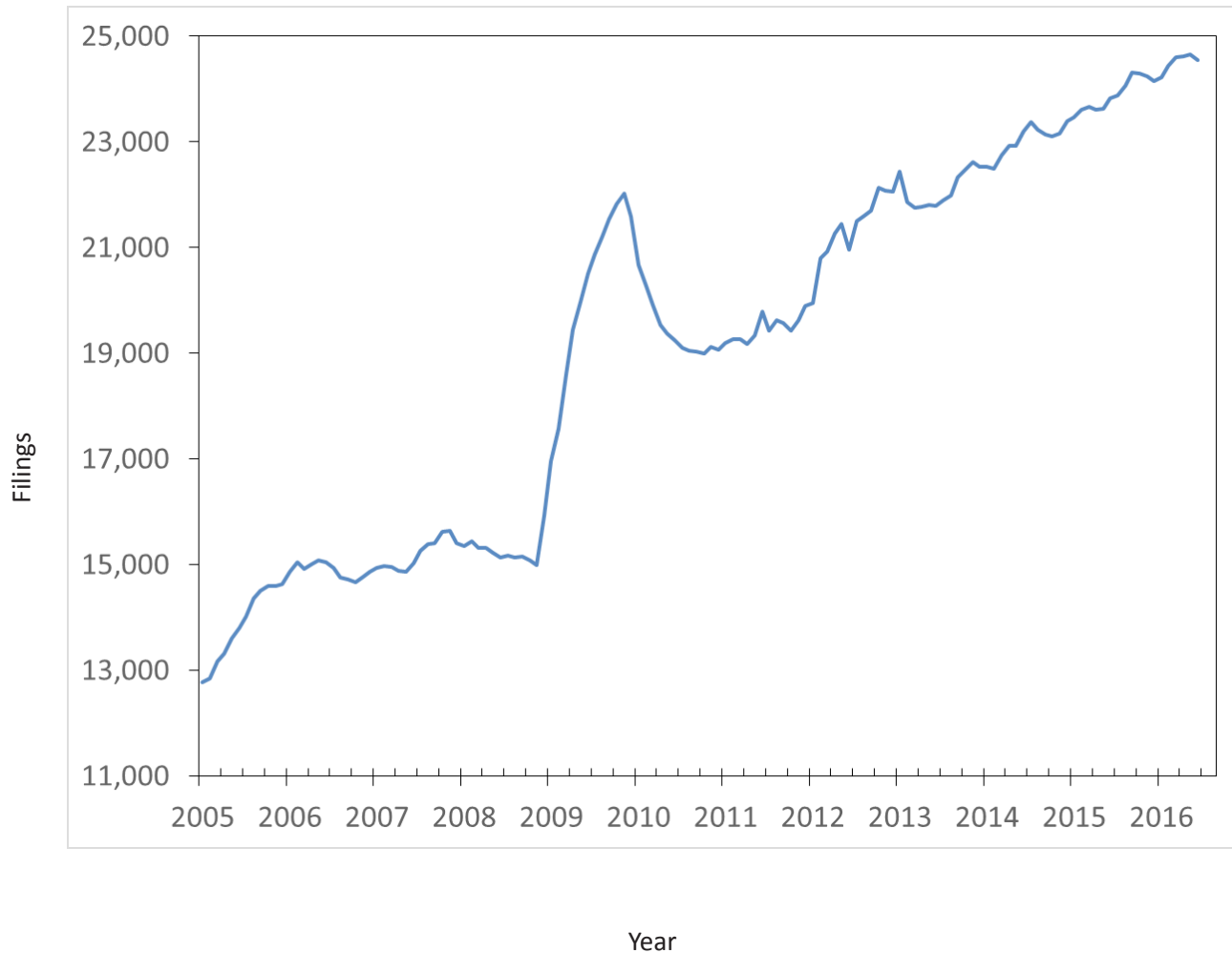
New Incorporations—Twin Cities Planning Area (12-month moving total)



Quarter	II: 2015	III: 2015	IV: 2015	I: 2016	II: 2016	2016 Quarter II: Percent change from prior year
Twin Cities New Business Incorporations	1,504	1,349	1,344	1,606	1,489	-1.0%

There has been a move in the Twin Cities (and the rest of the state) away from the traditional incorporation form of business organization toward LLCs. While new business incorporations remain an important indicator of new business formation in the Twin Cities, LLCs are increasingly useful in evaluating regional economic performance. As seen below, there is a considerable upward trend in LLCs in the Twin Cities. With the exception of the outlier period in 2008-2009, new LLC formation has shown a fairly steady rate of growth since 2005. At a level of 6,249, new filings for LLC in the second quarter of 2016 were 1 percent lower than one year earlier.

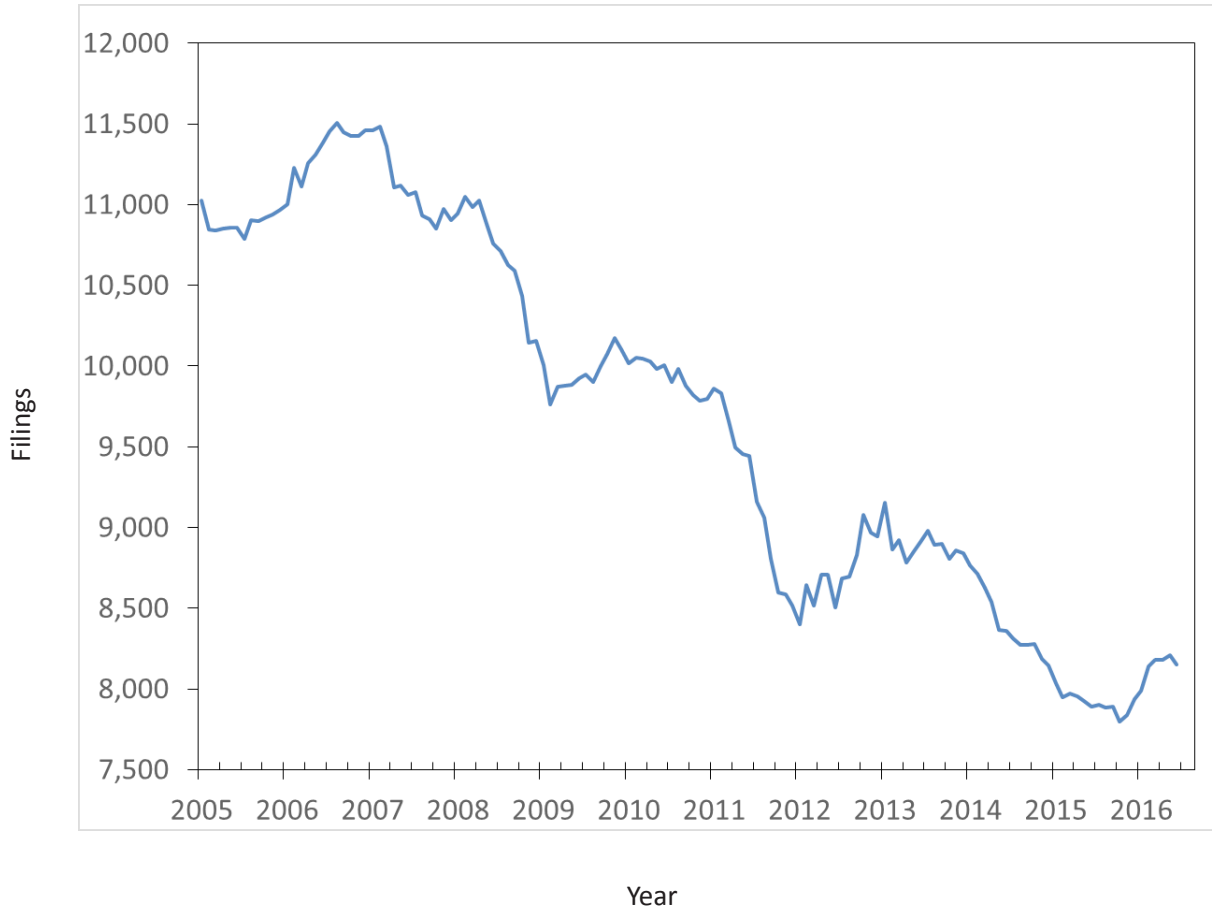
New Limited Liability Companies—Twin Cities Planning Area (12-month moving total)



Quarter	II: 2015	III: 2015	IV: 2015	I: 2016	II: 2016	2016 Quarter II: Percent change from prior year
Twin Cities New Limited Liability Companies	6,310	6,007	5,440	6,846	6,249	-1.0%

Assumed names, which include sole proprietors or organizations that do not have limited liability, fell 1.3 percent in the second quarter relative to the same period in 2015. Assumed names filings appeared to be growing after experiencing a downward slide since 2006-2007, but this quarter’s decline has this series once again on a downward trajectory.

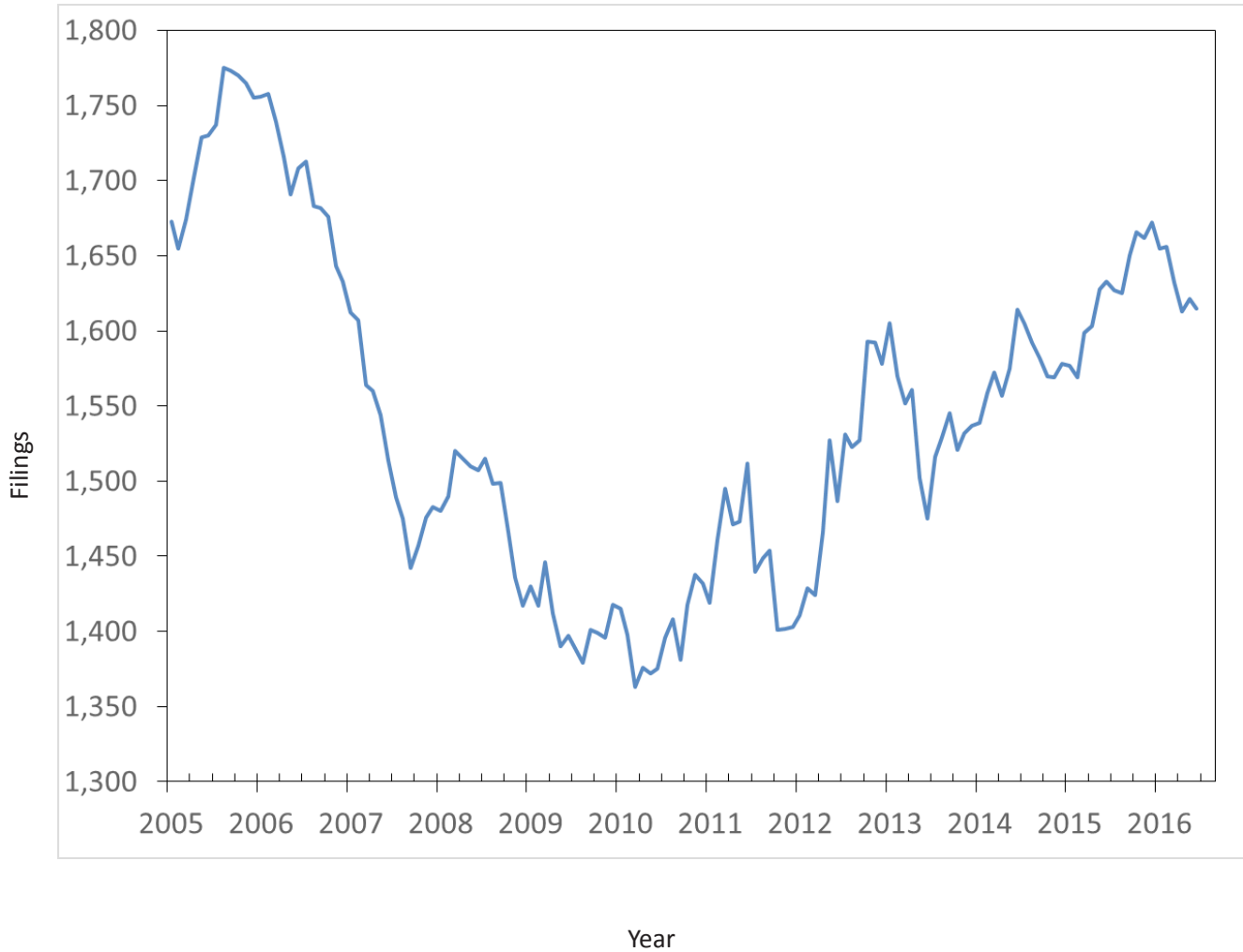
New Assumed Names—Twin Cities Planning Area (12-month moving total)



Quarter	II: 2015	III: 2015	IV: 2015	I: 2016	II: 2016	2016 Quarter II: Percent change from prior year
Twin Cities New Assumed Names	2,061	1,937	1,837	2,346	2,034	-1.3%

After bottoming out in 2010, the number of new Twin Cities non-profits registered with the Office of the Minnesota Secretary of State had increased to a level last seen in the mid-2000s. However, this series has once again begun to decline. With 414 new non-profits registered in the second quarter, new filings in this sector contracted by 3.9 percent compared to one year earlier.

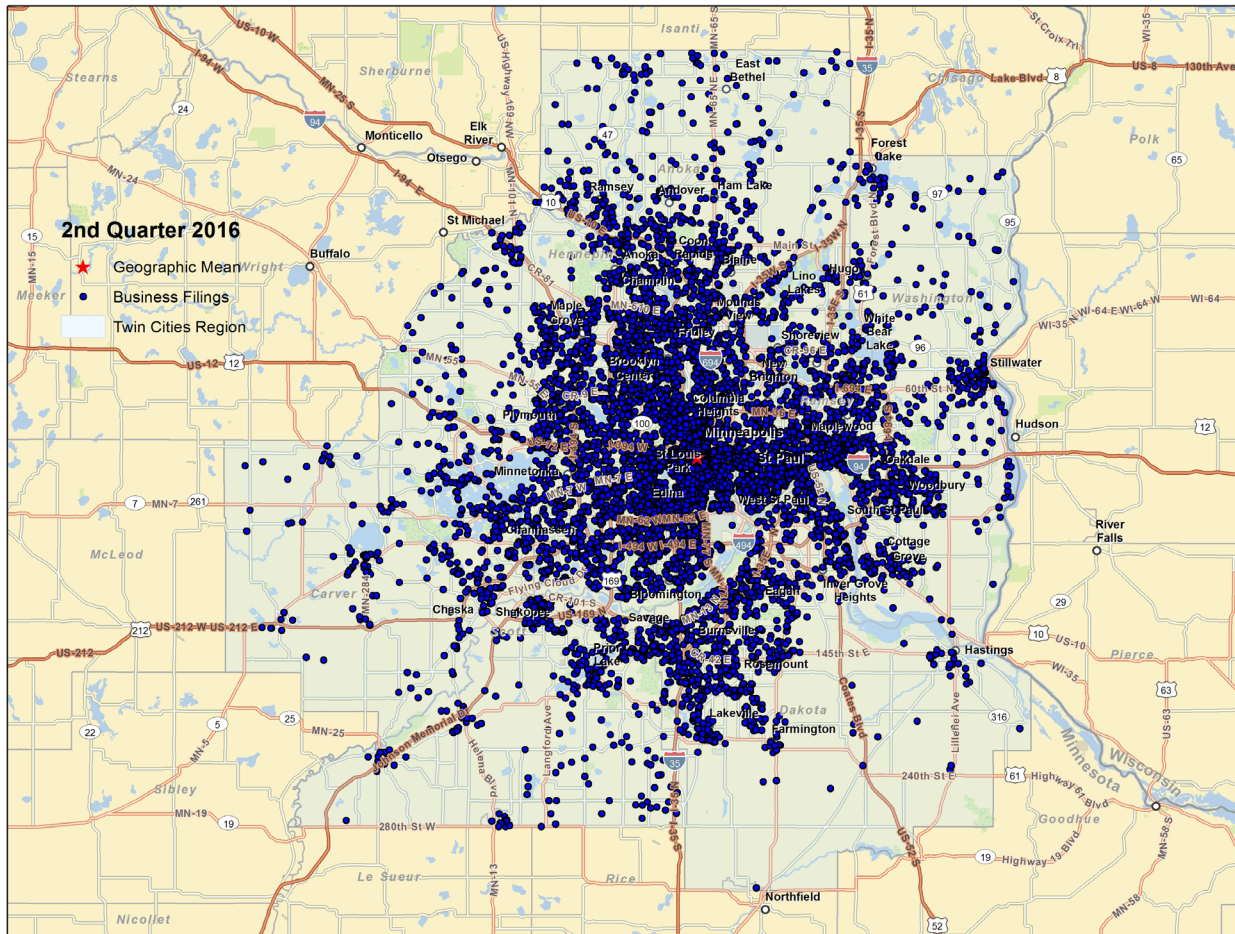
New Non-Profits—Twin Cities Planning Area (12-month moving total)



Quarter	II: 2015	III: 2015	IV: 2015	I: 2016	II: 2016	2016 Quarter II: Percent change from prior year
Twin Cities New Non-Profits	431	391	393	408	414	-3.9%

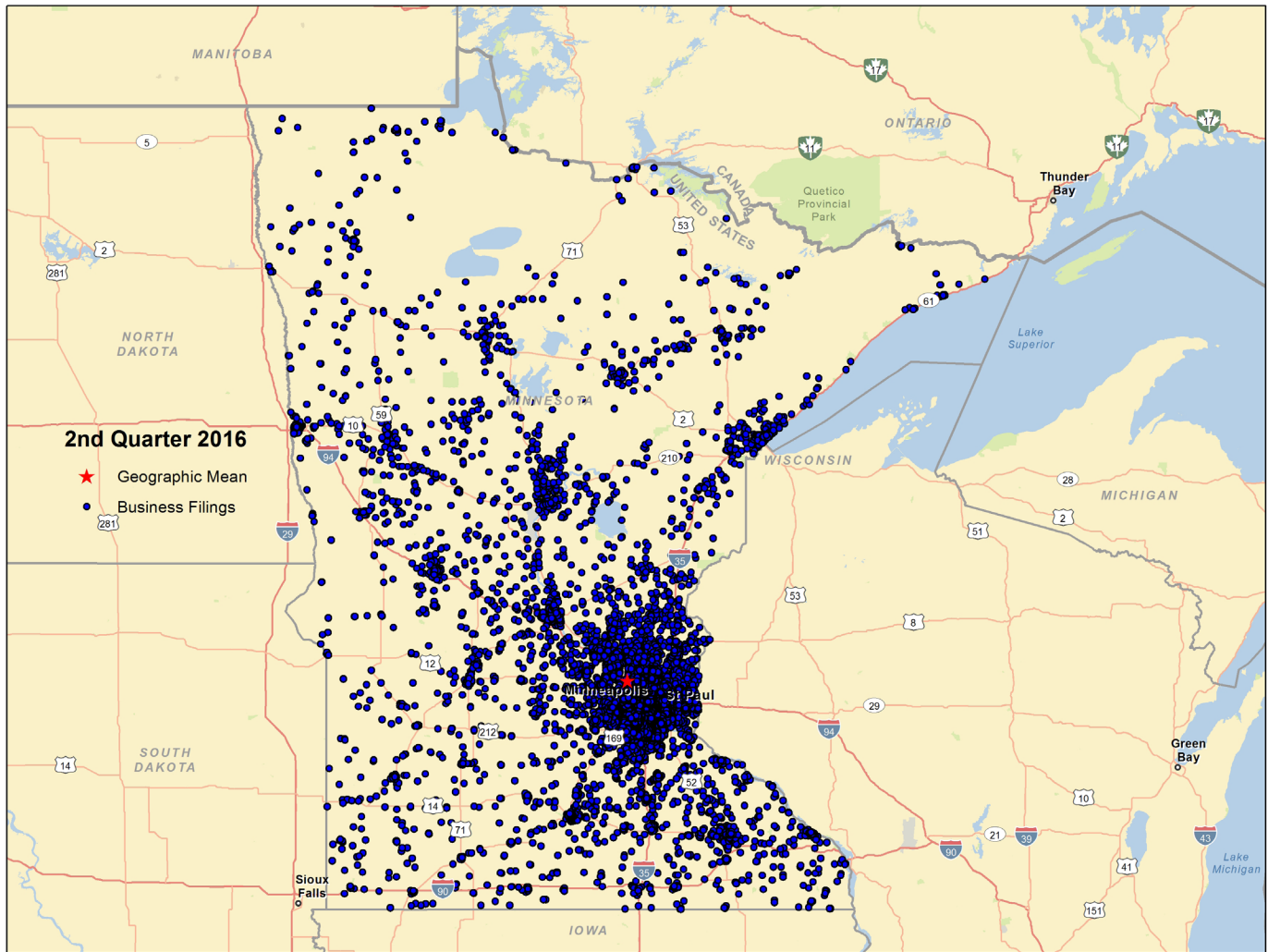
The first map shown below is a visual representation of new business formation around the Twin Cities planning area in the second quarter of 2016. The densest areas of new business formation are concentrated in the middle of the planning area, although virtually all portions of the area experienced some type of new business formation. Well-traveled roadways are a predictor of new business formation in the Twin Cities planning area.

Twin Cities Planning Area--New Business Formation--Quarter 2: 2016



The second map shows new business filings for the state as a whole. This visual aid demonstrates the considerable extent to which the Twin Cities metro area dominates new business formation in the state. The map shows how the Twin Cities metro stretches along roadways into the Southeast, Southwest and Central planning areas. The map demonstrates the importance of cities and roadways in encouraging economic development. With each passing quarter, St. Cloud, Rochester, and Mankato appear to be more connected to the Twin Cities metro.

Minnesota--New Business Formation--Quarter 2: 2016

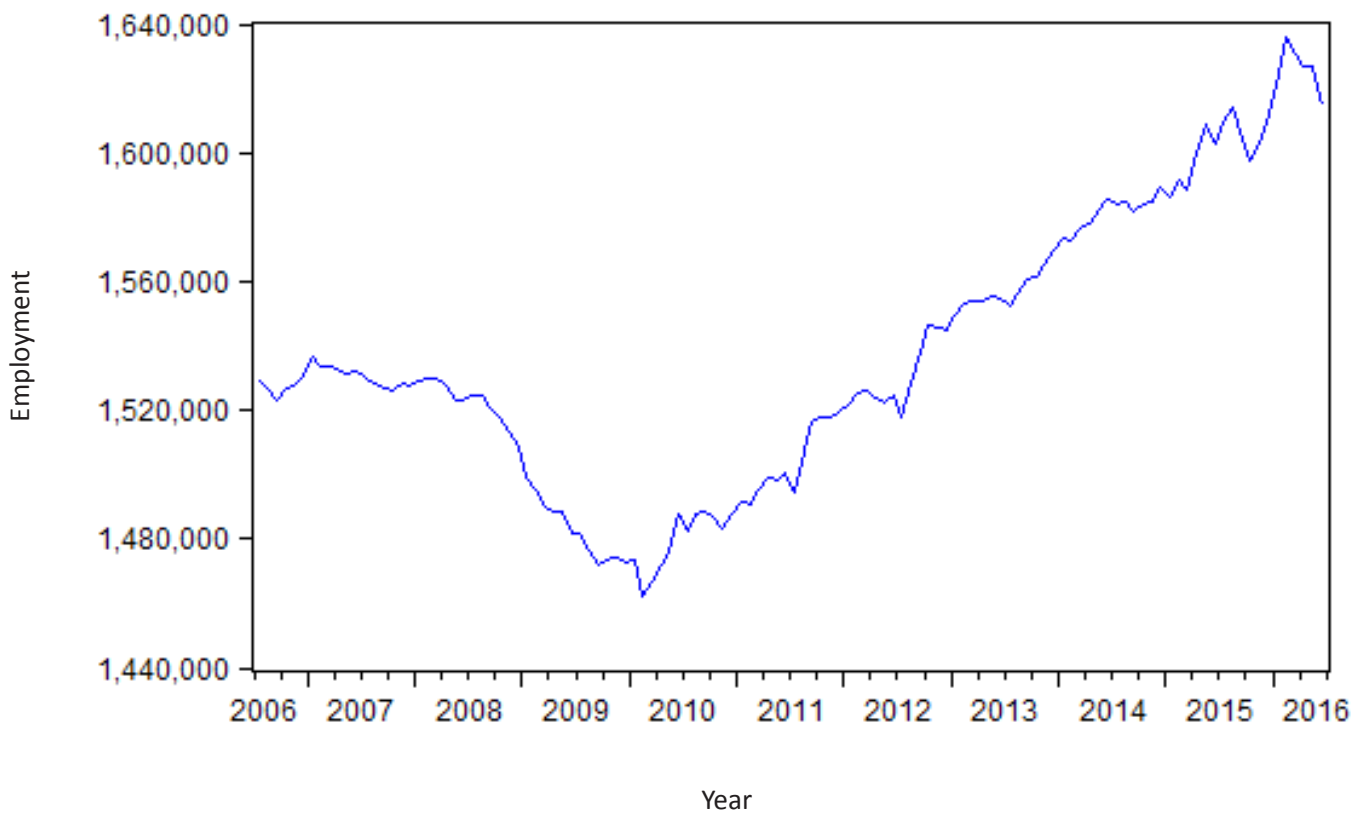


Twin Cities Labor Market Conditions

Employment of Twin Cities planning area residents grew 0.8 percent over the past year. After relative stagnation through 2007 and a decline during the Great Recession, the area had experienced fairly steady employment growth since the start of 2010. However, the 12-month moving average of employment in the Twin Cities has been declining in 2016.

Note: seasonally adjusted labor market data are typically not available to evaluate regional economic performance. While there are seasonally adjusted labor market data for the Twin Cities metro area, these data include parts of Wisconsin. These seasonally adjusted data therefore do not accurately capture the Twin Cities planning area (which is confined to seven counties). Some graphs of labor market indicators found in this section of the report are adjusted so as to remove seasonal patterns from the data. Tabular data are not seasonally adjusted.

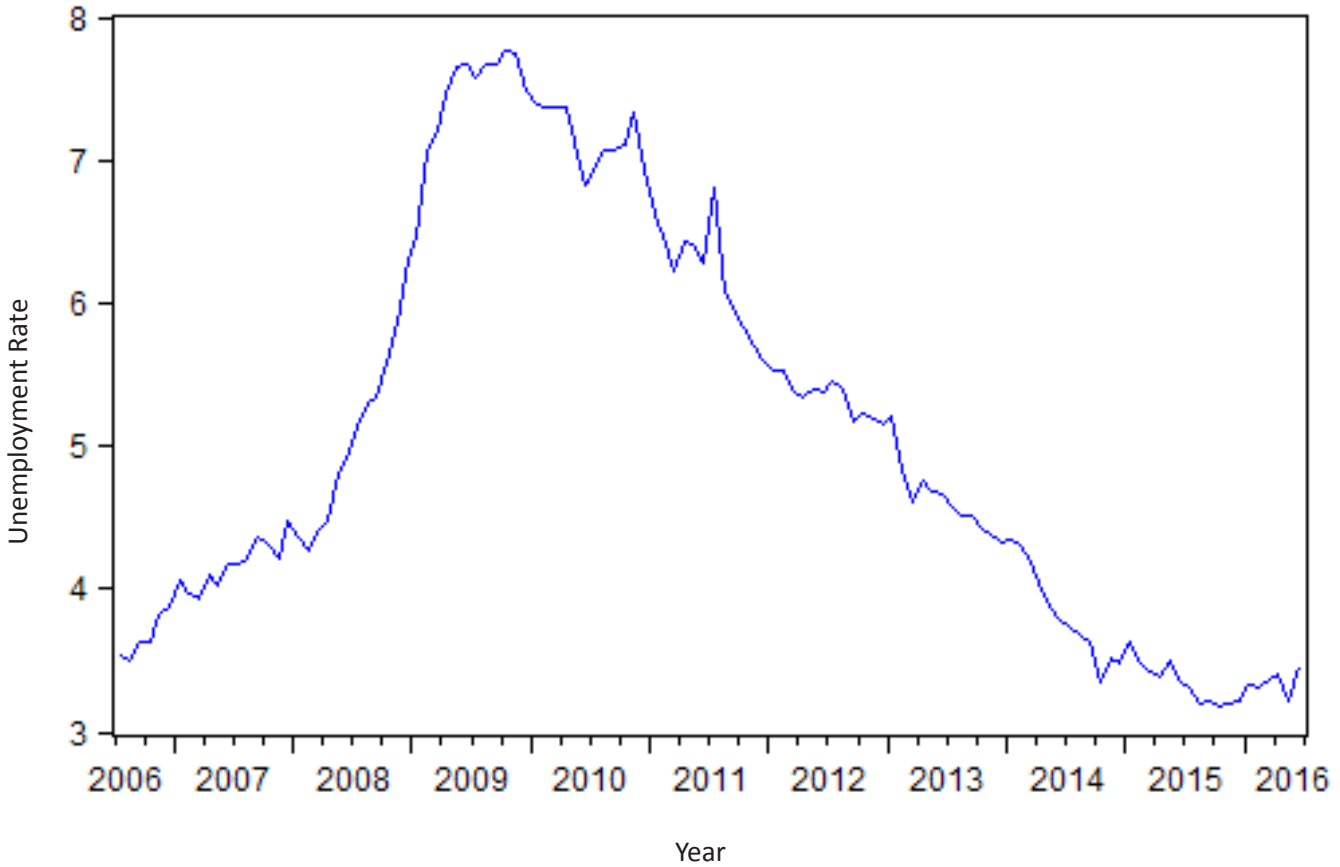
Employment—Twin Cities Planning Area (12-month moving average)



Month	June 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016
Employment (Not seasonally adjusted)	1,610,148	1,600,268	1,620,387	1,617,193	1,625,589	1,632,448	1,622,290

The seasonally adjusted unemployment rate in the Twin Cities had declined since the end of the Great Recession in 2009. The unemployment rate rose at the end of 2014, but resumed its downward path in 2015. However, it now seems to have leveled out in recent quarters. The non-seasonally adjusted unemployment rate now stands at 3.7 percent, slightly higher than the 3.6 percent rate recorded one year earlier.

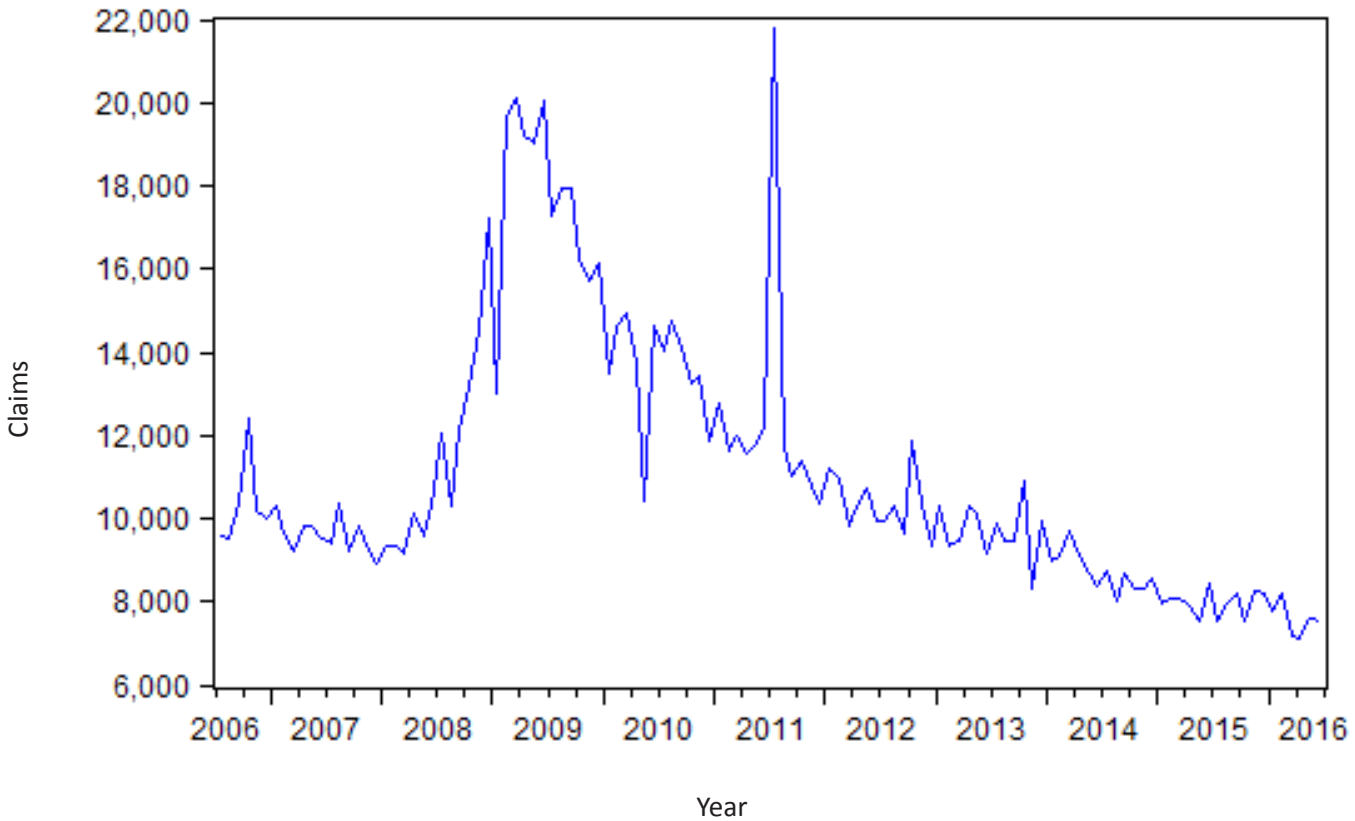
Unemployment Rate, seasonally adjusted—Twin Cities Planning Area



Month	June 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016
Unemployment Rate (Not seasonally adjusted)	3.6%	3.7%	3.6%	3.7%	3.2%	3.0%	3.7%

New claims for unemployment insurance were 9.7 percent below year ago levels in June 2016. The graph of the seasonally adjusted series suggests claims are at levels that are among the lowest observed over the past 10 years.

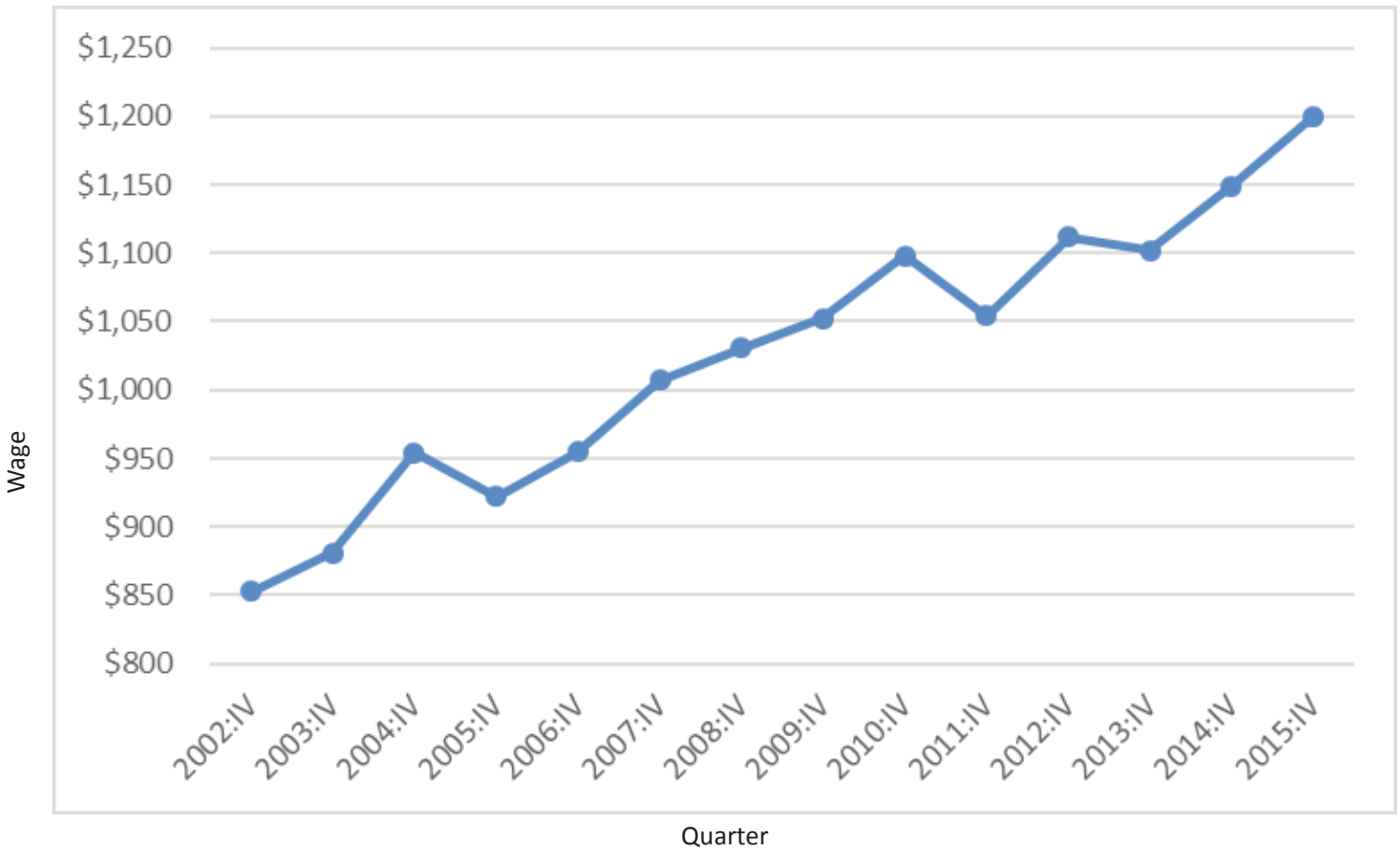
Total Initial Claims for Unemployment Insurance, seasonally adjusted—Twin Cities Planning Area



Month	June 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016
Initial claims (Not seasonally adjusted)	8,185	9,809	8,051	6,880	6,324	6,751	7,395

The average weekly wage in the Twin Cities grew by 4.4 percent over the year ending in the fourth quarter of 2015 (this is the most recently available data). At a level of \$1,200, the average weekly wage in the Twin Cities planning area is far higher than any of Minnesota’s other planning areas. The Southeast Minnesota planning area has the second highest average weekly wage in Minnesota at \$936.

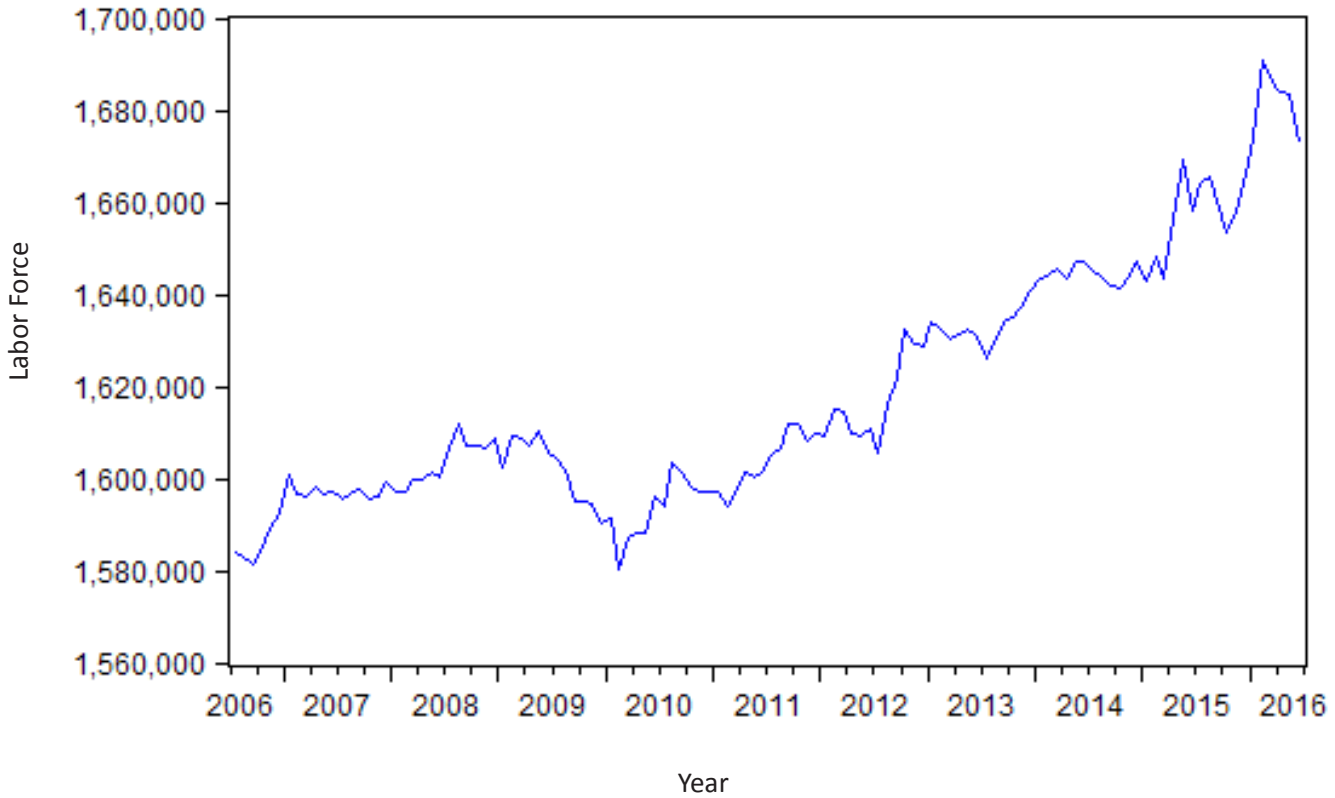
Average Weekly Wage—Twin Cities Planning Area



Quarter	2010:IV	2011:IV	2012:IV	2013:IV	2014:IV	2015:IV
Average Weekly Wage	\$1,098	\$1,054	\$1,112	\$1,102	\$1,149	\$1,200

The size of the Twin Cities labor force continues to rise. Over the last twelve months, the labor force in the Twin Cities planning area expanded by 0.9 percent to 1,684,527. However, the 12-month moving average (see accompanying graph) of the Twin Cities labor force has receded from its all-time high.

Labor Force—Twin Cities Planning Area (12-month moving average)

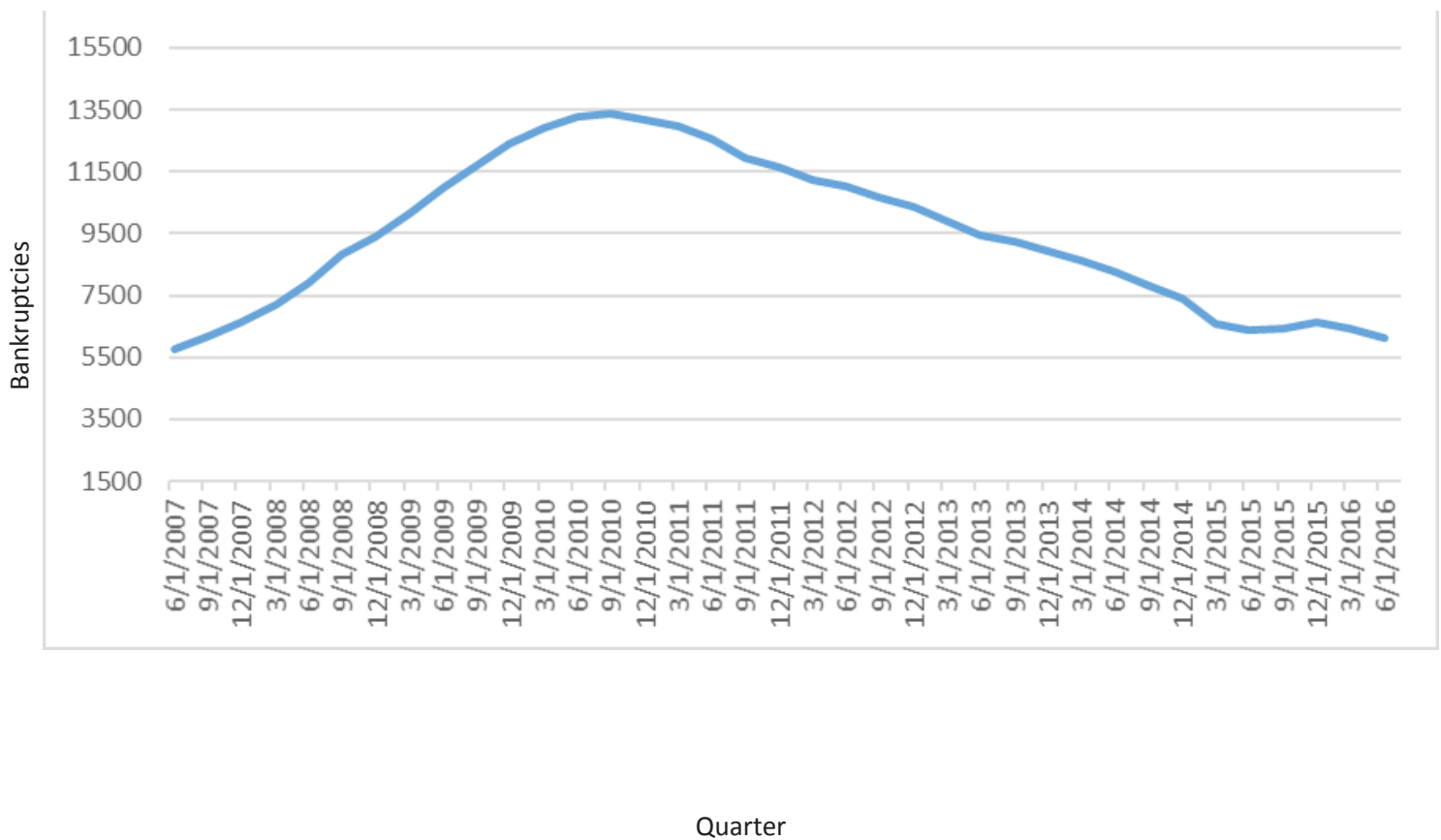


Year (June)	2011	2012	2013	2014	2015	2016
Labor Force (Not seasonally adjusted)	1,611,284	1,621,041	1,641,740	1,658,390	1,669,868	1,684,527

Twin Cities Bankruptcies

The figure below shows the 12-month moving total for Twin Cities bankruptcies since the second quarter of 2007 (shortly before the beginning of the Great Recession). As can be seen in the figure, this moving total increased through the second quarter of 2010, and declined steadily until the beginning of 2015, at which time it began leveling out. With 6,109 bankruptcies over the past twelve months, the level of bankruptcies in the Twin Cities continues to decline and is now at a level that was last seen prior to the Great Recession.

Twin Cities Bankruptcies (12-month moving total)



Year (Second Quarter)	2011	2012	2013	2014	2015	2016
Annual Bankruptcies (not seasonally adjusted)	12,542	11,008	9,433	8,283	6,389	6,109

Economic Indicators

Twin Cities MSA Indicators	Period Covered	Current Period	Prior Year	Annual Percent Change	Long Term Average (since 1999 unless noted)
Employment	June 2016 (m)	1,990,130	1,959,774	1.5% ↑	0.7%
Manufacturing Employment	June 2016 (m)	197,535	196,264	0.6% ↑	-1.2%
Average Weekly Work Hours Private Sector	June 2016 (m)	34.9	34.5	1.2% ↑	34.2 (since 2007)
Average Earnings Per Hour Private Sector	June 2016 (m)	\$27.31	\$26.45	3.3% ↑	0.7% (since 2007)
Average Weekly Work Hours Manufacturing (Production Workers)	June 2016 (m)	41.7	41.1	1.5% ↑	40.7 (since 2005)
Average Earnings Per Hour Manufacturing (Production Workers)	June 2016 (m)	\$21.18	\$21.34	-0.7% ↓	1.5% (since 2005)
Unemployment Rate	June 2016 (m)	3.7%	3.6%	NA ↑	4.7%
Labor Force	June 2016 (m)	1,971,286	1,953,718	0.9% ↑	0.6%
MSP Residential Building Permit Valuation, in thousands	June 2016 (m)	308,125	291,255	5.8% ↑	NA
Minneapolis Cost-of-Living Index	First Quarter 2016 (q)	104.4	107.1	-2.5% ↓	NA
St. Paul Cost-of-Living Index	First Quarter 2016 (q)	103.6	106.2	-2.4% ↓	NA

(m) represents a monthly series

The Minneapolis-St. Paul Metropolitan Statistical Area (an MSA is a grouping of counties and municipalities identified by the Census as having economic and demographic forces in common) includes 14 Minnesota counties (the definition of the MSA was recently expanded to include Le Sueur, Mille Lacs, and Sibley counties): Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Le Sueur, Mille Lacs, Ramsey, Scott, Sherburne, Sibley, Washington and Wright. This MSA also includes the Wisconsin counties of Pierce and St. Croix. It is thus much larger than the seven-county Twin Cities planning area. Still, activity outside of the area influences economic behavior within it, and vice versa. The larger Minneapolis-St. Paul MSA experienced mostly favorable labor market conditions in the last 12 months. Overall employment increased 1.5 percent in the Twin Cities MSA and manufacturing employment rose by 0.6 percent over the year ending June 2016. Average hourly earnings rose overall in the private sector but declined in manufacturing while average weekly hours rose in both the private sector and in manufacturing. The value of residential building permits rose 5.8 percent in June 2016 relative to the same period one year earlier. Compared to June 2015, the Twin Cities MSA unemployment rate was higher and the labor force was larger. The relative cost of living in both Minneapolis and St. Paul declined.

State and National Indicators

MINNESOTA Indicators	Jun 2016	Mar 2015	Jun 2015	Change from one quarter ago	Annual Change
Nonfarm payroll employment, SA	2,891,800	2,876,200	2,859,500	0.5%	1.1%
Average weekly hours worked, private sector	34.3	33.5	34.1	2.4%	0.6%
Unemployment rate, seasonally adjusted	3.8%	3.8%	3.6%	NA	NA
Earnings per hour, private sector	\$26.64	\$27.05	\$25.71	-1.5%	3.6%
Philadelphia Fed Coincident Indicator, MN	180.34	179.04	175.78	0.7%	2.6%
Philadelphia Fed Leading Indicator, MN	1.70	1.31	1.50	29.8%	13.3%
Minnesota Business Conditions Index	51.6	50.7	54.3	1.8%	-5.0%
Price of milk received by farmers (cwt)	\$15.00	\$15.80	\$17.90	-5.1%	-16.2%
Enplanements, MSP airport, thousands	1,725.6	1,662.9	1,680.9	3.8%	2.7%
NATIONAL Indicators	Jun 2016	Mar 2015	Jun 2015	Change from one quarter ago	Annual Change
Nonfarm payroll employment, SA, thousands	144,193	143,733	141,724	0.3%	1.7%
Industrial production, index, SA	104.1	103.4	104.9	0.7%	-0.8%
Real retail sales, SA (\$)	190,850	188,259	187,323	1.4%	1.9%
Real personal income less transfers (\$, bill.)	11,849.7	11,828.7	11,661.1	0.2%	1.6%
Real personal consumption expenditures (\$, bill.)	11,514.3	11,374.4	11,199.2	1.2%	2.8%
Unemployment rate, SA	4.9%	5.0%	5.3%	NA	NA
New building permits, SA, thousands	22,634	19,300	24,190	17.3%	-6.4%
Standard & Poor's 500 stock price index	2,083.9	2,022	2,099	3.1%	-0.7%
Oil, price per barrel in Cushing, OK	\$48.76	\$37.55	\$59.82	29.9%	-18.5%

Across the state there was growth in payrolls, higher earnings per hour, and more average weekly hours worked in the private sector over the past twelve months (note that June earnings were lower than three months earlier). The seasonally adjusted unemployment rate rose over the past twelve months. Indicators from the Federal Reserve Bank of Philadelphia suggest improved current and future conditions in the state economy. The Minnesota Business Conditions index improved over the past three months, but was lower than year ago levels. Milk prices continue to fall across the state. As was noted in last quarter's report, this has been a particularly difficult period for those who make a living in milk production. Enplanements at the Minneapolis-St. Paul airport increased by 2.7 percent over the last twelve months.

The national economic indicators reported in the table are mixed. Over the past twelve months, industrial production and stock prices declined, building permits are lower, and oil prices have continued to fall. However, employment, consumer expenditures, and income all experienced growth over the recent quarter (and year) and the national unemployment rate fell. Retail sales improved. This all seems to fit with a general outlook of positive growth that is lower than normal for the U.S. economy. While there is little fear of recession, sluggish growth conditions persist.

The Twin Cities Quarterly Economic and Business Conditions Report is a collaboration between the Office of the Minnesota Secretary of State and the School of Public Affairs Research Institute (SOPARI) of St. Cloud State University. All calculations and text are the result of work by SOPARI, which is solely responsible for errors and omissions herein.

Text authored by Professors King Banaian and Rich MacDonald of the Economics Department of St. Cloud State University. Research assistance provided by Alex Franta. Professor David Wall of the SCSU Geography Department provided GIS assistance.

Sources

Council for Community and Economic Research: Cost of Living Index.

Creighton University Heider College of Business: Minnesota Business Conditions Index, Rural MainStreet Index.

Federal Reserve Bank of Philadelphia: Minnesota Coincident Indicator Index, Minnesota Leading Indicators Index.

Federal Reserve Board of Governors: Industrial Production.

Institute for Supply Management: Manufacturing Business Survey, Purchasing Managers Index.

Metropolitan Airports Commission: MSP Enplanements.

Minnesota Department of Employment and Economic Development (and U.S. Department of Labor Bureau of Labor Statistics): Average Hourly Earnings, Average Weekly Work Hours, Employment, Initial Claims for Unemployment Insurance, Job Vacancies, Labor Force, Manufacturing Employment, Unemployment Rate.

Office of the Minnesota Secretary of State: Assumed Names, Business Incorporations, Limited Liability Companies, Non-Profits.

Standard & Poor's: Standard & Poor's 500 Stock Price Index.

Thomson Reuters and University of Michigan, Index of Consumer Sentiment

U.S. Bankruptcy Courts: Bankruptcies

U.S. Bureau of Census: Durable Goods Orders, Housing Permits, Residential Building Permits, Retail Sales.

U.S. Department of Agriculture: Milk Prices.

U.S. Department of Commerce Bureau of Economic Analysis: Real Personal Consumption, Real Personal Income, Real Wages and Salaries.

U.S. Energy Information Administration: Oil Prices.