Economics Group

Tim Quinlan, Economist tim.quinlan@wellsfargo.com • (704) 410-3283 Sarah Watt House, Economist sarah.house@wellsfargo.com • (704) 410-3282

Nice Bounce for Industrial Production

Industrial production surged 0.6 percent in February, led by a partial recovery in factory output after last month's drop. Motor vehicles led the charge, but again, the gains here only partially offset January declines.

Partial Reversal in Factory Sector, Strength in Mining

Manufacturing output is the primary component for this indicator, commanding three quarters of all industrial production. In January, this component dropped 0.9 percent, led lower by a drop-off in the production of motor vehicles and parts, which fell 5.2 percent in the month. So, the 0.8 percent bounce reported for February factory output is a welcome indication that this heavyweight component of industrial production is not down for the count. Mining output, which comprises about 15 percent of industrial production, improved for the second straight month.

The decline in motor vehicles and parts in January, which was partially offset in February, jives with total vehicle sales which fell to an annualized pace of 15.2 million in January before picking up to 15.3 million in February. Last year was the best year for auto sales since 2007, but the current pace is running well below the recent high of a 16.3 million pace hit in November. One of the big questions we have been getting recently involves whether or not we will see some "payback" for the lousy weather. If you needed a new car and decided that the middle of a blizzard was a bad time to go to the dealership, our guess is you will go back when the weather improves. In other words, auto sales is one area where we would expect to see payback, although auto sales were losing momentum before the wintry weather began in earnest.

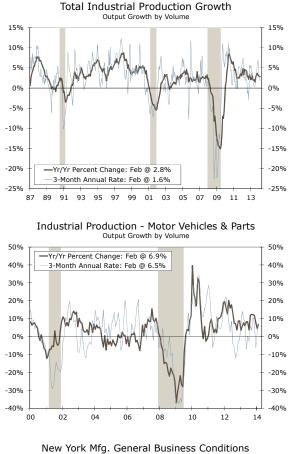
Weather Extremes Cancel Out for an "Average" Month

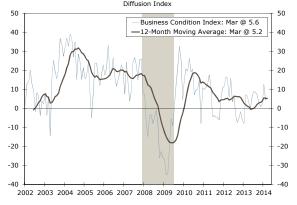
According to National Climatic Data Center, the average U.S. temperature was 32.2 degrees Fahrenheit in February, just 1.6 degrees below normal, and precipitation for the month was about average. This seems inconsistent with ubiquitous claims about excessive wintry weather, but it seems that extremes on both ends of the spectrum are canceling one another out. It is the warmest and the third driest winter on record in California, and the tundra is not so chilly in Alaska, which is experiencing the eighth warmest winter on record. Meanwhile, persistently cold temperatures in the East and Midwest froze 91 percent of the surface of the Great Lakes in February and a category three winter storm mid-month shuttered businesses and schools from the deep South to New England. Utilities output slipped 0.2 percent in February after surging 3.8 percent in January.

In our view, indicators like industrial production, inventories and factory orders need to be taken with a bag of rock salt until it is clear that supplychain disruptions are no longer influencing the data.

In a separate report this morning we learned that the New York Federal Reserve's Empire Manufacturing Index improved to 5.61 in March from 4.48 in February. This regional survey is well-positioned geographically to capture wintry weather effects, so the improvement here is heartening. We still look for slow steady growth in the factory sector in 2014.

Source: Federal Reserve System and Wells Fargo Securities, LLC





Wells Fargo Securities, LLC Economics Group

Diane Schumaker-Krieg	Global Head of Research, Economics & Strategy	(704) 410-1801 (212) 214-5070	diane.schumaker@wellsfargo.com
John E. Silvia, Ph.D.	Chief Economist	(704) 410-3275	john.silvia@wellsfargo.com
Mark Vitner	Senior Economist	(704) 410-3277	mark.vitner@wellsfargo.com
Jay H. Bryson, Ph.D.	Global Economist	(704) 410-3274	jay.bryson@wellsfargo.com
Sam Bullard	Senior Economist	(704) 410-3280	sam.bullard@wellsfargo.com
Nick Bennenbroek	Currency Strategist	(212) 214-5636	nicholas.bennenbroek@wellsfargo.com
Eugenio J. Alemán, Ph.D.	Senior Economist	(704) 410-3273	eugenio.j.aleman@wellsfargo.com
Anika R. Khan	Senior Economist	(704) 410-3271	anika.khan@wellsfargo.com
Azhar Iqbal	Econometrician	(704) 410-3270	azhar.iqbal@wellsfargo.com
Tim Quinlan	Economist	(704) 410-3283	tim.quinlan@wellsfargo.com
Eric Viloria, CFA	Currency Strategist	(212) 214-5637	eric.viloria@wellsfargo.com
Michael A. Brown	Economist	(704) 410-3278	michael.a.brown@wellsfargo.com
Sarah Watt House	Economist	(704) 410-3282	sarah.house@wellsfargo.com
Michael T. Wolf	Economist	(704) 410-3286	michael.t.wolf@wellsfargo.com
Zachary Griffiths	Economic Analyst	(704) 410-3284	zachary.griffiths@wellsfargo.com
Mackenzie Miller	Economic Analyst	(704) 410-3358	mackenzie.miller@wellsfargo.com
Blaire Zachary	Economic Analyst	(704) 410-3359	blaire.a.zachary@wellsfargo.com
Peg Gavin	Executive Assistant	(704) 410-3279	peg.gavin@wellsfargo.com
Cyndi Burris	Senior Admin. Assistant	(704) 410-3272	cyndi.burris@wellsfargo.com

Wells Fargo Securities Economics Group publications are produced by Wells Fargo Securities, LLC, a U.S broker-dealer registered with the U.S. Securities and Exchange Commission, the Financial Industry Regulatory Authority, and the Securities Investor Protection Corp. Wells Fargo Securities, LLC, distributes these publications directly and through subsidiaries including, but not limited to, Wells Fargo & Company, Wells Fargo Bank N.A., Wells Fargo Advisors, LLC, Wells Fargo Securities International Limited, Wells Fargo Securities Asia Limited and Wells Fargo Securities (Japan) Co. Limited. Wells Fargo Securities, LLC. ("WFS") is registered with the Commodities Futures Trading Commission as a futures commission merchant and is a member in good standing of the National Futures Association. Wells Fargo Bank, N.A. ("WFBNA") is registered with the Commodities Futures Trading Commission as a swap dealer and is a member in good standing of the National Futures Association. WFS and WFBNA are generally engaged in the trading of futures and derivative products, any of which may be discussed within this publication. Wells Fargo Securities, LLC does not compensate its research analysts based on specific investment banking transactions. Wells Fargo Securities, LLC's research analysts receive compensation that is based upon and impacted by the overall profitability and revenue of the firm which includes, but is not limited to investment banking revenue. The information and opinions herein are for general information use only. Wells Fargo Securities, LLC does not guarantee their accuracy or completeness, nor does Wells Fargo Securities, LLC assume any liability for any loss that may result from the reliance by any person upon any such information or opinions. Such information and opinions are subject to change without notice, are for general information only and are not intended as an offer or solicitation with respect to the purchase or sales of any security or as personalized investment advice. Wells Fargo Securities, LLC is a separate legal entity and distinct from affiliated banks and is a wholly owned subsidiary of Wells Fargo & Company © 2014 Wells Fargo Securities, LLC.

Important Information for Non-U.S. Recipients

For recipients in the EEA, this report is distributed by Wells Fargo Securities International Limited ("WFSIL"). WFSIL is a U.K. incorporated investment firm authorized and regulated by the Financial Conduct Authority. The content of this report has been approved by WFSIL a regulated person under the Act. For purposes of the U.K. Financial Conduct Authority's rules, this report constitutes impartial investment research. WFSIL does not deal with retail clients as defined in the Markets in Financial Instruments Directive 2007. The FCA rules made under the Financial Services and Markets Act 2000 for the protection of retail clients will therefore not apply, nor will the Financial Services Compensation Scheme be available. This report is not intended for, and should not be relied upon by, retail clients. This document and any other materials accompanying this document (collectively, the "Materials") are provided for general informational purposes only.

SECURITIES: NOT FDIC-INSURED/NOT BANK-GUARANTEED/MAY LOSE VALUE