



# Economics Group

**Tim Quinlan, Senior Economist**  
[tim.quinlan@wellsfargo.com](mailto:tim.quinlan@wellsfargo.com) • (704) 410-3283  
**Sarah House, Economist**  
[sarah.house@wellsfargo.com](mailto:sarah.house@wellsfargo.com) • (704) 410-4282

## Factory Orders Revisions Are Killing Outlook for Q1 Spending

*With prospects for only scant gains in first quarter equipment spending, today's report on the factory sector indicates an increased risk that equipment outlays will decline again in the first quarter.*

### Revisions Are Killing First Quarter Business Spending Estimates

We already knew from the last advance manufacturing report that durable goods orders dropped in February. The magnitude of that decline was revised to a larger 3.0 percent from 2.8 percent previously. More troubling is the fact that a lot of the downward revision showed up in non-defense capital goods, ex-aircraft. In the advance report, the dip for core capital goods orders was just 1.8 percent; today's report marked that down to a 2.5 percent drop. Shipments of core capital goods are a reliable bellwether for business spending in the GDP report. The three-month annualized rate of decline for core capital goods orders is now at 10.2 percent while shipments are now falling at a 7.7 percent clip.

Based on firming in the orders components of some of the purchasing manager surveys, many analysts penciled in modest improvement in first quarter business investment spending figures. Based on this latest read and downward revisions to previously reported figures, those estimates will likely be coming down, and with prior estimates already just barely positive, that likely means outright declines now for equipment outlays in the first quarter. Any expected firming based on the improvement in the PMIs is delayed until the second quarter.

### Inventories Still a Drag Too

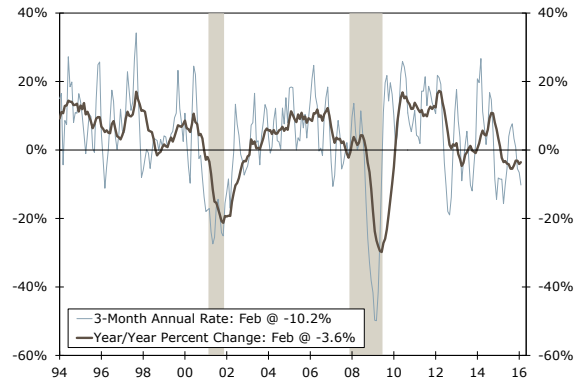
The inventory correction continues and that was evident in the 0.4 percent decline in factory inventories in February. This is consistent with our expectation that inventories will also be a drag on headline GDP growth again in the first quarter.

We have noted previously that manufacturers are doing a better job rightsizing production to a slower pace of demand. The inventory-to-shipments ratio held at 1.37 for the third straight month. Another piece of evidence to support this view is the fact that manufacturing payrolls have declined for the past two months. The net loss of 47,000 manufacturing jobs in the past two months alone has been overshadowed by stronger job growth in other industries, but it points to another challenge that the Fed will face as it tries to raise rates this year.

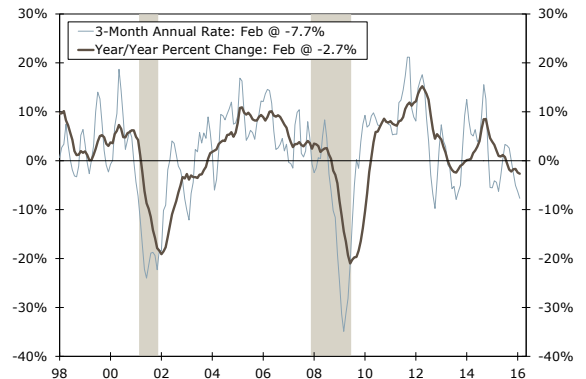
### A Springtime Thaw?

The turning of the calendar to 2016 did not change the downward momentum in the factory sector. But as winter turns to spring, some of the headwinds may be calming. The dollar remains strong, on balance, but relative to our major trading partners the greenback is actually down about 4.5 percent since January. Commodities are still depressed, but the CRB index has gained more than 8 percent since January. The return to expansion in a number of Fed surveys (New York, Philadelphia, Richmond) may reflect this relative improvement.

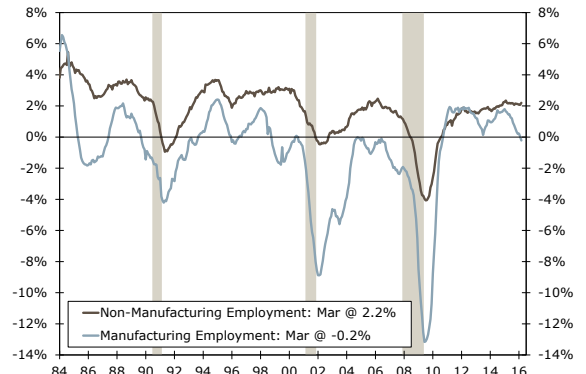
Nondefense Capital Goods Orders, Ex-Aircraft  
 Seasonally Adjusted, 3-Month Moving Averages



Core Capital Goods Shipments  
 SA, Nondefense, Excluding Aircraft, 3-Month Moving Averages



Manufacturing vs. Non-Manufacturing Jobs  
 Year-over-Year Percent Change



## 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
Anika R. Khan	Senior Economist	(704) 410-3271	anika.khan@wellsfargo.com
Eugenio J. Alemán, Ph.D.	Senior Economist	(704) 410-3273	eugenio.j.aleman@wellsfargo.com
Azhar Iqbal	Econometrician	(704) 410-3270	azhar.iqbal@wellsfargo.com
Tim Quinlan	Senior Economist	(704) 410-3283	tim.quinlan@wellsfargo.com
Eric Viloría, CFA	Currency Strategist	(212) 214-5637	eric.viloría@wellsfargo.com
Sarah House	Economist	(704) 410-3282	sarah.house@wellsfargo.com
Michael A. Brown	Economist	(704) 410-3278	michael.a.brown@wellsfargo.com
Erik Nelson	Economic Analyst	(704) 410-3267	erik.f.nelson@wellsfargo.com
Alex Moehring	Economic Analyst	(704) 410-3247	alex.v.moehring@wellsfargo.com
Misa Batcheller	Economic Analyst	(704) 410-3060	misa.n.batcheller@wellsfargo.com
Michael Pugliese	Economic Analyst	(704) 410-3156	michael.d.pugliese@wellsfargo.com
Julianne Causey	Economic Analyst	(704) 410-3281	julianne.causey@wellsfargo.com
Donna LaFleur	Executive Assistant	(704) 410-3279	donna.lafleur@wellsfargo.com
Dawne Howes	Administrative Assistant	(704) 410-3272	dawne.howes@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 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. is registered with the Commodities Futures Trading Commission as a swap dealer and is a member in good standing of the National Futures Association. Wells Fargo Securities, LLC. and Wells Fargo Bank, N.A. 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 © 2016 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

