

U.S. Economics Daily

Economics Summary

■ TODAY'S DEVELOPMENTS:

Retail Sales: Nominal retail sales rose a mild 0.1% in January as consumers managed to sustain their spending levels despite the 2% payroll tax hike. The slight rise was boosted by a 1.1% gain in general merchandise as consumers picked up post-Holiday bargains during the month.

■ TOMORROW'S DATA:

Initial Jobless Claims: Initial jobless claims probably fell by 6,000, but the four-week moving average edged higher. The average was dampened by two weeks of abnormally low first filings associated with seasonal adjustment idiosyncrasies.

Robert V DiClemente
+1-212-816-7942
robert.diclemente@citi.com

Steven C Wieting
steven.wieting@citi.com

Peter D'Antonio
peter.dantonio@citi.com

Malcolm D Spittler
malcolm.d.spittler@citi.com

Shawn Snyder
shawn.snyder@citi.com

Upcoming Releases of Economic Indicators

Date	Time	Report	Citi	Median	Low	High	Prior Report	2 Periods Ago
2/14	8:30	Initial Jobless Claims (9 Feb)	360K	360K	350K	375K	366K	371K
		Beneficiaries (2 Feb)	3.16M	3.21M	3.16M	3.22M	3.22M	3.22M
2/15	8:30	Empire State Manufacturing (Feb)		-2.0%	-6.8%	5.0%	-7.8%	-7.3%
	9:15	Industrial Production (Jan)	0.4%	0.2%	-0.3%	0.5%	0.3%	1.0%
		Capacity Utilization	79.1%	78.9%	78.0%	80.2%	78.8%	78.7%
	9:55	Reuters/Michigan Sentiment (FebP)	75.0	74.6	70.0	78.0	73.8	72.9

[Forecast Supplement: Week Ahead \(Feb. 11th to Feb. 15th\)](#)

Events

2/14 10:30 Fed Board Member Tarullo testifies before the Senate on regulation.
12:50 St. Louis Fed President Bullard to speak on the economy in Mississippi.
2/15 9:50 Cleveland Fed President Pinalto speaks on the economy in Ft. Myers, Florida.

Sources: Bloomberg and Citi Research.

See Appendix A-1 for Analyst Certification, Important Disclosures and non-US research analyst disclosures.

Citi Research is a division of Citigroup Global Markets Inc. (the "Firm"), which does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the Firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

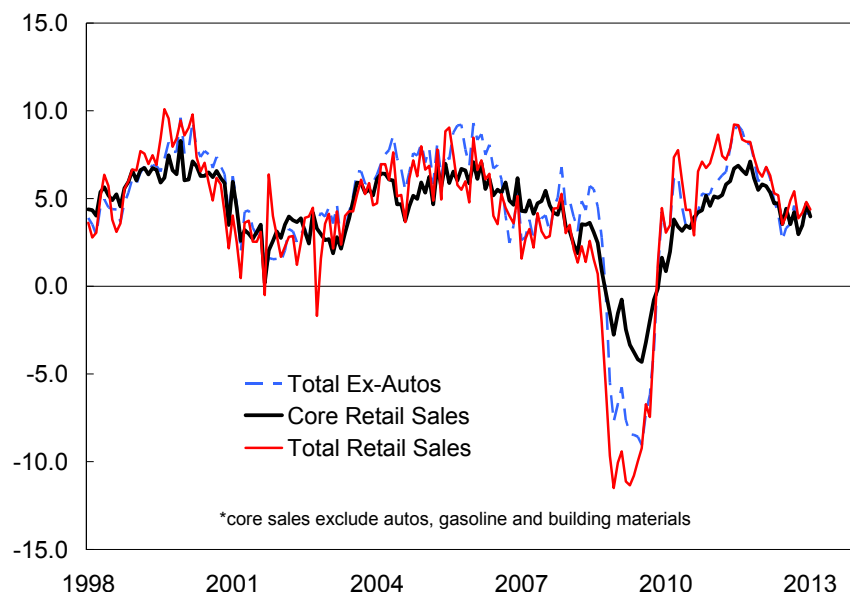
U.S. Economics Daily

Today's Developments

Nominal retail sales rose a mild 0.1% in January as consumers managed to sustain their spending levels despite the 2% payroll tax hike. The slight rise was boosted by a 1.1% gain in general merchandise as consumers picked up post-Holiday bargains during the month.

Other details of the report were fairly muted with most categories showing either slight gains or slight declines. Auto dealerships reported a 0.1% decline in sales, close to our expectations. Retail sales excluding autos rose 0.2% and are up 3.6% year-on-year (see Figure 1).

Figure 1. Total Retail Sales, Sales Ex-Autos, and Core Sales, Y/Y%



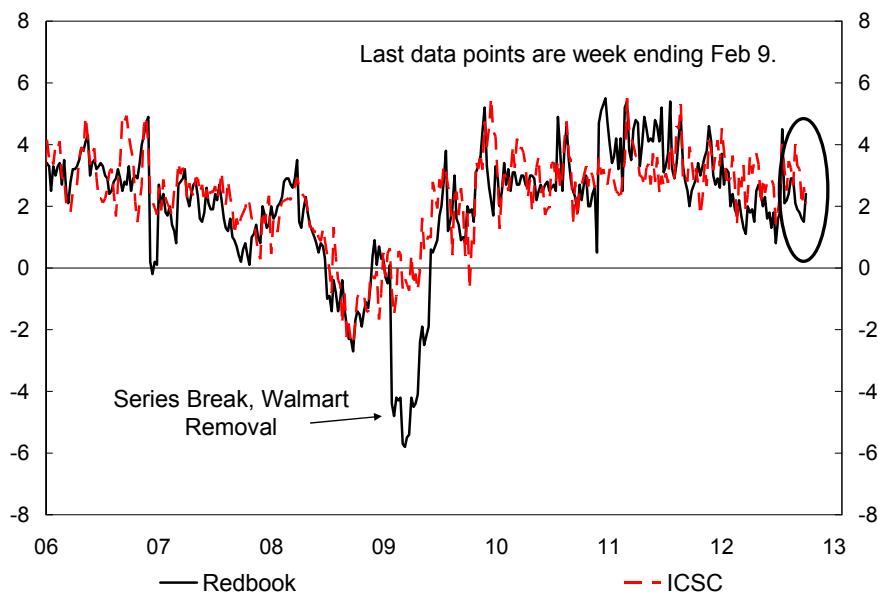
Sources: Census Bureau and Citi Research.

Core retail sales, which excludes autos, gasoline, and building materials, also rose 0.1% with slight upward revisions to December and November. The January sales pace maintained a large portion of the year-end momentum with sales 3.3% higher at an annualized rate than the fourth quarter. Folding in the revisions, core retail sales finished the fourth quarter 4.5% higher at an annualized rate than in the third quarter.

We think that consumers simply holding their spending at the current levels in the face of the tax increases is a sign of underlying strength. We will continue to look for evidence of tax pressure in the weekly chain store sales measures.

While there had been some mild deceleration in January, the latest weekly chain store sales data in February appear to show signs of sales stabilizing at a slightly lower level (see Figure 2).

Figure 2. Weekly General Merchandise Same Store Sales, Y/Y%



Sources: ICSC and Johnson Redbook.

Separately, import prices rose 0.6% in January on higher fuel costs and prices paid for industrial supplies. Excluding petroleum, prices rose a more subdued 0.1%.

Lastly, business inventories grew just 0.1% in December, the slowest pace since June 2012. Lean inventories should set the stage for a pickup in production during the first quarter, even as consumers potentially retrench following the payroll tax hike.

Tomorrow's Data

Initial Jobless Claims: Initial jobless claims probably fell by 6,000, but the four-week moving average edged higher. The average was dampened by two weeks of abnormally low first filings associated with seasonal adjustment idiosyncrasies. The average likely is returning to the 360,000-range of December. Separately, the number of beneficiaries tumbled by 64,000. This figure is at the low end of a relatively narrow range of around 3.2M. This measure, along with the insured rate, has been little changed over the past four months, signaling no large movements in the civilian unemployment rate near term.

Weekly Jobless Claims (Thousands), 5 Jan 13 – 9 Feb 13E

Source:	9-Feb	2-Feb	26-Jan	19-Jan	12-Jan	5-Jan
Initial Claims	360	366	371	330	335	375
4-Week Average	357	350	353	352	360	367
Beneficiaries		3160	3224	3216	3175	3228
4-Week Average		3194	3211	3197	3202	3210
Insured Unemp Rate (%)		2.5	2.5	2.5	2.5	2.5

Sources: Department of Labor and Citi Research and Citi Research.

Data Developments This Week

Date	Time	Economic Indicator	Actual	Citi	Market	Prior
2/13	8:30	Import Price Index (Jan)	0.7%	0.6%	0.8%	-0.5%
		Ex Petroleum	0.1%	0.0%		0.2%
		Retail Sales (Jan)	0.1%	0.2%	0.1%	0.5%
		Ex Autos	0.2%	0.3%	0.1%	0.3%
2/12	14:00	Federal Budget Balance (Jan)	\$2.9B	-\$2.0B	-\$5.0B	-\$27.4B

Sources: Bloomberg and Citi Research.

Recent Research

Date Publications

- 02/08/13 [U.S. Economics Weekly: Market and Policy Comments: Sorting Fiscal Threats Near and Far](#)
- 02/07/13 [Empirical & Thematic Perspectives: Are the Euro-Area Countries an Optimal Monetary and Currency Zone? A Comparison with U.S. Federal Reserve Districts](#)
- 02/04/13 [U.S. Macro Focus: U.S. Budget Outlook: Spending Isn't the Only Problem](#)
- 02/01/13 [U.S. Economics Weekly: Market and Policy Comments: Healthier Than The Headlines](#)
- 01/25/13 [U.S. Economics Weekly: Market and Policy Comments: Policy Tailwinds Forming](#)
- 01/23/13 [Global Economic Outlook and Strategy: January 2013](#)
- 01/18/13 [U.S. Economics Weekly: Market and Policy Comments: Upgraded Outlook Defies Uncertainties](#)
- 01/18/13 [Inside the S&P 500: Raising S&P 500 EPS Forecast as US Growth Outlook Tilts Higher](#)
- 01/14/13 [Morning Comments: Macro EPS Brief: With 4Qs Biased Down, Strength Would Impress](#)
- 01/11/13 [U.S. Economics Weekly: Market and Policy Comments: Raising First Half Growth Estimates](#)
- 01/07/13 [Morning Comments: More Resilient Than Expected Through Cliff Conflict. Now What?](#)
- 01/04/13 [U.S. Economics Weekly: Market and Policy Comments: Hope and Small Change](#)
- 01/02/13 [U.S. Macro Focus: Bare "Cliff Avoidance," Budget Agony to Continue](#)
- 12/20/12 [Does Size Really Matter? The Evolving Role of Small Firms in the U.S. Economy \(Video with Nathan Sheets\)](#)

Source: Citi Research.

February-March 2013

Monday	Tuesday	Wednesday	Thursday	Friday
4 Factory Orders Ord. Inv. Nov -0.3% 0.0% Dec 1.8% 0.1% Auction 3 & 6 Mth. Bills \$60.0B	5 ISM Non-Manufacturing PMI Prices Dec 55.7 56.1 Jan 55.2 58.0 Auction 1 Mth. Bill: \$45.0B	6 Mortgage Applications Ann. 3-Yr. Note: \$32.0B Ann. 10-Yr. Note: \$24.0B Ann. 30-Yr. Bond: \$16.0B	7 Jobless Claims 2/2 366 Thous Nonfarm Productivity Prod. ULC 3Q12F 3.2% -2.3% 4Q12P -2.0% 4.5% Consumer Credit Nov \$15.9 Dec \$14.6B	8 International Trade Balance Nov -\$48.6B Dec -\$38.5B Wholesale Inventories Nov 0.4% Dec -0.1%
11 Auction 3 & 6 Mth. Bills \$62.0B(E) Mortgage Delinquencies (4Q) (TBA)	12 Small Business Survey Federal Budget Balance Jan 12 -\$27.4B Jan 13(E) -\$2.0B Auction 3-Yr. Note: \$32.0B(E) Auction 1 Mth. Bill: \$45.0B(E)	13 Mortgage Applications Import Price Index Total ExPetro Dec -0.1% 0.1% Jan(E) 0.6% 0.0% Retail Sales Total ExAuto Dec 0.5% 0.3% Jan(E) 0.2% 0.3% Business Inventories Nov 0.2% Dec(E) 0.1% Auction 10-Yr. Note: \$24.0B(E)	14 Jobless Claims 2/9 360 Thous(E) Ann 30-Yr. TIPS: \$9.0B(E) Auction 30-Yr. Bond: \$16.0B(E)	15 Empire State Manufacturing Jan -7.8% Feb(E) Industrial Prod. & Cap. Util. Dec 0.3% 78.8% Jan(E) 0.4% 79.1% Reuters/Michigan Sentiment JanF 73.8 FebP(E) 75.0
18 President's Day NYSE Holiday Federal Gov't Holiday	19 Housing Market Index Jan 47 Feb(E) Auction 3 & 6 Mth. Bills \$66.0B(E)	20 Mortgage Applications Producer Price Index Total ExF&E Dec -0.2% 0.1% Jan(E) Housing Starts and Permits Dec 954K 909K Jan(E) FOMC Minutes Released Auction 1 Mth. Bill: \$45.0B(E)	21 Jobless Claims 2/16 Consumer Price Index Total ExF&E Dec 0.0% 0.1% Jan(E) Existing Home Sales Dec 4.94M Jan(E) Philly Outlook Survey Jan -5.8% Feb(E) Leading Indicators Dec 0.5% Jan(E) Real Earnings (Jan) FHFA Ann. 2-Yr. Note: \$35.0B(E) Ann. 5-Yr. Note: \$35.0B(E) Ann. 7-Yr. Bond: \$29.0B(E) Auction 30-Yr. TIPS: \$14.0B(E)	22
25 Auction 3 & 6 Mth. Bills \$68.0B(E) Auction 2-Yr. Note: \$35.0B(E)	26 S&P/CaseShiller (Nov) FHFA (Dec) New Home Sales Dec 369K Jan(E) Consumer Confidence Jan 58.6 Dec(E) Auction 1 Mth. Bill: \$45.0B Auction 5-Yr. Note: \$35.0B(E)	27 Mortgage Applications Durable Goods Orders Total ExTrans Dec 4.3% 1.0% Jan(E) Pending Home Sales (Dec) Farm Prices (Feb) Beige Book Auction 7-Yr. Note: \$29.0B(E)	28 Jobless Claims 2/23 GDP & Chain Price Index 4Q 12A -0.1% 0.6% 4Q 12P(E) Chicago Barometer PMI Prices Jan 55.6 60.7 Feb(E)	Mar 1 Pers. Income & Consumption Dec 2.6% 0.2% Jan(E) Reuters/Michigan Sentiment FebP(E) 75.0 FebF(E) Construction PIP Dec 0.9% Jan(E) ISM Manufacturing PMI Prices Jan 53.1 56.5 Feb(E) Total Vehicle Sales Jan 15.2M Feb(E)

(E) Indicates Citigroup estimates. (A) Advance. (P) Preliminary. (F) Final. (UNCH) Unchanged. (R) Revised. Contributors: Martha Berasain and Cathy Gaeta.

Appendix A-1

Analyst Certification

The research analyst(s) primarily responsible for the preparation and content of this research report are named in bold text in the author block at the front of the product except for those sections where an analyst's name appears in bold alongside content which is attributable to that analyst. Each of these analyst(s) certify, with respect to the section(s) of the report for which they are responsible, that the views expressed therein accurately reflect their personal views about each issuer and security referenced and were prepared in an independent manner, including with respect to Citigroup Global Markets Inc and its affiliates. No part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) expressed by that research analyst in this report.

IMPORTANT DISCLOSURES

Analysts' compensation is determined based upon activities and services intended to benefit the investor clients of Citigroup Global Markets Inc. and its affiliates ("the Firm"). Like all Firm employees, analysts receive compensation that is impacted by overall firm profitability which includes investment banking revenues.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Research product ("the Product"), please contact Citi Research, 388 Greenwich Street, 28th Floor, New York, NY, 10013, Attention: Legal/Compliance [E6WYB6412478]. In addition, the same important disclosures, with the exception of the Valuation and Risk assessments and historical disclosures, are contained on the Firm's disclosure website at https://www.citivelocity.com/cvr/eppublic/citi_research_disclosures. Valuation and Risk assessments can be found in the text of the most recent research note/report regarding the subject company. Historical disclosures (for up to the past three years) will be provided upon request.

NON-US RESEARCH ANALYST DISCLOSURES

Non-US research analysts who have prepared this report (i.e., all research analysts listed below other than those identified as employed by Citigroup Global Markets Inc.) are not registered/qualified as research analysts with FINRA. Such research analysts may not be associated persons of the member organization and therefore may not be subject to the NYSE Rule 472 and NASD Rule 2711 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account. The legal entities employing the authors of this report are listed below:

Citigroup Global Markets Inc

Robert V DiClemente; Steven C Wieting; Peter D'Antonio; Malcolm D Spittler; Shawn Snyder

OTHER DISCLOSURES

For securities recommended in the Product in which the Firm is not a market maker, the Firm is a liquidity provider in the issuers' financial instruments and may act as principal in connection with such transactions. The Firm is a regular issuer of traded financial instruments linked to securities that may have been recommended in the Product. The Firm regularly trades in the securities of the issuer(s) discussed in the Product. The Firm may engage in securities transactions in a manner inconsistent with the Product and, with respect to securities covered by the Product, will buy or sell from customers on a principal basis.

Securities recommended, offered, or sold by the Firm: (i) are not insured by the Federal Deposit Insurance Corporation; (ii) are not deposits or other obligations of any insured depository institution (including Citibank); and (iii) are subject to investment risks, including the possible loss of the principal amount invested. Although information has been obtained from and is based upon sources that the Firm believes to be reliable, we do not guarantee its accuracy and it may be incomplete and condensed. Note, however, that the Firm has taken all reasonable steps to determine the accuracy and completeness of the disclosures made in the Important Disclosures section of the Product. The Firm's research department has received assistance from the subject company(ies) referred to in this Product including, but not limited to, discussions with management of the subject company(ies). Firm policy prohibits research analysts from sending draft research to subject companies. However, it should be presumed that the author of the Product has had discussions with the subject company to ensure factual accuracy prior to publication. All opinions, projections and estimates constitute the judgment of the author as of the date of the Product and these, plus any other information contained in the Product, are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice. Notwithstanding other departments within the Firm advising the companies discussed in this Product, information obtained in such role is not used in the preparation of the Product. Although Citi Research does not set a predetermined frequency for publication, if the Product is a fundamental research report, it is the intention of Citi Research to provide research coverage of the/those issuer(s) mentioned therein, including in response to news affecting this issuer, subject to applicable quiet periods and capacity constraints. The Product is for informational purposes only and is not intended as an offer or solicitation for the purchase or sale of a security. Any decision to purchase securities mentioned in the Product must take into account existing public information on such security or any registered prospectus.

Investing in non-U.S. securities, including ADRs, may entail certain risks. The securities of non-U.S. issuers may not be registered with, nor be subject to the reporting requirements of the U.S. Securities and Exchange Commission. There may be limited information available on foreign securities. Foreign companies are generally not subject to uniform audit and reporting standards, practices and requirements comparable to those in the U.S. Securities of some foreign companies may be less liquid and their prices more volatile than securities of comparable U.S. companies. In addition, exchange rate movements may have an adverse effect on the value of an investment in a foreign stock and its corresponding dividend payment for U.S. investors. Net dividends to ADR investors are estimated, using withholding tax rates conventions, deemed accurate, but investors are urged to consult their tax advisor for exact dividend computations. Investors who have received the Product from the Firm may be prohibited in certain states or other jurisdictions from purchasing securities mentioned in the Product from the Firm. Please ask your Financial Consultant for additional details. Citigroup Global Markets Inc. takes responsibility for the Product in the United States. Any orders by US investors resulting from the information contained in the Product may be placed only through Citigroup Global Markets Inc.

Important Disclosures for Morgan Stanley Smith Barney LLC Customers: Morgan Stanley & Co. LLC (Morgan Stanley) research reports may be available about the companies that are the subject of this Citi Research research report. Ask your Financial Advisor or use smithbarney.com to view any available Morgan Stanley research reports in addition to Citi Research research reports.

Important disclosure regarding the relationship between the companies that are the subject of this Citi Research research report and Morgan Stanley Smith Barney LLC and its affiliates are available at the Morgan Stanley Smith Barney disclosure website at www.morganstanleysmithbarney.com/researchdisclosures.

For Morgan Stanley and Citigroup Global Markets, Inc. specific disclosures, you may refer to www.morganstanley.com/researchdisclosures and https://www.citivelocity.com/cvr/eppublic/citi_research_disclosures.

This Citi Research research report has been reviewed and approved on behalf of Morgan Stanley Smith Barney LLC. This review and approval was conducted by the same person who reviewed this research report on behalf of Citi Research. This could create a conflict of interest.

The Citigroup legal entity that takes responsibility for the production of the Product is the legal entity which the first named author is employed by.

The Product is made available in **Australia** through Citi Global Markets Australia Pty Ltd. (ABN 64 003 114 832 and AFSL No. 240992), participant of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Australia to Private Banking wholesale clients through Citigroup Pty Limited (ABN 88 004 325 080 and AFSL 238098). Citigroup Pty Limited provides all financial product advice to Australian Private Banking wholesale clients through bankers and relationship managers. If there is any doubt about the suitability of investments held in Citigroup Private Bank accounts, investors should contact the Citigroup Private Bank in Australia. Citigroup companies may compensate affiliates and their representatives for providing products and services to clients. The Product is made available in **Brazil** by Citigroup Global Markets Brasil - CCTVM SA, which is regulated by CVM - Comissão de Valores Mobiliários, BACEN - Brazilian Central Bank, APIMEC - Associação dos Analistas e Profissionais de Investimento do Mercado de Capitais and ANBID - Associação Nacional dos Bancos de Investimento. Av. Paulista, 1111 - 11º andar - CEP. 01311920 - São Paulo - SP. If the Product is being made available in certain provinces of **Canada** by Citigroup Global Markets (Canada) Inc. ("CGM Canada"), CGM Canada has approved the Product. Citigroup Place, 123 Front Street West, Suite 1100, Toronto, Ontario M5J 2M3. This product is available in **Chile** through Banchile Corredores de Bolsa S.A., an indirect subsidiary of Citigroup Inc., which is regulated by the Superintendencia de Valores y Seguros. Agustinas 975, piso 2, Santiago, Chile. The Product is made available in **France** by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 1-5 Rue Paul Cézanne, 8ème, Paris, France. The Product is distributed in **Germany** by Citigroup Global Markets Deutschland AG ("CGMD"), which is regulated by Bundesanstalt fuer Finanzdienstleistungsaufsicht (BaFin). CGMD, Reuterweg 16, 60323 Frankfurt am Main. Research which relates to "securities" (as defined in the Securities and Futures Ordinance (Cap. 571 of the Laws of Hong Kong)) is issued in **Hong Kong** by, or on behalf of, Citigroup Global Markets Asia Limited which takes full responsibility for its content. Citigroup Global Markets Asia Ltd. is regulated by Hong Kong Securities and Futures Commission. If the Research is made available through Citibank, N.A., Hong Kong Branch, for its clients in Citi Private Bank, it is made available by Citibank N.A., Citibank Tower, Citibank Plaza, 3 Garden Road, Hong Kong. Citibank N.A. is regulated by the Hong Kong Monetary Authority. Please contact your Private Banker in Citibank N.A., Hong Kong, Branch if you have any queries on or any matters arising from or in connection with this document. The Product is made available in **India** by Citigroup Global Markets India Private Limited, which is regulated by Securities and Exchange Board of India. Bakhtawar, Nariman Point, Mumbai 400-021. The Product is made available in **Indonesia** through PT Citigroup Securities Indonesia. 5/F, Citibank Tower, Bapindo Plaza, Jl. Jend. Sudirman Kav. 54-55, Jakarta 12190. Neither this Product nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable capital market laws and regulations. This Product is not an offer of securities in Indonesia. The securities referred to in this Product have not been registered with the Capital Market and Financial Institutions Supervisory Agency (BAPEPAM-LK) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market laws and regulations. The Product is made available in **Israel** through Citibank NA, regulated by the Bank of Israel and the Israeli Securities Authority. Citibank, N.A. Platinum Building, 21 Ha'arba'ah St, Tel Aviv, Israel. The Product is made available in **Italy** by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. Via dei Mercanti, 12, Milan, 20121, Italy. The Product is made available in **Japan** by Citigroup Global Markets Japan Inc. ("CGMJ"), which is regulated by Financial Services Agency, Securities and Exchange Surveillance Commission, Japan Securities Dealers Association, Tokyo Stock Exchange and Osaka Securities Exchange. Shin-Marunouchi Building, 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6520 Japan. If the Product was distributed by SMBC Nikko Securities Inc. it is being so distributed under license. In the event that an error is found in an CGMJ research report, a revised version will be posted on the Firm's Citi Velocity website. If you have questions regarding Citi Velocity, please call (81 3) 6270-3019 for help. The Product is made available in **Korea** by Citigroup Global Markets Korea Securities Ltd., which is regulated by the Financial Services Commission, the Financial Supervisory Service and the Korea Financial Investment Association (KOFIA). Citibank Building, 39 Da-dong, Jung-gu, Seoul 100-180, Korea. KOFIA makes available registration information of research analysts on its website. Please visit the following website if you wish to find KOFIA registration information on research analysts of Citigroup Global Markets Korea Securities Ltd. <http://dis.kofia.or.kr/fs/dis2/fundMgr/DISFundMgrAnalystPop.jsp?companyCd=A03030&pageDiv=02>. The Product is made available in Korea by Citibank Korea Inc., which is regulated by the Financial Services Commission and the Financial Supervisory Service. Address is Citibank Building, 39 Da-dong, Jung-gu, Seoul 100-180, Korea. The Product is made available in **Malaysia** by Citigroup Global Markets Malaysia Sdn Bhd (Company No. 460819-D) ("CGMM") to its clients and CGMM takes responsibility for its contents. CGMM is regulated by the Securities Commission of Malaysia. Please contact CGMM at Level 43 Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur, Malaysia in respect of any matters arising from, or in connection with, the Product. The Product is made available in **Mexico** by Acciones y Valores Banamex, S.A. De C. V., Casa de Bolsa, Integrante del Grupo Financiero Banamex ("Accival") which is a wholly owned subsidiary of Citigroup Inc. and is regulated by Comisión Nacional Bancaria y de Valores. Reforma 398, Col. Juárez, 06600 Mexico, D.F. In **New Zealand** the Product is made available to 'wholesale clients' only as defined by s5C(1) of the Financial Advisers Act 2008 ("FAA") through Citigroup Global Markets Australia Pty Ltd (ABN 64 003 114 832 and AFSL No. 240992), an overseas financial adviser as defined by the FAA, participant of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in **Pakistan** by Citibank N.A. Pakistan branch, which is regulated by the State Bank of Pakistan and Securities Exchange Commission, Pakistan. AWT Plaza, 1.1. Chundrigar Road, P.O. Box 4889, Karachi-74200. The Product is made available in the **Philippines** through Citicorp Financial Services and Insurance Brokerage Philippines, Inc., which is regulated by the Philippines Securities and Exchange Commission. 20th Floor Citibank Square Bldg. The Product is made available in the Philippines through Citibank NA Philippines branch, Citibank Tower, 8741 Paseo De Roxas, Makati City, Manila. Citibank NA Philippines NA is regulated by The Bangko Sentral ng Pilipinas. The Product is made available in **Poland** by Dom Maklerski Banku Handlowego SA an indirect subsidiary of Citigroup Inc., which is regulated by Komisja Nadzoru Finansowego. Dom Maklerski Banku Handlowego S.A. ul.Senatorska 16, 00-923 Warszawa. The Product is made available in the **Russian Federation** through ZAO Citibank, which is licensed to carry out banking activities in the Russian Federation in accordance with the general banking license issued by the Central Bank of the Russian Federation and brokerage activities in accordance with the license issued by the Federal Service for Financial Markets. Neither the Product nor any

information contained in the Product shall be considered as advertising the securities mentioned in this report within the territory of the Russian Federation or outside the Russian Federation. The Product does not constitute an appraisal within the meaning of the Federal Law of the Russian Federation of 29 July 1998 No. 135-FZ (as amended) On Appraisal Activities in the Russian Federation. 8-10 Gasheka Street, 125047 Moscow. The Product is made available in **Singapore** through Citigroup Global Markets Singapore Pte. Ltd. ("CGMSPL"), a capital markets services license holder, and regulated by Monetary Authority of Singapore. Please contact CGMSPL at 8 Marina View, 21st Floor Asia Square Tower 1, Singapore 018960, in respect of any matters arising from, or in connection with, the analysis of this document. This report is intended for recipients who are accredited, expert and institutional investors as defined under the Securities and Futures Act (Cap. 289). The Product is made available by The Citigroup Private Bank in Singapore through Citibank, N.A., Singapore Branch, a licensed bank in Singapore that is regulated by Monetary Authority of Singapore. Please contact your Private Banker in Citibank N.A., Singapore Branch if you have any queries on or any matters arising from or in connection with this document. This report is intended for recipients who are accredited, expert and institutional investors as defined under the Securities and Futures Act (Cap. 289). This report is distributed in Singapore by Citibank Singapore Ltd ("CSL") to selected Citigold/Citigold Private Clients. CSL provides no independent research or analysis of the substance or in preparation of this report. Please contact your Citigold/Citigold Private Client Relationship Manager in CSL if you have any queries on or any matters arising from or in connection with this report. This report is intended for recipients who are accredited investors as defined under the Securities and Futures Act (Cap. 289). Citigroup Global Markets (Pty) Ltd. is incorporated in the **Republic of South Africa** (company registration number 2000/025866/07) and its registered office is at 145 West Street, Sandton, 2196, Saxonwold. Citigroup Global Markets (Pty) Ltd. is regulated by JSE Securities Exchange South Africa, South African Reserve Bank and the Financial Services Board. The investments and services contained herein are not available to private customers in South Africa. The Product is made available in **Spain** by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 29 Jose Ortega Y Gasset, 4th Floor, Madrid, 28006, Spain. The Product is made available in the **Republic of China** through Citigroup Global Markets Taiwan Securities Company Ltd. ("CGMTS"), 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan and/or through Citibank Securities (Taiwan) Company Limited ("CSTL"), 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan, subject to the respective license scope of each entity and the applicable laws and regulations in the Republic of China. CGMTS and CSTL are both regulated by the Securities and Futures Bureau of the Financial Supervisory Commission of Taiwan, the Republic of China. No portion of the Product may be reproduced or quoted in the Republic of China by the press or any third parties [without the written authorization of CGMTS and CSTL]. If the Product covers securities which are not allowed to be offered or traded in the Republic of China, neither the Product nor any information contained in the Product shall be considered as advertising the securities or making recommendation of the securities in the Republic of China. The Product is for informational purposes only and is not intended as an offer or solicitation for the purchase or sale of a security or financial products. Any decision to purchase securities or financial products mentioned in the Product must take into account existing public information on such security or the financial products or any registered prospectus. The Product is made available in **Thailand** through Citicorp Securities (Thailand) Ltd., which is regulated by the Securities and Exchange Commission of Thailand. 18/F, 22/F and 29/F, 82 North Sathorn Road, Silom, Bangrak, Bangkok 10500, Thailand. The Product is made available in **Turkey** through Citibank AS which is regulated by Capital Markets Board. Tekfen Tower, Eski Buyukdere Caddesi # 209 Kat 2B, 23294 Levent, Istanbul, Turkey. In the **U.A.E.**, these materials (the "Materials") are communicated by Citigroup Global Markets Limited, DIFC branch ("CGML"), an entity registered in the Dubai International Financial Center ("DIFC") and licensed and regulated by the Dubai Financial Services Authority ("DFS") to Professional Clients and Market Counterparties only and should not be relied upon or distributed to Retail Clients. A distribution of the different Citi Research ratings distribution, in percentage terms for Investments in each sector covered is made available on request. Financial products and/or services to which the Materials relate will only be made available to Professional Clients and Market Counterparties. The Product is made available in **United Kingdom** by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. This material may relate to investments or services of a person outside of the UK or to other matters which are not regulated by the FSA and further details as to where this may be the case are available upon request in respect of this material. Citigroup Centre, Canada Square, Canary Wharf, London, E14 5LB. The Product is made available in **United States** by Citigroup Global Markets Inc, which is a member of FINRA and registered with the US Securities and Exchange Commission. 388 Greenwich Street, New York, NY 10013. Unless specified to the contrary, within EU Member States, the Product is made available by Citigroup Global Markets Limited, which is regulated by Financial Services Authority.

Pursuant to Comissão de Valores Mobiliários Rule 483, Citi is required to disclose whether a Citi related company or business has a commercial relationship with the subject company. Considering that Citi operates multiple businesses in more than 100 countries around the world, it is likely that Citi has a commercial relationship with the subject company.

Many European regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of investment research. The policy applicable to Citi Research's Products can be found at https://www.citivelocity.com/cvr/eppublic/citi_research_disclosures.

Compensation of equity research analysts is determined by equity research management and Citigroup's senior management and is not linked to specific transactions or recommendations.

The Product may have been distributed simultaneously, in multiple formats, to the Firm's worldwide institutional and retail customers. The Product is not to be construed as providing investment services in any jurisdiction where the provision of such services would not be permitted.

Subject to the nature and contents of the Product, the investments described therein are subject to fluctuations in price and/or value and investors may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Certain investments contained in the Product may have tax implications for private customers whereby levels and basis of taxation may be subject to change. If in doubt, investors should seek advice from a tax adviser. The Product does not purport to identify the nature of the specific market or other risks associated with a particular transaction. Advice in the Product is general and should not be construed as personal advice given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs. Prior to acquiring any financial product, it is the client's responsibility to obtain the relevant offer document for the product and consider it before making a decision as to whether to purchase the product. With the exception of our product that is made available only to Qualified Institutional Buyers (QIBs) and other product that is made available through other distribution channels only to certain categories of clients to satisfy legal or regulatory requirements, Citi Research concurrently disseminates its research via proprietary and non-proprietary electronic distribution platforms. Periodically, individual Citi Research analysts may also opt to circulate research posted on such platforms to one or more clients by email. Such email distribution is discretionary and is done only after the research has been disseminated via the aforementioned distribution channels. Citi Research simultaneously distributes product that is limited to QIBs only through email distribution.

The level and types of services provided by Citi Research analysts to clients may vary depending on various factors such as the client's individual

preferences as to the frequency and manner of receiving communications from analysts, the client's risk profile and investment focus and perspective (e.g. market-wide, sector specific, long term, short-term etc.), the size and scope of the overall client relationship with Citi and legal and regulatory constraints. Citi Research product may source data from dataCentral. dataCentral is a Citi Research proprietary database, which includes Citi estimates, data from company reports and feeds from Reuters and Datastream.

© 2013 Citigroup Global Markets Inc. Citi Research is a division of Citigroup Global Markets Inc. Citi and Citi with Arc Design are trademarks and service marks of Citigroup Inc. and its affiliates and are used and registered throughout the world. All rights reserved. Any unauthorized use, duplication, redistribution or disclosure of this report (the "Product"), including, but not limited to, redistribution of the Product by electronic mail, posting of the Product on a website or page, and/or providing to a third party a link to the Product, is prohibited by law and will result in prosecution. The information contained in the Product is intended solely for the recipient and may not be further distributed by the recipient to any third party. Where included in this report, MSCI sourced information is the exclusive property of Morgan Stanley Capital International Inc. (MSCI). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, disseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI, Morgan Stanley Capital International and the MSCI indexes are services marks of MSCI and its affiliates. The Firm accepts no liability whatsoever for the actions of third parties. The Product may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the Product refers to website material of the Firm, the Firm has not reviewed the linked site. Equally, except to the extent to which the Product refers to website material of the Firm, the Firm takes no responsibility for, and makes no representations or warranties whatsoever as to, the data and information contained therein. Such address or hyperlink (including addresses or hyperlinks to website material of the Firm) is provided solely for your convenience and information and the content of the linked site does not in anyway form part of this document. Accessing such website or following such link through the Product or the website of the Firm shall be at your own risk and the Firm shall have no liability arising out of, or in connection with, any such referenced website.

ADDITIONAL INFORMATION IS AVAILABLE UPON REQUEST
