Nomura Individual Investor Survey

January 2012

5 January 2012

Equity Research Department
Nomura Securities Co., Ltd.

The Nomura Individual Investor Survey is a monthly survey conducted with the aim of better understanding investing activity by individuals and providing information on related trends.

Please note that from next month we will issue the survey around the middle of each month.

1. Survey overview

(1) Nomura I-View Index at 40.6, up 4.2pt from previous survey

The Nomura Individual Investor Market View Index (Nomura I-View Index), based on respondents' three-month outlook for share prices and calculated by subtracting the percentage of responses for "fall" from that for "rise" was 40.6, up 4.2pt from 36.4 the previous month. The index turned upward for the first time in five months, reflecting an increase in the number of individual investors expecting share prices to rise. The proportion of respondents expecting a "rise of about 1,000 points" increased by 3.0ppt from the previous survey, the largest increase among all possible responses, and this response again accounted for more than 50% of all responses.

(2) Reduced focus on forex trends

Respondents were asked to select the factor most likely to impact the stock market in the next three months. International affairs was again the most popular response, and the m-m increase in the proportion of respondents selecting it was the largest among all categories. Forex trends was again the second most popular response, although its response rate fell 3.6ppt, the largest decrease for any of the factors. The ranking order of all factors has remained unchanged since September.

(3) Automobiles sector gains in appeal

We calculated a diffusion index for each sector by subtracting the percentage of responses for "unappealing" from that for "appealing." For the fifth straight month, the DI was highest for pharmaceuticals. Financials remained the least appealing sector, although its DI turned upward m-m. The largest decline in DI this month was for consumer goods. The largest increase was for the automobiles sector, which saw its DI rise by 5.9pt m-m, although it remained in negative territory.

(4) Rising expectations of yen depreciation versus US dollar

On the outlook for the USD/JPY rate over the next three months, the total percentage of respondents expecting the yen to weaken against the dollar increased to 50.4%, from 43.3% last month. The percentage of respondents selecting "fall of about ¥5 against the dollar" increased by 6.3ppt m-m, the largest rise among all responses. At the same time, response rates declined in all categories that projected the yen would strengthen against the dollar.

(5) Views of euro improve

Respondents were asked to choose one currency as an "appealing" investment target and one as "unappealing." We calculated a diffusion index for each currency by subtracting the percentage of responses for "unappealing" from that for "appealing." The Australian dollar was the most appealing currency for the 24th straight time since this survey question was introduced in January 2010 (no survey was conducted in April 2011), though its DI declined from the previous month. The DI for the US dollar rose 5.1pt m-m and was in positive territory for the first time since June 2010. The euro's DI remained the lowest among all currencies, although it rose by 5.2pt m-m, the largest gain of any currency and its first rise in four months.

(6) Increased appetite for investment in equities

To give an indication of plans for holding financial instruments, we calculate DIs for each financial instrument by subtracting the percentage of respondents planning to cease holding the instrument or decrease their holding from the percentage planning to hold the instrument for the first time or increase their holding. The DI for equities this month was 17.5, up 5.6pt m-m—the largest rise among all financial instruments.

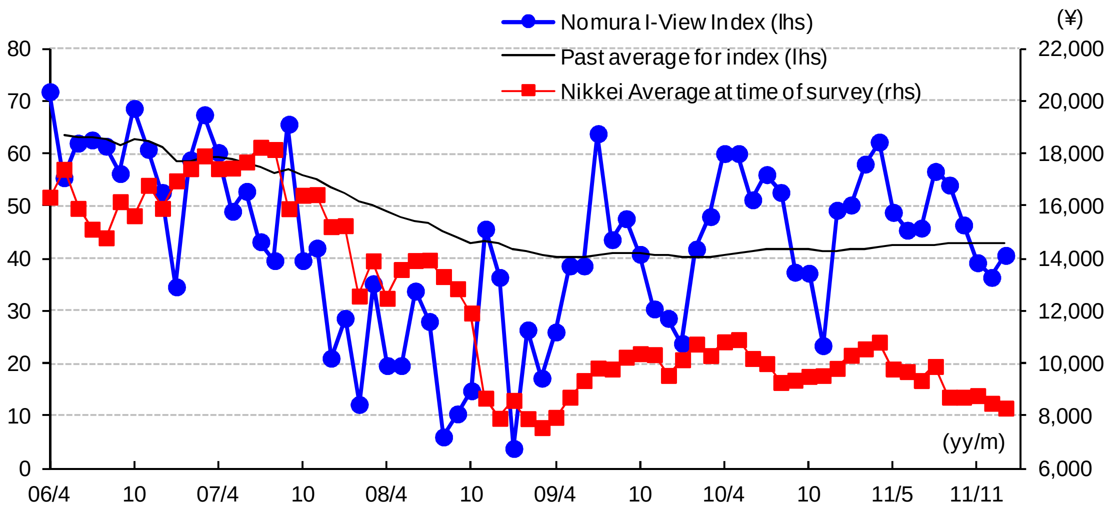
2. Survey results

(1) Nomura I-View Index at 40.6, up 4.2pt from previous survey

The Nomura Individual Investor Market View Index (Nomura I-View Index), based on respondents' three-month outlook for share prices and calculated by subtracting the percentage of responses for "fall" from that for "rise" was 40.6, up 4.2pt from 36.4 the previous month. The index turned upward for the first time in five months, reflecting an increase in the number of individual investors expecting stock prices to rise. The index remained below its historical average (Figure 1).

The Nikkei Average reference level (19 December close) was 8,296, down from the time of the previous survey (17 November close of 8,479).

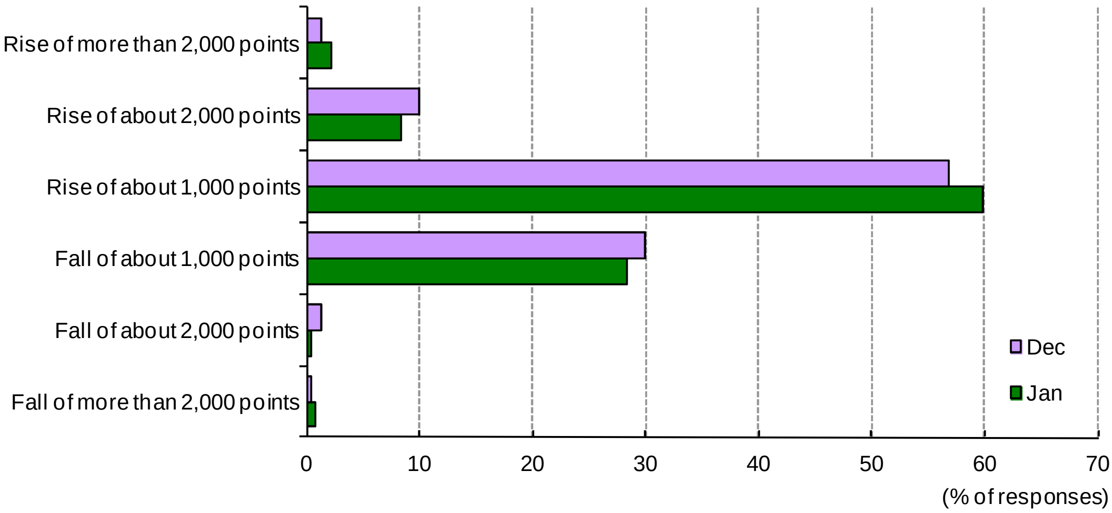
1. The Nomura I-View Index and reference level of Nikkei Average at time of survey



Note: (1) The Nomura I-View Index is based on data collected by this survey and expressed as a diffusion index. The calculation method is as follows: [(Number of responses indicating expected rise in share prices in the next three months) minus (number of responses indicating expected fall in share prices in the next three months) divided by number of respondents] X 100. The figure for January 2010 used here excludes respondents who projected the Nikkei Average would be flat.
(2) The Nomura I-View Index ranges from –100 to +100. The closer to +100 the figure is, the more bullish the outlook held by individual investors. The closer to –100 the figure is, the more bearish the outlook held by individual investors.

The combined proportion of respondents projecting the Nikkei Average would rise over the next three months was 70.3%, up 2.1ppt from 68.2% last month. The proportion of respondents expecting a "rise of about 1,000 points" increased by 3.0ppt from the previous survey, the largest increase among all responses, and this response again accounted for more than 50% of all responses. Response rates in other categories saw only small changes (Figure 2).

2. Outlook for Nikkei Average during the next three months

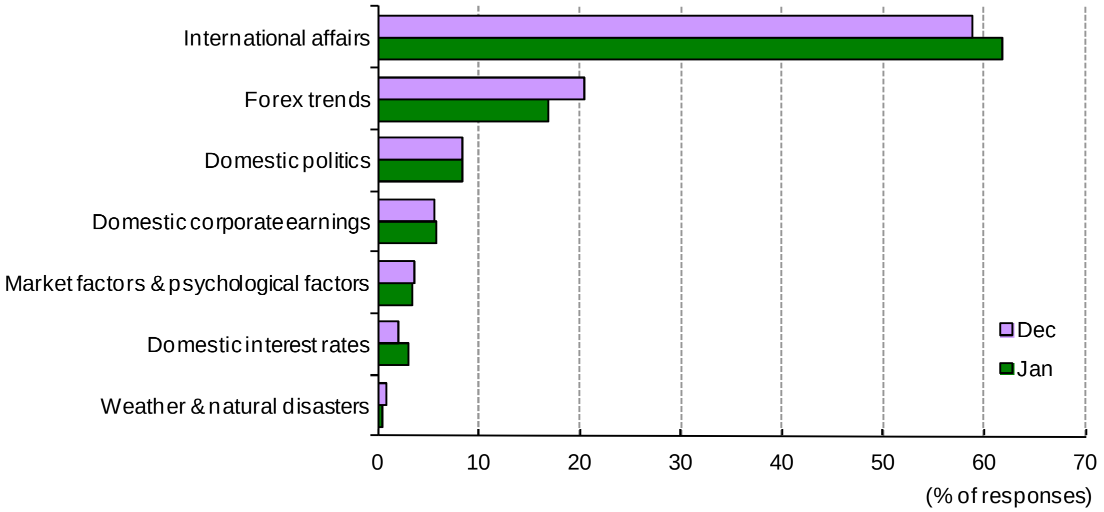


Note: Respondents were asked to share their outlook for the Nikkei Average during the next three months based on a 19 December closing figure of 8,296. Respondents could choose one answer from a possible six responses ranging from a rise of more than 2,000 points to a fall of more than 2,000 points with 1,000-point increments in between.

(2) Reduced focus on forex trends

Respondents were asked to select the factor most likely to impact the stock market in the next three months. International affairs was again the most popular response, and the 2.9ppt m-m rise in the proportion of respondents selecting it was the largest increase among all categories. The percentage of respondents selecting international affairs was at its highest level ever. Forex trends was again the second most popular response, although the proportion selecting it fell 3.6ppt, the largest decrease for any of the factors. Changes in response rates for other factors were relatively small. The ranking of all factors has remained unchanged since September (Figure 3).

3. Impact of factors on the stock market



Note: Respondents were asked to choose one answer from a possible seven responses concerning factors likely to impact the stock market over the next three months or so.

(3) Increase in appeal of automobiles sector

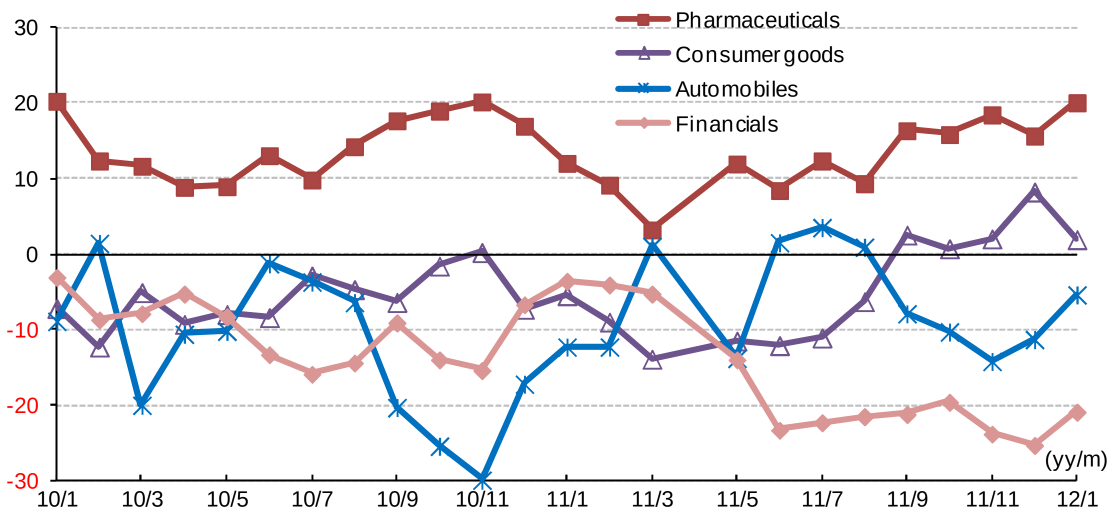
We calculated a diffusion index for each sector by subtracting the percentage of responses for "unappealing" from that for "appealing." Pharmaceuticals was the most appealing sector for the fifth straight month, with a DI of 20.1, up 4.4pt from last month. Financials remained the least appealing sector, although its DI turned upward with a rise of 4.4pt m-m. Among all the sectors, the largest decline was for consumer goods, which had seen a sharp rise in the previous month. Its DI fell 6.3pt m-m. The largest increase was for the automobiles sector, which for which the DI rose 5.9pt m-m, although it remained in negative territory (Figures 4, 5).

4. Investment appeal by sector

Sector	DI	Breakdown of DI (% of responses)		(Ref) Previous DI
		Appealing	Unappealing	
Pharmaceuticals	20.1	21.6	1.5	15.7
Materials	9.6	15.0	5.4	11.1
Telecommunications	5.9	9.7	3.8	6.6
Capital goods/other	4.4	10.9	6.5	7.7
Consumer goods	2.0	13.6	11.6	8.3
Electrical equipment/precision equipment	-3.1	7.5	10.6	-3.5
Automobiles	-5.3	11.3	16.6	-11.2
Transportation and utilities	-12.8	4.6	17.4	-9.5
Financials	-20.8	5.8	26.6	-25.2

Note: Respondents were given nine sectors and asked to choose one viewed as an appealing investment target and one viewed as unappealing. For each sector we calculated a diffusion index by subtracting the percentage of responses for unappealing from that for appealing. The materials sector comprises mining, textiles, paper & pulp, chemicals, oil, ceramics, steel, nonferrous metals, and trading houses. The financials sector comprises banks, miscellaneous finance, securities, and insurance. The capital goods/others sector comprises construction, machinery, shipbuilding, transportation equipment, miscellaneous manufacturing, and real estate. The transportation and utilities sector comprises railroads & buses, trucking, shipping, airlines, warehousing, electric power, and gas. The consumer goods sector comprises marine products, food, retail, and services.

5. Trend in DIs for selected sectors



(4) Most-watched stocks

Respondents were asked to name one stock that they would like to have in their portfolio, irrespective of short- or long-term investment horizon (including stocks actually held) or that they find appealing. We show the most popular responses below (Figure 6).

6. Name a stock with appeal (1,000 valid responses)

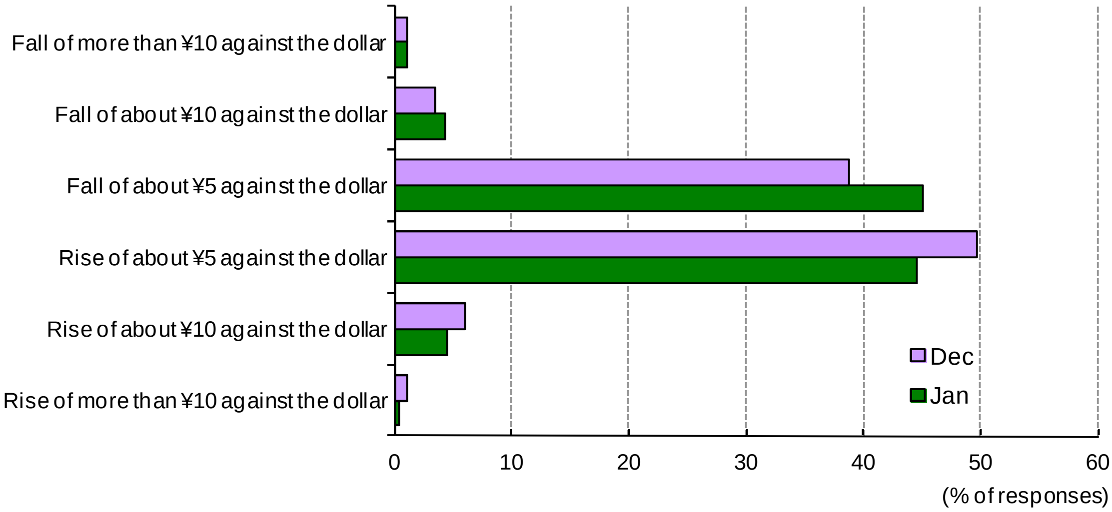
Code	Company	No. of respondents	Code	Company	No. of respondents
7203	Toyota Motor	65	4755	Rakuten	11
4502	Takeda Pharmaceutical	51	9202	All Nippon Airways	11
9984	Softbank	29	7751	Canon	10
6758	Sony	19	9432	Nippon Telegraph and Telephone	10
8411	Mizuho Financial Group	19	2811	Kagome	9
9437	NTT Docomo	19	6301	Komatsu	9
8267	Aeon	18	4503	Astellas Pharma	8
8306	Mitsubishi UFJ Financial Group	16	6501	Hitachi	8
2702	McDonald's Holdings (Japan)	15	7733	Olympus	8
5401	Nippon Steel	15	8031	Mitsui & Co	8
3402	Toray Industries	14	9501	Tokyo Electric Power	8
4523	Eisai	13	4543	Terumo	7
7201	Nissan Motor	13	4751	CyberAgent	7
7267	Honda Motor	13	6753	Sharp	7
8058	Mitsubishi Corp	13	9433	KDDI	7
4661	Oriental Land	11	9983	Fast Retailing	7

Note: Not included in valid responses were answers of “none” or clearly mistaken responses.

(5) Rising expectations of yen depreciation versus US dollar

On the outlook for the USD/JPY rate over the next three months, the total percentage of respondents expecting the yen to weaken against the dollar increased to 50.4%, from 43.3% last month. The percentage of respondents selecting "fall of about ¥5 against the dollar" increased by 6.3ppt m-m, the largest rise among all responses. At the same time, response rates fell m-m in all categories projecting the yen would strengthen against the dollar. The biggest decline in response rate (-5.0ppt) was for a "rise of about ¥5 against the dollar" (Figure 7). At the time of the latest survey (19 December), the noon indicative USD/JPY rate was 77.91, which means that the yen was slightly weaker compared with the previous survey's 77.04 (17 November).

7. Respondents' three-month outlook for the US$/¥ rate



Note: Respondents were asked to share their outlook for the USD/JPY rate during the next three months, referencing a 19 December indicative rate of US$1=¥77.91. Respondents could choose one answer from a possible six responses ranging from a rise of ¥10 or more against the dollar to a fall of ¥10 or more against the dollar, with ¥5 increments in between.

(6) Views of euro improve

Respondents were asked to choose one currency as an "appealing" investment target and one as "unappealing." We calculated a diffusion index for each currency by subtracting the percentage of responses for "unappealing" from that for "appealing." The Australian dollar was the most appealing currency for the 24th straight time since this survey question was introduced in January 2010 (no survey was conducted in April 2011), though its DI declined to 30.9, from 32.3 the previous month. The DI for the US dollar rose 5.1pt m-m to 0.2—its first move into positive territory since June 2010. The euro's DI remained the lowest among all currencies, although it rose 5.2pt m-m, the largest gain of any currency and its first rise in four months. The largest decline was for the Chinese renminbi, which saw its DI drop by 8.4pt m-m (Figure 8).

8. Investment appeal by currency

Currency	DI	Breakdown of DI (% of responses)		(Ref) Previous DI
		Appealing	Unappealing	
Australian dollar	30.9	32.1	1.2	32.3
Japanese yen	16.5	24.3	7.8	13.8
Brazilian real	5.6	9.9	4.3	9.0
Canadian dollar	2.4	2.8	0.4	2.1
US dollar	0.2	13.2	13.0	-4.9
Pound sterling	0.1	2.3	2.2	-0.9
Chinese renminbi	-9.9	9.4	19.3	-1.5
Euro	-47.8	3.6	51.4	-53.0

Note: Respondents were given nine currency options and asked to choose one viewed as an appealing investment target and one viewed as unappealing. Those selecting “other” were asked to specify a currency.

(7) Increased appetite for investment in equities

To give an indication of plans for holding financial instruments, we calculate DIs for each financial instrument by subtracting the percentage of respondents planning to cease holding the instrument or decrease their holding from the percentage planning to hold the instrument for the first time or increase their holding. DIs rose from prior-month levels for all financial instruments except investment trusts. The DI for equities this month climbed 5.6pt m-m—the largest rise among all categories (Figure 9).

9. Financial instruments for which investors are either seeking to increase or decrease their holdings

Currency	DI	Breakdown of DI (% of responses)		(Ref) Previous DI
		Plan to increase	Plan to decrease	
Cash & deposits	44.4	47.1	2.7	39.9
Equities	17.5	40.8	23.3	11.9
Securities issued overseas	8.2	10.8	2.6	4.9
Bonds	6.9	9.7	2.8	5.3
Other	2.0	2.2	0.2	1.6
Investment trusts	0.6	16.4	15.8	2.1
None	-32.8	30.2	63.0	-26.5

Note: Respondents were given a selection of seven financial instruments and asked to choose those for which they planned to increase their holdings and those for which they planned to decrease their holdings (multiple responses were allowed). In the exhibit, "plan to increase" refers to financial instruments that investors plan to hold for the first time or for which they plan to increase their holding, while "plan to decrease" refers to instruments that investors plan to cease holding or for which they plan to decrease their holding.

3. Nomura Individual Investor Survey

With the aim of better understanding investing activity by individuals and providing information on those trends, the Equity Research Department of Nomura Securities conducts a monthly survey—the Nomura Individual Investor Survey. The results of the survey have been published monthly since April 2006.

Survey method: Questionnaire conducted electronically using the internet monitor questionnaire service administered by Nomura Investor Relations Co., Ltd.

Survey target: Survey sent to 3,000 individual investors randomly selected from the approximately 11,800 with equity investment experience participating in Nomura Investor Relations' internet monitor questionnaire service.

Number of responses: 1,000 (survey closed when 1,000 responses received)

Survey period: Survey distributed on 19 December with deadline for responses on 20 December.

Survey content: Questions included each month are (1) share price outlook, (2) factors expected to impact the stock market, (3) attractive sectors and stocks, (4) USD/JPY rate outlook and attractive currencies, and (5) financial instruments for which investors plan to change their holdings. Respondents are also queried each month on their personal profiles.

4. Nomura Individual Investor Survey (January 2012) respondents

Gender: Male (77.2%), Female (22.8%)

Age: Under 30 (0.6%), 30–39 (12.0%), 40–49 (27.8%), 50–59 (30.4%), 60 and above (29.2%)

Occupation: Self-employed/fisheries, agriculture, forestry (11.2%), Professional (physician/medical professional, lawyer, etc) (2.5%), Company management/corporate officer (5.7%), Company employee/public servant (45.3%), Housewife (12.3%), Part-time worker/casual worker/job-hopper (5.4%), Unemployed/pensioner (15.5%), Other (2.1%)

Region: Kanto (45.6%), Kinki (20.8%), Tokai/Koshinetsu/Hokuriku (16.9%), Hokkaido/Tohoku (5.6%), Chugoku/Shikoku/Kyushu (11.1%)

Financial assets held: Less than ¥1,000,000 (5.6%), ¥1,000,000–¥2,999,999 (10.1%), ¥3,000,000–¥4,999,999 (12.8%), ¥5,000,000–¥9,999,999 (18.5%), ¥10,000,000–¥29,999,999 (30.6%), ¥30,000,000–¥49,999,999 (10.2%), ¥50,000,000 or more (12.2%)

Value of domestic stocks held: Less than ¥500,000 (11.6%), ¥500,000–¥999,999 (13.2%), ¥1,000,000–¥2,999,999 (25.2%), ¥3,000,000–¥4,999,999 (17.0%), ¥5,000,000–¥9,999,999 (15.6%), ¥10,000,000–¥29,999,999 (12.7%), ¥30,000,000 or more (4.7%)

Investment experience: Less than three years (2.0%), Three years to less than five years (7.9%), Five years to less than 10 years (29.4%), 10 years to less than 20 years (32.0%), 20 years or more (28.7%)

Investment plan for domestic stocks: Mainly for long-term holding (46.5%), Pursuit of gains from short-term appreciation (11.9%), Pursuit of dividends and shareholder perks (27.9%), No particular plan (13.7%)

Notice

The next Nomura Individual Investor Survey (February 2012) is scheduled for release on Wednesday, 15 February 2012.

Any Authors named on this report are Research Analysts unless otherwise indicated

Important Disclosures

Conflict-of-interest disclosures

Important disclosures may be accessed through the following website:
http://go.nomuranow.com/research/globalresearchportal/pages/disclosures/disclosures.aspx . If you have difficulty with this site or you do not have a password, please contact your Nomura Securities International, Inc. salesperson (1-877-865-5752) or email grpsupport-eu@nomura.com for assistance.

Online availability of research and conflict-of-interest disclosures

Nomura research is available on www.nomuranow.com, Bloomberg, Capital IQ, Factset, MarkitHub, Reuters and ThomsonOne.
Important disclosures may be read at http://go.nomuranow.com/research/globalresearchportal/pages/disclosures/disclosures.aspx/ or requested from Nomura Securities International, Inc., on 1-877-865-5752. If you have any difficulties with the website, please email grpsupport-eu@nomura.com for help.

The analysts responsible for preparing this report have received compensation based upon various factors including the firm's total revenues, a portion of which is generated by Investment Banking activities. Unless otherwise noted, the non-US analysts listed at the front of this report are not registered/qualified as research analysts under FINRA/NYSE rules, may not be associated persons of NSI, and may not be subject to FINRA Rule 2711 and NYSE Rule 472 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

Industry Specialists identified in some Nomura International plc research reports are employees within the Firm who are responsible for the sales and trading effort in the sector for which they have coverage. Industry Specialists do not contribute in any manner to the content of research reports in which their names appear. *Marketing Analysts* identified in some Nomura research reports are research analysts employed by Nomura International plc who are primarily responsible for marketing Nomura's Equity Research product in the sector for which they have coverage. Marketing Analysts may also contribute to research reports in which their names appear and publish research on their sector.

Distribution of ratings (US)

The distribution of all ratings published by Nomura US Equity Research is as follows:
39% have been assigned a Buy rating which, for purposes of mandatory disclosures, are classified as a Buy rating; 8% of companies with this rating are investment banking clients of the Nomura Group*.
54% have been assigned a Neutral rating which, for purposes of mandatory disclosures, is classified as a Hold rating; 3% of companies with this rating are investment banking clients of the Nomura Group*.
7% have been assigned a Reduce rating which, for purposes of mandatory disclosures, are classified as a Sell rating; 0% of companies with this rating are investment banking clients of the Nomura Group*.
As at 30 September 2011. **The Nomura Group as defined in the Disclaimer section at the end of this report.*

Distribution of ratings (Global)

The distribution of all ratings published by Nomura Global Equity Research is as follows:
49% have been assigned a Buy rating which, for purposes of mandatory disclosures, are classified as a Buy rating; 41% of companies with this rating are investment banking clients of the Nomura Group*.
41% have been assigned a Neutral rating which, for purposes of mandatory disclosures, is classified as a Hold rating; 50% of companies with this rating are investment banking clients of the Nomura Group*.
10% have been assigned a Reduce rating which, for purposes of mandatory disclosures, are classified as a Sell rating; 20% of companies with this rating are investment banking clients of the Nomura Group*.
As at 30 September 2011. **The Nomura Group as defined in the Disclaimer section at the end of this report.*

Explanation of Nomura's equity research rating system in Europe, Middle East and Africa, US and Latin America

The rating system is a relative system indicating expected performance against a specific benchmark identified for each individual stock. Analysts may also indicate absolute upside to target price defined as (fair value - current price)/current price, subject to limited management discretion. In most cases, the fair value will equal the analyst's assessment of the current intrinsic fair value of the stock using an appropriate valuation methodology such as discounted cash flow or multiple analysis, etc.

STOCKS

A rating of '**Buy**', indicates that the analyst expects the stock to outperform the Benchmark over the next 12 months. A rating of '**Neutral**', indicates that the analyst expects the stock to perform in line with the Benchmark over the next 12 months. A rating of '**Reduce**', indicates that the analyst expects the stock to underperform the Benchmark over the next 12 months. A rating of '**Suspended**', indicates that the rating, target price and estimates have been suspended temporarily to comply with applicable regulations and/or firm policies in certain circumstances including, but not limited to, when Nomura is acting in an advisory capacity in a merger or strategic transaction involving the company.
Benchmarks are as follows: **United States/Europe**: Please see valuation methodologies for explanations of relevant benchmarks for stocks (accessible through the left hand side of the Nomura Disclosure web page: http://go.nomuranow.com/research/globalresearchportal);**Global Emerging Markets (ex-Asia):** MSCI Emerging Markets ex-Asia, unless otherwise stated in the valuation methodology.

SECTORS

A '**Bullish'** stance, indicates that the analyst expects the sector to outperform the Benchmark during the next 12 months. A '**Neutral'** stance, indicates that the analyst expects the sector to perform in line with the Benchmark during the next 12 months. A '**Bearish'** stance, indicates that the analyst expects the sector to underperform the Benchmark during the next 12 months.
Benchmarks are as follows: **United States**: S&P 500; **Europe**: Dow Jones STOXX 600; **Global Emerging Markets (ex-Asia)**: MSCI Emerging Markets ex-Asia.

Explanation of Nomura's equity research rating system for Asian companies under coverage ex Japan published from 30 October 2008 and in Japan from 6 January 2009

STOCKS

Stock recommendations are based on absolute valuation upside (downside), which is defined as (Target Price - Current Price) / Current Price, subject to limited management discretion. In most cases, the Target Price will equal the analyst's 12-month intrinsic valuation of the stock, based on an appropriate valuation methodology such as discounted cash flow, multiple analysis, etc.

A '**Buy'** recommendation indicates that potential upside is 15% or more. A '**Neutral'** recommendation indicates that potential upside is less than 15% or downside is less than 5%. A '**Reduce'** recommendation indicates that potential downside is 5% or more. A rating of '**Suspended'** indicates that the rating and target price have been suspended temporarily to comply with applicable regulations and/or firm policies in certain circumstances including when Nomura is acting in an advisory capacity in a merger or strategic transaction involving the subject company.

Securities and/or companies that are labelled as '**Not rated'** or shown as '**No rating'** are not in regular research coverage of the Nomura entity identified in the top banner. Investors should not expect continuing or additional information from Nomura relating to such securities and/or companies.

SECTORS

A '**Bullish'** rating means most stocks in the sector have (or the weighted average recommendation of the stocks under coverage is) a positive absolute recommendation. A '**Neutral'** rating means most stocks in the sector have (or the weighted average recommendation of the stocks under coverage is) a neutral absolute recommendation. A '**Bearish'** rating means most stocks in the sector have (or the weighted average recommendation of the stocks under coverage is) a negative absolute recommendation.

Explanation of Nomura's equity research rating system in Japan published prior to 6 January 2009

STOCKS

A rating of '1' or '**Strong buy'**, indicates that the analyst expects the stock to outperform the Benchmark by 15% or more over the next six months. A rating of '2' or '**Buy'**, indicates that the analyst expects the stock to outperform the Benchmark by 5% or more but less than 15% over the next six months. A rating of '3' or '**Neutral'**, indicates that the analyst expects the stock to either outperform or underperform the Benchmark by less than 5% over the next six months. A rating of '4' or '**Reduce'**, indicates that the analyst expects the stock to underperform the Benchmark by 5% or more but less than 15% over the next six months. A rating of '5' or '**Sell'**, indicates that the analyst expects the stock to underperform the Benchmark by 15% or more over the next six months.

Stocks labeled '**Not rated'** or shown as '**No rating'** are not in Nomura's regular research coverage. Nomura might not publish additional research reports concerning this company, and it undertakes no obligation to update the analysis, estimates, projections, conclusions or other information contained herein.

SECTORS

A '**Bullish'** stance, indicates that the analyst expects the sector to outperform the Benchmark during the next six months. A '**Neutral'** stance, indicates that the analyst expects the sector to perform in line with the Benchmark during the next six months. A '**Bearish'** stance, indicates that the analyst expects the sector to underperform the Benchmark during the next six months.

Benchmarks are as follows: **Japan**: TOPIX; **United States**: S&P 500, MSCI World Technology Hardware & Equipment; **Europe**, by sector - *Hardware/Semiconductors*: FTSE W Europe IT Hardware; *Telecoms*: FTSE W Europe Business Services; *Business Services*: FTSE W Europe; *Auto & Components*: FTSE W Europe Auto & Parts; *Communications equipment*: FTSE W Europe IT Hardware; **Ecology Focus**: Bloomberg World Energy Alternate Sources; **Global Emerging Markets**: MSCI Emerging Markets ex-Asia.

Target Price

A Target Price, if discussed, reflect in part the analyst's estimates for the company's earnings. The achievement of any target price may be impeded by general market and macroeconomic trends, and by other risks related to the company or the market, and may not occur if the company's earnings differ from estimates.

Disclaimers

This document contains material that has been prepared by the Nomura entity identified at the top or bottom of page 1 herein, if any, and/or, with the sole or joint contributions of one or more Nomura entities whose employees and their respective affiliations are specified on page 1 herein or identified elsewhere in the document. Affiliates and subsidiaries of Nomura Holdings, Inc. (collectively, the 'Nomura Group'), include: Nomura Securities Co., Ltd. ('NSC') Tokyo, Japan; Nomura International plc ('NIplc'), UK; Nomura Securities International, Inc. ('NSI'), New York, US; Nomura International (Hong Kong) Ltd. ('NIHK'), Hong Kong; Nomura Financial Investment (Korea) Co., Ltd. ('NFIK'), Korea (Information on Nomura analysts registered with the Korea Financial Investment Association ('KOFIA') can be found on the KOFIA Intranet at http://dis.kofia.or.kr); Nomura Singapore Ltd. ('NSL'), Singapore (Registration number 197201440E, regulated by the Monetary Authority of Singapore); Capital Nomura Securities Public Company Limited ('CNS'), Thailand; Nomura Australia Ltd. ('NAL'), Australia (ABN 48 003 032 513), regulated by the Australian Securities and Investment Commission ('ASIC') and holder of an Australian financial services licence number 246412; P.T. Nomura Indonesia ('PTNI'), Indonesia; Nomura Securities Malaysia Sdn. Bhd. ('NSM'), Malaysia; Nomura International (Hong Kong) Ltd., Taipei Branch ('NITB'), Taiwan; Nomura Financial Advisory and Securities (India) Private Limited ('NFASL'), Mumbai, India (Registered Address: Ceejay House, Level 11, Plot F, Shivsagar Estate, Dr. Annie Besant Road, Worli, Mumbai- 400 018, India; Tel: +91 22 4037 4037, Fax: +91 22 4037 4111; SEBI Registration No: BSE INB011299030, NSE INB231299034, INF231299034, INE 231299034, MCX: INE261299034); Banque Nomura France ('BNF'), regulated by the Autorité des marches financiers and the Autorité de Contrôle Prudentiel; NIplc, Dubai Branch ('NIplc, Dubai'); NIplc, Madrid Branch ('NIplc, Madrid') and NIplc, Italian Branch ('NIplc, Italy').

This material is: (i) for your private information, and we are not soliciting any action based upon it; (ii) not to be construed as an offer to sell or a solicitation of an offer to buy any security in any jurisdiction where such offer or solicitation would be illegal; and (iii) based upon information from sources that we consider reliable, but has not been independently verified by Nomura Group.

Nomura Group does not warrant or represent that the document is accurate, complete, reliable, fit for any particular purpose or merchantable and does not accept liability for any act (or decision not to act) resulting from use of this document and related data. To the maximum extent permissible all warranties and other assurances by Nomura group are hereby excluded and Nomura Group shall have no liability for the use, misuse, or distribution of this information.

Opinions or estimates expressed are current opinions as of the original publication date appearing on this material and the information, including the opinions and estimates contained herein, are subject to change without notice. Nomura Group is under no duty to update this document. Any comments or statements made herein are those of the author(s) and may differ from views held by other parties within Nomura Group. Clients should consider whether any advice or recommendation in this report is suitable for their particular circumstances and, if appropriate, seek professional advice, including tax advice. Nomura Group does not provide tax advice.

Nomura Group, and/or its officers, directors and employees, may, to the extent permitted by applicable law and/or regulation, deal as principal, agent, or otherwise, or have long or short positions in, or buy or sell, the securities, commodities or instruments, or options or other derivative instruments based thereon, of issuers or securities mentioned herein. Nomura Group companies may also act as market maker or liquidity provider (as defined

within Financial Services Authority ('FSA') rules in the UK) in the financial instruments of the issuer. Where the activity of market maker is carried out in accordance with the definition given to it by specific laws and regulations of the US or other jurisdictions, this will be separately disclosed within the specific issuer disclosures.
This document may contain information obtained from third parties, including ratings from credit ratings agencies such as Standard & Poor's. Reproduction and distribution of third party content in any form is prohibited except with the prior written permission of the related third party. Third party content providers do not guarantee the accuracy, completeness, timeliness or availability of any information, including ratings, and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such content. Third party content providers give no express or implied warranties, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use. Third party content providers shall not be liable for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or profits and opportunity costs) in connection with any use of their content, including ratings. Credit ratings are statements of opinions and are not statements of fact or recommendations to purchase hold or sell securities. They do not address the suitability of securities or the suitability of securities for investment purposes, and should not be relied on as investment advice.
Any MSCI sourced information in this document is the exclusive property of MSCI Inc. ('MSCI'). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, re-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 and the MSCI indexes are services marks of MSCI and its affiliates.
Investors should consider this document as only a single factor in making their investment decision and, as such, the report should not be viewed as identifying or suggesting all risks, direct or indirect, that may be associated with any investment decision. Nomura Group produces a number of different types of research product including, among others, fundamental analysis, quantitative analysis and short term trading ideas; recommendations contained in one type of research product may differ from recommendations contained in other types of research product, whether as a result of differing time horizons, methodologies or otherwise. Nomura Group publishes research product in a number of different ways including the posting of product on Nomura Group portals and/or distribution directly to clients. Different groups of clients may receive different products and services from the research department depending on their individual requirements.
Figures presented herein may refer to past performance or simulations based on past performance which are not reliable indicators of future performance. Where the information contains an indication of future performance, such forecasts may not be a reliable indicator of future performance. Moreover, simulations are based on models and simplifying assumptions which may oversimplify and not reflect the future distribution of returns.
Certain securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of, or income derived from, the investment.
The securities described herein may not have been registered under the US Securities Act of 1933 (the '1933 Act'), and, in such case, may not be offered or sold in the US or to US persons unless they have been registered under the 1933 Act, or except in compliance with an exemption from the registration requirements of the 1933 Act. Unless governing law permits otherwise, any transaction should be executed via a Nomura entity in your home jurisdiction.
This document has been approved for distribution in the UK and European Economic Area as investment research by NIplc, which is authorized and regulated by the FSA and is a member of the London Stock Exchange. It does not constitute a personal recommendation, as defined by the FSA, or take into account the particular investment objectives, financial situations, or needs of individual investors. It is intended only for investors who are 'eligible counterparties' or 'professional clients' as defined by the FSA, and may not, therefore, be redistributed to retail clients as defined by the FSA. This document has been approved by NIHK, which is regulated by the Hong Kong Securities and Futures Commission, for distribution in Hong Kong by NIHK. This document has been approved for distribution in Australia by NAL, which is authorized and regulated in Australia by the ASIC. This document has also been approved for distribution in Malaysia by NSM. In Singapore, this document has been distributed by NSL. NSL accepts legal responsibility for the content of this document, where it concerns securities, futures and foreign exchange, issued by their foreign affiliates in respect of recipients who are not accredited, expert or institutional investors as defined by the Securities and Futures Act (Chapter 289). Recipients of this document in Singapore should contact NSL in respect of matters arising from, or in connection with, this document. Unless prohibited by the provisions of Regulation S of the 1933 Act, this material is distributed in the US, by NSI, a US-registered broker-dealer, which accepts responsibility for its contents in accordance with the provisions of Rule 15a-6, under the US Securities Exchange Act of 1934.
This document has not been approved for distribution in the Kingdom of Saudi Arabia ('Saudi Arabia') or to clients other than 'professional clients' in the United Arab Emirates ('UAE') by Nomura Saudi Arabia, NIplc or any other member of Nomura Group, as the case may be. Neither this document nor any copy thereof may be taken or transmitted or distributed, directly or indirectly, by any person other than those authorised to do so into Saudi Arabia or in the UAE or to any person located in Saudi Arabia or to clients other than 'professional clients' in the UAE. By accepting to receive this document, you represent that you are not located in Saudi Arabia or that you are a 'professional client' in the UAE and agree to comply with these restrictions. Any failure to comply with these restrictions may constitute a violation of the laws of Saudi Arabia or the UAE.
No part of this material may be (i) copied, photocopied, or duplicated in any form, by any means; or (ii) redistributed without the prior written consent of a member of Nomura Group. Further information on any of the securities mentioned herein may be obtained upon request. If this document has been distributed by electronic transmission, such as e-mail, then such transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this document, which may arise as a result of electronic transmission. If verification is required, please request a hard-copy version.

Disclaimers required in Japan

Investors in the financial products offered by Nomura Securities may incur fees and commissions specific to those products (for example, transactions involving Japanese equities are subject to a sales commission of up to 1.365% (tax included) of the transaction amount or a commission of ¥2,730 (tax included) for transactions of ¥200,000 or less, while transactions involving investment trusts are subject to various fees, such as sales commissions and trust fees, specific to each investment trust). In addition, all products carry the risk of losses owing to price fluctuations or other factors. Fees and risks vary by product. Please thoroughly read the written materials provided, such as documents delivered before making a contract, listed securities documents, or prospectuses.

Transactions involving Japanese equities (including Japanese REITs and Japanese ETFs) are subject to a sales commission of up to 1.365% (tax included) of the transaction amount (or a commission of ¥2,730 (tax included) for transactions of ¥200,000 or less). When Japanese equities are purchased via OTC transactions (including offerings), only the purchase price shall be paid, with no sales commission charged. However, Nomura Securities may charge a separate fee for OTC transactions, as agreed with the customer. Japanese equities carry the risk of losses owing to price fluctuations. Japanese REITs carry the risk of losses owing to fluctuations in price and/or earnings of underlying real estate. Japanese ETFs carry the risk of losses owing to fluctuations in the underlying equity indexes or other benchmarks.

Transactions involving foreign equities are subject to a domestic sales commission of up to 0.9975% (tax included) of the transaction amount (which equals the local transaction amount plus local fees and taxes in the case of a purchase or the local transaction amount minus local fees and taxes in the case of a sale) (for transaction amounts of ¥750,000 and below, maximum domestic sales commission is ¥7,455 tax included). Local fees and taxes in foreign financial instruments markets vary by country/territory. When foreign equities are purchased via OTC transactions (including offerings), only the purchase price shall be paid, with no sales commission charged. However, Nomura Securities may charge a separate fee for OTC transactions, as agreed with the customer. Foreign equities carry the risk of losses owing to factors such as price fluctuations and foreign exchange rate fluctuations.

Margin transactions are subject to a sales commission of up to 1.365% (tax included) of the transaction amount (or a commission of ¥2,730 (tax included) for transactions of ¥200,000 or less), as well as management fees and rights handling fees. In addition, long margin transactions are subject to interest on the purchase amount, while short margin transactions are subject to fees for the lending of the shares borrowed. A margin equal to at least 30% of the transaction amount and at least ¥300,000 is required. With margin transactions, an amount up to roughly 3.3x the margin may be traded. Margin transactions therefore carry the risk of losses in excess of the margin owing to share price fluctuations. For details, please thoroughly read the written materials provided, such as listed securities documents or documents delivered before making a contract.

Transactions involving convertible bonds are subject to a sales commission of up to 1.05% (tax included) of the transaction amount (or a commission of ¥4,200 (tax included) if this would be less than ¥4,200). When convertible bonds are purchased via OTC transactions (including offerings), only the purchase price shall be paid, with no sales commission charged. However, Nomura Securities may charge a separate fee for OTC transactions, as agreed with the customer. Convertible bonds carry the risk of losses owing to factors such as interest rate fluctuations and price fluctuations in the underlying stock. In addition, convertible bonds denominated in foreign currencies also carry the risk of losses owing to factors such as foreign exchange rate fluctuations.

When bonds are purchased via public offerings, secondary distributions, or other OTC transactions with Nomura Securities, only the purchase price shall be paid, with no sales commission charged. Bonds carry the risk of losses, as prices fluctuate in line with changes in market interest rates. In addition, foreign currency-denominated bonds also carry the risk of losses owing to factors such as foreign exchange rate fluctuations.

When Japanese government bonds (JGBs) for individual investors are purchased via public offerings, only the purchase price shall be paid, with no sales commission charged. When JGBs for individual investors are sold before maturity, an amount calculated via the following formula will be subtracted from the par value of the bond plus accrued interest: for 10-year variable rate bonds, an amount equal to the two preceding coupon payments (before tax) x 0.8; for 5-year fixed rate bonds, an amount equal to the four preceding coupon payments (before tax) x 0.8.

Purchases of investment trusts (and sales of some investment trusts) are subject to a fee of up to 5.25% (tax included) of the transaction amount. Also, a direct cost that may be incurred when selling investment trusts is a fee of up to 2.0% of the unit price at the time of redemption. Indirect costs that may be incurred during the course of holding investment trusts include, for domestic investment trusts, a trust fee of up to 5.25% (tax included, annualized basis) of the net assets in trust, as well as fees based on investment performance. Other indirect costs may also be incurred. For foreign investment trusts, indirect fees may be incurred during the course of holding such as investment company compensation.

Investment trusts invest mainly in securities such as Japanese and foreign equities and bonds, whose prices fluctuate. Investment trust unit prices fluctuate owing to price fluctuations in the underlying assets and to foreign exchange rate fluctuations. As such, investment trusts carry the risk of losses. Fees and risks vary by investment trust. Maximum applicable fees are subject to change; please thoroughly read the written materials provided, such as prospectuses or documents delivered before making a contract.

An annual account maintenance fee of up to ¥1,575 (tax included) is charged for any account held with Nomura Securities containing equities or investment securities. An additional annual account maintenance fee of up to ¥3,150 (tax included) is charged for any account containing foreign securities. No account fee will be charged for other marketable securities or monies deposited. Transfers of equities to another securities company via the Japan Securities Depository Center are subject to a transfer fee of up to ¥10,500 (tax included) per issue transferred depending on volume.

Nomura Securities Co., Ltd.
Financial instruments firm registered with the Kanto Local Finance Bureau (registration No. 142)
Member associations: Japan Securities Dealers Association; Japan Securities Investment Advisers Association; The Financial Futures Association of Japan; and Type II Financial Instruments Firms Association.

Nomura Group manages conflicts with respect to the production of research through its compliance policies and procedures (including, but not limited to, Conflicts of Interest, Chinese Wall and Confidentiality policies) as well as through the maintenance of Chinese walls and employee training.

Additional information is available upon request. Disclosure information is available at the Nomura Disclosure web page:
http://go.nomuranow.com/research/globalresearchportal/pages/disclosures/disclosures.aspx