

Nomura Individual Investor Survey

June 2023

15 June 2023

Global Research Division
Nomura Securities Co., Ltd.

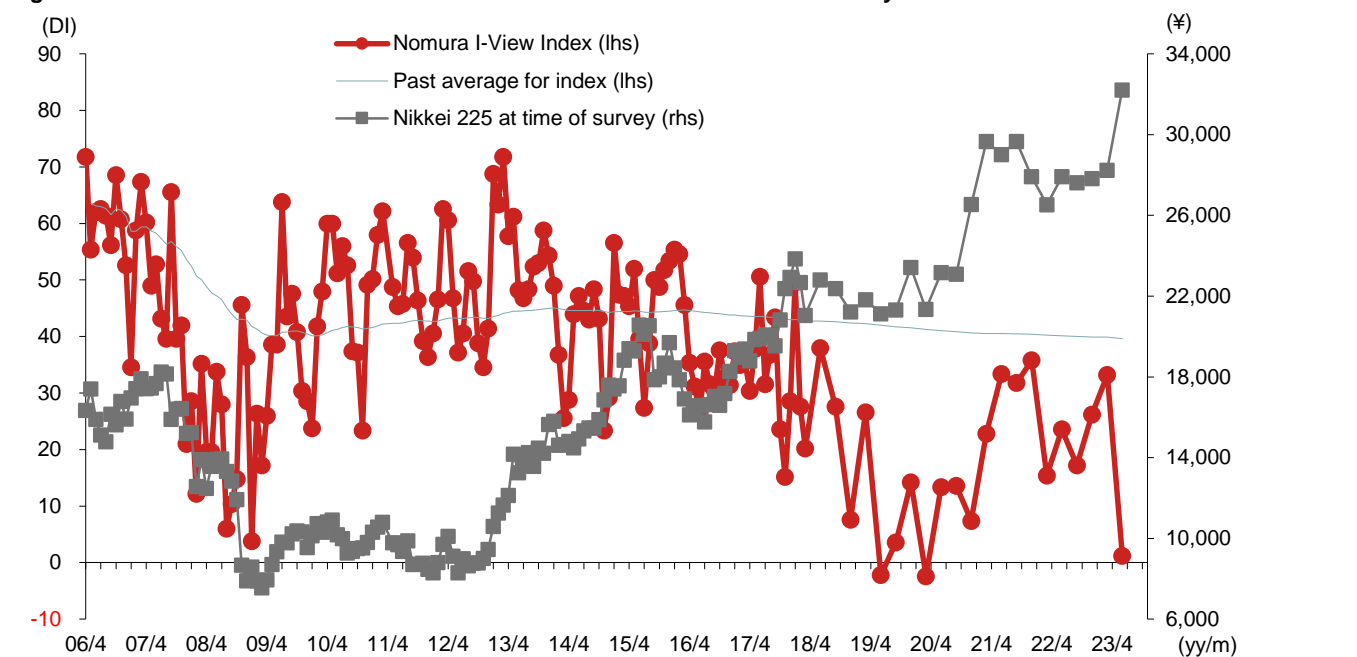
The Nomura Individual Investor Survey is a periodic survey conducted with the aim of better understanding investing activity by individuals and providing information on related trends.

1. Survey results

(1) Nomura I-View Index drops to 1.2 its lowest level since March 2020

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," came in at 1.2 in June, down 32.0 pt versus the previous survey. The Nikkei 225 reference level (5 June 2023 close) was 32,217.43, up 3,979.65 versus the previous survey (6 March 2023 close of 28,237.78).

Fig. 1: The Nomura I-View Index and reference level of Nikkei 225 at time of survey

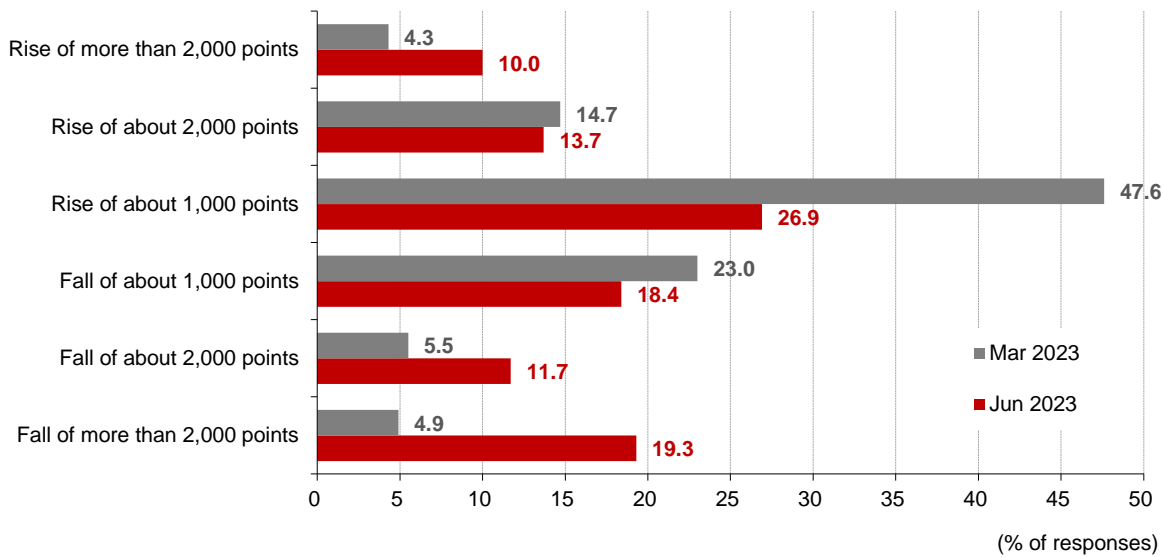


Note: (1) The Nomura I-View Index is based on data collected by this survey and expressed as a diffusion index (DI). The calculation method is as follows: $\frac{(\text{number of responses indicating expected rise in share prices in the next three months}) - (\text{number of responses indicating expected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

The combined percentage of respondents expecting the Nikkei 225 to rise over the next three months was 50.6%, down 16.0ppt from 66.6% in the previous survey. The percentage of respondents expecting a "rise of about 1,000 points" was down 20.7ppt versus the previous survey at 26.9%. The proportion of respondents expecting a "rise of about 2,000 points" was down 1.0ppt at 13.7%, while the proportion responding with a "rise of more than 2,000 points" rose 5.7ppt to 10.0%.

The proportion expecting a "fall of about 1,000 points" declined 4.6ppt to 18.4%. The proportion expecting a "fall of about 2,000 points" was up 6.2ppt at 11.7%, while the proportion expecting a "fall of more than 2,000 points" was up 14.4ppt at 19.3% (Figure 2).

Fig. 2: Outlook for Nikkei 225 during the next three months

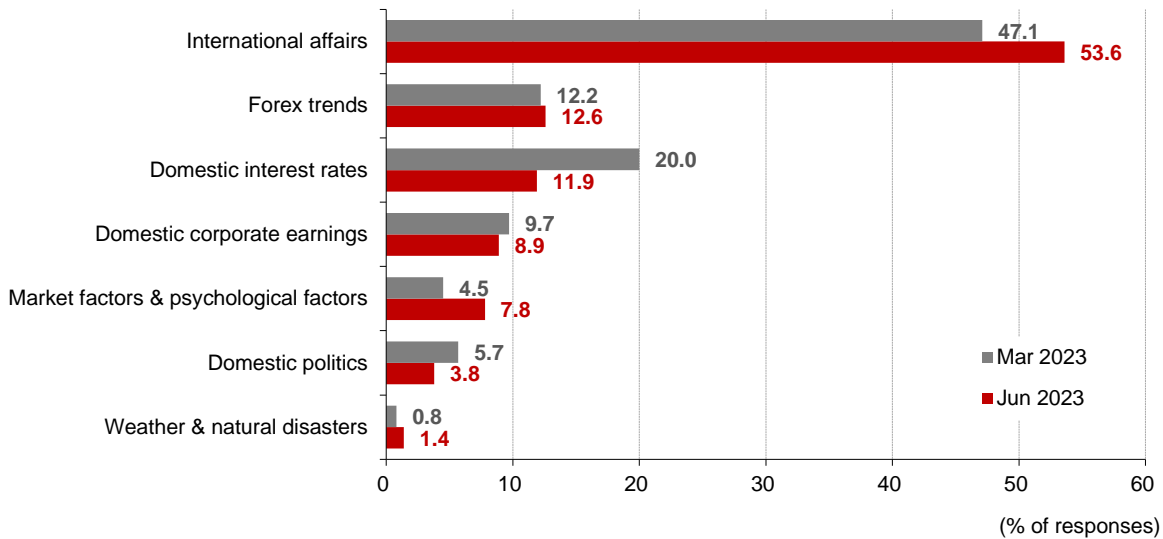


Note: Respondents were asked to share their outlook for the Nikkei 225 during the next three months based on the 5 June 2023 close of 32,217. Respondents could choose one answer from a possible six responses ranging from a rise of more than 2,000 points to a fall of more than 2,000 points, with 1,000-point increments in between.

(2) Stronger investor focus on international affairs and market/psychological factors

Respondents were asked to select the factor most likely to affect the stock market over the next three months. The percentage selecting "international affairs" rose 6.5ppt versus the previous survey to 53.6%. The response rate for "market factors & psychological factors" increased 3.3ppt to 7.8%, while the response rate for "domestic interest rates" rose 8.1ppt to 11.9%.

Fig. 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) Appeal of consumer goods, electrical/precision equipment up, appeal of financials, pharmaceuticals down

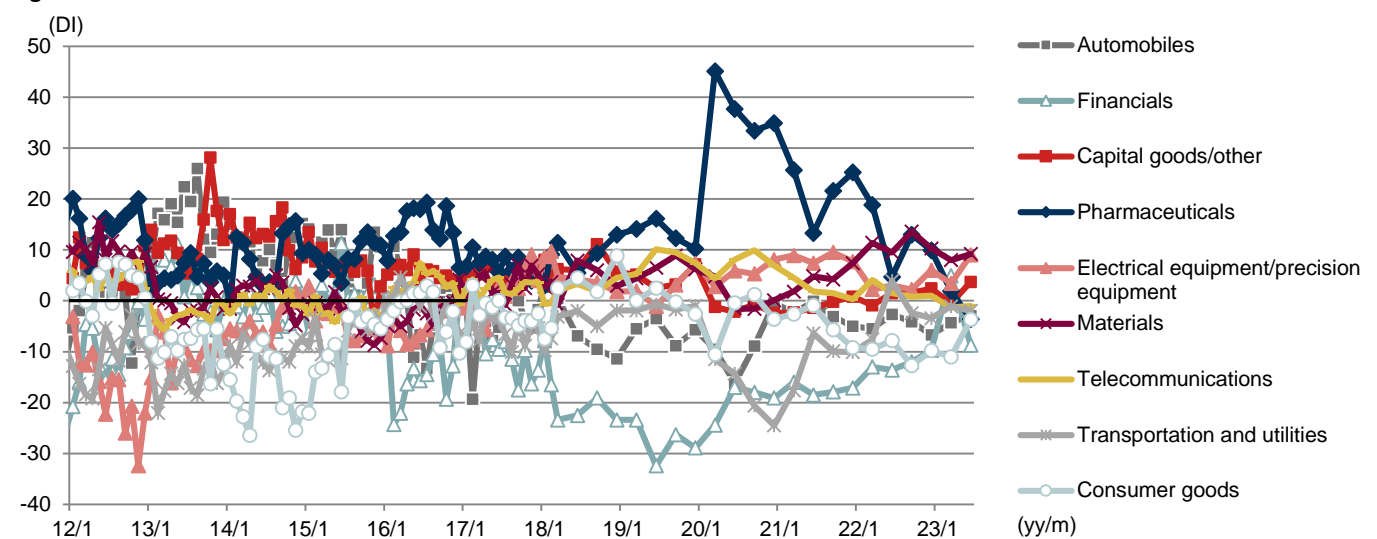
On the outlook for sectors over the next three months or so, we calculate a diffusion index (DI) for each sector by subtracting the percentage of respondents viewing it as "unappealing" from the percentage of respondents viewing it as "appealing." The DI for consumer goods increased 7.3pt to -3.7. The DI for the electrical equipment/precision equipment category also rose, by 5.6pt, to 9.0. In contrast, the DI for financials declined 13.6pt to -8.7, while the DI for pharmaceuticals declined 5.5pt to -3.6, marking its first time in negative territory since the January 2014 survey (Figures 4 and 5).

Fig. 4: Investment appeal by sector

Sector	DI	Breakdown of DI (% of responses)		(Ref) Previous DI
		Appealing	Unappealing	
Materials	9.2	20.1	10.9	8.0
Electrical equipment/precision equipment	9.0	14.4	5.4	3.4
Capital goods/other	3.7	9.7	6.0	-0.5
Telecommunications	-1.0	6.3	7.3	-1.3
Transportation and utilities	-2.0	9.7	11.7	-1.1
Automobiles	-2.9	6.8	9.7	-4.3
Pharmaceuticals	-3.6	7.7	11.3	1.9
Consumer goods sector	-3.7	13.3	17.0	-11.0
Financials	-8.7	12.0	20.7	4.9

Note: Respondents were given nine sectors and asked to choose one they viewed as an appealing investment target and one they viewed as unappealing. For each sector, we calculated a DI 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 financial sector comprises banks, miscellaneous finance, securities, and insurance. The capital goods/other 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 sector comprises marine products, food, retail, and services.

Fig. 5: DIs for selected sectors



(4) Most-watched stocks

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

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

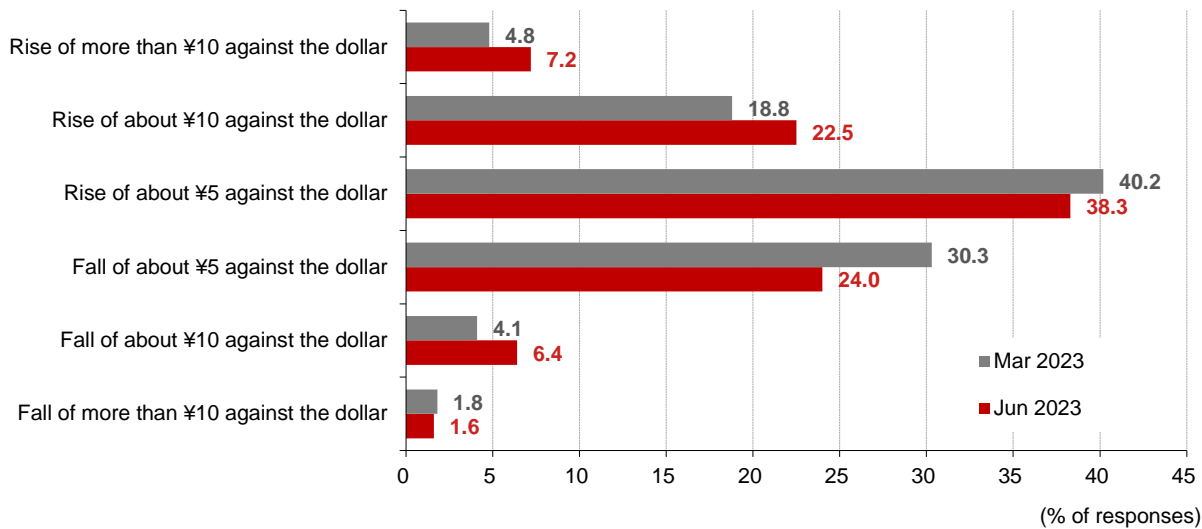
Code	Company	No. of respondents	Code	Company	No. of respondents
7203	Toyota Motor	88	9984	Softbank Group	11
9432	Nippon Telegraph And Telephone	37	4502	Takeda Pharmaceutical	10
2897	Nissin Foods Holdings	30	4755	Rakuten Group	10
2914	Japan Tobacco	30	8035	Tokyo Electron	9
6758	Sony Group	28	3197	Skylark Holdings	8
8058	Mitsubishi	28	4523	Eisai	7
8306	Mitsubishi Ufj Financial Group	28	6501	Hitachi	7
4661	Oriental Land	21	8411	Mizuho Financial Group	7
8267	Aeon	20	9020	East Japan Railway	7
8031	Mitsui &	18	1605	Inpex	6
4063	Shin-Etsu Chemical	13	2587	Suntory Beverage & Food	6
4452	Kao	12	7182	Japan Post Bank	6
7267	Honda Motor	12	8053	Sumitomo Corp	6
8001	Itochu	12	8316	Sumitomo Mitsui Financial Group	6
8591	Orix	12	8593	Mitsubishi Hc Capital	6
7974	Nintendo	11	9104	Mitsui O.S.K.Lines	6
8002	Marubeni	11	9434	Softbank	6
9202	Ana Holdings	11			

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

(5) Rise in percentage of investors expecting yen appreciation against US dollar

On the outlook for USD/JPY over the next three months, the combined percentage of respondents expecting the yen to appreciate against the US dollar was 68.0%, up 4.2ppt from the previous survey. The response rate for "rise of about ¥5 against the dollar" fell 1.9ppt versus the previous survey to 38.3%. The response rate for "rise of about ¥10 against the dollar" rose 3.7ppt to 22.5% and the response rate for "rise of more than ¥10 against the dollar" rose 2.4ppt to 7.2%.

The response rate for "fall of about ¥5 against the dollar", meanwhile, fell 6.3ppt to 24.0%. The response rate for "fall of about ¥10 against the dollar" rose 2.3ppt to 6.4%, while that for "fall of more than ¥10 against the dollar" fell 0.2ppt to 1.6% (Figure 7).

Fig. 7: Respondents' three-month outlook for USD/JPY

Note: Respondents were asked to share their outlook for USD/JPY over the next three months, referencing the 5 June 2023 indicative rate of 140.10. They could choose one answer from six possible responses ranging from a rise of more than ¥10 against the dollar to a fall of more than ¥10 against the dollar, with ¥5 increments in between.

(6) Investment appeal DI increases for Japanese yen

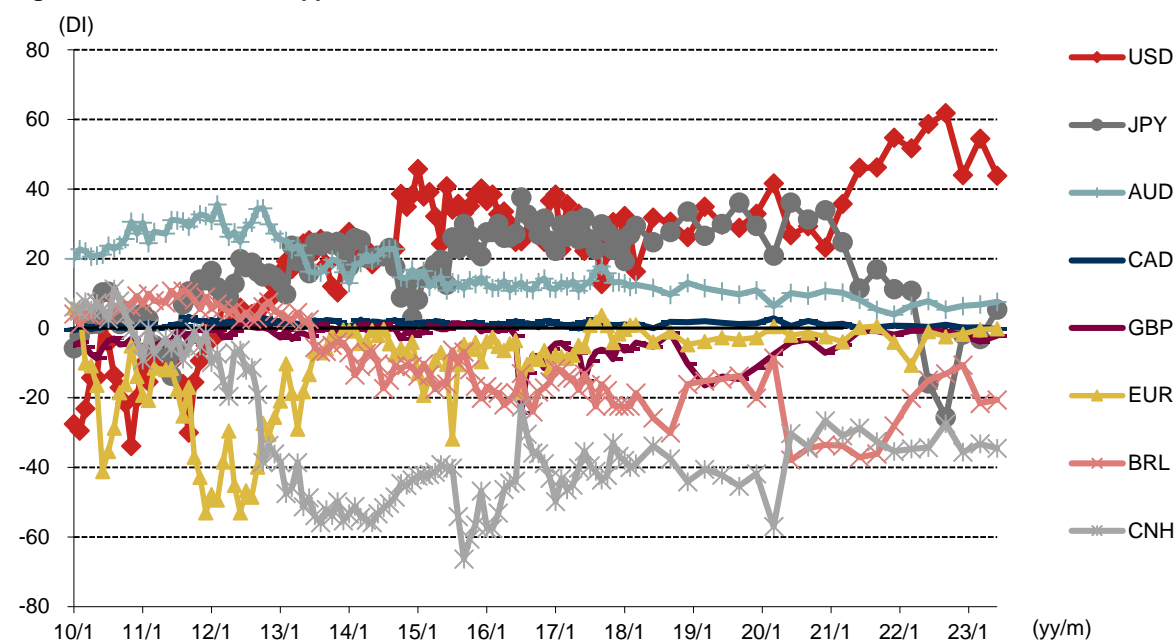
On the outlook for different currencies over the next three months, we calculate a DI for each currency by subtracting the percentage of responses for "unappealing" from that for "appealing." The DI for the Japanese yen rose 8.5pt to 5.4, while the DI for the US dollar fell 10.7pt to 43.8 (Figures 8 and 9).

Fig. 8: Investment appeal by currency

Currency	DI	Breakdown of DI (% of responses)		(Ref)
		Appealing	Unappealing	Previous DI
US dollar	43.8	51.7	7.9	54.5
Australian dollar	7.6	9.0	1.4	6.8
Japanese yen	5.4	28.8	23.4	-3.1
Euro	-0.1	4.8	4.9	-0.4
Canadian dollar	-0.3	0.6	0.9	0.3
Pound sterling	-2.1	1.0	3.1	-3.9
Brazilian real	-20.6	0.8	21.4	-21.6
Chinese yuan	-34.5	1.7	36.2	-33.2

Note: Respondents were given nine possible responses, consisting of the above eight currencies and "other," and asked to choose one they viewed as an appealing investment target and one they viewed as unappealing. Those selecting "other" were asked to specify a currency.

Fig. 9: DIs for investment appeal of selected currencies



(7) Increased focus on Japanese equities among financial instruments

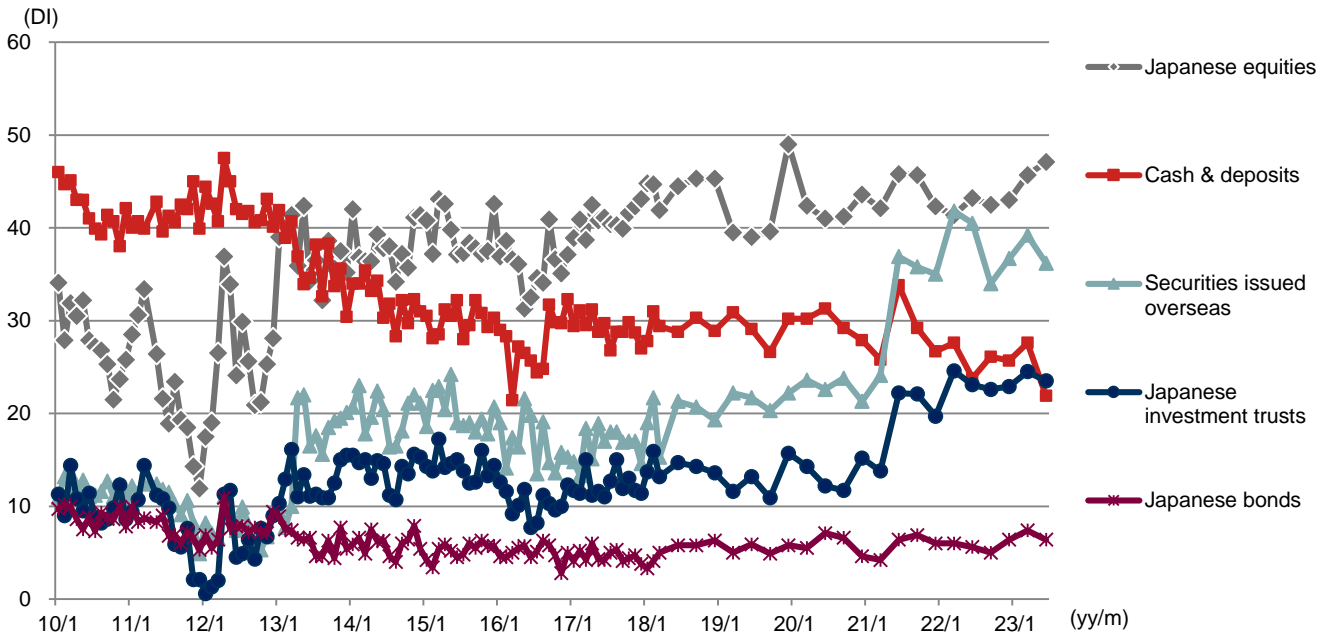
To give an indication of plans for holding financial instruments, we calculate DIs for each type of financial instrument by subtracting the percentage of respondents planning to cease holding the instrument or decrease their holdings from the percentage planning to hold the instrument for the first time or increase their holdings. The DI for Japanese equities rose 1.4pt to 47.1, while that for cash & deposits fell 5.7pt to 21.9 (Figure 10).

Fig. 10: Financial instruments for which investors are planning either to increase or to decrease their holdings

Financial instrument	DI	Breakdown of DI (% of responses)		(Ref) Previous DI
		Plan to increase	Plan to decrease	
Japanese equities	47.1	54.7	7.6	45.7
Japanese investment trusts	23.5	27.1	3.6	24.5
Cash & deposits	21.9	29.0	7.1	27.6
Foreign equities	18.4	19.2	0.8	19.7
Foreign investment trusts	13.3	14.0	0.7	13.3
Gold	9.2	9.4	0.2	10.4
Japanese bonds	6.4	8.3	1.9	7.4
Foreign bonds	4.5	5.0	0.5	6.2
Hybrid securities	2.5	2.8	0.3	3.2
Other	1.0	1.1	0.1	0.5
None	-54.0	26.6	80.6	-56.6

Note: Respondents were given a list of 11 responses and asked to choose those financial instruments for which they planned to increase their holdings and those for which they planned to decrease their holdings (multiple responses were allowed). "Plan to increase" refers to financial instruments that investors plan to hold for the first time or for which they plan to increase their holdings, while "plan to decrease" refers to instruments that investors plan to cease holding or for which they plan to decrease their holdings. Hybrid securities and gold were added to the list of choices from the February 2012 survey. Since the April 2013 survey, we have divided the former category of "Securities issued overseas" into "foreign equities", "foreign investment trusts", and "foreign bonds".

Fig. 11: DIs for financial instruments in which investors are planning either to increase or to decrease their holdings



Note: "Securities issued overseas" is the total for "foreign equities," "foreign investment trusts," and "foreign bonds."

(8) Higher percentage of respondents expect prices to be unchanged one year out

When asked for their outlook for prices of regularly purchased goods and services one year out, 66.9% of respondents selected one of the three "rise" responses, down 3.7ppt from last time. The percentage of respondents selecting the response "no change" was up 4.1pt at 14.9%. The proportion of respondents selecting a "fall" response fell 0.4ppt to 18.2% (Figure 12).

Fig. 12: Outlook for prices one year out

	Choices	% of responses	(Ref) Previous % of responses
1.	Fall of 5% or more	6.6	6.4
2.	Fall of 2% up to 5%	7.4	6.8
3.	Fall of less than 2%	4.2	5.4
4.	No change (0%)	14.9	10.8
5.	Rise of less than 2%	22.7	21.0
6.	Rise of 2% up to 5%	31.0	32.8
7.	Rise of 5% or more	13.2	16.8
	Total	100.0	100.0

Note: Respondents were asked to select one response to the question: "How do you expect prices of regularly purchased goods and services to differ from current levels one year out?"

(9) Exercising of voting rights, ESG investment, TSE demands on corporations

The survey included spot questions on the exercise of voting rights, ESG investment, and the TSE's demands on corporations.

A total of 52.1% said they planned to exercise their voting rights (sum of responses 1 and 2 in Figure 13), exceeding the 25.0% who said they planned not to. The percentage saying they planned to exercise their voting rights was 3.8ppt lower than the response rate of 55.9% for the same question in our June 2021 survey, while the percentage saying they planned not to exercise their voting rights was up 2.5ppt versus 22.5%. The percentage saying they were undecided rose by 1.3ppt (Figure 13).

Fig. 13: Intentions regarding the exercise of voting rights at general shareholders' meetings

Choices	No. of respondents	% of responses	Previous survey Jun 2022 (%)
1. I plan to exercise my voting rights for all the companies in which I hold shares	396	39.6	42.6
2. I plan to exercise my voting rights for only some of the companies in which I hold shares	125	12.5	13.3
3. I plan not to exercise my voting rights for any of the companies in which I hold shares	250	25.0	22.5
4. Undecided	229	22.9	21.6
Total	1,000	100.0	100.0

Note: Respondents were asked to select the response that best reflected their view regarding the exercising of voting rights at upcoming general shareholders' meetings.

Of the respondents saying they planned to exercise their voting rights (those selecting response 1 or 2 in Figure 13; 521 this time, versus 559 in June 2022), 45.7% said they intended to vote in favor of all resolutions, down from last year's figure of 48.8%. Of resolutions respondents said they might oppose (multiple responses allowed), response rates were highest for retirement bonuses for directors (20.0%), dividends (use of surplus funds) (19.6%), and director compensation (16.9%) (Figure 14).

Fig. 14: Resolutions investors may vote against

Choices	No. of respondents	% of responses	Previous survey Jun 2022 (%)
1. I plan to vote in favor of all resolutions (and oppose none)	238	45.7	48.8
2. Dividends (use of surplus funds)	102	19.6	18.4
3. Director compensation	88	16.9	20.2
4. Retirement bonuses for directors	104	20.0	21.8
5. Stock options	48	9.2	6.6
6. Appointment of directors/auditors (including auditors at companies with supervisory committee)	78	15.0	10.2
7. Takeover defense measures	37	7.1	8.8
8. Change in the number of directors (increase, decrease, setting of upper limit, etc)	40	7.7	7.5
9. Change in the maximum number of issuable shares	34	6.5	7.0
10. Share buybacks	26	5.0	5.7
11. Other	5	1.0	0.9
Total	521	-	-

Note: Investors who chose response 1 or 2 to the question in Figure 13 ("I plan to exercise my voting rights for all the companies in which I hold shares" and "I plan to exercise my voting rights for only some of the companies in which I hold shares") were asked to select all of the resolutions from among those given that they might vote against (multiple responses allowed).

Of respondents who said they did not plan to exercise their voting rights (those selecting response 3 in Figure 13; 250 this time), the highest response rate for reasons why they did not plan to do so (multiple responses allowed) was for "Because my vote would have little impact, or would be meaningless" at 59.2%. There were also high response rates for "Because it is a hassle" (33.2%) and "I have no interest in exercising voting rights" (22.8%) (Figure 15).

Fig. 15: Reasons for not planning to exercise voting rights

	Choices	No. of respondents	% of responses	Previous survey Jun 2022 (%)
1.	Because my vote would have little impact, or would be meaningless	148	59.2	58.2
2.	Because it is a hassle	83	33.2	28.9
3.	Because I have no interest in exercising my voting rights	57	22.8	17.3
4.	Because none of the resolutions requires me to express an opinion	26	10.4	13.8
5.	Because I cannot attend the general meeting or I have no time to complete the paperwork or internet forms	15	6.0	6.2
6.	Because my investment style is mainly short term or aimed at capital gains, so I do not view exercising my voting rights as important	16	6.4	3.1
7.	Because I do not have the time to study the resolutions	12	4.8	7.6
8.	Because I do not understand the resolutions well	21	8.4	12.9
9.	Other	1	0.4	0.9
	Total	250	-	-

Note: Investors who chose response 3 to the question in Figure 13 ("I plan not to exercise my voting rights for any of the companies in which I hold shares") were asked to select all of the answers from among those given that described their reasons for not planning to exercise voting rights.

Next we asked about their interest in companies' environmental, social, and governance (ESG) initiatives. Respondents chose "If anything, I'm interested" more than any other response, with 42.8% of respondents choosing it, up 5.6ppt versus the figure for the same question in our December 2022 survey. "If anything, I'm not interested" was the second most popular response, with 28.6% of respondents choosing it, down 4.5ppt (Figure 16).

Fig. 16: Interest in companies' ESG initiatives

	Choices	No. of respondents	% of responses	Previous survey Dec 2022 (%)
1.	I'm very interested	87	8.7	10.3
2.	If anything, I'm interested	428	42.8	37.2
3.	If anything, I'm not interested	286	28.6	33.1
4.	I'm not interested at all	113	11.3	12.7
5.	I can't say, I don't know	86	8.6	6.7
	Total	1,000	100.0	100.0

Note: The question was: "Are you interested in companies' ESG (environment, social, corporate governance) initiatives (choose one)?"

When asked whether or not ESG factors should be taken into consideration in equity markets, respondents chose "return on investment is important for stock market investment, but it is also important to consider ESG factors to some extent" more than any other response, with 47.0% of respondents choosing it, up 1.3ppt from the December survey (Figure 17).

Fig. 17: Need to take ESG into consideration

	Choices	No. of respondents	% of responses	Previous survey Dec 2022 (%)
1.	Return on investment is what is important for stock market investment, so it is not necessary to consider ESG factors	125	12.5	13.5
2.	Return on investment is important for stock market investment, but it is also important to consider ESG factors to some extent	470	47.0	45.7
3.	Given the importance of sustainable growth, ESG factors are at least as important to consider as return on investment when investing in the stock market	176	17.6	19.2
4.	Don't know	229	22.9	21.6
	Total	1,000	100.0	100.0

Note: Respondents were asked to select a single response to the question: "Do you think it is necessary to consider ESG (environmental, social, and corporate governance) factors when investing in the stock market?"

We also asked about respondents' interest in financial products related to ESG. "No, I have no interest in ESG-related financial products" was the most common response, selected by 57.2% of respondents (Figure 18).

Fig. 18: Interest in ESG-related financial products

Choices		No. of respondents	% of responses
1.	Yes, I am interested in ESG-related financial products	428	42.8
2.	No, I have no interest in ESG-related financial products	572	57.2
	Total	1,000	100.0

Note: Respondents were asked, "Are you interested in environmental, social, and governance (ESG)-related financial products (choose one response)?"

To those that answered in the affirmative (the first response in Figure 18; 428) we asked what kind of financial products they are interested in. The most popular response was "Investment trusts that actively invest in environmentally friendly companies" at 54.7% (Figure 19).

Fig. 19: ESG-related financial products respondents find the most interesting

Choices		No. of respondents	% of responses
1.	Investment trusts that actively invest in environmentally friendly companies	234	54.7
2.	Investment trusts that actively invest in companies promoting women's participation in the workforce	92	21.5
3.	Investment trusts that actively invest in companies excelling in corporate governance	137	32.0
4.	Green bonds (bonds issued to fund environmentally friendly businesses)	88	20.6
5.	ETFs that track ESG indices (indices made up of companies with high scores based on a comprehensive assessment of ESG factors)	117	27.3
6.	Financial products that contribute to specific or all SDGs	120	28.0
7.	Social impact investment (financial products that aim to deliver both an economic return (investment income) and provide funding to resolve social problems)	100	23.4
8.	Other	3	0.7
	Total	428	-

Note: Respondents were asked, "Which of these environmental, social, and governance (ESG)-related products are you interested in (choose all that apply)?"

Finally, we asked respondents to select the response that best reflects their views based on how they think companies listed on the TSE Prime and Standard markets will react to the TSE's call for management teams to pay more attention to the cost of capital and the stock price. At 30.1%, the most popular response was, "Since the TSE is also calling upon companies with P/Bs above 1x to improve their returns on capital, I plan to select investment targets without focusing overly on P/B levels" (Figure 20).

Fig. 20: Views on listed companies following TSE's requests

Choices		No. of respondents	% of responses
1.	As companies viewed negatively on the markets are expected to work to improve their return on capital, I plan to mainly select investment targets from among companies with low P/Bs	259	25.9
2.	Since the TSE is also calling upon companies with P/Bs above 1x to improve their returns on capital, I plan to select investment targets without focusing too much on P/B levels	301	30.1
3.	I will mainly select investment targets from among companies that do not have low P/Bs as I think companies that have not made sufficient effort to date to improve their return on capital will not be able to change that easily	192	19.2
4.	When selecting investment targets, I do not intend to focus in particular on P/Bs or return on capital (I am more interested in other aspects such as growth and share price movements)	248	24.8
	Total	1,000	100.0

Note: We asked the following question: "On 31 March the TSE called upon companies listed on the Prime Market and the Standard Market to pay greater attention to capital costs and stock price. It suggested that having P/B ratios below 1x may be an indicator that companies have been unable to achieve returns on capital (such as ROE, etc) in excess of capital costs, or that investors do not see enough growth potential in them. Taking into consideration how you think companies will respond to the TSE's demands, which view best reflects your own?"

2. Nomura Individual Investor Survey

With the aim of better understanding investing activity by individuals and providing information on those trends, Nomura Securities periodically conducts a survey—the Nomura Individual Investor Survey. The results of the survey have been published 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 24,000 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 5 June 2023, with deadline for responses on 6 June 2023

Survey content: Questions included each time are: (1) share price outlook; (2) factors expected to impact the stock market; (3) attractive sectors and stocks; (4) USD/JPY outlook and attractive currencies; (5) financial instruments for which investors plan to change their holdings; and (6) inflation outlook (since July 2013). Respondents are also asked spot questions each time and queried about their personal profiles.

3. Nomura Individual Investor Survey (June 2023) respondents

Gender: Male (84.3%), female (15.7%)

Age: Under 30 (0.7%), 30–39 (7.1%), 40–49 (16.6%), 50–59 (24.6%), 60 and above (51.0%)

Occupation: Self-employed/fisheries, agriculture, forestry (7.1%), professional (physician/medical professional, lawyer, etc) (3.0%), company management/board member (3.9%), company employee/public servant (45.2%), student (0.0%), full-time homemaker (7.0%), part-time worker/casual worker/job-hopper (6.2%), unemployed/pensioner (26.0%), other (1.6%)

Region: Kanto (50.1%), Kinki (17.2%), Tokai/Koshinetsu/Hokuriku (16.1%), Hokkaido/Tohoku (5.2%), Chugoku/Shikoku/Kyushu (11.4%)

Financial assets held: Less than ¥1,000,000 (8.1%), ¥1,000,000–¥2,999,999 (9.2%), ¥3,000,000–¥4,999,999 (12.9%), ¥5,000,000–¥9,999,999 (14.6%), ¥10,000,000–¥29,999,999 (26.5%), ¥30,000,000–¥49,999,999 (13.8%), ¥50,000,000 or more (14.9%)

Value of Japanese stocks held: Less than ¥500,000 (14.3%), ¥500,000–¥999,999 (11.4%), ¥1,000,000–¥2,999,999 (20.8%), ¥3,000,000–¥4,999,999 (16.1%), ¥5,000,000–¥9,999,999 (14.0%), ¥10,000,000–¥29,999,999 (16.2%), ¥30,000,000 or more (7.2%)

Investment experience: Less than three years (8.0%), at least three years but less than five years (8.4%), at least five years but less than 10 years (16.5%), at least 10 years but less than 20 years (27.2%), 20 years or more (39.9%)

Investment plan for Japanese stocks: Mainly for long-term holding (45.7%), pursuit of gains from short-term appreciation (10.0%), pursuit of dividends and shareholder perks (31.0%), no particular plan (13.3%)

Notice

The next Nomura Individual Investor Survey (September 2023) is scheduled for release on Thursday, 14 September 2023.

Disclaimers

This publication contains material that has been prepared by the Nomura Group entity identified on page 1 and, if applicable, with the contributions of one or more Nomura Group entities whose employees and their respective affiliations are specified on page 1 or identified elsewhere in this publication. The term "Nomura Group" used herein refers to Nomura Holdings, Inc. and its affiliates and subsidiaries including: (a) Nomura Securities Co., Ltd. ('NSC') Tokyo, Japan, (b) Nomura Financial Products Europe GmbH ('NFPE'), Germany, (c) Nomura International plc ('NIplc'), UK, (d) Nomura Securities International, Inc. ('NSI'), New York, US, (e) Nomura International (Hong Kong) Ltd. ('NIHK'), Hong Kong, (f) 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>), (g) Nomura Singapore Ltd. ('NSL'), Singapore (Registration number 197201440E, regulated by the Monetary Authority of Singapore) (h) 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, (i) Nomura Securities Malaysia Sdn. Bhd. ('NSM'), Malaysia, (j) NIHK, Taipei Branch ('NITB'), Taiwan, (k) 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; CIN No: U74140MH2007PTC169116, SEBI Registration No. for Stock Broking activities : INZ000255633; SEBI Registration No. for Merchant Banking : INM000011419; SEBI Registration No. for Research: INH000001014, (l) Nomura Fiduciary Research & Consulting Co., Ltd. ('NFRC') Tokyo, Japan. 'CNS Thailand' next to an analyst's name on the front page of a research report indicates that the analyst is employed by Capital Nomura Securities Public Company Limited ('CNS') to provide research assistance services to NSL under an agreement between CNS and NSL. 'NSFSPL' next to an employee's name on the front page of a research report indicates that the individual is employed by Nomura Structured Finance Services Private Limited to provide assistance to certain Nomura entities under inter-company agreements. 'Verdhana' next to an individual's name on the front page of a research report indicates that the individual is employed by PT Verdhana Sekuritas Indonesia ('Verdhana') to provide research assistance to NIHK under a research partnership agreement and neither Verdhana nor such individual is licensed outside of Indonesia. For the avoidance of doubt and for the purpose of disclosure, Nomura Orient International Securities Co., Ltd ('NOI'), a joint venture amongst Nomura Group, Orient International (Holding) Co., Ltd and Shanghai Huangpu Investment Holding (Group) Co., Ltd is excluded from the definition of Nomura Group. An individual name printed next to NOI on the front page of a research report indicates that individual is employed by NOI to provide research assistance to NIHK under a research partnership agreement and neither NOI or such individual is licensed outside of Mainland China, PRC.

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 SECURITIES IN ANY JURISDICTION WHERE SUCH OFFER OR SOLICITATION WOULD BE ILLEGAL; AND (III) OTHER THAN DISCLOSURES RELATING TO THE NOMURA GROUP, BASED UPON INFORMATION FROM SOURCES THAT WE CONSIDER RELIABLE, BUT HAS NOT BEEN INDEPENDENTLY VERIFIED BY NOMURA GROUP.

Other than disclosures relating to the Nomura Group, the Nomura Group does not warrant, represent or undertake, express or implied, that the document is fair, accurate, complete, correct, reliable or fit for any particular purpose or merchantable, and to the maximum extent permissible by law and/or regulation, does not accept liability (in negligence or otherwise, and in whole or in part) for any act (or decision not to act) resulting from use of this document and related data. To the maximum extent permissible by law and/or regulation, all warranties and other assurances by the Nomura Group are hereby excluded and the Nomura Group shall have no liability (in negligence or otherwise, and in whole or in part) for any loss howsoever arising from the use, misuse, or distribution of this material or the information contained in this material or otherwise arising in connection therewith.

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. The Nomura Group, however, expressly disclaims any obligation, and therefore is under no duty, to update or revise 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. The Nomura Group does not provide tax advice.

The Nomura Group, and/or its officers, directors, employees and affiliates, 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. The Nomura Group companies may also act as market maker or liquidity provider (within the meaning of applicable regulations 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, but not limited to, ratings from credit ratings agencies such as Standard & Poor's. The Nomura Group hereby expressly disclaims all representations, warranties or undertakings of originality, fairness, accuracy, completeness, correctness, merchantability or fitness for a particular purpose with respect to any of the information obtained from third parties contained in this material or otherwise arising in connection therewith, and shall not be liable (in negligence or otherwise, and in whole or in part) 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 or misuse of any of the information obtained from third parties contained in this material or otherwise arising in connection therewith. 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, express or implied, guarantee the fairness, accuracy, completeness, correctness, timeliness or availability of any information, including ratings, and are not in any way responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use or misuse 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 (in negligence or otherwise, and in whole or in part) 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 or misuse 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 duplicated, reproduced, re-disseminated, redistributed or used, in whole or in part, for any purpose whatsoever, including creating any financial products and 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 representations, warranties or undertakings of originality, fairness, accuracy, completeness, correctness, merchantability or fitness for a particular purpose with respect to any of this material or the information contained in this material or otherwise arising in connection therewith. 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 (in negligence or otherwise, and in whole or in part) for any damages of any kind. MSCI and the MSCI indexes are services marks of MSCI and its affiliates.

The intellectual property rights and any other rights, in Russell/Nomura Japan Equity Index belong to Nomura Fiduciary Research & Consulting Co., Ltd. ('NFRC') and Frank Russell Company ("Russell"). NFRC and Russell do not guarantee fairness, accuracy, completeness, correctness,

reliability, usefulness, marketability, merchantability or fitness of the Index, and do not account for business activities or services that any index user and/or its affiliates undertakes with the use of the Index.

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 and quantitative analysis; 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. The Nomura Group publishes research product in a number of different ways including the posting of product on the 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 or likely performance. Where the information contains an expectation, projection or indication of future performance and business prospects, such forecasts may not be a reliable indicator of future or likely performance. Moreover, simulations are based on models and simplifying assumptions which may oversimplify and not reflect the future distribution of returns. Any figure, strategy or index created and published for illustrative purposes within this document is not intended for "use" as a "benchmark" as defined by the European Benchmark Regulation. 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.

With respect to Fixed Income Research: Recommendations fall into two categories: tactical, which typically last up to three months; or strategic, which typically last from 6-12 months. However, trade recommendations may be reviewed at any time as circumstances change. 'Stop loss' levels for trades are also provided; which, if hit, closes the trade recommendation automatically. Prices and yields shown in recommendations are taken at the time of submission for publication and are based on either indicative Bloomberg, Reuters or Nomura prices and yields at that time. The prices and yields shown are not necessarily those at which the trade recommendation can be implemented.

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 as investment research by Nlplc. Nlplc is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. Nlplc is a member of the London Stock Exchange. This document does not constitute a personal recommendation within the meaning of applicable regulations in the UK, or take into account the particular investment objectives, financial situations, or needs of individual investors. This document is intended only for investors who are 'eligible counterparties' or 'professional clients' for the purposes of applicable regulations in the UK, and may not, therefore, be redistributed to persons who are 'retail clients' for such purposes.

This document has been approved for distribution in the European Economic Area as investment research by Nomura Financial Products Europe GmbH ("NFPE"). NFPE is a company organized as a limited liability company under German law registered in the Commercial Register of the Court of Frankfurt/Main under HRB 110223. NFPE is authorized and regulated by the German Federal Financial Supervisory Authority (BaFin).

This document has been approved by NlHK, which is regulated by the Hong Kong Securities and Futures Commission, for distribution in Hong Kong by NlHK. This document is intended only for investors who are 'professional investors' for the purposes of applicable regulations in Hong Kong and may not, therefore, be redistributed to persons who are not 'professional investors' for such purposes.

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, an exempt financial adviser as defined under the Financial Advisers Act (Chapter 110), among other things, and regulated by the Monetary Authority of Singapore. NSL may distribute this document produced by its foreign affiliates pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the recipient of this document is not an accredited, expert or institutional investor as defined by the Securities and Futures Act (Chapter 289), NSL accepts legal responsibility for the contents of this document in respect of such recipient only to the extent required by law. Recipients of this document in Singapore should contact NSL in respect of matters arising from, or in connection with, this document. THIS DOCUMENT IS INTENDED FOR GENERAL CIRCULATION. IT DOES NOT TAKE INTO ACCOUNT THE SPECIFIC INVESTMENT OBJECTIVES, FINANCIAL SITUATION OR PARTICULAR NEEDS OF ANY PARTICULAR PERSON. RECIPIENTS SHOULD TAKE INTO ACCOUNT THEIR SPECIFIC INVESTMENT OBJECTIVES, FINANCIAL SITUATION OR PARTICULAR NEEDS BEFORE MAKING A COMMITMENT TO PURCHASE ANY SECURITIES, INCLUDING SEEKING ADVICE FROM AN INDEPENDENT FINANCIAL ADVISER REGARDING THE SUITABILITY OF THE INVESTMENT, UNDER A SEPARATE ENGAGEMENT, AS THE RECIPIENT DEEMS FIT.

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.

The entity that prepared this document permits its separately operated affiliates within the Nomura Group to make copies of such documents available to their clients.

This document has not been approved for distribution to persons other than 'Authorised Persons', 'Exempt Persons' or 'Institutions' (as defined by the Capital Markets Authority) in the Kingdom of Saudi Arabia ('Saudi Arabia') or a 'Market Counterparty' or a 'Professional Client' (as defined by the Dubai Financial Services Authority) in the United Arab Emirates ('UAE') or a 'Market Counterparty' or a 'Business Customer' (as defined by the Qatar Financial Centre Regulatory Authority) in the State of Qatar ('Qatar') by Nomura Saudi Arabia, Nlplc or any other member of the 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 in Qatar or to any person other than 'Authorised Persons', 'Exempt Persons' or 'Institutions' located in Saudi Arabia or a 'Market Counterparty' or a 'Professional Client' in the UAE or a 'Market Counterparty' or a 'Business Customer' in Qatar. Any failure to comply with these restrictions may constitute a violation of the laws of the UAE or Saudi Arabia or Qatar.

For report with reference of TAIWAN public companies or authored by Taiwan based research analyst:

THIS DOCUMENT IS SOLELY FOR REFERENCE ONLY. You should independently evaluate the investment risks and are solely responsible for your investment decisions. NO PORTION OF THE REPORT MAY BE REPRODUCED OR QUOTED BY THE PRESS OR ANY OTHER PERSON WITHOUT WRITTEN AUTHORIZATION FROM NOMURA GROUP. Pursuant to Operational Regulations Governing Securities Firms Recommending Trades in Securities to Customers and/or other applicable laws or regulations in Taiwan, you are prohibited to provide the reports to others (including but not limited to related parties, affiliated companies and any other third parties) or engage in any activities in connection with the reports which may involve conflicts of interests. INFORMATION ON SECURITIES / INSTRUMENTS NOT EXECUTABLE BY NOMURA INTERNATIONAL (HONG KONG) LTD., TAIPEI BRANCH IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT BE CONSTRUED AS A RECOMMENDATION OR A SOLICITATION TO TRADE IN SUCH SECURITIES / INSTRUMENTS.

This material may not be distributed in Indonesia or passed on within the territory of the Republic of Indonesia or to persons who are Indonesian citizens (wherever they are domiciled or located) or entities of or residents in Indonesia in a manner which constitutes a public offering under the laws of the Republic of Indonesia. The securities mentioned in this document may not be offered or sold in Indonesia or to persons who are

citizens of Indonesia (wherever they are domiciled or located) or entities of or residents in Indonesia in a manner which constitutes a public offering under the laws of the Republic of Indonesia.

This document is prepared by Nomura Group or its subsidiary or affiliate (collectively, "Offshore Issuers") that is not licensed in the People's Republic of China ("PRC", excluding Hong Kong, Macau and Taiwan, for the purpose of this document) to provide securities research and this research report is not approved or intended to be circulated in the PRC. The A-share related analysis (if any) is not produced for any persons located or incorporated in the PRC. The recipients should not rely on any information contained in the research report in making investment decisions and Offshore Issuers take no responsibility in this regard.

NO PART OF THIS MATERIAL MAY BE (I) COPIED, PHOTOCOPIED, REPRODUCED OR DUPLICATED IN ANY FORM, BY ANY MEANS; OR (II) REDISSEMINATED, REPUBLISHED OR REDISTRIBUTED WITHOUT THE PRIOR WRITTEN CONSENT OF A MEMBER OF THE NOMURA GROUP. 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 (in negligence or otherwise, and in whole or in part) 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

Credit ratings in the text that are marked with an asterisk (*) are issued by a rating agency not registered under Japan's Financial Instruments and Exchange Act ("Unregistered Ratings"). For details on Unregistered Ratings, please contact the Research Production Operation Dept. of Nomura Securities Co., Ltd.

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 (all figures on a tax-inclusive basis) of up to 1.43% of the transaction amount or a commission of ¥2,860 for transactions of ¥200,000 or less, while transactions involving investment trusts are subject to various fees, such as commissions at the time of purchase and asset management fees, such as commissions at the time of purchase and asset management fees (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.

Nomura Securities Co., Ltd.

Financial instruments firm registered with the Kanto Local Finance Bureau (registration No. 142)

Member associations: Japan Securities Dealers Association; Japan Investment Advisers Association; The Financial Futures Association of Japan; and Type II Financial Instruments Firms Association.

The 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 regarding the methodologies or models used in the production of any investment recommendations contained within this document is available upon request by contacting the Research Analysts of Nomura listed on the front page. Disclosures information is available upon request and disclosure information is available at the Nomura Disclosure web

page: <http://go.nomuranow.com/research/m/Disclosures>

Copyright © 2023 Nomura Securities Co., Ltd. All rights reserved.