

Phu Nhuan Jewelry (PNJ)

Jewelry retail maintaining growth

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2Q24 business results strongly grew, completing 59.5% of the 2024 revenue plan

At the end of 2Q24, Phu Nhuan Jewelry (PNJ) recorded VND9,605 billion in net revenue (+42.6% YoY) thanks to the continuously rising gold market. Gross profit reached VND1,481 billion, equivalent to a GPM of 15.6%, decreasing 2.6ppts YoY due to the gold bar segment having a very small profit margin but increasing its proportion in 1H24. Net profit gained 26.9% YoY to VND428 billion, reaching 55.8% of the full-year plan by the end of 2Q.

PNJ's 24K gold segment shows signs of cooling down after a period of peaking gold prices 24K gold revenue skyrocketed 81.6% YoY to VND9,177 billion as the gold prices keep peaking in 1H24. However, PNJ's 24K gold revenue in July dropped 36.5% YoY to VND425 billion as state-owned commercial banks started selling SJC gold bars to the market from June 2024, causing the prices of SJC gold bars to fall and approach the international gold prices.

Retail segment maintains stable growth

The sales of jewelry retail were more than VND4,586 billion, up 17% YoY. PNJ opened 10 new stores but closed six in 2Q. However, jewelry retail continued to maintain growth thanks to PNJ continuously launching many new collections suitable for customer tastes and implementing many effective marketing campaigns and sales programs. Wholesale revenue also increased slightly thanks to the warming gold market, helping to increase the number of orders.

Valuation: NEUTRAL rating - Target price VND109,800

PNJ's 2024 net revenue and NPAT should reach VND 37,789 billion (+14% YoY) and VND2,232 billion (+13.2% YoY). We gave a NEUTRAL rating to PNJ shares with a price target of VND109,800.

Neutral change

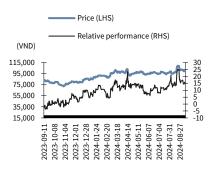
Target price	VND109,800
Upside	10.2%
Current price (Sep 16, 2024)	VND99,700
Consensus target price	VND120,700
Market cap (VNDtn/USDbn)	33.2/1.4

Trading data	
Free float	89.3%
3M avg trading value (VNDbn/USDmn)	123.4/4.9
Foreign ownership	49.0%
Major shareholder	Vietfund (9.16%)

Share price performance						
(%)	1M	3M	6M	12M		
Absolute	3.6	5.0	0.0	18.4		
Relative	1.0	7.3	-1.6	15.8		

Forecast earnings & valuation	1
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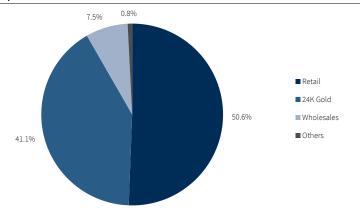
FY-end	2022	2023	2024F	2025F
Net revenue (VNDbn)	33,876	33,137	37,789	41,972
Operating income/loss (VNDbn)	2,406	2,607	2,920	3,402
NPAT-MI (VNDbn)	1,811	1,971	2,232	2,583
EPS (VND)	5,973	6,009	6,802	7,870
EPS growth (%)	32.0	0.6	13.2	15.7
P/E (x)	16.7	16.6	14.6	12.7
P/B (x)	3.9	3.6	3.2	2.8
ROE (%)	21.4	20.1	20.6	21.3
Dividend yield (%)	2.5	1.4	2.0	2.0



Source: Bloomberg, KB Securities Vietnam



Revenue composition (2023)



Business operation

Phu Nhuan Jewelry (PNJ) was established in 1988, starting from Phu Nhuan Jewelry store. After more than 35 years of operation and development, PNJ has become one of the leading enterprises in the gold jewelry production and trading industry in Vietnam with a gold jewelry market share of 30% and a network of more than 400 stores covering the whole country.

Source: Phu Nhuan Jewelry, KB Securities Vietnam

Investment Catalysts

PNJ expects it can maintain long-term growth momentum of jewelry retail segment with: (1)Supportive macro factors, (2) more room to open new stores, and (3) improved sales per store.

Expected to stabilize gold price to help improve PNJ's business situation in 2H2024.

Notes

Please find more details here

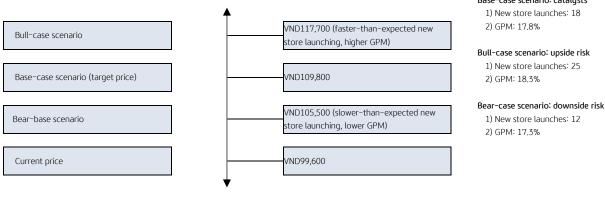
Please see more details below

Revised earnings estimates

(VNDbn)	KBSV estimates		Change vs previous estimates		Consensus*			Difference
	2024E	2025E	2024E	2025E	2024E	2025E	2024E	2025E
Revenue	37,789	41,972	-8%	1%	40,466	42,721	-7%	-2%
EBIT	2,920	3,402	6%	1%	2,803	3,348	4%	2%
NP after MI	2,232	2,583	5%	-1%	2,189	2,639	2%	-2%

Source: Bloomberg, KB Securities Vietnam

Investment opinion & risks



Base-case scenario: catalysts



2Q24 performance updates

PNJ posted impressive revenue growth, especially from the 24K gold business segment PNJ recorded VND24,621 billion in 7M24 net revenue (+30.8% YoY), of which the 24K gold bar segment saw a strong increase of 67.8% YoY thanks to the vibrant gold market in 1H24. Meanwhile, the jewelry retail segment continued to maintain growth of 14.6% YoY, bringing the total number of stores to 409 stores in July. NPAT gained 4.0% YoY to VND1,218 billion, equal to 58.3% of the full-year target.

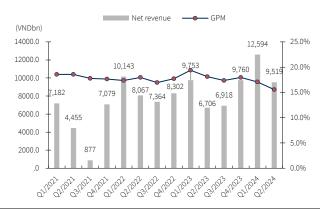
Table 1. PNJ - 1H24 updated results

(VNDbn, %)	2Q23	2Q24	+/-%YoY	1H23	1H24	+/-%YoY	Notes
Revenue	6,663	9,519	42.9%	16,459	22,113	34.3%	
Jewelry retail	3,919	4,586	17.0%	9,546	10,946	14.7%	PNJ made efforts to launch many new collections that suit customer tastes and implemented many effective marketing campaigns and sales programs, thereby attracting many new customers and increasing the rate of returning old customers.
24K gold	1,971	4,013	103.6%	5,053	9,177	81.6%	Revenue increased sharply from the 24K gold segment thanks to the vibrant gold market and peaking gold prices.
Jewelry wholesale	620	869	40.1%	1,498	1,813	21.1%	PNJ expanded its customer network.
Gross profit	1,210	1,481	22.4%	3,110	3,630	16.8%	Gross profit margin decreased due to the sharp
Gross profit margin	18.2%	15.6%	-2.6ppts	18.9%	16.4%	-2.5ppts	increase in the proportion of 24K revenue, contributing 41.5% in revenue.
Financial income	36	8	-77.8%	50	22	-55.8%	Financial income declined due to a plunge in term deposits.
Financial expenses	-39	-14	-64.3%	-77	-38	-50.9%	Financial expenses plummeted due to a decrease of 88.4% in short–term loans.
SG&A	-772	-938	21.5%	-1,707	-2,141	25.5%	
Operating profit/loss	435	537	23.5%	1,376	1,474	7.1%	
Profit before taxes (PBT)	436	533	22.3%	1,379	1,469	6.5%	
Profit after taxes (NPAT)	338	428	26.9%	1,086	1,166	7.4%	Although revenue increased sharply, it was mainly in
NP after MI	338	428	26.9%	1,086	1,166	7.4%	the gold bar segment with very low profits, so the
NPAT margin	5.1%	4.5%	-0.6ppts	6.6%	5.3%	-1.3ppts	company's NPAT did not fluctuate much.

Source: Phu Nhuan Jewelry, KB Securities Vietnam

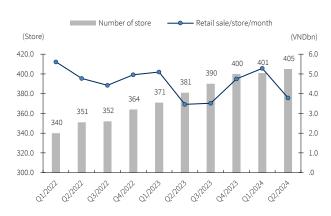


Fig 2. PNJ - Net revenue & GPM (VNDbn, %)



Source: Phu Nhuan Jewelry, KB Securities Vietnam

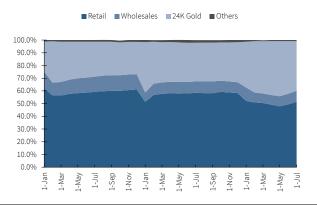
Fig 4. PNJ – Retail sales per stores and store number (VNDbn, store)



Source: Phu Nhuan Jewelry, KB Securities Vietnam

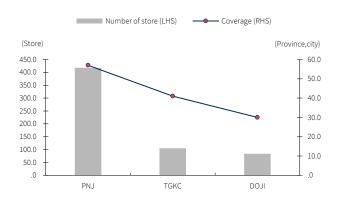
In April 2024, PNJ paid the first dividend of 2023 at a rate of 6%, equivalent to VND600/share, totaling VND201 billion. The remaining dividend will be paid in 2H24, equivalent to VND1,400/share. At the 2024 AGM held on April 16, 2024, PNJ also finalized the expected dividend for 2024 to remain at 20% in cash.

Fig 3. PNJ - Revenue breakdown (%)



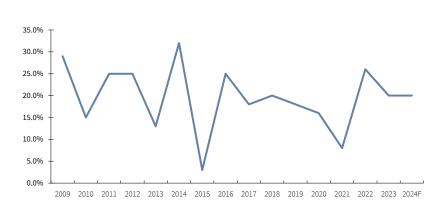
Source: Phu Nhuan Jewelry, KB Securities Vietnam

Fig 5. PNJ, Diamond World, Doji – Store number & coverage (store, provinces & cities)



Source: Phu Nhuan Jewelry, KB Securities Vietnam

Fig 6. PNJ - Cash dividend yields in 2019-2024F



Source: Phu Nhuan Jewelry, KB Securities Vietnam

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Jewelry retail segment maintains positive growth

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By the end of 7M24, PNJ recorded jewelry retail revenue of VND12,680 billion, rising 15% YoY, and the number of stores reached 409 stores. We expect the jewelry retail sales to maintain positive growth and reach VND22,071 billion (+14.4% YoY) in 2024 for the following reasons:

- (1) Supportive macro factors: (i) Vietnam's PMI surged to 54.7 in June and July, indicating a recovery in the manufacturing industry. According to the S&P Global PMI, new orders increased for the fourth consecutive month in July, and the pace of increase was only slightly slower than the near–record level in June. Significant improvements were recorded in all sectors of consumer goods, intermediate goods and capital goods. (ii) Improved incomes of people boost consumer demand with a 30% increase in the minimum wage from VND1.8 million/month to VND2.34 million/month from July 1, 2024 and a 2% reduction in VAT for goods and services until December 31, 2024.
- (2) Potential of new store launches: We expect PNJ to open 18 and 30 new stores in 2024 and 2025, based on: (i) The middle- and high-income group (over USD11/day) in Vietnam will account for 74% by 2030 (according to McKinsey). (ii) PNJ's coverage in the northern market is still low, and this will be the target market of PNJ in the coming time.
- (3) Improving retail sales per store: Ending 2Q24, average sales store of PNJ improved by 9.3% YoY, reaching VND3.8 billion (Figure 4). KBSV expects the figure for the whole year 2024 to grow by 5% YoY because (i) PNJ always improves customer service quality and focuses on improving design capacity, researching new production technology and diversifying product portfolio to reach many customer segments; and (ii) it also successfully implemented a series of customer engagement programs and oriented consumption habits on special occasions, thereby retaining old customers.



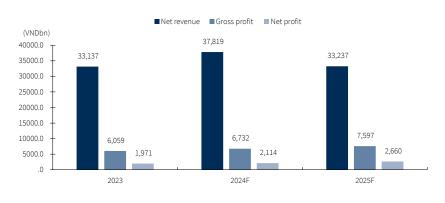
Forecast & valuation

Table 7. PNJ - 2024-2025F results

(VNDbn, %)	2023	2024F	+/-%YoY	2025F	+/-%YoY	Assumptions
Revenue	33,137	37,789	14.0%	41,972	11.1%	
						- Sales per store increase by 5% YoY
Jewelry retail	19,286	22,071	14.4%	24,842	12.6%	- The number of newly opened stores reach 15 stores due to the
						slower opening rate than expected in 1H24.
						The forecast was lowered by VND2,379 billion compared to the old
24K gold	10,438	12,526	20.0%	13,778	10.0%	forecast because the revenue from the gold bar segment showed
						signs of cooling down in July. KBSV expects the gold market to stabilize again in 2H24.
Jewelry wholesale	2,850	3,192	12.0%	3,351	5.0%	
Gross profit	6,059	6,700	10.6%	7,631	13.9%	The profit margin is expected to recover in the coming time because
						(1) the gold market stabilizes again; and (2) PNJ continues to
Gross profit margin	18.3%	17.7%	-0.6ppts	18.2%	0.5ppts	implement measures to optimize resources and improve operational capacity.
Financial income			20,1%	120	1.9%	
i ilidiicidi ilicome	98	117	20.176	120	1.776	
Financial expenses	-143	-105	-26.2%	-145	38.0%	
			40.40	4740	44.60	
SG&A	-3,530	-3,898	10.4%	-4,349	11.6%	
Profit before taxes (PBT)	2,489	2,814	13.1%	3,256	15.7%	
Profit after taxes (NPAT)			13.2%	2,583	15.7%	
	1,971	2,232	_3.27	_,505	_5	
NP after MI	1,971	2,232	13.2%	2,583	15.7%	
NPAT margin	5.9%	5.9%	0.0ppts	6.2%	0.2ppts	
INFATITIALYILI	2.7%	5.7%	υ.υμρις	0.2 %	U.ZpptS	

Source: Phu Nhuan Jewelry, KB Securities Vietnam

Fig 8. PNJ - 2024-2025F performance



Source: Phu Nhuan Jewelry, KB Securities Vietnam

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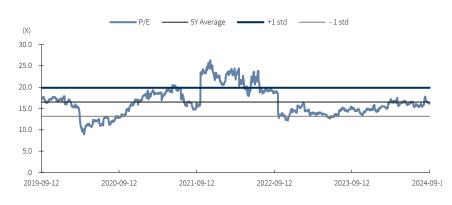
Valuation: NEUTRAL rating – Target price VND109,800

We used two methods (1) FCFF and (2) comparables to value PNJ stock:

- (1) FCFF: We used the FCFF with the assumptions stated below. We give a target price of VND107,400/share for PNJ.
- (2) Comparables: We use a target P/E of 16.5x, equivalent to the average P/E in the last five years. The target EPS is VND6,799/share. We give PNJ a target price of VND112,300/share for this method.

With a 50–50 weighting for each method in the valuation model, we gave a NEUTRAL rating to PNJ with a price target of VND109,800, 10.2% higher than the closing price on September 17, 2024.

Fig 9. PNJ - P/E in 2019-2024 (x)



Source: Bloomberg, KB Securities Vietnam

Table 11. PNJ - FCFF & assumptions

Target price			107,368
WACC	9.89%	Outstanding shares	328,169,188
Duration	5	Equity value	35,235
Terminal growth	3.5%	Total debt	2,384
Beta	0.87	Short-term investments	756
Risk-free rate	4.70%	Cash & equivalents	1,706
Cost of debt	3.17%	PV value of FCFF	35,913
Cost of equity	11.52%	PV of terminal value	46,122

Source: Phu Nhuan Jewelry, KB Securities Vietnam

PNJ - 2022A-2025F financials

					D. I. Cl. I				
Income Statement (VND billion)	2022	2023	2024F	2025F	Balance Sheet	2022	2023	2024F	2025F
, ,	33,876	33,137	37,789	41,972	(VND billion) Total Asset	13,337	14,428	16,109	18,022
Net sales Cost of sales	-27,949	-27,078	-31,089	-34,341	Current Âsset	11,966	12,958	14,176	16,006
Gross Profit	5,927	6,059	6,700	7,631	Cash and cash equivalents	880	896	1,348	1,063
Financial income	54	98	117	120	Short-term investments	200	810	756	839
Financial expenses	-141	-143	-105	-145	Accounts receivable	301	215	249	289
of which: interest expenses	-94	-119	-105	-145	Inventories	10,506	10,941	11,712	13,691
Gain/(loss) from joint ventures (from 2015)	0	0	0	0	LONG-TERM ASSETS	1,371	1,469	1,933	2,016
Selling expenses	-2,828	-2,836	-3,217	-3,556	Long-term trade receivables	94	105	0	(
General and admin expenses	-674	-694	-681	-792	Fixed assets	882	883	848	812
Operating profit/(loss)	2,337	2,484	2,814	3,256	Long-term incomplete assets	31	29	31	33
Other incomes	9	12	0	0	Nợ phải trả	4,893	4,621	5,285	5,918
Other expenses	-34	-7	0	0	LIABILITIES	4,883	4,612	5,285	5,917
Net other income/(expenses)	42 0	19 0	0	0	Current liabilities	277 222	257 215	441 265	554 295
Income from investments in other entities Net accounting profit/(loss) before tax	2,380	2,503	2,814	3,256	Advances from customers Short-term borrowings	2,683	2,384	2,632	2,906
Corporate income tax expenses	-502	-518	-582	-674	Long-term liabilities	10	2,304	2,032	2,300
Corporate income tax expenses					Long-term advances from				
Net profit/(loss) after tax	1,811	1,971	2,232	2,583	customers	0	0	0	(
Minority interests	0	0	0	0	Unrealized revenue	0	0	0	C
Attributable to parent company	1,811	1,971	2,232	2,583	Long-term borrowings	0	0	0	(
					Vốn chủ sở hữu	8,444	9,806	10,824	12,10
					OWNER'S EQUITY	2,462	3,282	3,282	3,282
Margin ratio	2022	2023	2024F	2025F	Paid-in capital	2,251	1,851	1,851	1,85
Gross profit margin	17.5%	18.3%	17.7%	18.2%	Share premium	2,522	2,740	3,758	5,039
EBITDA margin	7.3%	8.1%	8.0%	8.4%	Undistributed earnings	1,209	1,933	1,933	1,933
EBIT margin	7.1%	7.9%	7.7%	8.1%	Minority interests	0	0	0	(
Pre-tax profit margin	6.8%	7.5%	7.4%	7.8%					
Operating profit margin	6.9% 5.3%	7.5% 5.9%	7.4% 5.9%	7.8% 6.2%					
Net profit margin	3.3%	3.9%	3.9%	6.2%					
Cash Flow Statement					Key ratios				
(VND billion)	2022	2023	2024F	2025F	(x, %, VND)	2022A	2023E	2024E	2025E
Net profit/(loss) before tax	2,312	2,489	2,814	3,256	Multiple				
Depreciation and amortisation	80	81	116	105	P/E	16.7	16.6	14.6	12.7
·	-21	-80	0	0	P/E diluted	16.7	16.6	14.6	12.7
Profit/loss from investing activities	94	119	105	145		3.9	3.6	3.2	2.8
Interest expense Operating profit/(loss) before changes in Working					P/B		3.0		
Capital	2,460	2,610	3,035	3,507	P/S	0.9	1.0	0.9	0.8
(Increase)/decrease in receivables	-52				1/3				
	-32	39	-29	-39		3.9	3.6	3.2	2.8
(Increase)/decrease in inventories	-1,753	39 -437	-29 -767	-39 -1,980	P/Tangible Book	3.9 12.3	3.6 12.5	3.2 17.1	
(Increase)/decrease in inventories	-1,753	-437	-767	-1,980	P/Tangible Book P/Cash Flow	12.3	12.5	17.1	12.2
Increase/(decrease) in payables	-1,753 77	-437 92	-767 381	-1,980 306	P/Tangible Book P/Cash Flow EV/EBITDA	12.3 13.2	12.5 13.0	17.1 11.6	12.2 10.2
	-1,753	-437	-767	-1,980	P/Tangible Book P/Cash Flow	12.3	12.5	17.1	12.2 10.2
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term	-1,753 77 -60 -571	-437 92 -104 -693	-767 381 0 -436	-1,980 306 0 -15	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT	12.3 13.2	12.5 13.0	17.1 11.6	12.2 10.2
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets	-1,753 77 -60 -571	-437 92 -104 -693 1,508	-767 381 0 -436 1,497	-1,980 306 0 -15	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT	12.3 13.2 13.7	12.5 13.0 13.4	17.1 11.6 12.1	12.: 10.: 10.!
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term	-1,753 77 -60 -571 101 -52	-437 92 -104 -693 1,508 -83	-767 381 0 -436 1,497 -81	-1,980 306 0 -15 959 -69	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT	12.3 13.2 13.7	12.5 13.0 13.4	17.1 11.6 12.1	12.3 10.3 10.5
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments	-1,753 77 -60 -571	-437 92 -104 -693 1,508	-767 381 0 -436 1,497	-1,980 306 0 -15	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT	12.3 13.2 13.7	12.5 13.0 13.4	17.1 11.6 12.1	12.2 10.2 10.5
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts	-1,753 77 -60 -571 101 -52	-437 92 -104 -693 1,508 -83	-767 381 0 -436 1,497 -81	-1,980 306 0 -15 959 -69	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA	12.3 13.2 13.7	12.5 13.0 13.4	17.1 11.6 12.1	12.2 10.2 10.5 21.3%
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments	-1,753 77 -60 -571 101 -52 1 -540	-437 92 -104 -693 1,508 -83 2 -2,240	-767 381 0 -436 1,497 -81 0	-1,980 306 0 -15 959 -69 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC	12.3 13.2 13.7 21.4% 13.6%	12.5 13.0 13.4 20.1% 13.7%	17.1 11.6 12.1 20.6% 13.9%	12.2 10.2 10.5 21.3%
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities	-1,753 77 -60 -571 101 -52 1 -540 200	-437 92 -104 -693 1,508 -83 2 -2,240 1,680	-767 381 0 -436 1,497 -81 0 0	-1,980 306 0 -15 959 -69 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure	12.3 13.2 13.7 21.4% 13.6% 23.5%	12.5 13.0 13.4 20.1% 13.7% 23.1%	17.1 11.6 12.1 20.6% 13.9% 24.1%	12.2 10.3 10.9 21.3% 14.3% 24.4%
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments	-1,753 77 -60 -571 101 -52 1 -540 200 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4	-767 381 0 -436 1,497 -81 0 0 0	-1,980 306 0 -15 959 -69 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC	12.3 13.2 13.7 21.4% 13.6% 23.5%	12.5 13.0 13.4 20.1% 13.7% 23.1%	17.1 11.6 12.1 20.6% 13.9% 24.1%	12.2 10.3 10.9 21.3% 14.3% 24.4%
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received	-1,753 77 -60 -571 101 -52 1 -540 200	-437 92 -104 -693 1,508 -83 2 -2,240 1,680	-767 381 0 -436 1,497 -81 0 0	-1,980 306 0 -15 959 -69 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure	12.3 13.2 13.7 21.4% 13.6% 23.5%	12.5 13.0 13.4 20.1% 13.7% 23.1%	17.1 11.6 12.1 20.6% 13.9% 24.1%	12.2 10.3 10.5 21.3% 14.3% 24.4%
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing	-1,753 77 -60 -571 101 -52 1 -540 200 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4	-767 381 0 -436 1,497 -81 0 0 0	-1,980 306 0 -15 959 -69 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio	12.3 13.2 13.7 21.4% 13.6% 23.5%	12.5 13.0 13.4 20.1% 13.7% 23.1%	17.1 11.6 12.1 20.6% 13.9% 24.1%	12.2 10.3 10.5 21.3% 14.3% 24.4%
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities	-1,753 77 -60 -571 101 -52 1 -540 200 0 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66	-767 381 0 -436 1,497 -81 0 0 0 0 0	-1,980 306 0 -15 959 -69 0 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio	12.3 13.2 13.7 21.4% 13.6% 23.5%	12.5 13.0 13.4 20.1% 13.7% 23.1%	20.6% 13.9% 24.1%	12.5 10.5 10.5 21.3% 14.3% 24.4% 0.6
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78	-1,980 306 0 -15 959 -69 0 0 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4	20.6% 13.9% 24.1%	12.5 10.5 10.5 21.3% 14.3% 24.4% 0.6 0.5
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578	-767 381 0 -436 1,497 -81 0 0 0 0 -0 0 -78	-1,980 306 0 -15 959 -69 0 0 0 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0	20.6% 13.9% 24.1%	12.2 10.3 10.8 21.3% 14.3% 24.4% 0.6 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0	-767 381 0 -436 1,497 -81 0 0 0 0 -78 0 0	-1,980 306 0 -15 959 -69 0 0 0 0 0 -216	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets Debt/Equity	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.0	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.0	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.0 0.2	12.2 10.3 10.5 21.3% 14.3% 24.4% 0.6 0.3 0.6 0.6
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159	-767 381 0 -436 1,497 -81 0 0 0 0 -78 0 248	-1,980 306 0 -15 959 -69 0 0 0 0 0 -216 0 0 274	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.0 0.2	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.0 0.2	12.3 10.3 110.9 21.3% 14.3% 24.4% 0.0 0.0 0.0 0.0
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261 -6,300	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458	-767 381 0 -436 1,497 -81 0 0 0 0 -78 0 0 248	-1,980 306 0 -15 959 -69 0 0 0 0 -216 0 0 274	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.2	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5	12.3 10.3 110.9 21.3% 14.3% 24.4% 0.4 0.1 0.1 0.1 0.2 0.2 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261 -6,300 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458 0	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78 0 0 248 0 0	-1,980 306 0 -15 959 -69 0 0 0 0 -216 0 0 274 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Total Assets	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6 0.4	20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3	12.3 10.3 11.3 14.3 24.4 0.4 0.1 0.1 0.3 0.3 0.3 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid Interests, dividends, profits received	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261 -6,300	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458	-767 381 0 -436 1,497 -81 0 0 0 0 -78 0 0 248	-1,980 306 0 -15 959 -69 0 0 0 0 -216 0 0 274	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Fquity ST Liabilities/Fquity	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.2	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5	12.3 10.3 11.3 14.3 24.4 0.4 0.1 0.1 0.3 0.3 0.3 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid Interests, dividends, profits received Net cash inflows/(outflows) from financing	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261 -6,300 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458 0	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78 0 0 248 0 0	-1,980 306 0 -15 959 -69 0 0 0 0 -216 0 0 274 0 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Fquity LT Debt/Fotal Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Fquity Total Liabilities/Total	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6 0.4	20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3	12.2 10.3 10.5 21.3% 14.3% 24.4% 0.6 0.3 0.0 0.2 0.2 0.3 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid Interests, dividends, profits received Net cash inflows/(outflows) from financing activities	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261 -6,300 0 -617 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458 0 -615	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78 0 0 248 0 0 -1,214	-1,980 306 0 -15 959 -69 0 0 0 -216 0 274 0 0 -1,302	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Fotal Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Fquity Total Liabilities/Fquity Total Liabilities/Total Assets	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6 0.4 0.6	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3 0.5	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3	12.2 10.3 10.5 21.3% 14.3% 24.4% 0.6 0.3 0.0 0.2 0.2 0.3 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid Interests, dividends, profits received Net cash inflows/(outflows) from financing	-1,753 77 -60 -571 101 -52 1 -540 200 0 20 -371 1,447 0 6,261 -6,300 0 -617 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458 0 -615 0	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78 0 0 248 0 0 -1,214 0	-1,980 306 0 -15 959 -69 0 0 0 0 -216 0 0 274 0 0 -1,302 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Fquity LT Debt/Fotal Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Fquity Total Liabilities/Total	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6 0.4	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.2 0.5 0.3 0.5	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3 0.5	12.2 10.2 10.5 21.3% 14.3% 24.4% 0.6 0.3 0.0 0.2 0.2 0.5 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid Interests, dividends, profits received Net cash inflows/(outflows) from financing activities	-1,753 77 -60 -571 101 -52 1 -540 200 0 0 20 -371 1,447 0 6,261 -6,300 0 -617 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458 0 -615	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78 0 0 248 0 0 -1,214	-1,980 306 0 -15 959 -69 0 0 0 -216 0 274 0 0 -1,302	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio LT Debt/Equity LT Debt/Total Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Total Assets Total Liabilities/Total Assets Total Liabilities/Total Assets Activity ratios	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6 0.4 0.6	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3 0.5	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3	12.2 10.2 10.5 21.3% 14.3% 24.4% 0.6 0.3 0.0 0.2 0.2 0.5 0.3
Increase/(decrease) in payables (Increase)/decrease in prepaid expenses Net cash inflows/(outflows) from operating activities Purchases of fixed assets and other long term assets Proceeds from disposal of fixed assets Loans granted, purchases of debt instruments Collection of loans, proceeds from sales of debts instruments Investments in other entities Proceeds from divestment in other entities Proceeds from divestment in other entities Dividends and interest received Net cash inflows/(outflows) from investing activities Proceeds from issue of shares Payments for share returns and repurchases Proceeds from borrowings Repayment of borrowings Finance lease principal payments Dividends paid Interests, dividends, profits received Net cash inflows/(outflows) from financing activities Net increase in cash and cash equivalents Cash and cash equivalents at the beginning of	-1,753 77 -60 -571 101 -52 1 -540 200 0 20 -371 1,447 0 6,261 -6,300 0 -617 0	-437 92 -104 -693 1,508 -83 2 -2,240 1,680 -4 0 66 -578 0 0 8,159 -8,458 0 -615 0	-767 381 0 -436 1,497 -81 0 0 0 0 0 -78 0 0 248 0 0 -1,214 0	-1,980 306 0 -15 959 -69 0 0 0 0 -216 0 0 274 0 0 -1,302 0	P/Tangible Book P/Cash Flow EV/EBITDA EV/EBIT Operating performance ROE ROA ROIC Financial structure Cash Ratio Quick Ratio Current Ratio LT Debt/Equity LT Debt/Total Assets Debt/Equity Debt/Total Assets ST Liabilities/Equity ST Liabilities/Equity Total Liabilities/Equity Total Liabilities/Total Assets Total Liabilities/Total Assets Activity ratios Account Receivable	12.3 13.2 13.7 21.4% 13.6% 23.5% 0.3 0.0 0.2 0.0 0.3 0.2 0.6 0.4	12.5 13.0 13.4 20.1% 13.7% 23.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.2 0.5 0.3 0.5	20.6% 13.9% 24.1% 0.4 0.0 0.4 0.0 0.2 0.2 0.5 0.3 0.5	2.8 12.2 10.2 10.5 21.3% 14.3% 24.4% 0.4 0.0 0.3 0.0 0.2 0.2 0.3 0.5 0.3

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Investment ratings & definitions

Investment Ratings for Stocks

(based on expectations for absolute price gains over the next 6 months)

Buy:	Neutral:	Sell:
+15% or more	+15% to -15%	-15% or more

Investment Ratings for Sectors

(based on expectations for absolute price gains over the next 6 months)

Positive:	Neutral:	Negative:
Outperform the market	Perform in line with the market	Underperform the market

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