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March 30, 2016





# **COMPANY UPDATE**

# Zijin Mining (H) (2899.HK)

Neutral **Equity Research** 

# Zijin NDR takeaway: Seek volume growth to offset price headwinds

## What's changed

We hosted Zijin management for a post results non-deal roadshow in Hong Kong on Mar 29.

### **Implications**

Key takeaways:

- Management positive on gold, cautious on copper Positive on gold (supported by macro factors like global liquidity), while cautious on copper (competition from low-cost mine additions).
- 2. Active in M&A, volume growth remains key strategy Zijin's gold/copper reserves were up by 21%/89% yoy in 2015, thanks to several major acquisitions. The company budgeted up to Rmb9bn for potential acquisitions in 2016 (actual spending may vary), and gold (then copper) is the most preferred metal. Company strategy: Maintain volume growth to dilute costs, expand into low cost assets.
- Greater flexibility of local government on employment issues Although Zijin's mined gold/copper volume was up by c.10% yoy in 2015, year-end headcount down 18% from 2014. This headcount reduction, although a part of cost control measures, did not appear to receive much pushback from the local government. However, the local government sometimes still promotes projects of high revenue but low economic value due to other reasons.

# Valuation

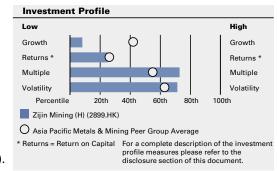
We revise 2016E-18E earnings by -2% to +9%, based on latest production plan, cost forecasts and lower financing expenses due to lower interest rates. Our 12-month target prices based on P/B vs. ROE are unchanged for Zijin (H) at HK\$2.00 and Zijin (A) at Rmb3.40. Remain Neutral.

#### Key risks

Commodity prices, sales volume and cost control effectiveness.

#### INVESTMENT LIST MEMBERSHIP

Neutral



| Key data                     |       | Current |             |        |
|------------------------------|-------|---------|-------------|--------|
| Price (HK\$)                 |       | 2.38    |             |        |
| 12 month price target (HK\$) |       | 2.00    |             |        |
| 601899.SS Price (Rmb)        | 3.25  |         |             |        |
| 601899.SS 12 month price to  |       | 3.40    |             |        |
| Market cap (HK\$ mn / US\$ n |       | 51,912. | 5 / 6,692.0 |        |
| Foreign ownership (%)        |       |         |             |        |
|                              | 12/15 | 12/16E  | 12/17E      | 12/18E |
|                              |       |         |             |        |

|                     | 12/15  | 12/16E | 12/17E | 12/18E |
|---------------------|--------|--------|--------|--------|
| EPS (Rmb) New       | 0.08   | 0.07   | 0.07   | 0.07   |
| EPS revision (%)    | 0.0    | (1.9)  | 4.5    | 8.6    |
| EPS growth (%)      | (29.3) | (10.6) | (0.4)  | 1.7    |
| EPS (dil) (Rmb) New | 0.08   | 0.07   | 0.07   | 0.07   |
| P/E (X)             | 24.9   | 29.1   | 29.2   | 28.7   |
| P/B (X)             | 1.5    | 1.5    | 1.4    | 1.3    |
| EV/EBITDA (X)       | 11.1   | 10.6   | 10.0   | 9.6    |
| Dividend yield (%)  | 0.0    | 0.0    | 0.0    | 0.0    |
| ROE (%)             | 6.0    | 5.2    | 5.0    | 4.8    |
| CROCI (%)           | 12.8   | 9.8    | 9.9    | 8.6    |
|                     |        |        |        |        |



| Share price performance (%)                | 3 month         | 6 month          | 12 month      |
|--|-----------------|------------------|---------------|
| Absolute                                   | 16.1            | 23.3             | 5.3           |
| Rel. to Hang Seng China Ent. Index         | 30.2            | 30.4             | 43.6          |
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#### Coverage View: Neutral

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# Zijin Mining (H): Summary Financials

| Profit model (Rmb mn)   | 12/15                | 12/16E               | 12/17E                 | 12/18E     | Balance sheet (Rmb mn)                    | 12/15                  | 12/16E   | 12/17E   | 12/18E   |
|---|----------------------|----------------------|------------------------|------------|---|------------------------|----------|----------|----------|
| Total revenue   | 74,303.6             | 75,990.6             | 73,838.0               | 77,602.7   | Cash & equivalents                        | 5,498.3                | 8,466.0  | 11,223.5 | 14,056.6 |
| Cost of goods sold  | (68,007.7)           | (69,095.7)           | (66,993.6)             | (70,541.2) | Accounts receivable                       | 3,187.2                | 3,259.5  | 3,167.2  | 3,328.7  |
| SG&A  | (3,312.6)            | (3,387.8)            | (3,291.8)              | (3,459.7)  | Inventory                                 | 10,951.3               | 11,126.5 | 10,788.0 | 11,359.3 |
| R&D   | (0,012.0)            |                      |                        |            | Other current assets                      | 2,158.1                | 2,207.1  | 2,144.6  | 2,253.9  |
| Other operating profit/(expense)  | (48.8)               | (326.0)              | (336.0)                | (331.6)    | Total current assets                      | 21,794.8               | 25,059.1 | 27,323.3 | 30,998.4 |
| EBITDA  | 6,235.4              | 6,733.6              | 7,017.7                | 7,297.1    | Net PP&E                                  | 35,760.3               | 37,160.5 | 38,120.7 | 38,140.0 |
| Depreciation & amortization   | (3,301.0)            | (3,552.5)            | (3,801.1)              | (4,026.9)  | Net intangibles                           | 10,780.7               | 10,070.5 | 9,360.3  | 8,650.1  |
| EBIT  | 2,934.4              | 3,181.1              | 3,216.6                | 3,270.2    | Total investments                         | 8,081.5                | 9,519.1  | 11,019.0 | 12,498.2 |
| Interest income   | 146.5                | 194.5                | 299.5                  | 397.1      | Other long-term assets                    | 7,496.7                | 7,666.9  | 7,449.7  | 7,829.5  |
| Interest expense  | (1,092.1)            | (1,298.5)            | (1,332.8)              | (1,447.8)  | Total assets                              | 83,914.0               | 89,476.1 | 93,273.0 | 98,116.2 |
| Income/(loss) from uncons. subs.  | (44.2)               | 0.0                  | 0.0                    | 0.0        |   | ,-                     | ,        | ,        | ,        |
| Others  | 141.7                | 0.0                  | 0.0                    | 0.0        | Accounts payable                          | 12,268.6               | 12,464.8 | 12,085.6 | 12,725.6 |
| Pretax profits  | 2,086.2              | 2,077.2              | 2,183.4                | 2,219.5    | Short-term debt                           | 11,448.1               | 14,448.1 | 16,448.1 | 18,448.1 |
| Income tax  | (743.5)              | (519.3)              | (545.8)                | (554.9)    | Other current liabilities                 | 7,809.7                | 8,617.6  | 9,156.2  | 9,694.8  |
| Minorities  | 313.0                | (77.9)               | (163.8)                | (166.5)    | Total current liabilities                 | 31,526.4               | 35,530.6 | 37,690.0 | 40,868.6 |
| Willonties  | 313.0                | (77.5)               | (103.0)                | (100.5)    | Long-term debt                            | 17,551.2               | 17,551.2 | 17,551.2 | 17,551.2 |
| Net income pre-preferred dividends  | 1,655.7              | 1,480.0              | 1,473.8                | 1,498.2    | Other long-term liabilities               | 2,908.2                | 2,908.2  | 2,908.2  | 2,908.2  |
| Preferred dividends   | 0.0                  | 0.0                  | 0.0                    | 0.0        | Total long-term liabilities               | 20,459.4               | 20,459.4 | 20,459.4 | 20,459.4 |
| Net income (pre-exceptionals)   | 1,655.7              | 1,480.0              | 1,473.8                | 1,498.2    | Total liabilities                         | 51,985.8               | 55,990.0 | 58,149.4 | 61,328.0 |
| Post-tax exceptionals   | 0.0                  | 0.0                  | 0.0                    | 0.0        | Total liabilities                         | 51,365.6               | 55,550.0 | 30,143.4 | 01,320.0 |
| Net income  | 1,655.7              | 1,480.0              |                        | 1,498.2    | Preferred shares                          | 0.0                    | 0.0      | 0.0      | 0.0      |
| Net income  | 1,000.7              | 1,480.0              | 1,473.8                | 1,496.2    |   |                        |          |          |          |
| EDC (harden and A) (Bark)   | 0.00                 | 0.07                 | 0.07                   | 0.07       | Total common equity                       | 27,537.2               | 29,017.1 | 30,490.9 | 31,989.1 |
| EPS (basic, pre-except) (Rmb)   | 0.08                 | 0.07                 | 0.07                   | 0.07       | Minority interest                         | 4,391.1                | 4,469.0  | 4,632.7  | 4,799.2  |
| EPS (basic, post-except) (Rmb)  | 0.08                 | 0.07                 | 0.07                   | 0.07       | Takal Bak Bakas O amalas                  | 00.014.0               | 00 470 4 | 00.070.0 | 00 440 0 |
| EPS (diluted, post-except) (Rmb)  | 0.08                 | 0.07                 | 0.07                   | 0.07       | Total liabilities & equity                | 83,914.0               | 89,476.1 | 93,273.0 | 98,116.2 |
| DPS (Rmb)   | 0.00                 | 0.00                 | 0.00                   | 0.00       | DVDC (Dools)                              | 4.00                   | 4.05     | 4.40     | 4 40     |
| Dividend payout ratio (%)   | 0.0                  | 0.0                  | 0.0                    | 0.0        | BVPS (Rmb)                                | 1.28                   | 1.35     | 1.42     | 1.48     |
| Free cash flow yield (%)  | 11.9                 | 5.4                  | 6.5                    | 5.3        |   |                        |          |          |          |
| Growth & margins (%)  | 12/15                | 12/16E               | 12/17E                 | 12/18E     | Ratios                                    | 12/15                  | 12/16E   | 12/17E   | 12/18E   |
| Sales growth  | 26.5                 | 2.3                  | (2.8)                  | 5.1        | CROCI (%)                                 | 12.8                   | 9.8      | 9.9      | 8.6      |
| EBITDA growth   | (9.0)                | 8.0                  | 4.2                    | 4.0        | ROE (%)                                   | 6.0                    | 5.2      | 5.0      | 4.8      |
| EBIT growth   | (30.2)               | 8.4                  | 1.1                    | 1.7        | ROA (%)                                   | 2.1                    | 1.7      | 1.6      | 1.6      |
| Net income growth   | (29.4)               | (10.6)               | (0.4)                  | 1.7        | ROACE (%)                                 | 3.7                    | 4.2      | 4.2      | 4.2      |
| EPS growth  | (29.3)               | (10.6)               | (0.4)                  | 1.7        | Inventory days                            | 57.2                   | 58.3     | 59.7     | 57.3     |
| Gross margin  | 8.5                  | 9.1                  | 9.3                    | 9.1        | Receivables days                          | 16.9                   | 15.5     | 15.9     | 15.3     |
| EBITDA margin   | 8.4                  | 8.9                  | 9.5                    | 9.4        | Payable days                              | 57.1                   | 65.3     | 66.9     | 64.2     |
| EBIT margin   | 3.9                  | 4.2                  | 4.4                    | 4.2        | Net debt/equity (%) 73.6                  |                        | 70.3     | 64.8     | 59.6     |
|   |                      |                      |                        |            | Interest cover - EBIT (X)                 | 3.1                    | 2.9      | 3.1      | 3.1      |
| Cash flow statement (Rmb mn)  | 12/15                | 12/16E               | 12/17E                 | 12/18E     | Valuation                                 | 12/15                  | 12/16E   | 12/17E   | 12/18E   |
| Net income pre-preferred dividends  | 1,655.7              | 1,480.0              | 1,473.8                | 1,498.2    |   |                        |          |          |          |
| D&A add-back  | 3,301.0              | 3,552.5              | 3,801.1                | 4,026.9    | P/E (analyst) (X)                         | 24.9                   | 29.1     | 29.2     | 28.7     |
| Minorities interests add-back   | (313.0)              | 77.9                 | 163.8                  | 166.5      | P/B (X)                                   | 1.5                    | 1.5      | 1.4      | 1.3      |
| Net (inc)/dec working capital   | 3,159.3              | (51.3)               | 51.6                   | (92.8)     | EV/EBITDA (X)                             | 11.1                   | 10.6     | 10.0     | 9.6      |
| Other operating cash flow   | 2,466.4              | 588.7                | 818.3                  | 49.4       | EV/GCI (X)                                | 1.1                    | 1.0      | 1.0      | 0.9      |
| Cash flow from operations   | 10,269.4             | 5,647.8              | 6,308.6                | 5,648.2    | Dividend yield (%)                        | 0.0                    | 0.0      | 0.0      | 0.0      |
| Capital expenditures  | (4 959 2)            | (2 102 9)            | (2 207 5)              | (2 102 9)  |   |                        |          |          |          |
| Acquisitions  | (4,858.2)<br>(694.6) | (3,103.8)<br>(851.3) | (3,207.5)<br>(592.5)   | (3,103.8)  |   |                        |          |          |          |
| Divestitures  |                      |                      |                        |            |   |                        |          |          |          |
|   | (2.140.2)            | 0.0                  | 0.0                    | 0.0        |   |                        |          |          |          |
| Others  | (3,140.3)            | (1,725.1)            | (1,751.1)<br>(E EE1 0) | (1,711.4)  |   |                        |          |          |          |
| Cash flow from investments  | (8,693.2)            | (5,680.1)            | (5,551.0)              | (4,815.1)  |   |                        |          |          |          |
| Dividends paid (common & pref)  | (1,725.8)            | 0.0                  | 0.0                    | 0.0        |   |                        |          |          |          |
| · · · · · · · · · · · · · · · · · · ·   | 3,442.4              | 3,000.0              | 2,000.0                | 2,000.0    |   |                        |          |          |          |
| Inc/(dec) in debt   |                      |                      | 0.0                    | 0.0        |   |                        |          |          |          |
| · · · · · · · · · · · · · · · · · · ·   | 0.0                  | 0.0                  | 0.0                    | 0.0        |   |                        |          |          |          |
| Inc/(dec) in debt   | 0.0<br>(1,989.5)     | 0.0<br>0.0           | 0.0                    | 0.0        |   |                        |          |          |          |
| Inc/(dec) in debt<br>Common stock issuance (repurchase)                               |                      |                      |                        |            |   |                        |          |          |          |
| Inc/(dec) in debt<br>Common stock issuance (repurchase)<br>Other financing cash flows | (1,989.5)            | 0.0                  | 0.0                    | 0.0        | Note: Last actual year may include report | ed and estimated data. |          |          |          |

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**Exhibit 1: Zijin operating summary** 

|                           |                  |        |        |        |        |        |        | yoy     |         |         |         |
|---------------------------|------------------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| <b>GS</b> commodity price | )                | 2013   | 2014   | 2015   | 2016E  | 2017E  | 2018E  | 2015    | 2016E   | 2017E   | 2018E   |
| Gold                      | US\$/ounce       | 1,413  | 1,266  | 1,160  | 1,095  | 1,000  | 1,050  | -8%     | -6%     | -9%     | 5%      |
| Copper                    | USD/t            | 7,328  | 6,863  | 5,510  | 4,397  | 4,000  | 4,000  | -20%    | -20%    | -9%     | 0%      |
| Zinc                      | USD/t            | 1,910  | 2,161  | 1,932  | 1,713  | 1,700  | 1,600  | -11%    | -11%    | -1%     | -6%     |
| Gold                      | Rmb/g            | 281    | 251    | 234    | 242    | 231    | 246    | -7%     | 4%      | -5%     | 7%      |
| Copper                    | Rmb/t, VAT excl. | 45,287 | 42,276 | 34,564 | 30,284 | 28,760 | 29,200 | -18%    | -12%    | -5%     | 2%      |
| Zinc                      | Rmb/t, VAT excl. | 11,804 | 13,312 | 12,118 | 11,798 | 12,223 | 11,680 | -9%     | -3%     | 4%      | -4%     |
| Production volume         |                  | 2013   | 2014   | 2015   | 2016E  | 2017E  | 2018E  | 2015    | 2016E   | 2017E   | 2018E   |
| Mined gold                | t                | 32     | 34     | 37     | 43     | 43     | 43     | 10%     | 14%     | 1%      | 0%      |
| Copper concentrate        | kt               | 125    | 138    | 150    | 155    | 220    | 246    | 9%      | 3%      | 42%     | 12%     |
| Zinc concentrate          | kt               | 72     | 96     | 198    | 270    | 270    | 270    | 106%    | 36%     | 0%      | 0%      |
| Production cost           |                  | 2013   | 2014   | 2015   | 2016E  | 2017E  | 2018E  | 2015    | 2016E   | 2017E   | 2018E   |
|                           |                  |        |        |        |        |        |        |         |         |         |         |
| Mined gold                | Rmb/g            | 152    | 144    | 136    | 133    | 133    | 137    | -6%     | -2%     | 0%      | 3%      |
| Copper concentrate        | Rmb/t            | 17,908 | 18,467 | 17,504 | 16,979 | 16,979 | 17,488 | -5%     | -3%     | 0%      | 3%      |
| Zinc concentrate          | Rmb/t            | 3,862  | 3,509  | 3,800  | 3,990  | 4,070  | 4,151  | 8%      | 5%      | 2%      | 2%      |
| Gross margin              |                  | 2013   | 2014   | 2015   | 2016E  | 2017E  | 2018E  | 2015    | 2016E   | 2017E   | 2018E   |
| Mining                    |                  | 49%    | 45%    | 39%    | 38%    | 36%    | 36%    | -5.7ppt | -0.8ppt | -2.6ppt | -0.1ppt |
| Gold                      |                  | 43%    | 38%    | 37%    | 40%    | 37%    | 40%    | -1ppt   | 3.4ppt  | -2.9ppt | 2.1ppt  |
| Copper                    |                  | 55%    | 48%    | 40%    | 33%    | 30%    | 29%    | -8.7ppt | -6.5ppt | -3.5ppt | -1ppt   |
| Zinc                      |                  | 49%    | 57%    | 47%    | 39%    | 44%    | 40%    | -9.8ppt | -8.6ppt | 5.3ppt  | -3.8ppt |
| Non-mining                |                  | 3.1%   | 2.2%   | 1.3%   | 1.2%   | 1.3%   | 0.9%   | -0.9ppt | 0ppt    | 0.1ppt  | -0.4ppt |
| Blended                   |                  | 18%    | 13%    | 8%     | 9%     | 9%     | 9%     | -4.9ppt | 0.6ppt  | 0.2ppt  | -0.2ppt |
| Key metrics               |                  | 2013   | 2014   | 2015   | 2016E  | 2017E  | 2018E  | 2015    | 2016E   | 2017E   | 2018E   |
| Gross margin              |                  | 18%    | 13%    | 8%     | 9%     | 9%     | 9%     | -4.9ppt | 0.6ppt  | 0.2ppt  | -0.2ppt |
| Net margin                |                  | 4%     | 4%     | 2%     | 2%     | 2%     | 2%     | -1.8ppt | -0.3ppt | 0ppt    | -0.1ppt |
| ROE                       |                  | 8%     | 8%     | 6%     | 5%     | 5%     | 5%     | -2.5ppt | -0.7ppt | -0.3ppt | -0.2ppt |
|                           |                  |        |        |        |        |        |        |         | • •     |         | • •     |

Source: Company data, Goldman Sachs Global Investment Research.



# **Disclosure Appendix**

# Reg AC

We, Yan Yan, Julian Zhu, Christina He and Claire Wang, hereby certify that all of the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report.

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The Goldman Sachs Investment Profile provides investment context for a security by comparing key attributes of that security to its peer group and market. The four key attributes depicted are: growth, returns, multiple and volatility. Growth, returns and multiple are indexed based on composites of several methodologies to determine the stocks percentile ranking within the region's coverage universe.

The precise calculation of each metric may vary depending on the fiscal year, industry and region but the standard approach is as follows:

**Growth** is a composite of next year's estimate over current year's estimate, e.g. EPS, EBITDA, Revenue. **Return** is a year one prospective aggregate of various return on capital measures, e.g. CROCI, ROACE, and ROE. **Multiple** is a composite of one-year forward valuation ratios, e.g. P/E, dividend yield, EV/FCF, EV/EBITDA, EV/DACF, Price/Book. **Volatility** is measured as trailing twelve-month volatility adjusted for dividends.

#### Quantum

Quantum is Goldman Sachs' proprietary database providing access to detailed financial statement histories, forecasts and ratios. It can be used for in-depth analysis of a single company, or to make comparisons between companies in different sectors and markets.

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GS SUSTAIN is a global investment strategy aimed at long-term, long-only performance with a low turnover of ideas. The GS SUSTAIN focus list includes leaders our analysis shows to be well positioned to deliver long term outperformance through sustained competitive advantage and superior returns on capital relative to their global industry peers. Leaders are identified based on quantifiable analysis of three aspects of corporate performance: cash return on cash invested, industry positioning and management quality (the effectiveness of companies' management of the environmental, social and governance issues facing their industry).

#### **Disclosures**

#### Coverage group(s) of stocks by primary analyst(s)

Yan Yan: Asia Commodities Companies. Julian Zhu: Asia Commodities Companies.

Asia Commodities Companies: ACC, Aluminum Corp. of China (A), Aluminum Corp. of China (H), Ambuja Cements, Angang Steel (A), Angang Steel (H), Anhui Conch Cement (A), Anhui Conch Cement (H), Baoshan Iron & Steel, BBMG Corp. (A), BBMG Corp. (H), Beijing Enterprises Water Group, Beijing Originwater Technology, Beijing Water Business Doctor, China Coal Energy (A), China Coal Energy (H), China Conch Venture Holdings, China Everbright International Ltd., China Hongqiao Group, China Molybdenum Co., China National Building Material, China Resources Cement Holdings, China Shanshui Cement Group, China Shenhua Energy (A), China Shenhua Energy (H), Coal India Ltd., Dongjiang Environmental Co. (A), Dongjiang Environmental Co. (H), Dongpeng Holdings, GrandBlue Environment Co., Grasim Industries, Hindalco Industries, Jiangxi Copper (A), Jiangxi Copper (H), Korea Zinc, Maanshan Iron & Steel (H), Maanshan Iron & Steel (H), National Aluminium Co., Shree Cement Ltd., Tianjin Capital Environmental (H), Tianjin Motimo Membrane Tech, TUS-Sound, Ultratech Cement, Vedanta Ltd., Yanzhou Coal Mining (A), Yanzhou Coal Mining (H), Zhaojin Mining Industry, Zijin Mining (A), Zijin Mining (H).

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Goldman Sachs expects to receive or intends to seek compensation for investment banking services in the next 3 months: Zijin Mining (A) (Rmb3.25) and Zijin Mining (H) (HK\$2.38)

Goldman Sachs had a non-securities services client relationship during the past 12 months with: Zijin Mining (A) (Rmb3.25) and Zijin Mining (H) (HK\$2.38)

Goldman Sachs makes a market in the securities or derivatives thereof: Zijin Mining (A) (Rmb3.25) and Zijin Mining (H) (HK\$2.38)

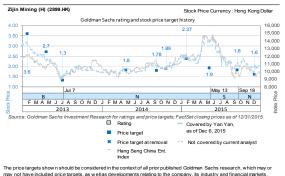
# Distribution of ratings/investment banking relationships

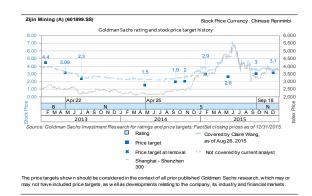
Goldman Sachs Investment Research global coverage universe

|        | Ra  | ating Distribution | on   | Investme | nt Banking Rela | itionships |   |
|--------|-----|--------------------|------|----------|-----------------|------------|---|
|        | Buy | Hold               | Sell | Buy      | Hold            | Sell       |   |
| Global | 31% | 53%                | 16%  | 63%      | 58%             | 52%        | _ |

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#### Price target and rating history chart(s)





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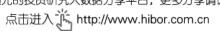
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