| BSE SENSEX | S\&P CNX |
| :--- | ---: |
| 38,024 | 11,471 |

Motilal Oswal values your support in
the Asiamoney Brokers Poll 2018 for
India Research, Sales and Trading
team. We request your ballot. team. We request your ballot.


| Bloomberg | NELI IN |
| :--- | ---: |
| Equity Shares (m) | 234 |
| M.Cap.(INRb)/(USDb) | $28 / 0.4$ |
| 52-Week Range (INR) | $180 / 109$ |
| 1, 6, 12 Rel. Per (\%) | $-9 /-26 /-44$ |
| 12M Avg Val (INR M) | 15 |
| Free float (\%) | 38.2 |


| Financials \& Valuations (INR b) |  |  |  |
| :--- | ---: | ---: | ---: |
| Y/E March | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9 E}$ | $\mathbf{2 0 2 0 E}$ |
| Net Sales | 12.0 | 14.3 | 15.7 |
| EBITDA | 2.2 | 3.1 | 3.5 |
| NP | 1.3 | 1.8 | 2.1 |
| EPS (INR) | 5.4 | 7.9 | 8.9 |
| EPS Gr. (\%) | -26.1 | 45.7 | 12.8 |
| BV/Sh. (INR) | 32.2 | 36.5 | 40.5 |
| RoE (\%) | 17.4 | 22.9 | 23.1 |
| RoCE (\%) | 14.4 | 19.9 | 22.0 |
| P/E (x) | 21.7 | 14.9 | 13.2 |
| P/BV (x) | 3.6 | 3.2 | 2.9 |


| Estimate change |
| :--- |
| TP change |
| Rating change |

## CMP: INR120 TP: INR160 (+33\% ) <br> Upgrade to Buy

## In-line performance; improved visibility; Upgrade to Buy

Revenue up 19\%, EBIDTA expands 75bp: Standalone revenue grew $19 \%$ YoY to INR6,700m (est. of INR6,453m) in 1QFY19, primarily driven by $58 \%$ YoY growth in Stationery revenue. EBITDA rose $22 \%$ YoY to INR1,974m (est. of INR1,916m), with the margin expanding 75 bp YoY to $29.5 \%$ (est. of $30 \%$ ). Adj. PAT grew $15 \%$ YoY to INR1,263m (est. of INR1,245m). PAT margin was flat YoY at 19\% (in-line). Publishing revenue marred by delay in textbook release...: Publishing revenue declined 2\% YoY, primarily on account of a delay in government textbook (Balbharti) release (based on which the supplementary material is created) for standards 1,8 and 10 , where syllabus was changed. The delay was due to the introduction of a new policy on licensee fee, which was announced only on $21^{\text {st }}$ June 2018. Consequently, we expect a spillover of ~INR600-700m of revenue to 2QFY19. Moreover, Publishing business visibility has improved further for FY20 based on syllabus change in Gujarat. We expect Publishing business to grow by 12\% in FY19 and 9\% in FY20.
...impact of which was offset by robust pick-up in Stationery biz: Stationery revenue grew by a robust $58 \%$ YoY, primarily driven by high-margin exports. In the domestic market, NELI aims to focus on improving profitability with higher emphasis on premium products, where it has a brand called 'Youva'. This will allow NELI to set itself apart from other players in the mid-premium and economy segments. We expect this segment to grow at $23 \%$ in FY19 and $7 \%$ in

## FY20.

New initiatives to place Navneet ahead of competitors, drive sustained growth: In Indiannica, NELI has added seven series for $1^{\text {st }}$ to $8^{\text {th }}$ standards, translating to 56 new titles for the next academic year. The marketing for these products will commence in October 2019, which will translate into sales in 4QFY19. Moreover, NELI will explore the supplementary books business in Indiannica. Further, the company plans to grow inorganically in the traditional supplementary books business in other parts of the country, as management believes that there is a dearth of serious players in other regions. NELI plans to publish only English medium books and believes that south is a good potential market. Also, NELI has its own apps for online learning which are scaling up. Notable initiatives are expected to drive sustained growth for NELI.
Valuation and view: We upgrade to Buy in view of:
a. Clarity emerging on the license policy, which is now already in place and applicable. NELI has also fully complied with it (immaterial cost attached with it).
b. Improved visibility on FY20 syllabus change
c. Stationary exports business coming back on track with large orders
d. Steep correction in the stock over the last three months ( $\sim 19 \%$ ), making it attractive from a valuation perspective
We expect NELI to deliver sales/PAT CAGR of $14 \% / 28 \%$ over FY18-20. We value the stock at 18x (three-year average of one-year forward PE) FY20E earnings of INR8.9/share. Upgrading our rating to Buy with a revised TP of INR160/share.

| Standalone - Quarterly Earning Model |  |  |  |  |  |  |  |  |  |  | (INR Million) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E March | FY18 |  |  |  | FY19 |  |  |  | FY18 | FY19E | FY19 | Var |
|  | 1Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  | 1QE | \% |
| Net Sales | 5,652 | 1,834 | 1,744 | 2,126 | 6,700 | 2,890 | 1,906 | 1,694 | 12,040 | 14,294 | 6,453 | 4 |
| Yoy Change (\%) | 0.9 | 6.3 | 11.4 | 1.3 | 18.5 | 57.6 | 9.3 | -20.3 | 1.9 | 18.7 | 14.2 |  |
| Total Expenditure | 4,028 | 1,553 | 1,540 | 1,888 | 4,726 | 2,167 | 1,639 | 1,525 | 9,816 | 11,207 | 4,536 |  |
| EBITDA | 1,624 | 281 | 205 | 238 | 1,974 | 722 | 267 | 169 | 2,225 | 3,088 | 1,916 | 3 |
| Margins (\%) | 28.7 | 15.3 | 11.7 | 11.2 | 29.5 | 25.0 | 14.0 | 10.0 | 18.5 | 21.6 | 29.7 |  |
| Depreciation | 53 | 56 | 62 | 64 | 57 | 67 | 69 | 70 | 307 | 349 | 65 |  |
| Interest | 26 | 16 | 1 | 17 | 42 | 30 | 10 | 20 | 77 | 88 | 30 |  |
| Other Income | 123 | 47 | 44 | 79 | 71 | 45 | 45 | 45 | 260 | 209 | 50 |  |
| PBT before EO expense | 1,668 | 256 | 186 | 236 | 1,946 | 670 | 233 | 124 | 2,100 | 2,860 | 1,871 | 4 |
| Extra-Ord expense | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| PBT | 1,668 | 256 | 186 | 236 | 1,946 | 670 | 233 | 124 | 2,100 | 2,860 | 1,871 | 4 |
| Tax | 572 | 89 | 67 | 84 | 683 | 228 | 79 | 42 | 825 | 972 | 636 |  |
| Rate (\%) | 34.3 | 34.9 | 36.1 | 35.8 | 35.1 | 34.0 | 34.0 | 34.0 | 39.3 | 34.0 | 34.0 |  |
| Minority Interest \& Profit/Loss of Asso. Cos. | 0 | 0 | 0 | 0 | 0 | -10 | -10 | -10 | 14 | 50 | -10 |  |
| Reported PAT | 1,097 | 166 | 119 | 151 | 1,263 | 452 | 164 | 92 | 1,261 | 1,838 | 1,245 | 1 |
| Adj PAT | 1,097 | 166 | 119 | 151 | 1,263 | 452 | 164 | 92 | 1,261 | 1,838 | 1,245 | 1 |
| YoY Change (\%) | -3.4 | -10.5 | -6.1 | -10.3 | 15.2 | 172.1 | 37.9 | -39.1 | -30.4 | 45.7 | 13.6 |  |
| Margins (\%) | 19.4 | 9.1 | 6.8 | 7.1 | 18.9 | 15.7 | 8.6 | 5.4 | 10.5 | 12.9 | 19.3 |  |

E: MOSL Estimates

Improved visibility on account of FY20 syllabus change in Gujarat and Maharashtra

- Sustainable growth in publishing revenues is expected on the back of significant change in syllabus, especially Gujarat, where syllabus change is expected across $1^{\text {st }}$ to $10^{\text {th }}$ standards (refer exhibit).
- A change in syllabus typically does away with old and second hand books from trade and students buy new books (as per revised syllabus), which leads to sustainable growth; NELI being the preferred choice, there is good visibility in the business.

Exhibit 1: Syllabus change schedule- Significant changes in Gujarat curriculum

| Academic year | Maharashtra |  | Gujarat |  |
| :--- | :---: | :---: | :---: | :---: |
| Standards | Subjects | Standards | Subjects |  |
| $2019-20$ | II | All Subjects( All Medium) | I to VIII | Math |
|  | III | All Subjects( All Medium) | VI to VIII | Science |
|  | AII Subjects(All Medium) | X | Math and Science |  |
|  |  | XII | Physics, Chemistry, Biology, Math |  |

EBIT margin expands 200bp in publishing biz: Publishing segment EBIT margins expanded 200bps YoY to $42 \%$ in 1QFY19 on account of price hikes taken on increased paper prices and efficiencies due to economies of scale. Stationery EBIT margins expanded 300 bps YoY to 18\% in 1QFY19 due to substantial growth in high margin exports. On a blended basis, EBIT margins expanded only 82bp on account of relatively higher proportion of stationary revenues (lower margins than publishing segment) in the revenues mix, compared to previous year.

## Clarity emerges over license policy, publishers to pay a license fee; negligible impact on margins for NELI

The Balbharti Board, which publishes textbooks for the state board of Maharashtra, had issued an advertisement/information in newspapers in March 2018 stating that all publishers in Maharashtra (including coaching classes) will have to procure a
license before publishing any title. As a result of this none of the publishers had released any supplementary books for standard $X$ (a key revenue driver) until June 20, 2018 when the regulatory clarity came in. Policy clarity has now been obtained and as per the new regulations, publishers are expected to pay a license fee for using the government textbooks. NELI incurred a one-time expense of INR2.5m-3m for full year FY19 for standards $1^{\text {st }}, 8^{\text {th }}$ and $10^{\text {th }}$. In FY20 this is expected to increase to INR150m for standards $1^{\text {st }}$ to $10^{\text {th }}$ and is expected to be a recurring expense from hereon. In our view, this policy clarity provides comfort on business visibility, sustained continuity and is expected to have a negligible impact on margins for a large player like NELI.

## Capex plans of INR1.1b in Publishing and Stationery to support growth

The company has planned a capex of INR300-350m in publication - for up gradation of machinery. It also plans to undertake capex INR800m in stationery business with INR400m to be invested in FY19 towards warehouse needs due to significant increase in export orders and another INR400m in FY20 to be invested towards storage and dispatch requirements especially critical during the peak season of sales from April to June (production from Jan to March). Funding for all capex will be done through internal accruals. This capex is expected to enhance operational efficiencies and create additional capacities required to support growth.

## Indiannica transitioned; expect 58\% growth in revenues

This year, the company has added 7 series for $1^{\text {st }}$ to $8^{\text {th }}$ standard translating to 56 new titles for the next academic year. The marketing for these products will commence in October 2019 which will translate to sales for 4QFY19. These titles will be marketed across India and across addressable markets. We expect these new 7 series introduction to drive 58\% growth in revenues to INR900m in FY19 from INR570m in FY18; it is expected to break-even at EBITDA level this year in FY19.

## Plans to grow supplementary books business inorganically

- NELI plans to grow inorganically in the supplementary books business in other parts of the country. It believes that it is very difficult to grow organically by starting from the scratch whereas it is easier to acquire an established player and scale that up. Also, no single publisher in any other state does more than INR1000m in revenue. Management believes there is a dearth of serious players in other regions. NELI plans to publish only English medium books and believes that the demand in South India is high as English as a medium of instruction is more commonly used in south India - around 45-50\% students in south study in English medium versus 15-25\% in Maharashtra and 15\% in Gujarat.


## Online learning scope expanding; to include B2B and now B2C

■ In ESense, the company undertook B2B (business to business - sold to schools) business, now it has also commenced focusing on B2C (business to consumer) where content is sold to consumers who download the app at a nominal cost. It already has about 1,00,000 paid registrations. The app covers all subjects from grade 1 to 10 - across mediums. The apps have English and Marathi medium for Maharashtra and English and Guajarati medium for Gujarat grades 1-10. The management believes that there is huge scope - No. of students appearing for
$10^{\text {th }}$ std is $\sim 1.7 \mathrm{~m} /$ year and $1^{\text {st }}$ to $10^{\text {th }}$ is $22 \mathrm{~m} /$ year (this includes government schools where parents do not have phones + if we exclude kids from $1^{\text {st }}$ to $4^{\text {th }}$ std; there is a visible market size of $10 \mathrm{~m} /$ year). For this business, NELI has increased the no. of marketers from 150 last year to 200 this year.

## Valuation and view

We upgrade to Buy in view of

- Clarity emerging on the license policy, which is now already in place and applicable. NELI has also fully complied with it (immaterial cost attached with it).
- Improved visibility on FY20 syllabus change
- Stationary exports business coming back on track with large orders

■ Steep correction in the stock over the last three months ( $\sim 19 \%$ ), making it attractive from a valuation perspective

With pushback of some revenues to 2QFY19 in Publishing, combined with strong traction in high-margin Stationery exports, we expect NELI to deliver sales/PAT CAGR of $14 \% / 28 \%$ over FY18-20. We value the stock at 18x (three-year average of one-year forward PE) FY20E earnings of INR8.9/share and upgrade our rating to Buy with a revised target price of INR160/share.

Exhibit 2: Youva long book and project books



Source: MOSL, Company

Exhibit 3: Youva regular note book


## Story in charts

Exhibit 4: Stationary to grow at 15\% CAGR over FY18-20 Total Stationery Revenue

Source: MOSL, Company
Exhibit 6: 14\% CAGR expected in revenues in FY18-20


Exhibit 8: PAT margins to improve
PAT (INR m) $\quad$ - - Margins (\%)


Exhibit 5: Publishing to grow at 10\% CAGR over FY18-20


Exhibit 7: EBIDTA margins trend


Exhibit 9: ROCE trend
$\square$ ROCE (\%)


Financials and Valuations


| (INR Million) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E March | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | FY17 | FY18 | FY19E | FY20E |
| Equity Share Capital | 476 | 476 | 476 | 476 | 476 | 476 | 467 | 467 | 467 | 467 |
| Preference Capital | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Reserves | 2,750 | 3,138 | 3,712 | 4,307 | 4,956 | 5,354 | 6,471 | 7,053 | 8,047 | 8,995 |
| Net Worth | 3,226 | 3,615 | 4,192 | 4,787 | 5,433 | 5,831 | 6,938 | 7,520 | 8,514 | 9,462 |
| Minority Interest | -3 | -6 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Deferred Liabilities | 44 | 57 | 64 | 73 | 41 | 41 | -1 | 0 | 0 | 0 |
| Total Loans | 663 | 1,452 | 1,687 | 2,337 | 1,436 | 1,035 | 1,594 | 2,253 | 1,253 | 653 |
| Capital Employed | 3,930 | 5,118 | 5,943 | 7,197 | 6,909 | 6,907 | 8,532 | 9,775 | 9,769 | 10,118 |
| Gross Block | 2,411 | 2,973 | 3,316 | 3,673 | 3,741 | 4,147 | 5,145 | 5,018 | 5,718 | 6,168 |
| Less: Accum. Deprn. | 1,222 | 1,362 | 1,574 | 1,798 | 2,042 | 2,338 | 2,622 | 2,929 | 3,277 | 3,664 |
| Net Fixed Assets | 1,189 | 1,611 | 1,742 | 1,874 | 1,699 | 1,809 | 2,523 | 2,089 | 2,440 | 2,504 |
| Goodwill on Consolidation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 457 | 457 | 457 |
| Capital WIP | 98 | 36 | 57 | 45 | 40 | 8 | 28 | 41 | 0 | 0 |
| Total Investments | 1 | 6 | 310 | 475 | 492 | 451 | 360 | 458 | 458 | 458 |
| Curr. Assets, Loans\&Adv. | 3,156 | 4,128 | 4,982 | 6,042 | 5,995 | 5,426 | 7,297 | 8,490 | 8,379 | 8,852 |
| Inventory | 1,771 | 2,176 | 2,752 | 3,337 | 3,484 | 3,074 | 3,843 | 4,282 | 4,386 | 4,633 |
| Account Receivables | 868 | 1,164 | 1,659 | 1,961 | 1,886 | 1,868 | 2,781 | 3,181 | 2,859 | 3,046 |
| Cash and Bank Balance | 113 | 51 | 35 | 69 | 55 | 59 | 97 | 68 | 79 | 13 |
| Loans and Advances | 404 | 737 | 536 | 675 | 571 | 425 | 576 | 959 | 1,055 | 1,161 |
| Curr. Liability \& Prov. | 525 | 675 | 1,163 | 1,253 | 1,317 | 788 | 1,676 | 1,761 | 1,965 | 2,154 |
| Account Payables | 271 | 406 | 585 | 643 | 586 | 683 | 760 | 753 | 856 | 934 |
| Provisions | 254 | 268 | 577 | 610 | 731 | 105 | 916 | 1,008 | 1,109 | 1,220 |
| Net Current Assets | 2,631 | 3,454 | 3,819 | 4,789 | 4,678 | 4,639 | 5,621 | 6,729 | 6,414 | 6,699 |
| Appl. of Funds | 3,930 | 5,118 | 5,943 | 7,197 | 6,909 | 6,907 | 8,532 | 9,775 | 9,769 | 10,118 |

E: MOSL Estimates

Financials and Valuations

| Ratios |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E March | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | FY17 | FY18 | FY19E | FY20E |
| Basic (INR) |  |  |  |  |  |  |  |  |  |  |
| EPS | 2.8 | 3.3 | 4.5 | 4.8 | 5.5 | 4.5 | 7.3 | 5.4 | 7.9 | 8.9 |
| Cash EPS | 3.4 | 4.0 | 5.5 | 5.9 | 6.8 | 5.8 | 8.5 | 6.7 | 9.4 | 10.5 |
| BV/Share | 13.5 | 15.2 | 17.6 | 20.1 | 22.8 | 24.5 | 29.7 | 32.2 | 36.5 | 40.5 |
| DPS | 1.4 | 1.4 | 1.8 | 2.0 | 2.2 | 2.2 | 2.5 | 1.4 | 3.0 | 4.0 |
| Payout (\%) | 58.1 | 49.7 | 47.0 | 48.4 | 48.4 | 58.7 | 41.2 | 31.2 | 45.9 | 54.3 |
| Valuation (x) |  |  |  |  |  |  |  |  |  |  |
| P/E |  |  |  | 24.2 | 21.4 | 25.9 | 16.0 | 21.7 | 14.9 | 13.2 |
| Cash P/E |  |  |  | 19.8 | 17.3 | 20.3 | 13.7 | 17.4 | 12.5 | 11.1 |
| P/BV |  |  |  | 5.8 | 5.1 | 4.8 | 3.9 | 3.6 | 3.2 | 2.9 |
| EV/Sales |  |  |  | 3.3 | 2.9 | 3.0 | 2.4 | 2.5 | 2.0 | 1.8 |
| EV/EBITDA |  |  |  | 14.2 | 12.1 | 13.7 | 10.2 | 13.3 | 9.2 | 8.0 |
| Dividend Yield (\%) | 1.2 | 1.2 | 1.5 | 1.7 | 1.9 | 1.9 | 2.1 | 1.2 | 2.6 | 3.4 |
| Return Ratios (\%) |  |  |  |  |  |  |  |  |  |  |
| RoE | 21.7 | 22.8 | 27.6 | 25.7 | 25.5 | 19.1 | 26.7 | 17.4 | 22.9 | 23.1 |
| RoCE | 18.1 | 18.2 | 20.8 | 18.7 | 19.5 | 17.8 | 23.9 | 14.4 | 19.9 | 22.0 |
| RolC | 17.5 | 17.0 | 21.1 | 19.7 | 20.8 | 17.6 | 24.1 | 13.5 | 19.6 | 21.6 |
| Working Capital Ratios |  |  |  |  |  |  |  |  |  |  |
| Inventory (Days) | 115 | 126 | 122 | 135 | 127 | 118 | 119 | 130 | 112 | 108 |
| Debtor (Days) | 57 | 67 | 74 | 80 | 69 | 72 | 86 | 96 | 73 | 71 |
| Creditor (Days) | 18 | 23 | 26 | 26 | 21 | 26 | 23 | 23 | 22 | 47 |
| Working Cap. Turnover (Days) | 164 | 196 | 168 | 191 | 169 | 175 | 171 | 202 | 162 | 156 |
| Leverage Ratio (x) |  |  |  |  |  |  |  |  |  |  |
| Current Ratio | 6.0 | 6.1 | 4.3 | 4.8 | 4.6 | 6.9 | 4.4 | 4.8 | 4.3 | 4.1 |
| Debt/Equity | 0.2 | 0.4 | 0.4 | 0.5 | 0.3 | 0.2 | 0.2 | 0.3 | 0.1 | 0.1 |

## Consolidated - Cash Flow Statement

(INR Million)

| Y/E March | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | FY17 | FY18 | FY19E | FY20E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OP/(Loss) before Tax | 1,068 | 1,197 | 1,636 | 1,757 | 1,996 | 1,899 | 2,638 | 2,100 | 2,860 | 3,261 |
| Depreciation | 136 | 171 | 235 | 258 | 308 | 297 | 284 | 307 | 349 | 386 |
| Interest \& Finance Charges | 8 | 4 | -1 | 0 | 0 | -19 | -12 | 0 | 0 | 0 |
| Direct Taxes Paid | -396 | -411 | -520 | -607 | -651 | -743 | -766 | -825 | -972 | -1,109 |
| ( Inc )/Dec in WC | -193 | -891 | -658 | -889 | -100 | 511 | -1,140 | -1,137 | 326 | -351 |
| CF from Operations | 624 | 70 | 692 | 519 | 1,553 | 1,945 | 1,004 | 445 | 2,562 | 2,188 |
| Others | -23 | 6 | 48 | 72 | 69 | -140 | -126 | 77 | 88 | 48 |
| CF from Operating incl EO | 601 | 76 | 740 | 591 | 1,622 | 1,806 | 878 | 522 | 2,650 | 2,236 |
| (inc)/dec in FA | -406 | -499 | -363 | -430 | -176 | -264 | -553 | 113 | -659 | -450 |
| Free Cash Flow | 195 | -423 | 377 | 162 | 1,446 | 1,542 | 325 | 636 | 1,991 | 1,786 |
| (Pur)/Sale of Investments | 1 | -2 | -315 | -163 | -11 | 37 | 37 | -99 | 0 | 0 |
| Others | 52 | 37 | -21 | -24 | 106 | 188 | -256 | -741 | 0 | 0 |
| CF from Investments | -353 | -464 | -699 | -617 | -81 | -40 | -771 | -726 | -659 | -450 |
| Issue of Shares | 0 | 0 | 12 | -1 | -3 | 0 | -582 | 0 | 0 | 0 |
| (Inc)/Dec in Debt | -46 | 769 | 240 | 658 | -901 | -401 | 562 | 659 | -1,000 | -600 |
| Interest Paid | -32 | -58 | -86 | -97 | -93 | -36 | -43 | -77 | -88 | -48 |
| Dividend Paid | -168 | -386 | -221 | -501 | -557 | -1,262 | 0 | -394 | -843 | -1,124 |
| Others | 0 | 0 | 0 | 0 | 0 | -63 | -5 | -13 | -50 | -80 |
| CF from Fin. Activity | -246 | 325 | -56 | 59 | -1,555 | -1,762 | -68 | 175 | -1,981 | -1,852 |
| Inc/Dec of Cash | 2 | -63 | -15 | 34 | -14 | 4 | 38 | -29 | 10 | -66 |
| Opening Balance | 111 | 113 | 50 | 35 | 69 | 55 | 59 | 97 | 69 | 79 |
| Closing Balance | 113 | 50 | 35 | 69 | 55 | 59 | 97 | 69 | 79 | 13 |


| Explanation of Investment Rating <br> Investment Rating | Expected return (over 12-month) |
| :--- | :--- |
| BUY | $>=15 \%$ |
| SELL | $<-10 \%$ |
| NEUTRAL | $>-10 \%$ to $15 \%$ |
| UNDER REVIEW | Rating may undergo a change |
| NOT RATED | We have forward looking estimates for the stock but we refrain from assigning recommendation |

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