





INDIA

JAGP IN	Outp	perform
Price (at 08:33, 15 Dec 2016 GMT)	Rs	167.75
Valuation - PER	Rs	200.00
12-month target	Rs	200.00
Upside/Downside	%	+19.2
12-month TSR	%	+22.2
Volatility Index	Lo	w/Medium
GICS sector		Media
Market cap	Rsm	55,577
Market cap	US\$m	809
Free float	%	40
30-day avg turnover	US\$m	0.4
Number shares on issue	m	331.3

Investment fundamentals

Year end 31 Mar		2016A	2017E	2018E	2019E
Revenue	m	21,065	22,454	24,481	26,901
EBIT	m	4,852	5,206	5,655	6,199
EBIT growth	%	39.8	7.3	8.6	9.6
Recurring profit	m	4,674	5,054	5,650	6,235
Reported profit	m	3,284	3,538	3,870	4,302
Adjusted profit	m	3,284	3,538	3,870	4,302
EPS rep	Rs	10.05	10.82	11.84	13.16
EPS rep growth	%	37.1	7.6	9.4	11.2
EPS adj	Rs	10.05	10.82	11.84	13.16
EPS adj growth	%	37.1	7.7	9.4	11.2
PER rep	Х	16.7	15.5	14.2	12.7
PER adj	Х	16.7	15.5	14.2	12.7
Total DPS	Rs	0.00	5.00	6.00	6.00
Total div yield	%	0.0	3.0	3.6	3.6
ROA	%	21.6	19.9	19.3	19.3
ROE	%	24.7	21.1	19.4	19.4
EV/EBITDA	Х	9.7	9.1	8.3	7.6
Net debt/equity	%	29.3	13.6	10.0	9.2
P/BV	Х	3.5	3.1	2.5	2.5

JAGP IN vs BSE Sensex, & rec history



Note: Recommendation timeline - if not a continuous line, then there was no Macquarie coverage at the time or there was an embargo period. Source: FactSet, Macquarie Research, December 2016 (all figures in INR unless noted)

Analyst(s)

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15 December 2016 Macquarie Capital Securities India (Pvt) Ltd

Jagran Prakashan **Battling uncertainty**

Event

Jagran Prakashan (JAGP) reported in-line performance in 2QFY17. Even as management indicated a sharp ad slowdown post demonetisation, it has not quantified the impact. Similar to its print peers, JAGP's high local exposure (55% in print; 45% in radio) has exacerbated the slowdown. We tone down our 2HFY17 ad growth estimates for JAGP from 12% YoY to a 3% YoY decline. We also revise our 1HFY18 ad growth estimate from 12% YoY earlier to 6% YoY now. UP elections in 4Q were expected to boost ad revenues, but even political spends could be curtailed this time around. Management is hoping to compensate the loss in ad revenues to some extent through cost control initiatives. Value unlocking through separate listing of Radio business is another key near-term monitorable. Maintain OP.

Impact

- 2HFY17 ad growth to take a severe hit: Management expects consumption to remain subdued in the near term. Following a good festive season in October, ad growth slumped in November and recovered marginally in December. Ad spends across sectors have been severely hit. Unlike TV broadcasters where November was relatively less impacted due to prior issuance of release orders, other media like print and radio witnessed cancellations immediately following the demonetisation announcement.
- Radio listing on the cards: JPL's subsidiary Music Broadcast (Radio City and Radio Mantra) has filed DRHP for its IPO with SEBI. The issue entails fresh issue of Rs4bn (largely used to pare debt) and an offer for sale of ~2.7m shares by JAGP promoters. In 1HFY17, Radio City has reported revenues of Rs1.4bn with PAT of Rs300m.
- 2QFY17 highlights: JAGP's 2Q standalone revenues increased by 6.3% YoY to Rs4.6bn, with ad and circulation growth of 5.1% and 5.8% YoY respectively. PAT at Rs755m increased by ~14% YoY. The flagship brand -Dainik Jagran's ad revenues grew by ~5% YoY. While ad growth in Nai Dunia was subdued, circulation growth was strong at ~20% YoY. Digital revenues grew by strong 30% YoY on a low base. Standalone EBITDA margin dipped by ~230bps to 26.4% mainly due to jump in other expenses (circulation related, promotion and publicity spends).

Earnings and target price revision

We factor in the impact of demonetisation leading to a 7-10% cut in our FY17-19 EPS estimates. As we roll forward to Sept-18, we revise our TP to Rs200 (from Rs210 earlier).

Price catalyst

- 12-month price target: Rs200.00 based on a PER methodology.
- Catalyst: Ad growth recovery.

Action and recommendation

Even as we factor in ad slowdown getting extended until 1QFY18, JAGP is trading at just ~14x FY18 EPS. We rate the stock Outperform.

Macquarie Research Jagran Prakashan

Analysis

Fig 1 2QFY17 standalone performance snapshot

(Rs m)	2QFY17	2QFY16	% YoY	1QFY17	% QoQ
Revenues	4,590	4,319	6.3%	4,734	-3.0%
Cost of materials consumed	1,544	1,479	4.4%	1,626	-5.1%
Change in inventories	0	0	NA	0	174.4%
Employee costs	681	618	10.1%	656	3.7%
Other expenses	1,153	981	17.6%	1,148	0.4%
Total operating expenses	3,377	3,078	9.7%	3,430	-1.5%
EBITDA	1,213	1,241	-2.3%	1,304	-7.0%
EBITDA margin (%)	26.4%	28.7%		27.5%	
Depreciation	195	216	-10.0%	189	2.8%
EBIT	1,018	1,025	-0.6%	1,115	-8.7%
Other income	165	125	31.7%	79	107.5%
Finance costs	89	157	-43.4%	101	-12.4%
PBT	1,094	993	10.2%	1,093	0.1%
Tax expense	339	332	2.2%	356	-4.7%
PAT	755	661	14.2%	736	2.5%
Source: Company, Macquarie Rese	arch, December 20	16			

Fig 2 Key performance indicators (standalone business)

Particulars	(Rs m)	2QFY17	2QFY16	% YoY	1QFY17	% QoQ
Dainik Jagran	Revenue EBITDA EBITDA margin (%)	3,735 1,261 33.8%	3,571 1,252 35.1%	4.6% 0.7%	3,837 1,288 33.6%	-2.7% -2.1%
Other publications	Revenue EBITDA EBITDA margin (%)	547 (9) -1.6%	518 8 1.5%	5.6% -210.4%	550 21 3.8%	-0.7% -141.1%
Digital	Revenue EBITDA EBITDA margin (%)	61 (43) -71.1%	47 (13) -27.3%	30.1% 238.6%	61 (26) -42.6%	-0.2% 66.7%
Outdoor and Event	Revenue EBITDA EBITDA margin (%)	278 3 1.2%	204 (10) -5.0%	36.4% -131.4%	323 22 6.7%	-13.9% -85.2%
Overall advertising	Revenue	3,229	3,074	5.1%	3,334	-3.1%
Overall circulation	Revenue	993	939	5.8%	1,003	-1.0%
Source: Company, Macquar	rie Research, Dec	ember 2016				

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Macquarie Research Jagran Prakashan

Macquarie Quant View

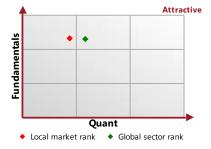
The quant model currently holds a marginally negative view on Jagran Prakashan. The strongest style exposure is Profitability, indicating this stock is efficiently converting investments to earnings; proxied by ratios like ROE or ROA. The weakest style exposure is Quality, indicating this stock is likely to have a weaker and less stable underlying earnings stream.

212/346

Global rank in Media

% of BUY recommendations 89% (8/9)

Number of Price Target downgrades 2 Number of Price Target upgrades 0



Displays where the company's ranked based on the fundamental consensus Price Target and Macquarie's Quantitative Alpha model.

Two rankings: Local market (India) and Global sector (Media)

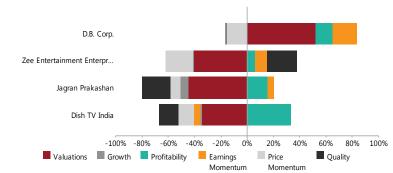
Macquarie Alpha Model ranking

A list of comparable companies and their Macquarie Alpha model score (higher is better).



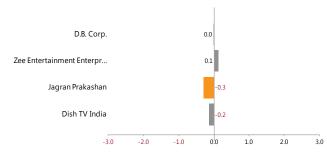
Factors driving the Alpha Model

For the comparable firms this chart shows the key underlying styles and their contribution to the current overall Alpha score.



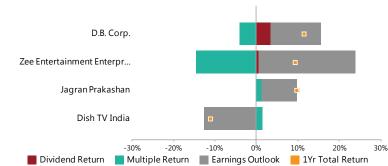
Macquarie Earnings Sentiment Indicator

The Macquarie Sentiment Indicator is an enhanced earnings revisions signal that favours analysts who have more timely and higher conviction revisions. Current score shown below.



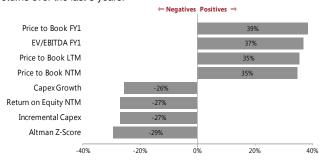
Drivers of Stock Return

Breakdown of 1 year total return (local currency) into returns from dividends, changes in forward earnings estimates and the resulting change in earnings multiple.



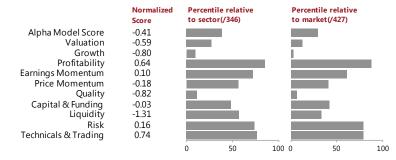
What drove this Company in the last 5 years

Which factor score has had the greatest correlation with the company's returns over the last 5 years.



How it looks on the Alpha model

A more granular view of the underlying style scores that drive the alpha (higher is better) and the percentile rank relative to the sector and market.



Source (all charts): FactSet, Thomson Reuters, and Macquarie Research. For more details on the Macquarie Alpha model or for more customised analysis and screens, please contact the Macquarie Global Quantitative/Custom Products Group (cpg@macquarie.com)

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Macquarie Research Jagran Prakashan

Jagran Prakashan (JAGP IN, Outperform, Target Price: Rs200.00)

Revenue Gross Profit Cost of Goods Sold EBITDA Depreciation Amortisation of Goodwill Other Amortisation EBIT Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin Earnings Split	m m m m m m m m m m m m m m m m m m m	5,508 3,745 1,762 1,539 308 0 0 1,231 -90 0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	5,727 3,894 1,833 1,661 310 0 0 1,351 -90 0 65 1,326 -398 928 928 2.84 2.84 -0.5	5,416 3,683 1,733 1,514 312 0 0 1,202 -90 0 67 1,180 -354 826 0 826 826 2.53 2.53 3.0	6,098 4,147 1,952 1,689 305 0 0 1,384 -80 0 72 1,376 -426 949 0 949 949 1.3	Revenue Gross Profit Cost of Goods Sold EBITDA Depreciation Amortisation of Goodwill Other Amortisation EBIT Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth (adj)	m m m m m m m m m m m m m m m m m m m	21,065 14,779 6,287 5,896 1,044 0 0 4,852 -523 0 0 345 4,674 -1,390 3,284 3,284 10.05 10.05 37.1	22,454 15,268 7,185 6,310 1,103 0 0 5,206 -373 0 0 0 220 5,054 -1,516 3,538 0 3,538 3,538	24,481 16,647 7,834 6,891 1,235 0 0 5,655 -320 0 0 315 5,650 -1,781 3,870 0 3,870 3,870	26,901 18,293 8,608 7,492 1,292 0 0 6,199 -320 0 0 355 6,235 -1,933 4,302 4,302 4,302
Cost of Goods Sold EBITDA Depreciation Amortisation of Goodwill Other Amortisation EBIT Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	1,762 1,539 308 0 0 1,231 -90 0 0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	1,833 1,661 310 0 0 1,351 -90 0 65 1,326 -398 928 928 2.84 2.84 -0.5	1,733 1,514 312 0 0 1,202 -90 0 0 0 67 1,180 -354 826 0 826 826	1,952 1,689 305 0 0 1,384 -80 0 0 72 1,376 -426 949 0 949 949	Cost of Goods Sold EBITDA Depreciation Amortisation of Goodwill Other Amortisation EBIT Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m m m m m m m m m m m m m m m	6,287 5,896 1,044 0 0 4,852 -523 0 0 345 4,674 -1,390 3,284 0 3,284 10.05 10.05	7,185 6,310 1,103 0 0 5,206 -373 0 0 0 220 5,054 -1,516 3,538 0 3,538 3,538	7,834 6,891 1,235 0 0 5,655 -320 0 0 315 5,650 -1,781 3,870 3,870 11.84	8,608 7,492 1,292 0 0 6,199 -320 0 3555 6,235 -1,933 4,302 0 4,302 13.16
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Amortisation of Goodwill Other Amortisation EBIT Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	0 0 1,231 -90 0 0 0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	0 0 1,351 -90 0 0 65 1,326 -398 928 0 928 928 2.84 -0.5	0 1,202 -90 0 0 67 1,180 -354 826 0 826 826	0 1,384 -80 0 0 72 1,376 -426 949 0 949 949	Amortisation of Goodwill Other Amortisation EBIT Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m m m m m m	0 0,4,852 -523 0 0 345 4,674 -1,390 3,284 3,284 10.05 10.05	0 5,206 -373 0 0 220 5,054 -1,516 3,538 0 3,538 3,538 10.82 10.82	0 0 5,655 -320 0 0 315 5,650 -1,781 3,870 0 3,870 11.84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	-90 0 0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	-90 0 0 65 1,326 -398 928 0 928 928 2.84 -0.5	-90 0 0 0 67 1,180 -354 826 0 826 826	-80 0 0 72 1,376 -426 949 0 949 949	Net Interest Income Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m m m m	-523 0 0 345 4,674 -1,390 3,284 0 3,284 10.05 10.05	-373 0 0 0 220 5,054 -1,516 3,538 0 3,538 3,538 10.82 10.82	-320 0 0 0 315 5,650 -1,781 3,870 0 3,870 3,870	-320 0 0 355 6,235 -1,933 4,302 0 4,302
Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	0 0 0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	0 0 0 65 1,326 -398 928 0 928 928 2.84 -0.5	0 0 67 1,180 -354 826 0 826 826	0 0 72 1,376 -426 949 0 949 949 2.90	Associates Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m m m	0 0 345 4,674 -1,390 3,284 0 3,284 3,284	0 0 220 5,054 -1,516 3,538 0 3,538 3,538 10.82	0 0 0 315 5,650 -1,781 3,870 0 3,870 11.84	0 0 0 355 6,235 -1,933 4,302 0 4,302 13.16
Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	0 0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	0 0 65 1,326 -398 928 0 0 928 928 2.84 -0.5	0 0 67 1,180 -354 826 0 826 826	0 0 72 1,376 -426 949 0 949 949 2.90	Exceptionals Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m m	0 0 345 4,674 -1,390 3,284 0 3,284 3,284	0 0 220 5,054 -1,516 3,538 0 3,538 3,538	0 0 315 5,650 -1,781 3,870 0 3,870 11.84	0 0 355 6,235 -1,933 4,302 0 4,302 4,302
Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	0 68 1,209 -363 847 0 847 847 2.59 2.59 10.3	0 65 1,326 -398 928 0 928 928 2.84 -0.5	0 67 1,180 -354 826 0 826 826 2.53 2.53	0 72 1,376 -426 949 0 949 949 2.90 2.90	Forex Gains / Losses Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m m	0 345 4,674 -1,390 3,284 0 3,284 10.05 10.05	0 220 5,054 -1,516 3,538 0 3,538 3,538 10.82 10.82	315 5,650 -1,781 3,870 0 3,870 3,870	355 6,235 -1,933 4,302 0 4,302 4,302
Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m m m m m m m m m m m m m m m	68 1,209 -363 847 0 847 847 2.59 2.59 10.3	65 1,326 -398 928 0 928 928 2.84 -0.5	67 1,180 -354 826 0 826 826 2.53 2.53	72 1,376 -426 949 0 949 949 2.90 2.90	Other Pre-Tax Income Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m m	345 4,674 -1,390 3,284 0 3,284 3,284 10.05 10.05	220 5,054 -1,516 3,538 0 3,538 3,538 10.82 10.82	315 5,650 -1,781 3,870 0 3,870 3,870	355 6,235 -1,933 4,302 0 4,302 4,302
Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m m m	1,209 -363 847 0 847 847 2.59 2.59 10.3	1,326 -398 928 0 928 928 2.84 -0.5	1,180 -354 826 0 826 826 2.53 2.53	1,376 -426 949 0 949 949 2.90 2.90	Pre-Tax Profit Tax Expense Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m	4,674 -1,390 3,284 0 3,284 3,284 10.05 10.05	5,054 -1,516 3,538 0 3,538 3,538 10.82 10.82	5,650 -1,781 3,870 0 3,870 3,870 11.84	6,235 -1,933 4,302 0 4,302 4,302 13.16
Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m **	847 0 847 847 2.59 2.59 10.3 28.0 22.4 23.9	928 0 928 928 2.84 2.84 -0.5	826 0 826 826 2.53 2.53	949 0 949 949 2.90 2.90	Net Profit Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m m	3,284 3,284 3,284 10.05 10.05	3,538 0 3,538 3,538 10.82 10.82	3,870 0 3,870 3,870	4,302 0 4,302 4,302 13.16
Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m m %	0 847 847 2.59 2.59 10.3 28.0 22.4 23.9	928 928 928 2.84 2.84 -0.5	0 826 826 2.53 2.53	949 949 2.90 2.90	Minority Interests Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m m	3,284 3,284 10.05 10.05	3,538 3,538 10.82 10.82	3,870 3,870 11.84	4,302 4,302 13.16
Reported Earnings Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	m m %	847 847 2.59 2.59 10.3 28.0 22.4 23.9	928 928 2.84 2.84 -0.5	826 826 2.53 2.53	949 949 2.90 2.90	Reported Earnings Adjusted Earnings EPS (rep) EPS (adj)	m m	3,284 3,284 10.05 10.05	3,538 3,538 10.82 10.82	3,870 3,870 11.84	4,302 4,302 13.16
Adjusted Earnings EPS (rep) EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	% % % %	2.59 2.59 10.3 28.0 22.4 23.9	928 2.84 2.84 -0.5	2.53 2.53	949 2.90 2.90	Adjusted Earnings EPS (rep) EPS (adj)	m	3,284 10.05 10.05	3,538 10.82 10.82	3,870 11.84	4,302 13.16
EPS (adj) EPS Growth yoy (adj) EBITDA Margin EBIT Margin	% % %	2.59 10.3 28.0 22.4 23.9	2.84 -0.5 29.0	2.53	2.90	EPS (adj)	%	10.05	10.82		
EPS Growth yoy (adj) EBITDA Margin EBIT Margin	% % %	28.0 22.4 23.9	-0.5 29.0				%				
EBITDA Margin EBIT Margin	% % %	28.0 22.4 23.9	29.0	0.0		2. 0 0.0mm (daj)	,,		7.7	9.4	11.2
EBIT Margin	% % %	22.4 23.9				PE (rep)	х	16.7	15.5	14.2	12.7
EBIT Margin	% % %	22.4 23.9				PE (adj)	x	16.7	15.5	14.2	12.7
	% %	23.9		28.0	27.7	Total DPS Total Div Yield	0/	0.00	5.00	6.00	6.00
	%		23.6 26.2	22.2 23.3	22.7 24.5	Basic Shares Outstanding	% m	0.0 327	3.0 327	3.6 327	3.6 327
Revenue Growth		6.0	-0.6	23.3	5.1	Diluted Shares Outstanding	m	327	327	327	327
EBIT Growth		4.2	-6.0	7.8	-2.7	g					
Profit and Loss Ratios		2016A	2017E	2018E	2019E	Cashflow Analysis		2016A	2017E	2018E	2019E
Revenue Growth	%	19.0	6.6	9.0	9.9	EBITDA	m	5,896	6,310	6,891	7,492
EBITDA Growth EBIT Growth	% %	30.9 39.8	7.0 7.3	9.2 8.6	8.7 9.6	Tax Paid Chgs in Working Cap	m m	-1,390 -29,308	-1,516 -9,668	-1,781 -8,576	-1,933 -7,216
Gross Profit Margin	%	70.2	68.0	68.0	68.0	Net Interest Paid	m	-29,300	-9,000	-0,570	-7,210
EBITDA Margin	%	28.0	28.1	28.1	27.9	Other	m	30,957	9,532	8,745	7,467
EBIT Margin	%	23.0	23.2	23.1	23.0	Operating Cashflow	m	6,155	4,657	5,279	5,810
Net Profit Margin	%	15.6	15.8	15.8	16.0	Acquisitions	m	0	0	0	0
Payout Ratio	%	0.0	46.2	50.7	45.6	Capex	m	-1,042	-1,572	-1,714	-1,883
EV/EBITDA EV/EBIT	X X	9.7 11.8	9.1 11.0	8.3 10.1	7.6 9.2	Asset Sales Other	m	0 -7,604	0 7,293	0 -3,636	0 982
EV/EBIT	^	11.0	11.0	10.1	9.2	Investing Cashflow	m m	-7,604 - 8,646	5,721	-5,349	-902
Balance Sheet Ratios						Dividend (Ordinary)	m	0,040	0	0	0
ROE	%	24.7	21.1	19.4	19.4	Equity Raised	m	Ō	Ö	0	0
ROA	%	21.6	19.9	19.3	19.3	Debt Movements	m	2,146	-2,755	-1,961	-1,961
ROIC	%	27.2	17.8	19.2	17.5	Other	m	0	0	0	0
Net Debt/Equity Interest Cover	% x	29.3 9.3	13.6 14.0	10.0 17.7	9.2 19.4	Financing Cashflow	m	2,146	-2,755	-1,961	-1,961
Price/Book Book Value per Share	X	3.5 48.4	3.1 54.2	2.5 67.9	2.5 67.9	Net Chg in Cash/Debt	m	-345	7,624	-2,031	2,947
						Free Cashflow	m	5,113	3,086	3,566	3,927
						Balance Sheet		2016A	2017E	2018E	2019E
						Cash	m	493	1,591	1,776	1,951
						Receivables	m	4,977	4,617	5,153	5,662
						Inventories Investments	m	669	669	669	669
						Fixed Assets	m m	9,164 8,696	1,871 15,657	5,507 16,135	4,525 16,726
						Intangibles	m	0,030	0	0,133	0,720
						Other Assets	m	1,630	2,315	2,572	2,815
						Total Assets	m	25,629	26,720	31,811	32,347
						Payables	m	0	0	0	0
						Short Term Debt	m	0 5 130	4 000	4 000	4 000
						Long Term Debt Provisions	m m	5,120 195	4,000 210	4,000 240	4,000 267
						Other Liabilities	m m	4,501	4,794	5,383	5,893
						Total Liabilities	m	9,816	9,004	9,623	10,159
						Shareholders' Funds	m	15,812	17,715	22,188	22,188
						Minority Interests	m	0	0	0	0
						Other	m	0 45 943	0 4 7 74 F	0	0
						Total S/H Equity Total Liab & S/H Funds	m m	15,812 25,629	17,715 26,720	22,188 31,811	22,188 32,347
All figures in INR unless noted. Source: Company data, Macquarie	o Doon-	uroh Dooor-	or 2016								

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Important disclosures:

Recommendation definitions

Macquarie - Australia/New Zealand

Outperform – return >3% in excess of benchmark return Neutral – return within 3% of benchmark return Underperform – return >3% below benchmark return

Benchmark return is determined by long term nominal GDP growth plus 12 month forward market dividend yield

Macquarie - Asia/Europe

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie - South Africa

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie - Canada

Outperform – return >5% in excess of benchmark return Neutral – return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie - USA

Outperform (Buy) – return >5% in excess of Russell 3000 index return

Neutral (Hold) – return within 5% of Russell 3000 index return

Underperform (Sell)- return >5% below Russell 3000 index return

Volatility index definition*

This is calculated from the volatility of historical price movements.

Very high-highest risk – Stock should be expected to move up or down 60–100% in a year – investors should be aware this stock is highly speculative.

High – stock should be expected to move up or down at least 40–60% in a year – investors should be aware this stock could be speculative.

Medium – stock should be expected to move up or down at least 30–40% in a year.

Low-medium – stock should be expected to move up or down at least 25–30% in a year.

Low – stock should be expected to move up or down at least 15–25% in a year.

* Applicable to Asia/Australian/NZ/Canada stocks only

Recommendations - 12 months

Note: Quant recommendations may differ from Fundamental Analyst recommendations

Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa*

ROA = adjusted ebit / average total assets

ROA Banks/Insurance = adjusted net profit /average total assets

ROE = adjusted net profit / average shareholders funds Gross cashflow = adjusted net profit + depreciation *equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

Recommendation proportions - For quarter ending 30 September 2016

	AU/NZ	Asia	RSA	USA	CA	EUR	
Outperform	47.26%	55.50%	38.46%	45.47%	59.09%	48.21%	(for US coverage by MCUSA, 8.20% of stocks followed are investment banking clients)
Neutral	38.01%	29.31%	42.86%	48.77%	37.88%	36.79%	(for US coverage by MCUSA, 8.25% of stocks followed are investment banking clients)
Underperform	14.73%	15.19%	18.68%	5.76%	3.03%	15.00%	(for US coverage by MCUSA, 8.00% of stocks followed are investment banking clients)

JAGP IN vs BSE Sensex, & rec history



(all figures in INR currency unless noted)

Note: Recommendation timeline – if not a continuous line, then there was no Macquarie coverage at the time or there was an embargo period. Source: FactSet, Macquarie Research, December 2016

12-month target price methodology

JAGP IN: Rs200.00 based on a PER methodology

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Date	Stock Code (BBG code)	Recommendation	Target Price
31-May-2016	JAGP IN	Neutral	Rs172.00
01-Feb-2016	JAGP IN	Neutral	Rs160.00
02-Nov-2015	JAGP IN	Neutral	Rs145.00
29-Sep-2015	JAGP IN	Neutral	Rs133.00
07-Aug-2015	JAGP IN	Neutral	Rs132.00
29-May-2015	JAGP IN	Neutral	Rs121.00
07-Jan-2015	JAGP IN	Neutral	Rs141.00
13-Oct-2014	JAGP IN	Neutral	Rs122.00
30-Jan-2014	JAGP IN	Neutral	Rs97.00

Target price risk disclosures:

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Analyst certification:

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Macquarie Research Jagran Prakashan

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