# J.P.Morgan

# Jiangsu Expressway - H

FY14 result missed by 6%; resilient Op-CF and raise in payout a positive surprise

- Profit from toll road operation broadly in line, while property profit disappointed. Net profit came in at Rmb2.6B for 2014, down 5% Y/Y and 6% shy of JPMe and consensus estimate. Margin contraction was notable (down 2.5ppt Y/Y) for both toll road operation and property development. In comparison, ZJE's FY14 result fared stronger (delivering an earnings beat of 16%). Keep Neutral on JSE; we continue to favour ZJE over JSE. Key highlights of the result:
  - 1) Toll road operation held steady despite impact from competing road. Toll revenue came in at Rmb5.4B, flattish Y/Y, largely in line with our expectations. For the core toll road, SH-NJ Exy, the 4% traffic growth was diluted by lower pricing (fewer trucks in the mix), resulting in flat toll income (down 1% Y/Y). Truck traffic flow slowed at the west section of SH-NJ Exy, impacted by diversion from Lima Exy (opened at end-2013) and the rationing restrictions imposed on the Nanjing ring road. This led to a 10% drop in truck traffic volume at the west section (given the West section formed c40% of total traffic flow for SH-NJ Exy, this led to a 4% drop in truck traffic for the entire road). Worth noting the worsening sequential trend, as the truck flow on the West section dropped by 16% Y/Y in 2H14 (vs the 4% fall in 1H14).
  - 2) **Property sales missed expectations and guidance.** The segment's revenue arrived at Rmb254MM, up 237% Y/Y against a low base. This, however, fell short of the company's guidance of Rmb500MM+ for the full year (JPMe: Rmb450MM), as the domestic housing market continued the slow grind. GP margin fell notably to 22% vs 2013's 61% (JPMe: 30%). That said, the property segment was insignificant, forming only 3% of revenue and 1% of JSE's gross profit in 2014.
  - 3) **Op-CF remained robust; increase in payout a positive surprise:** Op-CF amounted to Rmb3.1B, flattish Y/Y, equating to 1.2x of NPAT in 2014. JSE declared a final DPS of Rmb0.38/share (flat Y/Y), translating into a 74% payout ratio vs 71% oya (JPMe: 70%). Dividend yield works out at 5% based on the current share price.
- 4Q14 NPAT declined by 8% (vs 9M14's 4% decline) as toll income growth continued trending down: In particular, toll income from the SH-NJ Exy fell 4% vs 9M14's 1% rise.

Jiangsu Expressway - H (Reuters: 0177.HK, Bloomberg: 177 HK)

olaligoa Expilocollaj	(				
Rmb in mn, year-end Dec	FY11A	FY12A	FY13A	FY14E	FY15E
Total Revenue (Rmb mn)	7,401	7,796	7,614	8,159	8,450
Net Profit (Rmb mn)	2,430	2,333	2,708	2,746	2,909
EPS (Rmb)	0.48	0.46	0.54	0.55	0.58
DPS (Rmb)	0.36	0.36	0.38	0.38	0.40
Revenue growth (%)	9.5%	5.3%	(2.3%)	7.1%	3.6%
EPS growth (%)	(2.2%)	(4.0%)	16.0%	1.4%	5.9%
ROE	13.6%	12.7%	14.1%	13.7%	13.9%
P/E (x)	16.4	17.1	14.8	14.5	13.7
P/BV (x)	2.2	2.1	2.0	2.0	1.9
EV/EBITDA (x)	9.5	9.4	8.7	8.4	7.8
Dividend Yield	4.5%	4.5%	4.8%	4.8%	5.1%

Source: Company data, Bloomberg, J.P. Morgan estimates.

# **Neutral**

**0177.HK, 177 HK** Price: HK\$9.90

Price Target: HK\$9.00

#### China

### Infrastructure & Industrial

Karen Li, CFA  $^{\rm AC}$ 

(852) 2800-8589

karen.yy.li@jpmorgan.com

Bloomberg JPMA KLI <GO>

#### Nick Zheng

(852) 2800 8577

nick.zheng@jpmorgan.com

#### Calvin C Wong

(852) 2800 8502

calvin.wong@jpmorgan.com

J.P. Morgan Securities (Asia Pacific) Limited



Company Data	
Shares O/S (mn)	5,038
Market Cap (HK\$ mn)	49,874
Market Cap (\$ mn)	6,431
Price (HK\$)	9.90
Date Of Price	27 Mar 15
Free Float(%)	-
3M - Avg daily vol (mn)	3.35
3M - Avg daily val (HK\$ mn)	31.89
3M - Avg daily val (\$ mn)	4.1
HSCEI	1,1919.69
Exchange Rate	7.75
Price Target End Date	31-Dec-15
Price Target (HK\$)	9.00

### See page 9 for analyst certification and important disclosures, including non-US analyst disclosures.

J.P. Morgan does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.



### Key catalyst for the stock price:

- Stronger-than-expected toll income growth
- Value accretive investments

### **Upside risks to our view:**

- Stronger-than-expected toll revenue recovery
- Milder-than-expected diversion from competing roads, including Nanjing-Changzhou Exy

# Downside risks to our view:

- Lower-than-expected margin for property segment
- Payout on DPS basis not maintained in case that one-off provision on G312 clean-up hits earnings

Key financial metrics	FY13A	FY14E	FY15E	FY16E
Revenues (LC)	7,614	8,159	8,450	8,753
Revenue growth (%)	-2%	7%	4%	4%
EBITDA (LC)	4,619	4,594	4,742	4,896
EBITDA margin (%)	61%	56%	56%	56%
Tax rate (%)	23%	23%	23%	23%
Net profit (LC)	2,708	2,746	2,909	3,064
EPS (LC)	0.54	0.55	0.58	0.61
EPS growth (%)	16%	1%	6%	5%
DPS (LC)	0.38	0.38	0.40	0.43
BVPS (LC)	3.89	4.06	4.25	4.45
Operating cash flow (LC mn)	3,084	3,884	4,186	4,078
Free cash flow (LC mn)	3,144	3,914	4,164	4,015
Interest cover (x)	16.4	19.5	28.3	43.0
Net margin (%)	35.6%	33.7%	34.4%	35.0%
Sales/assets (X)	0.29	0.31	0.31	0.32
Debt/equity (%)	17%	11%	8%	7%
Net debt/equity (%)	15%	7%	-2%	-7%
ROE (%)	14.1%	13.7%	13.9%	14.0%
Key model assumptions	FY13A	FY14E	FY15E	FY16E
Revenue growth (%)	-2.3%	7.1%	3.6%	3.6%
Gross profit margin (%)	51.5%	49.6%	49.6%	49.5%

Source: Company and J.P. Morgan estimates.

Sensitivity analysis	EBIT	EP	S	
Sensitivity to	FY15E	FY16E	FY15E	FY16E
1% chg in Revenue	1%	1%	1%	1%
1% chg in GPM	2%	2%	2%	2%

Source: J.P. Morgan estimates.

### Comparative metrics

Comparative metrics									
	CMP	Mkt Cap	P/	E	EV/EBIT	DA	P/BV		YTD
	LC	\$Mn	FY14E	FY15E	FY14E	FY15E	FY14E	FY15E	Stock perf.
Jiangsu Expressway	9.9	6,293	14.6	13.7	9.6	9.3	2.0	1.9	6.9
Zhejiang Expressway	9.9	5,545	15.9	15.3	7.4	7.1	2.0	1.9	9.9
Shenzhen Expressway	5.53	2,641	9.6	9.1	9.0	8.6	0.8	0.7	7.0
Anhui Expressway	5.1	1,618	8.3	9.1	6.6	6.4	0.9	0.8	-1.9
Hopewell Highway Infra	3.69	1,466	17.2	15.1	5.3	5.0	1.3	1.3	-5.1
Yuexiu Transport	4.85	1,046	10.0	9.0	7.6	6.6	0.7	0.7	2.5

Source: Bloomberg, J.P. Morgan estimates. Prices are as of 3/27/2015.

### Valuation and price target basis

We use a DCF valuation to derive our Dec-15 PT of HK\$9 for Jiangsu Expressway. We assume a WACC of 9.3%, based on a cost of equity of 11%, cost of debt of 4% and target gearing of 20%. Our valuation period ends with the respective concession period for each toll road.

### JSE – Historical dividend yield spread (vs. GHKGB10Y Index)



Source: Bloomberg, Company and J.P. Morgan estimates.

JPMe vs. consensus, chan	ge in estimates	
EPS	FY14E	FY15E
JPMe old	0.58	0.61
JPMe new	0.58	0.61
% chg	0%	0%
Consensus	0.58	0.63

Source: Bloomberg, J.P. Morgan estimates.

# FY14 result review

Table 1: Jiangsu Exy – FY14 result review

Rmb MMs (PRC GAAP)	FY14	FY13	Y/Y chg%	JPMe FY14	% Diff	2H14	2H13	Y/Y chg%	4Q14	4Q13	Y/Y chg%
Revenue	7,879	7,614	3.5%	8,159	-3.4%	3.952	3,946	0.2%	1,903	1,972	-3.5%
Cost of sales	(4,020)	(3,694)		(4,108)		(2,062)	(1,974)		(1,059)	(1,067)	
Gross profit	3,859	3,920	-1.6%	4,050	-4.7%	1,890	1,972	-4.1%	844	905	-6.7%
GPM%	49.0%	51.5%	-2.5	49.6%	-0.7	47.8%	50.0%	-2.1	44.3%	45.9%	-1.5
Operating expenses	(434)	(388)		(441)		(232)	(210)		(133)	(113)	
Business taxes	(241)	(202)		(242)		(129)	(107)		(73)	(56)	
Selling expenses	`(14)	(10)		`(11)		(6)	(6)		(3)	(4)	
Admin expenses	(180)	(176)		(189)		(97)	(98)		(57)	(55)	
Impairment loss of assets	0	1		1		0	1		0	1	
Other gains/losses (net)	32	122		6		13	(10)		15	(7)	
Other investment income	41	50		0		18	· ź		17	ĺź	
Non-operating income	24	105		41		18	10		14	2	
Non-operating expenses	(33)	(32)		(35)		(23)	(22)		(16)	(10)	
EBIT	3,457	3,655	-5.4%	3,616	-4.4%	1,671	1,752	-4.6%	726	784	-7.4%
EBIT margin%	43.9%	48.0%	-4.1	44.3%	-0.4	42.3%	44.4%	-2.1	38.1%	39.8%	-1.6
Net finance expenses	(312)	(293)		(236)		(159)	(174)		(78)	(91)	
Share of profit of associates & JCEs	311	265		299		142	<b>`13</b> 1		46	49	
Earnings before taxes	3,455	3,627	-4.8%	3,679	-6.1%	1,653	1,708	-3.2%	694	742	-6.5%
Income tax expenses	(808)	(852)		(864)		(393)	(408)		(177)	(179)	
Net profit	2,647	2,776	-4.6%	2,815	-6.0%	1,261	1,301	-3.1%	516	563	-8.3%
Minority interest	(73)	(68)		(69)		(30)	(29)		(10)	(11)	
Net profit attributable to shareholders	2,575	2,708	-4.9%	2,746	-6.3%	1,231	1,272	-3.2%	507	552	-8.3%
Net margin	32.7%	35.6%	-2.9	33.7%	-1.0	31.1%	32.2%	-1.1	26.6%	28.0%	-1.4
EPS (Rmb/share)	0.51	0.54		0.55		0.24	0.25		0.10	0.11	
DPS (Rmb/share)	0.38	0.38		0.38		0.38	0.38		0.00	0.00	
Op-CF	3,092	3,084	0.3%	3,884		1,449	1,598		769	681	
Net gearing ratio (%)	20%	21%									
Margins						4= 224				.=	
GP margin	49.0%	51.5%		49.6%		47.8%	50.0%		44.3%	45.9%	
EBIT margin	43.9%	48.0%		44.3%		42.3%	44.4%		38.1%	39.8%	
Net margin	32.7%	35.6%		33.7%		31.1%	32.2%		26.6%	28.0%	
Expenses as % of revenue	2.40/	0.70/		2.00/		2.20/	0.70/		2.00/	0.00/	
Business taxes	3.1%	2.7%		3.0%		3.3%	2.7%		3.9%	2.8%	
Selling expenses	0.2%	0.1%		0.1%		0.2%	0.1%		0.1%	0.2%	
Admin expenses	2.3%	2.3%		2.3%		2.5%	2.5%		3.0%	2.8%	
Impairment loss of assets	0.0%	0.0%		0.0%		0.0%	0.0%		0.0%	0.0%	
Non-operating expenses	0.4%	0.4%		0.4%		0.6%	0.6%		0.8%	0.5%	
Non-operating income	0.3%	1.4%		0.5%		0.5%	0.3%		0.7%	0.1%	
Other ratios				::							
Effective tax rate (%)	23.4%	23.5%		23.5%		23.7%	23.9%		25.6%	24.1%	
MI as % of NP	2.7%	2.4%		2.4%		2.4%	2.2%		1.9%	1.9%	
Dividend payout (%)	74.4%	70.7%		70.0%		NM	NM		0.0%	0.0%	
Op-CF/NPAT (x)	1.2x	1.1x		1.4x		1.2x	1.3x		1.5x	1.2x	

Source: Company data, J.P. Morgan estimates.

Table 2: Jiangsu Exy – FY14 result by segment

Rmb MMs (PRC GAAP)	FY13	FY14	Y/Y chg%	JPMe FY14	% Diff	2H13	2H14	Y/Y chg%
Segmental analysis								
Total revenue	7,614	7,879	3.5%	8,159	-3.4%	3,946	3,952	0.2%
Toll roads	5,345	5,372	0.5%	5,404	-0.6%	2,785	2,729	-2.0%
Shanghai-Nanjing Expressway	4,522	4,491	-0.7%	4,522		2,355	2,274	-3.4%
Shanghai-Nanjing Section of G312	53	53		53		28	27	
Nanjing Section of Nanjing-Lianyungang Highway	37	30		37		20	14	
Guangjing Xicheng Expressway	733	798		792		382	414	
Ancillary Services	2,150	2,207	2.7%	2,258	-2.2%	1,103	1,109	0.5%
Property sales	75	254	237.2%	451	-43.8%	33	91	170.5%
Advertising and others	44	46	4.4%	46	-0.6%	25	24	-2.5%
Total operating expenses	(3,694)	(4,020)	8.8%	(4,108)	-2.1%	(1,974)	(2,062)	4.5%
Toll roads	(1,549)	(1,633)		(1,571)		(886)	(901)	
Shanghai-Nanjing Expressway	(1,085)	(1,107)		(1,012)		(594)	(602)	
Shanghai-Nanjing Section of G312	(201)	(277)		(316)		(133)	(142)	
Nanjing Section of Nanjing-Lianyungang Highway	(18)	(16)		(18)		(10)	(7)	
Guangjing Xicheng Expressway	(245)	(233)		(224)		(149)	(150)	
Ancillary Services	(2 <u>,</u> 100)	(2 <u>,</u> 174)		(2,205)		(1,080)	(1,093)	
Property sales	(30)	(197)		(316)		2	(58)	
Advertising and others	(16)	(17)		(17)		(10)	(10)	
Total gross profit	3,920	3,859	-1.6%	4,050	-4.7%	1,972	1,890	-4.1%
Toll roads	3,796	3,739	-1.5%	3,833	-2.4%	1,899	1,828	-3.7%
Shanghai-Nanjing Expressway	3,436	3,384	-1.5%	3,510	-3.6%	1,761	1,672	-5.0%
Shanghai-Nanjing Section of G312	(147)	(224)		(263)		(105)	(115)	
Nanjing Section of Nanjing-Lianyungang Highway	· 19	` 14		` 19		` 11	` Ź	
Guangjing Xicheng Expressway	488	565		567		233	264	
Ancillary Services	50	34	-32.9%	53	-36.1%	23	16	-28.1%
Property sales	46	56	23.6%	135	-58.3%	35	32	-8.5%
Advertising and others	28	29	4.0%	30	-1.0%	15	14	-6.9%
Blended gross profit margin	51%	49%	-2.5	50%	-0.7	50%	48%	-2.1
Toll roads	71%	70%	-1.4	71%	-1.3	68%	67%	-1.2
Shanghai-Nanjing Expressway	76%	75%	-0.7	78%	-2.3	75%	74%	-1.3
Shanghai-Nanjing Section of G312	-276%	-422%		-492%		-379%	-433%	
Nanjing Section of Nanjing-Lianyungang Highway	51%	48%		51%		53%	47%	
Guangjing Xicheng Expressway	67%	71%		72%		61%	64%	
Ancillary Services	2%	2%	-0.8	2%	-0.8	2%	1%	-0.6
Property sales	61%	22%	-38.5	30%	-7.7	105%	36%	-69.8
Advertising and others	64%	64%	-0.3	64%	-0.3	61%	58%	-2.7

Source: Company data, J.P. Morgan estimates.

Table 3: Jiangsu Exy – 4Q14 result by segment

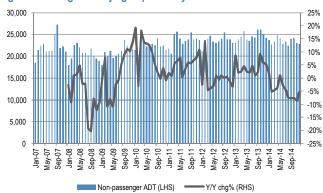
Rmb MMs (PRC GAAP)	4Q14	4Q13	Y/Y chg%	3Q14	3Q13	Y/Y chg%	9M14	9M13	Y/Y chg%
Segmental analysis									
Total revenue	1,903	1,972	-3.5%	2,049	1,974	4%	5,976	5,642	6%
Toll roads	1,326	1,367	-3.0%	1,403	1,418	-1%	4,046	3,978	2%
Shanghai-Nanjing Expressway	1,103	1,151	-4.2%	1,171	1,204	-3%	3,388	3,371	1%
Shanghai-Nanjing Section of G312	13	15	-10.6%	14	13	3%	40	39	3%
Nanjing Section of Nanjing-Lianyungang Highway	7	11	-34.8%	7	10	-26%	23	26	-12%
Guangjing Xicheng Expressway	203	190	6.8%	211	192	10%	595	543	10%
Ancillary Services	516	562	-8.2%	593	541	10%	1,692	1,589	7%
Property sales	48	30	63.2%	42	4	1007%	205	46	351%
Advertising and others	13	14	-9.0%	11	11	6%	33	30	11%

Source: Company data, J.P. Morgan research.



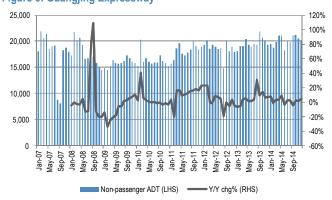
# Non-passenger ADT tracker

Figure 1: Shanghai-Nanjing Expressway



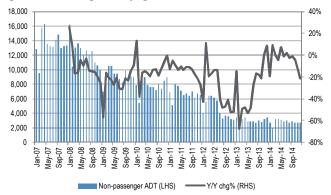
Source: J.P. Morgan estimates, Company data.

Figure 3: Guangjing Expressway



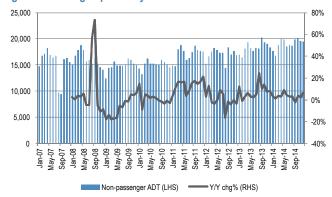
Source: J.P. Morgan estimates, Company data.

Figure 5: The Shanghai-Nanjing Section of G312



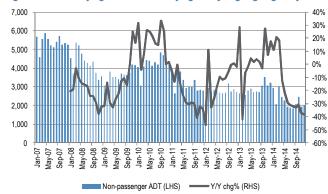
Source: J.P. Morgan estimates, Company data.

Figure 2: Xicheng Expressway



Source: J.P. Morgan estimates, Company data.

Figure 4: The Nanjing Section of Nanjing-Lianyungang Highway



Source: J.P. Morgan estimates, Company data.

Karen Li, CFA (852) 2800-8589 karen.yy.li@jpmorgan.com

# Investment Thesis, Valuation and Risks

# Jiangsu Expressway - H (Neutral; Price Target: HK\$9.00)

### **Investment Thesis**

We expect modest but steady growth for Jiangsu Exy's tollroad business. Our revenue growth of 4% over the forecast period factors in the impact from the traffic diversion as a result of the opening of Li-Ma Exy, as well as that from the rationing restrictions imposed on Nanjing Ring Road (since beginning of 2014).

The stock trades at 12.2x P/E and 7.7x EV/EBITDA on FY15E, offering a yield of 5.7%, fair against projected ROE of c12% and EPS CAGR of 5.6% over FY15-16E, hence Neutral rating.

### Valuation

We use a DCF valuation to derive our Dec-15 PT of HK\$9 for Jiangsu Expressway. We assume a WACC of 9.3%, based on a cost of equity of 11%, cost of debt of 4% and target gearing of 20%. Our valuation period ends with the respective concession period for each tollroad. Our PT implies a P/E of 12.4x/11.8x, P/B of 1.7x/1.6x, and an EV/EBITDA of 7.8/7.6x on FY15/FY16.

### Risks to Rating and Price Target

Upside risks to our rating and price target include: 1) stronger-than-expected toll revenue recovery; and 2) milder-than-expected traffic diversion from competing roads, including Nanjing-Changzhou Exy.

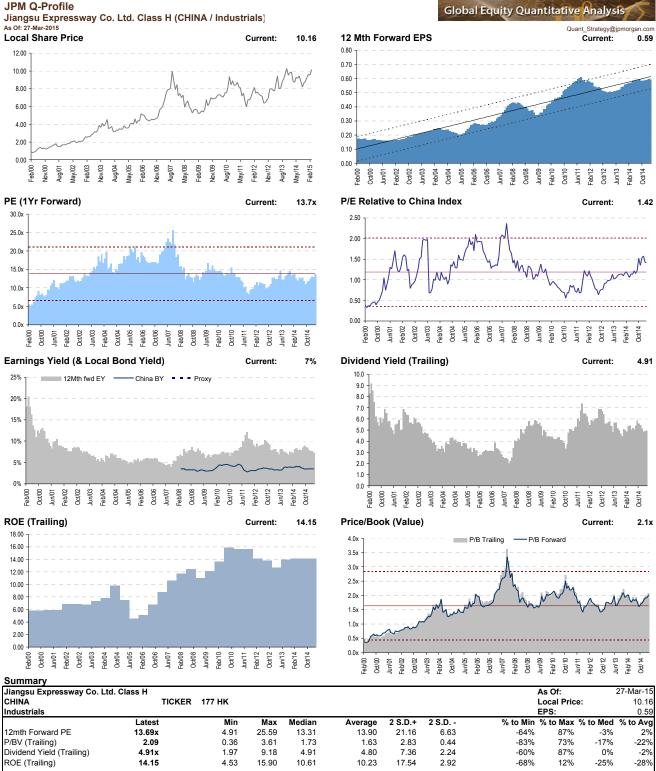
Downside risks include: 1) further delay in property revenue; and 2) payout on DPS basis not maintained in case that one-off provision on G312 clean-up hits earnings.

# Jiangsu Expressway - H: Summary of Financials

Income Statement	·					Cash flow statement					
Rmb in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E	Rmb in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E
Revenues	7,796	7,614	8,159	8,450	8,753	Operating Income	3,346	3,655	3,616	3,740	3,869
% change Y/Y	5.3%	(2.3%)	7.1%	3.6%	3.6%	Depr. & amortization	978	964	978	1,002	1,026
EBITDA	4,324	4,619	4,594	4,742	4,896	Change in working capital	(366)	(556)	154	359	147
% change Y/Y	(1.5%)	6.8%	(0.5%)	3.2%	3.2%	Other operating activities	(569)	(952)	(928)	(1,071)	(1,200)
EBITDA Margin	55.5%	60.7%	56.3%	56.1%	55.9%	Cash flow from operations	3,189	3,084	3,884	4,186	4,078
EBIT	3,346	3,655	3,616	3,740	3,869						
% change Y/Y	(1.3%)	9.2%	(1.1%)	3.4%	3.4%	Capex	(165)	(241)	(150)	(150)	(150)
EBIT Margin	42.9%	48.0%	44.3%	44.3%	44.2%	Disposal/(purchase)	46	85	0	0	0
Net Interest	(318)	(282)	(236)	(168)		Other investing activities	139	158	8	19	35
Earnings before tax	3,146	3,627	3,679	3,897	4,105	Cash flow from investing	(1,310)	(965)	(142)	(131)	(115)
% change Y/Y	(3.6%)	15.3%	1.4%	5.9%	5.4%	Free cash flow	3,311	3,144	3,914	4,164	4,015
Tax	(764)	(852)	(864)	(915)	(964)						
as % of EBT	24.3%	23.5%	23.5%	23.5%	23.5%	Debt raised/(repaid)	173	(212)	(1,222)	(601)	(590)
Net income (reported)	2,333	2,708	2,746	2,909	3,064	Dividends paid	(2,165)	(2,162)	(1,914)	(1,923)	(2,036)
% change Y/Y	(4.0%)	16.0%	1.4%	5.9%	5.4%	Other financing activities	(8)	(23)	(243)	(186)	(149)
Shares outstanding	5,038	5,038	5,038	5,038	5,038	Cash flow from financing	(1,999)	(2,397)	(3,379)	(2,710)	(2,775)
EPS (reported)	0.46	0.54	0.55	0.58	0.61	· ·	, , ,	, ,	, ,	, ,	, ,
% change Y/Y	(4.0%)	16.0%	1.4%	5.9%	5.4%	Beginning cash	806	686	409	771	2,116
· ·	, ,					Ending cash	686	409	771	2,116	3,305
						DPS	0.36	0.38	0.38	0.40	0.43
Balance sheet						Ratio Analysis					
Rmb in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E	Rmb in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E
Cash and cash equivalents	686	409	771	2,116	3,305	EBITDA margin	55.5%	60.7%	56.3%	56.1%	55.9%
Prepayment & other receivables	83	52	55	57	59	Operating margin	42.9%	48.0%	44.3%	44.3%	44.2%
Inventories	1,945	2,845	2,713	2,347	2,193	Net margin	29.9%	35.6%	33.7%	34.4%	35.0%
Other current assets	1,525	1,449	1,538	1,586		SG&A/Sales	2.4%	2.4%	2.4%	2.4%	2.4%
Current accets											
Current assets	4,240	4,754	5,078	6,107	7,194						
LT investments	,		,	,	7,194 4,761	Sales growth	5.3%	(2.3%)	7.1%	3.6%	3.6%
	3,493	3,789	4,088	4,412	4,761	Sales growth EBITDA growth	5.3% (1.5%)	٠,		3.6% 3.2%	3.6% 3.2%
LT investments	,		,	4,412 1,166	4,761 1,120	EBITDA growth	5.3% (1.5%) (4.0%)	(2.3%) 6.8% 16.0%	7.1% (0.5%) 1.4%		
LT investments Net fixed assets	3,493 1,159 297	3,789 1,227 1,307	4,088 1,202 1,307	4,412 1,166 1,307	4,761 1,120 1,307		(1.5%)	6.8%	(0.5%)	3.2%	3.2%
LT investments Net fixed assets Other non-current assets	3,493 1,159	3,789 1,227	4,088 1,202 1,307	4,412 1,166	4,761 1,120 1,307	EBITDA growth EPS growth	(1.5%)	6.8%	(0.5%)	3.2%	3.2%
LT investments Net fixed assets Other non-current assets Total Assets	3,493 1,159 297	3,789 1,227 1,307	4,088 1,202 1,307	4,412 1,166 1,307	4,761 1,120 1,307	EBITDA growth EPS growth Interest coverage (x)	(1.5%) (4.0%)	6.8% 16.0%	(0.5%) 1.4% 19.5	3.2% 5.9% 28.3	3.2% 5.4% 43.0
LT investments Net fixed assets Other non-current assets Total Assets Liabilities	3,493 1,159 297 25,849	3,789 1,227 1,307 26,834	4,088 1,202 1,307	4,412 1,166 1,307 27,130	4,761 1,120 1,307 27,690	EBITDA growth EPS growth Interest coverage (x) Net debt to total capital	(1.5%) (4.0%) 13.6 15.5%	6.8% 16.0% 16.4 13.3%	(0.5%) 1.4% 19.5 6.7%	3.2% 5.9% 28.3 (2.1%)	3.2% 5.4% 43.0 (8.1%)
LT investments Net fixed assets Other non-current assets Total Assets Liabilities Short-term loans	3,493 1,159 297	3,789 1,227 1,307	4,088 1,202 1,307 26,629	4,412 1,166 1,307	4,761 1,120 1,307 27,690	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity	(1.5%) (4.0%)	6.8% 16.0%	(0.5%) 1.4% 19.5	3.2% 5.9% 28.3	3.2% 5.4% 43.0
LT investments Net fixed assets Other non-current assets Total Assets Liabilities Short-term loans Construction cost payable	3,493 1,159 297 25,849 3,752 349	3,789 1,227 1,307 26,834 3,222 372	4,088 1,202 1,307 26,629 601 413	4,412 1,166 1,307 27,130 92 429	4,761 1,120 1,307 27,690 76 445	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3	6.8% 16.0% 16.4 13.3% 15.3% 0.3	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3	3.2% 5.4% 43.0 (8.1%) (7.5%) 0.3
LT investments Net fixed assets Other non-current assets Total Assets Liabilities Short-term loans Construction cost payable Other current liabilities	3,493 1,159 297 25,849 3,752 349 1,643	3,789 1,227 1,307 26,834 3,222 372 1,879	4,088 1,202 1,307 26,629 601 413 1,953	4,412 1,166 1,307 27,130 92 429 1,980	4,761 1,120 1,307 27,690 76 445 2,009	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets Assets/equity	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3 139.1%	6.8% 16.0% 16.4 13.3% 15.3%	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3 133.6%	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3 128.5%	3.2% 5.4% 43.0 (8.1%) (7.5%)
LT investments Net fixed assets Other non-current assets Total Assets Liabilities Short-term loans Construction cost payable Other current liabilities Total current liabilities	3,493 1,159 297 25,849 3,752 349 1,643 5,744	3,789 1,227 1,307 26,834 3,222 372 1,879 5,472	4,088 1,202 1,307 26,629 601 413 1,953 2,967	4,412 1,166 1,307 27,130 92 429 1,980 2,501	4,761 1,120 1,307 27,690 76 445 2,009 2,530	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets Assets/equity ROE	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3 139.1% 12.7%	6.8% 16.0% 16.4 13.3% 15.3% 0.3 137.6% 14.1%	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3 133.6% 13.7%	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3 128.5% 13.9%	3.2% 5.4% 43.0 (8.1%) (7.5%) 0.3 125.0% 14.0%
LT investments Net fixed assets Other non-current assets Total Assets Liabilities Short-term loans Construction cost payable Other current liabilities Total current liabilities Long-term debt	3,493 1,159 297 25,849 3,752 349 1,643 5,744 453	3,789 1,227 1,307 26,834 3,222 372 1,879 5,472 271	4,088 1,202 1,307 26,629 601 413 1,953 2,967 1,670	4,412 1,166 1,307 27,130 92 429 1,980 2,501 1,578	4,761 1,120 1,307 27,690 76 445 2,009 2,530 1,502	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets Assets/equity	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3 139.1%	6.8% 16.0% 16.4 13.3% 15.3% 0.3 137.6%	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3 133.6%	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3 128.5%	3.2% 5.4% 43.0 (8.1%) (7.5%) 0.3 125.0% 14.0%
LT investments Net fixed assets Other non-current assets Total Assets  Liabilities Short-term loans Construction cost payable Other current liabilities Total current liabilities Long-term debt Other liabilities	3,493 1,159 297 25,849 3,752 349 1,643 5,744 453 496	3,789 1,227 1,307 26,834 3,222 372 1,879 5,472 271 992	4,088 1,202 1,307 26,629 601 413 1,953 2,967 1,670 992	4,412 1,166 1,307 27,130 92 429 1,980 2,501 1,578 992	4,761 1,120 1,307 27,690 76 445 2,009 2,530 1,502 495	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets Assets/equity ROE	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3 139.1% 12.7%	6.8% 16.0% 16.4 13.3% 15.3% 0.3 137.6% 14.1%	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3 133.6% 13.7%	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3 128.5% 13.9%	3.2% 5.4% 43.0 (8.1%) (7.5%) 0.3 125.0% 14.0%
LT investments Net fixed assets Other non-current assets Total Assets  Liabilities Short-term loans Construction cost payable Other current liabilities Total current liabilities Long-term debt Other liabilities Total Liabilities	3,493 1,159 297 25,849 3,752 349 1,643 5,744 453 496 6,694	3,789 1,227 1,307 26,834 3,222 372 1,879 5,472 271 992 6,736	4,088 1,202 1,307 26,629 601 413 1,953 2,967 1,670 992 5,630	92 429 1,980 2,501 1,578 992 5,072	4,761 1,120 1,307 27,690 76 445 2,009 2,530 1,502 495 4,527	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets Assets/equity ROE	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3 139.1% 12.7%	6.8% 16.0% 16.4 13.3% 15.3% 0.3 137.6% 14.1%	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3 133.6% 13.7%	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3 128.5% 13.9%	3.2% 5.4% 43.0 (8.1%) (7.5%) 0.3 125.0%
LT investments Net fixed assets Other non-current assets Total Assets  Liabilities Short-term loans Construction cost payable Other current liabilities Total current liabilities Long-term debt Other liabilities	3,493 1,159 297 25,849 3,752 349 1,643 5,744 453 496	3,789 1,227 1,307 26,834 3,222 372 1,879 5,472 271 992	4,088 1,202 1,307 26,629 601 413 1,953 2,967 1,670 992	4,412 1,166 1,307 27,130 92 429 1,980 2,501 1,578 992	4,761 1,120 1,307 27,690 76 445 2,009 2,530 1,502 495	EBITDA growth EPS growth  Interest coverage (x) Net debt to total capital Net debt to equity Sales/assets Assets/equity ROE	(1.5%) (4.0%) 13.6 15.5% 18.4% 0.3 139.1% 12.7%	6.8% 16.0% 16.4 13.3% 15.3% 0.3 137.6% 14.1%	(0.5%) 1.4% 19.5 6.7% 7.1% 0.3 133.6% 13.7%	3.2% 5.9% 28.3 (2.1%) (2.0%) 0.3 128.5% 13.9%	3.2% 5.4% 43.0 (8.1%) (7.5%) 0.3 125.0% 14.0%

Source: Company reports and J.P. Morgan estimates.





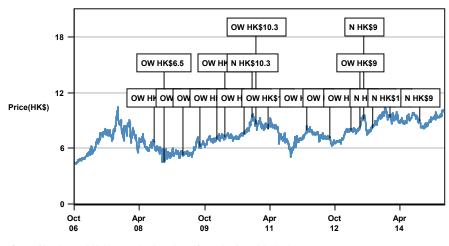
**Other Companies Discussed in This Report** (all prices in this report as of market close on 27 March 2015) Zhejiang Expressway (0576.HK/HK\$9.90/Overweight)

Analyst Certification: The research analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, the research analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the research analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. For all Korea-based research analysts listed on the front cover, they also certify, as per KOFIA requirements, that their analysis was made in good faith and that the views reflect their own opinion, without undue influence or intervention.

# **Important Disclosures**

Company-Specific Disclosures: Important disclosures, including price charts and credit opinion history tables, are available for compendium reports and all J.P. Morgan—covered companies by visiting <a href="https://jpmm.com/research/disclosures">https://jpmm.com/research/disclosures</a>, calling 1-800-477-0406, or e-mailing <a href="research.disclosure.inquiries@jpmorgan.com">research.disclosure.inquiries@jpmorgan.com</a> with your request. J.P. Morgan's Strategy, Technical, and Quantitative Research teams may screen companies not covered by J.P. Morgan. For important disclosures for these companies, please call 1-800-477-0406 or e-mail <a href="research.disclosure.inquiries@jpmorgan.com">research.disclosure.inquiries@jpmorgan.com</a>.

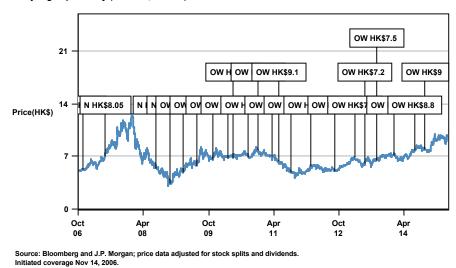
Jiangsu Expressway - H (0177.HK, 177 HK) Price Chart



Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Jul 30, 2008.

Date	Rating	Share Price (HK\$)	Price Target (HK\$)
30-Jul-08	OW	6.65	7.80
28-Oct-08	OW	4.55	6.50
31-Mar-09	OW	5.26	6.20
23-Aug-09	OW	6.28	6.90
14-Jan-10	OW	6.96	8.60
22-Mar-10	OW	7.17	8.80
23-Aug-10	OW	7.58	9.10
29-Oct-10	N	9.40	10.30
02-Dec-10	OW	8.57	10.30
20-Mar-11	OW	8.04	10.00
06-Feb-12	OW	8.00	9.70
20-Aug-12	OW	7.07	8.60
05-Feb-13	OW	8.00	8.70
26-Apr-13	OW	8.24	9.00
27-May-13	N	9.20	9.00
10-Aug-13	N	8.21	9.40
06-Jan-14	N	9.32	10.00
12-Sep-14	N	8.89	9.00

Zhejiang Expressway (0576.HK, 576 HK) Price Chart



Date	Rating	Share Price (HK\$)	Price Target (HK\$)
14-Nov-06	N	5.34	5.80
16-May-07	N	7.04	8.05
16-Jul-08	N	5.51	6.30
13-Nov-08	N	3.42	5.30
26-Feb-09	OW	4.89	6.20
21-Jun-09	OW	5.75	6.80
04-Nov-09	OW	6.71	7.60
15-Mar-10	OW	6.85	7.50
20-Apr-10	OW	6.83	8.10
30-Aug-10	OW	6.95	8.50
21-Nov-10	OW	7.89	9.10
14-Mar-11	OW	7.03	8.90
11-May-11	OW	6.45	9.10
23-Aug-11	OW	4.93	9.40
06-Feb-12	OW	5.71	8.30
26-Aug-12	OW	5.13	7.10
05-Feb-13	OW	6.89	7.40
07-May-13	OW	6.09	7.20
10-Aug-13	OW	6.52	7.50
06-Jan-14	OW	7.18	8.10
29-Jun-14	OW	7.85	8.80
15-Sep-14	OW	8.02	9.00

The chart(s) show J.P. Morgan's continuing coverage of the stocks; the current analysts may or may not have covered it over the entire period.

J.P. Morgan ratings or designations: OW = Overweight, N= Neutral, UW = Underweight, NR = Not Rated

### Explanation of Equity Research Ratings, Designations and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Neutral [Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Not Rated (NR): J.P. Morgan has removed the rating and, if applicable, the price target, for this stock because of either a lack of a sufficient fundamental basis or for legal, regulatory or policy reasons. The previous rating and, if applicable, the price target, no longer should be relied upon. An NR designation is not a recommendation or a rating. In our Asia (ex-Australia) and U.K. small- and mid-cap equity research, each stock's expected total return is compared to the expected total return of a benchmark country market index, not to those analysts' coverage universe. If it does not appear in the Important Disclosures section of this report, the certifying analyst's coverage universe can be found on J.P. Morgan's research website, www.jpmorganmarkets.com.

Coverage Universe: Li, Karen: BTS Group Holdings (BTS.BK), Beijing Capital International Airport (0694.HK), CIMC ENRIC HOLDINGS LTD (3899.HK), COSCO Pacific (1199.HK), CSR Corp - A (601766.SS), CSR Corp - H (1766.HK), Changsha Zoomlion Heavy Industry - A (000157.SZ), Changsha Zoomlion Heavy Industry - H (1157.HK), China Communications Construction - A (601800.SS), China Communications Construction - H (1800.HK), China Merchants Holdings Int'l (0144.HK), China Railway Construction - A (601186.SS), China Railway Construction - H (1186.HK), China Railway Group Limited - A (601390.SS), China Railway Group Limited - H (0390.HK), Hollysys Automation Technologies Ltd. (HOLI), Hutchison Port Holdings Trust (HPHT.SI), International Container Terminal Services, Inc. (ICT.PS), Jiangsu Expressway - A (600377.SS), Jiangsu Expressway - H (0177.HK), Lonking Holdings Ltd (3339.HK), QINHUANGDAO PORT CO LTD - H (3369.HK), SANY Heavy Equipment International Holdings Company (0631.HK), Sinopec Engineering Group (2386.HK), Weichai Power - A (000338.SZ), Weichai Power - H (2338.HK), Zhejiang Expressway (0576.HK), Zhengzhou Coal Mining Machinery Group - A (601717.SS), Zhengzhou Coal Mining Machinery Group - H (0564.HK), Zhuzhou CSR Times Electric Co., Ltd. (3898.HK)

#### J.P. Morgan Equity Research Ratings Distribution, as of January 1, 2015

	Overweight	Neutral	Underweight
	(buy)	(hold)	(sell)
J.P. Morgan Global Equity Research Coverage	45%	43%	12%
IB clients*	56%	49%	33%
JPMS Equity Research Coverage	45%	48%	7%
IB clients*	75%	67%	52%

<sup>\*</sup>Percentage of investment banking clients in each rating category.

For purposes only of FINRA/NYSE ratings distribution rules, our Overweight rating falls into a buy rating category; our Neutral rating falls into a hold rating category; and our Underweight rating falls into a sell rating category. Please note that stocks with an NR designation are not included in the table above.

**Equity Valuation and Risks:** For valuation methodology and risks associated with covered companies or price targets for covered companies, please see the most recent company-specific research report at <a href="http://www.jpmorganmarkets.com">http://www.jpmorganmarkets.com</a>, contact the primary analyst or your J.P. Morgan representative, or email research.disclosure.inquiries@jpmorgan.com.

**Equity Analysts' Compensation:** The equity research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

**Registration of non-US Analysts:** Unless otherwise noted, the non-US analysts listed on the front of this report are employees of non-US affiliates of JPMS, are not registered/qualified as research analysts under NASD/NYSE rules, may not be associated persons of JPMS, and may not be subject to FINRA Rule 2711 and NYSE Rule 472 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

### **Other Disclosures**

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries.

All research reports made available to clients are simultaneously available on our client website, J.P. Morgan Markets. Not all research content is redistributed, e-mailed or made available to third-party aggregators. For all research reports available on a particular stock, please contact your sales representative.

**Options related research:** If the information contained herein regards options related research, such information is available only to persons who have received the proper option risk disclosure documents. For a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options, please contact your J.P. Morgan Representative or visit the OCC's website at <a href="http://www.optionsclearing.com/publications/risks/riskstoc.pdf">http://www.optionsclearing.com/publications/risks/riskstoc.pdf</a>

### **Legal Entities Disclosures**

U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N.A. is a member of FDIC. U.K.: JPMorgan Chase N.A., London Branch, is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and to limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from J.P. Morgan on request. J.P. Morgan Securities plc (JPMS plc) is a member of the London Stock Exchange and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. Registered in England & Wales No. 2711006. Registered Office 25 Bank Street, London, E14 5JP. South Africa: J.P. Morgan Equities South Africa Proprietary Limited is a member of the Johannesburg Securities Exchange and is regulated by the Financial Services Board. Hong Kong: J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong and/or J.P. Morgan Broking (Hong Kong) Limited (CE number AAB027) is regulated by the Securities and Futures Commission in Hong Kong. Korea: J.P. Morgan Securities (Far East) Ltd, Seoul Branch, is regulated by the Korea Financial Supervisory Service. Australia: J.P. Morgan Australia Limited (JPMAL) (ABN 52 002 888 011/AFS Licence No: 238188) is regulated by ASIC and J.P. Morgan Securities Australia Limited (JPMSAL) (ABN 61 003 245 234/AFS Licence No: 238066) is regulated by ASIC and is a Market, Clearing and Settlement Participant of ASX Limited and CHI-X. Taiwan: J.P.Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. India: J.P. Morgan India Private Limited (Corporate Identity Number - U67120MH1992FTC068724), having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz - East, Mumbai - 400098, is a member of the National Stock Exchange of India Limited (SEBI Registration Number - INB 230675231/INF 230675231/INE 230675231) and Bombay Stock Exchange Limited (SEBI Registration Number - INB 010675237/INF 010675237) and is regulated by Securities and Exchange Board of India. Telephone: 91-22-6157 3000, Facsimile: 91-22-6157 3990 and Website: www.jpmipl.com. For non local research reports, this material is not distributed in India by J.P. Morgan India Private Limited. Thailand: This material is issued and distributed in Thailand by JPMorgan Securities (Thailand) Ltd., which is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission and its registered address is 3rd Floor, 20 North Sathorn Road, Silom, Bangrak, Bangkok 10500. Indonesia: PT J.P. Morgan Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the OJK a.k.a. BAPEPAM LK. Philippines: J.P. Morgan Securities Philippines Inc. is a Trading Participant of the Philippine Stock Exchange and a member of the Securities Clearing Corporation of the Philippines and the Securities Investor Protection Fund. It is regulated by the Securities and Exchange Commission. Brazil: Banco J.P. Morgan S.A. is regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. Mexico: J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. Singapore: This material is issued and distributed in Singapore by or through J.P. Morgan Securities Singapore Private Limited (JPMSS) [MCI (P) 100/03/2015 and Co. Reg. No.: 199405335R] which is a member of the Singapore Exchange Securities Trading Limited and is regulated by the

Monetary Authority of Singapore (MAS) and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) which is regulated by the MAS. This material is provided in Singapore only to accredited investors, expert investors and institutional investors, as defined in Section 4A of the Securities and Futures Act, Cap. 289. Recipients of this document are to contact JPMSS or JPMCB Singapore in respect of any matters arising from, or in connection with, the document. Japan: JPMorgan Securities Japan Co., Ltd. is regulated by the Financial Services Agency in Japan. Malaysia: This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. Pakistan: J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. Saudi Arabia: J.P. Morgan Saudi Arabia Ltd. is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad Road, P.O. Box 51907, Riyadh 11553, Kingdom of Saudi Arabia. Dubai: JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE.

#### **Country and Region Specific Disclosures**

U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U.K. and the EEA by JPMS plc. Investment research issued by JPMS plc has been prepared in accordance with JPMS plc's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. This report has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction. Australia: This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only. This material does not take into account the specific investment objectives, financial situation or particular needs of the recipient. The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the purposes of this paragraph the term "wholesale client" has the meaning given in section 761G of the Corporations Act 2001. Germany: This material is distributed in Germany by J.P. Morgan Securities plc, Frankfurt Branch and J.P.Morgan Chase Bank, N.A., Frankfurt Branch which are regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht. Hong Kong: The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures Commission. (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months prior.) J.P. Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear contracts and stock options listed on the Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website: http://www.hkex.com.hk. Japan: There is a risk that a loss may occur due to a change in the price of the shares in the case of share trading, and that a loss may occur due to the exchange rate in the case of foreign share trading. In the case of share trading, JPMorgan Securities Japan Co., Ltd., will be receiving a brokerage fee and consumption tax (shouhizei) calculated by multiplying the executed price by the commission rate which was individually agreed between JPMorgan Securities Japan Co., Ltd., and the customer in advance. Financial Instruments Firms: JPMorgan Securities Japan Co., Ltd., Kanto Local Finance Bureau (kinsho) No. 82 Participating Association / Japan Securities Dealers Association, The Financial Futures Association of Japan, Type II Financial Instruments Firms Association and Japan Investment Advisers Association. Korea: This report may have been edited or contributed to from time to time by affiliates of J.P. Morgan Securities (Far East) Ltd, Seoul Branch. Singapore: JPMSS and/or its affiliates may have a holding in any of the securities discussed in this report; for securities where the holding is 1% or greater, the specific holding is disclosed in the Important Disclosures section above. Taiwan: This material is issued and distributed in Taiwan by J.P. Morgan Securities (Taiwan) Limited. India: For private circulation only, not for sale. Pakistan: For private circulation only, not for sale. New Zealand: This material is issued and distributed by JPMSAL in New Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. Canada: The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation to the contrary is an offence. Dubai: This report has been issued to persons regarded as professional clients as defined under the DFSA rules. Brazil: Ombudsman J.P. Morgan: 0800-7700847 / ouvidoria.jp.morgan@jpmorgan.com.

General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to JPMS and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is as of the close of market for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent decisions regarding any securities or financial instruments mentioned herein. JPMS distributes in the U.S. research published by non-U.S. affiliates and accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise.

"Other Disclosures" last revised March 28, 2015.

Asia Pacific Equity Research 30 March 2015

Karen Li, CFA (852) 2800-8589 karen.yy.li@jpmorgan.com J.P.Morgan

 $Copyright\ 2015\ JPMorgan\ Chase\ \&\ Co.\ All\ rights\ reserved.\ This\ report\ or\ any\ portion\ hereof\ may\ not\ be\ reprinted,\ sold\ or\ redistributed\ without\ the\ written\ consent\ of\ J.P.\ Morgan.$