

Equity | 30 November 2012

# India Equity Strategy

## 2013: +10%

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- **View From Here**

# View – from here

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- 2013 Year End Target: Sensex - 20,800 (+10%); NIFTY – 6,322
- Government actions help risk sentiment/ flows
- However underlying economy unlikely to revive in a hurry
- Macro tailwinds (interest rates, liquidity, inflation)
- And corporate risk / profitability pressures might be peaking
- There is a way to play a slowing economy and an easing macro
- Portfolio: Play for upside – rate cyclicals

# Cyclically: tailwinds

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- Market interest rates are falling
- Liquidity has eased
- Earnings are stabilizing
- Government seems to be waking up (administrative reforms being done, can legislative reforms be pushed through?)
- Foreign flows pouring in.....Valuations look reasonable but getting richer

# Structurally: headwinds have not gone away

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- Growth: The new normal – 6%?
- Government decision-making – will the current momentum sustain?
- Energy vulnerability – here to stay
- Current account deficit remains an issue
- Savings rates falling – dependence on capital flows rising
- Businesses now looking at returns, rather than growth
- Politics – fundamental challenges?
- India has structurally de-rated – where will its multiple settle?

# Reforms: what's been announced, what's pending?

<b>Announced Reforms / Pending Bills</b>	<b>Key Features</b>	<b>Parliament Approval Required?</b>
Fuel Price Hike	Diesel price raised by Rs 5/ltr, Subsidised LPG cylinders capped at 6/household	No
FDI		
Multi-Brand Retail	51% FDI permitted subject to State approval	No
Single- Brand Retail	FDI beyond 51% requires 30% sourcing locally from MSMEs, cottage industries etc.	No
Broadcasting Services	74% FDI allowed in teleports, mobile tv and sky broadcasting services	No
Insurance	49% FDI allowed, public sector insurance cos can get listed w government stake at at least 51%	Yes
Pension	49% FDI, has one term 'return scheme' action, gives statutory power to regulatory authority	Yes
Power Exchanges	49% FDI allowed	No
Civil Aviation	49% FDI in scheduled and non-scheduled air transport services	No
Divestment in PSUs	Divestment proceeds of approximately Rs 150 bn	No
Competition Bill	All sectors under the purview of competition law, merger of weak/ failing banks excluded	Yes
SEB loan restructuring	US\$38bn of loans restructured/ converted to state debt	No
Overseas Loans	Withholding tax lowered from 20% to 5%	No
Companies Bill (Amendments)	Ensures more transparent corporate governance	Yes
Forward Contract Regulation Act	Facilitate entry of institutional investors, introduce commodity options and derivatives trading	Yes
Land Acquisition Bill	For commercial land acquisition, and rehabilitation	Yes
Urea Price Hike	Price raised by Rs 50pmt.	No
National Food Security Bill, 2011	Provides for food and nutritional security by providing specific entitlements to certain groups	Yes
Public Procurement Bill, 2012	Regulate public procurement to further transparency, accountability, and probity in the procurement process	Yes
Mines and Minerals Bill, 2011	Consolidates and amends the law relating to the scientific development and regulation of mines and minerals	Yes
Goods and Services Tax (GST)	Landmark Change - for efficiency, GDP and tax collections	Yes
Direct Taxes Code (DTC)	A simplified Tax platform	Yes
Govt. UTI sale in select Stocks	Govt. has started talks to sell shares in Axis Bank, ITC and L&T (total holding ~Rs 44k crore)	No

Source: India Government, Citi Research

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- **Valuations Reasonable, Earnings Stabilizing**



# Valuations: below average – but average level has moved

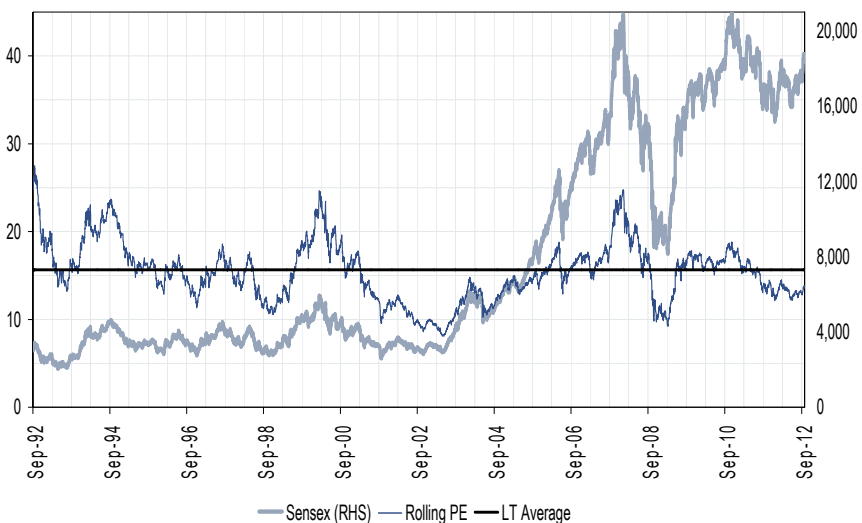
- India trading at 13.8 x 1-year forward earnings, below its long-term average of 15-16x
- Old averages are too high, given growth and ROE drop
- New average probably in the 14-15x range – contingent upon macro tailwinds

## Sensex Valuation Matrix

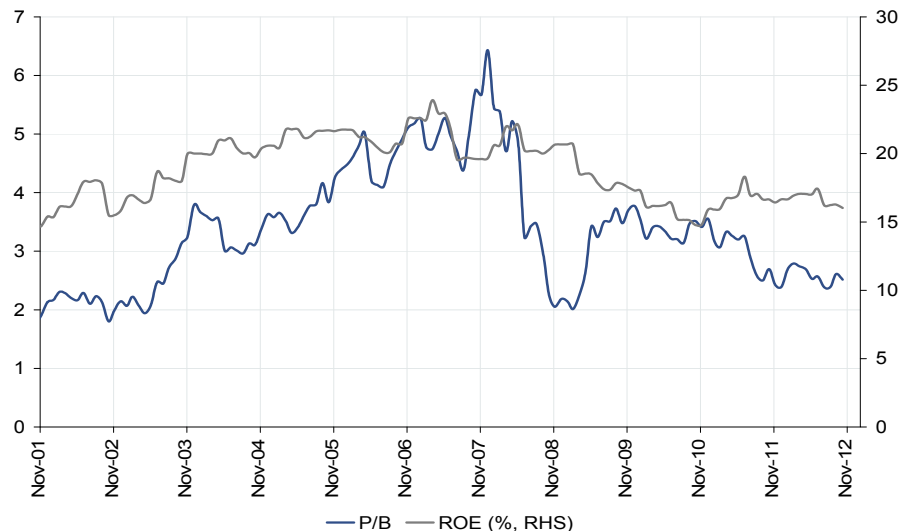
Year to 31 March	FY10	FY11	FY12	FY13	FY14
EPS growth (%)	-2.6%	20.9%	11.3%	9.6%	12.2%
P/E (x)	20.28	18.60	14.97	14.52	12.95
Div. yield (%)	1.56%	1.40%	1.80%	1.91%	2.07%
P/B (x)	3.23	3.1	2.66	2.43	2.23
ROE (%)	16.0%	16.8%	17.8%	16.7%	17.2%
EV/EBITDA* (x)	11.2	10.5	9.1	8.3	7.4
Net Debt/Equity* (%)	27.3%	33.4%	17.4%	14.9%	11.2%
P/E ex-oil	21.1	19.8	16.1	15.5	13.6
EPS	864	1,045	1,163	1,274	1,429
BVPS	5,419	6,221	6,543	7,609	8,294

\* ex financials

## Sensex and 12-month Forward Rolling PE



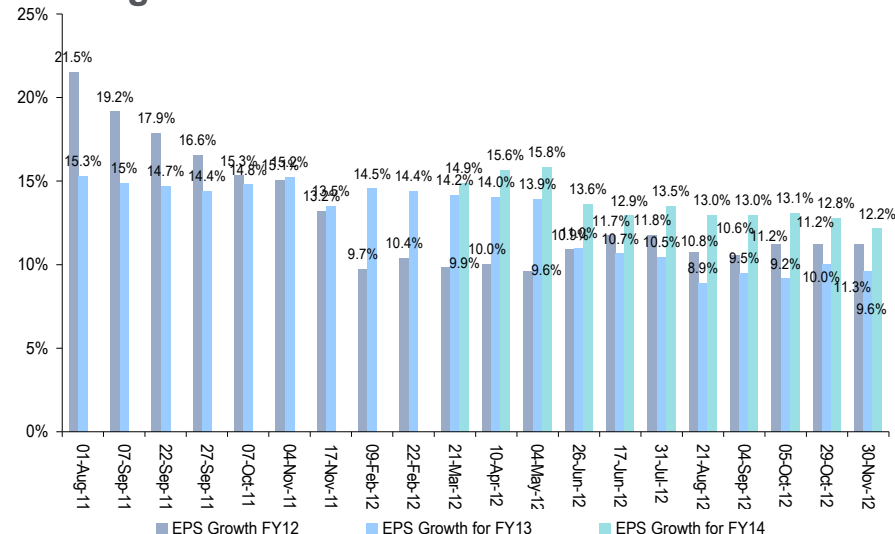
## P/B vs. RoE



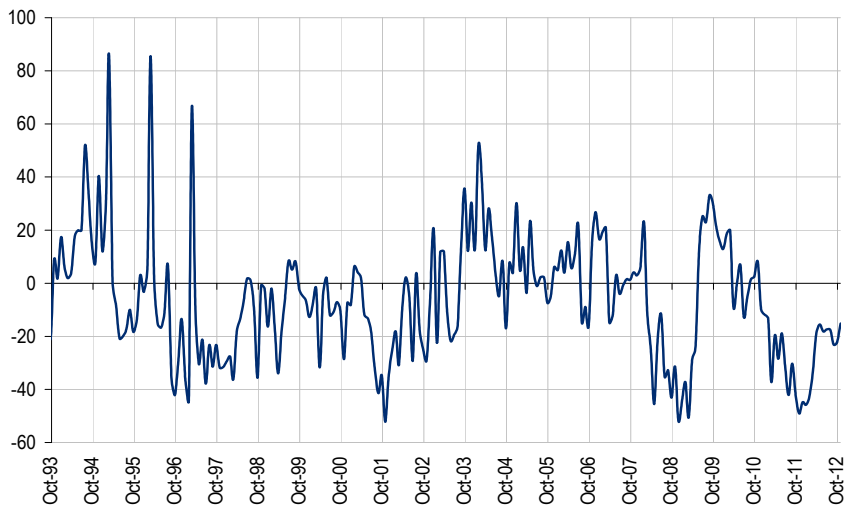
# Earnings: more U than V

- FY13E earnings still close to double digits (9.6%)
- Indian earnings downgrades likely bottomed in Oct-11, however still seeing more downgrades than upgrades
- Expect the revisions and upgrades more U-shaped than V-shaped
- Greater corporate focus on returns than growth should support earnings

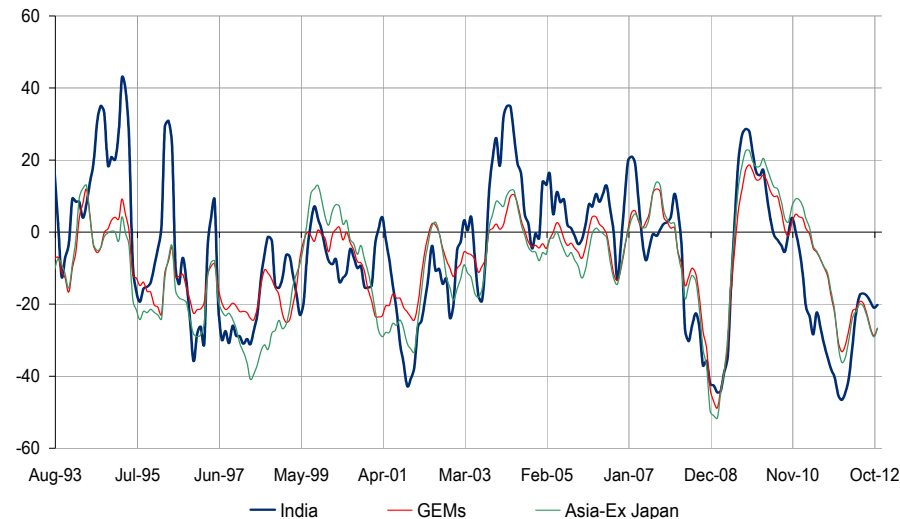
## Earnings Growth Estimates – little downside



## Earnings Revisions – tentative signs of stability



## India revisions were sharper than peers

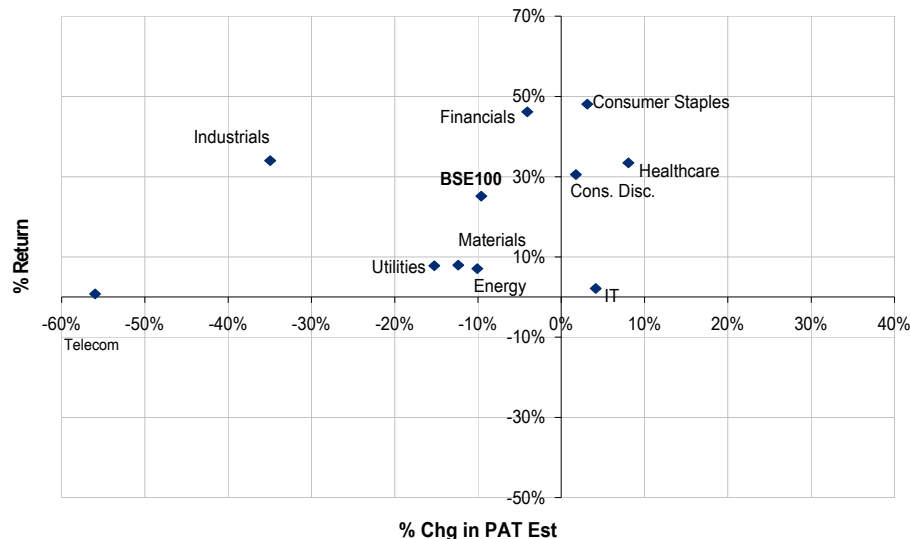


Source for all charts: Citi Research, IBES, Factset

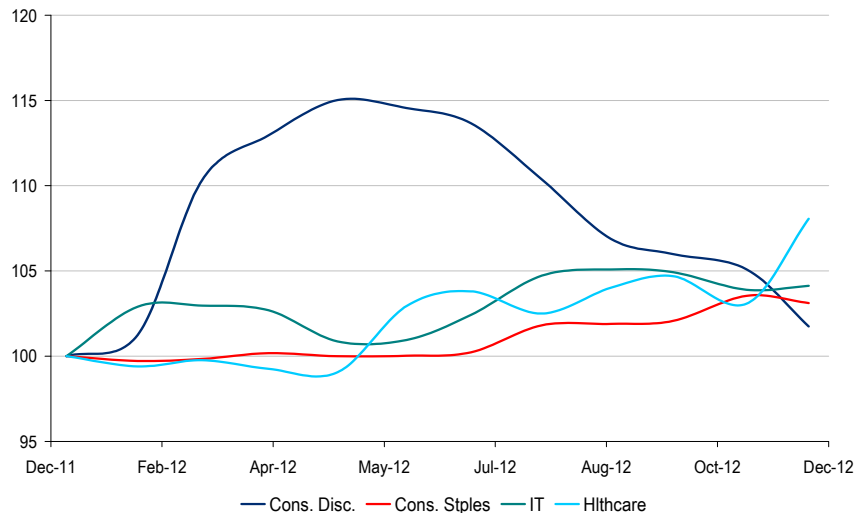
# Earnings: where are the revisions?

- Earnings estimates of only consumers (staples & discr.), IT and healthcare have held
- Correlation of estimate changes and sector returns has broken recently
- Mkt has moved post reforms/ QE announcements, analysts still staying pat
- We expect earnings to hold, but do not foresee material upgrades

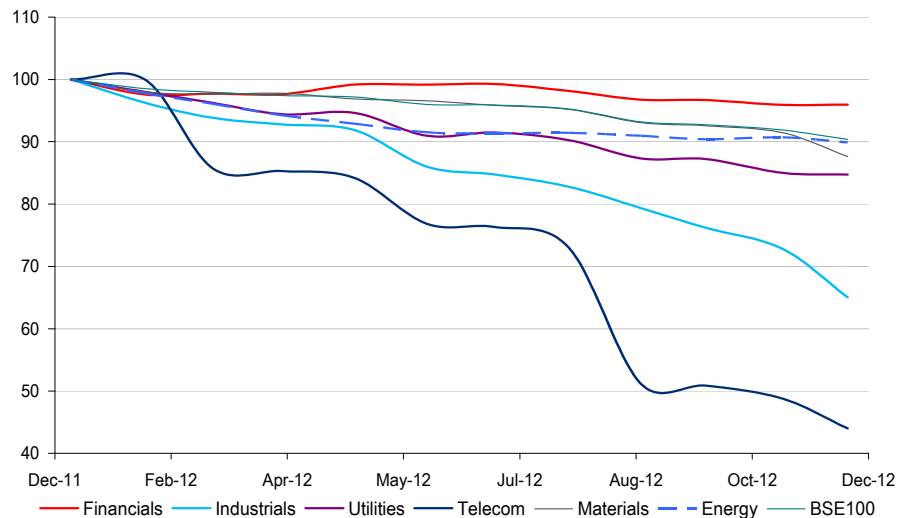
Chg in FY13 cons. earnings vs. ret. (2012 YTD)



Trends in cons. FY13 earnings est for BSE100 Cos



Trends in cons. FY13 earnings est for BSE100 Cos



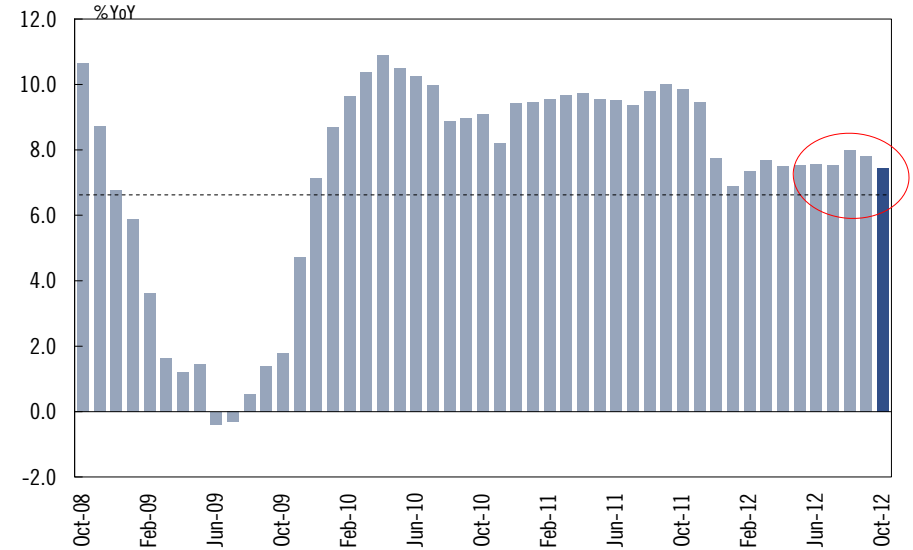
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- **Macro Picture**

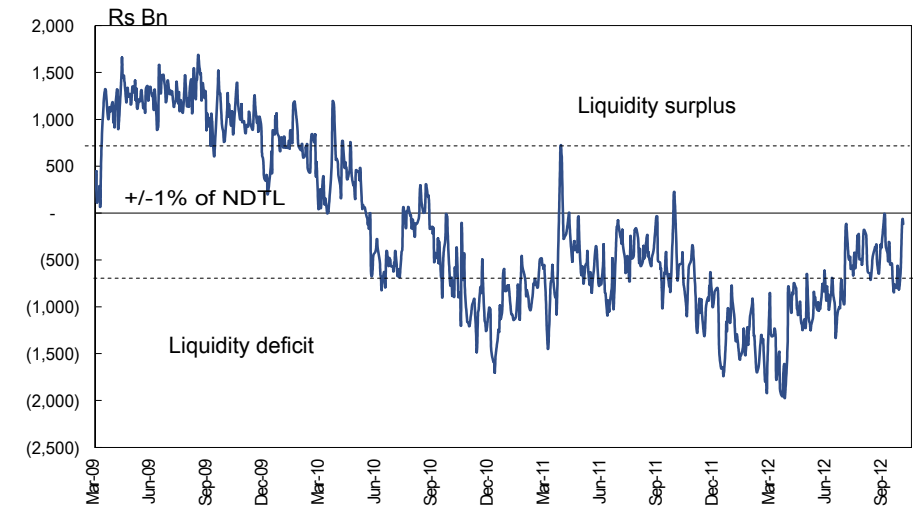
# Macro: benefits of a slowdown?

- A poor macro has been India's bane for the last two years – it still looks ugly
- But, could it be reversing – a benefit of the growth/demand slowdown
- Liquidity – It has eased substantially
- Interest Rates – Don't only look at policy rate expectations : rates are falling in the market
- Currency – has weakened again and is back to pre-reform levels. With CAD remaining wide, currency is increasingly becoming a structural weakness for India
- Inflation – Falling demand should start reflecting in core inflation

## Trends in inflation



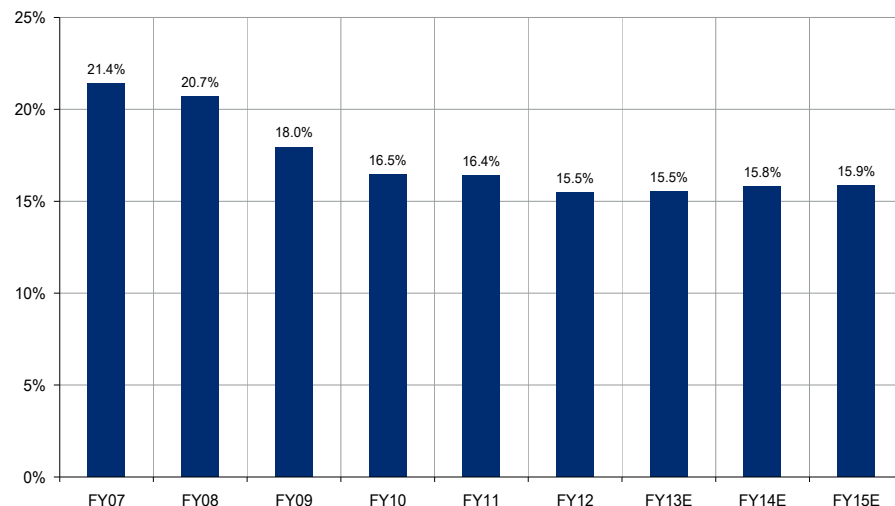
## Trends in Liquidity



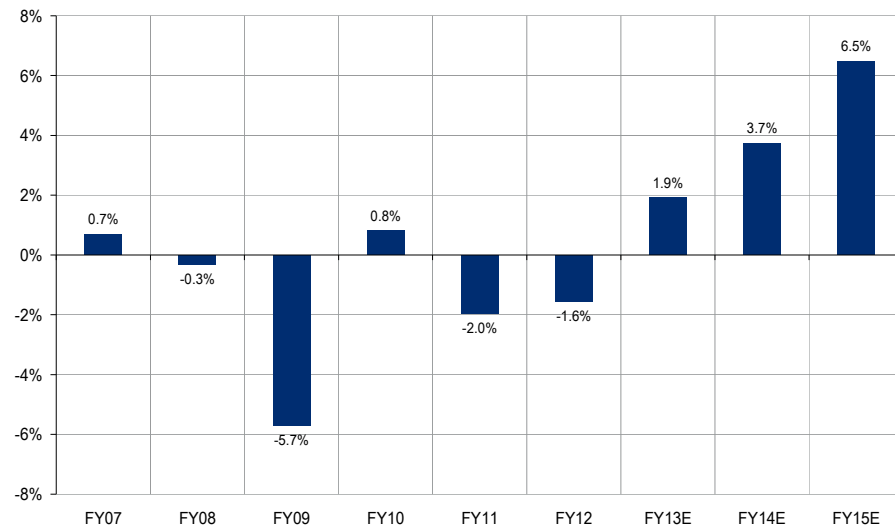
# Corporates: stressed, but improving

- Returns for businesses are on the way up, but only gradually ... structurally, we expect Indian ROEs to be lower than historic levels
- FCF yields should also be turning as corporate scale back investments
- Focus more on profitability than growth
- Peak balance-sheet and interest rate risks are now probably past, at aggregate

## Citi Research Universe ROE Trend



## Citi Research Universe FCF Yield Trend

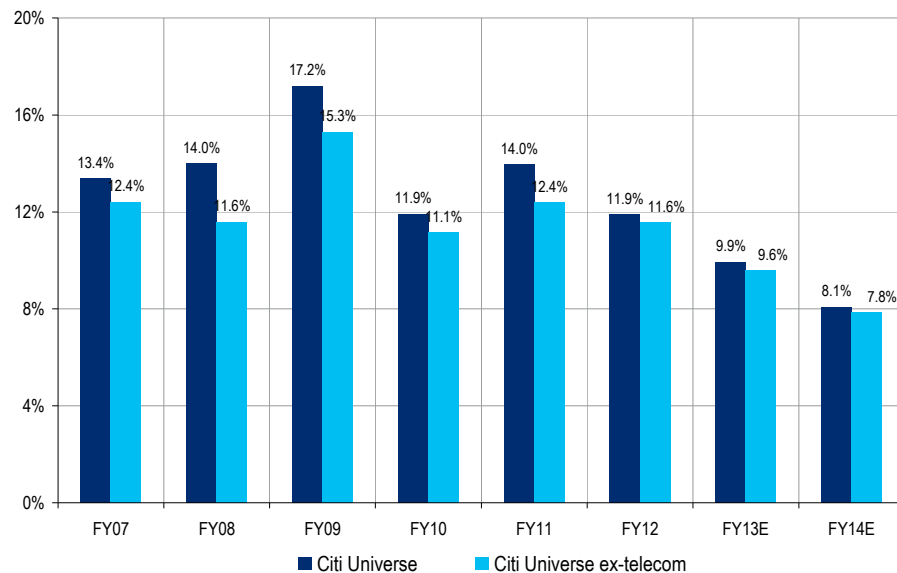


Source for both charts: Company data, Citi Research

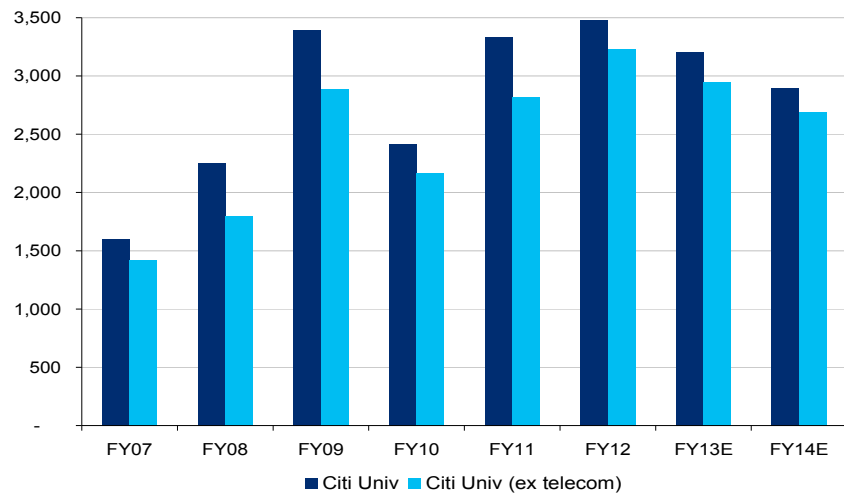
# Capex cliff?

- Capex is slowing – a reflection of political, economic and funding uncertainty
- There could be an absolute decline over the next two years
- Sectorally, only pharma and metals are likely to see rise in capex (as % of sales) over four-year average
- Trouble for capital goods ?

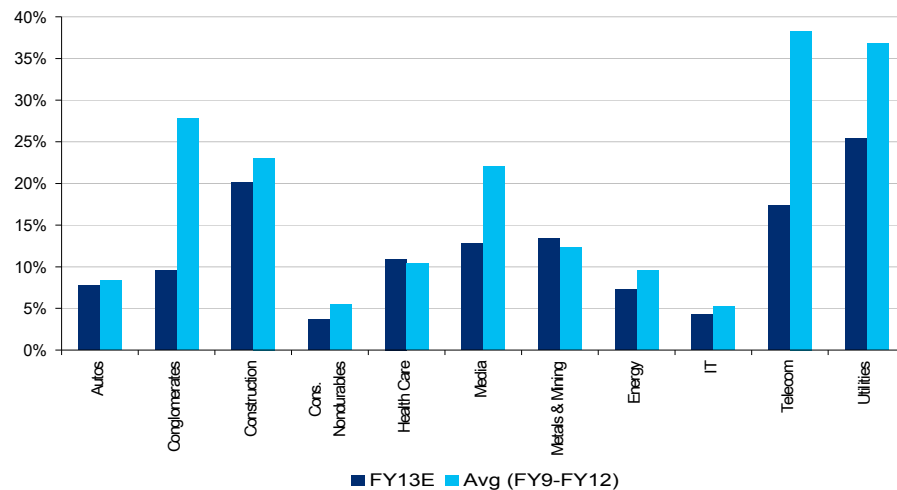
## Capex as % of sales



## Capex (Rs bn) for Citi Universe



## Capex (as % of sales): FY13E vs. last 4 yr avg



Source for all charts: Citi Research

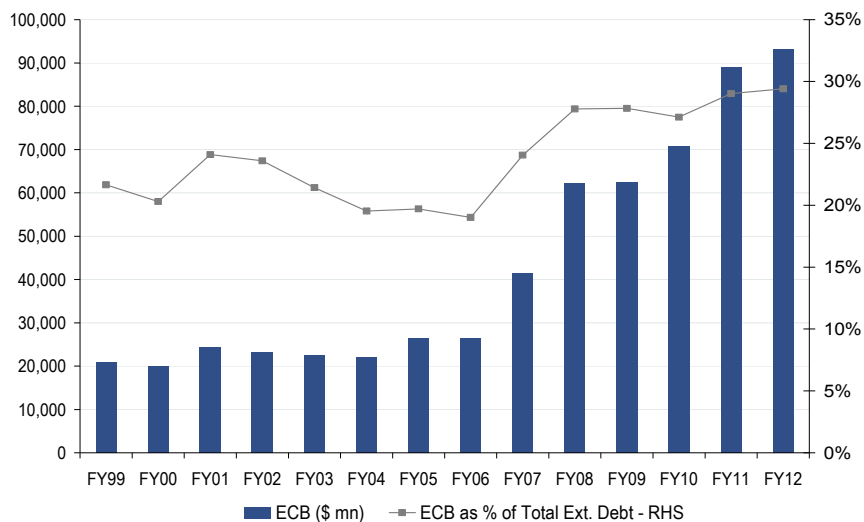
# The rupee: a fundamental vulnerability

- There is a structural Gap
- Govt. realizing strong INR = lower fiscal deficit/ inflation
- Oil prices and Gold prices / demand remain critical....Exports appear to be a structural weakness
- And remittances / software exports remain stable
- The CAD should improve slowly...Oil Critical
- Longer Term – Rs53.8/\$ (Mar'14)

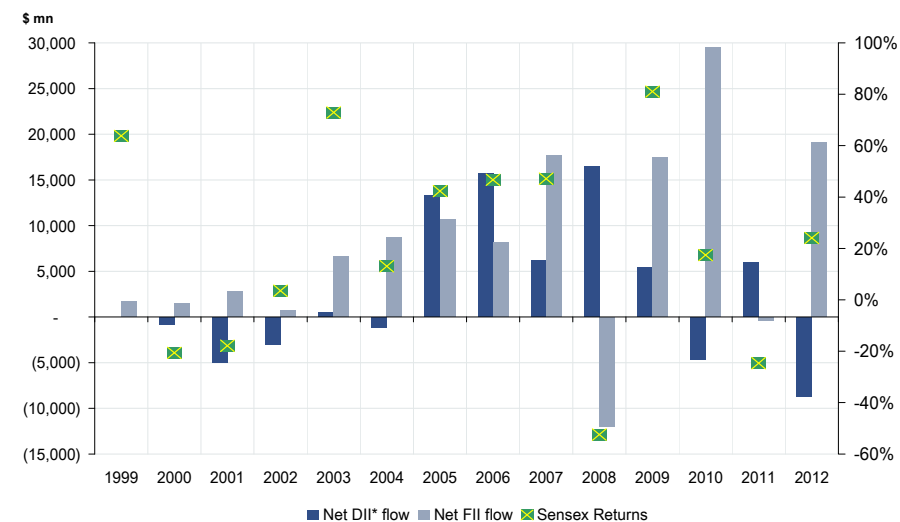
## Sensex and INR



## External Commercial Borrowing (US\$ Mn)



## FII Flows & Sensex



Source for all charts: Citi Research estimates, Bloomberg, Ministry of Finance



# Dipstick survey of Citi analysts views & expectations

<b>Question – On Companies / Sectors Tracked by Analyst (over next 6 months)</b>	<b>Response (percentage of companies)</b>		
<b>Policy/ political risk</b>	Yes	No	
	54%	46%	
<b>Earnings trends over the next 6 months</b>	Up	Down	No Change
	21%	29%	50%
<b>Outlook for competition in your sector?</b>	Increase	Decrease	No Change
	33%	5%	62%
<b>Is leverage a concern?</b>	Yes	No	
	25%	75%	
<b>Investment plans</b>	Increase	Decrease	No Change
	14%	14%	71%
<b>Will lower interest rates benefit?</b>	Yes	No	
	65%	35%	
<b>How will strong rupee impact the operating performance of the company?</b>	Benefit	Hurt	No impact
	27%	29%	44%

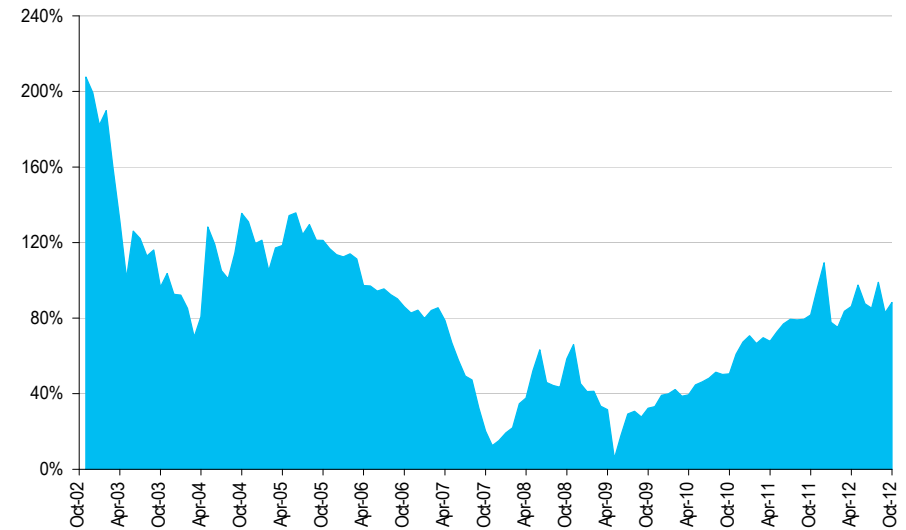
Source: Citi Research

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- **Portfolio Positioning: Be Aggressive**

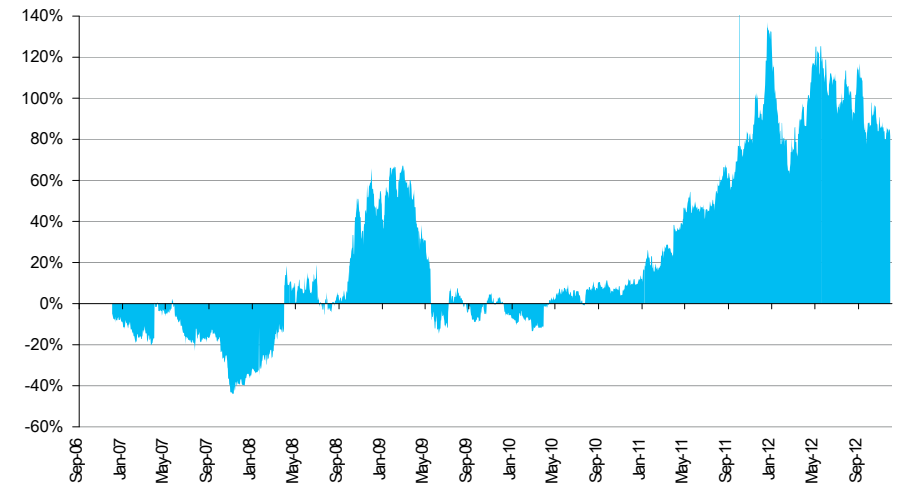
# Valuation premium: cyclicals relative to defensives

- Valuation premium (fwd PE) of defensives rel. to cyclicals is still near five-year peak
- The valuation premium was much higher in early 2000s, but then economic structure was very different
- Investment-to-GDP ratio has risen from mid-20s in early 2000s to mid-30s
- Lower investments would eventually hurt consumption
- Given the prevailing risk aversion, defensive vs. cyclical premium has widened globally
- The premium however is more extreme in India's case

## Valuation (PE) Prem. of defensives vs. cyclicals



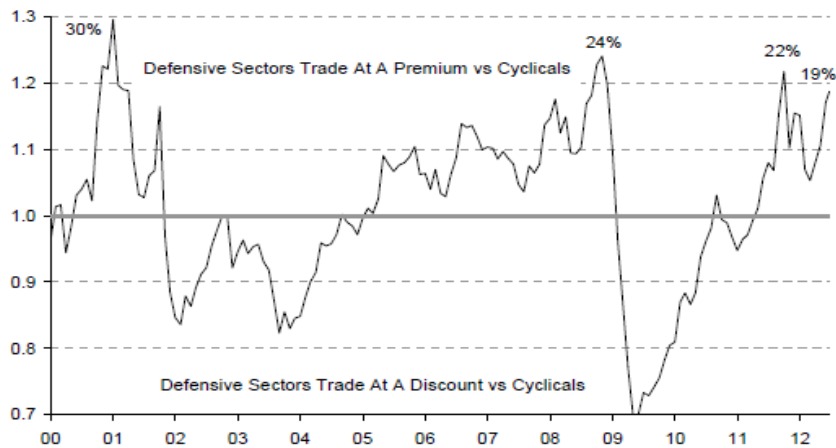
## Valuation (PE) Differential: Cons. staples vs. Cap Goods



Source for both charts: Factset, Bloomberg, Citi Research

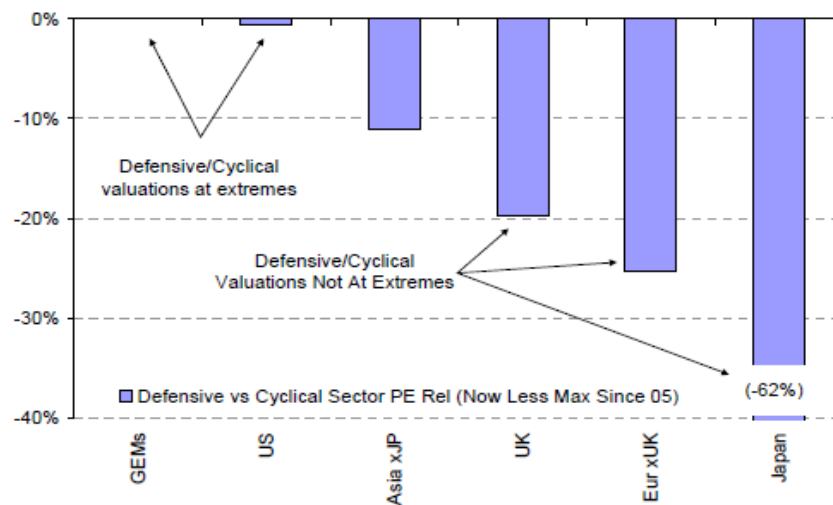
# Valuation premium: cyclicals relative to defensives globally

## Global cyclical vs. defensive valuations (fwd PE)



Defensives include Consumer Staples, Health Care, Telecoms and Utilities. Cyclicals include Energy, Materials, Industrials, Consumer Discretionary and IT. Source: MSCI, Factset, CIRA

## Defensive/ cyclical valuation rel. to extremes



## GEMs sector performance: Consumers vs. Cyclicals



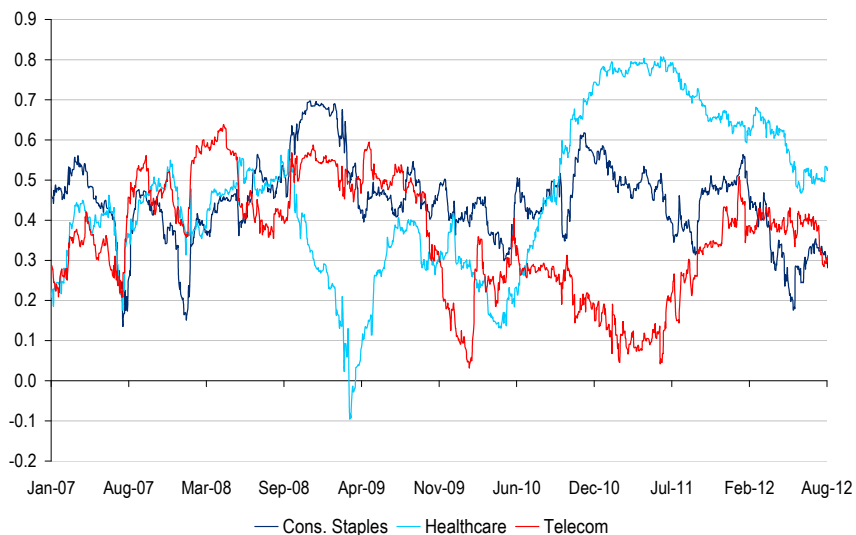
## Fwd PE: GEMs Cons. Stpls vs. Avg of Enrgy & Mat



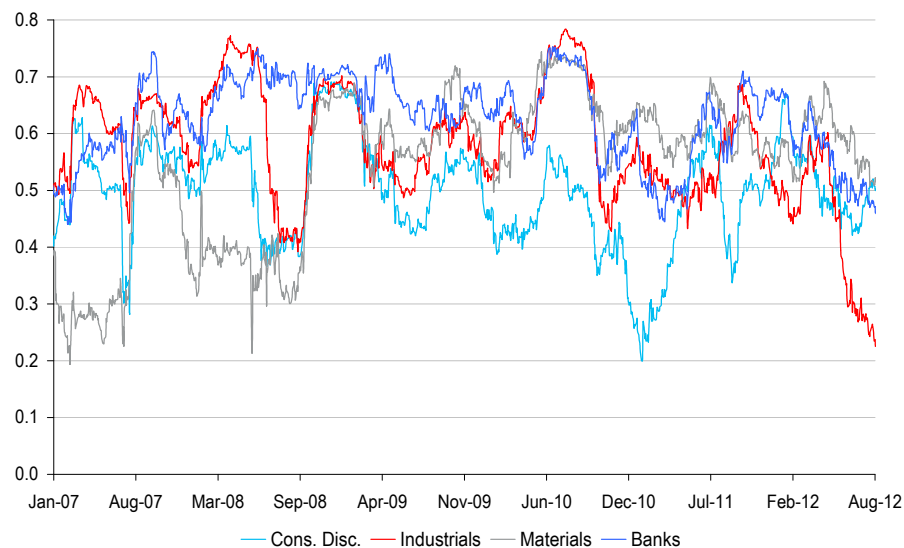
Source for all charts: MSCI, Factset, Citi Research

# Cyclicals and defensives: India vs. GEMs

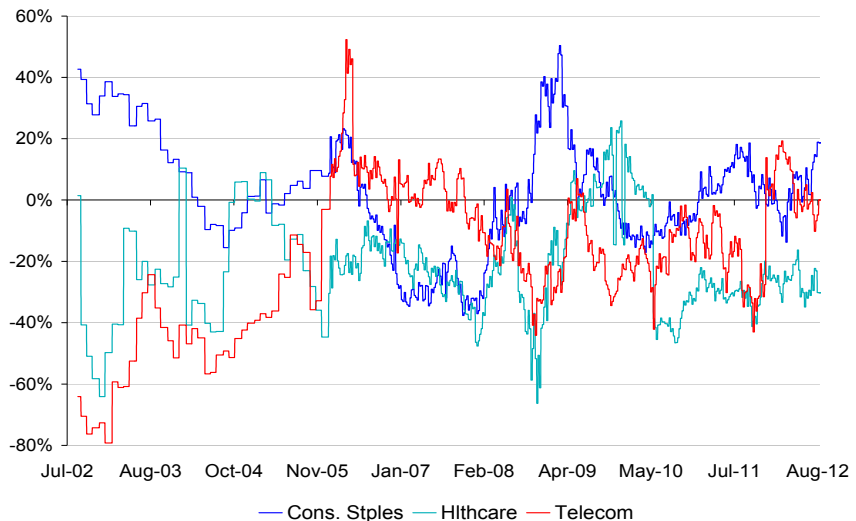
## Defensive sector correlations: India vs. GEMs



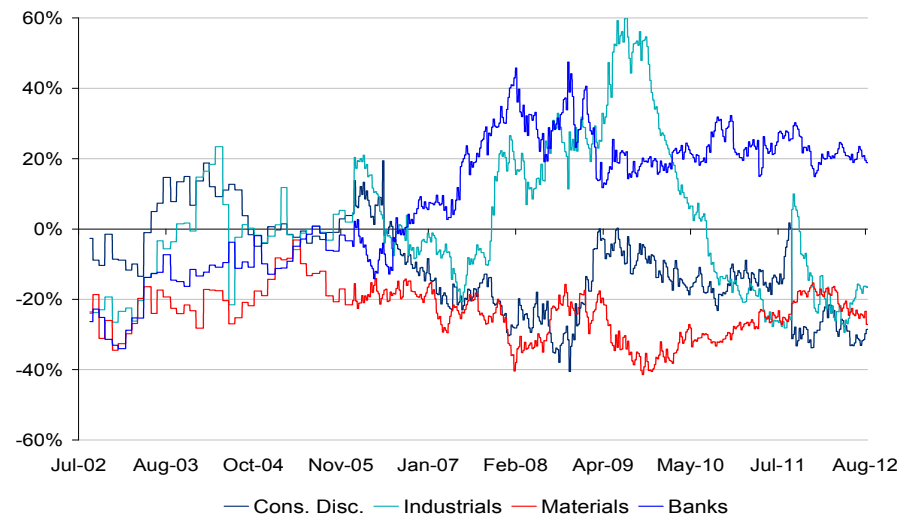
## Cyclical sector correlations: India vs. GEMs



## Defensive sector valuations: India vs. GEMs



## Cyclical sector valuations: India vs. GEMs

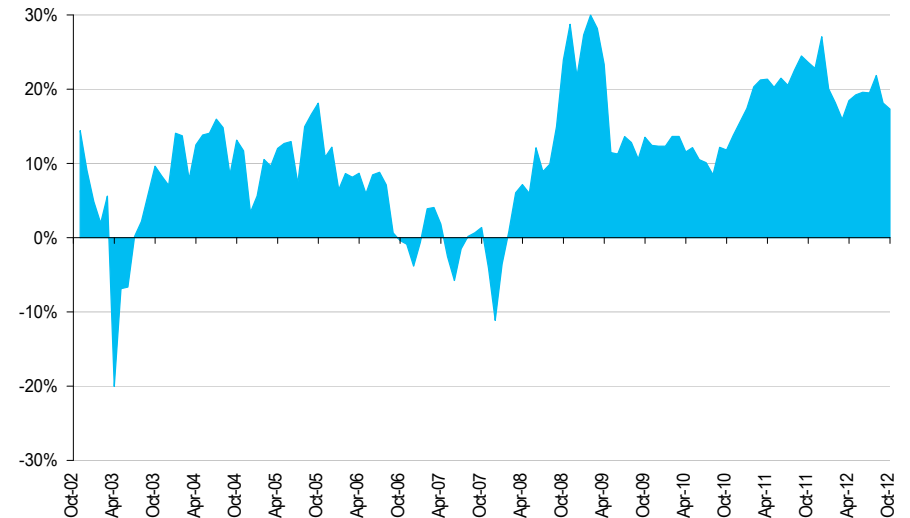


Source for all charts: MSCI, Datastream, Citi Research

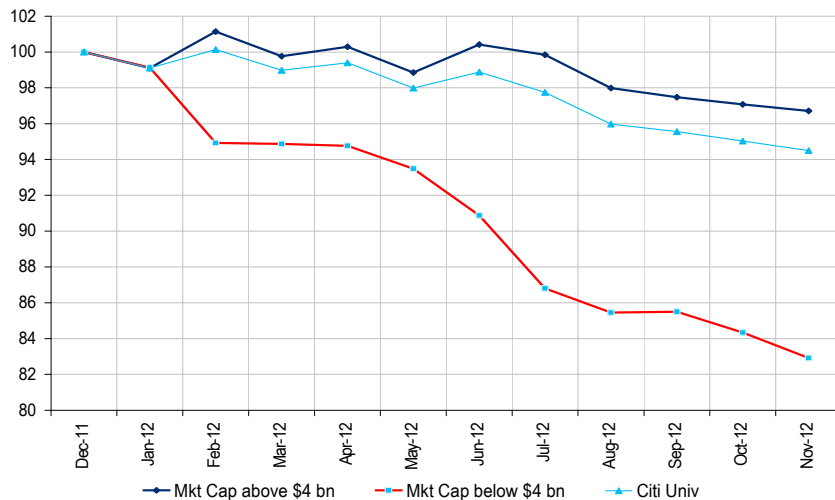
# Large-caps vs. small/mid-caps in a difficult market

- Large-caps (\$4bn+) are enduring the slowdown much better than small/mid-caps (below \$4bn)
- Citi expectations for small/mid-cap earnings are down 17% in YTD
- Valuation discount of small/mid-caps stayed below GFC levels
- 2012 rally expectedly resulted in narrowing of this discount
- Mid-caps need a little more economic/interest rate support for a strong rally

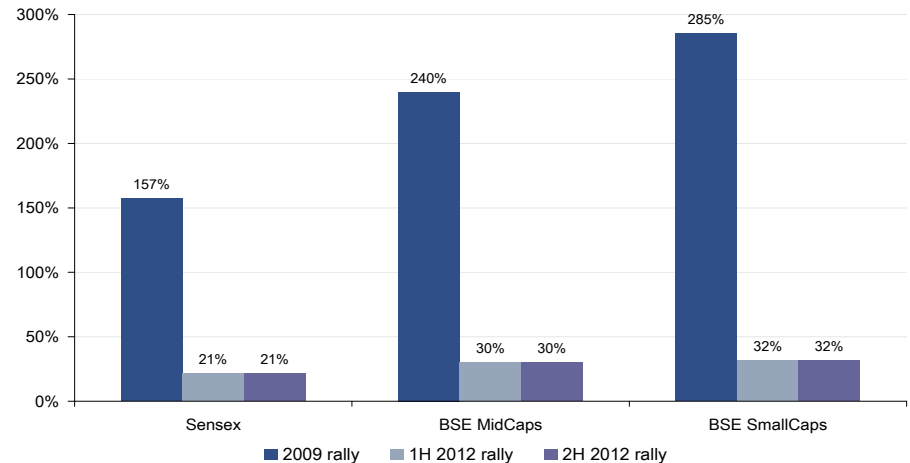
## Small/mid-cap discount (P/E) relative to large-caps



## FY13E PAT Revision Trends YTD



## Performance: Small vs. Mid vs. Large caps



Source: Citi Research, Factset

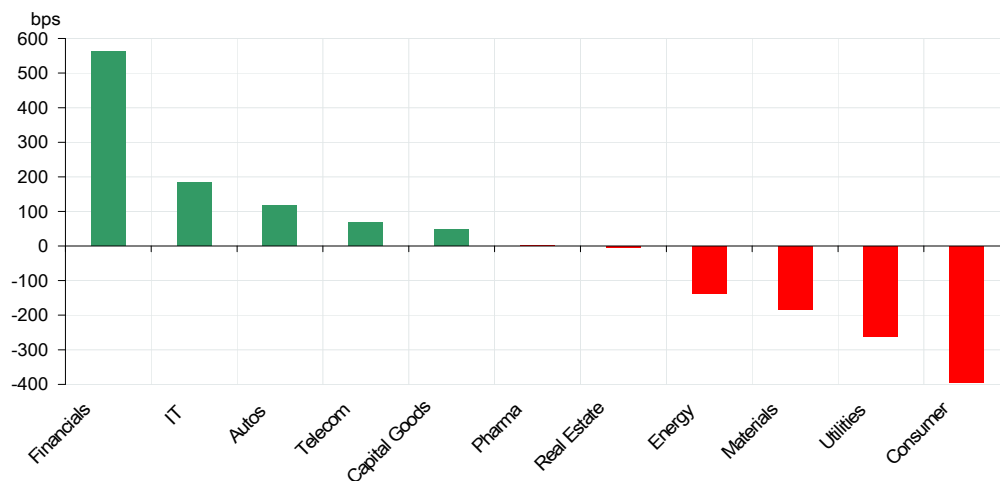
# Investment strategy

- Forecast the market at 20,800 in Dec'13
- Aggressive stance, biased towards cyclicals and rate sensitives
- Overweight – Financials, IT, Autos, Capital Goods and Telecom
- Underweight – Consumers, Energy, Utilities and Materials
- Neutral – Pharma, Real Estate

## Last 12-month Stock Market Performance



## CIRA India Model Portfolio OW/UW vs. MSCI India



# Citi India model portfolio

	Price	YTD	YTD					OW/	FY14			
	29-Nov-12	Perf.	Rel. Perf.	RIC	Rating	MSCI Weight (%)	Portfolio Weight	UW/Rel. MSCI (bps)	PE (x)	EPS Growth (%)	PB (x)	ROE (%)
(Rs)	(%)											
<b>Automobiles and Components</b>						<b>7.12</b>	<b>8.3</b>	<b>118</b>				
M&M	933.3	36.6%	10.7%	MAHM.BO	2		2.0	U/W	16	27.8%	3.2	22.7%
Maruti	1487.5	61.7%	35.8%	MRTI.BO	1		2.5	O/W	15	77.9%	2.3	16.3%
Tata Motors	278.3	56.0%	30.1%	TAMO.BO	1		3.8	O/W	7	2.1%	1.6	25.9%
<b>Banks &amp; Diversified Financials</b>						<b>28.84</b>	<b>34.5</b>	<b>561</b>				
AXIS Bank	1305.6	61.8%	35.9%	AXBK.BO	1		4.5	O/W	10	36.7%	1.7	19.3%
IDFC	167.0	82.0%	56.1%	IDFC.BO	1		1.2	M/W	11	41.8%	1.6	15.1%
HDFC	821.0	26.4%	0.5%	HDFC.BO	1		8.2	O/W	22		4.4	21.4%
HDFC Bank	698.8	63.6%	37.7%	HDBK.BO	2		5.5	U/W	20	62.2%	3.9	21.7%
ICICI Bank	1081.8	58.0%	32.1%	ICBK.BO	1		6.3	O/W	12	57.1%	1.7	14.5%
State Bank of India	2132.1	31.6%	5.8%	SBI.BO	1		4.5	O/W	10	15.8%	1.4	14.0%
Yes Bank	443.1	85.7%	59.8%	YESB.BO	1		1.2	O/W	10	63.4%	2.2	24.9%
Kotak Mahindra	648.7	50.1%	24.2%	KTKM.BO	2		1.2	M/W	18	41.7%	2.7	16.1%
Bank of Baroda	740.3	12.0%	-13.9%	BOB.BO	1		1.2	O/W	5	15.5%	0.8	17.2%
MCX	1541.8			MCEI.BO	1		0.7	O/W	23	18.5%	5.9	27.5%
<b>Industrials &amp; Capital Goods</b>						<b>5.62</b>	<b>6.1</b>	<b>48</b>				
Larsen & Toubro	1662.0	67.0%	41.1%	LART.BO	1		4.0	O/W	18	30.7%	3.1	18.5%
Adani Port & SEZ	125.4	4.0%	-21.9%	APSE.BO	1		1.0	O/W	14	52.7%	3.2	24.9%
Jaiprakash Associates	94.7	80.7%	54.8%	JAJA.BO	1		1.1	O/W	25	-21.0%	1.5	6.2%
<b>Energy</b>						<b>10.03</b>	<b>8.7</b>	<b>-136</b>				
Reliance Industries	796.5	15.0%	-10.9%	RELI.BO	2		7.6	M/W	11	9.4%	1.2	11.0%
Cairn	328.9	4.9%	-21.0%	CAIL.BO	1		0.6	M/W	7	20.9%	1.0	15.8%
BPCL	336.5	40.5%	14.6%	BPCL.BO	1		0.5	M/W	17	6.3%	1.5	8.6%
<b>Consumer</b>						<b>12.64</b>	<b>8.7</b>	<b>-394</b>				
ITC	297.9	48.0%	22.1%	ITC.BO	1		4.8	M/W	27	40.9%	9.8	38.9%
HLL	547.8	34.3%	8.4%	HLL.BO	3		2.9	U/W	33	38.2%	31.6	107.3%
Sun TV	406.7	48.3%	22.4%	SUTV.BO	1H		1.0	O/W	18	25.5%	5.2	30.1%
<b>Materials</b>						<b>8.45</b>	<b>6.6</b>	<b>-185</b>				
Coal India	368.9	22.6%	-3.3%	COAL.BO	1		0.5	U/W	13	24.1%	3.7	32.1%
Hindalco	113.4	-2.1%	-28.0%	HALC.BO	3		0.8	M/W	7	-39.2%	0.6	8.9%
Jindal Steel & Power	381.5	-15.8%	-41.7%	JNSP.BO	1		1.5	O/W	8	9.5%	1.4	18.1%
Grasim	3303.7	31.7%	5.8%	GRAS.BO	1		1.5	O/W	9	35.3%	1.3	16.5%
Tata Steel	377.0	12.4%	-13.5%	TISC.BO	1		0.8	M/W	9	108.6%	0.8	9.1%
Sesa Sterlite	178.6	9.8%	-16.1%	SESA.BO	2		1.5	M/W	5	6.1%	0.7	14.1%
<b>Pharmaceuticals, Biotechnology, Agrochem</b>						<b>5.49</b>	<b>5.5</b>	<b>1</b>				
Ranbaxy	512.2	26.4%	0.5%	RANB.BO	1H		1.0	O/W	15	76.2%	3.4	33.4%
Dr Reddy	1808.8	14.6%	-11.3%	REDY.BO	1		1.5	O/W	16	49.3%	3.4	23.3%
Lupin	578.7	29.4%	3.5%	LUPN.BO	1		1.0	O/W	18	63.6%	4.2	26.2%
United Phosphorus	114.3	-9.9%	-35.8%	UNPO.BO	1		2.0	O/W	5	63.6%	0.9	19.7%
<b>Software &amp; Services</b>						<b>14.65</b>	<b>16.5</b>	<b>185</b>				
Infosys Technologies	2444.9	-11.6%	-37.5%	INFY.BO	1		11.4	O/W	14	21.2%	3.1	24.2%
Tata Consultancy Services	1298.1	11.8%	-14.1%	TCS.BO	2		1.9	U/W	17	41.9%	4.9	32.6%
HCL Technologies	641.1	65.1%	39.2%	HCLT.BO	1		1.5	O/W	13	51.3%	2.8	23.7%
<b>Telecom Services</b>						<b>2.13</b>	<b>2.8</b>	<b>67</b>				
Bharti Airtel	330.2	-3.7%	-29.6%	BRTI.BO	1		1.8	O/W	23	26.2%	2.2	9.8%
Idea Cellular	99.5	21.3%	-4.6%	IDEA.BO	1		1.0	O/W	23	153.5%	2.1	10.0%
<b>Utilities</b>						<b>4.12</b>	<b>1.5</b>	<b>-262</b>				
Tata Power	105.9	21.3%	-4.6%	TTPW.BO	3		0.5	U/W	20	19.2%	1.9	10.0%
Power Grid Corp	118.0	18.1%	-7.8%	PGRD.BO	1		1.0	M/W	12	38.0%	1.9	16.3%
<b>Real Estate</b>						<b>0.91</b>	<b>0.9</b>	<b>-6</b>				
Phoenix	209.1	26.5%	0.6%	PHOE.BO	1		0.3	O/W	18	59.3%	1.6	9.2%
<b>Total</b>						<b>100.0</b>	<b>100.0</b>					



# Top picks for 2013

	Ticker	Rating	Price (Nov 27)	Target Price	Yield (%)	ETR (%)	FY14E		
							P/E	P/BV	ROE (%)
<b>Top Large Cap Buys</b>									
<b>AXIS Bank</b>	AXBK.BO	1	1,290	1,433	1.6	12.6	9.50	1.65	19.3
<b>ICICI</b>	ICBK.BO	1	1,034	1,200	1.8	17.7	11.74	1.61	14.5
<b>Infosys</b>	INFY.BO	1	2,469	2,710	2.5	11.9	13.99	3.14	24.2
<b>Maruti Suzuki</b>	MRTI.BO	1	1,493	1,681	0.6	13.1	14.83	2.27	16.3
<b>Bharti</b>	BRTI.BO	1	327	353	1.9	8.7	23.07	2.22	9.8
<b>Top Mid Cap Buys</b>									
<b>Apollo Hospitals</b>	APLH.BO	1	875	860	0.9	-0.8	27.35	3.84	14.8
<b>IDEA</b>	IDEA.BO	1	100	112	0.0	11.9	22.66	2.16	10.0
<b>Sun TV Network</b>	SUTV.BO	1H	389	400	3.1	5.5	17.59	5.02	30.1
<b>LIC Housing Fin</b>	LICH.BO	1	249	290	2.0	17.9	8.96	1.53	18.3
<b>Exide Ind</b>	EXID.BO	1	145	183	1.7	27.8	15.04	3.02	21.6
<b>High Risk/ High Return Buys</b>									
<b>JAL</b>	JAIA.BO	1	93	97	0.5	5.1	24.48	1.47	6.2
<b>Jet Airways</b>	JET.BO	1H	542	545	0.0	0.5	-6887.33	69.62	-1.0
<b>Jindal Steel</b>	JNSP.BO	1	379	574	0.5	51.7	8.17	1.36	18.1
<b>United Phosphorus</b>	UNPO.BO	1	112	205	1.8	85.2	4.81	0.87	19.7
<b>IRB Infra Dev</b>	IRBI.BO	1	126	238	2.4	91.2	8.24	1.15	14.7

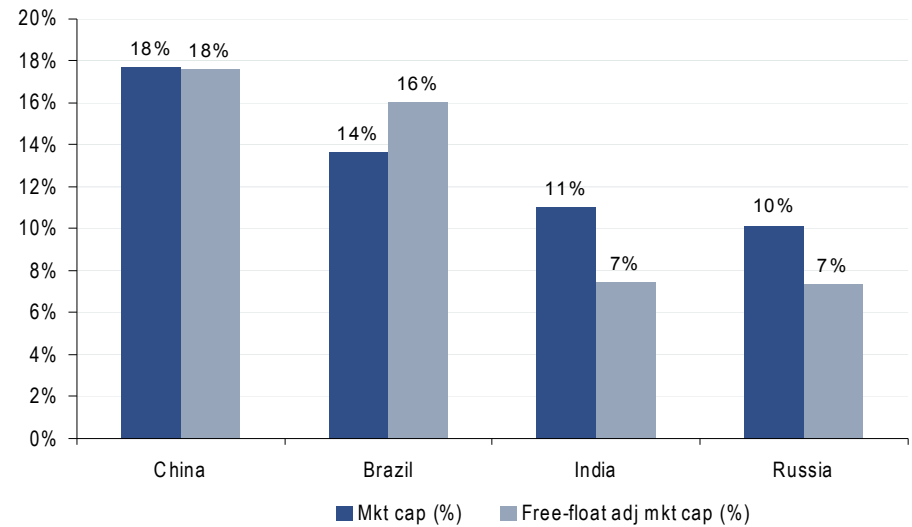
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- **Thematics**

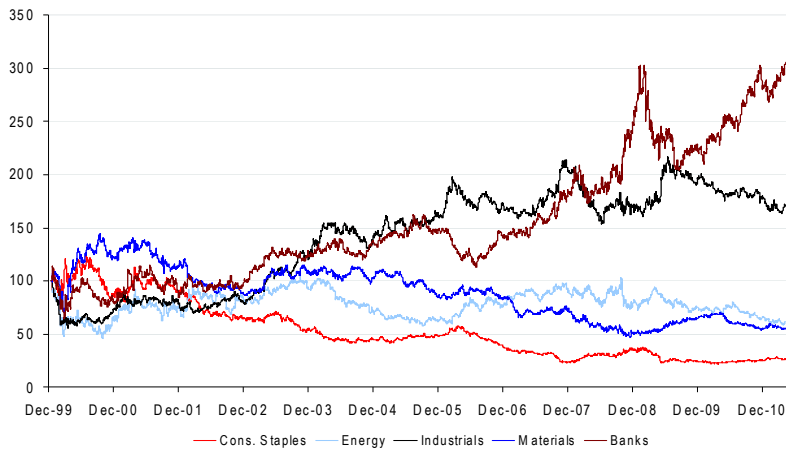
# India and the index

- Free-float /Mkt cap-based index based ratio low for India...should normalize with capital raising and divestments
- Consumers have meaningfully underperformed EM/DM over the decade – Time to reverse?
- Materials / Energy have also structurally underperformed EM/DMs – execution/pricing/control issues ? These could well be structural laggards

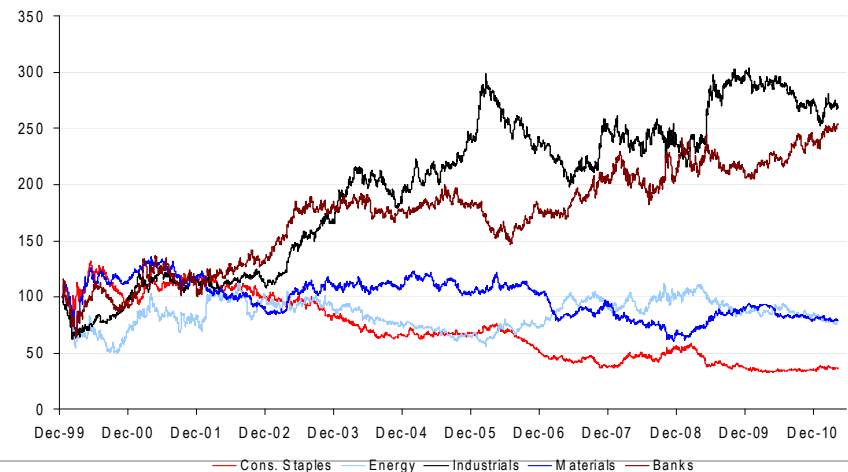
## Weights of BRICs in MSCI EM: float adjstd vs. total mkt cap



## India sector performance rel. to DM sectors (adj. for mkt ret)



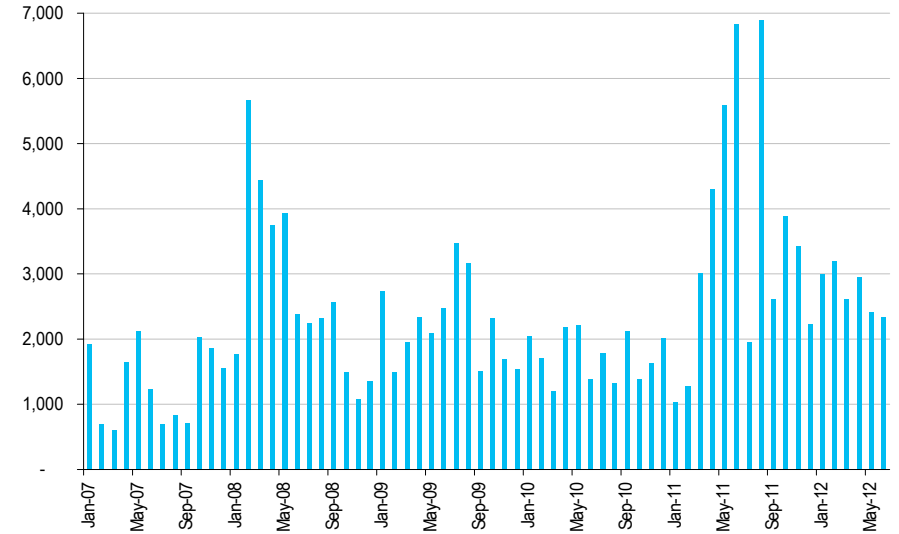
## India sector performance rel. to EM sectors (adj. for mkt ret)



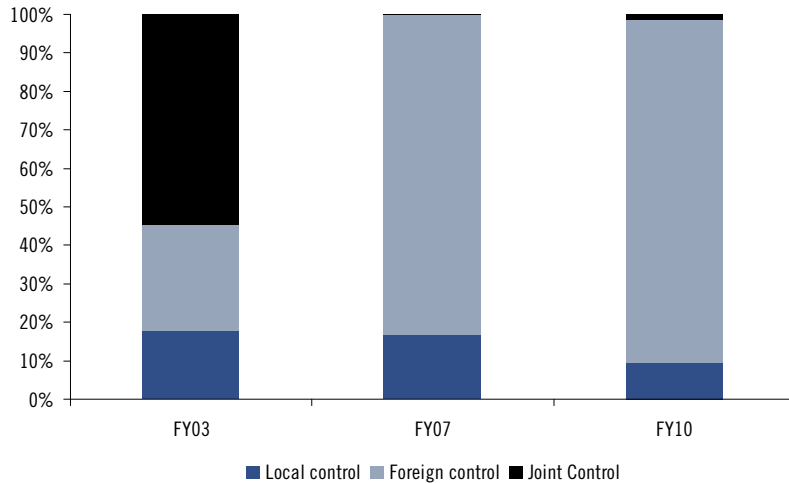
# The less-known story: rising FDI, falling control?

- India now the 9<sup>th</sup> most attractive FDI destination, with inward FDI in the \$30bn+ range
- Market value of FDI investments is ~\$400bn, 2x FII investments
- Less for the equity investor/market? – a) less market representation, b) higher competition, and c) though expands the economy
- Controlled FDI probably better for both domestic co's and Indian equity investors

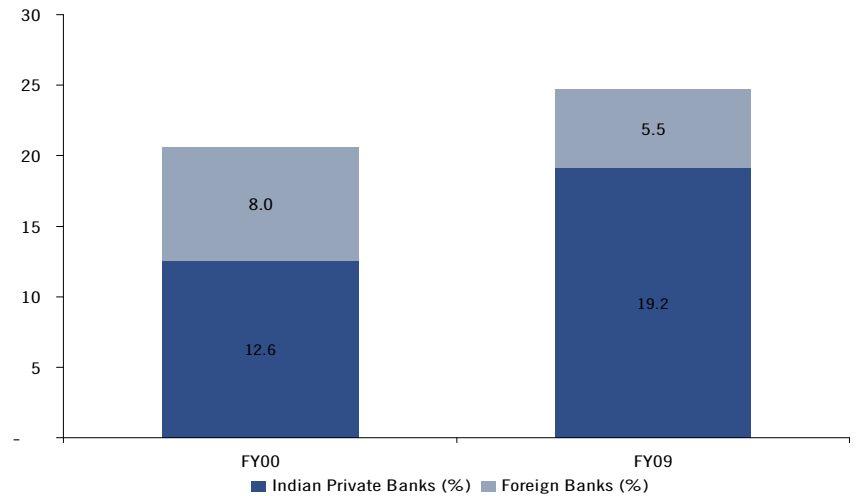
FDI Inflow into India (USD mn)



Autos: Market Shares in Passenger Car Sales



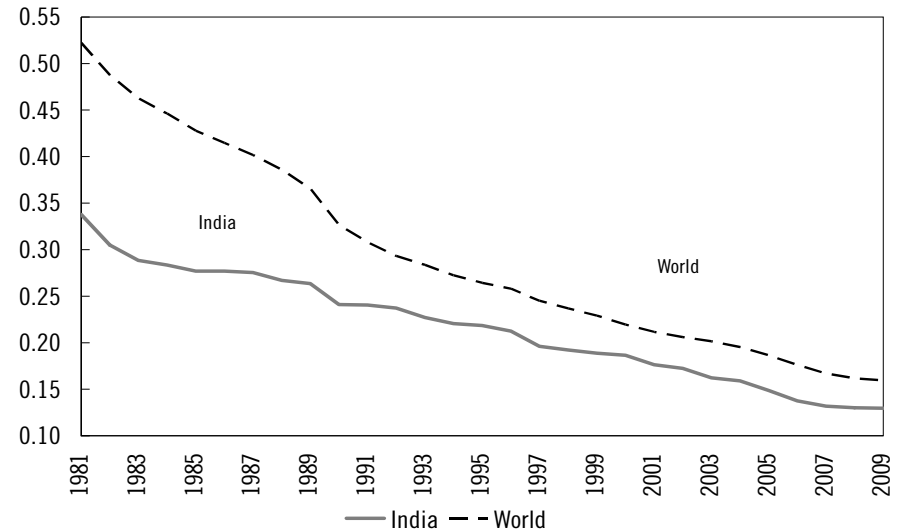
Banks: Market Shares in loans



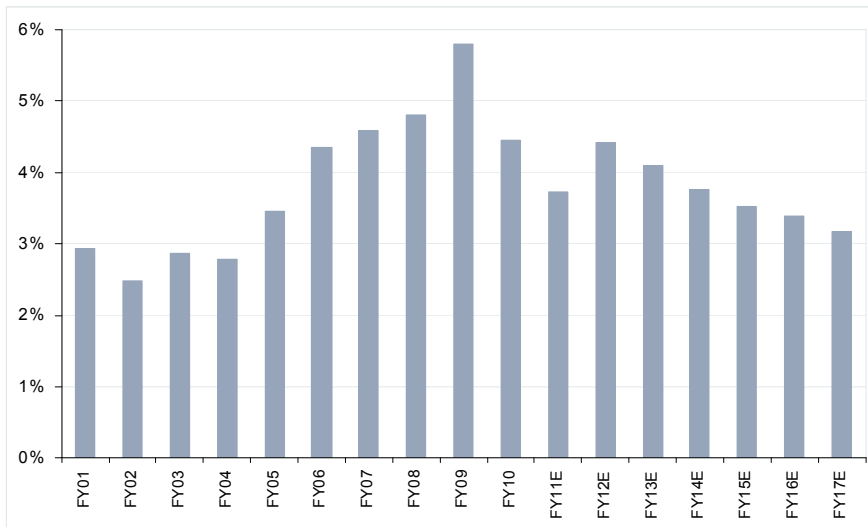
# Oil/commodity dependence

- Oil is a risk – undermines inflation, fiscal and FX, given big net importer and demand growth
- Rising oil has historically hurt India's market meaningfully.
- But energy demand growth is lagging GDP growth – incrementally impact will diminish even if oil prices structurally rise 5% from here yearly
- Is a pain trade now – but with subsidies and risks in, could this be one of the bigger expectation cushions ahead ?

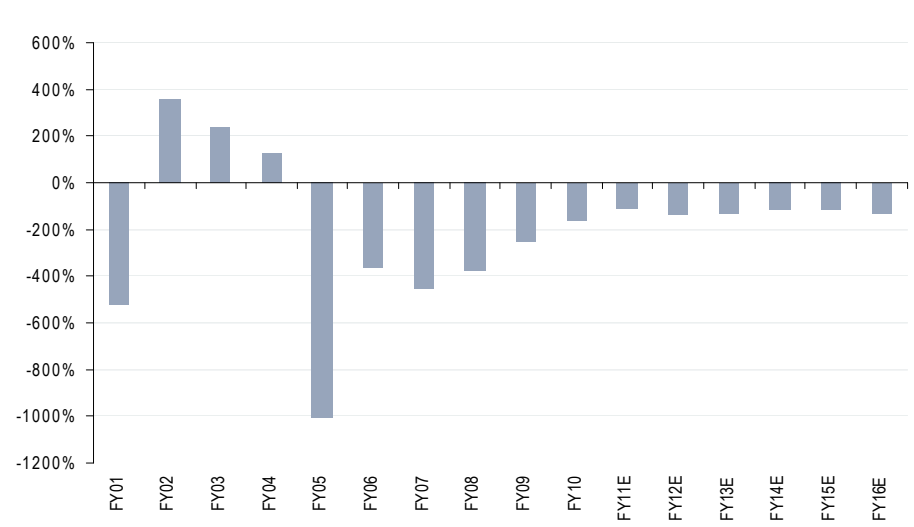
## Energy intensity (toe per '000\$ GDP)



## Oil import bill as % of nominal GDP



## Oil import bill as % of Current Account Deficit

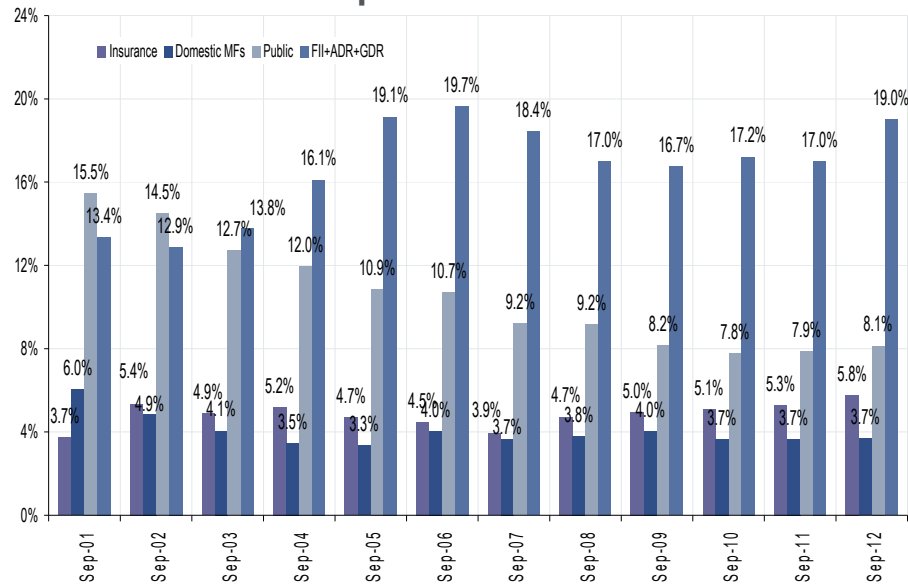


Sources for all charts: EIA, CSO, RBI, Citi Research

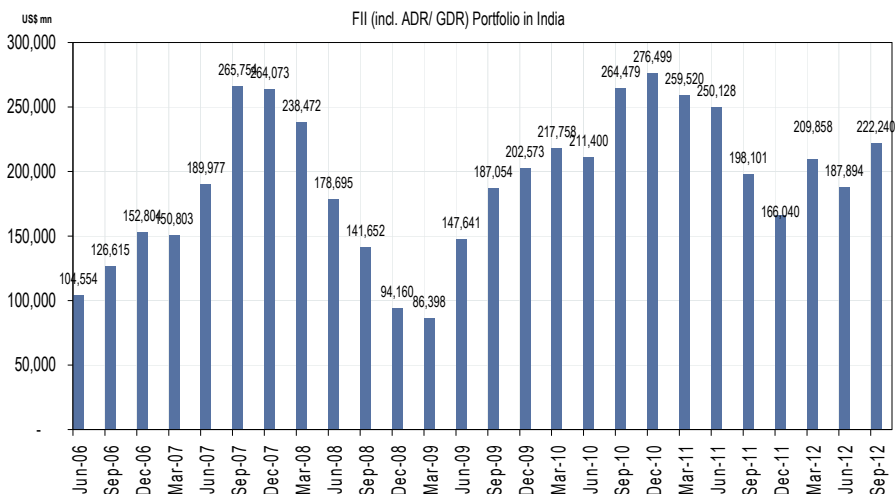
# Dependence on foreign flows

- India remains meaningfully dependent on global capital flows – 19% is held by FII portfolio investors, which about 2X of domestic institutional investors
- Current FII holding estimated at about \$222bn
- Given large base, a +/-10% flow can impact the market meaningfully ... but a +10% increase in commitment can be of significant support, without being a meaningful reallocation
- Over recent years, the upside impact of flows on the market has been moderating, particularly as capital issues invariably follow strong markets

## Trends in ownership of BSE500



## Market Value of FII Portfolio

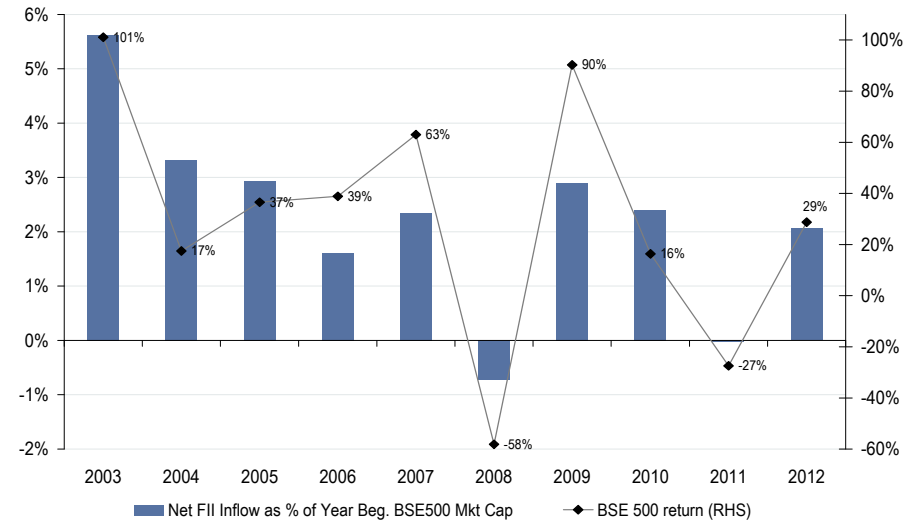


Source for both charts: CMIE

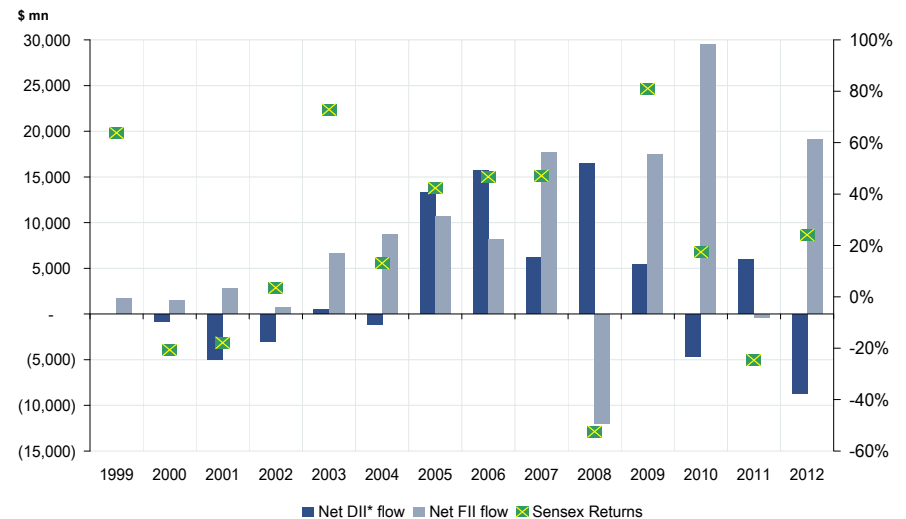
# Capital flows: make a comeback in 2012

- Foreigners were conspicuous by their absence in 2011 (net FII flows: -\$358mn), while DII pumped in \$6bn
- 2012 YTD has seen a strong reversal in flows:
- FIIs: \$19bn, DIIs: -\$9bn
- The influence of global capital flows is apparent: 2010 was driven up by \$29bn+ inflows, and we are seeing a repeat in 2012
- India's dependence on global flows is uncomfortably high – and currently expectations are a little loaded against it
- Domestic flows tend provide counter-balance, but not enough of a driver

## FII inflows and the market



## Equity flows and Sensex returns

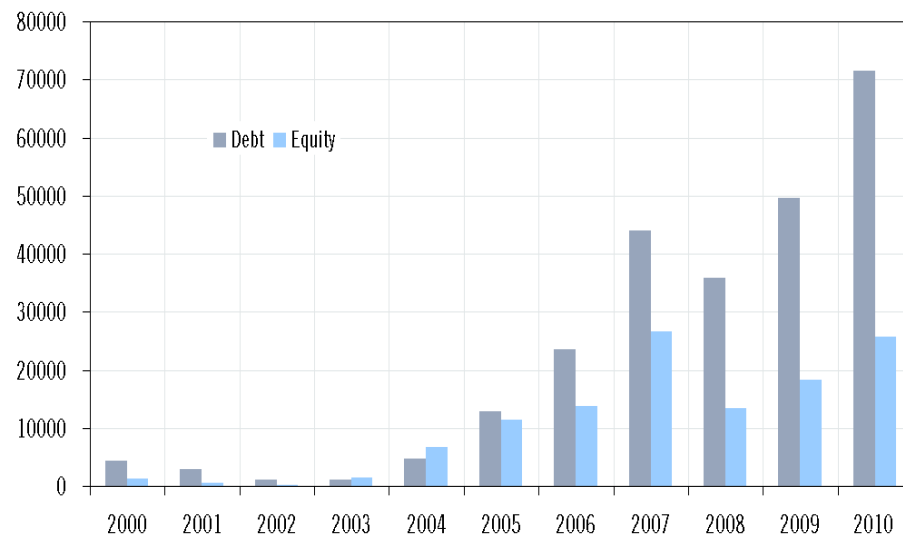


Source for all charts: Citi Research, Bloomberg, SEBI

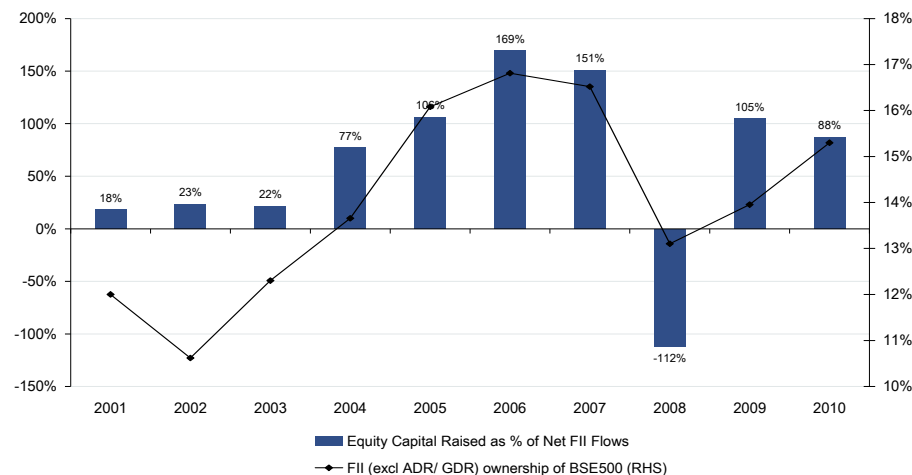
# Capital issuance – in a weak market ?

- Capital raising has been good for the Indian economy, and has grown the market
- 2010 saw record debt issuance (\$72bn), equity issuance (\$26bn) just shy of 2007 record high
- Enough capital raised in the system for most – not all – companies to maintain relatively strong investment and growth trajectories
- India will likely stay capital-hungry; this should remain a feature of the market
- Chicken-and-egg story – strong markets will be moderated by raisings, but weak ones unlikely to push down
- Government divestments in a weak market could be a risk

## Debt and Equity Capital Raised



## Equity Capital Raised vs. FII Flows



Source for both charts: Bloomberg, Citi Research



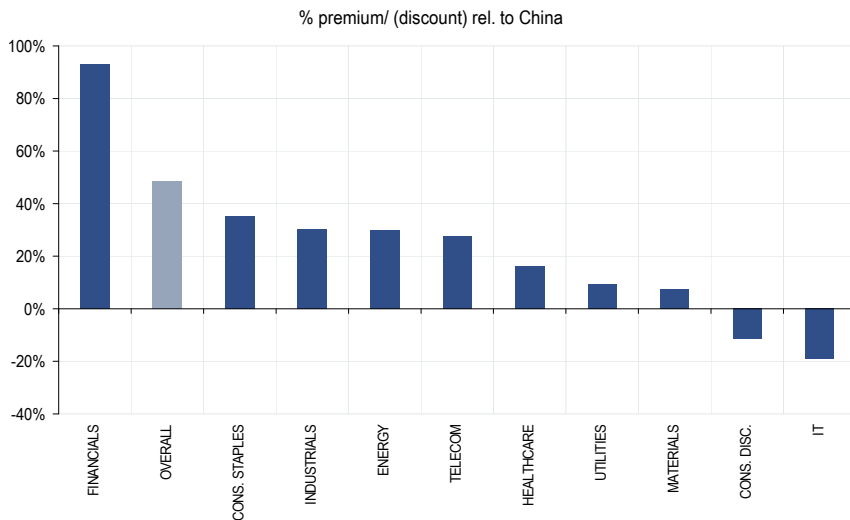
# India vs. China – valuation premium has contracted

- India's PE premium has been driven by its ROE premium ... With contraction in ROE differential, valuation premium has also narrowed.
- Fundamental reflection of Indian valuation trends? ... higher growth, but lower returns = lower valuations
- India's significant outperformance over 2009/10 has now reversed meaningfully in 2011. We seem to be in the midst of another reversal now

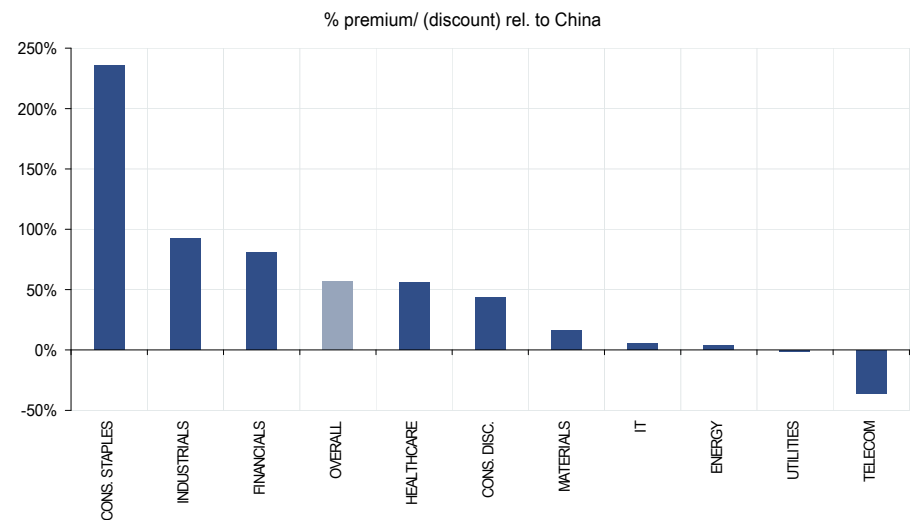
## ROE Comparison



## PE Comparison



## PB Comparison



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- **Macroeconomic Summary and Forecasts**

# Macroeconomic Forecasts

Calendar Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012E	2013E
Fiscal Year to 31 March	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13E	FY14E
<b>National Income Indicators*</b>											
Nominal GDP (US\$bn)	623.5	720.5	833.7	950.2	1240.6	1223.9	1362.3	1683.7	1,841	1,844	2,159
Per Capita GDP (US\$)	582	662	754	847	1,090	1,061	1,164	1,420	1,532	1,511	1,718
Real GDP growth (%)	8.1	7	9.5	9.6	9.3	6.7	8.4	8.4	6.5	5.4	6.2
Agriculture growth (%)	9	0.2	5.1	4.2	5.8	0.1	1	7	2.8	0.5	3
Industry growth (%)	7.3	9.8	9.7	12.2	9.7	4.4	8.4	7.2	3.4	3.2	4.4
Services growth (%)	8.1	8.1	10.9	10.1	10.3	10	10.5	9.3	8.9	7.5	7.8
<b>By Demand* (%YoY)</b>											
Consumption	5.4	2.3	8.6	7.9	9.3	7.6	8.1	8.1	5.4	5	5.7
Pvt Consm	5.9	2.1	8.5	8.7	9.2	7.1	7	8.1	5.5	5	5.5
Public Consm	2.6	3.4	8.9	3.8	9.6	10.4	14.3	7.8	5.1	5	7
Gross Fixed Capital Formn	13.6	20.7	16.2	13.8	16.2	3.5	6.8	7.5	5.5	4.5	6
<b>Cons; Invst; Savings** (%GDP)</b>											
Consumption	75	70.1	69.2	68	67.2	68.6	69.4	68.4	67.7	67.1	66.2
Gross Capital Formation	26.9	32.8	34.7	35.7	38.1	34.3	36.1	35.8	35.5	35.4	35.1
Gross Domestic Savings	29.1	32.4	33.4	34.6	36.8	32	33.8	32.3	32	31.8	31.5
<b>Monetary Indicators (% YoY)</b>											
Money supply	13	14	15.9	20	22.1	20.5	19.2	16	16	16	17
Inflation - WPI (Avg)	5.5	6.5	3.7	6.5	4.8	8	3.6	9.6	8.8	7.5-8	7
CPI (Avg)	3.8	3.9	4.2	6.8	6.2	9.1	12.3	10.5	8.4	8	7
Bank credit growth	15.3	30.9	37	28.1	22.3	17.5	16.9	21.5	17	17	17
Deposit growth	17.5	13	24	23.8	22.4	19.9	17	16	16	16	16
<b>Fiscal Indicators (% GDP)</b>											
Centre's fiscal deficit	-4.3	-3.9	-4	-3.3	-2.5	-6	-6.5	-4.9	-5.9	-5.9	-5.5
State fiscal deficit	-4.2	-3.3	-2.4	-1.8	-1.5	-2.4	-2.9	-2.7	-2.5	-2.5	-2.5
Combined deficit (Centre+State)	-8.2	-7.2	-6.5	-5.4	-4.1	-8.4	-9.7	-8.3	-8.4	-8.4	-8
Combined liabilities (dom+ext)	85.4	85.2	83	79.3	76.1	76.1	75	71.3	70.5	69.2	69.2
<b>External Sector (% YoY)</b>											
Exports (US\$bn)	66.3	85.2	105.2	128.9	166.2	189	182.4	250.5	309.8	291.2	314.5
Imports (US\$bn)	80	118.9	157.1	190.7	257.6	308.5	300.6	381.1	499.5	479.6	508.3
Trade deficit (US\$bn)	-13.7	-33.7	-51.9	-61.8	-91.5	-119.5	-118.2	-130.6	-189.8	-188.4	-193.8
Invisibles (US\$bn)	27.8	31.2	42	52.2	75.7	91.6	80	84.6	111.6	118.4	131.7
Current Account Deficit (US\$bn)	14.1	-2.5	-9.9	-9.6	-15.7	-27.9	-38.2	-45.9	-78.2	-69.9	-62.1
% to GDP	2.3	-0.3	-1.2	-1	-1.3	-2.3	-2.8	-2.7	-4.2	-3.7	-2.8
Capital Account (US\$bn)	16.7	28	25.5	45.2	106.6	6.8	51.6	62	67.8	71.6	65.6
% GDP	2.7	3.9	3.1	4.8	8.6	0.6	3.8	3.7	3.7	3.8	3
Forex Assets (excl gold) (US\$bn)	106.1	135.1	145.1	191.9	299.1	241.6	252.8	273.7	260.9	262.5	266
Months of imports	15.9	13.6	11.1	12.1	13.9	9.4	10.1	8.6	6.3	6.6	6.3
External Debt (US\$bn)	112.7	134	139.1	172.4	224.4	224.5	260.9	305.9	345.7	360.7	375.7
Short Term Debt (US\$bn)	4.4	17.7	19.5	28.1	45.7	43.3	52.3	65	78.2	83.2	88.2
<b>Exchange Rate</b>											
US\$/INR - annual avg	45.9	45	44.3	45.2	40.2	46	47.4	45.6	48.1	54	53.5
% depreciation	-5	-2	-1.6	2	-11.1	14.4	3	-3.8	5.5	12.3	-0.9

\*\* At current prices.

# Appendix A-1

## Analyst Certification

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Jet Airways, Jindal Steel and Power, Kotak Mahindra Bank, Larsen & Toubro, LIC Housing Finance, Lupin, Mahindra & Mahindra, Multi Commodity Exchange Ltd., Power Grid Corporation of India, Dr Reddy, Reliance Industries, State Bank of India, Sesa Goa, Tata Motors, Tata Consultancy Services, Tata Steel, Tata Power, United Phosphorus, Yes Bank.

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<i>% of companies in each rating category that are investment banking clients</i>	50%	47%	45%	59%	47%	50%

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