

STRATEGY

Risk is reset down...some growth will be too

India Equity Research | Strategy

India's risk has reset down—on equity valuations, currency and liquidity, taking most of the froth out of it. But could this market froth fizzle result in an economic reset down too? We believe with new leverage constraints, capital access challenges and diminished risk appetite, India's cyclical recovery could be more normalised or relatively muted. This should bring India to its longer-term averages: on valuations (15–16x), earnings growth (15–16%) and portfolio biases (consumption, quality). We see the Indian market range-bound (9,800–10,500) over the next 12 months and volatile, particularly through the elections in May 2019, but also offering reasonable value across select higher-quality businesses.

Risk reset down

India's risk has reset down: across valuations (1x SD premium to EM at peak), the currency and, to a lesser extent, interest rates (static as US yields rose). While triggered by oil and US yield increases – and still sensitive to them, India's risk and macro levels are probably where they should be. So beyond extraneous market swings, India's risk has reset lower, but also possibly settled down.

Moderate economic reset too...

We would expect economic trends and earnings expectations to be also reset lower—albeit only modestly. This reset is likely to be primarily driven by constraints on leverage (corporate and consumer), potential slowdown on equity capital access, challenges on the fiscal and diminished risk appetite, given volatile markets and the upcoming elections. This shouldn't, however, alter the structure or direction of the economy – but may impact the expected pace of cyclical recovery.

Valuations to reset to averages – throwing up opportunities

We see India's valuation framework settling at its longer-term averages (15–16x): NIFTY target of 9,800–10,500 as the market navigates risk, economic and elections variances. We would position the portfolio towards a few standout stocks, a greater quality bias and a little more defensive than we have been. It should be a trading market until elections, but is offering stock opportunities.

Top picks

Company	Current market cap	Current market	P/B (X)		P/E (X)		RoE (%)		Dividend Yield (%)
	(USD Mn)	Price (INR)	FY19E	FY20E	FY19E	FY20E	FY19E	FY20E	FY19E
Reliance Industries	97,858	1,140	1.8	1.6	16	12	13	13	0.3
Infosys Technologies	41,350	699	5.7	5.2	19	17	27	32	5.7
ICICI Bank	27,315	313	1.9	1.7	21	11	9	16	2.7
Larsen & Toubro	23,100	1,216	3.2	2.4	21	17	15	16	1.3
Mahindra & Mahindra	12,613	749	2.5	2.2	16	14	17	17	1.3
Dabur	9,483	396	10.6	9.2	41	36	28	27	1.0
Hindalco Industries	7,049	232	0.8	0.7	10	8	9	9	0.0
Zee Entertainment Enterprise	6,147	473	5.1	4.3	28	23	20	20	0.3
Dr Reddy Labs	5,771	2,567	3.0	2.5	20	15	15	18	0.8
Lupin	5,432	887	2.8	2.5	31	19	9	14	0.8

Aditya Narain
+91-22- 6620 3061
aditya.narain@edelweissfin.com

Prateek Parekh, CFA
+91-22-6623 3469
prateek.parekh@edelweissfin.com

Padmavati Udecha
+91-22-6620 3103
padmavati.udecha@edelweissfin.com

October 15, 2018

India was sitting up as a vulnerable market

The risk reset: A complete surprise?

No. While the reset was likely triggered by the sharp rise in oil prices and the projected US rate hike (refer to our note [Economy: Real of Rudimentary](#)), India was sitting up as a vulnerable market. India's relatively strong performance over 1HYCY18 was increasingly reflected across equities, FX and interest rates. We highlight below the extent of relative overvaluation across most comparable measures. Effectively India's markets – across asset classes – was overvalued, relative to its own history and its EM peers and was valued generously on an absolute basis.

Chart 1: India's absolute valuations remain high...

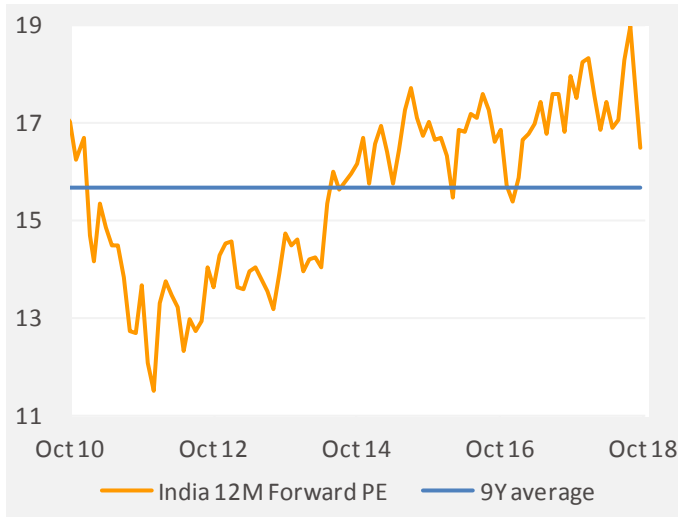


Chart 2: ...have re-rated amid BoP shock

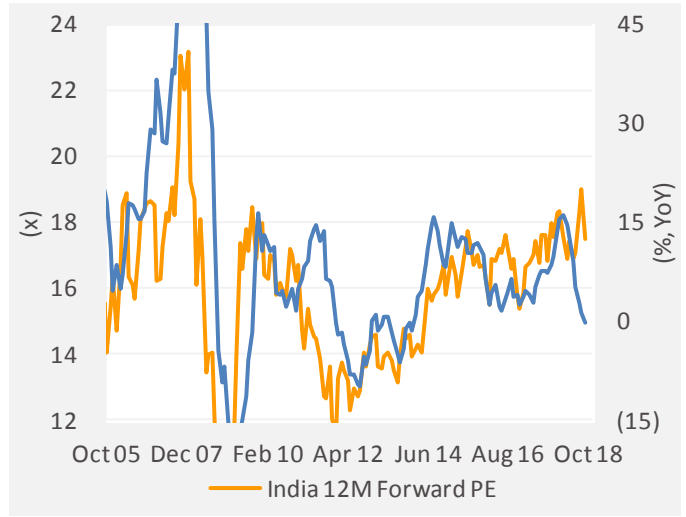


Chart 3: India has outperformed EM despite rising oil prices...

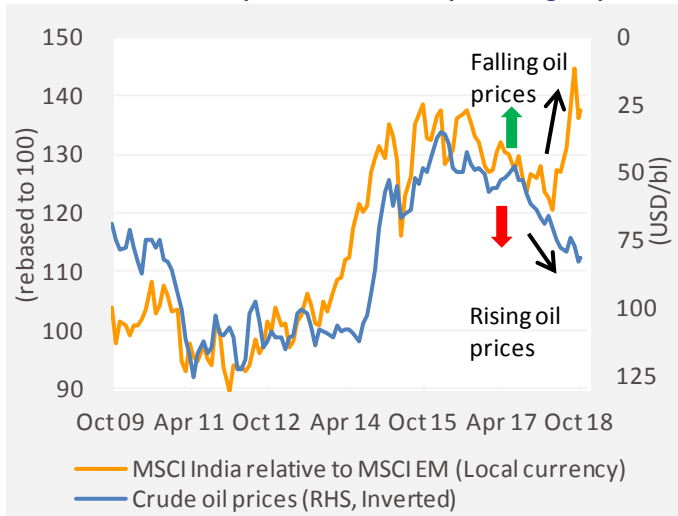
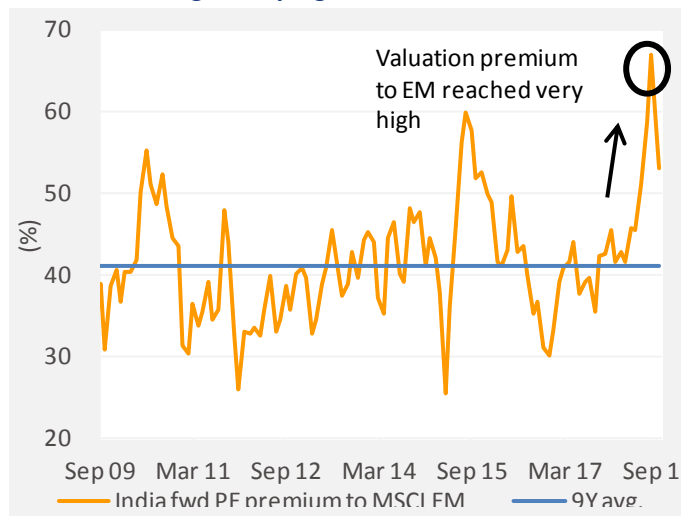


Chart 4: ...leading to very high relative valuations



Source: Bloomberg, Edelweiss research

In addition, the performance of India's equity and currency markets relative to oil prices was also unusually strong vis-a-vis previous cycles – given India's fundamental (and almost unchanging) vulnerability to higher oil prices. The market took its time in picking it up— but there were enough indicators suggesting that India was frothy. Most of this froth is now likely out.

INR has probably overreacted —5% underperformance to EM peers over the past two months

We have in any case been relatively measured in our view on India’s strong recent economic data

Incremental NBFC credit has become almost 65% of FY18 incremental lending

But how is India placed across its macro parameters – given large moves and adjustments, high volatility, with risks more to the downside rather than the upside. We would believe equity market valuations — now hovering a little above their longer-term averages (still expensive) have seen the froth out. We also see interest rates more measured – an INR defence risk trading off with still slack inflation – and unlikely to move materially (risks skewed to moderate increases to the upside). And we would argue the INR has probably overreacted —5% underperformance to EM peers over the past two months, and while vulnerable to oil prices and foreign flows – could well be set for a slight reversal.

The bigger question: Will there be an economic reset?

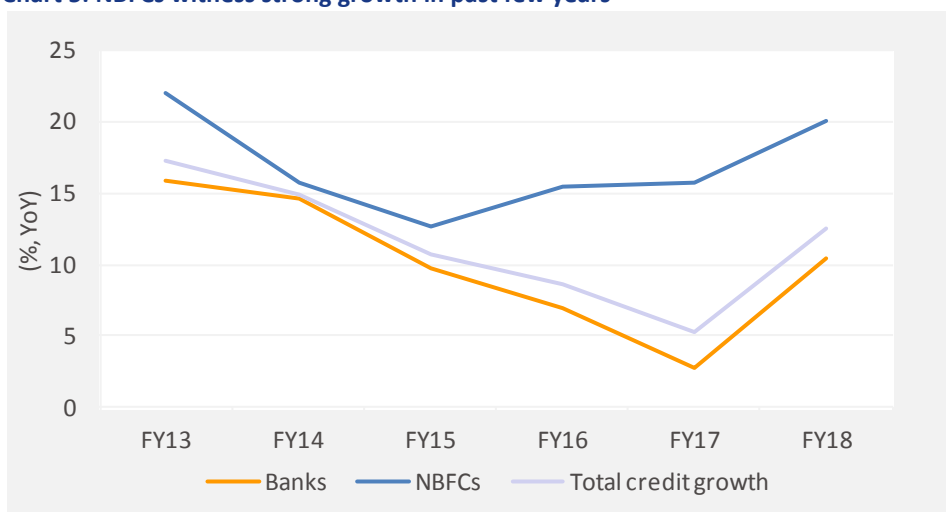
We believe more than the risk of a downward reset (which is more a market phenomenon), it is the possible impact of this process on the real economy that is of greater influence and needs more scrutiny. While we have in any case been relatively measured in our view on India’s strong recent economic data (see our economy note [Recovery: Real or Rudimentary](#)), could this be another spanner in the works in India’s expected trajectory?

We take a closer look at the pillars of India’s current and expected economic momentum, and the possible impact on them in the face of the recent market reset.

Leverage – Can new funding challenges dent economic momentum?

While India’s banking sector credit has been growing relatively slowly on account of asset quality challenges as well as regulatory restraints for part of the government banking sector, credit to the system in general has been flowing more freely. This has in part been facilitated by the more vibrant and flush with funds NBFCs, disbursing credit across corporate and retail markets. That incremental NBFC credit was 35% of FY18 incremental lending in effect provided more leverage to the system than headline bank loan growth suggests. This oil for the economy is at risk.

Chart 5: NBFCs witness strong growth in past few years



Source: Bloomberg, CMIE, RBI, Edelweiss research

Access to credit is likely to slow down, even without the sector facing any discernible credit risk

Sharp INR depreciation risks denting the deepening offshore funding market

That such aversions or reversals usually take time to reverse means the impact could last beyond the immediate term

Credit will also become more expensive – for the system at large

We believe this access to credit – a necessity for some, but a distinct growth driver for others – is likely to slow down: even without the sector facing any discernible credit risk (long anticipated on account of their heady growth). This will be driven by greater challenges to funding: we see MFs and banks being more discerning on liquidity and credit judgements, the regulator likely to tighten ALM and liquidity requirements for the NBFCs and, most importantly, NBFCs themselves being circumspect about liquidity and growth expectations. That there has been regulator-induced leadership and ownership uncertainty pertaining to private sector banks (Yes, Bandhan) will only add to systemic funding constraints and may undermine potential growth.

The INR's sharp 15% depreciation in 2018 also risks denting the deepening offshore funding market via contracted ECBs: as some un-hedged borrowers take losses, hedged costs rise and credit lines tend to clamp down in the face of currency volatility. There also tends to be risk aversion with FII debt (secondary market), albeit that is often more temporal, and could well swing with a changing market outlook.

We see this as the most vulnerable point in India's current cycle: the return of risk and liquidity constraints, which could challenge expected growth. That such aversions or reversals usually take time to reverse means the impact could last well beyond the immediate term. While the current squeeze will likely unwind soon (regulatory support, SBI bank purchases, etc) and there are already some signs of normalcy, leverage will build up slowly, than was the case before the market reset.

While this could have more-specific implications for a few sectors that were materially driven by NBFC credit (real estate, affordable housing, higher yield, etc), it will have implications for corporate (SMEs, mid-corporates) and could be a pressure point for consumer credit too. And credit will also become more expensive – for the system at large.

Table 1: NBFCs' breakdown by segment

Segment	Sub Segments details	Est. Mkt Size 18	Historical growth	Market share summary		
		(INR tn)	Overall	Banks	NBFCs	Top 5 Players
Housing Finance		16.7	18	58	42	50
MSME (Incl. LAP)		~16.5	15	80	20	40
Commercial Vehicles		~3.0	13	45	55	60
Personal/Passenger Vehicles		~2.4				
	Cars - New	1.2	9	85	15	80
	Cars - Used	0.8	15			
	2W - New	0.4		40	60	75
Farm equipments	Tractors - New	0.5		55	45	50
Gold Loans		1.7	6	60	40	40
Microfinance		1.3	25	55	45	50
Loan Against Securities		1.1	20	80	20	
Corporate	Real Estate financing	3.8	15	55	45	

Source: Bloomberg, CMIE, RBI, Edelweiss research

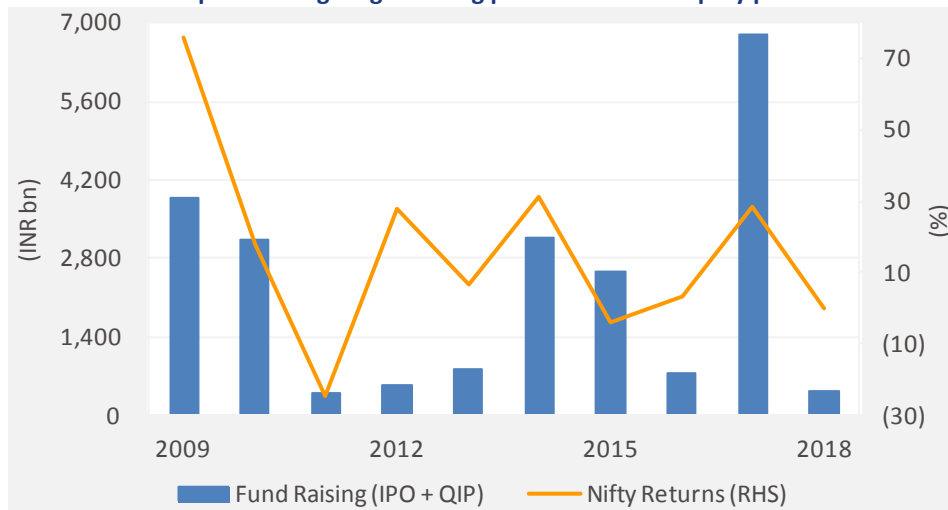
Capital access: Likely stalled, for now at least

A constrained debt market, and fairly flush equity valuations have meant relatively aggressive equity capital-raising over the past 18 months. While this has been for a mix of uses (growth, but also deleveraging and, in many cases, government divestment or PE exits), capital has been available for the economy, businesses and the government. A weaker and more volatile market will likely slow this down, at least for a while.

Weak and volatile markets limit capital-raising and restrict it to the top-end of the market; one should expect more of the same in the current cycle too

But for how long? A look at India's historical market cycles and capital-raising clearly suggests weak and volatile markets limit capital-raising and restrict it to the top-end of the market. One should expect more of the same in the current cycle too. But is this cyclical, or could it be more structural, especially in the wake of meaningful market dislocations?

Chart 6: India's capital-raising surges during phases of stellar equity performance



Source: Prime Database, CMIE, RBI, Edelweiss research

India's experience with FII flows has been positive. During the course of such market reversals, there have been only limited instances of drawdowns or negative flows over a full year. And over more medium-term intervals, flows have continued to be positive. India's trends with domestic flows will however be more interesting: has not really been tested since the current rush of flows that first started in 2014. And even in the face of more recent market underperformance (and negative performance for 12 months, for some), inflows continue at a decent pace. These flows have been a material balancing feature for the market in recent times, and will be a material and first-time influence on capital-raising.

Chart 7: FII flows into India turning negative

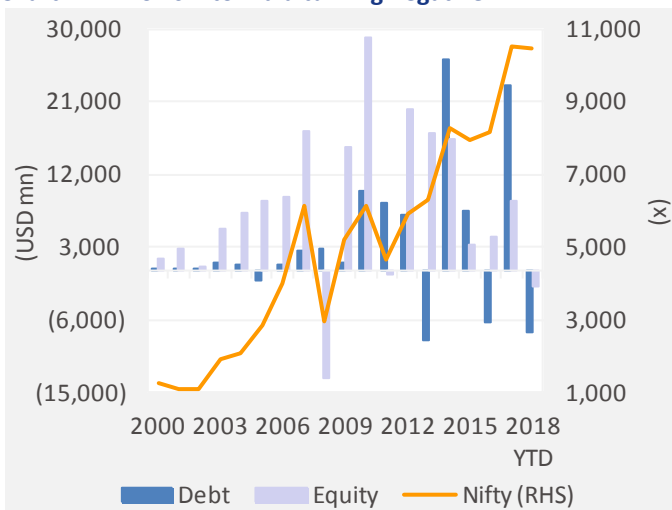
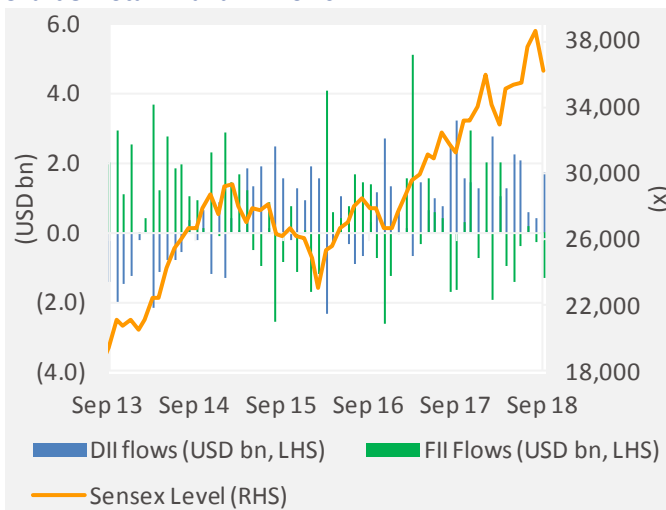


Chart 8: Total FII and DII flows



Source: CMIE, Bloomberg, Edelweiss research

We expect challenges to fiscal, ex of the current market challenge

Higher possibility of increased government spends in election year

The government's current/new reform thrust –towards the end of its term – may not make a material difference to growth

The government's aggressive divestment targets and relatively inconsistent approach to achieve them adds up to the challenge

We do however believe that capital-raising will be narrower – towards strong businesses and corporate, and more measured in its valuation generosity than over the recent past. This will, in the short term, constrain some of the economic and business activity that was flying high on tailwinds from the markets. This is, at the margin, a dampner.

The fiscal challenge...a little more usual

Is the current risk reset a challenge for the fiscal? And would it need a downward reset too? We do see challenges to the fiscal, ex of the current market challenge. This is reflected in the relatively slack GST collections, which continue to remain well short of targets. In addition, the government's move to absorb part of the fuel price increase (INR1.5 per litre through excise concession) will further put pressure on the fiscal, albeit only somewhat. Additionally, weak markets could pressure disinvestment proceeds, and if growth were to moderate, it would be an added pressure point.

While the government remains comfortable with its targeted 3.3% level, we see the risks of a breach reasonably high given some of the abovementioned challenges. In addition, that it is an election year, only raises the possibility of increased government spends (only a couple of months before spending checks kick in). Considering the government's track record on meeting its fiscal target is mixed, a breach is possible and therefore higher market borrowings are a reasonable reality. This fiscal push could well be a growth support over the nearer term, but its implicit and negative impact on rates, credit availability and, to some extent confidence (already in-play) may start becoming a drag on economic growth.

What does this do to the reform agenda?

The government's ruling term is coming to the end, so to some extent its current/new reform thrust does not make a material difference to growth. The big reform over the tenure of the government, i.e. the GST rollout, is now largely done, and its impact (positive, we believe) will progressively play out. That does not change.

That said, recent governmental and regulatory actions, could well present challenges of their own, with medium-term implications. These include:

- a) **Oil:** The near reversal of pricing decontrol for oil companies may impact investment in oil marketing – from both government and potential private sector players.
- b) **Supreme Court restrictions on use of Aadhar as KYC :** While the regulations are still not clear, this change could impact a very-efficient KYC process that, we believe, has greatly speeded up telephone, bank account and other customer acquisition processes, which have added to economic momentum.
- c) **Bank consolidation:** While structurally needed and positive, it creates uncertainty, and is likely to further impact the flow of credit during execution.

We would also believe the government's aggressive divestment targets, and its relatively inconsistent approach to achieve them, could well be creating its own challenge. The different means of raising such proceeds – stake sale buyout, market divestments, buybacks, dividends – have been also inconsistent, and relatively hard to predict. We believe there have been distinct environmental hiccups: across the government, regulators and the courts , in very recent times. While these in-themselves might have only limited implications, but by and large they do add to growth risk, impact economics and undermine confidence.

Table 2: Sources of achieving divestment targets historically

Year	IPO/FPO/ OFS	Buyback	CPSE-ETF and SUUTI Stake Sale	Cross Holding by Oil CPSEs	Total Disinvestment Proceeds	As % of BE
2013-14	35	21	30	53	139	40
2014-15	261	-	-	-	261	60
2015-16	195	45	-	-	240	59
2016-17	80	190	193	-	462	128
2017-18	378	53	201	369	1,001	215

Source: Ministry of Finance, DIPAM, CMIE, Edelweiss research

What does this mean for India's equity market?

The run-up to the elections in May 2019 is likely to be marked by uncertainty and volatility

India's equity market is expected to trade within its long-term average of 15–16x

We believe there will be uncertainty and volatility in the run-up to the elections in May 2019—in the backdrop of the risk reset that has taken place and potential economic growth risks that are rising thereof. This will be a mix of the elections themselves (that will become more prominent towards December 2018, when a few key state elections will have happened), the macro (more global than domestic) and, to a lesser extent, India micro corporate performance.

All in all, we see this taking out froth – in valuations and expectations, and should consequently see the market trend towards more normalized, or its average, levels. This should: a) continue to keep the markets in a relatively moderate trading range; b) limit froth in valuations - and we expect India's equity market to largely trade within its longer-term averages of 15–16x or about 9,800–10,500 on the NIFTY (our earlier target range was 17–19x or 10,500–11,500); and c) put earnings at risk for the current year: with consensus earnings for FY19 at 23% while 1HYFY has generated about 7% growth. We would expect volatility to persist, but around its means – rather than the more elevated levels it erupted from. Any material moves beyond this relatively narrow band should push the market beyond its fair valuation (on either side).

This is how one should position for it...

We believe the following will be the themes that will dominate over the medium term as the market settles into a lower-risk environment, and sees some risks to growth. These are: **a)** Expansion of leverage will be slower. **b)** Liability gatherers and capital providers will be at a premium. **c)** Market share consolidation (precipitated by the recent risk reset) will likely consolidate. **d)** Rural dynamics will continue to improve. **e)** Growth could see some reset down, particularly capital- and leverage-sensitive. This should provide its own set of opportunities at a stock level too.

Bias model portfolio towards higher quality businesses at reasonable valuations

We see the stock profile also becoming more distinct – and bias itself towards greater quality, and relatively more defensive in its nature. We see dominant stock characteristics that would generate relatively high return (and keep a check on risks) in the following :

- a)** A higher quality, scale and market leadership bias
- b)** Staple consumption - away from discretionary
- c)** Reasonable valuations for higher quality businesses
- d)** A defensive bias in the business

At present, the Indian market is a very good stock-hunting ground

We are rejigging our model portfolio—raising consumer staples to OW and alternating our top pick recommendations. We believe high volatility in what should be a relatively narrow market trading band will throw up stock and portfolio opportunities that have not been available in India for a while. This could well make the Indian market a very good stock-hunting ground – as risks appear to have reset down, even as risk perceptions have gone up.

Table 3: Changes in model portfolio

Sector	Relative Weight in Current Portfolio	Relative Weight in Previous Portfolio	Changes in Weights	Stance
Sectors where relative weights have been increased				
Consumers	200	(300)	500	Upgraded from UW to OW
Utilities	(100)	(312)	212	No Change
Chemicals	47	(176)	144	Upgraded from UW to OW
Health Care	100	0	100	Upgraded from UW to OW
Information Technology	200	300	(100)	No Change
Sectors where relative weights have been decreased				
Autos	0	150	(150)	Downgraded from OW to UW
Metals & mining	(267)	(100)	(167)	No Change
Industrials	100	350	(250)	No Change
Energy	(250)	40	(290)	Downgraded from OW to UW

Table 4: Our large and midcap top picks

Company	Current market cap	Current market	P/B (X)		P/E (X)		RoE (%)		Dividend Yield (%)
	(USD Mn)	Price (INR)	FY19E	FY20E	FY19E	FY20E	FY19E	FY20E	FY19E
Large caps									
Reliance Industries	97,858	1,140	1.8	1.6	16	12	13	13	0.3
Infosys Technologies	41,350	699	5.7	5.2	19	17	27	32	5.7
ICICI Bank	27,315	313	1.9	1.7	21	11	9	16	2.7
Larsen & Toubro	23,100	1,216	3.2	2.4	21	17	15	16	1.3
Mahindra & Mahindra	12,613	749	2.5	2.2	16	14	17	17	1.3
Dabur	9,483	396	10.6	9.2	41	36	28	27	1.0
Hindalco Industries	7,049	232	0.8	0.7	10	8	9	9	0.0
Zee Entertainment Enterprise	6,147	473	5.1	4.3	28	23	20	20	0.3
Dr Reddy Labs	5,771	2,567	3.0	2.5	20	15	15	18	0.8
Lupin	5,432	887	2.8	2.5	31	19	9	14	0.8
Mid caps									
L&T Infotech Ltd	4,225	1,803	7.1	5.9	22	19	35	34	1.8
Indraprastha Gas	2,287	241	4.0	3.4	20	17	22	22	0.0
L&T Technology Services Ltd	2,272	1,618	7.3	6.2	25	22	32	31	1.4
Sterlite Technologies	1,732	318	8.6	6.5	27	19	36	39	0.9
Aarti Industries	1,401	1,272	5.4	4.2	24	17	25	27	0.6
KEC International	968	278	2.9	2.3	13	11	24	22	0.4
Security and Intelligence Services Ind	921	928	5.7	4.8	35	25	18	21	0.5
JK Cement	667	704	2.2	1.9	16	11	15	19	1.1
TeamLease Services Ltd	558	2,411	7.6	6.1	41	30	20	23	0.0
KEI Industries	301	282	2.8	2.2	12	9	27	28	0.0

Source: Edelweiss research

Table 5: Model Portfolio

Stocks	Mkt Cap (USD bn)	Price (INR)	Portfolio (%)	Nifty wt (%)	Rel wt (bps)	P/E (x) FY19E	P/E (x) FY20E	P/B (x) FY19E	P/B (x) FY20E	RoE (%) FY19E	RoE (%) FY20E	Div Yld (%) FY19E
Information Technology			16.8	14.8	200							
HCL Tech	18.9	1,003	1.2	1.3	(13)	13.9	12.3	3.3	3.1	25.1	25.8	0.8
Infosys Technologies	41.4	699	8.0	5.4	263	19.0	17.0	5.7	5.2	27.0	32.0	11.4
L&T Technology Services Ltd	2.3	1,618	2.0	0.0	200	25.2	21.6	7.3	6.2	31.8	31.3	1.4
L&T Infotech	4.2	1,803	1.0	0.0	100	22.1	18.7	7.1	5.9	34.9	34.4	1.8
Teamlease	1.5	1,331	1.0	0.0	100	34.7	24.7	5.7	4.8	17.7	21.2	0.5
Tata Consultancy Services	99.1	1,950	3.6	3.6	0	23.4	20.4	11.0	10.0	40.8	50.8	3.8
Consumers			13.0	11.0	200							
Dabur	9	396	3.0	0.0	300	41.1	35.9	10.6	9.2	27.6	27.3	1.0
Nestle	13	9,656	2.0	0.0	202	58.6	44.2	24.8	22.2	44.3	53.1	1.1
Hindustan Unilever	44.8	1,526	4.0	2.4	161	53.2	43.2	39.8	34.6	79.5	85.6	1.3
Zee Entertainment Enterprise	6.1	473	4.0	0.8	321	28.1	22.8	5.1	4.3	19.6	20.5	0.3
BFSI			37.8	36.3	150							
Axis Bank	20.1	577	2.0	2.1	(18)	20.0	14.2	2.1	1.9	11.3	14.2	1.4
HDFC	39.9	1,733	7.0	7.6	(58)	29.9	25.7	4.4	4.1	15.3	16.5	1.3
HDFC Bank	73.9	2,008	11.0	9.7	127	24.8	19.8	3.7	3.2	17.3	17.4	0.8
ICICI Bank	27.3	313	8.0	4.3	370	20.6	11.2	1.9	1.7	9.5	16.2	2.7
IndusInd Bank	13.3	1,627	3.9	2.3	154	21.8	17.1	3.5	3.0	17.4	18.9	0.6
Kotak mahindra Bank	30.2	1,170	3.0	3.6	(65)	31.4	25.3	4.2	3.7	14.5	15.7	0.4
State Bank of India	31.8	263	3.0	2.3	69	19.2	10.0	1.2	1.1	6.3	11.1	1.5
Industrials			5.3	4.3	100							
Larsen & Toubro	23.1	1,216	5.3	4.1	125	21.0	17.2	3.2	2.4	14.6	15.7	1.3
Health Care			4.1	3.1	100							
Dr Reddy's Labs	5.8	2,567	3.1	0.6	245	20.5	15.4	3.0	2.5	15.4	17.9	0.8
Lupin	5.4	887	1.0	0.5	53	30.6	19.2	2.8	2.5	9.3	13.7	0.8
Autos			7.2	7.2	0							
Bajaj Auto	10.3	2,620	1.0	0.9	6	17.0	15.0	3.6	3.3	22.3	23.0	2.9
Mahindra & Mahindra	12.6	749	2.2	1.8	46	16.3	13.8	2.5	2.2	16.6	17.0	1.3
Maruti Suzuki India	29.4	7,182	4.0	3.0	103	22.1	19.5	4.5	3.9	21.7	21.3	1.2
Telecommunication Services			1.5	1.5	0							
Bharti Airtel	15.8	291	1.5	1.3	15	122.8	32.0	1.6	1.5	2.9	7.3	0.0
Chemicals			1.0	0.5	47							
Aarti Industries	1.4	1,272	1.0	0.0	101	23.9	17.0	5.4	4.2	24.5	27.4	0.6
Metals & mining			1.0	3.7	(267)							
Hindalco Industries	7.0	232	1.0	0.8	25	9.6	8.4	0.8	0.7	9.2	9.3	0.0
Energy			10.2	12.7	(250)							
Indraprastha Gas	2.3	241	1.2	0.0	118	19.5	16.6	4.0	3.4	21.9	21.9	0.0
Reliance Industries	97.9	1,140	9.0	7.7	131	15.5	12.4	1.8	1.6	12.8	13.4	0.6
Cement			0.0	1.8	(179)							
Utilities			2.1	3.1	(100)							
NTPC	18.4	165	2.1	1.3	74	11.9	10.3	1.3	1.2	10.9	11.9	3.4
Model Portfolio			100.0	100.0	0							
Nifty				100.0	0							

Chart 9: Model Portfolio's performance since inception

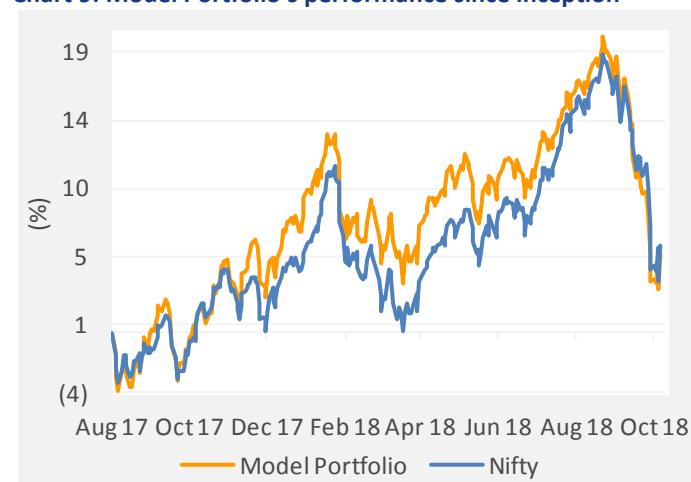
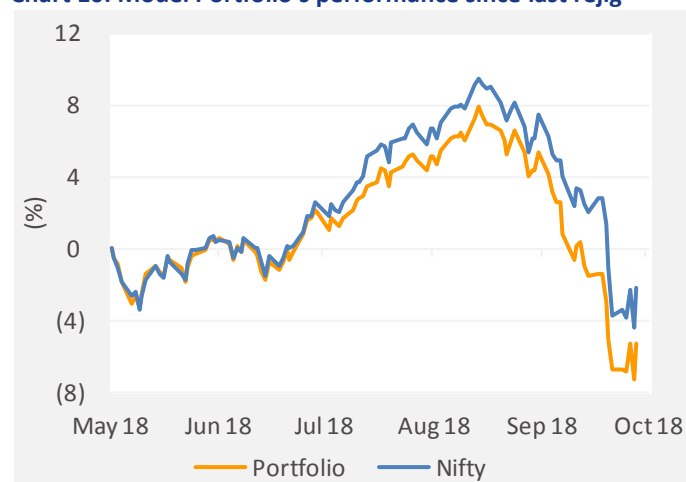


Chart 10: Model Portfolio's performance since last rejig



Source: Bloomberg, Edelweiss research

Edelweiss Securities Limited, Edelweiss House, off C.S.T. Road, Kalina, Mumbai – 400 098.
Board: (91-22) 4009 4400, Email: research@edelweissfin.com

Aditya Narain

Head of Research

aditya.narain@edelweissfin.com

Recent Research

Date	Company	Title
04-Oct-18	Q2FY19 Result Preview	A tepid quarter on the cards
23-Aug-18	Q1FY19 earnings review	3Is and G – INR, Interest rates, Input prices and Growth
05-Jul-18	Q1FY19 Result Preview	Low base, INR depreciation to boost earnings

DISCLAIMER

Edelweiss Securities Limited (“ESL” or “Research Entity”) is regulated by the Securities and Exchange Board of India (“SEBI”) and is licensed to carry on the business of broking, depository services and related activities. The business of ESL and its Associates (list available on www.edelweissfin.com) are organized around five broad business groups – Credit including Housing and SME Finance, Commodities, Financial Markets, Asset Management and Life Insurance.

This Report has been prepared by Edelweiss Securities Limited in the capacity of a Research Analyst having SEBI Registration No. INH200000121 and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. Securities as defined in clause (h) of section 2 of the Securities Contracts (Regulation) Act, 1956 includes Financial Instruments and Currency Derivatives. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in Securities referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ESL and associates / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. ESL reserves the right to make modifications and alterations to this statement as may be required from time to time. ESL or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. ESL is committed to providing independent and transparent recommendation to its clients. Neither ESL nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future performance. The disclosures of interest statements incorporated in this report are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. The information provided in these reports remains, unless otherwise stated, the copyright of ESL. All layout, design, original artwork, concepts and other Intellectual Properties, remains the property and copyright of ESL and may not be used in any form or for any purpose whatsoever by any party without the express written permission of the copyright holders.

ESL shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the ESL to present the data. In no event shall ESL be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the ESL through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

ESL and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the Securities, mentioned herein or (b) be engaged in any other transaction involving such Securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. ESL may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with ESL.

ESL or its associates may have received compensation from the subject company in the past 12 months. ESL or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. ESL or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. ESL or its associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. ESL or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or ESL's associates may have financial interest in the subject company. ESL and/or its Group Companies, their Directors, affiliates and/or employees may have interests/ positions, financial or otherwise in the Securities/Currencies and other investment products mentioned in this report. ESL, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

ESL has financial interest in the subject companies: No

ESL's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

ESL has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by ESL on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years except that ESL had submitted an offer of settlement with Securities and Exchange commission, USA (SEC) and the same has been accepted by SEC without admitting or denying the findings in relation to their charges of non registration as a broker dealer.

A graph of daily closing prices of the securities is also available at www.nseindia.com

Analyst Certification:

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Additional Disclaimers

Disclaimer for U.S. Persons

This research report is a product of Edelweiss Securities Limited, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Edelweiss Securities Limited only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Edelweiss Securities Limited has entered into an agreement with a U.S. registered broker-dealer, Edelweiss Financial Services Inc. ("EFSI"). Transactions in securities discussed in this research report should be effected through Edelweiss Financial Services Inc.

Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 ("FSMA").

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons").

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

Disclaimer for Canadian Persons

This research report is a product of Edelweiss Securities Limited ("ESL"), which is the employer of the research analysts who have prepared the research report. The research analysts preparing the research report are resident outside the Canada and are not associated persons of any Canadian registered adviser and/or dealer and, therefore, the analysts are not subject to supervision by a Canadian registered adviser and/or dealer, and are not required to satisfy the regulatory licensing requirements of the Ontario Securities Commission, other Canadian provincial securities regulators, the Investment Industry Regulatory Organization of Canada and are not required to otherwise comply with Canadian rules or regulations regarding, among other things, the research analysts' business or relationship with a subject company or trading of securities by a research analyst.

This report is intended for distribution by ESL only to "Permitted Clients" (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). If the recipient of this report is not an Ontario Permitted Client, as specified above, then the recipient should not act upon this report and should return the report to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any Canadian person.

ESL is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) ESL is not registered in the Province of Ontario to trade in securities nor is it registered in the Province of Ontario to provide advice with respect to securities; (ii) ESL's head office or principal place of business is located in India; (iii) all or substantially all of ESL's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against ESL because of the above; and (v) the name and address of the ESL's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario M5J 2T3 Canada.

Disclaimer for Singapore Persons

In Singapore, this report is being distributed by Edelweiss Investment Advisors Private Limited ("EIAPL") (Co. Reg. No. 201016306H) which is a holder of a capital markets services license and an exempt financial adviser in Singapore and (ii) solely to persons who qualify as "institutional investors" or "accredited investors" as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Pursuant to regulations 33, 34, 35 and 36 of the Financial Advisers Regulations ("FAR"), sections 25, 27 and 36 of the Financial Advisers Act, Chapter 110 of Singapore shall not apply to EIAPL when providing any financial advisory services to an accredited investor (as defined in regulation 36 of the FAR. Persons in Singapore should contact EIAPL in respect of any matter arising from, or in connection with this publication/communication. This report is not suitable for private investors.

Copyright 2009 Edelweiss Research (Edelweiss Securities Ltd). All rights reserved

Access the entire repository of Edelweiss Research on www.edelresearch.com