

Strategy Flash

COUNTRY RESEARCH

1 October 2008 | 12 pages

India Equity Strategy

2QFY09 Preview: Slowing...

- Ex-oil Sensex profits at 8.5%, CIR universe at 12% It should be a slower quarter; earnings for the narrow Sensex companies, as well as the broader CIR universe (145 companies), should be lower than the 14-15% recorded in 1QFY09, and substantially off its highs (49%yoy, 3Q07). 2Q09 growth expectations are also at odds with our 18.7% FY09 earnings growth; suggesting either near-term caution, or medium-term over-estimation. We exclude oil because of its earnings uncertainty/unpredictability incorporating the companies would revise Sensex growth to 14%, lower CIR growth to -3.6%.
- Top line should moderate but remain robust, margins should ease The quarter should continue to see robust sales levels: 25%, though a step down over 32% growth in 1Q09; suggests relatively strong demand, but possibly inflationary environment too. Margins should continue to moderate yoy, though interestingly, aggregates suggest margins should pick up over the quarter. Signs of easing cost and macro pressures? Not just yet probably some seasonality, and some surprises, rather than a trend.
- Leaders and Laggards watch for rate, currency and market risks We do not see any driving theme for the quarter; the leaders capital goods, telecom, consumers, IT services and pharmaceuticals will drive growth (similar to in 1Q09). Energy, metals and materials will bring up the rear, with negative growth. Watch points cost and interest rate pressures, currency pains/exposures and market risks.

Aditya Narain, CFA¹

+91-22-6631-9879 aditya.narain@citi.com

Tirthankar Patnaik¹

+91-22-6631-9887 tirthankar.patnaik@citi.com

Figure 1. Sensex and CIR Universe 2QFY09 Estimates

	QoQ Gro	owth - Expect	YoY Growth - Expected				
Sector	Sales	EBITDA	PAT	Sales	EBITDA	PAT	
Sensex (30/30)	0.8%	4.2%	2.2%	22.5%	20.9%	12.7%	
Sensex ex-oil (29/29)	0.3%	4.3%	2.2%	20.9%	15.1%	8.5%	
Citi Universe	4.0%	25.1%	3.9%	36.4%	15.7%	-3.6%	
Citi Universe ex-oil	1.4%	3.1%	3.3%	24.7%	19.6%	12.6%	
Sensex-ex Fin	0.5%	6.0%	-0.9%	21.3%	21.9%	14.4%	

Source: Citi Investment Research

See Appendix A-1 for Analyst Certification and important disclosures.

Citi Investment Research is a division of Citigroup Global Markets Inc. (the "Firm"), which 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. Non-US research analysts who have prepared this report are not registered/qualified as research analysts with the NYSE and/or NASD. Such research analysts may not be associated persons of the member organization and therefore may not be subject to the NYSE Rule 472 and NASD Rule 2711 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Customers of the Firm in the United States can receive independent third-party research on the company or companies covered in this report, at no cost to them, where such research is available. Customers can access this independent research at http://www.smithbarney.com (for retail clients) or http://www.citigroupgeo.com (for institutional clients) or can call (866) 836-9542 to request a copy of this research.

¹Citigroup Global Markets India Private Limited

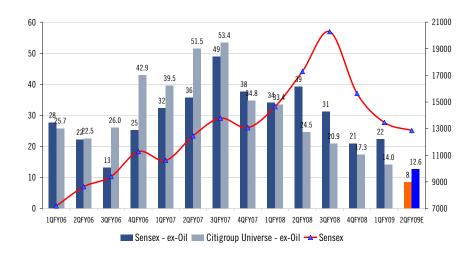
We do expect earnings growth to slow....the narrow Sensex aggregates suggest a pretty marked run-off in growth...the broader CIR suggests it's a better story at the wider level

Sales momentum should also flag.....but it remains at a substantially robust level...suggesting either demand remains robust...or that it is inflation showing...or most likely a mix of both

Sep-08 Quarter Results Preview

Slowing....?

Figure 2. Ex-oil Earnings Growth Trends—Sensex and Citi India Universe



Source: Citi Investment Research * based on latest Sensex composition

Figure 3. Sensex ex-oil Sales and Earnings Growth



Oil has a keen and inconsistent influence.... pushes CIR aggregates into negative territory (Downstream oil companies losing money hand over fist)... while ONGC's upsides actually raise Sensex earnings growth levels

Capital goods should continue its well above industry growth momentum...energy, cement and real estate the drags

Figure 4. Sensex and CIR Universe 2QFY09 Estimates

	QoQ G	rowth - Expe	cted	YoY Growth - Expected			
Sector	Sales	EBITDA	PAT	Sales	EBITDA	PAT	
Sensex (30/30)	0.8%	4.2%	2.2%	22.5%	20.9%	12.7%	
Sensex ex-oil (29/29)	0.3%	4.3%	2.2%	20.9%	15.1%	8.5%	
Citi Universe	4.0%	25.1%	3.9%	36.4%	15.7%	-3.6%	
Citi Universe ex-oil	1.4%	3.1%	3.3%	24.7%	19.6%	12.6%	
Sensex-ex Fin	0.5%	6.0%	-0.9%	21.3%	21.9%	14.4%	
Source: Citi Investment Resear	ch						

Figure 5. CIR Universe 2QFY09 Estimates by Sector

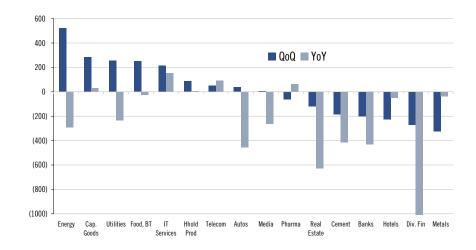
	QoQ Gr	owth - Expect	ed	YoY Growth - Expected				
Sector	Sales	EBITDA	PAT	Sales	EBITDA	PAT		
Auto & Components	-1.8%	1.9%	-12.9%	8.9%	-24.7%	-4.0%		
Banks	2.7%	0.0%	18.3%	26.5%	19.7%	7.4%		
Capital Goods	15.1%	43.5%	41.3%	34.3%	37.2%	30.3%		
Cons Durables & Apparel	6.6%	20.6%	17.8%	29.9%	22.9%	18.9%		
Hotels	-1.2%	-8.1%	-4.2%	10.8%	9.0%	-2.4%		
Diversified Financials	1.9%	-5.4%	-5.3%	67.0%	4.5%	7.5%		
Energy	4.4%	217.6%	-5.7%	50.9%	9.6%	-36.7%		
Food Beverage & Tobacco	-2.9%	7.2%	10.7%	11.7%	10.6%	7.1%		
Health Care & Services	9.2%	8.1%	8.4%	83.8%	60.9%	38.8%		
Hhold & Personal Products	-1.0%	5.6%	-1.8%	19.8%	20.4%	18.9%		
Metals	12.8%	2.0%	-1.3%	27.6%	25.9%	21.1%		
Cement	-5.1%	-11.3%	-16.5%	6.4%	-8.3%	-10.6%		
Media	-1.2%	-1.0%	-5.4%	28.7%	15.5%	11.0%		
Pharma, Biotech	-2.8%	-7.2%	-11.1%	13.7%	14.7%	15.1%		
Real Estate	-2.6%	-4.8%	-6.7%	13.3%	1.5%	-12.0%		
Retailing	35.3%		-69.7%	35.0%	-3.1%			
Software & Services	3.6%	13.2%	13.5%	24.4%	32.5%	19.0%		
Tech Hardware	4.3%	181.3%		11.5%	-12.1%			
Telecom	6.0%	7.4%	5.0%	30.1%	33.4%	26.8%		
Transportation	4.3%	-86.7%	-52.6%	64.5%	-47.7%	101.4%		
Utilities	-4.2%	5.6%	-0.6%	19.8%	10.4%	8.5%		

Figure 6. Sensex and CIR Universe EBITDA and PAT Margins

Margins	EBITDA	PAT	EBITDA	PAT	EBITDA	PAT
Sector	This Qu	arter	Last Quai	rter	Last Ye	ar
Sensex (30/30)	29.7%	18.6%	28.7%	18.4%	30.1%	20.2%
Sensex ex-oil (29/29)	25.9%	16.8%	24.9%	16.5%	27.2%	18.7%
Citi Universe	17.4%	10.4%	14.5%	10.4%	20.6%	14.7%
Citi Universe ex-oil	27.7%	16.9%	27.3%	16.6%	28.9%	18.7%
Sensex-ex Fin	24.7%	16.3%	23.5%	16.6%	24.6%	17.3%
Source: Citi Investment Research	1					

EBITDA Margins continue to trend down yoy...but over the quarter, there appears a surprise uptick

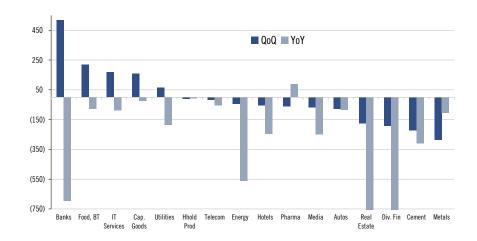
Figure 7. CIR Universe EBITDA Margin Change (bps) by Sector—QoQ compared with YoY



Source: Citi Investment Research

And this trend flows through to the profit margin level

Figure 8. CIR Universe PAT Margin Change (bps) by Sector—QoQ Compared with YoY



Sectorally, it's a mixed and divergent trend

Figure	9.	CIR	Universe	2QFY09	Margins	by Sector

Margins	EBITDA	PAT	EBITDA	PAT	EBITDA	PAT
Sector	This Qua	rter	Last Qua	rter	Last Ye	ar
Auto & Components	10.2%	6.3%	9.8%	7.1%	14.8%	7.2%
Banks	76.5%	39.4%	78.6%	34.2%	80.9%	46.4%
Capital Goods	14.3%	8.6%	11.5%	7.0%	14.0%	8.9%
Cons Durables & Apparel	12.6%	8.4%	11.1%	7.6%	13.3%	9.2%
Hotels	30.6%	18.3%	32.8%	18.8%	31.1%	20.7%
Diversified Financials	35.6%	25.3%	38.3%	27.2%	56.8%	39.3%
Energy	7.8%	4.1%	2.6%	4.5%	10.7%	9.7%
Food Beverage & Tobacco	26.8%	18.0%	24.3%	15.8%	27.1%	18.7%
Health Care & Services	15.2%	6.3%	15.4%	6.4%	17.4%	8.4%
Hhold & Personal Products	14.3%	12.4%	13.4%	12.5%	14.2%	12.5%
Metals	30.8%	20.0%	34.1%	22.8%	31.2%	21.0%
Cement	26.1%	16.2%	27.9%	18.4%	30.2%	19.3%
Media	22.9%	15.7%	22.9%	16.4%	25.6%	18.2%
Pharma, Biotech	22.1%	14.4%	23.2%	15.8%	21.9%	14.3%
Real Estate	54.0%	40.5%	55.2%	42.2%	60.3%	52.1%
Retailing	3.0%	-1.2%	-0.2%	-5.6%	4.2%	0.2%
Software & Services	25.1%	19.2%	22.9%	17.6%	23.5%	20.1%
Tech Hardware	20.0%	0.0%	7.4%	-21.7%	25.4%	0.7%
Telecom	37.8%	20.7%	37.3%	20.9%	36.8%	21.3%
Transportation	-1.8%	-12.2%	-13.8%	-26.9%	-5.5%	-10.0%
Utilities	27.5%	17.7%	24.9%	17.1%	29.8%	19.6%
Source: Citi Investment Researc	h					

Figure 10. Company-wise 2QFY09 Quarterly Results Estimates (Contd.)

		30-S	ep-08	Q	oQ Grow	th	Y	oY Grow	th	EBITDA	PAT	EBITDA	PAT	EBITDA	PAT
Company	RIC	Price	Rating	Sales	EBITDA	PAT	Sales	EBITDA	PAT	Margins This	Quarter	Margins Last	Quarter	Margins Las	t Year
Indian Oil	10C.B0	405	3M	17.3	-103.0	-135.5	76.4	-130.1	-103.9	0.4	-0.2	-16.8	0.6	-2.5	7.7
Indraprastha Gas	IGAS.B0	115	2M	-1.2	-0.2	-1.3	8.2	0.5	0.6	40.0	22.9	39.6	22.9	43.1	24.6
Oil & Natural Gas	ONGC.BO	1,036	1L	4.5	4.1	2.3	36.0	45.4	33.1	58.4	32.4	58.6	33.1	54.6	33.1
Petronet LNG	PLNG.B0	52	3M	-2.0	-3.6	-9.5	-3.5	-13.8	-17.3	11.5	5.9	11.7	6.4	12.8	6.9
Reliance Industries	RELI.BO	1,946	1L	-7.5	-2.6	-6.9	20.0	3.1	-0.3	15.5	10.0	14.7	9.9	18.0	12.0
Areva T & D India	AREV.B0	1,423	2M	1.9	4.5	4.2	46.4	46.2	38.6	18.2	10.5	17.7	10.3	18.2	11.1
Power Grid	PGRD.B0	86		4.6	5.1	-5.2	30.9	30.7	21.2	82.9	33.3	82.5	36.8	83.1	36.0
Sesa Goa	SESA.B0	119	3H	-26.3	-46.4	-47.2	178.7	302.4	314.4	46.6	36.9	64.0	51.5	32.3	24.8
Andhra Bank	ADBK.BO	55		4.6	25.1	104.3	5.1	10.6	4.9	70.9	43.8	59.3	22.4	67.4	43.9
Bank of Baroda	BOB.BO	298	1M	2.1	-8.1	10.5	10.0	24.0	25.2	73.2	37.9	81.4	35.1	64.9	33.3
Canara Bank	CNBK.BO	189	1M	-0.9	9.9	240.5	28.3	18.9	4.0	76.6	41.4	69.0	12.0	82.6	51.0
Corporation Bank	CRBK.BO	272	2M	-0.2	-12.4	-5.0	6.4	-4.5	8.5	74.5	46.4	84.9	48.7	83.1	45.5
EdelWeiss Capital	EDEL.B0	415	3H	0.1	2.6	4.3				40.5	24.7	39.5	23.7		
Federal Bank	FED.B0	205	1M	-2.8	-4.4	87.3	31.1	37.2	33.9	89.6	47.2	91.1	24.5	85.6	46.2
HDFC Bank	HDBK.B0	1,229	1L	6.3	10.5	11.9	57.5	37.3	41.1	62.0	28.4	59.6	26.9	71.1	31.7
ICICI Bank	ICBK.B0	535	1L	2.3	8.3	3.7	19.7	-1.7	-24.7	86.8	35.3	82.0	34.8	105.7	56.1
Indiabulls	IBUL.B0	154	3H	5.0	8.4	5.7	19.7	-17.0	-10.4	36.7	26.2	35.5	26.0	52.9	35.0
IDFC	IDFC.B0	72	3M	5.7	2.7	0.3	15.4	14.2	11.8	139.4	96.1	143.4	101.3	140.9	99.2
Kotak Mahindra Banl	KKTKM.BO	555	2M	7.0	-20.2	-20.5	55.0	-42.1	-45.7	39.3	23.1	52.6	31.1	105.1	66.0
Motilal Oswal	MOFS.BO	102	3M	8.8	-6.3	-1.1	0.4	-24.9	-20.5	24.7	16.9	28.6	18.6	33.0	21.3
Oriental Bank	ORBC.B0	148		4.6	-6.3	-14.3	16.9	21.7	8.0	70.9	40.4	79.2	49.4	68.1	43.8
Punjab National Ban	kPNBK.B0	475	3M	8.0	12.5	18.2	20.8	29.3	12.5	70.9	38.8	68.0	35.5	66.2	41.7
Religare Enterprises	RELG.B0	356	3H	-3.5	6.0	138.0				9.3	3.1	8.4	1.3		
Reliance Capital	RLCP.B0	1,143	3M	-1.0	-10.0	-9.4		47.6	55.4	23.3	20.3	25.6	22.2	25.3	21.0
State Bank of India	SBI.B0	1,466	1L	0.0	-7.3	14.5	28.1	35.4	16.6	76.2	39.0	82.2	34.1	72.1	42.8
Yes Bank	YESB.B0	121	3H	5.7	-5.8	11.6	44.3	59.1	34.0	89.8	50.8	100.7	48.1	81.4	54.7
Union Bank Of India	UNBK.BO	144	1L	0.0	6.9	46.5	27.4	24.7	21.3	81.4	41.3	76.0	28.2	83.1	43.4
AXIS Bank	AXBK.B0	721	1L	3.3	-23.1	-7.3	42.2	33.4	34.3	73.7	36.6	99.0	40.7	78.6	38.7

Figure 11. Company-wise 2QFY09 Quarterly Results Estimates

		30-S	ep-08	Q	oQ Growtl	h	Υ	oY Growth	1	EBITDA	PAT	EBITDA	PAT	EBITDA	PAT
Company	RIC		Rating		EBITDA	PAT		EBITDA	PAT	Margin		Margins		Margins	
100.01	1000 00				100		50.0			Quar		Quar		Yea	
ABG Shipyard	ABGS.BO	299	1M	24.4	16.8	5.0	59.9	39.4	44.7	26.5	14.6	28.2	17.3	30.4	16.1
Amtek Auto	AMTK.BO	165	1M	-5.9 -10.7	-7.0	-38.8	10.0	-79.0	-25.3 -23.8	15.3	5.2	15.5	8.1	80.1 9.4	7.7 4.7
Ashok Leyland	ASOK.BO	27	3L		-12.1	-27.7	-3.6	-18.9			3.7	8.0	4.6		
Bharat Forge	BFRG.BO	183	2L	5.6	12.9	-15.4	19.5	27.4	-0.6	26.2	8.9	24.5	11.1	24.6	10.7
Bharati Shipyard	BHAR.BO	176 869	1M	-1.3 9.5	-2.8 25.9	-2.5	37.0 32.4	22.3	12.3	19.0	14.3	19.3 12.0	14.5 9.6	21.3	17.4 8.7
Hero Honda	HROH.BO		2L	4.3	-86.7	24.0 -52.6			65.6	13.8 -1.8	10.9	-13.8	9.6 -26.9	12.4 -5.5	-10.0
Jet Airways	JET.BO	400	3M		-00.7 -6.5	-9.0	64.5 11.7	-47.7 3.8	101.4 -12.3		-12.2 6.5	-13.6 9.9	-26.9 6.6		8.3
Mahindra & Mahindra Maruti Suzuki India	MAHM.BO MRTI.BO	509 687	1L 2L	-8.1 -3.9	-0.5 3.6	-20.0	0.5	3.6 -16.6	-12.3 -17.7	10.0 10.9	8.4	10.1	10.1	10.8 13.1	10.3
TVS Motor	TVSM.BO	33	3M	9.3	10.9	191.4	21.0	74.3	300.8	3.5	2.0	3.4	0.8	2.4	0.6
		785	3L	0.6	8.3				22.1		8.7		8.2		8.4
ABB (India)	ABB.BO BHEL.BO	1,586	3L 2L	19.0	6.5 138.5	7.2 88.4	18.1 29.9	19.4 28.2	30.1	12.7 17.3	14.1	11.8 8.6	8.9	12.5 17.5	14.0
Bharat Heavy CESC	CESC.BO	279	2L 1L	0.9	156.5	17.8	8.2		36.8	17.3	14.1	15.6	12.0	17.3	11.1
Gammon India				-4.1	-4.3	-14.2	22.0			8.4	2.6	8.4	2.9		3.7
Hindustan Construction	GAMM.BO HCNS.BO	138 77	1M 3M	-4.1 -22.2	-4.5 -24.4	-14.2 -86.1	22.0	14.2	-14.3 3.0	10.2	0.4	10.5	2.9	9.0 11.0	3.7 0.5
IVRCL Infra & Projects	IVRC.BO	235	1M	-22.2	-24.4	-13.1	30.7		37.5	8.8	4.2	8.8	4.7	8.0	4.0
Jaiprakash	JAIA.BO	111	1 lvi	-3.5	-3.9 -2.4	5.5	28.6	37.9	29.1	0.0 27.5	12.1	0.0 27.2	11.1	25.6	12.1
Larsen & Toubro	LART.BO	2,443	1L	11.2	25.8	3.4	41.4		45.8	10.7	6.5	9.5	7.0	10.7	6.3
Nagarjuna Construction	NGCN.BO	95	1M	-10.0	-9.4	-23.3	29.0		-15.4	9.5	3.3	9.4	3.8	12.5	5.0
NTPC	NTPC.BO	172	1 lvi	-9.3	4.5	-23.3	7.9	-2.2 -7.9	-13.4 -9.4	29.3	20.2	25.4	18.4	34.3	24.0
Punj Lloyd	PUJL.BO	287	1M	3.4	6.2	14.4	44.7	35.0	24.8	8.2	4.1	8.0	3.7	8.8	4.7
Reliance Infrastructure	RLIN.BO	790	1M	1.4	-437.5	-4.0	44.6		-1.6	3.7	10.9	-1.1	11.5	11.8	16.0
Suzion Energy	SUZL.B0	152	3M	77.2	121.8	205.7	34.3	60.2	27.0	19.2	10.3	15.4	6.0	16.1	10.0
Tata Power	TTPW.B0	906	1L	-9.8	-5.5	-1.5	35.4		3.8	15.8	10.3	15.0	9.4	20.0	13.4
Thermax	THMX.B0	416	1L	26.2	40.7	31.8	18.0		16.2	13.3	8.6	11.9	8.3	13.7	8.8
Voltas	VOLT.B0	92	3M	-10.4	-10.5	-19.0	26.6		16.4	7.7	5.6	7.7	6.2		6.0
JSW Steel	JSTL.B0	480	1M	11.1	62.4	114.7	71.2		-7.1	25.2	11.5	17.2	6.0	30.4	21.3
Sterlite Industries (India)	STRL.B0	428	1M	28.6	-34.2	-26.9	7.6	24.4	22.9	5.5	6.9	10.7	12.1	4.7	6.0
Hindustan Zinc	HZNC.BO	430	3M	-1.6	-13.5	-16.8	-18.4	-40.4	-32.6	52.3	43.6	59.5	51.6		52.8
Tata Steel	TISC.B0	426	1M	9.1	5.3	8.2	40.5	50.3	61.6	47.4	27.1	49.1	27.4	44.3	23.6
National Aluminium	NALU.BO	369	1M	2.5	5.4	5.1	15.0	36.6	25.6	51.6	36.7	50.2	35.8	43.5	33.6
ACC	ACC.BO	612	3M	-6.0	-14.3	-16.6	2.0	-21.0	-24.3	20.7	12.8	22.7	14.4	26.7	17.3
Grasim Industries	GRAS.B0	1,688	3M	1.9	4.5	-2.0	4.8	-2.3	0.8	29.8	19.1	29.0	19.8	32.0	19.8
Ambuja Cements	ABUJ.BO	78	3M	-9.6	-21.3	-28.6	9.1	-13.9	-23.1	26.3	17.0	30.2	21.5	33.3	24.1
UltraTech Cement	ULTC.B0	528	3M	-11.4	-24.7	-29.3	12.9	1.8	0.9	25.3	14.2	29.8	17.7	28.1	15.8
Asian Paints	ASPN.BO	1,183	3L	20.4	34.6	38.6	32.0	27.7	19.7	15.5	10.2	13.9	8.8	16.0	11.2
Colgate Palmolive (India)	COLG.BO	403	1L	2.7	-4.4	-9.6	15.0	12.0	18.7	15.1	15.5	16.2	17.6	15.5	15.0
Dabur India	DABU.BO	91	2L	21.2	51.2	53.9	17.0	13.6	13.7	18.0	14.9	14.4	11.7	18.5	15.3
Hindustan Unilever	HLL.B0	252	1L	-4.7	-0.2	-8.6	19.4	23.0	20.6	13.7	12.3	13.1	12.8	13.3	12.2
ITC	ITC.B0	188	1L	-9.7	0.0	4.1	7.6	9.2	1.1	32.0	22.1	28.9	19.2	31.5	23.5
Marico	MRCO.BO	58	2L	0.3	4.4	5.4	30.0	22.0	15.5	13.1	8.1	12.6	7.7	14.0	9.1
Nestle India	NEST.BO	1,691	3L	9.4	19.1	21.4	25.0	21.3	26.7	20.5	13.3	18.8	12.0	21.1	13.1
Shoppers Stop	SHOP.BO	213	3M	35.3		-69.7	35.0	-3.1		3.0	-1.2	-0.2	-5.6	4.2	0.2
Tata Tea	TTTE.B0	670	1L	9.2	45.0	53.8	13.0	8.1	30.0	18.0	10.4	13.6	7.4	18.8	9.1
EIH	EIHO.BO	129	3L	0.5	-9.6	-9.1	10.0	10.7	-19.1	27.0	14.6	30.0	16.1	26.8	19.8
Hotel Leela Venture	HTLE.B0	29	3H	-7.2		19.1	15.0	4.7	-0.8		34.6	43.9	26.9		40.1
Indian Hotels	IHTL.B0	67	1L	-0.4	-6.7	-13.0	10.0		9.9		15.6	31.0	17.9		15.6
HT Media	HTML.B0	100	2H	0.4	-21.3	-25.3	16.0		-11.7	16.0	8.6	20.4	11.6		11.4
Jagran Prakashan	JAGP.B0	70	1H	3.0	-18.6	-29.2	20.0		1.7		10.5	24.0	15.3		12.4
UTV Software Communications	UTVS.B0	715	3H	1.3	8.1	1.6	92.9	1.4	45.1	13.0	18.5	12.2	18.5	24.7	24.6
Course Citi Investment Decemb															

Figure 12. Company-wise 2QFY09 Quarterly Results Estimates (Contd.)

		30-S	ep-08	Q	oQ Grow	th	Y	oY Grow	rth	EBITDA	PAT	EBITDA	PAT	EBITDA	PAT
Company	RIC	Price	Rating	Sales	EBITDA	PAT	Sales	EBITDA	PAT	Margins This	Quarter	Margins Last	Quarter	Margins Las	st Year
Zee Entertainment	ZEE.BO	198	1M	-4.4	13.4	7.4	30.0	23.8	14.4	31.6	21.4	26.6	19.1	33.1	24.4
Apollo Hospitals	APLH.B0	449	1M	11.0	10.1	9.2	30.0	21.8	35.4	16.3	8.8	16.4	8.9	17.4	8.4
Biocon	BION.BO	178	3H	19.7	30.4	18.1	-5.2	-6.9	-11.7	28.4	18.1	26.0	18.3	28.9	19.4
Cadila Healthcare	CADI.BO	310	1M	4.8	27.9	2.6	20.0	26.0	12.7	21.8	11.9	17.9	12.1	20.8	12.6
Cipla	CIPL.B0	229	3L	12.5	40.4	46.5	21.5	12.2	20.2	22.0	15.1	17.6	11.6	23.8	15.3
Dishman	DISH.BO	309	1H		5.1	-6.2	43.8	62.4	46.9	26.0	15.4	28.1	18.7	23.0	15.1
Dr Reddy	REDY.BO	509	2M	-0.5	-20.7	-0.5	18.1	-16.2	14.5	9.6	9.0	12.1	9.0	13.6	9.2
Fortis Healthcare	FOHE.BO	62	3H	5.0	2.4	-16.6				12.7	0.5	13.0	0.7		
Glenmark Pharma	GLEN.BO	492	1M	14.8	15.9	-0.2	39.4	38.1	53.3	30.5	21.5	30.2	24.7	30.8	19.6
GlaxoSmithKline Pharma		,	3L	2.6	-3.0	-2.1	1.5	7.3	3.1	34.3	26.3	36.3	27.6	32.5	25.9
Jubilant Organosys	JUB0.B0	281	1M	2.5	2.2	-17.8	37.0	49.6	22.0	20.0	11.7	20.1	14.6	18.3	13.1
Piramal Healthcare	PIRA.BO	331	1M		24.8	25.6	10.7	31.8	34.0	20.7	13.4	19.8	12.8	17.4	11.1
Orchid Chemicals	ORCD.NS	213	1H		48.8	51.0		-1.3	-29.2	26.4	7.4	22.2	6.2	35.1	13.8
Ranbaxy	RANB.BO		3Н	9.1	-14.9	-13.3	15.2	2.1	-20.4	15.3	6.7	19.6	8.4	17.2	9.7
Sun Pharmaceuticals	SUN.BO		1M	-2.4	-6.6	-8.7		108.7	109.5	50.3	45.8	52.5	49.0	34.7	31.5
United Phosphorus	UNPO.BO		1L	-8.5	-10.5	-25.2		37.6	53.1	20.0	11.4	20.4	13.9	19.5	10.0
Ansal Properties	ANSP.BO	87	3Н	7.8	4.4	5.9	-23.6	-46.9	-60.9	21.0	10.5	21.7	10.7	30.2	20.6
DLF	DLF.B0	352	1M		-7.9	-9.0	10.8	-4.6	-16.0	60.0	47.1	61.5	48.9	69.7	62.1
Omaxe	OMAX.BO			-15.8	-22.3	-31.0				25.0	13.3	27.1	16.2		
Parsvnath Developers	PARV.B0	91	3H	-3.2	-9.8	-12.9	-9.9	-29.6	-37.3	30.0	17.9	32.2	19.8	38.4	25.6
Puravankara Projects	PPRO.BO	163	3H	7.9	7.2	-3.6	20.6	10.6	-0.9	38.0	35.1	38.3	39.3	41.4	42.7
Unitech	UNTE.B0	117	2H	9.0	9.1	6.8		30.9	10.2	59.0	40.2	59.0	41.0	50.0	40.5
Educomp Solutions	EDS0.B0	,	3H	37.6	32.5		112.5	119.4	106.2	52.6	29.4	54.6	24.2	50.9	30.3
Hexaware Technologies		31	3H	2.5		184.3		7.5	0.4	11.2	9.3	6.2	3.3	11.6	10.3
KPIT Cummins	KPIT.B0	35			29.7	26.0		24.8	16.1	14.9	8.3	13.0	7.5	15.8	9.5
MindTree Consulting	MINT.BO	308	3H	13.2		-434.2		87.6	60.3	22.3	17.3	20.8	-5.9	16.4	14.9
Moser Baer India	MOSR.BO		3H	4.3	181.3		11.5	-12.1	05.1	20.0	0.0	7.4	-21.7	25.4	0.7
Mphasis	MBFL.B0	189	1H	8.8	20.1	13.4		38.8	35.1	18.5	11.1	16.8	10.6	17.9	11.0
NIIT	NIIT.BO	51	3H	22.6	123.2	76.1	17.8	16.3	40.4	13.1	9.4	7.2	6.5	13.3	7.8
Patni Computer Systems		178	3H	4.5	36.5	-8.3		-5.1	-15.3	16.6	11.6	12.7	13.2	20.8	16.3
Satyam Computers	SATY.BO	297		-35.7	5.0		-17.1	64.9	31.7	39.4	32.0	24.1	20.9	19.8	20.1
Tata Consultancy	TCS.B0	663	2M	8.8	14.5	9.6	23.6	18.3	9.3	25.1	19.6	23.9	19.4	26.3	22.1
Tech Mahindra	TEML.BO	615	3H	12.2	9.9	3.6	39.6	59.9	47.4	25.2	21.4	25.7	23.2	22.0	20.2
Wipro	WIPR.BO	340	2M	5.2	7.6	12.3		31.1	12.5	19.8	14.6	19.4	13.6	20.1	17.2
Bharti Airtel	BRTI.BO	785	1L	6.1	6.4	5.9	42.1	38.2	32.9	41.6	23.8	41.5	23.9	42.8	25.5
IDEA Cellular	IDEA.BO	75	1L	3.8	4.0	1.3	44.4	45.8	20.9	33.0	11.8	32.9	12.1	32.7	14.1
MTNL Balianaa Camm	MTNL.BO	84	2L 2L	-1.9 8.0	4.9	-12.8 5.2		-0.8	6.0 24.8	16.0	9.1 28.9	15.0 42.3	10.3 29.6	14.8	7.9 29.0
Reliance Comm.	RLCM.BO			3.9	9.8		31.4	26.0	-3289.3	43.0	-29.3	42.3 14.5		42.8 24.3	
Spice Communications	SPCM.BO	76	3M		14.8	4.4				16.0			-29.2		1.2
Tata Teleservices	TTML.B0	22 900	3M	5.0 14.8	11.0 10.9	-3.1 0.0	20.0 47.7	61.4	-31.8 24.3	34.2	-6.7	32.4	-7.3	25.5	-11.8
Tulip Telecom Ltd Tata Communications	TULP.BO TATA.BO	468	1M 2M	5.4	8.8			40.8 37.5	82.0	19.0	12.0 12.3	19.7	13.8 11.4	19.9	14.3
						13.8				23.0		22.3		16.1	6.5
Aban Offshore Chennai Petroleum	ABAN.BO CHPC.BO		1H 1M	13.6 -9.0	14.6 -90.7		69.6	90.3 -74.6	62.2 -91.8		27.3 0.2	56.5 10.4	29.0 6.3	50.8 6.8	28.6 3.6
	EKCL.BO								42.9						
Everest Kanto Cylinder				20.8	4.8		78.9	61.3		28.0	17.8	32.3	18.5	31.0	22.2
GAIL Great Offshore	GAIL.BO GOFS.BO	408 479	1L 1M	0.6 3.0		180.2	27.3	63.2	60.0	24.9 43.0	15.9 16.1	24.4 41.6	15.7 5.9	19.4	12.6
Gujarat Gas	GGAS.BO			3.0 8.3		-10.0	217	16.9	15.8	43.0 19.8	11.7	18.4	14.1	20.7	12.3
	GSPT.BO							26.4	87.0						
Gujarat State Petronet Hindustan Petroleum	HPCL.BO			-2.7 -1.2	-4.9 100.6		22.0	-162.6		88.0 -2.4	26.2 -2.6	90.0 -1.2	27.3 -2.6	84.9 5.4	17.1 3.5
iiiiluustaii Felivieuili	III UL.DU	242	SIVI	-1.2	100.0	0.4	41./	-102.0	-204.0	-2.4	-2.0	-1.2	-2.0	0.4	3.5

Appendix A-1

Analyst Certification

Each research analyst(s) principally responsible for the preparation and content of all or any identified portion of this research report hereby certifies that, with respect to each issuer or security or any identified portion of the report with respect to an issuer or security that the research analyst covers in this research report, all of the views expressed in this research report accurately reflect their personal views about those issuer(s) or securities. Each research analyst(s) also certify that no part of their compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) expressed by that research analyst in this research report.

IMPORTANT DISCLOSURES

Customers of the Firm in the United States can receive independent third-party research on the company or companies covered in this report, at no cost to them, where such research is available. Customers can access this independent research at http://www.smithbarney.com (for retail clients) or http://www.citigroupgeo.com (for institutional clients) or can call (866) 836-9542 to request a copy of this research.

A member of Aditya Narain, CFA's household holds a long position in the shares of Reliance Capital.

A member of Tirthankar Patnaik's household holds a long position in the shares of ICICI Bank and NTPC.

Citigroup Global Markets is advising CanWest Global Communications Corp in the proposed sale of its subsidiary's stake in CanWest MediaWorks to HT Media Limited.

Citigroup Global Markets Inc. or its affiliates beneficially owns 1% or more of any class of common equity securities of ABG Shipyard, ACC, Amtek Auto, Andhra Bank, AXIS Bank, Bharat Heavy, Bharati Shipyard, Bharti Airtel, Canara Bank, Chennai Petroleum, Dr. Reddy's, Educomp Solutions, Federal Bank, Great Offshore, HT Media, ICICI Bank, IDEA Cellular, Indiabulls, Indraprastha Gas, Jet Airways, Jubilant Organosys, Kotak Mahindra Bank, Mahindra & Mahindra, Moser Baer India, Nagarjuna Construction, Omaxe, Orchid Chemicals & Pharmaceuticals, Ranbaxy, Reliance Capital, Reliance Industries, Reliance Infrastructure, Satyam Computers Services, Sesa Goa, Sun Pharmaceuticals, Tata Communications, Tech Mahindra, Tulip Telecom Ltd, TVS Motor, United Phosphorus, UTV Software Communications and Zee Entertainment. This position reflects information available as of the prior business day.

Within the past 12 months, Citigroup Global Markets Inc. or its affiliates has acted as manager or co-manager of an offering of securities of Bank of Baroda, Bharat Heavy, Canara Bank, CESC, Corporation Bank, EdelWeiss Capital, Everest Kanto Cylinder, GAIL, Gammon India, Gujarat State Petronet, Hindustan Petroleum, Indian Oil, Infrastructure Development Finance, Kotak Mahindra Bank, MTNL, National Aluminium, NTPC, Oil & Natural Gas, Oriental Bank of Commerce, Power Grid Corporation of India, Punjab National Bank, Puravankara Projects, Religare Enterprises, Sesa Goa, State Bank of India, Sterlite Industries (India), Suzlon Energy, Tata Steel and Union Bank Of India.

Citigroup Global Markets Inc. or its affiliates has received compensation for investment banking services provided within the past 12 months from ABB (India), ABG Shipyard, ACC, Andhra Bank, Areva T & D India, Ashok Leyland, AXIS Bank, Bank of Baroda, Bharat Heavy, Bharti Airtel, Canara Bank, CESC, Chennai Petroleum, Colgate Palmolive (India), Corporation Bank, DLF, Dr. Reddy's, EdelWeiss Capital, Everest Kanto Cylinder, Fortis Healthcare, GAIL, Gammon India, Glaxosmithkline Pharmaceutical, Glenmark Pharmaceuticals, Hindustan Petroleum, Hindustan Unilever, Hindustan Zinc, ICICI Bank, IDEA Cellular, Indiabulls, Indian Oil, Infrastructure Development Finance, IVRCL Infra & Projects, JSW Steel, Kotak Mahindra Bank, Larsen & Toubro, Maruti Suzuki India, Moser Baer India, Motilal Oswal Financial Services, Mphasis, MTNL, National Aluminium, Nestle India, NTPC, Oil & Natural Gas, Omaxe, Oriental Bank of Commerce, Petronet LNG, Power Grid Corporation of India, Punj Lloyd, Punjab National Bank, Puravankara Projects, Ranbaxy, Reliance Capital, Reliance Communications, Reliance Infrastructure, Religare Enterprises, Sesa Goa, State Bank of India, Sterlite Industries (India), Suzlon Energy, Tata Consultancy Services, Tata Steel, Union Bank Of India and Wipro.

Citigroup Global Markets Inc. or its affiliates expects to receive or intends to seek, within the next three months, compensation for investment banking services from Andhra Bank, Areva T & D India, Bank of Baroda, Bharat Heavy, Canara Bank, Chennai Petroleum, Corporation Bank, GAIL, Hindustan Petroleum, Hindustan Unilever, ICICI Bank, Indian Oil, Larsen & Toubro, MTNL, National Aluminium, NTPC, Oil & Natural Gas, Orchid Chemicals & Pharmaceuticals, Oriental Bank of Commerce, Petronet LNG, Power Grid Corporation of India, Punjab National Bank, State Bank of India and Union Bank Of India.

Citigroup Global Markets Inc. or an affiliate received compensation for products and services other than investment banking services from Aban Offshore, ABB (India), ACC, Ambuja Cements, Amtek Auto, Andhra Bank, Apollo Hospitals, Areva T & D India, Ashok Leyland, Asian Paints, AXIS Bank, Bank of Baroda, Bharat Forge, Bharat Heavy, Bharati Shipyard, Bharti Airtel, Biocon, Cadila Healthcare, Canara Bank, CESC, Chennai Petroleum, Cipla, Colgate Palmolive (India), Corporation Bank, Dabur India, DLF, Dr. Reddy's, EdelWeiss Capital, Educomp Solutions, EIH, Everest Kanto Cylinder, Federal Bank, Fortis Healthcare, GAIL, Gammon India, Glaxosmithkline Pharmaceutical, Glenmark Pharmaceuticals, Grasim Industries, Great Offshore, Gujarat Gas, HDFC Bank, Hero Honda, Hexaware Technologies, Hindustan Construction, Hindustan Petroleum, Hindustan Unilever, Hindustan Zinc, HT Media, ICICI Bank, IDEA Cellular, Indiabulls, Indian Hotels, Indian Oil, Infrastructure Development Finance, ITC, IVRCL Infra & Projects, Jaiprakash, Jet Airways, JSW Steel, Kotak Mahindra Bank, KPIT Cummins Infosystems, Larsen & Toubro, Mahindra & Mahindra, Marico, Maruti Suzuki India, MindTree Consulting, Moser Baer India, Motilal Oswal Financial Services, Mphasis, MTNL, Nagarjuna Construction, National Aluminium, Nestle India, NTPC, Oil & Natural Gas, Omaxe, Orchid Chemicals & Pharmaceuticals, Oriental Bank of Commerce, Patni Computer Systems, Petronet LNG, Piramal Healthcare, Power Grid Corporation of India, Punj Lloyd, Punjab National Bank, Puravankara Projects, Ranbaxy, Reliance Capital, Reliance Communications, Reliance Industries, Reliance Infrastructure, Religare Enterprises, Satyam Computers Services, Sesa Goa, Shoppers Stop, State Bank of India, Sterlite Industries (India), Sun Pharmaceuticals, Suzlon Energy, Tata Communications, Tata Consultancy Services, Tata Power, Tata Steel, Tata Tea, Tata Teleservices, Tech Mahindra, Thermax, Tulip Telecom Ltd, TVS Motor, UltraTech Cement, Union Bank Of India, Unitech, United Phosphorus, UTV Software Communi

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following company(ies) as investment banking client(s): ABB (India), ABG Shipyard, ACC, Andhra Bank, Apollo Hospitals, Areva T & D India, Ashok Leyland, AXIS Bank, Bank of Baroda, Bharat Heavy, Bharti Airtel, Canara Bank, CESC, Chennai Petroleum, Colgate Palmolive (India), Corporation Bank, DLF, Dr. Reddy's, EdelWeiss Capital, Everest Kanto Cylinder, Fortis Healthcare, GAlL, Gammon India, Glaxosmithkline Pharmaceutical, Glenmark Pharmaceuticals, Hindustan Petroleum, Hindustan Unilever, Hindustan Zinc, ICICI Bank, IDEA Cellular, Indiabulls, Indian Oil, Infrastructure Development Finance, IVRCL Infra & Projects, Jaiprakash, Jet Airways, JSW Steel, Kotak Mahindra Bank, Larsen & Toubro, Maruti Suzuki India, Moser Baer India, Motilal Oswal Financial Services, Mphasis, MTNL, National Aluminium, Nestle India, NTPC, Oil & Natural Gas, Omaxe, Orchid Chemicals & Pharmaceuticals, Oriental Bank of Commerce, Petronet LNG, Power Grid Corporation of India, Punj Lloyd, Punjab National Bank, Puravankara Projects, Ranbaxy, Reliance Capital, Reliance Communications, Reliance Industries, Reliance Infrastructure, Religare Enterprises, Sesa Goa, State Bank of India, Sterlite Industries (India), Suzlon Energy, Tata Consultancy Services, Tata Steel, Union Bank Of India and Wipro.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following company(ies) as clients, and the services provided were non-investment-banking, securities-related: Aban Offshore, ABB (India), ACC, Ambuja Cements, Amtek Auto, Andhra Bank, Apollo Hospitals, Areva T & D India, Ashok Leyland, Asian Paints, AXIS Bank, Bank of Baroda, Bharat Forge, Bharat Heavy, Bharti Airtel, Biocon, Cadila Healthcare, Canara Bank, CESC, Chennai Petroleum, Cipla, Corporation Bank, Dabur India, Dr. Reddy's, EdelWeiss Capital, EIH, Everest Kanto Cylinder, Federal Bank, Fortis Healthcare, GAIL, Gammon India, Glaxosmithkline Pharmaceutical, Glenmark Pharmaceuticals, Grasim Industries, Great Offshore, Gujarat Gas, HDFC Bank, Hero Honda, Hexaware Technologies, Hindustan Construction, Hindustan Petroleum, Hindustan Unilever, Hindustan Zinc, HT Media, ICICI Bank, IDEA Cellular, Indian Oil, Infrastructure Development Finance, ITC, Jaiprakash, Jet Airways, JSW Steel, Kotak Mahindra Bank, KPIT Cummins Infosystems, Larsen & Toubro, Mahindra & Mahindra, Marico, Maruti Suzuki India, Moser Baer India, Mphasis, MTNL, National Aluminium, Nestle India, NTPC, Oil & Natural Gas, Orchid Chemicals & Pharmaceuticals, Oriental Bank of Commerce, Patni Computer Systems, Piramal Healthcare, Power Grid Corporation of India, Punj Lloyd, Punjab National Bank, Ranbaxy, Reliance Capital, Reliance Communications, Reliance Industries, Reliance Infrastructure, Religare Enterprises, Satyam Computers Services, Sesa Goa, State Bank of India, Sterlite Industries (India), Sun Pharmaceuticals, Suzlon Energy, Tata Communications, Tata Consultancy Services, Tata Steel, Tata Teleservices, Tech Mahindra, Thermax, TVS Motor, UltraTech Cement, Union Bank Of India, Unitech, United Phosphorus, Voltas, Wipro and Yes Bank.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following company(ies) as clients, and the services provided were non-investment-banking, non-securities-related: ABB (India), ACC, Ambuja Cements, Amtek Auto, Andhra Bank, Apollo Hospitals, Areva T & D India, Ashok Leyland, Asian Paints, AXIS Bank, Bank of Baroda, Bharat Forge, Bharat Heavy, Bharati Shipyard, Bharti Airtel, Biocon, Cadila Healthcare, Canara Bank, CESC, Chennai Petroleum, Cipla, Colgate Palmolive (India), Corporation Bank, Dabur India, DLF, Dr. Reddy's, EdelWeiss Capital, Educomp Solutions, EIH, Everest Kanto Cylinder, Federal Bank, GAIL, Gammon India, Glaxosmithkline Pharmaceutical, Glenmark Pharmaceuticals, Grasim Industries, Great Offshore, Gujarat Gas, HDFC Bank, Hero Honda, Hexaware Technologies, Hindustan Construction, Hindustan Petroleum, Hindustan Unilever, Hindustan Zinc, HT Media, ICICI Bank, IDEA Cellular, Indiabulls, Indian Hotels, Indian Oil, Infrastructure Development Finance, ITC, IVRCL Infra & Projects, Jaiprakash, Jet Airways, JSW Steel, Kotak Mahindra Bank, KPIT Cummins Infosystems, Larsen & Toubro, Mahindra & Mahindra, Marico, Maruti Suzuki India, MindTree Consulting, Moser Baer India, Motilal Oswal Financial Services, Mphasis, MTNL, Nagarjuna Construction, National Aluminium, Nestle India, NTPC, Oil & Natural Gas, Omaxe, Orchid Chemicals & Pharmaceuticals, Oriental Bank of Commerce, Patni Computer Systems, Petronet LNG, Piramal Healthcare, Power Grid Corporation of India, Punj Lloyd, Punjab National Bank, Puravankara Projects, Ranbaxy, Reliance Capital, Reliance Communications, Reliance Industries, Reliance Infrastructure, Religare Enterprises, Satyam Computers Services, Sesa Goa, Shoppers Stop, State Bank of India, Sterlite Industries (India), Sun Pharmaceuticals, Suzlon Energy, Tata Communications, Tata Consultancy Services, Tata Power, Tata Steel, Tata Teleservices, Tech Mahindra, Thermax, Tulip Telecom Ltd, TVS Motor, UltraTech Cement, Union Bank Of India, Unitech, United Phosphorus, UTV S

Citigroup Global Markets Inc. or an affiliate received compensation in the past 12 months from Apollo Hospitals, Jaiprakash, State Bank of India, Sterlite Industries (India) and Tata Steel.

Analysts' compensation is determined based upon activities and services intended to benefit the investor clients of Citigroup Global Markets Inc. and its affiliates ("the Firm"). Like all Firm employees, analysts receive compensation that is impacted by overall firm profitability, which includes revenues from, among other business units, the Private Client Division, Institutional Sales and Trading, and Investment Banking.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Investment Research product ("the Product"), please contact Citi Investment Research, 388 Greenwich Street, 29th Floor, New York, NY, 10013, Attention: Legal/Compliance. In addition, the same important disclosures, with the exception of the Valuation and Risk assessments and historical disclosures, are contained on the Firm's disclosure website at www.citigroupgeo.com. Private Client Division clients should refer to www.smithbarney.com/research. Valuation and Risk assessments can be found in the text of the most recent research note/report regarding the subject company. Historical disclosures (for up to the past three years) will be provided upon request.

Citi Investment Research Ratings Distribution			
Data current as of 30 June 2008	Buy	Hold	Sell
Citi Investment Research Global Fundamental Coverage (3096)	50%	36%	14%
% of companies in each rating category that are investment banking clients	53%	52%	42%

Guide to Fundamental Research Investment Ratings:

Citi Investment Research's stock recommendations include a risk rating and an investment rating.

Risk ratings, which take into account both price volatility and fundamental criteria, are: Low (L), Medium (M), High (H), and Speculative (S).

Investment ratings are a function of Citi Investment Research's expectation of total return (forecast price appreciation and dividend yield within the next 12 months) and risk rating.

For securities in emerging markets (Asia Pacific, Emerging Europe/Middle East/Africa, and Latin America), investment ratings are: Buy (1) (expected total return of 15% or more for Low-Risk stocks, 20% or more for Medium-Risk stocks, 30% or more for High-Risk stocks, and 40% or more for Speculative stocks); Hold (2) (5%-15% for Low-Risk stocks, 10%-20% for Medium-Risk stocks, 15%-30% for High-Risk stocks, and 20%-40% for Speculative stocks); and Sell (3) (5% or less for Low-Risk stocks, 10% or less for Medium-Risk stocks, 15% or less for High-Risk stocks, and 20% or less for Speculative stocks).

Investment ratings are determined by the ranges described above at the time of initiation of coverage, a change in investment and/or risk rating, or a change in target price (subject to limited management discretion). At other times, the expected total returns may fall outside of these ranges because of market price movements and/or other short-term volatility or trading patterns. Such interim deviations from specified ranges will be permitted but will become subject to review by Research Management. Your decision to buy or sell a security should be based upon your personal investment objectives and should be made only after evaluating the stock's expected performance and risk.

Guide to Corporate Bond Research Credit Opinions and Investment Ratings: Citi Investment Research's corporate bond research issuer publications include a fundamental credit opinion of Improving, Stable or Deteriorating and a complementary risk rating of Low (L), Medium (M), High (H) or Speculative (S) regarding the credit risk of the company featured in the report. The fundamental credit opinion reflects the CIR analyst's opinion of the direction of credit fundamentals of the issuer without respect to securities market vagaries. The fundamental credit opinion is not geared to, but should be viewed in the context of, debt ratings issued by major public debt ratings companies such as Moody's Investors Service, Standard and Poor's, and Fitch Ratings. CBR risk ratings are approximately equivalent to the following matrix: Low Risk -- Triple A to Low Double A; Low to Medium Risk -- High Single A through High Triple B; Medium to High Risk -- Mid Triple B through High Double B; High to Speculative Risk -- Mid Double B and Below. The risk rating element illustrates the analyst's opinion of the relative likelihood of loss of principal when a fixed income security issued by a company is held to maturity, based upon both fundamental and market risk factors. Certain reports published by Citi Investment Research will also include investment ratings on specific issues of companies under coverage which have been assigned fundamental credit opinions and risk ratings. Investment ratings are a function of Citi

Investment Research's expectations for total return, relative return (relative to the performance of relevant Citi bond indices), and risk rating. These investment ratings are: Buy/Overweight -- the bond is expected to outperform the relevant Citigroup bond market sector index (Broad Investment Grade, High Yield Market or Emerging Market); Hold/Neutral Weight -- the bond is expected to perform in line with the relevant Citigroup bond market sector index; or Sell/Underweight -- the bond is expected to underperform the relevant Citigroup bond market sector index. Performance data for Citi bond indices are updated monthly, are available upon request and can also be viewed at http://sd.ny.ssmb.com/ using the "Indexes" tab.

OTHER DISCLOSURES

Citigroup Global Markets Inc. and/or its affiliates has a significant financial interest in relation to ABB (India), AXIS Bank, Bank of Baroda, Bharat Heavy, Bharti Airtel, Colgate Palmolive (India), Educomp Solutions, Everest Kanto Cylinder, Glaxosmithkline Pharmaceutical, HDFC Bank, ICICI Bank, Infrastructure Development Finance, ITC, Jaiprakash, JSW Steel, Kotak Mahindra Bank, Larsen & Toubro, NTPC, Oil & Natural Gas, Punj Lloyd, Ranbaxy, Reliance Communications, Reliance Industries, Reliance Infrastructure, Satyam Computers Services, State Bank of India, Sun Pharmaceuticals, Tata Steel, Union Bank Of India, Wipro and Yes Bank. (For an explanation of the determination of significant financial interest, please refer to the policy for managing conflicts of interest which can be found at www.citigroupgeo.com.)

Citigroup Global Markets Inc. or its affiliates beneficially owns 2% or more of any class of common equity securities of Amtek Auto, AXIS Bank, Bharat Heavy, Federal Bank, Great Offshore, HT Media, IDEA Cellular, Indraprastha Gas, Omaxe, Ranbaxy, Reliance Infrastructure, Satyam Computers Services, Sesa Goa, TVS Motor and UTV Software Communications.

Citigroup Global Markets Inc. or its affiliates beneficially owns 5% or more of any class of common equity securities of Andhra Bank, Bharati Shipyard, Educomp Solutions, Indiabulls, Jubilant Organosys and Tulip Telecom Ltd.

Citigroup Global Markets Inc. or its affiliates beneficially owns 10% or more of any class of common equity securities of Moser Baer India and Orchid Chemicals & Pharmaceuticals.

For securities recommended in the Product in which the Firm is not a market maker, the Firm is a liquidity provider in the issuers' financial instruments and may act as principal in connection with such transactions. The Firm is a regular issuer of traded financial instruments linked to securities that may have been recommended in the Product. The Firm regularly trades in the securities of the subject company(ies) discussed in the Product. The Firm may engage in securities transactions in a manner inconsistent with the Product and, with respect to securities covered by the Product, will buy or sell from customers on a principal basis.

Securities recommended, offered, or sold by the Firm: (i) are not insured by the Federal Deposit Insurance Corporation; (ii) are not deposits or other obligations of any insured depository institution (including Citibank); and (iii) are subject to investment risks, including the possible loss of the principal amount invested. Although information has been obtained from and is based upon sources that the Firm believes to be reliable, we do not guarantee its accuracy and it may be incomplete and condensed. Note, however, that the Firm has taken all reasonable steps to determine the accuracy and completeness of the disclosures made in the Important Disclosures section of the Product. The Firm's research department has received assistance from the subject company(ies) referred to in this Product including, but not limited to, discussions with management of the subject company(ies). Firm policy prohibits research analysts from sending draft research to subject companies. However, it should be presumed that the author of the Product has had discussions with the subject company to ensure factual accuracy prior to publication. All opinions, projections and estimates constitute the judgment of the author as of the date of the Product and these, plus any other information contained in the Product, are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice. Notwithstanding other departments within the Firm advising the companies discussed in this Product, information obtained in such role is not used in the preparation of the Product. Although Citi Investment Research does not set a predetermined frequency for publication, if the Product is a fundamental research report, it is the intention of Citi Investment Research to provide research coverage of the/those issuer(s) mentioned therein, including in response to news affecting this issuer, subject to applicable quiet periods and capacity constraints. The Product is for informational purposes only and is

Investing in non-U.S. securities, including ADRs, may entail certain risks. The securities of non-U.S. issuers may not be registered with, nor be subject to the reporting requirements of the U.S. Securities and Exchange Commission. There may be limited information available on foreign securities. Foreign companies are generally not subject to uniform audit and reporting standards, practices and requirements comparable to those in the U.S. Securities of some foreign companies may be less liquid and their prices more volatile than securities of comparable U.S. companies. In addition, exchange rate movements may have an adverse effect on the value of an investment in a foreign stock and its corresponding dividend payment for U.S. investors. Net dividends to ADR investors are estimated, using withholding tax rates conventions, deemed accurate, but investors are urged to consult their tax advisor for exact dividend computations. Investors who have received the Product from the Firm may be prohibited in certain states or other jurisdictions from purchasing securities mentioned in the Product from the Firm. Smith Barney clients can ask their Financial Advisor for additional details. Citigroup Global Markets Inc. takes responsibility for the Product in the United States. Any orders by US investors resulting from the information contained in the Product may be placed only through Citigroup Global Markets Inc.

The Citigroup legal entity that takes responsibility for the production of the Product is the legal entity which the first named author is employed by. The Product is made available in Australia to wholesale clients through Citigroup Global Markets Australia Pty Ltd. (ABN 64 003 114 832 and AFSL No. 240992) and to retail clients through Citi Smith Barney Pty Ltd. (ABN 19 009 145 555 and AFSL No. 240813), Participants of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Australia to Private Banking wholesale clients through Citigroup Pty Limited (ABN 88 004 325 080 and AFSL 238098). Citigroup Pty Limited provides all financial product advice to Australian Private Banking wholesale clients through bankers and relationship managers. If there is any doubt about the suitability of investments held in Citigroup Private Bank accounts, investors should contact the Citigroup Private Bank in Australia. Citigroup companies may compensate affiliates and their representatives for providing products and services to clients. The Product is made available in Brazil by Citigroup Global Markets Brasil - CCTVM SA, which is regulated by CVM - Comissão de Valores Mobiliários, BACEN - Brazilian Central Bank, APIMEC - Associação Associação dos Analistas e Profissionais de Investimento do Mercado de Capitais and ANBID - Associação Nacional dos Bancos de Investimento. Av. Paulista, 1111 - 11º andar - CEP. 01311920 - São Paulo - SP. If the Product is being made available in certain provinces of Canada by Citigroup Global Markets (Canada) Inc. ("CGM Canada"), CGM Canada has approved the Product. Citigroup Place, 123 Front Street West, Suite 1100, Toronto, Ontario M5J 2M3. The Product is made available in France by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 1-5 Rue Paul Cézanne, 8ème, Paris, France. The Product may not be distributed to private clients in Germany. The Product is distributed in Germany by Citigroup Global Markets Deutschland AG & Co. KGaA, which is regulated by Bundesanstalt fuer Finanzdienstleistungsaufsicht (BaFin). Frankfurt am Main, Reuterweg 16, 60323 Frankfurt am Main. If the Product is made available in Hong Kong by, or on behalf of, Citigroup Global Markets Asia Ltd., it is attributable to Citigroup Global Markets Asia Ltd., Citibank Tower, Citibank Plaza, 3 Garden Road, Hong Kong. Citigroup Global Markets Asia Ltd. is regulated by Hong Kong Securities and Futures Commission. If the Product is made available in Hong Kong by The Citigroup Private Bank to its clients, it is attributable to Citibank N.A., Citibank Tower, Citibank Plaza, 3 Garden Road, Hong Kong. The Citigroup Private Bank and Citibank N.A. is regulated by the Hong Kong Monetary Authority. The Product is made available in India by Citigroup Global Markets India Private Limited, which is regulated by Securities and

Exchange Board of India. Bakhtawar, Nariman Point, Mumbai 400-021. The Product is made available in Indonesia through PT Citigroup Securities Indonesia. 5/F, Citibank Tower, Bapindo Plaza, Jl. Jend. Sudirman Kav. 54-55, Jakarta 12190. Neither this Product nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable capital market laws and regulations. This Product is not an offer of securities in Indonesia. The securities referred to in this Product have not been registered with the Capital Market and Financial Institutions Supervisory Agency (BAPEPAM-LK) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market laws and regulations. The Product is made available in Italy by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. Foro Buonaparte 16, Milan, 20121, Italy, If the Product was prepared by Citi Investment Research and distributed in Japan by Nikko Citigroup Limited ("NCL"), it is being so distributed under license. If the Product was prepared by NCL and distributed by Nikko Cordial Securities Inc. or Citigroup Global Markets Inc. it is being so distributed under license. NCL is regulated by Financial Services Agency, Securities and Exchange Surveillance Commission, Japan Securities Dealers Association, Tokyo Stock Exchange and Osaka Securities Exchange. Shin-Marunouchi Building, 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6520 Japan. In the event that an error is found in an NCL research report, a revised version will be posted on Citi Investment Research's Global Equities Online (GEO) website. If you have questions regarding GEO, please call (81 3) 6270-3019 for help. The Product is made available in Korea by Citigroup Global Markets Korea Securities Ltd., which is regulated by Financial Supervisory Commission and the Financial Supervisory Service. Hungkuk Life Insurance Building, 226 Shinmunno 1-GA, Jongno-Gu, Seoul, 110-061. The Product is made available in Malaysia by Citigroup Global Markets Malaysia Sdn Bhd, which is regulated by Malaysia Securities Commission. Menara Citibank, 165 Jalan Ampang, Kuala Lumpur, 50450. The Product is made available in Mexico by Acciones y Valores Banamex, S.A. De C. V., Casa de Bolsa, which is regulated by Comision Nacional Bancaria y de Valores. Reforma 398, Col. Juarez, 06600 Mexico, D.F. In New Zealand the Product is made available through Citigroup Global Markets New Zealand Ltd. (Company Number 604457), a Participant of the New Zealand Exchange Limited and regulated by the New Zealand Securities Commission. Level 19, Mobile on the Park, 157 Lambton Quay, Wellington. The Product is made available in Pakistan by Citibank N.A. Pakistan branch, which is regulated by the State Bank of Pakistan and Securities Exchange Commission, Pakistan. AWT Plaza, 1.1. Chundrigar Road, P.O. Box 4889, Karachi-74200. The Product is made available in Poland by Dom Maklerski Banku Handlowego SA an indirect subsidiary of Citigroup Inc., which is regulated by Komisja Papierów Wartosciowych i Gield. Bank Handlowy w Warszawie S.A. ul. Senatorska 16, 00-923 Warszawa. The Product is made available in the Russian Federation through ZAO Citibank, which is licensed to carry out banking activities in the Russian Federation in accordance with the general banking license issued by the Central Bank of the Russian Federation and brokerage activities in accordance with the license issued by the Federal Service for Financial Markets. Neither the Product nor any information contained in the Product shall be considered as advertising the securities mentioned in this report within the territory of the Russian Federation or outside the Russian Federation. The Product does not constitute an appraisal within the meaning of the Federal Law of the Russian Federation of 29 July 1998 No. 135-FZ (as amended) On Appraisal Activities in the Russian Federation. 8-10 Gasheka Street, 125047 Moscow. The Product is made available in Singapore through Citigroup Global Markets Singapore Pte. Ltd., a Capital Markets Services Licence holder, and regulated by Monetary Authority of Singapore. 1 Temasek Avenue, #39-02 Millenia Tower, Singapore 039192. The Product is made available by The Citigroup Private Bank in Singapore through Citibank, N.A., Singapore branch, a licensed bank in Singapore that is regulated by Monetary Authority of Singapore. Citigroup Global Markets (Pty) Ltd. is incorporated in the Republic of South Africa (company registration number 2000/025866/07) and its registered office is at 145 West Street, Sandton, 2196, Saxonwold. Citigroup Global Markets (Pty) Ltd. is regulated by JSE Securities Exchange South Africa, South African Reserve Bank and the Financial Services Board. The investments and services contained herein are not available to private customers in South Africa. The Product is made available in Spain by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 29 Jose Ortega Y Gassef, 4th Floor, Madrid, 28006, Spain. The Product is made available in Taiwan through Citigroup Global Markets Taiwan Securities Company Ltd., which is regulated by Securities & Futures Bureau. No portion of the report may be reproduced or quoted in Taiwan by the press or any other person. No. 8 Manhattan Building, Hsin Yi Road, Section 5, Taipei 100, Taiwan. The Product is made available in Thailand through Citicorp Securities (Thailand) Ltd., which is regulated by the Securities and Exchange Commission of Thailand. 18/F, 22/F and 29/F, 82 North Sathorn Road, Silom, Bangrak, Bangkok 10500, Thailand. The Product is made available in Turkey through Citibank AS which is regulated by Capital Markets Board. Tekfen Tower, Eski Buyukdere Caddesi # 209 Kat 2B, 23294 Levent, Istanbul, Turkey. The Product is made available in U.A.E. by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. DIFC, Bldg 2, Level 7, PO Box 506560, Dubai, UAE. The Product is made available in United Kingdom by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. This material may relate to investments or services of a person outside of the UK or to other matters which are not regulated by the FSA and further details as to where this may be the case are available upon request in respect of this material. Citigroup Centre, Canada Square, Canary Wharf, London, E14 5LB. The Product is made available in United States by Citigroup Global Markets Inc, which is regulated by NASD, NYSE and the US Securities and Exchange Commission. 388 Greenwich Street, New York, NY 10013. Unless specified to the contrary, within EU Member States, the Product is made available by Citigroup Global Markets Limited, which is regulated by Financial Services Authority. Many European regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of investment research. The policy applicable to Citi Investment Research's Products can be found at www.citigroupgeo.com. Compensation of equity research analysts is determined by equity research management and Citigroup's senior management and is not linked to specific transactions or recommendations. The Product may have been distributed simultaneously, in multiple formats, to the Firm's worldwide institutional and retail customers. The Product is not to be construed as providing investment services in any jurisdiction where the provision of such services would not be permitted. Subject to the nature and contents of the Product, the investments described therein are subject to fluctuations in price and/or value and investors may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Certain investments contained in the Product may have tax implications for private customers whereby levels and basis of taxation may be subject to change. If in doubt, investors should seek advice from a tax adviser. The Product does not purport to identify the nature of the specific market or other risks associated with a particular transaction. Advice in the Product is general and should not be construed as personal advice given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs. Prior to acquiring any financial product, it is the client's responsibility to obtain the relevant offer document for the product and consider it before making a decision as to whether to purchase the product.

© 2008 Citigroup Global Markets Inc. (© Nikko Citigroup Limited, if this Product was prepared by it). Citi Investment Research is a division and service mark of Citigroup Global Markets Inc. and its affiliates and is used and registered throughout the world. Citi and Citi with Arc Design are trademarks and service marks of Citigroup Inc and its affiliates and are used and registered throughout the world. Nikko is a registered trademark of Nikko Cordial Corporation. All rights reserved. Any unauthorized use, duplication, redistribution or disclosure is prohibited by law and will result in prosecution. Where included in this report, MSCI sourced information is the exclusive property of Morgan Stanley Capital International Inc. (MSCI). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, redisseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI, Morgan Stanley Capital International and the MSCI indexes are services marks of MSCI and its affiliates. The Global Industry Classification Standard (GICS) was developed by and is the exclusive property of Morgan Stanley Capital International Inc and Standard & Poor's, GICS is a service mark of MSCI and S&P and has

India Equity Strategy

1 October 2008

been licensed for use by Citi. The information contained in the Product is intended solely for the recipient and may not be further distributed by the recipient. The Firm accepts no liability whatsoever for the actions of third parties. The Product may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the Product refers to website material of the Firm, the Firm has not reviewed the linked site. Equally, except to the extent to which the Product refers to website material of the Firm, the Firm takes no responsibility for, and makes no representations or warranties whatsoever as to, the data and information contained therein. Such address or hyperlink (including addresses or hyperlinks to website material of the Firm) is provided solely for your convenience and information and the content of the linked site does not in anyway form part of this document. Accessing such website or following such link through the Product or the website of the Firm shall be at your own risk and the Firm shall have no liability arising out of, or in connection with, any such referenced website.

ADDITIONAL INFORMATION IS AVAILABLE UPON REQUEST