

Company

19 March 2010 | 14 pages

Fortis Healthcare (FOHE.BO)

Sell: Quality but Expensive

- Gaining Scale In this note, we take stock of the two large acquisitions done by Fortis in the last few months – ten hospitals from Wockhardt Hospitals (WHL) and 23.9% stake in Parkway Holdings – which has made it the largest hospital group from India. While we believe the former is a good, synergistic deal and attractively valued, the latter appears quite expensive and potentially dilutive in the near term.
- Raising Estimates & TP We raise our FY11/12 EBIDTA estimates by 33%/44%, as we add the hospitals acquired from WHL into our numbers. We also raise TP to Rs145 (from Rs110), based on 16x FY11E EBIDTA. We continue to like the Indian healthcare delivery story and believe that Fortis is well positioned to grow. However at 22x FY11E EBIDTA, we find the stock expensive. We maintain our Sell/Medium Risk (3M) rating.
- WHL Hospitals Provides Scale & Pan-India Presence The 10 hospitals acquired from WHL provides scale (operating beds up 73%, revenues up 49%, EBITDA up 54%) and access to key cities such as Mumbai, Bengaluru & Kolkata. We expect these hospitals to contribute 30% & 33% of revenues and 34% & 36% of EBITDA in FY11E & 12E respectively. They also provide access to much wider talent pool, as well as scope to exploit synergies in purchase & supply management, marketing, training & development and project implementation.
- Parkway: Good Asset But Expensive Fortis' move to buy TPG Capital's stake in Parkway reveals its ambition to be a serious player in international markets. While Parkway is a high quality asset with strong growth prospects, the acquisition appears expensive at c21x CY11E EBIDTA. While Fortis gets management control, we see few direct synergies between the two entities beyond sharing multispecialty capabilities and medical know-how, access to cutting edge technology in stem cell therapy and organ transplantation.

Year to	Net Profit	Diluted EPS	EPS growth	P/E	P/B	ROE	Yield
31 Mar	(RsM)	(Rs)	(%)	(x)	(x)	(%)	(%)
2008A	-376	-1.66	70.5	nm	3.6	-5.0	0.0
2009A	145	0.64	138.5	nm	3.8	1.3	0.0
2010E	643	2.03	216.9	87.5	2.6	4.0	0.0
2011E	1,282	4.04	99.3	43.9	2.5	5.8	0.0
2012E	2,063	6.50	61.0	27.3	2.3	8.7	0.0

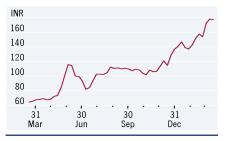
See Appendix A-1 for Analyst Certification and important disclosures.

Citi Investment Research & Analysis 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.

Equity 교 Target price change 교 Estimate change 교

3 M
Rs177.35
Rs145.00
-18.2%
0.0%
-18.2%
Rs56,277M
US\$1,238M

Price Performance (RIC: FOHE.BO, BB: FORH IN)



Prashant Nair, CFA

+91-22-6631-9855 prashant.nair@citi.com

Akshay Rai akshay.rai@citi.com

Fiscal year end 31-Mar	2008	2009	2010E	2011E	2012E
Valuation Ratios					
P/E adjusted (x)	nm	nm	87.5	43.9	27.3
EV/EBITDA adjusted (x)	nm	70.5	41.3	21.4	15.9
P/BV (x)	3.6	3.8	2.6	2.5	2.3
Dividend yield (%)	0.0	0.0	0.0	0.0	0.0
Per Share Data (Rs)					
EPS adjusted	-1.66	0.64	2.03	4.04	6.50
EPS reported	-2.45	0.92	2.03	4.04	6.50
BVPS	49.60	47.21	67.17	71.20	77.71
DPS	0.00	0.00	0.00	0.00	0.00
Profit & Loss (RsM)					
Net sales	5,071	6,305	9,125	15,535	20,308
Operating expenses	-5,331	-5,934	-8,156	-13,586	-17,387
EBIT	-260	371	969	1,949	2,921
Net interest expense	-555	-437	-352	-595	-665
Non-operating/exceptionals	230	347	200	220	242
Pre-tax profit	-584	282	817	1,574	2,498
Tax	-16	-41	-123	-236	-375
Extraord./Min.Int./Pref.div.	45 - 555	-32 208	-52 643	-57	-60
Reported net income Adjusted earnings	-355 -376	2 00 145	643	1,282	2,063
Adjusted EBITDA	-378	859	1,502	1,282 3,004	2,063 4,126
Growth Rates (%)	205	000	1,502	5,004	4,120
Sales	-2.4	24.3	44.7	70.2	30.7
EBIT adjusted	-2.4	24.3	161.1	101.2	49.9
EBITDA adjusted	-62.4	243.0 311.5	75.0	99.9	43.5 37.4
EPS adjusted	70.5	138.5	216.9	99.3	61.0
Cash Flow (RsM)					
Operating cash flow	121	485	446	2,296	3,446
Depreciation/amortization	468	487	533	1,054	1,205
Net working capital	-101	684	-867	-249	-119
Investing cash flow	-2,008	-966	-13,000	-4,000	-4,000
Capital expenditure	-1,119	-937	-13,000	-4,000	-4,000
Acquisitions/disposals	0	0	0	0	0
Financing cash flow	1,885	923	13,179	1,000	1,000
Borrowings	-2,261 0	1,010 0	3,210 0	1,000 0	1,000 0
Dividends paid Change in cash	- 2	442	624	- 704	446
	2	112	024	704	110
Balance Sheet (RsM)	17.010	10 100	00 575	07 000	41 700
Total assets	17,016	18,169	32,575	37,038	41,783
Cash & cash equivalent Accounts receivable	161 959	579 1,335	1,187 1,916	493 2,796	986 3,656
Net fixed assets	959 9,533	1,555	1,916	2,796 21,457	24,252
Total liabilities	5,558	7,253	11,011	14,127	16,702
Accounts payable	1,245	1,935	2,484	4,599	6,174
Total Debt	3,755	4,790	8,000	9,000	10,000
Shareholders' funds	11,458	10,917	21,563	22,912	25,081
Profitability/Solvency Ratios (%)					
EBITDA margin adjusted	4.1	13.6	16.5	19.3	20.3
ROE adjusted	-5.0	1.3	4.0	5.8	8.7
ROIC adjusted	-2.2	2.2	3.9	5.7	7.8
Net debt to equity	31.4	38.6	31.6	37.1	35.9
Total debt to capital	24.7	30.5	27.1	28.2	28.5

For further data queries on Citi's full coverage universe please contact CIR Data Services Asia Pacific at CIRDataServicesAsiaPacific@citi.com or +852-2501-2791



Quality but Expensive

We take stock of the two large acquisitions done by Fortis Healthcare in the last few months – ten hospitals from Wockhardt Hospitals (WHL) and 23.9% stake in Parkway Holdings – which has made it the largest hospital group from India. While we believe the former is a good, synergistic deal and attractively valued, the latter appears quite expensive and potentially dilutive in the near term.

We raise our sales & EBIDTA estimates over FY11-12, as we add the hospitals acquired from WHL into our numbers. We also raise target price to Rs145/share, based on 16x FY11E EBIDTA. We continue to like the Indian healthcare delivery story and believe that Fortis is well positioned to grow; however, at current valuations (22x FY11E & 16x FY12E EBIDTA), we find the stock expensive. We maintain our Sell rating.

Inorganic Leap

Fortis has made two large acquisitions (10 hospitals from WHL & 23.9% stake in Parkway Holdings) in FY10 and, in the process, evolving from a medium sized regional player to a large group with interests across India and Asia. In our view, the WHL hospitals gave it a presence in key cities of Mumbai, Bengaluru & Kolkata, came at attractive valuations & would be accretive from the outset. On the other hand, while we view Parkway as a great asset, we believe valuations are on the high side and financial synergies are limited. The former was funded by a Rs10bn rights issue while the latter would also need a fair infusion of fresh equity and some incremental going forward.

Parkway – Going International

Fortis has signed a definitive agreement to acquire TPG Capital's 23.9% stake in Parkway Holdings (Singapore) for US\$685.3m. Post the acquisition, it also plans to seek four seats on the board and nominate its current Chairman, Mr Malvinder Singh, as the Chairman of Parkway. This represents the first step in Fortis' plans to become an international player. It intends to look for opportunities in Asia as well as outside the continent in future.

About Parkway

Parkway is one of Asia's leading healthcare providers, with a presence in Singapore (1,022 beds), Malaysia (1,900 beds), India (425 beds), UAE (260 beds), Brunei (20 beds) & China (14 beds). It also has a GP clinic network (Parkway Shenton) and provides radiology (through Medi-Rad Associates) and laboratory (through Parkway Laboratory Services) services. Besides, it owns a 35.4% stake in Parkway Life REIT, which invests in healthcare / healthcare related real estate assets.

In CY09, it had revenues, EBITDA & rec. PAT of S\$979m, S\$194m & S\$118m respectively. Citi analyst, Horng Han Low, expects Parkway Holdings to report revenues of S\$1.15bn & S\$1.25bn and net profit of S\$137m & S\$154m in CY10E &11E respectively.

Two acquisitions – one accretive, one dilutive

First step in achieving its global ambition

A good quality asset

Fortis Healthcare (FOHE.BO) 19 March 2010

Singapore accounts for c66% of Parkway's topline – mature market, steady	Figure 1.	Parkway – Summar	y of Hospitals	Operations		
growth	<u>Country</u>	No. of Hospitals	No. of beds	Comments		
Malaysia (thru 40% stake in Pantai) – accounts for 26% of revenues – is a key	Singapore	3 (operational) + 1 (under construction)	1,022	Owns 3 three private hospitals in Singapore. Is setting up a new 350 bed hospital (under construction). Singapore contributes c66% of Parkway's revenues.		
growth driver going forward	Malaysia	8 (operational) + 5 (planned)	Owns 40% in Pantai Holdings - Malaysia's largest private healthcare provider with 8 hospitals. This region is a key driver, given the company's plans for five more hospitals (~1000 beds), as it looks to boost its market share from 25% to 40%. This region accounts for 26% of Parkway's revenues.			
	India	1 (operational)+ 1 (under construction)	425	Apollo Gleneagles Hospital in Kolkata – a 50:50 JV with Apollo Hospitals. Setting up a cancer centre at Gleneagles - expected to be operational in Mar '10. Also setting up a 500 bed hospital in Mumbai, through a 50:50 JV with Koncentric Investments. Accounts for c6% of Parkway's topline.		
	UAE	1 (under construction)	260	A 260 bed women & children hospital - Design works in progress, construction expected to begin in 1QCY10		
	Brunei	1 (operational)	20	The hospital houses a cardiac centre & an out patient facility		
	China	2 (operational)	14	Two primary care centers in Shanghai		
	Source: Co	mpany Reports and (Citi Investment	Research and Analysis		
Limited presence in India	healthc Jan 201 reflecte plannin Parkwa Hospita evolve c manage inheren	are providers to .0, <u>Stronger Ea</u> d in Parkway's g to set up five y's presence in Is – Apollo Gler on this front after ement has indic t conflict of inte	o significan rnings and aggressive more hosp India is lin neagles in l er Fortis ge cated that ti erest, with	eent [in Malaysia] is conducive for private tly increase patient load" (see note dated 4 Activities in the Pipeline). This is also expansion plans in Malaysia, where it is itals. hited and is mainly through its JV with Apollo Kolkata. It will be interesting to see how things its management control. While the hings will continue as before, we see an Fortis setting up a large hospital of its own 7 bed hospital in Kolkata.		
	What	does Fortis	gain?			
Leading presence in Asia & sharing of multi-specialty capabilities	The deal makes Fortis the largest Indian healthcare company and a leading player in Asia, with a network (owned & managed) of 62 hospitals and 10,000 beds – giving them a Pan-Asia platform for future growth.					
	a few in medical organ tr in other	tangible upside know-how, act ansplantation.	es in the fo cess to cut It would al . There is a	pecially in terms of financials, there are quite rm of sharing multi-specialty capabilities and ting edge technology in stem cell therapy and so give additional visibility to the Fortis brand also limited geographic overlap between the		
Limited financial synergies				any material upside being realized through		

cost saving / operational synergies, given that Parkway is already a well run

Deal valuation builds in strategic control – potentially dilutive in near term

	CY10E	CY11E
EV/Sales (x)	4.2	3.9
EV/EBITDA (x)	22.9	20.9
P/E (x)	29.4	26.1

Significant equity dilution on the cards

856 beds currently operational at the eight commercialized hospitals – expansion plans (512 beds) in progress, primarily at Mulund & BG Road hospitals

The hospital at Sarat Bose Road, Kolkata is a secondary care hospital specializing in dental and ophthalmology procedures – primarily an outpatient facility

The Kolkata hospitals are Fortis' first foray into East India

business, there is not much geographical overlap and the basic nature of the hospitals business (limited linkages between different hospitals).

Stretched Valuations

The deal values Parkway at US\$2.8bn and works out to EV / EBIDTA of 23x CY10E & 21x CY11E based on Citi estimates of CY10 & CY11 EBIDTA. The steep valuations possibly reflect the intangible upsides and the strategic control that Fortis hopes to gain from the acquisition. However, given the limited ability to improve operations in Parkway and the price paid, we expect the acquisition to be dilutive in the near term. Parkway has also not been growing fast in the past (sales & EBIDTA CAGRs of 15% & 9% respectively over CY05-09) and we do not expect any significant change in this trend going forward.

Funding – Mainly Equity

The outlay of US\$685.3m is quite high in relation to Fortis' balance sheet. Fortis has indicated that a significant portion of this amount would be raised through issue of fresh equity / equity-linked instruments. It has board approval to raise up to Rs12.5bn through issue of equity / equity linked instruments. Besides, it also has c90m worth of warrants outstanding (issued as a part of the rights issue – one warrant for every share issued), which it can call on. Any shortfall beyond this is likely to be made up by raising fresh debt. Fortis expects to remain within the 1:1 debt equity range, post the transaction.

In the interim, Fortis plans to fund the acquisition through bridge loans of Rs2.5bn. We believe that the proposed equity dilution would be quite significant given Fortis' current market capitalization and could remain a technical overhang on the stock.

Wockhardt Acquisition – Scale & Presence

Fortis has purchased, from Wockhardt Hospitals, ten hospitals (two of which are under construction) – two in Mumbai, five in Bengaluru and three in Kolkata – for an EV of Rs9.1bn (incl. Rs1.9bn for those under construction). Most of the management and clinical team in these hospitals have also moved over to Fortis.

Figure 3. Hospitals Acquired by Fortis from WHL

City	Location	Bed Capacity
Existing		
Mumbai	Mulund	567
Mumbai	Kalyan	60
Bengaluru	BG Road	451
Bengaluru	Cunningham Road	128
Bengaluru	Chord Road	40
Bengaluru	Nagar Bhavi	55
Kolkata	Rashbehari Avenue	67
Kolkata	Sarat Bose Road	-
Total Existing Bed Capacity	(856 operational)	1,368
Under Construction	· · · ·	
Bengaluru	Yeshwantpura	120
Kolkata	Anandpur	414
Total Bed Capacity	·	1,902

Source: Company Reports

What does Fortis gain?

Pan Indian presence

Fortis' presence (prior to this deal) was primarily restricted to North India (primarily the National Capital Region). This deal will change that by giving it access to other high potential markets such as Mumbai (West), Bengaluru (South) & Kolkata (East) through a set of well run hospitals. We expect this deal to help Fortis emerge as a well known pan Indian healthcare delivery player.

Figure 4. Bed Capacity - Region wise Distribution*

	North Zone (NCR, Punjab, Rajasthan)		, West & Central (Maharashtra, Gujarat, Chhattisgarh)		South Zone (AP, TN, Karnataka, Kerala)					Total
	Hospitals	Beds	Hospitals	Beds	Hospitals	Beds	Hospitals	Beds	Hospitals	Beds
Fortis Network	13	2,312	3	480	2	350	-	-	18	3,142
Acquired from Wockhardt	-	-	2	627	5	794	3	481	10	1,902
Total	13	2,312	5	1,107	7	1,144	3	481	28	5,044

Source: Company Reports *includes own & managed bed capacity - including planned projects in WHL (operational bed count would be lower)

Figure 5. Employee Count (pre/post acquisition) 4,500 Fortis Wockhardt 4,000 3.500 3,000 2,500 725 2.000 1,500 674 1,000 500 Doctors Nurses Paramedical Execs & Staff

Source: Company Reports

Scale

Post the acquisition, Fortis is the leading private healthcare provider in 7 states viz. Delhi, Maharashtra, Karnataka, Punjab, Haryana, Rajasthan and Uttar Pradesh. Besides bed capacity (see Figure 3), the deal also materially enhances the number of operating beds (up 73%), revenues (up 49%) and EBIDTA (up 54%), according the company. Beyond financials, it also gives it a much wider talent pool – in terms of doctors and nurses – and scope to exploit synergies in the areas of purchase & supply management, marketing, training & development and project implementation.

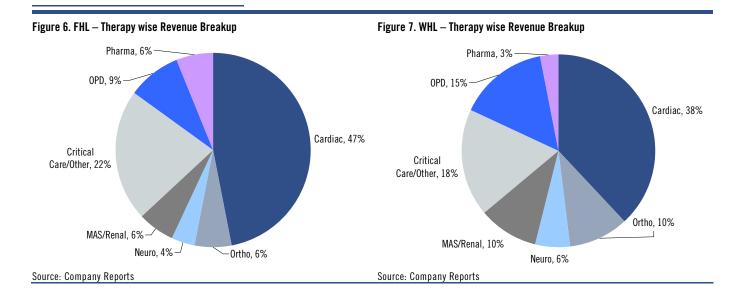


Figure				
1.641.0	•••	 	 	

	FY10E	FY11E	FY12E
Revenues (Rs m	ı)		
New	9,125	15,535	20,308
Old	8,661	11,071	13,144
Change (%)	5%	40%	55%
EBITDA (Rs m)			
New	1,502	3,004	4,126
Old	1,554	2,254	2,871
Change (%)	-3%	33%	44%
Net Profit (Rs m	1)		
New	643	1,282	2,063
Old	575	1,028	1,442
Change (%)	12%	25%	43%
EPS (Rs)			
New	2.0	4.0	6.5
Old	2.5	4.5	6.4
Change (%)	-20%	-11%	2%

Source: CIRA estimates

Earnings & Target Price Revision

We incorporate the WHL acquisition into our forecasts. We have not yet included Parkway Holdings and intend to do so once the deal is closed. Our revised estimates reflect the following key changes:

- Our revenue estimates are higher by 5%, 40% & 55%, primarily on the back of the hospitals acquired from WHL (see detailed revenue break up in Figure 13). We expect Wockhardt to contribute to 30% & 33% of overall revenues in FY11 & FY12 respectively. We have marginally lowered our estimates for the Fortis set of hospitals as they were tracking behind our estimates in 9MFY10.
- Our EBITDA estimates are lower by 3% in FY10, due to lower than expected profitability in several key hospitals, including Escorts Faridabad & Escorts Amritsar. Our EBITDA estimates are higher by 33% & 44% in FY11 & FY12 due to the full impact of Wockhardt acquisition. We expect the acquired hospitals to contribute 34% & 36% of overall EBITDA in FY11 & 12E respectively. However, we have lowered our estimates from the Fortis group of hospitals given the trend in 9MFY10.
- Our net profit estimates are 12%, 25% & 43% higher for FY10, FY11 and FY12 respectively – bottomline is dragged down by higher interest and depreciation post the Wockhardt acquisition. Our EPS estimates are lower by 20% & 11% over FY10E & FY11E and higher by 2% in FY12E respectively due to the higher share count post the rights issue.

Raising Target Price to Rs145/share

We raise our target price on Fortis to Rs145/share, as we roll forward to March '11E EBITDA and raise our target multiple to 16x from 15x earlier. We believe Fortis' greater scale and geographical diversification post the WHL hospitals acquisition merit a higher multiple.

While we remain positive on the business, we believe the stock is on the expensive side – leading us to maintain our Sell rating.

Figure 9. Global Hospitals Valuations Map

		CIR	Price*	M Cap		P/E		E	V/EBITDA		EPS CAGR	EBITDA CAGR	RoCE	RoE
Company	RIC	Rating	18-Mar-10	US\$m	FY10E	FY11E	FY12E	FY10E	FY11E	FY12E	('10-12E)	('10-12E)		
Parkway	PARM.SI	1L	3.2	2,615	31.3	26.7	23.7	22.0	19.9	18.1	14.9%	10.2%	6.0%	8.8%
Tenet Health	THC.N	2S	5.7	2,723	43.6	30.2	23.7	6.6	6.3	5.9	35.7%	5.8%	9.4%	82.0%
Health Mgmt Assc.	HMA.N	1H	8.1	2,024	16.3	13.6	11.7	7.2	6.8	6.3	18.1%	7.4%	9.1%	77.2%
LifePoint Hosp.	LPNT.0	1M	35.6	1,954	14.3	13.2	12.4	6.8	6.2	5.7	7.6%	8.8%	7.1%	8.0%
Community Health	CYH.N	1H	37.6	3,501	14.1	12.3	10.8	7.4	6.8	6.4	14.3%	7.7%	7.8%	16.6%
Bumrungrad	BH.BK	NR	31.0	699	21.5	17.5	15.8	17.4	10.0	9.0	16.6%	39.4%	N/A	24.1%
Bangkok Dusit	BGH.BK	NR	24.8	936	17.5	15.5	13.6	18.4	7.5	6.5	13.3%	68.6%	N/A	12.4%
Bangkok Chain	KH.BK	NR	5.2	265	12.6	11.9	11.2	9.8	6.4	5.8	6.0%	30.1%	N/A	21.1%
Healthscope	HSP.AX	2M	4.3	1,267	14.1	12.5	13.4	10.8	8.1	7.5	2.5%	20.5%	9.0%	8.8%
Ramsay Health	RHC.AX	1M	13.5	2,511	22.2	18.2	16.0	11.8	9.4	7.9	17.7%	22.5%	9.6%	15.6%
Apollo Hospitals	APLH.BO	1 M	716.5	973	27.7	22.3	18.1	12.8	12.0	10.3	23.7%	11.8%	8.4%	10.3%
Fortis Healthcare	FOHE.BO	3M	177.4	1,238	87.5	43.9	27.3	42.0	21.6	15.8	79.1%	65.7%	6.1%	5.5%
	FORTIS HEALINCARE FUHL.BU 3M 177.4 1,238 87.5 43.9 27.3 42.0 21.6 13.8 79.1% Source: IBES estimates for Not Rated (NR) stocks, Citi Investment Research and Analysis estimates											*in local		

Financials

Figure 10. Fortis Healthcare – Consolidated P&L (Rs m, %)

	FY09	FY10E	FY11E	FY12E
Revenues	6,305	9,125	15,535	20,308
Operating Expenses	5,447	7,623	12,531	16,183
EBITDA	859	1,502	3,004	4,126
EBITDA Margin (%)	13.6	16.5	19.3	20.3
Interest	437	352	595	665
Depreciation/Amortisation	487	533	1,054	1,205
Other Income	284	200	220	242
PBT	219	817	1,574	2,498
Tax	41	123	236	375
Profit After Tax	177	695	1,338	2,123
Exceptional Items	63	-	-	-
MI/Share of Associates Profit	(32)	(52)	(57)	(60)
Reported PAT	208	643	1,282	2,063

Source: Company, Citi Investment Research and Analysis estimates

Figure 11. Fortis Healthcare – Consolidated Balance Sheet (Rs m)

	FY09	FY10E	FY11E	FY12E
Share Capital	2,387	3,291	3,291	3,291
Reserves and Surplus	10,799	19,863	19,863	19,863
Shareholders Funds	13,186	23,154	23,154	23,154
Loan Funds	4,790	8,000	9,000	10,000
Minority Interest	216	250	317	424
Deferred Liabilities	12	96	249	486
Total Liabilities	18,204	31,501	32,720	34,064
Gross Block	11,558	20,558	24,558	28,558
Less Depreciation	3,349	3,883	4,937	6,142
Net Block	8,208	16,675	19,620	22,416
CWIP & others	1,836	1,836	1,836	1,836
Total	10,044	18,511	21,457	24,252
Goodwill	3,961	7,961	7,961	7,961
Investments	541	541	541	541
Cash and Bank Balances	579	1,187	493	986
Other Current Assets	3,056	4,471	6,835	8,530
Current Liabilities and Provisions	2,462	3,011	5,127	6,702
Net Current Assets	1,173	2,647	2,202	2,813
Miscellaneous Expenditure	5	5	5	5
Debit Balance in P&L account	2,480	1,836	555	(1,5086)
Total Assets	18,204	31,501	32,720	34,064

Source: Company, Citi Investment Research and Analysis estimates

Figure 12. Fortis Healthcare - Consolidated Cash Flow Statement (Rs m)

	FY09	FY10E	FY11E	FY12E
Reported Net Income	208	643	1,282	2,063
Depreciation	487	533	1,054	1,205
Change in working capital	684	(867)	(249)	(119)
Other	(900)	119	219	343
Operating cash flow	480	429	2,306	3,492
Capital expenditure	(937)	(13,000)	(4,000)	(4,000)
Investments	(29)	-	-	-
Free Cash Flow	(486)	(12,571)	(1,694)	(508)
Shares issued	-	9,969	-	-
Change in borrowings	1,010	3,210	1,000	1,000
Dividend paid	-	-	-	-
Others	(88)	-	-	-
Change in Cash	437	607	(694)	492
Opening Cash balance	136	579	1,187	493
Closing Cash balance	573	1,187	493	986

Source: Company, Citi Investment Research and Analysis estimates

Figure 13. Fortis Healthcare - Key Hospitals' Revenues (Rs m)

	FY09	FY10E	FY11E	FY12E
Fortis, Mohali + Amritsar	1,577	1,711	2,105	2,419
Fortis, Noida	956	1,149	1,422	1,664
Fortis, Shalimar Bagh, Delhi			548	1,002
Fortis, Gurgaon			211	816
Escorts, Delhi	2,080	2,721	3,179	3,598
Escorts, Faridabad	594	760	933	1,160
Escorts, Amritsar	411	515	642	757
Escorts, Jaipur	382	637	861	1,087
Fortis, Sheshadripuram(67% stake)		102	127	164
Fortis, Malar (51% stake)		616	659	705
Fortis Healthcare (FHL)	6,000	8,211	10,687	13,372
Wockhardt Mulund		1,040	1,603	2,431
Wockhardt Kalyan		78	127	167
Wockhardt BG Road		1,241	1,838	2,323
Wockhardt Cunningam Road		465	609	669
Wockhardt Chord Road		47	61	67
Wockhardt Nagar Bhavi		67	86	93
Wockhardt Rashbehari Avenue		207	266	286
Wockhardt Yeshwantpura			22	126
Wockhardt Anandpur			83	598
Wockhardt Hospitals		3,145	4,695	6,760
Total Hospitals Revenues*		8,997	15,381	20,132

Source: Company, Citi Investment Research and Analysis estimates

*Reported FY10 revenues for Fortis would reflect only 3 months of revenues from the Wockhardt hospitals.

Figure 14. Fortis HC – Expansion Plans

Location	No. of Beds	Area & Land Ownership	Expected date of commencement
Shalimar Bagh, NCR	350	7 Acres Owned	Q4' 10
Kolkata, West Bengal	414	Owned 294,931 Sq ft	Q3' 11
Gurgaon, NCR	450	11 Acres, Owned	Q4' 11
Peenya, Bengaluru	120	B. Lease ~70,000 Sq ft	Q4'11
Ludhiana – 2, Punjab	100	1,00,000 sq ft. B. Lease	Q4' 12
Ludhiana – 1, Punjab	200	1,55,000 sq. ft., B. Lease	Q1' 13
Ahmedabad, Gujarat	200	1,55,000 sq. ft., B. Lease	Q2' 13

Source: Company Reports

Fortis Healthcare

Company description

Fortis Healthcare was incorporated in 1996, set up and owned by the erstwhile founders of India's largest pharmaceutical company, Ranbaxy Laboratories. It is a professionally managed company with a broad management team, headed by Mr. Shivinder Singh (founder shareholder and Managing Director). The company went public in May 2007. It is one of the largest hospital chains in India with a network of 38 hospitals and c5,000 beds under management in the country. The company has made two large acquisitions in the last few months – ten hospitals from Wockhardt Hospitals (WHL) and 23.9% stake in Parkway Holdings which has made it the largest hospital group from India.

Investment strategy

We rate Fortis as Sell/Medium Risk (3M) with a target price of Rs145. While Fortis looks well placed to gain from the growing market for healthcare delivery services in India over the longer term, at current levels it is one of the most expensive hospital stocks globally and upside looks limited. While we appreciate the need to value Indian hospitals at a premium to global peers, owing to higher growth rates, we believe any re-rating from current levels will be difficult. Our Sell rating is purely a valuation call and we would look to get more constructive on any share price weakness.

Valuation

Our target price for Fortis is Rs145. We prefer to use EV/EBIDTA versus EBIDTA CAGR as the primary method to value the company. We believe that hospital companies in India would have a predictable and steady revenue stream, given high unmet demand and low but growing penetration of organized healthcare. However, given that these companies are still in an investment phase, we believe EBIDTA provides a much better reflection of the operating profitability of the business at this point. Fortis has only one directly comparable company listed on the Indian market - Apollo Hospitals. We value Fortis at a slight premium to Apollo, at 16x EBITDA (vs 15x for Apollo) as we believe Fortis' greater scale & geographical diversification post the WHL hospitals acquisition merit a higher multiple. Our current EV/EBIDTA multiple of 16x is also in the range that Fortis has traded over the last several years. At 16x June '11E EBITDA we arrive at a target price of Rs145.

Risks

Our risk rating for Fortis is Medium Risk as suggested by our quants-based rating system, which tracks 260-day historical share price volatility. Key upside risks that could prevent the stock from achieving our rating and target price include: (1) Faster than expected ramp up in occupancy rates, especially in Escorts, could lead to the company beating our earnings estimates; (2) Better than expected performance of the WHL acquisition, could change the outlook for the stock; (3) Any progress on Fortis' plan to unlock value in its land holding could also trigger an upward move in the stock price.

Appendix A-1

Analyst Certification

Each research analyst(s) primarily 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



Citigroup Global Markets Inc. or its affiliates beneficially owns 1% or more of any class of common equity securities of Fortis Healthcare, Health Management Associates. 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 Tenet Healthcare.

Citigroup Global Markets Inc. or its affiliates has received compensation for investment banking services provided within the past 12 months from Community Health Systems, Health Management Associates, Lifepoint Hospitals, Parkway, Tenet Healthcare.

Citigroup Global Markets Inc. or an affiliate received compensation for products and services other than investment banking services from Fortis Healthcare, Apollo Hospitals, Community Health Systems, Health Management Associates, Healthscope Ltd, Lifepoint Hospitals, Parkway, Ramsay Health Care Ltd, Tenet Healthcare in the past 12 months.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as investment banking client(s): Community Health Systems, Health Management Associates, Lifepoint Hospitals, Parkway, Tenet Healthcare.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as clients, and the services provided were non-investment-banking, securitiesrelated: Fortis Healthcare, Apollo Hospitals, Community Health Systems, Health Management Associates, Healthscope Ltd, Lifepoint Hospitals, Parkway, Tenet Healthcare.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as clients, and the services provided were non-investment-banking, nonsecurities-related: Apollo Hospitals, Community Health Systems, Health Management Associates, Healthscope Ltd, Lifepoint Hospitals, Ramsay Health Care Ltd, Tenet Healthcare.

Rohini Malkani has in the past worked with the India government or its divisions in her personal capacity.

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 investment banking revenues.

The Firm is a market maker in the publicly traded equity securities of Lifepoint Hospitals.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Investment Research & Analysis product ("the Product"), please contact Citi Investment Research & Analysis, 388 Greenwich Street, 28th 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. 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 & Analysis Ratings Distribution					
Data current as of 31 Dec 2009	Buy	Hold	Sell		
Citi Investment Research & Analysis Global Fundamental Coverage	48%	36%	16%		
% of companies in each rating category that are investment banking clients	48%	45%	37%		

Guide to Citi Investment Research & Analysis (CIRA) Fundamental Research Investment Ratings:

CIRA'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 CIRA's expectation of total return (forecast price appreciation and dividend yield within the next 12 months) and risk rating.

For securities in developed markets (US, UK, Europe, Japan, and Australia/New Zealand), investment ratings are:Buy (1) (expected total return of 10% or more for Low-Risk stocks, 15% or more for Medium-Risk stocks, 20% or more for High-Risk stocks, and 35% or more for Speculative stocks); Hold (2) (0%-10% for Low-Risk stocks, 0%-15% for Medium-Risk stocks, 0%-20% for High-Risk stocks, and 0%-35% for Speculative stocks); and Sell (3) (negative total return).

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, 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 Citi Investment Research & Analysis (CIRA) Corporate Bond Research Credit Opinions and Investment Ratings: CIRA'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 CIRA 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 CIRA will also include investment ratings on specific issues of companies under coverage which have been assigned fundamental credit opinions and risk rating. Investment ratings are a function of CIRA's expectations for total return, relative return (to publicly available Citigroup bond indices performance), 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), performances of which are updated monthly and can be viewed at https://fidirect.citigroup.com/ using the "Indexes" tab; Hold/Neutral Weight the bond is expected to perform in line with the relevant Citigroup bond market s

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. The legal entities employing the authors of this report are listed below:

Citigroup Global Markets India Private Limited Prashant Nair, CFA, Akshay Rai

OTHER DISCLOSURES

The subject company's share price set out on the front page of this Product is quoted as at 18 March 2010 04:00 PM on the issuer's primary market.

Citigroup Global Markets Inc. and/or its affiliates has a significant financial interest in relation to Community Health Systems, Health Management Associates, Lifepoint Hospitals, Tenet Healthcare. (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 Health Management Associates.

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 issuer(s) 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 department Research & Analysis (CIRA) does not set a predetermined frequency for publication, if the Product is a fundamental research report, it is the intention of CIRA 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 not intended as an offer or solicitation for the purchase or sale of a security. Any decision to purchase securities mentioned in the Product must take into account existing

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. Please ask your Financial Consultant 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.

Important Disclosures for Morgan Stanley Smith Barney LLC Customers: Morgan Stanley & Co. Incorporated (Morgan Stanley) research reports may be available about the companies that are the subject of this Citi Investment Research & Analysis (CIRA) research report. Ask your Financial Advisor or use smithbarney.com to view any available Morgan Stanley research reports in addition to CIRA research reports.

Important disclosure regarding the relationship between the companies that are the subject of this CIRA research report and Morgan Stanley Smith Barney LLC and its affiliates are available at the Morgan Stanley Smith Barney disclosure website at www.morganstanleysmithbarney.com/researchdisclosures.

The required disclosures provided by Morgan Stanley and Citigroup Global Markets, Inc. on Morgan Stanley and CIRA research relate in part to the separate businesses of Citigroup Global Markets, Inc. and Morgan Stanley that now form Morgan Stanley Smith Barney LLC, rather than to Morgan Stanley Smith Barney LLC in its entirety. For Morgan Stanley and Citigroup Global Markets, Inc. specific disclosures, you may refer to www.morganstanley.com/researchdisclosures and https://www.citigroupgeo.com/geopublic/Disclosures/index_a.html.

This CIRA research report has been reviewed and approved on behalf of Morgan Stanley Smith Barney LLC. This review and approval was conducted by the same person who reviewed this research report on behalf of CIRA. This could create a conflict of interest.

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 through Citigroup Global Markets Australia Pty Ltd. (ABN 64 003 114 832 and AFSL No. 240992), participant 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 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, JI. 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. The Product is made available in Japan by Citigroup Global Markets Japan Inc. ("CGMJ"), which 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. If the Product was distributed by Nikko Cordial Securities Inc. it is being so distributed under license. In the event that an error is found in an CGMJ research report, a revised version will be posted on the Firm'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 Services 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, Integrante del Grupo Financiero Banamex ("Accival") which is a wholly owned subsidiary of Citigroup Inc. and 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 Nadzoru Finansowego. Dom Maklerski Banku Handlowego S.A. ul. Chalubinskiego 8, 00-630 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. 1, Songzhi Road, Taipei 110, 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. In the U.A.E, these materials (the "Materials") are communicated by Citigroup Global Markets Limited, DIFC branch ("CGML"), an entity registered in the Dubai International Financial Center ("DIFC") and licensed and regulated by the Dubai Financial Services Authority ("DFSA" to Professional Clients and Market Counterparties only and should not be relied upon or distributed to Retail Clients. A distribution of the different CIRA ratings distribution, in percentage terms for Investments in each sector covered is made available on request. Financial products and/or services to which the Materials relate will only be made available to Professional Clients and Market Counterparties. 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 CIRA'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.

© 2010 Citigroup Global Markets Inc. Citi Investment Research & Analysis 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. 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 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