Macquarie Research **Equities**





INDIA

India telecoms 3Q preview

20 January 2009

BHARTI IN		Outperform
Stock price as of 19 Jan 09	Rs	646.95
12-month target	Rs	975.00
Upside/downside	%	+50.7
30-day avg turnover	US\$m	78.1
Market cap	US\$m	25,245

BHARTI investment fundamentals

Year end 31 Mar		2008A	2009E	2010E	2011E
EBITDA	bn	113.7	153.3	190.0	221.6
Adjusted profit	bn	67.0	81.2	111.2	125.5

RCOM IN	(Outperform
Stock price as of 19 Jan 09	Rs	184.95
12-month target	Rs	350.00
Upside/downside	%	+89.2
30-day avg turnover	US\$m	69.0
Market cap	US\$m	7,848

RCOM investment fundamentals

Year end 31 Mar		2008A	2009E	2010E	2011E
EBITDA	bn	82.0	95.5	119.7	143.7
Adjusted profit	bn	53.6	61.4	71.1	84.0

IDEA IN	Unde	erperform
Stock price as of 19 Jan 09	Rs	44.10
12-month target	Rs	45.00
Upside/downside	%	+2.0
30-day avg turnover	US\$m	6.5
Market cap	US\$m	2.810

IDEA investment fundamentals

Year end 31 Mar		2008A	2009E	2010E	2011E
EBITDA	bn	22.5	26.6	32.1	38.8
Adjusted profit	bn	10.4	8.8	10.3	10.8

MTNL IN	Und	erperform
Stock price as of 19 Jan 09	Rs	73.55
12-month target	Rs	51.00
Upside/downside	%	-30.7
30-day avg turnover	US\$m	1.5
Market cap	US\$m	953

MTNL investment fundamentals

Year end 31 Mar		2008A	2009E	2010E	2011E
EBITDA	m	7,217	3,917	3,860	3,895
Adjusted profit	m	3,856	1,169	574	-2,795

ONMB IN		Outperform
Stock price as of 19 Jan 09	Rs	247.70
12-month target	Rs	650.00
Upside/downside	%	+162.4
30-day avg turnover	US\$m	0.3
Market cap	US\$m	294

ONMB investment fundamentals

Year end 31 Mar 2008A 2009E 2010E **EBITDA** $m \ 1,048.3 \ 1,567.7 \ 2,533.6 \ 3,543.0$ Adjusted profit m 609.2 929.7 1,384.5 1,790.4 Source (all): FactSet, Macquarie Research, January 2009 (all figures in Rmb unless noted)

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Event

 Indian telecom operators will declare 3QFY3/09E results over the next ten days. We present our 3Q FY3/09E forecasts for the key players under our coverage. We expect investor focus on the quarterly earnings call to be on RCOM's GSM launch in January and its fallout on the Indian wireless sector.

Impact

- Bharti likely to outperform peers in 3Q FY3/09E. Among Indian operators, we expect Bharti to post the highest sequential growth of 6.6% for the top line. More importantly, Bharti's 6.2% QoQ growth in EBITDA will be higher than our expectation of 4.3% for RCOM and 2.5% for Idea. For Bharti, we estimate an ARPU decline of 12.2% YoY and 5.1% QoQ and margin dip of 10bp.
- RCOM results to be announced on 23 January, ahead of the usual last date of the month: We estimate an ARPU decline of 22.8% YoY and 3.4% QoQ and EBITDA margin of 40.1%.
- MTNL EBITDA expected to fall 47% YoY. Muted revenue growth (down 7% YoY, flat QoQ) and higher salary and admin costs will result in a ~660bp YoY margin decline. Even so, we expect margins to rebound from abysmally low 4.8% in 2Q FY3/09E led by a moderate improvement in administrative costs.
- For IDEA Cellular, first inclusion of Spice Communications financials in December 2008 poses downside risks to our 3Q FY3/09E PAT forecast. Idea will consolidate 41% owned Spice (SPCM IN, Rs30, Not rated) financials as per JV accounting from 3Q FY3/09E, effective 16 October 2008. Spice reported 2Q revenues of Rs3.1bn, EBITDA of Rs394m and a net loss of Rs813m. We also note Spice lowered its reported subscriber base in July and August 2008. Downside to Spice financials could come from a restatement of accounts expected in the December results relative to the September result.
- RCOM GSM launched in January; expect no impact on 3Q result. RCOM launched its much-awaited GSM operations in January 2009 for prepaid only. The inaugural prepaid sample offer aims targets prospective subscribers with an offer of Rs300 free credit in Mumbai and Rs150 in Karnataka per month for a Rs25 connection fee for the SIM.

Outlook

- Bharti is one of our top 3 global telco picks in 2009 and we believe will remain a key beneficiary of strong bias in profits and value in the sector towards the top 3 players. We continue to recommend investors accumulate Bharti for its high operational and earnings visibility. Having said that, in the near term there could be a risk of dislocation in subscriber net adds, MoUs, ARPU, revenues, EBITDA and EPS only for the Jan-March 2009 quarter, until the end of RCOM's 90 day free calls offer.
- Reiterate Underperform on Idea and MTNL. We maintain a negative view on Idea Cellular and MTNL, which both have a bleak earnings outlook. For Idea, we expect margin dilution due to a steady stream of new circle launches and inclusion of Spice financials (yet to be factored into our official forecasts for Idea Cellular).

Please refer to the important disclosures and analyst certification on inside back cover of this document, or on our website www.macquarie.com.au/research/disclosures.

Fig 1 Indian telecom stocks – 3Q FY3/09 results preview: Macquarie versus consensus

Rs m	Revenue	EBITDA	PAT
Bharti			
Macquarie Estimate	96,182	39,292	20,604
YoY growth (%)	38.1%	32.6%	19.7%
QoQ growth (%)	6.6%	6.2%	0.7%
Consensus	96,596	38,962	21,325
Macquarie above/(below) Consensus	-0.4%	0.8%	-3.4%
RCOM			
Macquarie Estimate	59,922	24,013	14,572
YoY growth (%)	22.9%	14.0%	5.0%
QoQ growth (%)	6.1%	4.3%	-4.8%
Consensus	59,642	24,120	13,872
Macquarie above/(below) Consensus	0.5%	-0.4%	5.0%
Idea			
Macquarie Estimate	23,664	6,171	1,830
YoY growth (%)	38.5%	8.8%	-22.7%
QoQ growth (%)	2.9%	2.5%	18.1%
Consensus	25,863	6,930	1,998
Macquarie above/(below) Consensus	-8.5%	-10.9%	-8.4%
MTNL			
Macquarie Estimate	11,019	963	398
YoY growth (%)	-7%	-47%	-30%
QoQ growth (%)	0%	81%	100%
Consensus	12,499	2,646	854
Macquarie above/(below) Consensus	-11.8%	-63.6%	-53.4%
OnMobile			
Macquarie Estimate	1,112	373	232
YoY growth (%)	38%	-5%	-10%
QoQ growth (%)	14%	36%	27%
Consensus	1,103	380	229
Macquarie above/(below) Consensus	0.9%	-2.0%	1.7%
Source: Bloomberg, Macquarie Research, January	2009		

Bharti Airtel

Financial metrics for 3Q FY3/09E

- **Revenue:** We expect Bharti to post 3Q FY3/09 revenues of Rs96.2bn, implying 38.1% YoY growth and 6.6% sequential QoQ growth. At a segment level, we forecast robust mobile revenue of Rs76.8bn, 37% higher YoY and 5.5% QoQ.
- Opex: We expect Bharti's total operating expenditures to rise to Rs56.9bn in 3Q from Rs53.2bn in 2Q FY3/09, sequential growth of 6.9%. We forecast7.4% QoQ growth in employee costs and a 6.9% sequential increase in network operations costs in the wake of elevated network opex reported last quarter.
- Margins: As a result of a slightly higher jump in opex, we expect a 10bp EBITDA margin decline for Bharti in 3Q FY3/09E to 40.9%.
- **EPS:** Our 3Q FY3/09E forecast EPS is Rs10.86. Our net profit forecast is 3% below consensus due to our conservative interest expense assumption of Rs9.2bn in 3Q FY3/09E.

Operational metrics for 3Q FY3/09E

- Subscriber addition: We expect Bharti to continue its industry leading subscriber additions
 during the quarter. We note that Bharti has already added 2.72m subscribers for the months of
 October and November. To meet our subscriber forecast of 85.6m Bharti would need to add only
 2.72m subscribers in December.
- **ARPU/MOU:** We have built in ARPU decline of 12.2% YoY and 5.1% QoQ to Rs314 in 3Q FY3/09E and modest QoQ growth in MoUs to 530 from 526 in the quarter ago.

20 January 2009

RCOM

Financial metrics for 3Q FY3/09E

- Revenue: We expect RCOM's 3Q FY3/09 revenue to be Rs59.9bn, implying growth of 6.1% QoQ and 22.9% YoY. At the segment level, we expect wireless services revenue to grow by 6.3% QoQ and 16.5% YoY. We forecast global services segment revenues to be Rs17.8bn, 5% QoQ growth.
- Opex: Total operating expenditure for RCOM is expected to rise to Rs35.9n from Rs33.4bn in 2Q FY3/09, 7.4% sequential growth. We have built into our model 11% QoQ growth in access and license fees and 5.1% QoQ growth in network operations costs for this quarter.
- Margins: We expect a ~70bp margin contraction for RCOM, primarily on account of higher access and interconnect fees than 2Q. Our 3Q EBITDA margin forecast is 40.1% versus 2Q FY3/09 EBITDA margin of 40.8%.
- EPS: Our 3Q FY3/09 diluted EPS estimate for RCOM is Rs6.68. Our net profit forecast is 5% above consensus estimate. We note that lower than expected treasury income has helped RCOM to deliver higher than expected EPS in last quarter.

Operational metrics for 3Q FY3/09E

- Subscriber additions: We have built in 5.3m subscriber additions for RCOM in this quarter.
 RCOM added 1.77m subscribers in November and 1.76m in October. We note that our FY3/09E subscriber forecast for RCOM is back-end loaded, with the launch of new GSM operations in 4Q FY3/09 expected to add 1.9m subscribers.
- ARPU/MOU: We have modelled in ARPU decline (Rs262) of 22.8% YoY and 3.4% QoQ for RCOM in 3Q FY3/09. We expect MoUs for RCOM to decline to by in this quarter to 417, implying ARPM of Rs0.63.

Idea

Financial metrics for 3Q FY3/09E

- Revenue: Our 3Q FY3/09E revenue estimate for Idea is Rs23.6bn, up 2.9% QoQ and 38.5% YoY.
- Opex: We forecast Idea's operating expenditure at Rs17.5bn, 3.1% higher than the previous quarter. We note that Idea launched its Bihar operations in this quarter and this is first full quarter of Mumbai operations. We estimate EBITDA loss of Rs1bn for the Mumbai and Bihar circles, compared to EBITDA loss of Rs337m for launch of Mumbai circle in August last quarter.
- Margins: We expect Idea to report 26.1% EBITDA margins for the quarter, 10bp decline from the
 last quarter. We expect three acquired circles to turn EBITDA positive in this quarter but higher
 network opex and launch costs associated with Mumbai and Bihar circle will hurt margins.
- EPS: Our 3Q FY3/09E EPS of Rs0.59. Our net profit forecast is 8.4% below consensus estimate.

Operational metrics for 3Q FY3/09E

- Subscriber additions: We note that Idea has already added 2.43m subscribers in the months of
 October and November. Our forecast of 3.68m net subscriber additions in 3Q FY3/09E implies
 1.25m subscriber additions for Idea in December. We believe Idea would be able to deliver
 positive surprise on subscriber additions by adding lower ARPU customers neutralising the
 impact on wireless revenues.
- **ARPU/MOU:** We have built in an ARPU (Rs245) decline of 12.3% YoY and 6% QoQ in 3Q FY3/09E and modest 2% QoQ growth in MoUs to 425 from 417 in the previous quarter.

MTNL

Financial metrics for 3Q FY3/09E

- Revenue: We expect revenues to remain flat sequentially and decline by 7.4% YoY as growth in the broadband and VAS segments will not be enough to offset the drag due to deteriorating wireline business and ARPU decline in wireless. We expect MTNL's wireless revenues to decline to Rs2.2bn, up 1.4% QoQ and 7.7% YoY.
- Opex: We expect administrative costs for MTNL to fall in 3Q to Rs2.4bn from Rs2.6bn in 2Q FY3/09. Our staff cost assumption of Rs4.5bn (41% of revenues) is down 4.3% QoQ, but there is upside risk to our forecast. We note that higher staff costs were the key reason for negative surprise on margins in the last quarter.

- Margins: We expect MTNL to expand margins by 390bp sequentially to 8.7% from 4.8%. Our assumption for margin expansion is based on better cost control in 3Q FY3/09E.
- **EPS:** We expect MTNL to report EPS of Rs0.63 for the quarter ending 31 December 2008. Even so, we note that there could be downside risks to our estimates due to higher costs and lower interest than anticipated treasury income. We are assuming Rs1.5bn interest income in 3Q FY3/09E.

Operational metrics for 3Q FY3/09E

- **Subscriber additions:** We have built in 0.24m subscriber net additions during the quarter, evenly split between Mumbai and Delhi circle. This implies flat QoQ net subscriber addition in 3Q.
- ARPU: We are building ARPU decline of 18.8% YoY and 5% QoQ for MTNL in October— December 2008 quarter. As a result of moderate ARPU decline and muted subscriber growth, we forecast tepid 1.4% QoQ growth in wireless revenues.

OnMobile

- Revenues: Our 3Q FY3/09 revenue forecast is Rs1.1bn, 14% sequential growth driven by 15%
 QoQ growth in domestic revenues and 16% QoQ growth in international revenues.
- Opex: We expect total operating expenditures for OnMobile to rise to Rs739.5m in 3Q FY3/09 from Rs700.9m in the 2Q. After registering a steep 26% QoQ increase in staff costs for 2Q FY3/09 due to Telisma and Vox Mobili acquisition we have assumed 1.3% QoQ rise in staff costs this quarter.
- Margins: We expect sequential improvements in margins to continue and forecast EBITDA margins of 33.5% due to slightly lower Cost of sales and services in 3Q FY3/09E.
- EPS: Our 3Q FY3/09E EPS forecast for OnMobile is Rs3.9. Our net profit forecast of Rs232m is 1.7% above consensus.

Fig 2 Bharti Airtel: 3Q FY3/09 result estimates

20EV09	30EV00	40EV09	10EV00	20EV00A	30EV00E	(% cha VaV)	(% chg QoQ
2QF108	3QF108	4QF108	101109	ZQF 109A	3QF TU9E	(% cng for)	(% cng QoQ
50.579	56.105	64.201	69.150	72.843	76.852	37.0	5.5
							5.7
10,048	11,346	12,566	15,694	17,002	18,362	61.8	8.0
3,423	3,290	3,774	3,878	4,872	5,262	59.9	8.0
		6,023	10,563	11,983	13,183	na	10.0
,							5.9
63,374	69,639	78,191	84,833	90,203	96,182	38.1	6.6
26,862	30,054	33,628	37,249	40,598	43,046	43.2	6.0
42.4%	43.2%	43.0%	43.9%	45.0%	44.8%		
9,317	10,424	12,298	12,426	12,902	13,437	28.9	4.1
						38.7	6.6
						73.9	6.9
11.9%	12.7%	12.5%	14.5%	16.0%	16.0%	7 0.0	0.0
3,745	3,789	3,722	3,967	4,209	4,521	19.3	7.4
5.9%	5.4%	4.8%	4.7%	4.7%	4.7%		
206	102	90	105	965	062	/E1 A\	11.2
						(51.4)	11.2
9,208	9,767	11,956	12,178	11,746	12,882	31.9	9.7
14.5%	14.0%	15.3%	14.4%	13.0%	13.4%		
36,276	40,004	45,673	49,612	53,210	56,890	42.2	6.9
57.2%	57.4%		58.5%	59.0%	59.1%		
<u> </u>			-		,	32.6	6.2
42.8%	42.6%	41.6%	41.5%	41.0%	40.9%		
1,267	989	(1,527)	5,216	9,181	9,181	828.3	-
141	179	(3,684)	3,384	3,440	3,500	nm	nm
(9,062)	(10,377)	(9,702)	(10,045)	(11,549)	(12,500)	20.5	8.2
3	(1)	(2)	(113)	(93)	(93)	nm	nm
605	643	683	584	274	288	nm	nm
		. ,					nm
17,472	19,033	21,132	23,614	19,724	21,146	11.1	7.2
(1,136)	(1,564)	(2,085)	(3,282)	1,247	-	(100.0)	(100.0)
7%	8%	10%	14%	-6%	0%	· ·	· ·
(197)	(244)	(518)	(282)	(508)	(541)	121.9	6.7
16,139	17,225	18,529	20,250	20,463	20,604	19.6	0.7
						10.7	0.7
0.50	3.00	3.70	10.07	10.73	10.00	13.1	0.7
20,728	22,887	22,779	21,218	22,009	22,957	0.3	4.3
2,790	3,173	3,344	3,367	3,696	3,945	24.3	6.7
							(2.6)
1,435	1,377						14.7 28.1
(1,317)	(1,454)	(2,020)	(1,889)		(2,200)	51.3	6.2
, , ,	, , ,	, , , ,	, . ,	, , , ,	, , ,		
				1.40			
							-0.3%
							0.4% -4.2%
							2.6%
41.070	41.070			33.3%			5.5%
39,795	33,294	28,206	40,576	31,867	52,431	57.5	64.5
28,661	27,538			23,396			55.8
							(7.1)
		106,214	15,327	7,562	21,742	na	187.5
1 720	2 157		2 201	2 915	3 100	57.6	
1,738 8,924	2,157 3,012	4,185	2,301 5,239	2,815 3,992	3,400 9,181	57.6 204.8	20.8 130.0
1,738 8,924 313	2,157 3,012 91		2,301 5,239 253	2,815 3,992 279	3,400 9,181 3,197	57.6 204.8 3,412.7	130.0 1,045.7
8,924	3,012	4,185 5,059	5,239	3,992	9,181	204.8	130.0 1,045.7
8,924 313	3,012 91	4,185 5,059 411	5,239 253	3,992 279	9,181 3,197	204.8 3,412.7	130.0
8,924 313 159	3,012 91 496	4,185 5,059 411 556	5,239 253 556	3,992 279 1,385	9,181 3,197 200	204.8 3,412.7 (59.7)	130.0 1,045.7 (85.6)
8,924 313 159 48.9	3,012 91 496 55.2	4,185 5,059 411 556	5,239 253 556 69.4	3,992 279 1,385 77.5	9,181 3,197 200 85.6	204.8 3,412.7 (59.7)	130.0 1,045.7 (85.6)
8,924 313 159	3,012 91 496	4,185 5,059 411 556	5,239 253 556	3,992 279 1,385	9,181 3,197 200	204.8 3,412.7 (59.7)	130.0 1,045.7 (85.6)
8,924 313 159 48.9	3,012 91 496 55.2	4,185 5,059 411 556	5,239 253 556 69.4	3,992 279 1,385 77.5	9,181 3,197 200 85.6	204.8 3,412.7 (59.7)	130.0 1,045.7 (85.6)
8,924 313 159 48.9 2.1	3,012 91 496 55.2 2.2	4,185 5,059 411 556 62.0 2.23	5,239 253 556 69.4 2.39	3,992 279 1,385 77.5 2.51	9,181 3,197 200 85.6 2.68	204.8 3,412.7 (59.7) 55.2 23.0	130.0 1,045.7 (85.6) 10.5 6.8
8,924 313 159 48.9 2.1 365.9 1,150.0	3,012 91 496 55.2 2.2 357.6 1,140.0	4,185 5,059 411 556 62.0 2.23 357.0 1,137.0	5,239 253 556 69.4 2.39 349.5 1,138.3	3,992 279 1,385 77.5 2.51 331.0 1,147.0	9,181 3,197 200 85.6 2.68 314.1 1,152.7	204.8 3,412.7 (59.7) 55.2 23.0 (12.2)	130.0 1,045.7 (85.6) 10.5 6.8 (5.1)
8,924 313 159 48.9 2.1 365.9 1,150.0 468.6	3,012 91 496 55.2 2.2 357.6 1,140.0 473.7	4,185 5,059 411 556 62.0 2.23 357.0 1,137.0 507.0	5,239 253 556 69.4 2.39 349.5 1,138.3 534.4	3,992 279 1,385 77.5 2.51 331.0 1,147.0 526.0	9,181 3,197 200 85.6 2.68 314.1 1,152.7 530.1	204.8 3,412.7 (59.7) 55.2 23.0 (12.2) 1.1 11.9	130.0 1,045.7 (85.6) 10.5 6.8 (5.1) 0.5
8,924 313 159 48.9 2.1 365.9 1,150.0	3,012 91 496 55.2 2.2 357.6 1,140.0	4,185 5,059 411 556 62.0 2.23 357.0 1,137.0	5,239 253 556 69.4 2.39 349.5 1,138.3	3,992 279 1,385 77.5 2.51 331.0 1,147.0	9,181 3,197 200 85.6 2.68 314.1 1,152.7	204.8 3,412.7 (59.7) 55.2 23.0 (12.2)	130.0 1,045.7 (85.6) 10.5 6.8 (5.1)
	3,423 (7,699) 63,374 26,862 42.4% 9,317 14.7% 6,281 9,9% 7,520 11.9% 3,745 5,9% 206 0.3% 9,208 14.5% 36,276 57.2% 27,098 42.8% 1,267 141 (9,062) 3 605 (46) 17,472 (1,136) 17,472 (1,136) 25.5% 8.50 20,728 2,790 3,462 1,435 (1,317)	50,579 56,105 7,023 7,307 10,048 11,346 3,423 3,290 (7,699) (8,409) 63,374 69,639 26,862 30,054 42,4% 43,2% 9,317 10,424 14,7% 15.0% 6,281 6,991 9,9% 10.0% 7,520 8,851 11,9% 12,7% 3,745 3,789 5,9% 5,4% 206 183 0,3% 0,3% 9,208 9,767 14,5% 14,0% 36,276 40,004 57,2% 57,4% 27,098 29,635 42,8% 42,6% 1,267 989 141 179 (9,062) (10,377) 3 (1) 605 643 (46) (57) 17,472 19,033 (1,136) (1,564) 7% 8% (197) (244) 16,139 17,225 25,5% 24,7% 8,50 9,08 20,728 22,887 2,790 3,173 3,462 3,652 1,435 1,377 (1,317) (1,454) 41,0% 40,8% 39,7% 43,4% 34,5% 32,2% 41,9% 41,9%	50,579 56,105 64,201 7,023 7,307 7,641 10,048 11,346 12,566 3,423 3,290 3,774 6,023 (7,699) (8,409) (16,014) 63,374 69,639 78,191 26,862 30,054 33,628 42,4% 43,2% 43,0% 9,317 10,424 12,298 14,7% 15,0% 15,7% 6,281 6,991 7,801 9,9% 10,0% 10,0% 7,520 8,851 9,807 11,9% 12,7% 12,5% 3,745 3,789 3,722 5,9% 5,4% 4,8% 206 183 89 0,3% 0,3% 0,1% 9,208 9,767 11,956 14,5% 14,0% 15,3% 36,276 40,004 45,673 57,2% 57,4% 58,4% 27,098 29,635 32,51	50,579 56,105 64,201 69,150 7,023 7,307 7,641 7,988 10,048 11,346 12,566 15,694 3,423 3,290 3,774 3,878 6,023 10,563 (7,699) (8,409) (16,014) (22,440) 63,374 69,639 78,191 84,833 26,862 30,054 33,628 37,249 42.4% 43.2% 43.0% 43.9% 9,317 10,424 12,298 12,426 14.7% 15.0% 15.7% 14.6% 6,281 6,991 7,801 8,532 9,9% 10.0% 10.0% 10.1% 7,520 8,851 9,807 12,324 11.9% 12.7% 12.5% 14.5% 3,745 3,789 3,722 3,967 5.9% 5.4% 4.8% 4.7% 206 183 89 185 0.3% 0.3% 0.1% 0.2% <td>50,579 56,105 64,201 69,150 72,843 7,023 7,307 7,641 7,988 8,486 10,048 11,346 12,566 15,694 17,002 3,423 3,290 3,774 3,878 4,872 6,023 10,563 11,983 (7,699) (8,409) (16,014) (22,440) (24,983) 63,374 69,639 78,191 84,833 90,203 26,862 30,054 33,628 37,249 40,598 42,4% 43,2% 43,0% 43,9% 45,0% 9,317 10,424 12,298 12,426 12,902 14,7% 15,0% 15,7% 14,6% 14,3% 6,281 6,991 7,801 8,532 9,09 10,0% 10,0% 10,1% 10,1% 7,520 8,851 9,807 12,324 14,392 11,9% 12,7% 12,5% 14,5% 16,0% 3,745 3,789</td> <td> 50,579 56,105 64,201 69,150 72,843 76,852 7,023 7,307 7,641 7,988 8,486 8,972 10,048 11,346 12,566 15,694 17,002 18,362 </td> <td>50,579 56,105 64,201 69,150 72,843 76,852 37.0 7,023 7,307 7,641 7,988 8,486 8,972 22.6 10,048 11,346 12,566 15,694 11,002 18,362 6.18 3,423 3,290 3,774 3,878 4,672 5,262 59.9 6,023 10,563 11,983 13,183 ne 6,623 17,699 (24,883) 26,4500 224.5 59.9 63,374 69,639 78,191 84,833 90,203 96,182 38.1 26,862 30,054 33,628 37,249 40,598 43,046 43.2 42,4% 43,22% 43,09% 43,9% 45,09% 44.8% 9,937 10,042 12,284 12,466 12,902 13,437 28.9 1,47% 15,05% 15,7% 14,68% 14,39 14,09 3.7 7.0 1,47% 15,06 15,7% 14,68% 14,39</td>	50,579 56,105 64,201 69,150 72,843 7,023 7,307 7,641 7,988 8,486 10,048 11,346 12,566 15,694 17,002 3,423 3,290 3,774 3,878 4,872 6,023 10,563 11,983 (7,699) (8,409) (16,014) (22,440) (24,983) 63,374 69,639 78,191 84,833 90,203 26,862 30,054 33,628 37,249 40,598 42,4% 43,2% 43,0% 43,9% 45,0% 9,317 10,424 12,298 12,426 12,902 14,7% 15,0% 15,7% 14,6% 14,3% 6,281 6,991 7,801 8,532 9,09 10,0% 10,0% 10,1% 10,1% 7,520 8,851 9,807 12,324 14,392 11,9% 12,7% 12,5% 14,5% 16,0% 3,745 3,789	50,579 56,105 64,201 69,150 72,843 76,852 7,023 7,307 7,641 7,988 8,486 8,972 10,048 11,346 12,566 15,694 17,002 18,362	50,579 56,105 64,201 69,150 72,843 76,852 37.0 7,023 7,307 7,641 7,988 8,486 8,972 22.6 10,048 11,346 12,566 15,694 11,002 18,362 6.18 3,423 3,290 3,774 3,878 4,672 5,262 59.9 6,023 10,563 11,983 13,183 ne 6,623 17,699 (24,883) 26,4500 224.5 59.9 63,374 69,639 78,191 84,833 90,203 96,182 38.1 26,862 30,054 33,628 37,249 40,598 43,046 43.2 42,4% 43,22% 43,09% 43,9% 45,09% 44.8% 9,937 10,042 12,284 12,466 12,902 13,437 28.9 1,47% 15,05% 15,7% 14,68% 14,39 14,09 3.7 7.0 1,47% 15,06 15,7% 14,68% 14,39

Fig 3 Reliance Communications: 3Q FY3/09 result estimates

Amount in Rs. Million, except ratios	2QFY08	3QFY08	4QFY08	1QFY09	2QFY09A	3QFY09E	(% chg YoY)	(% chg QoQ)
Revenues								
Wireless	37,230	39,567	41,608	41,187	43,356	46,101	16.5%	6.3%
Global Service revenues	13,161	13,299	15,257	15,260	16,915	17,761	33.5%	5.0%
Broadband & Telephone Service revenues Others	4,371 1,087	4,564 1,544	5,100 683	5,603 1,437	6,023 2,289	6,416 2,289	40.6%	6.5% 0.0%
Inter-segment eliminations	(10,064)	(10,232)	(9,534)	(10,265)	(12,190)	(12,820)	25.3%	5.2%
Total Revenues	45,785	48,742	53,114	53,222	56,450	59,922	22.9%	6.1%
	.,	-,	,	,	,	,-		
Operating Expenses	40.404	40.704	10.051	00.004	00.470	04.000	05.00/	7.00/
Cost of service (a+b+c)	18,464 40.3%	19,721 40.5%	19,954 37.6%	20,804 39.1%	23,179 41.1%	24,838 41.5%	25.9%	7.2%
(% of total revenues) Access & License Fees (a)	9,746	11,188	9,962	9,159	8,324	9,240	-17.4%	11.0%
(% of total revenues)	21.3%	23.0%	18.8%	17.2%	14.7%	15.4%	-17.470	11.070
Network Operations Costs - (b)	5,662	5,446	6,562	8,128	10,266	10,786	98.1%	5.1%
(% of total revenues)	12.4%	11.2%	12.4%	15.3%	18.2%	18.0%		
Employee Cost - (c)	3,056	3,087	3,430	3,517	4,589	4,811	55.9%	4.8%
(% of total revenues)	6.7%	6.3%	6.5%	6.6%	8.1%	8.0%		
Selling & General Cost	7,703	7,956	9,996	9,916	10,255	11,071	39.2%	8.0%
(% of total revenues)	16.8%	16.3%	18.8%	18.6%	18.2%	18.5%		
Total Operating Expense	26,167	27,677	29,950 56.4%	30,720	33,434	35,909 59.9%	29.7%	7.4%
(% of total revenues)	57.2%	56.8%	56.4%	57.7%	59.2%	59.9%		
EBITDA	19,618	21,065	23,164	22,502	23,016	24,013	14.0%	4.3%
EBITDA Margin	42.8%	43.2%	43.6%	42.3%	40.8%	40.1%	-3.1%	-0.7%
Net Interest	1,125	1,518	81	2,340	2,353	1,863	22.7%	-20.8%
Depreciation	(6,754)	(7,252)	(7,856)	(8,638)	(9,827)	(10,682)	47.3%	8.7%
(% of total revenues)	14.8%	14.9%	14.8%	16.2%	17.4%	17.8%		
Profit Before Taxes (PBT)	13,989	15,331	15,389	16,204	15,542	15,194	-0.9%	-2.2%
(% of total revenues)	30.6%	31.5%	29.0%	30.4%	27.5%	25.4%	-6.1%	-2.2%
Income tax expense / (benefit)	698	1,379	(272)	(194)	(567)	(228)	-116.5%	-59.8%
Effective Tax Rate (%)	5.0%	9.0%	-1.8%	-1.2%	-3.6%	-1.5%		
Profit After Taxes (PAT)	13,291	13,952	15,661	16,398	16,108	15,422	10.5%	-4.3%
Extraordinary items	12,203	-	611	-	-	-		
Share of Minority and Associates	12,448	223	1,240	635	800	850		
Rptd. Net Profit	13,046	13,729	15,032	15,763	15,308	14,572		
Adjusted Net Profit (excl. exceptional) PAT Margin	13,046 28.5%	13,729 28.2%	14,421 27.2%	15,763 29.6%	15,308 27.1%	14,572 24.3%	-3.8%	-4.8% -2.8%
Diluted EPS (Adjusted)	6.05	6.36	6.68	7.31	7.02	6.68	5.0%	-4.8%
Segmental breakdown of EBITDA								
Wireless	14,873	15,819	16,763	16,623	16,859	17,840	12.8%	5.8%
Global (Long distance)	3,276	3,428	4,089	3,222	3,608	3,741	9.1%	3.7%
Broadband & Fixed	2,102	2,222	2,492	2,714	2,941	3,142	41.4%	6.8%
Others	(566)	(258)	(115)	-	(198)	(460)	78.4%	na
Intersegment eliminations	(67)	(146)	(65)	(57)	(194)	(225)	54.3%	16.1%
Net Others (Others + intersegment)	(633)	(404)	(180)	(57)	(392)	(686)	69.7%	74.9%
Total	19,618	21,065	23,164	22,502	23,016	24,038	14.1%	4.4%
Segment-wise EBITDA margin (%)								
Wireless	39.9%	40.0%	40.3%	40.4%	38.9%	38.7%	-1.3%	-0.2%
Global (Long distance)	24.9%	25.8%	26.8%	21.1%	21.3%	21.1%	-4.7%	-0.3%
Broadband & Fixed	48.1%	48.7%	48.9%	48.4%	48.8%	49.0%	0.3%	0.2%
Others	-52.1%	-16.7%	-16.8%	0.0%	-8.6%	-20.1%	-3.4%	-11.5%
Capex	F2 470	00.404	F0.7F0	CO COC	47 704	CO 74C	20.00/	40.40/
Wireless	53,179	88,181	52,756 46,442	69,686	47,731 33,260	69,746	-20.9%	46.1% 18.9%
Global	49,685 895	60,605 22,395	1,682	56,926 9,643	10,624	39,542 6,461	-34.8% -71.1%	-39.2%
Broadband & Fixed	2,596	5,034	4,605	3,030	3,674	4,812	-4.4%	31.0%
Others	(33,288)	(59,576)	(10,044)	(28,995)	(10,755)	-,012	-100.0%	-100.0%
Capital Work in progress	33,291	59,723	10,071	29,082	10,928	18,931	-68.3%	73.2%
Subscriber Base								
Wireless	36.3	41.0	45.8	50.8	56.0	61.3	49.7%	9.4%
Broadband & Fixed	0.8	0.9	1.0	1.1	1.3	1.4	52.2%	8.9%
ARPU								
Wireless	361.0	339.0	317.0	282.0	271.0	261.8	-22.8%	-3.4%
	1,948.0	1,797.0	1,760.0	1,715.0	1,668.0	1,626.3	-9.5%	-2.5%
	<u> </u>							
Broadband & Fixed	·							
Broadband & Fixed Average MoU per User (Wireless)	490	449	430	424	423	417	-7.2%	
Broadband & Fixed Average MoU per User (Wireless) Average Revenue per Minute (Wireless) Average EBITDA per Minute (Wireless)	·	449 0.76 0.30	430 0.74 0.30	424 0.66 0.27	423 0.64 0.25	417 0.63 0.24	-7.2% -16.8% -20.0%	-1.5% -1.9% -2.2%

Fig 4 Idea Cellular: 3Q FY3/09 result estimates

Particulars	Jun'07	Sep'07	Dec'07	Mar'08	Jun'08	Sep'08A	Dec'08E	(% chg YoY)	(% chg QoQ)
Revenues									
Service Revenue	14,773	15,622	17,081	19,724	21,735	22,992	23,664	38.5	2.9
Sales of Trading Goods	-	-	-	-	-	-	-		
Total Revenues	14,773	15,622	17,081	19,724	21,735	22,992	23,664	38.5	2.9
Operating Expenses	·								
Personnel Expenditure	(708)	(877)	(954)	(919)	(958)	(1,323)	(1,422)	49.0	7.5
(% of total revenues)	4.8%	5.6%	5.6%	4.7%	4.4%	5.8%	6.0%		
Network Operating Expenditure	(1,896)	(2,380)	(2,915)	(3,263)	(3,742)	(4,485)	(4,733)	62.4	5.5
(% of total revenues)	12.8%	15.2%	17.1%	16.5%	17.2%	19.5%	20.0%		
License and WPC Charges	(1,599)	(1,551)	(1,736)	(1,965)	(2,446)	(2,571)	(2,622)	51.0	2.0
(% of total revenues)	10.8%	9.9%	10.2%	10.0%	11.3%	11.2%	11.1%		
Roaming & Access Charges	(2,396)	(2,550)	(2,930)	(3,445)	(3,957)	(4,271)	(4,141)	41.3	(3.0)
(% of total revenues)	16.2%	16.3%	17.2%	17.5%	18.2%	17.5%	17.5%		
Subscriber Acquisition & Servicing Expenditure	(1,597)	(1,758)	(1,528)	(1,828)	(1,751)	(2,000)	(2,248)	47.1	12.4
(% of total revenues)	10.8%	11.3%	8.9%	9.3%	8.1%	9.0%	9.5%		
Advertisement and Business Promotion Expenditure	(686)	(756)	(657)	(786)	(753)	(1,279)	(1,006)	53.1	(21.3)
(% of total revenues)	4.6%	4.8%	3.8%	4.0%	3.5%	5.6%	4.3%		
Administration & other Expenses	(764)	(643)	(688)	(913)	(907)	(1,019)	(1,321)	92.1	29.7
(% of total revenues)	5.2%	4.1%	4.0%	4.6%	4.2%	4.4%	5.6%		
Total Operating Expense	(9,645)	(10,515)	(11,409)	(13,118)	(14,516)	(16,968)	(17,493)	53.3	3.1
(% of total revenues)	65.3%	67.3%	66.8%	66.5%	66.8%	73.8%	73.9%	·	
EBITDA	5,128	5,107	5,672	6,606	7,219	6,024	6,171	8.8	2.5
EBITDA Margin	34.7%	32.7%	33.2%	33.5%	33.2%	26.2%	26.1%	-7.1%	-0.1%
Other Income	4	21	22	129	46	45	45	100.5	0.0
Interest Income	788	421	260	228	317	1,199	1,385	432.8	15.5
Depreciation	(1,559)	(1,681)	(1,947)	(2,217)	(2,318)	(2,597)	(2,953)	51.6	13.7
Amortisation of Intangible Assets	(328)	(326)	(330)	(380)	(431)	(435)	(439)	33.0	1.0
EBIT	3,244	3,121	3,417	4,137	4,516	3,036	2,824	(17.4)	(7.0)
EBIT Margin	22.0%	20.0%	20.0%	21.0%	20.8%	13.2%	11.9%		
Interest and Financing Charges	(931)	(1,062)	(1,042)	(1,434)	(1,846)	(2,695)	(2,059)	97.6	(23.6)
Profit Before Taxes (PBT)	3,101	2,481	2,635	2,932	2,988	1,540	2,151	(18.4)	39.6
Income tax (expense) / benefit	(16)	(277)	(268)	(165)	(314)	(99)	(321)	19.9	224.3
Exceptionals	(.0)	(2)	(200)	(.66)	- (0)	-	(02.)	.0.0	
Profit After Taxes (PAT) for the year	3,085	2,204	2,368	2,767	2,673	1,441	1,830	(22.7)	27.0
Adjusted Net Profit (pre exceptionals)	3,085	2,204	2,368	2,767	2,673	1,441	1,830	(22.7)	27.0
Diluted EPS	1.17	0.84	0.90	1.05	1.01	0.50	0.59	(34.3)	18.1
Capex (Rsm)	11,062	12,352	11,946	19,161	19,817	11,950	19,817	65.9	65.9
Subscriber Base (m)	16.1	18.7	21.1	24.0	27.2	30.4	34.1	61.8	12.1
ARPU (Rs per month)	320	288	279	287	278	261	245	(12.3)	(6.2)
Average MoU per user	381	360	377	411	428	417	425	12.8	2.0
Average Revenue per Minute (Rs)	0.84	0.80	0.74	0.70	0.65	0.62	0.58	(22.2)	(7.2)
EBITDA per minute	0.30	0.27	0.25	0.24	0.22	0.17	0.15	(40.6)	(10.3)
Total network minutes	17,100	18,831	22,457	27,824	33,087	36,315	41,120	83.1	13.2

Fig 5 MTNL: 3Q FY3/09 result estimates

	2Q FY08	3Q FY08	4Q FY08	1Q FY09	2Q FY09	3Q FY09 Est.	— (% chg YoY)	(% chg
	Sep-08	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	— (% clig 101) —	QoQ
Basic and fixed line services	8,329.4	8,330.0	8,011.4	7,583.1	7,245.0	7,148.4	-14.2%	-1.3%
Cellular services	2,294.0	2,080.0	2,198.7	2,132.7	2,208.0	2,239.1	7.7%	1.4%
WLL services	229.0	249.0	210.0	165.0	124.0	116.8	-53.1%	-5.8%
Other Services	1,132.9	1,238.4	1,412.8	1,335.2	1,442.2	1,514.3	22.3%	5.0%
Broadband	759.5	803.5	1,047.3	978.6	1,006.4	1,040.0	29.4%	3.3%
Others	373.3	434.9	365.5	356.6	435.8	474.3	9.1%	8.8%
Total Service Revenues	11985.3	11897.4	11832.8	11216.0	11019.2	11018.7	-7.4%	0.0%
Operating Expenditure								
Staff Cost	4,284.5	4,329.8	3,607.0	4,457.6	4,750.4	4,546.2	5.0%	-4.3%
As a percentage of revenue (%)	36%	36%	30%	40%	43%	41%		
Administrative Expenses	2,315.1	1,981.6	5,312.8	2,103.3	2,611.9	2,424.1	22.3%	-7.2%
As a percentage of revenue (%)	19%	17%	45%	19%	24%	22%		
License Cost	1,073.9	1,145.0	952.1	999.1	1,057.2	991.7	-13.4%	-6.2%
As a percentage of Service revenue (%)	9%	10%	8%	9%	10%	9%		
Revenue Sharing	2,537.1	2,623.4	953.7	1,912.2	2,069.1	2,093.6	-20.2%	1.2%
As a percentage of service revenue (%)	21%	22%	8%	17%	19%	19%		
Total Operating Expenditure	10,210.6	10,079.8	10,825.5	9,472.2	10,488.5	10,055.6	-0.2%	-4.1%
As a percentage of revenue (%)	85.2	84.7	91.5	84.5	95.2	91.3		
EBITDA	1774.6	1817.7	1007.3	1743.8	530.7	963.1	-47.0%	81.5%
EBITDA Margin (%)	14.8	15.3	8.5	15.5	4.8	8.7		
Depreciation and amortisation	1,785.6	1,695.7	1,885.9	1,780.1	1,795.9	1,833.2	8.1%	2.1%
EBIT	(40.0)	121.9	(878.7)	(26.2)	(4.26E.2)	(970.4)	-813.6%	-31.2%
EBIT Margin (%)	(10.9) 0%	121.9	-7%	(36.3) 0%	(1,265.2) -11%	(870.1) -8%	-013.0%	-31.276
Interest & Financial Expenses	3.6	13.5	19.7	8.8	1.1	17.0	25.7%	1459.6%
·	1,467.8	1,371.8	2,400.2		1,549.1	1,500.0		
Other Income	1,467.8	1,3/1.8	2,400.2	1,566.4	1,549.1	1,500.0	9.3%	-3.2%
Profit before tax	1,453.3	1,480.2	1,501.9	1,521.2	282.9	612.9	-58.6%	116.7%
PBT Margin (%)	12.1	12.4	12.7	13.6	2.6	5.6		
Tax Expense	505.4	503.8	671.8	369.2	392.2	214.5	-57.4%	-45.3%
Effective Tax Rate (%)	34.8	34.0	44.7	24.3	138.7	35.0	011170	10.07
				-				
Reported Profit after tax	947.8	976.4	830.0	1,152.0	(109.3)	398.4	-59.2%	-464.4%
Normalised Profit after tax	947.8	572.1	1,282.6	1,152.0	199.1	398.4	-30.4%	100.1%
PAT Margin (%)	7.9	4.8	10.8	10.3	1.8	3.6		
Outputing Matrice								
Operating Metrics	2.2	2.0	2.0	2.4	2.7	2.0	22.007	0.50
GSM wireless subscribers (m)	2.8	3.0	3.2	3.4	3.7	3.9	32.6%	6.5%
· · · ·	2.8 3.7 284.2	3.0 3.7 242.1	3.2 3.8 236.5	3.4 3.7 212.9	3.7 3.7 206.9	3.9 3.6 196.5	32.6% -1.8% -18.8%	6.5% -1.4% -5.0%

Fig 6 OnMobile: 3Q FY3/09 result estimates

Amount in Rs. Million, except ratios	3QFY08A	4QFY08A	1QFY09A	2QFY09A	3QFY09E	— (% chg YoY)	(% chg QoQ
	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	— (% clig 101)	(% chig Que
Revenues							
Telecom Value Added Services	709.0	670.0	748.3	904.6	1,042.1	47.0%	15.2%
Domestic	496.3	502.5	598.6	745.6	857.4	72.8%	15.0%
International	212.7	167.5	149.7	159.0	184.7	-13.2%	16.1%
Other Services	96.0	18.0	30.2	70.0	70.0	-27.1%	0.0%
Total Revenue	805.0	688.0	778.5	974.6	1,112.1	38.1%	14.1%
Operating Expenses							
Cost of Sales & Services	96.0	130.0	135.9	181.6	194.6	102.7%	7.2%
(% of total revenues)	11.9	18.9	17.5	18.6	17.5		
Content fee & royalty	58.0	62.0	75.9	119.4	122.3	110.9%	2.5%
(% of Total Revenue)	7.2	9.0	9.7	12.3	11.0		
Other sales & services expenditure	38.0	68.0	60.0	62.2	72.3	90.2%	16.2%
Manpower costs	188.0	187.5	244.1	307.3	311.4	65.6%	1.3%
(% of total revenues)	23.4	27.2	31.4	31.5	28.0		
Administration and other expenses	128.0	200.5	189.6	212.0	233.5	82.5%	10.2%
(% of total revenues)	15.9	29.1	24.4	21.8	21.0		
Total Operating Expenses	412.0	518.0	569.6	700.9	739.5	79.5%	5.5%
(% of total revenues)	51.2	75.3	73.2	71.9	66.5		
EBITDA	393.0	170.0	208.9	273.7	372.6	-5.2%	36.1%
EBITDA Margin	48.8	24.7	26.8	28.1	33.5		
Depreciation	72.0	83.8	91.8	107.9	124.8	73.3%	15.6%
EBIT	204.0		447.4	405.0	047.0	00.00/	40.50
	321.0	86.2	117.1	165.8	247.8	-22.8%	49.5%
EBIT Margin	39.9	12.5	15.0	17.0	22.3		
Finance charges	9.0	7.0	0.0	0.0	0.0	4005 50/	0.004
Other income Profit Before Taxes (PBT)	4.0 316.0	32.8 112.0	84.9 202.0	86.6 252.4	81.4 329.2	1935.5% 4.2%	-6.0% 30.4 %
						/	
Taxation							
Provision for taxation	59.0	65.0	50.3	68.9	96.8	64.0%	40.4%
Current tax	45.0	54.0	50.2	67.0	85.6		
(% of PBT)	14.2	48.2	24.9	26.5	26.0		
Deferred tax	11.0	8.0	(3.7)	(0.8)	4.9		
(% of PBT)	3.5	7.1	-1.8	-0.3	1.5		
Fringe benefit tax	3.0	3.0	3.8	2.7	6.2		
(% of total manpower costs)	1.6	1.6	1.6	0.9	2.0		
Excess Provision in earlier years	0.0	0.0	0.0	0.0	0.0		
Provision for taxation as % of PBT	18.7	58.1	24.9	27.3	29.4		
Profit After Tax	257.0	47.0	151.7	183.5	232.5	-9.5%	26.7%
Profit After Taxes (PAT)	257.0	47.0	151.7	183.5	232.5	-9.5%	26.7%
Share of Profit of Minority interest	0.0	0.0	0.0	0.0	0.0		
Profit After Taxes (PAT) and Minority Interest	257.0	47.0	151.7	183.5	232.5	-9.5%	26.7%
PAT Margin (%)	31.9	6.8	19.5	18.8	20.9		
Adjusted Earnings Per Share (Rs.)							
Basic	5.3	0.8	2.6	3.2	4.0	-23.6%	26.5%
	5.0	0.8	2.6	3.1	3.9	-22.6%	26.7%

Macquarie Research Equities - Flyer

Fig 7 Macquarie – Global emerging market telecom valuation

							EV/EBITDA by										
	Bloombera	Rec	Price	EV/EB	ITDA (x)		EBITDA CAGR		PER (x)		PEG	ROE	EBITDA CAGR	EPS CAGR	F	P/BV (x)	
Company Name	Ticker		lcy	FY3/09E F	Y3/10E F	Y3/11E	FY2008-10E	FY3/09E I	Y3/10E F	Y3/11E	(FY3/08-3/10E)	(FY09E, %)	(FY3/08-3/10E, %)	(FY3/08-3/10E, %)	FY3/09E F	Y3/10E F	FY3/11E
Bharti Airtel	BHARTI IN	OP	646.9	8.4	6.7	5.6	0.3	15.1	11.0	9.8	0.5	33.9	29.2	28.9	4.1	3.2	2.6
Reliance Comms	RCOM IN	OP	184.9	6.1	5.4	4.1	0.3	6.5	5.7	4.8	0.5	23.0	20.8	14.1	1.2	1.0	0.9
Idea Cellular	IDEA IN	UP	44.1	5.4	5.8	5.1	0.3	14.5	13.3	12.6	-1.7	23.1	19.4	-8.4	0.9	0.9	0.8
MTNL	MTNL IN	UP	73.4	1.9	7.9	8.0	-0.1	39.5	80.4	-16.5	-0.6	1.0	-26.9	-61.4	0.4	0.4	0.4
China Mobile	941 HK	OP	69.2	4.8	4.3	3.9	0.5	11.0	10.6	10.0	0.7	27.7	9.2	16.1	2.8	2.5	2.3
China Unicom	762 HK	UP	8.2	2.6	3.0	2.9	0.1	11.1	11.6	18.0	1.6	9.1	46.1	7.1	1.0	0.7	0.7
Indosat	ISAT IJ	UP	5,800.0	4.8	4.6	4.5	0.8	13.5	13.0	11.3	3.9	13.6	5.9	3.5	1.8	1.7	1.6
SK Telecom	017670 KS	OP	210,000.0	5.0	4.6	4.3	3.1	11.9	9.8	8.8	0.9	12.2	1.6	13.4	1.4	1.3	1.2
KT Freetel	032390 KS	N	28,450.0	3.8	2.8	2.4	0.4	-173.4	18.6	10.7	-3.9	3.6	9.7	44.0	1.2	1.1	1.0
LG Telecom	032640 KQ	OP	9,660.0	4.1	3.4	2.9	0.2	10.3	8.0	7.4	0.5	16.9	16.7	19.1	1.3	1.2	1.0
Digi.Com	DIGI MK	N	21.0	7.4	7.1	6.3	2.5	13.1	12.1	10.8	39.8	65.4	3.0	0.3	8.5	7.6	6.5
Telekom Malaysia International	TI MK	OP	3.7	3.6	3.3	2.8	0.2	8.3	11.1	10.4	-4.7	14.2	15.7	-1.7	1.1	1.0	0.9
Globe	GLO PM	OP	810.0	3.3	3.0	2.8	1.4	7.8	7.0	6.7	1.1	24.1	2.3	7.3	1.8	1.7	1.6
Far EasTone	4904 TT	N	32.8	5.3	5.0	5.1	na	10.0	9.5	9.3	-2.9	14.1	-1.9	-3.4	2.0	1.9	1.8
Taiwan Mobile	3045 TT	N	46.7	5.5	5.3	5.2	2.5	8.8	8.4	8.5	0.2	37.4	2.2	58.5	3.0	2.8	2.8
AIS	ADVANC TB	UP	73.0	5.1	5.3	5.5	-4.7	13.2	12.5	11.9	-4.5	23.9	-1.1	-3.0	2.9	3.0	3.1
TAC	DTAC TB	UP	29.5	4.3	4.4	4.4	1.3	7.1	6.3	5.8	1.1	17.0	3.3	6.5	1.2	1.1	1.0
MobileOne	M1 SP	OP	1.5	5.1	5.5	5.6	na	9.4	9.6	10.0	na	71.9	-5.5	-11.7	6.5	6.2	5.8
MTN Group Ltd	MTN SJ	OP	9,830.0	4.8	3.8	3.3	0.2	11.2	8.3	6.5	0.4	30.7	29.2	31.7	3.4	2.6	2.0
Orascom Telecom Holding	ORTE EY	NR	26.5	5.1	4.8	4.4		3.1	3.0	6.1							
Vivo Participacoes Sa	VIVO3 BZ	NR	34.5	4.0	3.5	3.3		36.0	20.0	11.3							
America Movil Sab De C-Ser L	AMXL MM	NR	20.0	6.7	6.2	6.0		11.1	9.1	8.3							
Etihad Etisalat Co	EEC AB	NR	29.5	8.7	7.6	7.1		9.0	9.6	8.4							
Saudi Telecom Co	STC AB	NR	50.3	7.4	6.9	6.5		7.6	7.5	7.3							
Qatar Telecom (Q-Tell) Q.S.C	QTEL QD	NR	105.8	6.4	5.1	4.7		6.1	4.3	3.7							
Average	<u> </u>		<u> </u>	5.3	4.9	4.5		3.4	10.0	9.1		· ·				· ·	
Average (ex-China Mobile)				5.3	4.9	4.6		3.1	10.0	9.1			-				

 RCOM's valuation (discount)/premium to Bharti
 -27%
 -26%
 -57%
 -49%
 -51%
 -57%
 -68%
 -67%

 Idea's valuation (discount)/premium to Bharti
 -35%
 -14%
 -9%
 -4%
 20%
 29%
 -77%
 -73%
 -69%

Prices as of 19 January 2009

Source: Bloomberg, Macquarie Research, January 2009

RCOM is trading at 20% discount to Bharti on March 2010E EV/EBITDA

Delianas Communications

Fig 8 Key annual operating & financial metrics – wireless business: Bharti and RCOM

Bharti Airtel						
March Year ends; Rs million	FY06	FY07	FY08	FY09E	FY10E	FY11E
Subscriber (m)	40.50	27.44	C4 00	02.00	440.40	427.40
Subscribers (m)	19.58	37.14	61.98	93.08	119.48	137.48
YoY growth (%)	78.2	89.7	66.9	50.2	28.4	15.1
Gross ARPU (Rs)	474	427	370	321	280	258
YoY growth (%)	-7.7	-9.9	-13.3	-13.3	-12.8	-7.9
Total minutes carried (m)	70,456	152,583	284,399	494,449	591,197	657,892
YoY growth (%)	na	116.6	86.4	73.9	19.6	11.3
Avg. monthly MoUs per subscriber	407	461	483	532	529	532
YoY growth (%)	-37.5	13.3	4.9	10.1	-0.5	0.6
Total Population Centres covered	-	4,432	13,308	na	na	na
YoY growth (%)	na	na	200.3	na	na	na
Wireless Revenues (Rs m)	82,392	141,443	217,861	298,142	356,772	397,021
YoY growth (%)	52.5	71.7	<i>54.0</i>	36.8	19.7	11.3
ARPM (Rs)	1.17	0.93	0.77	0.60	0.53	0.48
YoY growth (%)	-22.1	-20.5	-17.3	-21.2	-12.4	-8.5
Avg. EBITDA per minute (Rs)	0.40	0.34	0.30	0.18	0.17	0.16
YoY growth (%)	-2.7	-14.8	-12.4	-37.9	-10.2	-5.0
Wireless EBITDA (Rs m)	29,712	53,253	85,481	91,373	111,950	129,261
YoY growth (%)	60.4	79.2	60.5	6.9	22.5	15.5
EBITDA margin (%)	36.1	37.6	39.2	30.6	31.4	32.6
YoY expansion (basis points)	177.7	158.8	158.7	-858.9	73.1	117.9
VAS as % of total revenue	10.4%	10.4%	9.6%	10.3%	11.4%	12.3%
YoY growth (%)	29.8	-0.1	-7.6	7.6	11.0	7.8
Total employees	na	5,532	6,107	na	na	na
YoY growth (%)	na	na	10.4	na	na	na

Reliance Communications						
March Year ends; Rs million	FY06	FY07	FY08	FY09E	FY10E	FY11E
Subscribers (m)	20.21	28.01	45.79	67.52	88.57	104.39
YoY growth (%)	na	38.6	63.5	47.4	31.2	17.9
Gross ARPU (Rs)	401	358	345	264	230	218
YoY growth (%)	na	-10.7	-3.6	-23.5	-12.8	-5.5
Total minutes carried (m)	110,691	150,178	203,940	281,954	372,946	451,837
YoY growth (%)	na	35.7	35.8	38.3	32.3	21.2
Avg. monthly MoUs per subscriber	538	486	466	415	398	390
YoY growth (%)	na	-9.6	-4.3	-10.9	-4.0	-2.0
Total Population Centres covered	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Wireless Revenues (Rs m)	73,643	107,276	152,135	178,353	215,576	251,916
YoY growth (%)	na	45.7	41.8	17.2	20.9	16.9
ARPM (Rs)	0.75	0.74	0.74	0.64	0.58	0.56
YoY growth (%)	na	-1.3	0.7	-14.1	-9.2	-3.5
Avg. EBITDA per minute (Rs)	0.23	0.27	0.29	0.25	0.23	0.23
YoY growth (%)	na	21.3	6.3	-14.9	-5.8	-1.3
Wireless EBITDA (Rs m)	22,490	39,846	60,847	69,818	86,979	103,993
YoY growth (%)	na	77.2	52.7	14.7	24.6	19.6
EBITDA margin (%)	30.5	37.1	40.0	39.1	40.3	41.3
YoY expansion (basis points)	na	660.4	285.2	-84.9	120.2	93.3
VAS as % of total revenue	5.9%	6.3%	6.3%	7.6%	9.8%	10.4%
YoY growth (%)	na	6.5	0.9	19.5	28.9	7.1
Total employees	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na

Source: Company data, Macquarie Research, January 2009

Fig 9 Key annual operating & financial metrics – wireless business: Idea and MTNL

FY06	FY07	FY08	FY09E	FY10E	FY11E
7.07	44.04	24.00	20.04	40.00	E7.40
	_				57.10
					15.6
			_	_	198
					-8.0
20,921	45,931	86,212	155,384	218,217	265,936
61.3	119.5	87.7	80.2	40.4	21.9
289	353	395	427	422	416
135,115.0	22.1	11.9	8.0	-1.1	-1.3
1,944	4,432	13,308	na	na	na
76.9	128.0	200.3	na	na	na
29,489	43,500	67,199	93,716	111,193	126,398
31.3	47.5	<i>54.5</i>	39.5	18.6	13.7
1.35	0.96	0.75	0.60	0.51	0.48
-19.0	-29.0	-22.4	-19.4	-15.3	-6.7
0.49	0.29	0.25	0.17	0.15	0.14
-21.7	-41.1	-13.5	-32.0	-13.5	-5.0
10,674	14,653	22,517	26,568	32,109	38,837
30.0	37.3	53.7	18.0	20.9	21.0
36.0	33.6	33.5	28.3	28.9	30.7
-40.2	-243.6	-5.0	-515.8	52.7	184.9
7.5%	9.0%	8.2%	9.3%	10.2%	11.3%
0.0	20.0	-8.7	13.3	9.3	10.7
3,720	5,532	6,107	na	na	na
na	48.7	10.4	na	na	na
	7.37 45.3 391 -5.6 20,921 61.3 289 135,115.0 1,944 76.9 29,489 31.3 1.35 -19.0 0.49 -21.7 10,674 30.0 36.0 -40.2 7.5% 0.0 3,720	7.37 14.01 45.3 90.2 391 339 -5.6 -13.3 20,921 45,931 61.3 119.5 289 353 135,115.0 22.1 1,944 4,432 76.9 128.0 29,489 43,500 31.3 47.5 1.35 0.96 -19.0 -29.0 0.49 0.29 -21.7 -41.1 10,674 14,653 30.0 37.3 36.0 33.6 -40.2 -243.6 7.5% 9.0% 0.0 20.0 3,720 5,532	7.37 14.01 24.00 45.3 90.2 71.3 391 339 295 -5.6 -13.3 -13.1 20,921 45,931 86,212 61.3 119.5 87.7 289 353 395 135,115.0 22.1 11.9 1,944 4,432 13,308 76.9 128.0 200.3 29,489 43,500 67,199 31.3 47.5 54.5 1.35 0.96 0.75 -19.0 -29.0 -22.4 0.49 0.29 0.25 -21.7 -41.1 -13.5 10,674 14,653 22,517 30.0 37.3 53.7 36.0 33.6 33.5 -40.2 -243.6 -5.0 7.5% 9.0% 8.2% 0.0 20.0 -8.7 3,720 5,532 6,107	7.37 14.01 24.00 36.84 45.3 90.2 71.3 53.5 391 339 295 257 -5.6 -13.3 -13.1 -12.9 20,921 45,931 86,212 155,384 61.3 119.5 87.7 80.2 289 353 395 427 135,115.0 22.1 11.9 8.0 1,944 4,432 13,308 na 76.9 128.0 200.3 na 29,489 43,500 67,199 93,716 31.3 47.5 54.5 39.5 1.35 0.96 0.75 0.60 -19.0 -29.0 -22.4 -19.4 0.49 0.29 0.25 0.17 -21.7 -41.1 -13.5 -32.0 10,674 14,653 22,517 26,568 30.0 37.3 53.7 18.0 36.0 33.6 33.5	7.37 14.01 24.00 36.84 49.38 45.3 90.2 71.3 53.5 34.0 391 339 295 257 215 -5.6 -13.3 -13.1 -12.9 -16.3 20,921 45,931 86,212 155,384 218,217 61.3 119.5 87.7 80.2 40.4 289 353 395 427 422 135,115.0 22.1 11.9 8.0 -1.1 1,944 4,432 13,308 na na 76.9 128.0 200.3 na na 29,489 43,500 67,199 93,716 111,193 31.3 47.5 54.5 39.5 18.6 1.35 0.96 0.75 0.60 0.51 -19.0 -29.0 -22.4 -19.4 -15.3 0.49 0.29 0.25 0.17 0.15 -21.7 -41.1 -13.5

MTNL						
March Year ends; Rs million	FY06	FY07	FY08	FY09E	FY10E	FY11E
Subscribers (m)	2.05	3.05	3.70	4.55	4.79	4.91
YoY growth (%)	89.8	49.2	21.1	23.1	5.3	2.5
Gross ARPU (Rs)	331	261	239	191	156	137
YoY growth (%)	-14.1	-21.3	-8.2	-20.3	-18.4	-12.0
Total minutes carried (m)	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Avg. monthly MoUs per subscriber	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Total Population Centres covered	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Wireless Revenues (Rs m)	5,611	7,334	8,601	8,424	7,915	7,260
YoY growth (%)	95.2	30.7	17.3	-2.1	-6.0	-8.3
ARPM (Rs)	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Avg. EBITDA per minute (Rs)	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Wireless EBITDA (Rs m)	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
EBITDA margin (%)	na	na	na	na	na	na
YoY expansion (basis points)	na	na	na	na	na	na
VAS as % of total revenue	na	na	na	na	na	na
YoY growth (%)	na	na	na	na	na	na
Total employees	51,212	48,529	47,422	na	na	na
YoY growth (%)	-6.0	-5.2	-2.3	na	na	na

Fig 10 Key quarterly operating & financial metrics – Wireless business: Bharti and RCOM

Bharti Airtel - Actuals for 2QFY09								
March Year ends; Rs million	4QFY07	1QFY08	2QFY08	3QFY08	4QFY08	1QFY09	2QFY09A	3QFY09E
Out and out (m)	07.44	40.70	40.00	FF 40	64.00	60.00	77.40	05.04
Subscribers (m) YoY growth (%)	37.14 89.7	42.70 85.1	48.88 <i>80.6</i>	55.16 <i>7</i> 2.5	61.98 <i>66.9</i>	69.38 <i>62.5</i>	77.48 58.5	85.64 <i>55.2</i>
QoQ growth (%)	16.2	15.0	14.5	12.9	12.4	11.9	11.7	10.5
Gross ARPU (Rs)	406	390	366	358	357	350	331	314
YoY growth (%)	-8.1	-11.5	-16.5	-16.2	-12.1	-10.4	-9.5	-12.2
QoQ growth (%)	-4.8	-3.9	-6.3	-2.2	-0.2	-2.1	-5.3	-5.1
Blended Churn	3.6%	4.0%	3.8%	3.9%	4.3%	3.8%	3.2%	na
Total minutes carried (m)	49,240	57,125	64,375	73,840	89,058	105,217	115,834	129,705
YoY growth (%) QoQ growth (%)	112.4 19.2	102.6 16.0	90.2 12.7	78.8 14.7	80.9 20.6	84.2 18.1	79.9 10.1	75.7 12.0
Avg. monthly MoUs per subscriber	475	478	469	474	507	534	526	530
YoY growth (%)	10.1	8.3	3.9	1.4	6.8	11.8	12.2	11.9
QoQ growth (%)	1.6	0.7	-1.9	1.1	7.0	5.4	-1.6	0.8
Total Population Centres covered	212,003	248,439	294,876	325,525	347,646	369,335	389,571	na
YoY growth (%)	151.2	135.2	85.0	79.7	64.0	48.7	32.1	na
QoQ growth (%)	17.0	17.2	18.7	10.4	6.8	6.2	5.5	na
Wireless Revenues (Rs m)	42,431	46,976	50,579	56,105	64,201	69,150	72,843	76,852
YoY growth (%)	75.8	65.3	53.2	49.3	51.3	47.2	44.0	37.0
QoQ growth (%)	12.9 0.86	10.7 0.82	7.7 0.78	10.9 0.76	14.4 0.70	7.7 0.65	5.3 0.63	5.5 0.59
ARPM (Rs) YoY growth (%)	-16.6	-18.3	-19.6	-17.3	-17.7	-19.9	-19.4	-21.5
QoQ growth (%)	-6.3	-4.5	-4.4	-3.3	-6.7	-7.1	-3.8	-5.8
Avg. EBITDA per minute (Rs)	0.34	0.33	0.32	0.31	0.26	0.20	0.19	0.18
YoY growth (%)	-10.4	-9.0	-10.3	-9.3	-24.2	-39.6	-41.0	-42.8
QoQ growth (%)	-1.2	-1.1	-3.5	-3.8	-17.4	-21.2	-5.7	-6.8
Wireless EBITDA (Rs m)	16,604	19,087	20,728	22,887	22,779	21,218	22,009	22,957
YoY growth (%)	89.8	84.6	70.2	62.0	37.2	11.2	6.2	0.3
QoQ growth (%)	17.5	15.0	8.6	10.4	-0.5	-6.9	3.7	4.3
EBITDA margin (%)	39.1	40.6	41.0	40.8	35.5	30.7	30.2	29.9
YoY expansion (basis points) QoQ expansion (basis points)	289.2 153.4	423.4 150.0	410.0 35.0	319.5 -18.8	-365.1 -531.2	-994.7 -479.7	-1,076.7 -47.0	-1,092.1 -34.3
VAS as % of total revenue	10.1%	9.9%	9.8%	9.3%	9.4%	9.7%	10.0%	10.4%
YoY growth (%)	-5.6	-8.3	-4.9	-10.6	-6.9	-2.0	2.0	12.2
QoQ growth (%)	-2.9	-2.0	-1.0	-5.1	1.1	3.2	3.1	4.4
			23,264	24,703	25,543	26,144	25,616	na
Total employees	20,314	22,955	23,204					no
/	20,314 na	22,955 na	na	35.6	25.7	13.9	10.1	na
Total employees				•	25.7 3.4	13.9 2.4	10.1 -2.0	na na
Total employees YoY growth (%) QoQ growth (%)	na 11.5	na	na	35.6				
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for	na 11.5 r 2QFY09	na 13.0	na 1.3	35.6 6.2	3.4	2.4	-2.0	na
Total employees YoY growth (%) QoQ growth (%)	na 11.5	na	na	35.6				
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for	na 11.5 r 2QFY09	na 13.0	na 1.3	35.6 6.2	3.4	2.4	-2.0	na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million	na 11.5 r 2QFY09 4QFY07	na 13.0 1QFY08	na 1.3 2QFY08	35.6 6.2 3QFY08	3.4 4QFY08	2.4 1QFY09	-2.0 2QFY09A	na 3QFY09E
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6	13.0 1QFY08 31.87 41.5 13.8	2QFY08 2QFY08 36.32 39.8 14.0	35.6 6.2 3QFY08 40.96 36.6 12.8	3.4 4QFY08 45.79 63.5 11.8	2.4 1QFY09 50.79 59.4 10.9	-2.0 2QFY09A 56.05 54.3 10.4	3QFY09E 61.34 49.7 9.4
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs)	na 11.5 7 2QFY09 4QFY07 28.01 38.6 -6.6 377	13.0 1QFY08 31.87 41.5 13.8 375	2QFY08 36.32 39.8 14.0 361	35.6 6.2 3QFY08 40.96 36.6 12.8 339	3.4 4QFY08 45.79 63.5 11.8 317	2.4 1QFY09 50.79 59.4 10.9 282	-2.0 2QFY09A 56.05 54.3 10.4 271	3QFY09E 61.34 49.7 9.4 262
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%)	na 11.5 7 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5	13.0 1QFY08 31.87 41.5 13.8 375 -1.1	2QFY08 36.32 39.8 14.0 361 2.0	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4	3.4 4QFY08 45.79 63.5 11.8 317 -15.9	2.4 1QFY09 50.79 59.4 10.9 282 -24.8	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9	3QFY09E 61.34 49.7 9.4 262 -22.8
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) QoQ growth (%)	na 11.5 7 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9	13.0 13.0 10FY08 31.87 41.5 13.8 375 -1.1 -0.5	na 1.3 2QFY08 36.32 39.8 14.0 361 2.0 -3.7	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9	9.4 262 -22.8 -3.4
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5%	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4%	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4%	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4%	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3%	9.4 262 -22.8 -3.4 na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786	94 262 22.8 -3.4 na 73,364
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5%	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4%	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4%	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4%	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3%	94 262 -22.8 -3.4 na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na	9.4 262 -22.8 na 73,364 na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) QoQ growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na	9.4 262 -22.8 -3.4 na 73,364 na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4	73,364 na 73,364 na 71,75 71,5
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) QoQ growth (%) Total Population Centres covered	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na	10FY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na	73,364 na 71,75 na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na	73,364 na 73,364 na 71,72 na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) QoQ growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na na	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na na	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na	73,364 na 71,72 1.5 na na
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na na 29,692	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na na 33,730	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na na 37,230	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na na 39,567	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na na 41,187	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na na 43,356	73,364 na 71,72 10,10 73,364 na na 71,15 na na 10,10 1
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na 29,692 40.0	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na na 33,730 38.7	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na 37,230 44.6	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na na 39,567 43.8	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na na 41,608 40.1	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na na 41,187 22.1	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na na 43,356 16.5	73,364 na 417 -7.2 -1.5 na na 46,101
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na na 29,692	13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na na 33,730	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na na 37,230	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na na 39,567	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na na 41,187	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na na 43,356	73,364 na 71,72 10,10 73,364 na na 71,15 na na 10,10 1
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na 29,692 40.0 7.9	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na 33,730 38.7 13.6	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na 37,230 44.6 10.4	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na 39,567 43.8 6.3	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608 40.1 5.2	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na na 43,356 16.5 5.3	73,364 na 73,364 na na na 46,101 16.5 6.3
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na na 29,692 40.0 7.9	10FY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na 33,730 38.7 13.6 0.74	2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na na 37,230 44.6 10.4 0.74	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na na 39,567 43.8 6.3 0.76	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 20.5 -4.2 na na na 41,608 40.1 5.2 0.74	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 141,187 22.1 -1.0 0.66	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na 43,356 16.5 5.3 0.64	73,364 na 73,364 na na 7417 -7.2 -1.5 na na 46,101 16.5 6.3
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na 29,692 40.0 7.9 0.70 -2.2 -3.5	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na na 33,730 38.7 13.6 0.74 -4.7 5.5 0.29	7.3 2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na 37,230 44.6 10.4 0.74 -4.1 0.2 0.26	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na 39,567 43.8 6.3 0.76 4.5 2.5	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608 40.1 5.2 0.74 5.8 -2.4 0.30	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0 0.66 -9.7 -9.9 0.27	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na na 43,356 16.5 5.3 0.64 -13.0 -3.5 0.25	73,364 na 73,364 na na 71.5 na na 46,101 16.5 6.3 0.63 -16.8 -1.9
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) Avg. EBITDA per minute (Rs) YoY growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na 29,692 40.0 7.9 0.70 -2.2 -3.5 0.27 6.3	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na na 33,730 38.7 13.6 0.74 -4.7 5.55 0.29 5.2	7.3	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na 449 -1.1 -8.4 na na 39,567 43.8 6.3 0.76 4.5 2.5 0.30 12.5	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608 40.1 5.2 0.74 5.8 -2.4 0.30 10.7	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0 0.666 -9.7 -9.9 0.27 -7.4	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na na 43,356 16.5 5.3 0.64 -13.0 -3.5 0.25 -5.6	73,364 na 73,364 na na 417 -7.2 -1.5 na na 46,101 16.5 6.3 0.63 -16.8 -1.9
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) ARPM (Rs) YoY growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na 29,692 40.0 7.9 0.70 -2.2 -3.5 0.27 6.3 0.2	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na 33,730 38.7 13.6 0.74 -4.7 5.5 0.29 5.2 8.0	na 1.3 2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na 37,230 44.6 10.4 0.74 -4.1 0.2 0.26 -4.9 -9.9	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na 39,567 43.8 6.3 0.76 4.5 2.5 0.30 12.5 15.3	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608 40.1 5.2 0.74 5.8 -2.4 0.30 10.7 -1.4	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0 0.66 -9.7 -9.9 0.27 -7.4 -9.7	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na 43,356 16.5 5.3 0.64 -13.0 -3.5 0.25 -5.6 -8.1	73,364 na 73,364 na na 417 -7.2 -1.5 na na 46,101 16.5 6.3 0.63 -16.8 -1.9 0.24 -20.0 -2.2
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na a 29,692 40.0 7.9 0.70 -2.2 -3.5 0.27 6.3 0.2	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na 33,730 38.7 13.6 0.74 -4.7 5.5 0.29 5.2 8.0 13,392	na 1.3 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na 37,230 44.6 10.4 0.74 -4.1 0.26 -4.9 -9.9 14,873	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na 39,567 43.8 6.3 0.76 4.5 2.5 0.30 12.5 15.3	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 41,608 40.1 5.2 0.74 5.8 -2.4 0.30 10.7 -1.4 16,763	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0 0.66 -9.7 -9.9 0.27 -7.4 -9.7 16,623	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na 43,356 16.5 5.3 0.64 -13.0 -3.5 0.25 -5.6 -8.1	73,364 na 73,364 na na 7417 -7.2 -1.5 na na 46,101 16.5 6.3 0.63 -16.8 -1.9 0.24 -20.0 -2.2 17,840
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%)	na 11.5 r 2QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 19.2 na na na 29,692 40.0 7.9 0.70 -2.2 -3.5 0.27 6.3 0.2 11,511 52.0	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na 33,730 38.7 13.6 0.74 -4.7 5.5 0.29 5.2 8.0 13,392 53.1	na 1.3 2QFY08 36.32 39.8 14.0 361 2.0 -3.7 1.5% 50,122 na na 490 6.3 -3.9 na na 37,230 44.6 10.4 0.74 -4.1 0.2 0.26 -4.9 -9.9 14,873 60.0	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na 39,567 43.8 6.3 0.76 4.5 2.5 0.30 12.5 15.3 15,819 53.7	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.4% 55,959 na na 430 -20.5 -4.2 na na 44,608 40.1 5.2 0.74 5.8 -2.4 0.30 10.7 -1.4 16,763 45.6	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0 0.66 -9.7 -9.9 0.27 -7.4 -9.7 16,623 24.1	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na 43,356 16.5 5.3 0.64 -13.0 -3.5 0.25 -5.6 -8.1 16,859 13.4	73,364 na 73,364 na na 7417 -7.2 -1.5 na na 46,101 16.5 6.3 0.63 -16.8 -1.9 0.24 -20.0 -2.2 17,840 12.8
Total employees YoY growth (%) QoQ growth (%) Reliance Communications - Actuals for March Year ends; Rs million Subscribers (m) YoY growth (%) QoQ growth (%) Gross ARPU (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%)	na 11.5 12QFY09 4QFY07 28.01 38.6 -6.6 377 -0.5 14.9 nmf 47,057 na na 541 1.7 19.2 na na 29,692 40.0 7.9 0.70 -2.2 -3.5 0.27 6.3 0.2 11,511 52.0 11.8	na 13.0 1QFY08 31.87 41.5 13.8 375 -1.1 -0.5 nmf 45,805 na na 510 3.9 -5.7 na na 33,730 38.7 13.6 0.74 -4.7 5.5 0.29 5.2 8.0 13,392 53.1 16.3	7.3 20 44.6 10.4 0.74 -4.1 0.2 0.26 -4.9 -9.9 14,873 60.0 11.1	35.6 6.2 3QFY08 40.96 36.6 12.8 339 3.4 -6.1 1.4% 52,054 na na 449 -1.1 -8.4 na na 39,567 43.8 6.3 0.76 4.5 2.5 0.30 12.5 15.3 15,819 53.7 6.4	3.4 4QFY08 45.79 63.5 11.8 317 -15.9 -6.5 1.49% 55,959 na na 430 -20.5 -4.2 na na na 41,608 40.1 5.2 0.74 5.8 -2.4 0.30 10.7 -1.4 16,763 45.6 6.0	2.4 1QFY09 50.79 59.4 10.9 282 -24.8 -11.0 1.4% 61,527 na na 425 -16.7 -1.2 na na 41,187 22.1 -1.0 0.66 -9.7 -9.9 0.27 -7.4 -9.7 16,623 24.1 -0.8	-2.0 2QFY09A 56.05 54.3 10.4 271 -24.9 -3.9 1.3% 67,786 na na 423 -13.7 -0.4 na na 43,356 16.5 5.3 0.64 -13.0 -3.5 0.25 -5.6 -8.1 16,859 13.4 1.4	73,364 na 73,364 na na 417 -7.2 -1.5 na na 46,101 16.5 -6.3 0.63 -16.8 -1.9 0.24 -20.0 12.8 5.8
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Fig 11 Key quarterly operating & financial metrics – Wireless business: Idea and MTNL

Idea Cellular - Actuals for 2QFY09 March Year ends; Rs million	4QFY07	1QFY08	2QFY08	3QFY08	4QFY08	1QFY09	2QFY09A	3QFY09E
Subscribers (m)	14.01	16.13	18.67	21.05	24.00	27.19	30.38	34.06
YoY growth (%)	na	88.9	80.2	69.2	71.3	68.6	62.7	41.9
QoQ growth (%)	12.6	15.1	15.8	12.8	14.0	13.3	11.7	12.1
Gross ARPU (Rs)	317	320	288	279	287	278	261	245
YoY growth (%)	na	-15.2	-14.0	-13.4	-9.5	-13.1	-9.4	-12.3
QoQ growth (%)	-1.6	0.9	-10.0	-3.1	2.9	-3.1	-6.1	-6.2
Blended Churn	4.2%	4.2%	4.5%	4.7%	4.6%	4.0%	3.9%	na
Total minutes carried (m)	15,469	17,100	18,831	22,457	27,824	33,087	36,315	41,120
YoY growth (%)	na	111.2	93.4	77.8	79.9	93.5	92.8	83.1
QoQ growth (%)	22.5	10.5	10.1	19.3	23.9	18.9	9.8	13.2
Avg. monthly MoUs per subscriber	387	381	360	377	411	428	417	425
YoY growth (%)	na	7.0	4.7	2.2	6.2	12.3	15.8	12.8
QoQ growth (%)	4.9	-1.6	-5.5	4.7	9.0	4.1	-2.6	2.0
Total Population Centres covered	4,432	6,066	8,413	11,104	13,308	na	na	na
YoY growth (%)	na	167.1	177.6	207.8	200.3	na	na	na
QoQ growth (%)	22.9	36.9	38.7	32.0	19.8	na	na	na
Wireless Revenues (Rs m)	13,057	14,773	15,622	17,081	19,724	21,735	22,992	23,664
YoY growth (%)	na	65.2	56.1	49.0	51.1	47.1	47.2	38.5
QoQ growth (%)	13.9	13.1	5.7	9.3	15.5	10.2	5.8	2.9
ARPM (Rs)	0.82	0.84	0.80	0.74	0.70	0.65	0.62	0.58
YoY growth (%)	na	-20.8	-17.9	-15.2	-14.8	-22.7	-22.5	-22.2
QoQ growth (%)	-6.1	2.5	-4.8	-7.5	-5.6	-7.0	-4.5	-7.2
Avg. EBITDA per minute (Rs)	0.27	0.30	0.27	0.25	0.24	0.22	0.17	0.15
YoY growth (%)	na	-16.1	-21.1	-14.0	-12.7	-26.4	-38.5	-40.6
QoQ growth (%)	-7.3	9.6	-8.9	-7.1	-5.8	-7.6	-23.8	-10.3
Wireless EBITDA (Rs m)	4,363	5,128	5,107	5,672	6,606	7,219	6,024	6,171
YoY growth (%)	na	69.8	43.9	53.1	51.4	40.8	18.0	8.8
QoQ growth (%)	17.7	17.5	-0.4	11.1	16.5	9.3	-16.6	2.5
EBITDA margin (%)	33.4	34.7	32.7	33.2	33.5	33.2	26.2	26.1
YoY expansion (basis points)	na	93.7	-275.2	88.1	7.9	-1 <i>4</i> 9.6	-649.1	-712.7
QoQ expansion (basis points)	108.8	129.6	-201.9	51.6	28.6	-27.8	-701.5	-12.0
VAS as % of total revenue	9.0%	8.4%	8.3%	8.0%	8.2%	8.9%	9.8%	9.2%
YoY growth (%)	na	-8.7	-13.5	-13.0	-8.9	6.0	18.1	15.5
QoQ growth (%)	-2.2	-6.7	-1.2	-3.6	2.5	8.5	10.1	-5.7
Total employees	5,532	5,638	5,865	5,923	6,107	6,380	6,521	na
YoY growth (%)	na	27.5	27.6	27.5	10.4	13.2	11.2	na
QoQ growth (%)	19.0	1.9	4.0	1.0	3.1	4.5	2.2	na
MTNL- Actuals for 2QFY09								
March Year ends; Rs million	4QFY07	1QFY08	2QFY08	3QFY08	4QFY08	1QFY09	2QFY09A	3QFY09E
Subscribers (m)	2.94	2.81	2.99	3.21	3.53	3.72	3.96	4.20
			26.3	26.5	20.1	32.2	32.2	30.8
ror growth (%)	43.7	25.0						
YoY growth (%) QoQ growth (%)	43.7 15.9	25.0 -4 4			10.0			
QoQ growth (%)	15.9	-4.4	6.5	7.2	10.0 237	5.3	6.4	6.1
QoQ growth (%) Blended ARPU GSM (Rs)	15.9 228	-4.4 253	6.5 284	7.2 242	237	5.3 213	6.4 207	6.1 197
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%)	15.9 228 -24.2	-4.4 253 -12.5	6.5 284 4.2	7.2 242 -12.6	237 3.7	5.3 213 -15.7	6.4 207 -27.2	6.1 197 -18.8
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7	-4.4 253 -12.5 10.7	6.5 284 4.2 12.6	7.2 242 -12.6 -14.8	237 3.7 -2.3	5.3 213 -15.7 -10.0	6.4 207 -27.2 -2.8	6.1 197 -18.8 -5.0
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn	15.9 228 -24.2 -17.7 na	-4.4 253 -12.5 10.7	6.5 284 4.2 12.6 na	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m)	15.9 228 -24.2 -17.7 na na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%)	15.9 228 -24.2 -17.7 na na	-4.4 253 -12.5 10.7 na na	6.5 284 4.2 12.6 na na	7.2 242 -12.6 -14.8 na na	237 3.7 -2.3 na na	5.3 213 -15.7 -10.0 na na	6.4 207 -27.2 -2.8 na na	6.1 197 -18.8 -5.0 na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7 na na na	-4.4 253 -12.5 10.7 na na na	6.5 284 4.2 12.6 na na na	7.2 242 -12.6 -14.8 na na na	237 3.7 -2.3 na na na	5.3 213 -15.7 -10.0 na na na	6.4 207 -27.2 -2.8 na na na	6.1 197 -18.8 -5.0 na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber	15.9 228 -24.2 -17.7 na na na na na	-4.4 253 -12.5 10.7 na na na na	6.5 284 4.2 12.6 na na na	7.2 242 -12.6 -14.8 na na na	237 3.7 -2.3 na na na na na	5.3 213 -15.7 -10.0 na na na na	6.4 207 -27.2 -2.8 na na na na	6.1 197 -18.8 -5.0 na na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%)	15.9 228 -24.2 -17.7 na na na na na	-4.4 253 -12.5 10.7 na na na na na	6.5 284 4.2 12.6 na na na na	7.2 242 -12.6 -14.8 na na na na na	237 3.7 -2.3 na na na na na	5.3 213 -15.7 -10.0 na na na na na na	6.4 207 -27.2 -2.8 na na na na na	6.1 197 -18.8 -5.0 na na na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7 na na na na na na	-4.4 253 -12.5 10.7 na na na na na na na	6.5 284 4.2 12.6 na na na na na na	7.2 242 -12.6 -14.8 na na na na na na na	237 3.7 -2.3 na na na na na na na	5.3 213 -15.7 -10.0 na na na na na na na	6.4 207 -27.2 -2.8 na na na na na	6.1 197 -18.8 -5.0 na na na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) QoQ growth (%) Total Population Centres covered	15.9 228 -24.2 -17.7 na na na na na na na na	-4.4 253 -12.5 10.7 na na na na na na na na	6.5 284 4.2 12.6 na na na na na na na	7.2 242 -12.6 -14.8 na na na na na na na	237 3.7 -2.3 na na na na na na na na na	5.3 213 -15.7 -10.0 na na na na na na na na	6.4 207 -27.2 -2.8 na na na na na na	6.1 197 -18.8 -5.0 na na na na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na na na na na na na na na	6.1 197 -18.8 -5.0 na na na na na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na na na na na na na na na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na na na na na na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) QoQ growth (%) Wireless Revenues (Rs m)	15.9 228 -24.2 -17.7 na 1,974	-4.4 253 -12.5 10.7 na 2,241	6.5 284 4.2 12.6 na na na na na na na na 2,523	7.2 242 -12.6 -14.8 na 2,329	237 3.7 -2.3 na 2,409	5.3 213 -15.7 -10.0 na 2,298	6.4 207 -27.2 -2.8 na 2,332	6.1 197 -18.8 -5.0 na na na na na na na 2,356
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na 1,974	-4.4 253 -12.5 10.7 na na na na na na na na a 2,241	6.5 284 4.2 12.6 na na na na na na na 2,523	7.2 242 -12.6 -14.8 na na na na na na na na na 2,329 6.3	237 3.7 -2.3 na 2,409	5.3 213 -15.7 -10.0 na na na na na na na na na 2,298 2.5	6.4 207 -27.2 -2.8 na na na na na na na na 2,332 -7.6	6.1 197 -18.8 -5.0 na na na na na na a na 2,356
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na 1,974 15.1 -9.9	-4.4 253 -12.5 10.7 na na na na na na na a 2,241 11.1 13.5	6.5 284 4.2 12.6 na na na na na na 2,523 26.4 12.6	7.2 242 -12.6 -14.8 na na na na na na na na 2,329 6.3 -7.7	237 3.7 -2.3 na na na na na na na na na 2,409 22.0 3.4	5.3 213 -15.7 -10.0 na na na na na na na na 2,298 2.5 -4.6	6.4 207 -27.2 -2.8 na na na na na na na 2,332 -7.6 1.5	6.1 197 -18.8 -5.0 na na na na na na na 2,356 1.2
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) QoQ growth (%) ARPM (Rs)	15.9 228 -24.2 -17.7 na na na na na na na 1,974 15.1 -9.9 na	-4.4 253 -12.5 10.7 na na na na na na na na 11.1 13.5 na	6.5 284 4.2 12.6 na na na na na na na 2,523 26.4 12.6 na	7.2 242 -12.6 -14.8 na na na na na na na na 2,329 6.3 -7.7 na	237 3.7 -2.3 na na na na na na na na na 2,409 22.0 3.4 na	5.3 213 -15.7 -10.0 na na na na na na na na 2,298 -4.6 na	6.4 207 -27.2 -2.8 na na na na na na na 2,332 -7.6 1.5 na	6.1 197 -18.8 -5.0 na na na na na na 2,356 1.2
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%)	15.9 228 -24.2 -17.7 na na na na na na na 1,974 15.1 -9.9 na na	-4.4 253 -12.5 10.7 na na na na na na na na 11.1 13.5 na na	6.5 284 4.2 12.6 na na na na na na na 2,523 26.4 12.6 na na	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na na na na na na na na 2,409 22.0 3.4 na na	5.3 213 -15.7 -10.0 na na na na na na na na 2,298 -4.6 na na	6.4 207 -27.2 -2.8 na na na na na na na 2,332 -7.6 1.5 na na	6.1 197 -18.8 -5.0 na na na na na na a 2,356 1.2 1.0
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na 1,974 15.1 -9.9 na na na	-4.4 253 -12.5 10.7 na na na na na na na na 11.1 13.5 na na na	6.5 284 4.2 12.6 na na na na na na na 2,523 26.4 12.6 na na na	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na na na na na na na na 2,409 22.0 3.4 na na na na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na na na na na na na 2,356 1.2 1.0 na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) AVg. EBITDA per minute (Rs)	15.9 228 -24.2 -17.7 na na na na na na na na 1,974 15.1 -9.9 na na na na na	-4.4 253 -12.5 10.7 na na na na na na na na 11.1 13.5 na na na na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na na na na na na na na 2,356 1.2 1.0 na na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Avg. EN Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) Avg. EBITDA per minute (Rs) YoY growth (%)	15.9 228 -24.2 -17.7 na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na na na na na na na na 2,356 1.2 1.0 na na na na na na na na na na na na na
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QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) QoQ growth (%) Wireless EBITDA (Rs m)	15.9 228 -24.2 -17.7 na na na na na na na na na n	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na na na na na na na 2,356 1.2 1.0 na na na na na na na na na na na na na
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QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) Wireless EBITDA (Rs m) YoY growth (%) Wireless EBITDA (Rs m) YoY growth (%)	15.9 228 -24.2 -17.7 na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na na na na na na na 2,356 1.2 1.0 na na na na na na na na na na na na na
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QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) Woy growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) BEITDA margin (%) YoY expansion (basis points)	15.9 228 -24.2 -17.7 na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na
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QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) EBITDA margin (%) YoY expansion (basis points) QoQ expansion (basis points) VAS as % of total revenue	15.9 228 -24.2 -17.7 na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) Wireless EBITDA (Rs m) YoY growth (%) Wireless EBITDA (Rs m) YoY growth (%) BITDA margin (%) YoY expansion (basis points) QoQ expansion (basis points) VAS as % of total revenue YoY growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na na n	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) BellTDA margin (%) YoY expansion (basis points) QoQ expansion (basis points) VAS as % of total revenue YoY growth (%) QoQ growth (%) QoQ growth (%) QoQ growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na na n	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) EBITDA margin (%) YoY expansion (basis points) QoQ expansion (basis points) VAS as % of total revenue YoY growth (%) QoQ growth (%) Total employees	15.9 228 -24.2 -17.7 na	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na
QoQ growth (%) Blended ARPU GSM (Rs) YoY growth (%) QoQ growth (%) Blended Churn Total minutes carried (m) YoY growth (%) QoQ growth (%) Avg. monthly MoUs per subscriber YoY growth (%) QoQ growth (%) Total Population Centres covered YoY growth (%) QoQ growth (%) Wireless Revenues (Rs m) YoY growth (%) QoQ growth (%) ARPM (Rs) YoY growth (%) QoQ growth (%) Avg. EBITDA per minute (Rs) YoY growth (%) QoQ growth (%) Wireless EBITDA (Rs m) YoY growth (%) QoQ growth (%) BITDA margin (%) YoY expansion (basis points) QoQ expansion (basis points) VAS as % of total revenue YoY growth (%)	15.9 228 -24.2 -17.7 na na na na na na na na na n	-4.4 253 -12.5 10.7 na	6.5 284 4.2 12.6 na na na na na na na na na n	7.2 242 -12.6 -14.8 na	237 3.7 -2.3 na	5.3 213 -15.7 -10.0 na	6.4 207 -27.2 -2.8 na	6.1 197 -18.8 -5.0 na

Important disclosures:

Recommendation definitions

Macquarie - Australia/New Zealand

Outperform – return >5% in excess of benchmark return Neutral – return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie - Asia/Europe

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie First South - South Africa

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie - Canada

Outperform – return >5% in excess of benchmark return Neutral – return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie -- USA

Outperform (Buy) – return >5% in excess of benchmark return Neutral (Hold) – return within 5% of benchmark return Underperform (Sell)– return >5% below benchmark return

Recommendations - 12 months

Note: Quant recommendations may differ from Fundamental Analyst recommendations

Volatility index definition*

This is calculated from the volatility of historical price movements.

Very high-highest risk – Stock should be expected to move up or down 60–100% in a year – investors should be aware this stock is highly speculative.

High – stock should be expected to move up or down at least 40–60% in a year – investors should be aware this stock could be speculative.

Medium – stock should be expected to move up or down at least 30–40% in a year.

Low-medium – stock should be expected to move up or down at least 25–30% in a year.

Low – stock should be expected to move up or down at least 15–25% in a year.

* Applicable to Australian/NZ/Canada stocks only

Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa*

ROA = adjusted ebit / average total assets

ROA Banks/Insurance = adjusted net profit

/average total assets
ROE = adjusted net profit / average shareholders

funds **Gross cashflow** = adjusted net profit +
depreciation

*equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

Recommendation proportions - For quarter ending 31 December 2008

	AU/NZ	Asia	RSA	USA	CA	EUR
Outperform	38.55%	50.61%	64.52%	53.13%	65.55%	43.00%
Neutral	41.82%	15.92%	25.81%	40.63%	27.73%	48.00%
Underperform	19.64%	33.47%	9.68%	6.25%	6.72%	9.00%

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