

Reliance Jio (Subsidiary of RIL)

Healthy performance, capex a concern

Stock Performance

Segment / Company	CMP (Rs)	3m	6m	1yr
Bharti Airtel	331	14.8	(3.3)	(33.8)
Idea Cellular	37	(2.5)	(29.7)	(64.4)
Bharti Infratel	280	7.9	(7.5)	(23.4)
Tata Comm	531	12.8	(6.4)	(17.7)
RIL	1,134	(1.5)	3.9	22.7

Reliance Jio's (RJio) 3QFY19 operating performance was in-line. Subs/Revenue/EBITDA/APAT grew by 11/12.4/13.3/22% QoQ. Interest and depreciation continue to puzzle with modest rise of 10/9.5% QoQ. This is inspite of steep rise in usage.

Jio's consumer engagement (voice/data usage/sub) is healthy and steadily inching upward despite substantial subscriber addition on low-ARPU JioPhone2. RIL is swiftly strengthening its business and consumer propositions with investments in media/technology companies and through content deals. This bodes well from the strategic perspective.

<u>That said investor's patience is getting tested with</u> <u>persistent cash burn and capital investments.</u> Capex during the quarter was Rs. 140bn (Rs 470bn in 9MFY19) and net debt ~Rs 1.8tn (vs. Rs 1.4tn in Mar18). <u>Balance sheet size has increased from Rs</u> <u>2.5tn as of Mar18 to ~Rs 3tn.</u> This doesn't include investments in media entities that supports Jio's business but resides in RIL.

We value RJio at 10x Dec-20E EV/EBITDA at an EV of Rs 3.18tn (Rs 537/sh of RIL).

Key highlights

- Wireless momentum healthy: Jio reported healthy 28mn sub additions in 3Q (vs. 37mn in 2Q, 133mn in trailing 12m) to 280.1mn (+11% QoQ). 2Q net additions included government projects in MP/Rajasthan. 3Q also had impact of discontinuation of eKYC norms. ARPU declined by 1.3% QoQ to Rs 130.
- Data usage grew by 12% QoQ. Data usage/sub declined by 1.6% QoQ to 10.8GB/mth, yet healthy. This we believe is due to increasing mix of featurephone users.
- Missing operating leverage: Inspite of strong subscriber and revenue growth, Jio has struggled to improve margin. Jio's network costs has increased sharply in trailing two quarters (+50% from Rs 21bn to Rs 32bn). Commercial launch of Jio giga fiber is pending which may further accelerate the network costs. <u>This</u> <u>may necessitate Jio to re-look it pricing, especially as</u> competition inches closer on 4G coverage and pricing.
- Asset monetisation key to de-leverage: Jio is looking to monetise tower and fiber assets. Monetisation is likely through InvIT route where it can discount future cash flows. Currently it would be predominantly Jio's payout. Jio is open to share towers and fiber with peers at market price.
- Near term outlook: Led by strong sub additions, healthy ARPU and thus revenue growth, short term outlook for Jio is enticing. Steadfast cash burn remains a concern.

FY19E

389.5

152.6

31.8

3.0

FY20E

521.9

227.4

67.1

6.1

FY21E

640.0

316.0

114.7

9.7

FY18

201.5

67.3

7.2

0.8

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Source: Company, HDFC sec Inst Research * Jio launched its commercial operations from 2QFY18

3QFY18

68.8

26.3

5.0

YoY (%)

50.9

54.2

64.8

3QFY19

103.8

40.5

8.3

HDFC securities Institutional Research is also available on Bloomberg HSLB <GO>& Thomson Reuters

QoQ (%)

12.4

13.4

22.0

2QFY19

92.4

35.7

6.8

Consolidated Financial Summary

(Rs bn)

EBITDA

RoE (%)

APAT

Net Sales

Reduction in IUC termination rate from 14p/min to 6p/min wef 1st Oct, 2018 led to sharp decline in IUC payout of Jio

Increase in opex, depreciation and interest are owing to increase in usage growth. RIL follows unit of production method for depreciation and interest charge.

(Rs mn)	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19	% chg YoY	% chg QoQ
Revenue	61,471	68,794	71,280	81,091	92,400	1,03,830	50.9	12.4
Interconnect Costs (net)*	21,399	10,816	10,659	10,570	10,460	10,050	(7.1)	(3.9)
Net revenue	40,072	57,978	60,621	70,521	81,940	93,780	61.8	14.4
License fees	3,990	6,227	7,454	8,602	9,830	11,360	82.4	15.6
Network Costs	13,719	17,368	18,122	21,429	26,040	31,900	83.7	22.5
Employee Costs	3,031	3,344	3,247	3,677	4,060	4,260	27.4	4.9
S&D	2,608	2,697	2,455	2,350	2,900	2,960	9.8	2.1
Other expenses	2,306	2,072	2,412	3,003	3,390	2,780	34.2	(18.0)
Operating Costs	25,654	31,708	33,690	39,061	46,220	53,260	68.0	15.2
EBITDA	14,418	26,270	26,931	31,460	35,720	40,520	54.2	13.4
D&A	11,839	11,926	11,988	14,394	15,310	16,840	41.2	10.0
Interest & Finance charge	6,734	6,638	7,113	7,676	9,960	10,910	64.4	9.5
Other Income	17	12	7	14	10	10	(18.7)	-
РВТ	(4,138)	7,718	7,837	9,405	10,460	12,780	65.6	22.2
Тах	(1,432)	2,674	2,732	3,286	3,650	4,470	67.1	22.5
РАТ	(2,706)	5,044	5,104	6,119	6,810	8,310	64.8	22.0

Source: Company, HDFC sec Inst Research

Ouarterly Financial Snanshot

Margin Analysis (%)

As % of Net Sales	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19	Chg YoY (bps)	Chg QoQ (bps)
Interconnect Costs (net)*	34.8	15.7	15.0	13.0	11.3	9.7	(604)	(164)
License fees	6.5	9.1	10.5	10.6	10.6	10.9	189	30
Network Costs	22.3	25.2	25.4	26.4	28.2	30.7	548	254
Employee Costs	4.9	4.9	4.6	4.5	4.4	4.1	(76)	(29)
S&D	4.2	3.9	3.4	2.9	3.1	2.9	(107)	(29)
Other expenses	3.8	3.0	3.4	3.7	3.7	2.7	(33)	(99)
Operating Costs (ex interconnect)	41.7	46.1	47.3	48.2	50.0	51.3	520	127
EBITDA	23.5	38.2	37.8	38.8	38.7	39.0	84	37
D&A	19.3	17.3	16.8	17.8	16.6	16.2	(112)	(35)
Interest & Finance charge	11.0	9.6	10.0	9.5	10.8	10.5	86	(27)
Other Income	0.0	0.0	0.0	0.0	0.0	0.0	(1)	(0)
PBT	(6.7)	11.2	11.0	11.6	11.3	12.3	109	99
Тах	(2.3)	3.9	3.8	4.1	4.0	4.3	42	35
РАТ	(4.4)	7.3	7.2	7.5	7.4	8.0	67	63
LF as % of Net Revenue	10.0	10.7	12.3	12.2	12.0	12.1	137	12
Tax as % of PBT	34.6	34.6	34.9	34.9	34.9	35.0	33	8

Source: Company, HDFC sec Inst Research * Unlike other telcos, Jio reports interconnect costs on net basis (i.e. incoming revenue less costs)

With increased subscriber traction the proportion of net offnet OG mins (Off-net outgoing less incoming) to other operators is declining for Jio in overall mins

It reflects increased receptivity of Jio as primary number/sim slot and is positive

YoY decline in ARPU in FY20 is owing to higher proportion of subscribers from Jiophone2 (ARPU of ~Rs 84)

Quarterly	Operational	Snapshot
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	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19	% chg YoY	% chg QoQ
Closing Subs (Mn)	138.6	160.1	186.6	215.3	252.3	280.1	75.0	11.0
Gross Adds (Mn)	19.1	27.8	27.9	30.5	41.7	32.7	17.5	(21.7)
Churn (Mn)	3.9	6.3	1.4	1.8	4.7	4.9	(22.7)	3.6
Net Adds (Mn)	15.2	21.5	26.5	28.7	37.0	27.8	29.3	(24.9)
Monthly Churn (%)	1.00	1.41	0.27	0.30	0.66	0.61	(80)	(5)
ARPU (Rs)	156.4	153.6	137.1	134.5	131.7	130.0	(15.3)	(1.3)
Data Usage (Mn GB)	3,780	4,310	5,060	6,420	7,710	8,640	100.5	12.1
Data Usage/Sub (GB/Month)	9.6	9.6	9.7	10.6	11.0	10.8	12.5	(1.6)
Minutes of Usage (Bn Mins)	246	311	372	449	534	634	103.8	18.8
MOU/Sub (Mins)	626	694	716	744	761	794	14.3	4.3

Jio's net off-net outgoing minutes as % of Total

	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY20
Net interconnect costs (Rs Mn)	21,399	10,816	10,659	10,570	10,460	10,050
Termination rate/min (Rs)	0.14	0.06	0.06	0.06	0.06	0.06
Net OG mins to other operators (Bn)	153	180	178	176	174	168
Total mins (Bn)	246	311	372	449	534	634
Net OG mins as % of Total Mins	62.1%	57.9%	47.7%	39.3%	32.7%	26.4%

Source: Company, HDFC sec Inst Research

Decline in EBITDA and PAT is

owing to increased network

costs

Key Model Assumptions

FY18	FY19E	FY20E	FY21E	FY22E	FY23E
186.6	303.3	368.3	418.3	458.3	488.3
71.7%	62.5%	21.4%	13.6%	9.6%	6.5%
77.9	116.7	65.0	50.0	40.0	30.0
144.5	131.6	127.9	134.0	142.2	151.0
	-8.9%	-2.8%	4.8%	6.1%	6.1%
13,150	30,537	43,475	56,358	67,764	75,463
	132.2%	42.4%	29.6%	20.2%	11.4%
9.43	10.39	10.79	11.94	12.88	13.29
	10.2%	3.9%	10.7%	7.9%	3.1%
929	2,530	3,227	3,911	4,534	5,095
	172.3%	27.5%	21.2%	16.0%	12.4%
666	861	801	829	862	897
	29.2%	-7.0%	3.5%	4.0%	4.1%
201.5	386.9	515.5	632.6	748.2	857.4
	92.0%	33.2%	22.7%	18.3%	14.6%
67.3	157.1	236.7	321.1	372.2	413.9
	133.5%	50.6%	35.7%	15.9%	11.2%
33.4%	40.6%	45.9%	50.7%	49.7%	48.3%
	186.6 71.7% 77.9 144.5 13,150 9.43 929 666 201.5 67.3	$\begin{array}{c cccc} 186.6 & 303.3 \\ \hline 186.6 & 303.3 \\ \hline 71.7\% & 62.5\% \\ \hline 77.9 & 116.7 \\ 144.5 & 131.6 \\ & & -8.9\% \\ \hline 13,150 & 30,537 \\ & & 132.2\% \\ \hline 9.43 & 10.39 \\ & & 10.2\% \\ \hline 9.43 & 10.39 \\ \hline 10.2\% \\ \hline 929 & 2,530 \\ & & 10.2\% \\ \hline 929 & 2,530 \\ \hline 172.3\% \\ \hline 666 & 861 \\ \hline 29.2\% \\ \hline 201.5 & 386.9 \\ \hline 92.0\% \\ \hline 67.3 & 157.1 \\ \hline 133.5\% \\ \end{array}$	$\begin{array}{c ccccc} 186.6 & 303.3 & 368.3 \\ \hline 71.7\% & 62.5\% & 21.4\% \\ \hline 77.9 & 116.7 & 65.0 \\ 144.5 & 131.6 & 127.9 \\ & & -8.9\% & -2.8\% \\ \hline 13,150 & 30,537 & 43,475 \\ \hline 132.2\% & 42.4\% \\ \hline 9.43 & 10.39 & 10.79 \\ \hline 10.2\% & 3.9\% \\ \hline 929 & 2,530 & 3,227 \\ \hline 172.3\% & 27.5\% \\ \hline 666 & 861 & 801 \\ \hline 29.2\% & -7.0\% \\ \hline 201.5 & 386.9 & 515.5 \\ \hline 92.0\% & 33.2\% \\ \hline 67.3 & 157.1 & 236.7 \\ \hline 133.5\% & 50.6\% \\ \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Source: Company, HDFC Sec Inst Research

Change in estimates

(Da ha)		Old			New			Change %			
(Rs bn)	FY19E	FY20E	FY21E	FY19E	FY20E	FY21E	FY19E	FY20E	FY21E		
Closing Subs (Mn)	303.3	368.3	418.3	305.1	370.1	420.1	0.6	0.5	0.4		
ARPU (Rs)	131.6	129	134	132.0	128.8	135.0	0.3	(0.1)	0.7		
Revenue (Rs Bn)	386.9	515.5	632.6	389.5	521.9	640.0	0.7	1.2	1.2		
EBITDA (Rs Bn)	157.1	236.7	321.1	152.6	227.4	316.0	(2.9)	(3.9)	(1.6)		
EBITDA Margin (%)	40.6	45.9	50.8	39.2	43.6	49.4	(142)	(234)	(139)		
APAT (Rs Bn)	36.4	76.7	122.1	31.8	67.1	114.7	(12.6)	(12.6)	(6.0)		

Valuation snapshot

	Amount (Rs bn)	Target multiple	EV (Rs bn)
Dec-20E EBITDA	294	10.0	2,938
CWIP in FTTH/Enterprise	751	0.50	376
Pending investments in RCOM	180	(0.75)	(135)
Enterprise Value			3,179
(-) Dec-20E Net debt			2,037
Equity Value			1,142

Source: Company, HDFC Sec Inst Research

Peer Set Comparison

COMPANY	Mcap CMP TP			ТР	EPS (Rs/sh)			EV/EBITDA (x)			RoE (%)					
COMPANY	(Rs bn)	(Rs)	RECO	(Rs)	FY18	FY19E	FY20E	FY21E	FY18	FY19E	FY20E	FY21E	FY18	FY19E	FY20E	FY21E
Bharti Airtel	1,327	332	BUY	396	2.7	(4.8)	(8.6)	(1.0)	8.0	9.9	9.5	7.8	1.6	(2.6)	(4.7)	(0.6)
Bharti Infratel	520	280	BUY	345	13.8	13.3	13.8	15.0	7.6	8.5	8.7	8.3	15.7	14.8	15.8	16.9
Idea Cellular	323	37	BUY	44	(73.1)	(53.5)	(32.4)	(14.8)	17.8	35.4	17.6	9.5	(16.0)	(48.5)	(26.9)	(20.8)

Source: Company, HDFC Sec Inst Research

RJio Income Statement

(Rs bn)	FY17	FY18	FY19E	FY20E	FY21E
Net Sales	-	201.5	389.5	521.9	640.0
Growth (%)			93.2	34.0	22.6
Net interconnect costs	-	42.9	40.8	27.5	-
Net revenue	-	158.7	348.6	494.5	640.0
Growth (%)			119.7	41.8	29.4
License fee	0.0	17.7	42.6	61.8	80.0
LF as % of NR	NA	11.1	12.2	12.5	12.5
Network & IT costs	-	49.2	112.5	146.5	167.2
Employee costs	0.0	9.6	16.8	23.5	28.8
SG&A	0.0	8.0	11.6	17.0	22.4
Other Expenses	-	6.9	12.5	18.3	25.6
Total Opex	0.0	73.7	153.4	205.2	244.0
EBITDA	(0.0)	67.3	152.6	227.4	316.0
EBITDA (%)		33.4	39.2	43.6	49.4
EBITDA Growth (%)	NA	NA	126.8	49.0	38.9
Depreciation	0.0	35.8	64.1	75.8	84.3
EBIT	(0.0)	31.5	88.6	151.6	231.6
Other Income	0.0	0.0	0.0	0.0	0.1
Interest	0.0	20.5	39.8	49.3	56.5
PBT	(0.0)	11.1	48.8	102.4	175.2
Тах	(0.0)	3.9	17.0	35.3	60.4
АРАТ	(0.0)	7.2	31.8	67.1	114.7
APAT Growth (%)	NA	NA	339.8	110.9	71.1

(Rs bn)	FY17	FY18	FY19E	FY20E	FY21E
SOURCES OF FUNDS					
Share Capital - Equity	450.0	450.0	450.0	450.0	450.0
Reserves	258.6	579.3	611.1	678.2	792.9
Total Shareholders' Funds	708.6	1,029.3	1,061.1	1,128.2	1,242.9
Long term debt	474.6	437.3	630.3	804.0	890.3
Short term debt	594.2	790.1	1,040.4	1,029.2	952.3
Deferred spectrum payment	208.8	210.8	210.8	210.8	210.8
Total Debt	1,277.5	1,438.2	1,881.5	2,044.1	2,053.4
Other non-current liabilities	-	3.6	4.4	3.9	3.5
TOTAL SOURCES OF FUNDS	1,986.2	2,471.2	2,947.0	3,176.2	3,299.9
APPLICATION OF FUNDS					
Net Block	1,789.5	2,255.2	2,716.1	2,990.3	3,155.9
Other non-current assets	87.7	86.7	95.9	107.0	110.4
Total Non-current Assets	1,877.2	2,341.8	2,812.0	3,097.3	3,266.3
Cash & Equivalents	2.7	10.6	22.1	12.6	14.7
Other Current Assets	129.0	184.9	195.5	169.5	147.8
Total Current Assets	131.7	195.5	217.6	182.1	162.6
Total Current Liabilities	22.7	66.1	82.6	103.2	129.0
Net Current Assets	109.0	129.4	135.0	78.9	33.6
TOTAL APPLICATION OF FUNDS	1,986.2	2,471.2	2,947.0	3,176.2	3,299.9
Source: Company, HDEC sec Inst Boson	roh				

Source: Company, HDFC sec Inst Research

RJio Balance Sheet

Source: Company, HDFC sec Inst Research

RJio Cash Flow

Year ending March (Rs bn)	FY17	FY18	FY19E	FY20E	FY21E
Reported PAT	0.0	7.2	31.8	67.1	114.7
Net interest expense	0.0	20.5	39.8	49.3	56.5
Depreciation	0.0	35.8	64.1	75.8	84.3
Working Capital Change & others	-31.3	-12.5	5.9	46.6	47.4
OPERATING CASH FLOW (a)	-31.3	51.0	141.6	238.8	303.0
Capex	-719.4	-501.4	-525.0	-350.0	-250.0
Free cash flow (FCF)	-750.7	-450.4	-383.4	-111.2	53.0
Investments	41.2	4.7	-8.5	-11.5	-3.7
INVESTING CASH FLOW (b)	-678.2	-496.7	-533.5	-361.5	-253.7
Debt Issuance	375.5	160.7	443.3	162.5	9.4
Interest expenses	0.0	-20.5	-39.8	-49.3	-56.5
FCFE	-334.0	-305.6	11.5	-9.5	2.1
Share capital Issuance	336.3	313.5	0.0	0.0	0.0
Dividends	0.0	0.0	0.0	0.0	0.0
FINANCING CASH FLOW (c)	711.8	453.6	403.5	113.3	-47.2
NET CASH FLOW (a+b+c)	2.3	7.9	11.5	-9.5	2.1
Closing Cash & Equivalents	2.7	10.6	22.1	12.6	14.7

Source: Company, HDFC sec Inst Research

RELIANCE JIO : RESULTS REVIEW 3QFY19

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	FY17	FY18	FY19E	FY20E	FY21E
PROFITABILITY (%)					
EBITDA Margin	-	33.4	39.2	43.6	49.4
EBIT Margin	NA	15.6	22.7	29.0	36.2
APAT Margin	NA	3.6	8.2	12.8	17.9
RoE	(0.0)	0.8	3.0	6.1	9.7
RoIC (or Core RoCE)	(0.0)	0.9	2.1	3.3	4.7
RoCE	(0.0)	0.9	2.1	3.2	4.7
EFFICIENCY					
Tax Rate (%)	37.0	34.8	34.8	34.5	34.5
Fixed Asset Turnover (x)	-	0.1	0.2	0.2	0.2
Other Current Assets (days)	NA	335	183	119	84
CL & Provisions (days)	NA	120	77	72	74
Cash Conversion Cycle (days)	NA	215	106	46	11
Net D/E (x)	1.8	1.4	1.8	1.8	1.6
Net D/EBITDA (x)	NA	21.2	12.2	8.9	6.5
Interest Coverage (x)	(49.0)	1.5	2.2	3.1	4.1
PER SHARE DATA (Rs)					
EPS (Rs/sh)	(0.0)	0.2	0.7	1.5	2.5
CEPS (Rs/sh)	(0.0)	1.0	2.1	3.2	4.4
DPS (Rs/sh)	-	-	-	-	-
BV (Rs/sh)	15.7	22.9	23.6	25.1	27.6

Source: Company, HDFC sec Inst Research

Disclosure:

We, **Himanshu Shah**, **CA & Mansi Lall**, **MBA**, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. HSL has no material adverse disciplinary history as on the date of publication of this report. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

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