Motilal Oswal

BSE SENSEX 37,663

S&P CNX 11,102

CMP: INR2,160 TP: INR2,000 (-7%) Upgrade to Neutral

Avenue Supermarts

Preparing for normalcy; bringing back lost customers

DMart hosted its annual analyst call, discussing in detail the current business environment, growth opportunity, online strategy, and means to combat the resurgence of strong online players. DMart re-emphasized its uniqueness in terms of right pricing and assortment. Furthermore, it highlighted creating a certain positioning and customer affinity that is ensuring swift recovery from the pandemic-led lockdown. Here are the key takeaways:

Swift recovery from lockdown

DMart has reopened most stores, and sales have reached ~80% across assortments as customer traffic is gradually returning to stores given the brand's value offering. However, the profile of customers has changed to lower middle and middle class v/s upper middle class, which is still wary of stepping out and therefore prefers to shop online.

Growth trajectory remains strong

Same-store sales growth (SSSG) has fallen but is not concerning, excluding the high base of last year and select low-performing stores. We think longer term SSSG should normalize to the high single digits. Management indicated that in terms of store adds, it aims to make up for the lost period of lockdown with ~59 store additions over FY21–22 (the next six quarters). The company has set various targets for the coming year. A) It plans to add 70–80% stores in existing markets given its better understanding and cost efficiency in these markets. B) It would focus on larger sized stores, predominantly in semi-urban and lower tier cities, that may have slightly sluggish metrics in the near term, but bring longer term growth, operating leverage, premiumization, and thus ROIC. C) It would continue property acquisitions unabated, as it did even in the last four months of lockdown.

Online strategy and competition

The focus and presence of DMart Ready has increased over the last two years. Management still believes in the growth opportunity of the brick-and-mortar model, along with its cost and price competitiveness. It is cognizant of the scale achieved by online players, their deep pockets, and their market-building ability. However, it believes online is still restricted to the urban markets, where DMart Ready offers both delivery and pick-up options at more attractive pricing v/s online and would wait for the model to turn profitable. The company is agile and could take price action in merely two hours, keeping track of competitor pricing on a daily basis.

Would continue to pass on cost efficiency

Improving scale, assortment from larger sized stores, and supply chain efficiency are aiding margin improvement. However, the company would continue to pass it on to consumers to maintain the lowest cost / price competitiveness in the market with both offline/online players.

Research Analyst: Aliasgar Shakir (Aliasgar.Shakir@motilaloswal.com);

Suhel Shaikh (Suhel.Ahmad@MotilalOswal.com) / Anshul Aggarwal (Anshul.Aggarwal@motilaloswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.



Motilal Oswal values your support in the Asiamoney Brokers Poll 2020 for India Research, Sales and Trading team. We <u>request your ballot.</u>



Stock Info

Bloomberg	DMART IN
Equity Shares (m)	624
M.Cap.(INRb)/(USDb)	1399.5 / 18.7
52-Week Range (INR)	2559 / 1400
1, 6, 12 Rel. Per (%)	-10/5/42
12M Avg Val (INR M)	1579
Free float (%)	25.0

Financials Snapshot (INR b)

	(
Y/E March	FY20	FY21E	FY22E
Sales	248.7	272.2	368.3
EBITDA	21.3	20.3	30.4
Adj. PAT	13.0	12.8	19.5
EBITDA Margin (%)	8.6	7.4	8.3
Adj. EPS (INR)	20.1	19.8	30.0
EPS Gr. (%)	38.9	-1.2	51.5
BV/Sh. (INR)	177.5	198.1	229.3
Ratios			
Net D:E	0.0	0.0	0.0
RoE (%)	15.6	11.0	14.6
RoCE (%)	15.5	10.9	14.5
Payout (%)	0	0	0
Valuations			
P/E (x)	116.0	117.5	77.6
EV/EBITDA (x)	71.0	74.2	49.6
EV/Sales (X)	6.1	5.5	4.1
Div. Yield (%)	0	0	0
FCF Yield (%)	-0.3	0.4	-0.4

Shareholding pattern (%)

onarchoran	B parterin ()	~/	
As On	Jun-20	Mar-20	Jun-19
Promoter	75.0	75.0	81.2
DII	6.0	6.6	3.6
FII	10.4	9.6	5.5
Others	8.6	8.8	9.8

FII Includes depository receipts

MOTILAL OSWAL



Notes from peer online retailer BigBasket are astounding

Online players are growing significantly, with BigBasket's monthly orders having jumped to INR7.2–7.3b in Jul'20, i.e., ~INR90b annually, which is 30–50% of the top offline grocery retailers. This indicates 3x growth v/s the last fiscal and 2x v/s Jan'20. BigBasket is seeing very high customer retention, with a huge number of repeat orders (creating customer loyalty) in grocery, typically the slowest to move online. High-margin new categories, increased efficiency measures, and end-to-end digitization are aiding profitability. The key point of contention is whether this would sustain once normalcy resumes.

Consistent performer, but SSSG, ROIC may normalize

The massive growth opportunity in the Grocery space, coupled with DMart's cost competitiveness, provides huge runway for growth. While the pace of growth may moderate due to the high scale, it could still achieve healthy growth of 20–25%. With 5–10% revenue from new stores and SSSG moderation at 10–15%, revenue and PAT should grow at 20–25% v/s ~30% in the last five years. The company highlighted that fixed asset turnover has remained intact. However, capex/sq. ft. has increased significantly by >4x in the last five years as we believe new stores may be coming up in locations with higher real estate prices. With SSSG moderating and capex/sq. ft. increasing, ROIC could moderate to the high teens from upwards of 20% previously.

Valuation and view

We value DMart at an FY22E EV/EBITDA multiple of 42x, maintaining TP of INR2,000. The recent price correction, expectation of swift recovery post COVID-19, and continued cost/price competitiveness should hold the company in good stead. However, a) the growing scale of online retailers, including the prominence of deeppocket players such as Amazon and Reliance Retail, and b) the potential moderation in growth and the return profile may restrict a re-rating. Thus, we value DMart at a 35% discount to the three-year average EV/EBITDA multiple of 65x, implying 7% downside. **We upgrade from SELL to NEUTRAL.**

Analyst meet highlights

Key takeaways

- Swift recovery post lockdown: Operations are returning to normal, with ~95% stores now allowed to sell all categories. Moreover, stores are now operational for extended hours in certain areas. As a result, the company has reached ~80% of stable-state revenue.
- High store adds; focus on larger store size: DMart indicated that to make up for lost time, it would aim to open ~59 stores in FY21 and FY22. It plans to focus on larger store sizes that would provide better margins, RoCE, and CAGR in the longer run. Of these, 70–80% would be opened up in existing locations to bring efficiency.
- DMart Ready / E-Commerce: Currently, DMart has 220 stores across Mumbai, Thane, and Navi Mumbai and looks to achieve scale and profitability to expand (viable only in larger towns). It remains highly price competitive and agile to compete with online/offline peers and would expect offline to gain once normalcy returns.
- More of the same: It does not plan to enter the Wholesale business, increase private label share, or grow margins (would pass benefit on to customer). It may look to its own supply chain once it gains more scale and only move to leased stores that offer 20- to 30-year leasing options.

Operational performance/metrics

- FMCG outpaces non-FMCG: In FY20, the contribution of FMCG products increased in the company's total revenue as FMCG seemed to perform better than non-FMCG products in existing stores. This is because people who live near the stores have a higher tendency to shop at the stores more frequently.
- LTL growth: DMart recorded LTL growth of 10.9% in FY20 v/s 17.8% in FY19 this appears higher due to the base effect of extremely high growth stores. Even if we remove low-performing stores from this 10.9% growth, the performance is not very different.
- New stores: DMart opened 38 new stores in FY20, reaching a total of 214 stores. Furthermore, it opened 70–80% of the stores in existing cities/states. This provides better operating leverage and opportunity to increase the topline as market demand is known.
- Inventory/payable days: Inventory and payable days were stable in FY20.
- Asset turnover: The fixed asset turnover ratio was also stable during the year.

Focus on larger store size

- Higher area additions in FY20: The area addition was higher in FY20 (1.9m sq. ft.) as the size of the stores is consciously larger as smaller stores are reaching high throughput faster, leading to a reduction in revenue/sq. ft.
- Larger store size better for longer term: Management indicated that larger stores have lower throughput, but continue to grow for longer periods.
 Furthermore, the capex/sq. ft. of larger stores is disproportionate. In the near term, smaller stores are better as costs are lower, but in the longer term, large stores provide better growth, margins, and RoCE.

- Strategy around large stores: DMart does not have a different SKU strategy for larger stores, but the stores have more space to display higher margin products and also allow higher inventory storage. Furthermore, the management indicated that the actual store size would depend on real estate cost, and it is likely to have larger stores in small towns v/s metro cities.
- New store openings: Store additions would be muted in FY21 as four months have already passed. However, the company would compensate for this in FY22 and is likely to open a total of ~60 stores in FY21 and FY22 to maintain the runrate.
- Acceleration of store additions: Acceleration happens in terms of land acquisitions as there is a two-year lag from land acquisitions to store openings. The company is very active in land acquisitions even during this crisis.

Impact of COVID-19 and recovery

- Revenue impact: Revenue was impacted due to store shutdowns and stores being operational for minimal hours. Furthermore, the Apparel and General Merchandise categories were closed for business even in the operating stores.
- High density: Company sales were impacted due to social distancing norms as footfall in DMart stores generally remains at high density.
- Shift to neighborhood stores: Due to the lockdown, shoppers' focus has shifted to neighborhood kirana stores.
- Margin dilution: The major portion of margin dilution is attributed to the company's inability to sell high-margin apparel and general merchandise. It was further impacted by its liberal incentive offerings to employees to motivate them to work during the pandemic.
- Resumption of operations: ~95% of DMart stores are now being allowed to sell all categories. General Merchandise and Apparel are not performing at pre-COVID-19 levels.
- Change in customer mix: DMart's customer mix has changed, with the contribution of low- and middle-income groups increasing, while the contribution of higher income groups declining. This may lead to a reduction in premiumization.
- Likely revenue recovery: Operations are returning to normal. Management indicated that if the stores are allowed to operate at normal durations for a longer period of time, DMart would be able to generate at least 80% of its pre-COVID-19 revenue. Furthermore, margins would be largely the same in both the pre- and post-COVID-19 eras.
- Inventory: DMart has very little perishable inventory. The concern is more toward Apparel inventory as it could become obsolete.
- Extended operating hours: In certain areas, the company is allowed to keep stores open for extended hours (from 6 AM or up to 11 PM) to manage the crowds. Furthermore, stores are allowed to remain open for 24 hours in certain locations.

DMart Ready and E-Commerce

Needs massive scale to be profitable: DMart Ready's operational scale is too small to be profitable. To reach breakeven, it needs to primarily increase the top line.

- Store throughput is too high to service online from stores: DMart's intensity of revenue from the store does not allow enough room to scale the e-commerce business as the offline business generates enough revenue to accommodate the e-commerce business. Therefore, DMart would have to discontinue the delivery business once stores resume operations.
- DMart Ready stores: The company has a total of 220 stores in Mumbai, Thane, and Navi Mumbai.
- Online opportunity: Management believes there is an e-commerce opportunity for the Grocery category only in large towns. Furthermore, it looks to explore ecommerce only through DMart Ready, which would have both the pick-up and home delivery options. Opportunity for DMart Ready is massive once the company model turns profitable.
- E-Commerce intensity likely to diminish: Intensity of demand through ecommerce would not sustain as the pandemic settles.
- Ability to scale: DMart is not pessimistic about the e-commerce opportunity due to its inability. If customers were to start seeing e-commerce as the preferred option, the company could scale the business in a short span of time.
- Alignment with stores: It is attempting to formulate a DMart Ready model that is aligned with the brick-and-mortar model.
- Premiumization: The DMart Ready format is aiding premiumization as it allows many customers who do not wish to come to DMart stores to shop from the retailer through DMart Ready.
- Cost metrics: There are two components to cost: a) operational cost and b) head office and technical cost. Currently, the company is looking to achieve breakeven at the operational cost level and would later look at head office and technical cost.

No new strategy

- Wholesale business: It has postponed the idea of the Cash-and-Carry business; currently, the major focus is on the brick-and-mortar business and some on the e-commerce business.
- Private labels: Management believes the pandemic is not a time to focus on private labels as customers would prefer known brands in these times.
- Backend integration: DMart may explore supply chain ownership in the coming two to four years. The company would like to wait to acquire a denser presence before moving to the supply chain.
- Store leasing: The company is open to taking stores on lease, but seeks longer lease durations, i.e., 20 to 30 years.
- Margin outlook: DMart seeks to maintain gross margins within the range of 15– 16% and pass the remaining benefit to customers. It has clear product-wise margin guidelines.
- Competitive intensity: It was less aggressive in FY20 than in FY19. The company would compete with online players on pricing. In the last couple of years, DMart performed well despite an increase in price competition as the market size is large. Furthermore, apart from pricing, assortment is DMart's USP.
- Pricing agility: DMart is highly agile in terms of price action and can change pricing in just a couple of hours. The technology is aligned to do this at a pan-India level and across regions.

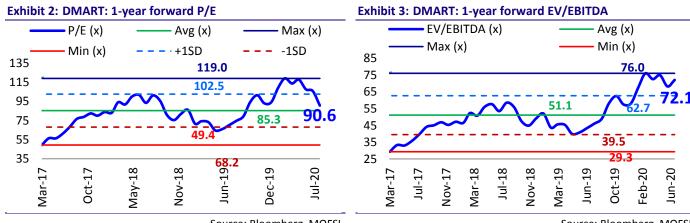
Product assortment

- Consumer durables: The company is open to low price products in the Small Appliance Home Durables category.
- Risk associated with Chinese goods: The contribution of Chinese components in non-FMCG is insignificant and hence would not have any material impact on the company's product assortment.
- Lower SKUs and sharp assortment: DMart's SKUs are lower than the industry and it keeps a very sharp product assortment.
- Quick product categories: The company is continuously seeking revenue opportunities from additional product categories as long as they align with the company model, i.e., are quickly viewable, can be quickly analyzed, and have quick pick-up.

Exhibit 1: Valuation based on FY21E EBITDA

Methodology	Driver (INR b)	Multiple (x)	Fair Value (INR b)	Value/share (INR)
FY22 EV/EBITDA	30	42	1,285	1,984
			-11	-16
			1,296	2,000
			648	
				2,160
				-7
				FY22 EV/EBITDA 30 42 1,285 -11 1,296

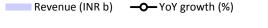
Source: MOFSL, Company

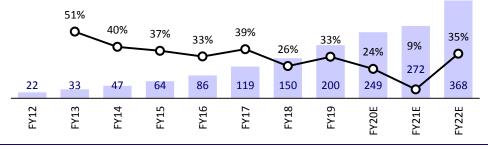


Source: Bloomberg, MOFSL

Source: Bloomberg, MOFSL

Exhibit 4: Revenue to witness robust 22% CAGR over FY20-22E





Source: MOFSL, Company

Exhibit 5: Gross margin to decline 40bp in FY21E

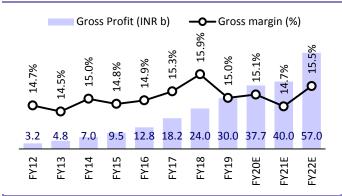
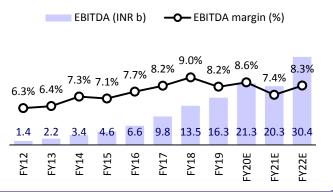


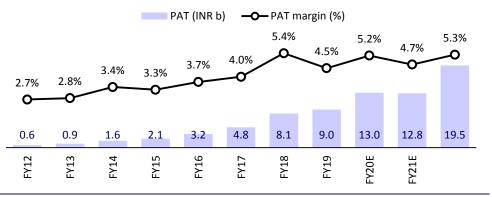
Exhibit 6: EBITDA margin to decline 110bp in FY21E



Source: MOFSL, Company

Source: MOFSL, Company





Source: MOFSL, Company

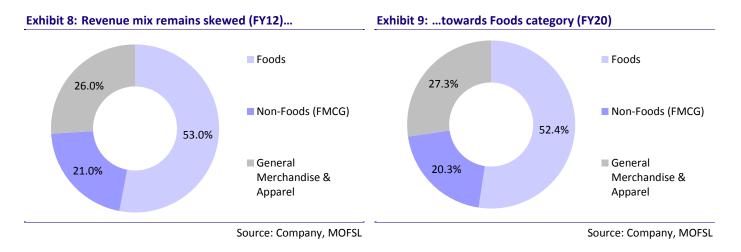
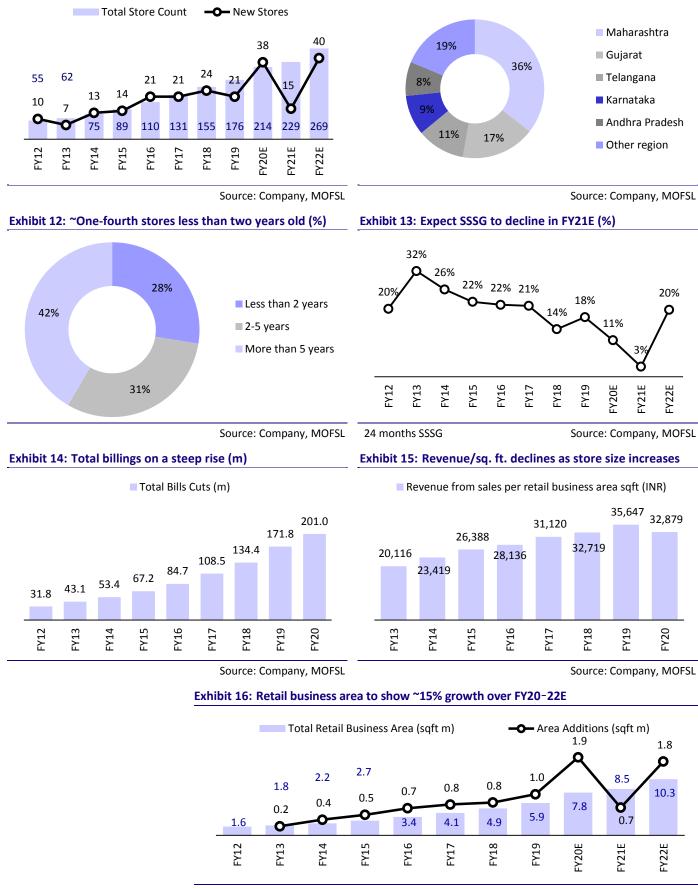


Exhibit 10: Store additions to remain muted in FY21E

Exhibit 11: Five key markets account for 81% of total store

network (FY20)



Source: Company, MOFSL

MOTILAL OSWAL

Exhibit 17: Inventory days to remain steady at 35 days



Exhibit 18: Net WC days to remain steady near 30 days

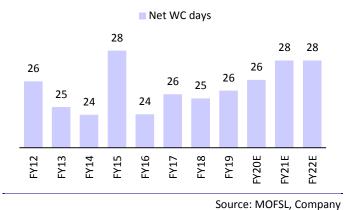
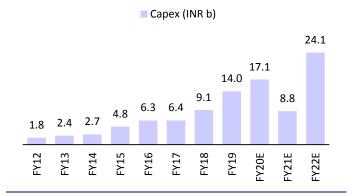
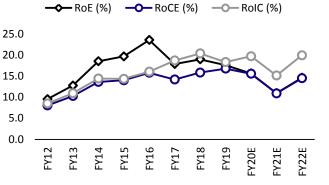


Exhibit 19: Capex to decline in FY21E on muted store adds









Source: MOFSL, Company

Financials and valuations

Consolidated – Income Stater	nent								(INR m)
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E
Total Income from Operations	46,865	64,394	85,838	1,18,977	1,50,332	2,00,045	2,48,702	2,72,237	3,68,340
Change (%)	40.3	37.4	33.3	38.6	26.4	33.1	24.3	9.5	35.3
Raw Materials	39,845	54,879	73,035	1,00,810	1,26,356	1,70,008	2,11,029	2,32,280	3,11,313
Gross Profit	7,020	9,515	12,802	18,167	23,976	30,037	37,673	39,957	57,026
Margin (%)	15.0	14.8	14.9	15.3	15.9	15.0	15.1	14.7	15.5
Employees Cost	873	1,341	1,490	1,925	2,826	3,554	4,561	5,526	7,698
Other Expenses	2,729	3,592	4,676	6,429	7,622	10,150	11,829	14,156	18,896
Total Expenditure	43,448	59,811	79,201	1,09,165	1,36,804	1,83,712	2,27,419	2,51,963	3,37,907
% of Sales	92.7	92.9	92.3	91.8	91.0	91.8	91.4	92.6	91.7
EBITDA	3,417	4,583	6,636	9,812	13,528	16,333	21,283	20,274	30,432
Margin (%)	7.3	7.1	7.7	8.2	9.0	8.2	8.6	7.4	8.3
Depreciation	570	815	984	1,278	1,590	2,125	3,744	4,299	5,091
EBIT	2,847	3,768	5,652	8,534	11,938	14,208	17,539	15,975	25,342
Int. and Finance Charges	557	724	913	1,220	595	472	691	225	225
Other Income	158	183	179	286	693	484	600	946	355
PBT bef. EO Exp.	2,449	3,226	4,918	7,600	12,036	14,219	17,448	16,696	25,472
EO Items	0	0	0	0	0	0	0	0	0
PBT after EO Exp.	2,449	3,226	4,918	7,600	12,036	14,219	17,448	16,696	25,472
Total Tax	835	1,109	1,715	2,683	4,158	5,195	4,438	4,216	6,368
Tax Rate (%)	34.1	34.4	34.9	35.3	34.5	36.5	25.4	25.3	25.0
Minority Interest	0	0	1	129	-185	1	1	0	0
Reported PAT	1,614	2,117	3,202	4,788	8,063	9,024	13,009	12,480	19,1 0 4
Adjusted PAT	1,614	2,117	3,202	4,788	8,063	9,024	13,009	12,480	19,104
Change (%)	71.9	31.2	51.3	49.5	68.4	11.9	44.2	-4.1	53.1
Margin (%)	3.4	3.3	3.7	4.0	5.4	4.5	5.2	4.6	5.2
Consolidated – Balance Sheet									(INR m)
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E
Equity Share Capital	5,468	5,615	5,615	6,241	6,241	6,241	6,478	6,478	6,478
Total Reserves	4,088	6,377	9,589	32,177	40,450	49,634		1,17,168	1,36,630
Net Worth	9,556	11,992	15,204	38,418	46,691	55,875		1,23,646	1,43,107
Total Loans	6,408	9,043	11,923	14,973	4,393	4,298	2,248	2,248	2,248
Deferred Tax Liabilities	265	305	399	505	452	633	474	474	474
Lease Liabilities							744	744	744
Capital Employed	16,229	21,340	27,527	53,898	51,541	60,811		1,27,117	1,46,579
Gross Block	13,969	18,321	21,918	27,764	37,223	49,352	60,127	68,902	93,004
Less: Accum. Deprn.	2,252	3,041	983	2,260	4,006	6,131	8,603	12,409	17,023
Net Fixed Assets	11,717	15,281	20,935	25,504	33,217	43,221	51,524	56,493	75,981
Goodwill	0	0	0	0	783	783	783	783	783
Right to use assets							7,173	7,173	7,173
Capital WIP	888	981	817	1,529	1,471	3,768	34,871	34,871	34,871
Total Investments	155	152	293	531	682	165	147	147	147
Curr. Assets, Loans&Adv.	5,316	7,134	8,970	30,629	20,330	22,118	26,264	35,434	37,542
Inventory	3,783	5,396	6,717	9,479	11,634	16,087	19,474	22,273	29,852
Account Receivables	95	71	84	210	335	644	196	216	292
Cash and Bank Balance	554	380	351	18,843	5,602	2,191	1,079	7,429	1,882
Loans and Advances	884	1,287	1,818	2,097	2,758	3,197	5,516	5,516	5,516
Curr. Liability & Prov.	1,847	2,208	3,488	4,295	4,942	9,246	6,497	7,785	9,920
Account Payables	1,226	1,185	1,944	2,607	3,173	4,633	4,335	4,791	6,421
Other Current Liabilities	533	843	1,487	1,605	1,642	4,474	1,996	2,722	3,131
Provisions	89	179	56	84	127	139	167		368
Net Current Assets	3,469	4,926	5,482	26,334	15,387	12,872	19,767	27,648	27,622
Deferred Tax assets	0	0	0	0	1	2	3	3	3
Appl. of Funds	16,229	21,340	27,527	53,897	51,541	60,811	1,14,268	1,27,118	1,46,579

Financials and valuations

Ratios									
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E
Basic (INR)									
EPS (diluted from FY17)	3.0	3.8	5.7	7.7	12.9	14.5	20.1	19.8	30.0
Cash EPS	3.9	5.2	7.5	9.7	15.5	17.9	26.8	26.7	38.6
BV/Share	17.5	21.4	27.1	61.6	74.8	89.5	177.5	198.1	229.3
DPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Payout (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Valuation (x)							_		
P/E				303.7	180.4	161.1	116.0	117.5	77.6
Cash P/E				239.7	150.6	130.4	86.8	87.3	60.4
P/BV				37.9	31.1	26.0	13.1	11.8	10.2
EV/Sales				12.2	9.7	7.3	6.1	5.5	4.1
EV/EBITDA				147.8	107.4	89.2	71.0	74.2	49.6
Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FCF per share	-1.2	-4.1	-3.6	-2.8	-2.9	-9.5	-6.6	8.7	-8.8
Return Ratios (%)	1.2	7.1	5.0	2.0	2.5	5.5	0.0	0.7	0.0
RoE	18.5	19.6	23.6	17.9	18.9	17.6	15.6	11.0	14.6
RoCE	13.6	19.0	15.8	14.2	15.8	16.8	15.5	10.9	14.5
RoIC	14.4	14.3	15.0	14.2	20.4	18.3	19.7	15.1	19.9
Working Capital Ratios	14.4	14.5	10.0	10.7	20.4	10.5	13.7	15.1	19.9
Fixed Asset Turnover (x)	3.4	3.5	3.9	4.3	4.0	4.1	4.1	4.0	4.0
Asset Turnover (x)	2.9	3.0	3.1	2.2	2.9	3.3	2.2	2.1	2.5
Inventory (Days)	35	36	34	34	34	3.5	34	35	35
Debtor (Days)	1	0	0	1		1	0	0	0
Creditor (Days)	11	8	10	9	9	10	7	8	8
. , ,	11	0	10	9	9	10	/	0	0
Leverage Ratio (x) Current Ratio	2.9	3.2	2.6	7.1	4.1	2.4	4.0	4.6	3.8
Interest Cover Ratio	5.1	5.2	6.2	7.1	20.0				
						30.1	25.4	73.2	114.8
Net Debt/Equity	0.6	0.7	0.7	-0.1	0.0	0.0	0.0	0.0	0.0
Consolidated – Cash Flow Sta	townert								(INR m)
		EV/4 E	EV/4 C	F)/4 7	EV(1.0	EV40	51/20	EV24E	
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E
OP/(Loss) before Tax	2,449	3,226	4,918	7,600	12,036	14,219	17,448	17,189	25,948
Depreciation	570	815	984	1,278	1,590	2,125	3,744	3,806	4,614
Interest & Finance Charges	557	724	913	1,220	595	472	691	225	225
Direct Taxes Paid	-750	-1,000	-1,642	-2,586	-4,027	-5,018	-4,924	-4,340	-6,487
(Inc)/Dec in WC	-827	-1,520	-685	-2,697	-2,427	-3,507	-3,762	-1,531	-5,520
CF from Operations	1,998	2,245	4,489	4,815	7,767	8,292	13,197	15,349	18,780
Others	-17	-25	-154	-237	-467	-224	-395	-946	-355
CF from Operating incl EO	1,981	2,220	4,335	4,578	7,300	8,068	12,801	14,403	18,425
(Inc)/Dec in FA	-2,706	-4,770	-6,350	-6,354	-9,087	-13,970	-17,060	-8,775	-24,102
Free Cash Flow	-724	-2,549	-2,015	-1,775	-1,787	-5,902	-4,259	5,628	-5,677
(Pur)/Sale of Investments	7	31	-151	-229	-247	0	0	0	0
Others	8	8	183	244	383	400	-30,426	946	354
CF from Investments	-2,691	-4,731	-6,318	-6,339	-8,951	-13,570	-47,486	-7,829	-23,748
Issue of Shares	46	326	0	18,406	0	0	41,869	0	0
Inc/(Dec) in Debt	1,148	2,634	2,898	3,050	-10,791	2,600	-6,615	0	0
Interest Paid	-552	-621	-934	-1,203	-800	-510	-682	-225	-225
Dividend Paid	0	0	0	0	0	0	0	0	0
Others	11	-	0	0	0	0	000	0	0

0

1,964

-19

370

351

0

20,253

18,492

18,843

351

5

2,345

-166

546

380

11

652

-57

614

557

0

-11,591

-13,242

18,843

5,601

0

2,090

-3,412

5,602

2,190

-998

33,574

-1,111

2,191

1,080

Others

CF from Fin. Activity

Inc/Dec of Cash

Opening Balance

Closing Balance

0

-225

-5,548

7,429

1,881

0

-225

6,349

1,079

7,428

NOTES

Explanation of Investment Rating						
Investment Rating Expected return (over 12-month)						
BUY	>=15%					
SELL	< - 10%					
NEUTRAL	< - 10 % to 15%					
UNDER REVIEW	Rating may undergo a change					
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation					

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL),NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at y.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at <u>www.nseindia.com</u>, <u>www.bseindia.com</u>. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions. For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the"1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co.Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- MOFL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months 6
- MOFSL has not received compensation for investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months 8
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- 10 MOFSL has not engaged in market making activity for the subject company

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website www.motilaloswal.com.CIN no.: L67190MH2005PLC153397.Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai-400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579;PMS:INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP00000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) is offered through MOWML, which is a group company of MOFSL. Motilal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs,Insurance Products and IPOs.Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. It which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. It which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Equity Investment Equity Investment Equity Investment Intore Interview. Investment is subject to market risk, read

* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench.