

India Economics The COVID-19 tracker *

Unveiling relief measures 2.0, more underway

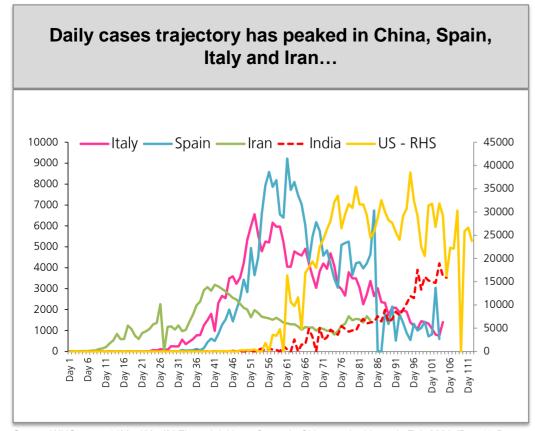
Date: 14-May-2020

Aishwarya Sonker aishwarya.sonker@jmfl.com | Tel: 9122 66303351 Harshita Kain harshita.kainj@jmfl.com | Tel: 9122 66301851 Suhas Harinarayanan suhas.hari@jmfl.com | Tel: 9122 66303037

Arshad Perwez

Arshad.perwezi@jmfl.com | Tel: 9122 66303080

India vs. Rest of World Cases in the worst hit nations have peaked



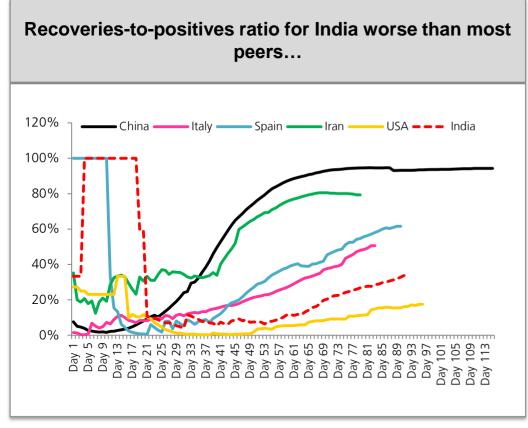
Source WHO as on 14May'20 JM Financial, Note, Cases in China peaked in early Feb 2020 (Day 15-Day 25, we have not plotted as it stands as an outlier);

...but growth in India higher than even the US in the last one week

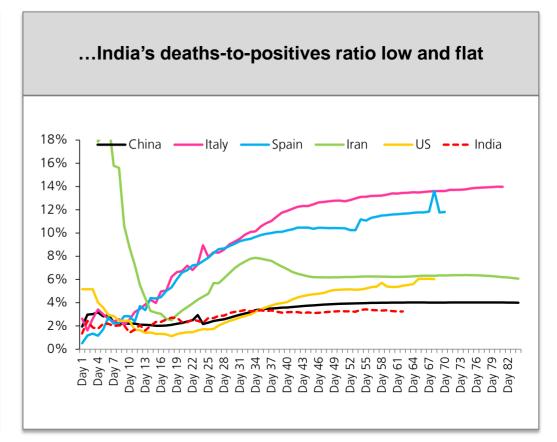
China* Italy	44%	34%			
Italy		54%	29%	8%	0.0%
	24%	19%	16%	5%	0.5%
France	16%	19%	15%	6%	0.7%
Spain	22%	30%	21%	7%	0.6%
Iran	47%	14%	8%	4%	1.5%
India	25%	9%	17%	10%	6.0%
US					1.7%
As on 13th May;	* Hube	i lockdown			

Source: WHO, JM Financial; As on 14May'20

India vs. Rest of World Yet, India's death rate relatively better...



Source Bloomberg, As on 14May'20, JM Financial

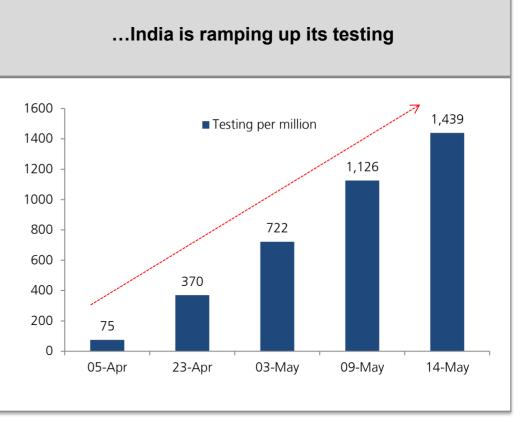


Source: WHO, JM Financial; As on 14May'20



India vs. Rest of World Ratios per tests for India also better...

	Positives per tests	Deaths per tests	As on
France	16%	3%	03-May
Iran	18%	1%	11-Ma y
Spain	9%	1%	07-May
US	14%	1%	12-May
Italy	8%	1%	11-May
India	4%	0%	14-May



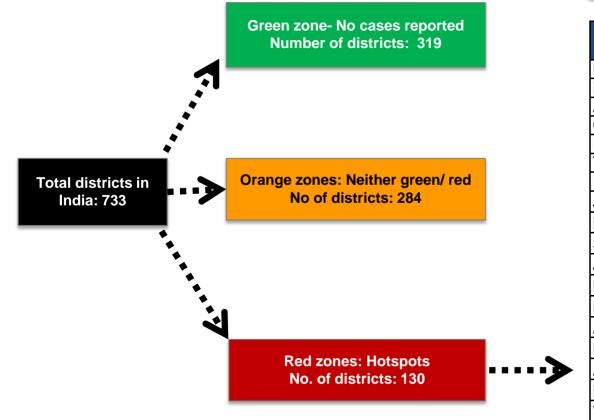
Source Official Heath ministry, Bloomberg, JM Financial

Source: Ministry of Health and Family Welfare, JM Financial



India: District wise

Domestically, hotspots account for 76% of cases; 45% of GDP

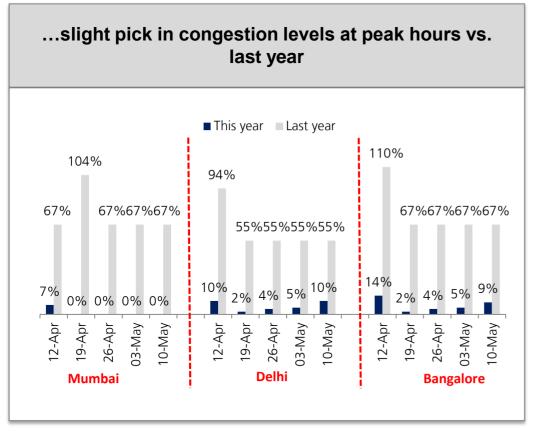


Top 20 hotspots districts constitute 70% of total cases

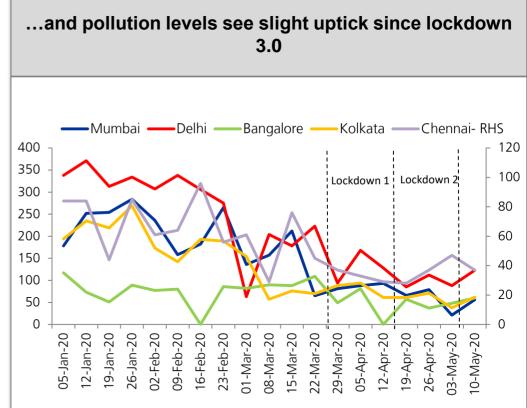
District State		% Total Cases	Growth in last week
Mumbai	Maharashtra	20%	61%
Delhi	Delhi	11%	63%
Ahmedabad	Gujarat	8%	56%
Chennai	Tamil Nadu	7%	182%
Pune	Maharashtra	4%	46%
Thane	Maharashtra	4%	127%
Indore	Madhya Pradesh	3%	25%
Jaipur	Rajasthan	2%	26%
Kolkata	West Bengal	1%	58%
Surat	Gujarat	1%	34%
Jodhpur	Rajasthan	1%	22%
Bhopal	Madhya Pradesh	1%	43%
Hyderabad	Telangana	1%	35%
Agra	Uttar Pradesh	1%	26%
Nashik Maharashtra		1%	94%
Aurangabad	Maharashtra	1%	109%
Kurnool	Andhra Pradesh	1%	15%
Vadodara	Gujarat	1%	49%
Howrah	West Bengal	1%	98%
Thiruvallur	Tamil Nadu	1%	480%



Some pick in economic activity with...

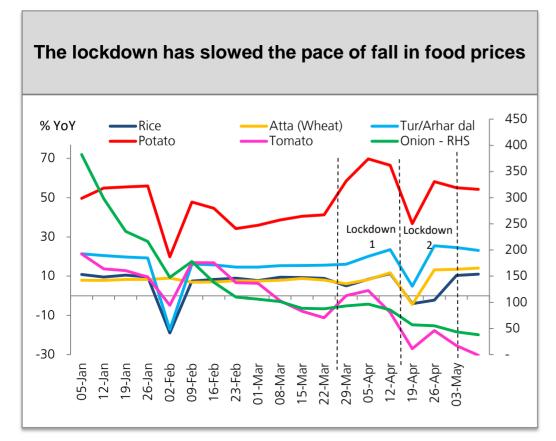




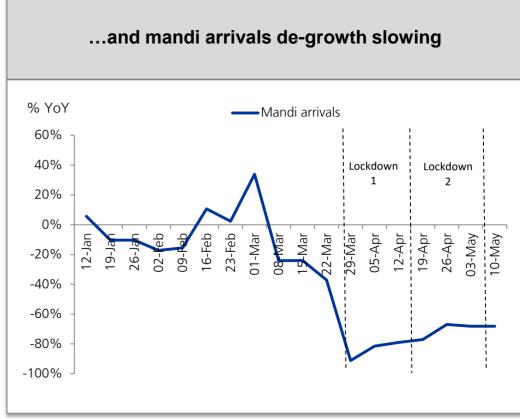


Source: CMIE, JM Financial; *Pollution index on 500 at 7pm for Mumbai, Delhi, Bangalore, Kolkata and Chennai in these regions- Sion, Mundkar, Alandur Bus depot, Heebal and Fort William respectively

Food prices steady; slowing contraction in mandi-arrivals



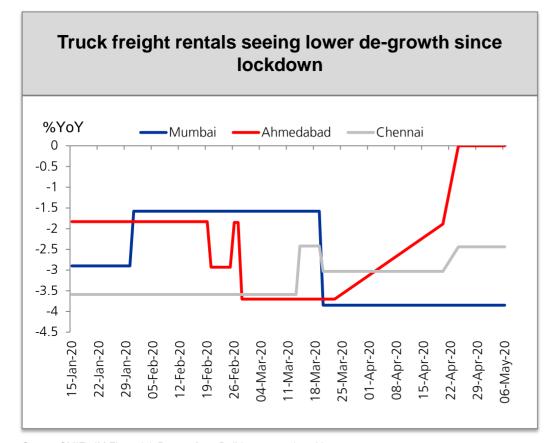
Source CMIE, JM Financial

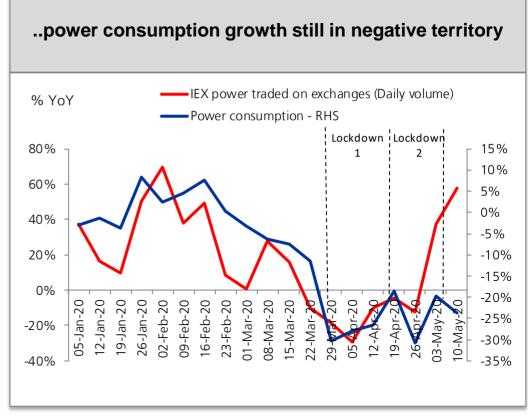


Source: Argmarket, JM Financial



Lower de-growth in truck rentals; Power consumption contracting



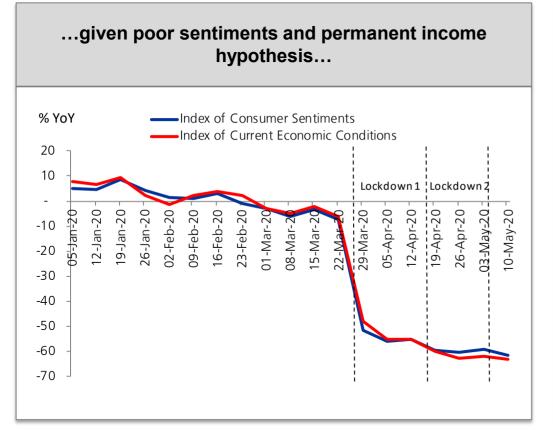


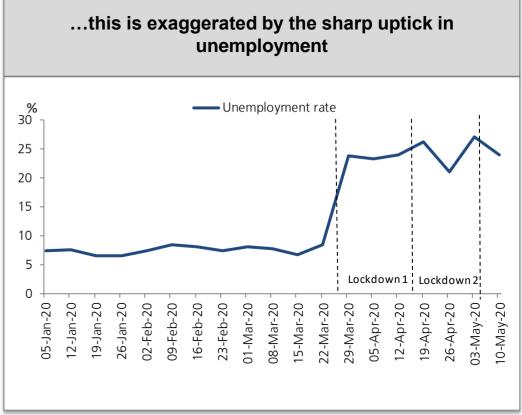
Source CMIE, JM Financial; Routes from Delhi to respective cities

Source CMIE, IEX, Posoco, JM Financial



Overall consumption likely to be hit in the near term...



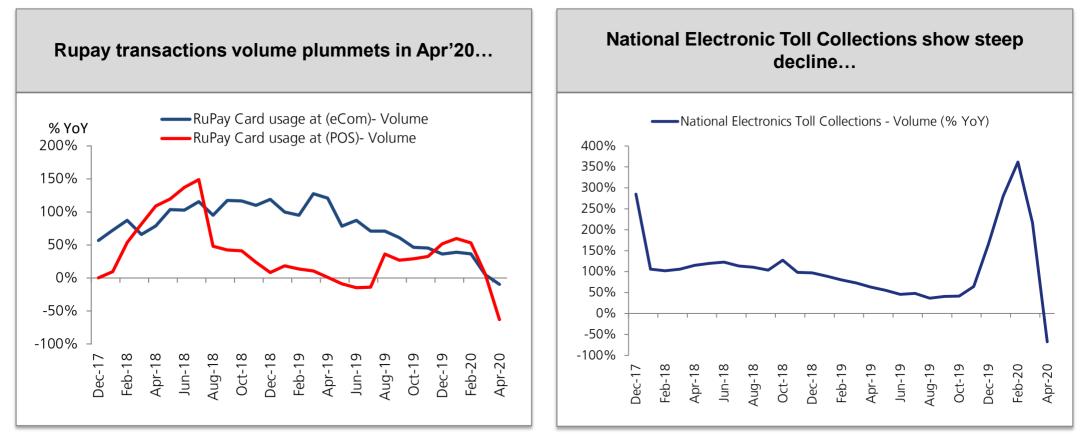


Source CMIE, JM Financial

Source: CMIE, JM Financial



Volume in digital payments, toll collections fall...

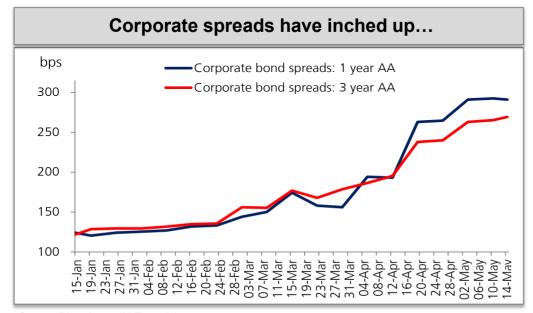


Source NSCI, JM Financial

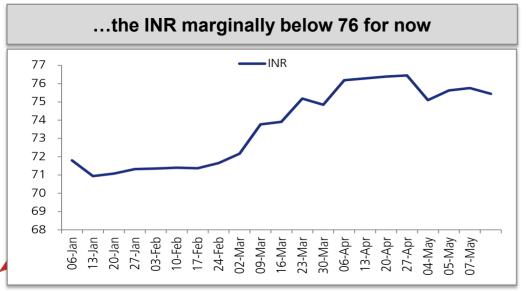
Source: NSCI, JM Financial

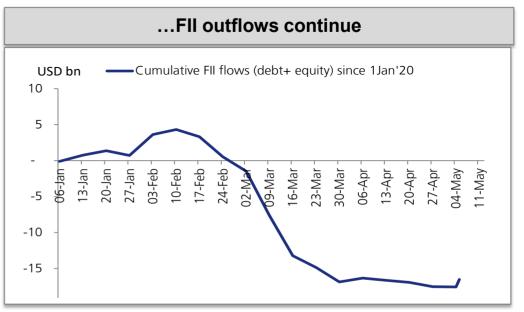


Other indicators...

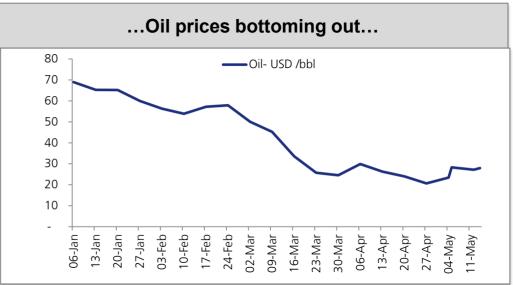


Source: Bloomberg, JM Financial

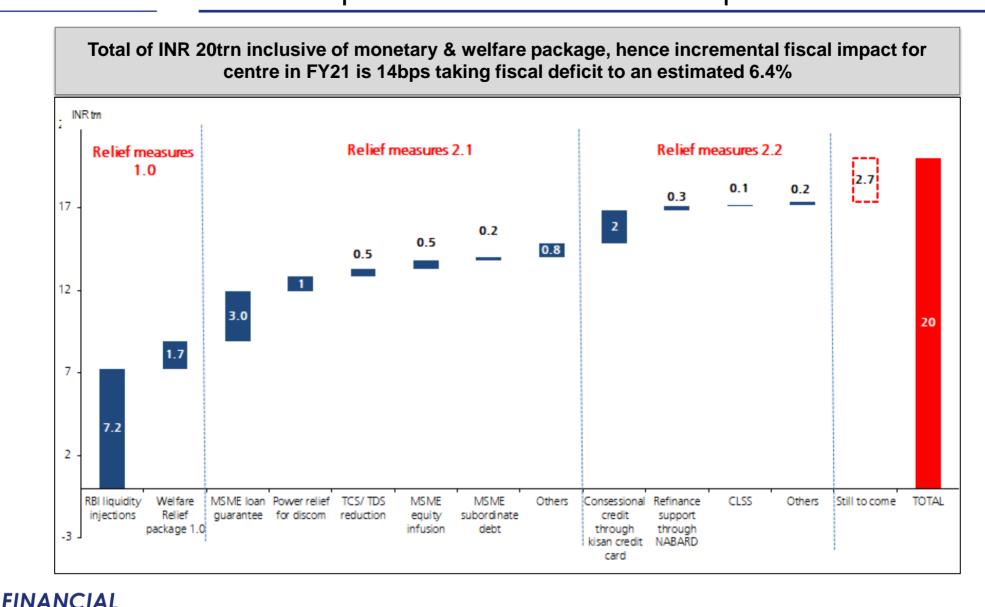








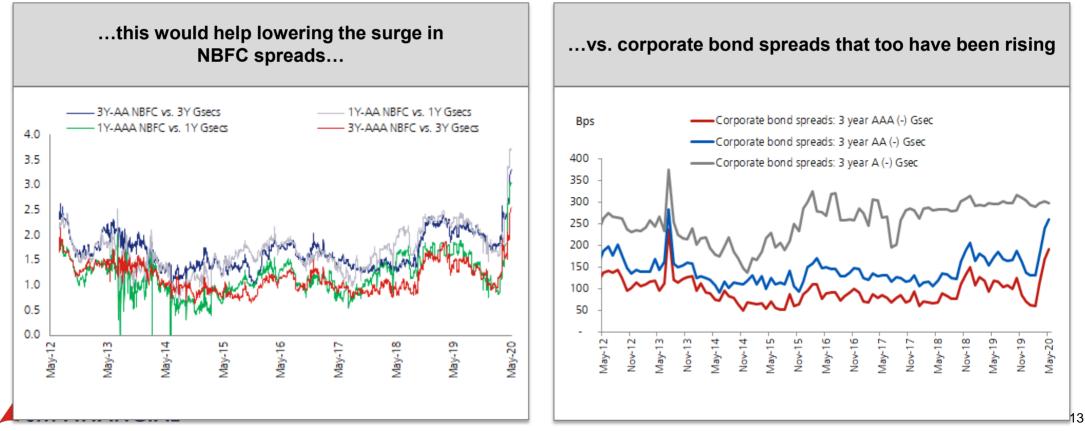
Relief measures 2.0 Fiscal impact from 2 tranches < 15bps of GDP



12

Relief measures 2.1 NBFCs: Special liquidity window, Partial Credit guarantee

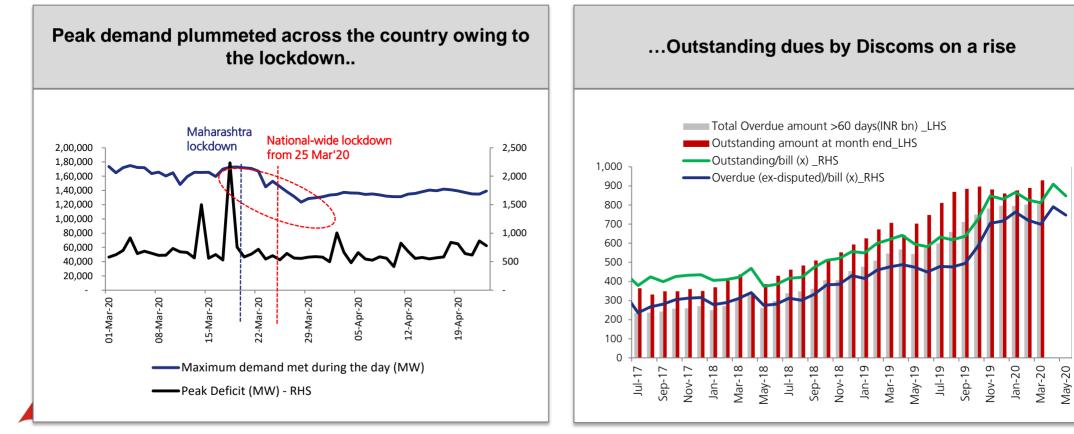
- **INR300 billion Special Liquidity Scheme for** both primary & secondary market purchase of investment grade debt paper of NBFCs/HFCs/MFIs which will then be fully guaranteed by Govt of India (GOI)
- Relief also in order for lower rated NBFCs/HFCs/MFIs -AA paper and below including unrated paper, where the GOI announced INR450 billion Partial Credit Guarantee Scheme 2.0 offering first loss guarantee of 20% to lenders
- The higher first loss guarantee (20% vs 10% under PCE1.0) and wider scope (unrated paper included vs excluded earlier) to help.



Source Bloomberg, JM Financial

Relief measures 2.1 Power: INR 900bn relief package for discoms

- The PFC / REC will be securitising the receivables of Discoms to pay the outstanding dues to Gencos.
- Loans will be given against State guarantees for discharging liabilities of Discoms to Gencos
- Central Power PSUs to offer rebate to Discoms for these payment (normally 1.5-2% as is usual practice)
- These will ease cash flows for NTPC and PGCIL as the burden shifts to PFC and REC's balance sheet.



Source CMIE, JM Financial

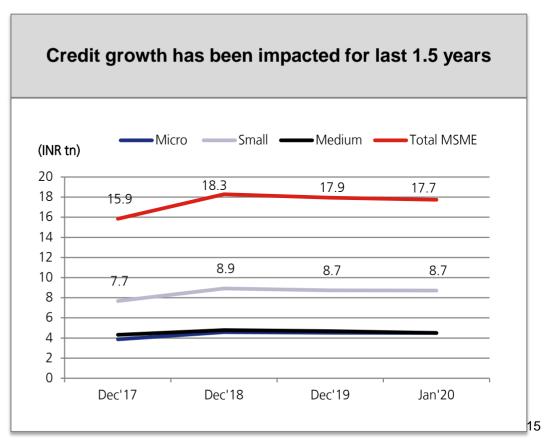
Source: CMIE, JM Financial

Relief measures 2.1 SMEs: 100% credit guarantee scheme worth INR 3trn

- This will be provided to incremental MSME loans, disbursed upto 31-Oct-2020, subject to various criteria
- The GoI will provide a 100% credit guarantee on Principal + Interest. MSME credit outstanding in the eligible bucket (ie. <INR 250mn loan segment) is c. INR 15trn, as per data available with TransUnion CIBIL.
- The credit guarantee of INR 3trn, equals credit costs of upto 15-20% and provides segment with much needed liquidity. Despite these, we retain our cautious view on the sector given clouded outlook on asset quality and growth.

MSME sector – 6.6% growth in enterprises, while employment growth of 3.6% CAGR (FY07-17)...

(in millions)	FY07	FY17	CAGR (%)
No. of MSME	36.2	63.4	6.4%
Manufacturing	11.5	19.7	6.1%
Services	24.7	43.7	6.6%
Employment (total)	80.5	111.0	3.6%
Manufacturing	32.0	36.0	1.3%
Services	48.5	74.9	4.9%



Source: CMIE, JM Financial

Relief measures 2.1

Other measures announced

Sector	Measures	Amount- INR bn	Description
MSMEs	Subordinate Debt	200	Functioning MSMEs which are NPA or are stressed will be eligible
MSMEs	Equity Infusion	500	Funds of Funds <u>with corpus of 10,000cr</u> will be set up to provide equity funding for MSMEs
MSMEs	New definition	-	Investment limit will be revised upwards Additional criteria of turnover also being introduced Distinction between manufacturing and Services sector to be eliminated
Businesses / MSMEs	Global tender disallowed	-	Global tenders will be disallowed in govt. procurement tenders upto INR 200cr
MSMEs	Other Interventions	-	e-Market linkage for MSMEs to be promoted Fintech will be used to enhance transaction based lending using the data generated by the e-marketplace
Businesses / Workers	EPF Support extended	25	EPF support announced under the PMGKP to be extended for 3 more months - June, July, Aug 2020
Businesses / Workers	EPF contribution reduced	68	EPF contribution by both employer and employee will be reduced to 10% from 12% for 3 months
Contractors	Extension of upto 6 months	-	Extension of upto 6 months provided by all central agencies (Railways, Road, Transport, Highways, CPWD) to contractors Govt. agencies to partially release bank guarantees
Real Estate	Extension of registration and completion date	-	Extension of registration and completion date of real estate projects under RERA suo-moto by 6 months for registered projects expiring on or after 25- Mar-20
Taxpayers	TDS / TCS reductions	500	Rates of TDS for non-salaried specified payments made to residents and rates of TCS for the specified receipts will be reduced by 25%
Taxpayers	Other direct tax measures		Pending refunds to charitable trusts and non-corporate businesses shall be issued immediately Due date of all income tax return for FY20 will be extended to 30-Nov-20 and Tax audit to 31-Oct-20 Date of assessments getting barred will be extended Period of Vivad se Vishwas Scheme for making payment without additional amount will be extended to 31-Dec-20
	TOTAL	1,293	

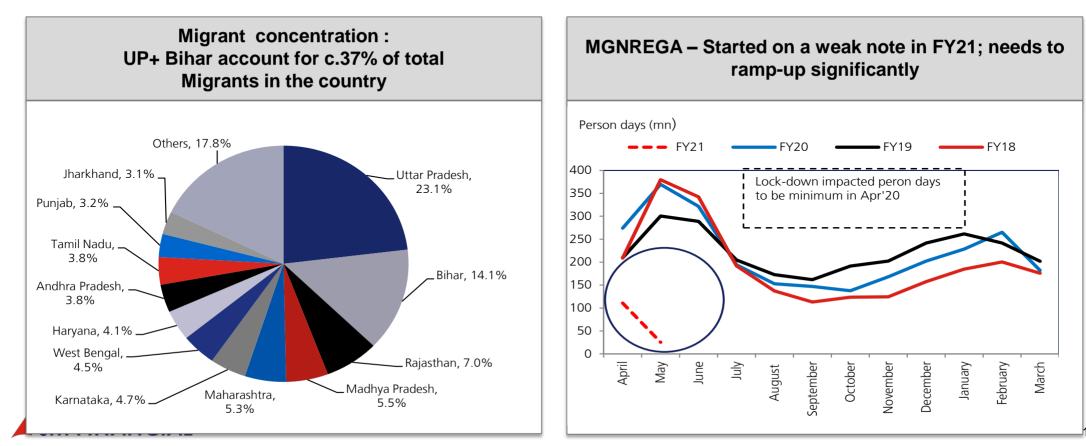
Relief measures 2.2 Housing: CLSS scheme (MIG-I and MIG-II) extended

- CLSS scheme for Middle Income Group (MIG-I and MIG-II) extended till Mar'21:
 - A benefit of INR 0.23mn is availed by the first time home buyer in this scheme
 - Directionally positive, scheme already operational
 - Slight positive impact in demand for affordable homes (39% of 1.56mn units under construction in this segment; source Anarock).
- INR 700billion investment expected by government, 0.25mn units to be sold
- We estimate total upfront cost for the government at INR 57.5bn

Particulars	EWS	LIG	MIGI	MIGII
Household Income (Rs.)	Upto 3 Lakh	3-6 Lakh	6-12 lakh	12-18 Lakh
Carpet Area in sqm	30	60	160	200
Interest Subsidy (% p.a.)	6.5	5%	4.0%	3.0%
Maximum Loan Tenure	20 Years			
Eligible Loan Amount (Rs)	6,00,000/- 9,00,000/-		12,00,000/-	
Discounted NPV Rate	9%			
Upfront amount for Subsidy (Rs.) for a 20 Year Loan	2,67,	280/-	2,35,068/-	2,30,156/-
Approx. monthly savings @ Loan Interest of 10%	2,50	00/-	2,250/-	2,200/-

Relief measures 2.2 Migrants : Near-term relief still required

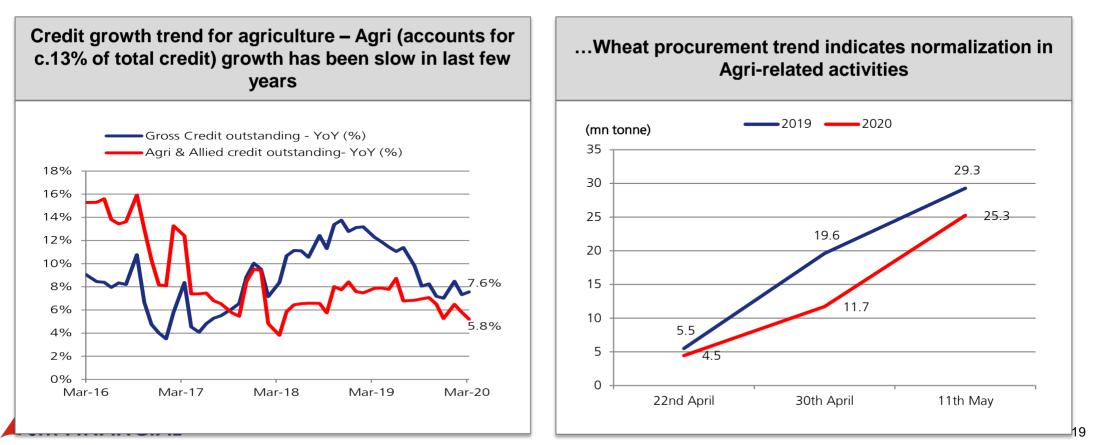
- Extension of free food-grains (INR 35bn) to non-PDS card holder (to benefit c.80mn migrants) for 2 months
- Other schemes such as (a) providing INR50bn credit facility for 50mn street vendors, (b) 2% subvention to lower ticket MUDRA loans (<INR50K), (c) INR60bn job creation from CAMPA funds to benefit in next few months
- Lock-down has impacted work-availability even in MGNREGA significantly in Apr-May'20 (mid)



Source Census 2011, JM Financial

Relief measures 2.2 Rural: Steps to improve credit availability

- INR300bn of additional refinancing for NABARD (on top of INR900bn) to help expand agri-credit growth from mid-single digit growth
- Plan to provide Kisan Credit Cards (KCC) to 25mn farmers (existing: 70mn) to significantly improve financial inclusion
- Agri-related activities have largely remained un-affected by lock-down as reflected by completion of Rabi harvesting & near normal MSP based procurement of wheat. A better credit environment to aid agri-related investments going into Kharif season as well



Source RBI, JM Financial

Source: FCI, JM Financial

Relief measures 2.2 Other measures...

Sector / Beneficiary	Number of beneficiaries	Measures	Amount (INR bn)	Description
Migrants	80mn migrants	Free Food for 2 months	35	5 kg of grains per person and 1 kg chana per family per month for 2 months For migrants who are neither NFSA nor state card beneficiaries in the state they are stationed
Migrants	670mn (83% of PDS population)	One nation, one ration card		Tech to enable migrants to access PDS from any fair price shop in India by Mar'21
Migrants / Urban Poor		Affordable Rental Housing Complexes (ARHC)		Scheme to be launched under PMAY to provide ease of living at affordable rent
Small businesses under MUDRA		Shishu Loans	15	Interest subvention of 2% for prompt payees for 12 months Loan moratorium has already been granted
Street Vendors (5mn)	5mn Street Vendors	Special Credit Facility	50	Initial working capital of upto INR 10,000
Housing sector / Middle income group	0.25mn middle income families	CLSS extension	57.5	Credit Linked Subsidy Scheme extended till Mar'21. But
Tribals / Adivasis		Employment Push using CAMPA funds	60	Compensatory Afforestation Fund Management and Planning Authority (CAMPA) funds will create jobs in urban, semi-urban and rural areas
Farmers	30mn farmers	Additional working capital funding through NABARD	300	NABARD will extend additional refinance support for crop loan requirement of Rural Co-op Banks and RRBS Over and above the 900bn announced earlier
Farmers	25mn farmers	Concessional Credit Boost	2,000	Concessional credit to PM-KISAN beneficiaries through Kisan Credit Cards Fishermen and Animal Husbandry farmers will be included
TOTAL			2,518	



Refer to our other notes of the COVID-19 series

- <u>Stimulus 2.1 doesn't hurt the FY21 fiscal</u>
- Lockdown 4.0: Stimulus includes monetary stimulus
- <u>COVID-19 Tracker_8May2020</u>
- Lockdown 3.0 in India
- Positive development in agriculture amidst gloom everywhere
- Domestic remittances to be impacted by the lockdown
- Lockdown impacts food supply chain
- <u>RBI: Emergency move, well behooved?</u>
- Government comes up with 1st set of relief measures
- Lockdown to bring down food inflation
- India enters into full lockdown experiment
- <u>As India enters into a lockdown..</u>
- Feedback from companies on supply chain restoration
- Constraints of health infra vs. economic implications
- <u>COVID-19: Mysterious virus, mixed impact</u>



JM Financial Institutional Securities Limited

(formerly known as JM Financial Securities Limited)

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd., National Stock Exchange of India Ltd. and Metropolitan Stock Exchange of India Ltd. SEBI Registration Nos.: -Stock Broker - INZ000163434, Research Analyst - INH000000610 Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India. Board: +9122 6630 3030 | Fax: +91 22 6630 3488 | Email: imfinancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Mr. Sunny Shah | Tel: +91 22 6630 3383 | Email: sunny.shah@imfl.com

Definition of ratings		
Rating	Meaning	
Buy	Total expected returns of more than 15%. Total expected return includes dividend yields.	
Hold	Price expected to move in the range of 10% downside to 15% upside from the current market price.	
Sell	Price expected to move downwards by more than 10%	

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE), National Stock Exchange of India Ltd. (NSE) and Metropolitan Stock Exchange of India Ltd. (MSEI). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (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) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and members of their household are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

JM FINANCIAL

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision. The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

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 JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdictions. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Persons who receive this report from JM Financial Singapore Pte Ltd may contact Mr. Ruchir Jhunjhunwala (ruchir.jhunjhunwala@jmfl.com) on +65 6422 1888 in respect of any matters arising from, or in connection with, this report.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

JM Financial Institutional Securities only accepts orders from major U.S. institutional investors. Pursuant to its agreement with JM Financial Institutional Securities, JM Financial Securities effects the transactions for major U.S. institutional investors. Major U.S. institutional investors may place orders with JM Financial Institutional Securities directly, or through JM Financial Securities, in the securities discussed in this research report.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and a "permitted client" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the informati

##