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Early economic indicators have revealed mixed trends in October 2019, with 11 of our expanded set of 18 indicators displaying sequential improvement in their year-on-year (YoY) performance. This sub-set includes hydroelectricity generation, refinery production, domestic airlines' passenger traffic, non-oil merchandise exports, petrol and ATF consumption, and bank deposits and credit. On the contrary, the performance of seven of the 18 indicators worsened in October 2019 from September 2019. Fewer working days with an earlier onset of the festive season in 2019 relative to 2018, contributed to a weaker performance of sectors such as the output of passenger vehicles (PV), motorcycles and scooters, which seems to have had a knock-on impact on some indicators of freight and demand for thermal electricity. Moreover, 10 of the 18 indicators recorded a contraction in October 2019. Accordingly, we expect both the core sector as well as the Index of Industrial Production to report a contraction for that month. Looking ahead, a favourable base effect as well as a post-monsoon pickup in production may push up growth in various sectors in November 2019.

- Aggregate auto production recorded a contraction for the twelfth month in a row, and the pace of the same worsened to 26.2% in October 2019 (+20.7% in October 2018) from 18.3% in September 2019 (+8.0% in September 2018), partly on account of fewer working days related to the early onset of the festive season as well as an unfavourable base effect. This sequential deterioration was led by PV (to -21.1% from -18.1%), scooters (to -25.4% from -15.8%) and motorcycles (to -26.0% from -18.9%). However, the pace of contraction in the production of commercial vehicles (CV) narrowed slightly in October 2019 relative to September 2019 (to -45.5% from -46.3%), although it remained considerable.
- Coal India Limited's (CIL) output continued to contract in October 2019, following the late withdrawal of monsoon and ongoing labour issues, although the pace of the same narrowed to 20.9% from 23.5% in September 2019. While production may pick up pace following the ebbing of rainfall, with the cumulative output of CIL in April-October 2019 standing at 280.4 million tonnes, the likelihood of achieving its FY2020 target of 660 million tonnes appears dim.
- The YoY decline in electricity generation worsened to 13.4% in October 2019 from 3.2% in September 2019, as heavy rainfall reduced demand for power from the agricultural and household sectors, and demand from the manufacturing sector was limited given the holidays during the festive period. While the rise in reservoir levels boosted the growth of hydro electricity generation to 21.8% in October 2019 from 19.3% in September 2019, the contraction in thermal electricity generation deepened to 19.3% in October 2019 from 9.6% in the previous month.
- Rail freight and diesel consumption contracted for the third month in a row in October 2019, which may partly be on account of the curtailed mining and movement of coal, as well as muted production in various manufacturing sectors. The pace of contraction of rail freight and diesel consumption deepened to 8.1% and 7.4%, respectively, in October 2019 from 6.6% and 3.2%, respectively, in September 2019.
- Refinery production reverted to a mild expansion of 0.2% in October 2019 from the contraction of 6.9% in the previous month. Moreover, the contraction in production of crude oil eased marginally to 5.1% from 5.4%, respectively.
- The cargo handled at major ports witnessed a deeper contraction of 5.3% in October 2019 from 0.4% in September 2019, led by coal and other cargo shipments. In contrast, the non-oil merchandise exports reverted to a growth of 1.4% in October 2019 in US\$ terms, from the contraction of 4.5% in the previous month, the sustainability of which remains unclear.
- The YoY performance of ATF consumption (to +1.6% from -2.1%), passenger traffic by domestic airlines (to +4.0% from +1.2%) and petrol consumption (to +8.9% from +6.3%) recorded an improvement in October 2019 relative to September 2019, which may have benefitted from travel during the festive season.
- Moreover, the YoY growth of bank deposit and non-food bank credit rose to 10.3% and 8.8%, respectively, on October 25, 2019 from 9.4% and 8.6%, respectively, on September 27, 2019.



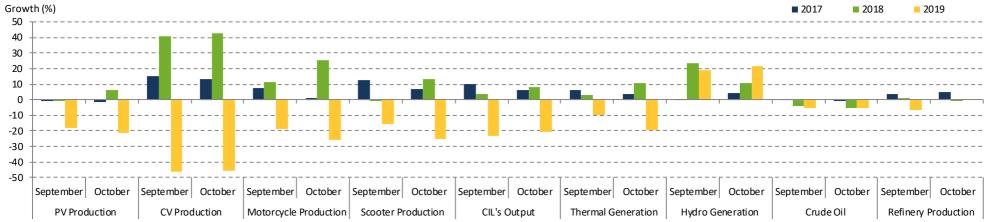
Exhibit 1: The YoY performance of seven of the 18 early indicators displayed a sequential deterioration in October 2019. However, the contraction in the output of CV, CIL and crude oil eased in October 2019 relative to September 2019. Moreover, the pace of growth improved sequentially for bank deposits and credit, hydro electricity generation, refinery production, non-oil exports, domestic airlines' passenger traffic, as well as consumption of ATF and petrol.

Months	PV	CV	Motor cycle	Scooter	CIL Prod.	Thermal Gen.	Hydro Gen.		Refinery Product				Domestic Airlines Passengers	ATF	Petrol	Diesel	Bank Deposits	Non Food Bank Credit
Aug-19	-24.4	-42.1	-17.0	-16.9	-10.3	-3.1	7.1	-5.4	2.4	-5.3	1.3	-6.1	3.9	-2.9	9.0	-1.2	9.8	10.2
Sep-19	-18.1	-46.3	-18.9	-15.8	-23.5	-9.6	19.3	-5.4	-6.9	-4.5	-0.4	-6.6	1.2	-2.1	6.3	-3.2	9.4	8.6
Oct-19	-21.1	-45.5	-26.0	-25.4	-20.9	-19.3	21.8	-5.1	0.2	1.4	-5.3	-8.1	4.0	1.6	8.9	-7.4	10.3	8.8

Source: Society of Indian Automobile Manufactures (SIAM); CIL; Central Electricity Authority (CEA); Ministry of Commerce and Industry, Government of India (GoI); Ministry of Petroleum and Natural Gas; Indian Railways; Directorate General of Civil Aviation (DGCA); Indian Ports Association; Reserve Bank of India (RBI); CEIC; ICRA research

YoY growth; sequential pickup	YoY growth; sequential dip	YoY growth; no sequential	YoY contraction; sequential	YoY contraction; sequential dip		
		change	pickup			

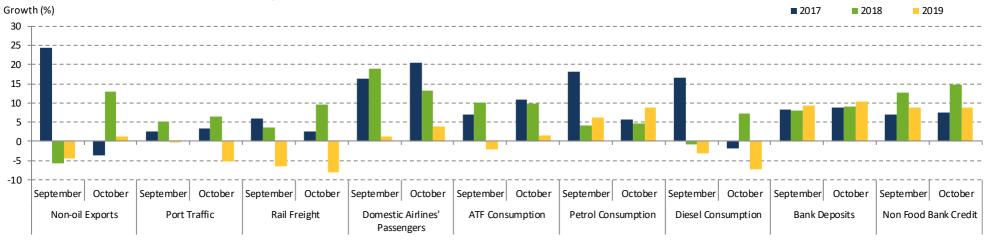




Source: SIAM; CIL; CEA; Ministry of Petroleum and Natural Gas; Ministry of Commerce and Industry, GoI; CEIC; ICRA Research

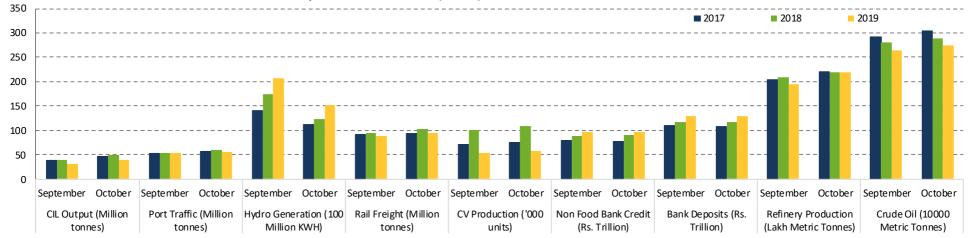






Source: Indian Ports Association; Ministry of Commerce, Gol; Indian Railways; DGCA; PPAC; RBI; CEIC; ICRA research

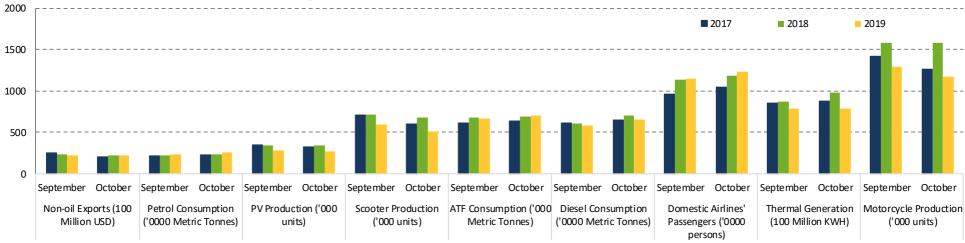




Source: CIL; Indian Ports Association; CEA; Ministry of Petroleum and Natural Gas; Indian Railways; SIAM; RBI; Ministry of Commerce and Industry, GoI; CEIC; ICRA Research







Source: PPAC; SIAM; DGCA; Ministry of Commerce, GoI; CEA; CEIC; ICRA research





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