



EAI - Monthly Dashboard: Economic activity resilient in Apr'23

Better growth in the non-farm sector

- Preliminary estimates indicate India's economic activity index (EAI) for GVA showed robust growth of 8.9% YoY in Apr'23 v/s 7.5% YoY each in Mar'23/Apr'22. Higher growth was led by industrial activity, which was driven by the manufacturing sector (though partly offset by second successive decline in power production). The services sector remained resilient, as it posted double-digit growth for the fourth consecutive month in Apr'23. On the other hand, agriculture growth remained muted.
- EAI-GDP also picked up in Apr'23 to 4.3% YoY from 3.1%/9.9% YoY in Mar'23/Apr'22, led by better growth in consumption and a lower trade deficit. The surge in auto sales, growth in government spending and an expected improvement in IIP for the consumer durables sector are likely to have boosted consumption growth in Apr'23. Excluding fiscal spending (revenue spending excluding interest and subsidies), EAI-GDP grew 4.7% YoY in Apr'23, better than 4% YoY in Mar'23.
- A look at limited available data for May'23 suggests that India's growth may have weakened in May'23. Although the manufacturing PMI was at a 31-month high last month, passenger vehicle sales were strong and toll collections were also good, they were largely offset by a deceleration in power generation, a contraction in CV sales, weak freight traffic growth and falling water reservoir levels.
- Overall, after better-than-expected growth in 4QFY23, India's economic growth remained resilient in Apr'23 as well.
 Further, we do not see any substantial deterioration in May'23 too. Accordingly, we will soon upgrade our FY24 real GDP growth forecast.

Motilal Oswal values your support in the Asiamoney Brokers Poll 2023 for India Research, Sales, Corporate Access and Trading team.

We request your ballot.

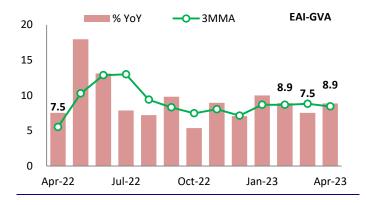


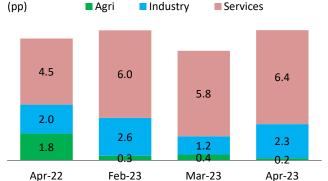
Preliminary estimates indicate India's EAI for GVA continued to grow strongly at 8.9% YoY in Apr'23 v/s 7.5% YoY each in Mar'23/Apr'22

- EAI-GVA continued to grow strongly in Apr'23: Preliminary estimates indicate India's EAI-GVA showed robust growth of 8.9% YoY in Apr'23 v/s 7.5% YoY each in Mar'23/Apr'22. Higher growth was led by industrial activity, which was driven by the manufacturing sector. The services sector also continued to show resilience, as it posted double-digit growth for the fourth consecutive month in Apr'23. On the other hand, agriculture growth remained muted. (Exhibits 1, 2).
- **EAI-GDP growth also picked up:** EAI-GDP also picked up in Apr'23 to 4.3% YoY from 3.1%/9.9% YoY in Mar'23/Apr'22, led by better growth in consumption and a lower trade deficit. The surge in auto sales, growth in government spending and an expected improvement in IIP for the consumer durables sector are likely to have boosted consumption growth in Apr'23. Excluding fiscal spending, EAI-GDP grew 4.7% YoY in Apr'23, better than 4% YoY in Mar'23 (*Exhibits 3, 4*).

Exhibit 1: EAI-GVA continued to grow strongly in Apr'23...

Exhibit 2:led by improvement in the non-farm sector





Source: Various national sources, CEIC, MOFSL

Nikhil Gupta - Research analyst (Nikhil.Gupta@MotilalOswal.com)

Tanisha Ladha - Research analyst (Tanisha.Ladha@MotilalOswal.com)

EAI-GDP

20

14

8

2

(4)

9.9

Apr-22



Exhibit 3: EAI-GDP growth picked up to 4.3% YoY in Apr'23... % YoY

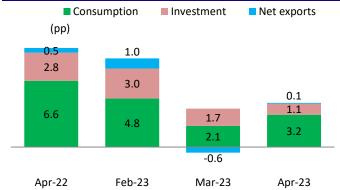
Jun-22 Aug-22 Oct-22 Dec-22 Feb-23 Apr-23

-0-3-mma

8.7



Exhibit 4: ...led by improvement in consumption



Contribution of various components to EAI-GDP Source: Various national sources, CEIC, MOFSL

- Consumption growth picked up in Apr'23: Total consumption growth accelerated to 4.6% YoY in Apr'23 v/s 3.1%/8.4% YoY in Mar'23/Apr'22 (Exhibit 5). The improvement was led by robust auto sales and continued resilience in personal loan growth. Even fiscal spending growth accelerated to 5.6% YoY v/s a contraction of 14% YoY in the previous month. On the other hand, rural wages and petrol consumption remained muted (Exhibit 9 for the heat map).
- **Investment growth remained flat:** According to our estimates, investments grew 6.0% YoY in Apr'23 v/s 5.8% in Mar'23 (Exhibit 6). A continued contraction in power generation and lower fiscal capex growth dragged down investment growth in Apr'23. On the other hand, improvement in steel and cement production, robust industrial credit and better diesel sales supported investment activity (Exhibit 10 for the heat map). External trade added 0.1pp to EAI-GDP growth, as real merchandise imports fell faster than real exports on the back of a fall in commodity prices.

The non-farm sector increased 10.1% YoY in Apr'23, following 8-9% growth in the past two months

- Sharply higher industrial growth and steady services sector growth lifted EAI-**GVA growth:** EAI-GVA details suggest that the acceleration in GVA was primarily led by the industrial sector, which grew at a three-month high rate of 8.5% YoY in Apr'23. The services sector, on the other hand, continued to grow in double digits for the fourth consecutive month. Thus, the non-farm sector increased 10.1% YoY in Apr'23, following 8-9% growth in the past two months. In industrial activities, the manufacturing sector grew at the fastest pace in five months. Construction activity also remained robust. The agriculture sector, however, posted a 45-month low growth rate of 1.1% YoY in Apr'23, due to a sharp fall in tractor sales, lower reservoir levels and continued contraction in rural wages growth (Exhibit 11 for the heat map).
- India's growth may have weakened in May'23: A look at limited available data for May'23 suggests that India's growth may have weakened in May'23. Although the manufacturing PMI was at a 31-month high last month, passenger vehicle sales were strong and toll collection was also good, they were largely offset by deceleration in power generation, a contraction in CV sales, weak freight traffic growth and falling water reservoir levels (Exhibit 12 for the heat
- FY24 real GDP growth to be revised upward: Overall, after better-thanexpected growth in 4QFY23, India's economic growth remained resilient in Apr'23 as well. Further, we do not see any substantial deterioration in May'23 too. Accordingly, we will soon upgrade our FY24 real GDP growth forecast (of 5.2%).

2 June 2023 2



Exhibit 5: Consumption growth improved to 4.6% YoY in Apr'23, led by robust auto sales and personal loans growth

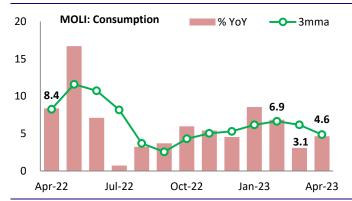


Exhibit 7: Industrial activity growth jumped up sharply to 8.5% in Apr'23...



including construction

Exhibit 6: Investment growth remained broadly unchanged at 6% in Apr'23

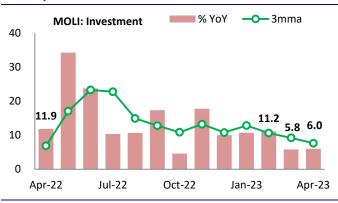


Exhibit 8: Services growth continued to stay in double-digits in Apr'23

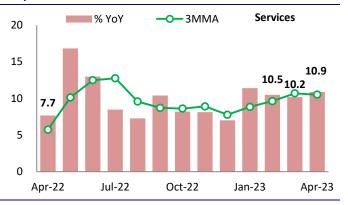




Exhibit 9: Key leading indicators for consumption

% YoY	Passenger traffic ¹	Revenue spending ²	Petrol sales	Rural wages ³	Consumer durable: IIP	Currency	Auto sales ⁴	Imports ⁵	Foreign tourists arrival ⁶	Personal credit	Services PMI
Apr-22	115.0	28.4	17.2	(1.0)	(0.8)	10.4	11.4	30.4	399.2	14.4	57.9
May-22	479.3	27.6	51.5	(1.2)	1.4	8.8	241.3	26.6	2043.7	16.3	58.9
Jun-22	239.7	(14.3)	23.2	(0.7)	2.9	8.0	23.1	31.5	1349.2	18.1	59.2
Jul-22	166.4	(53.8)	6.8	(0.6)	(2.9)	8.1	10.3	36.1	783.9	18.7	55.5
Aug-22	111.4	(7.3)	11.7	(0.9)	(9.0)	8.1	17.6	36.0	437.3	19.4	57.2
Sep-22	86.3	6.5	8.8	(1.5)	(5.7)	8.3	21.0	11.7	363.7	19.4	54.3
Oct-22	61.0	51.5	8.9	(1.0)	(13.0)	9.3	5.7	5.0	243.2	20.1	55.1
Nov-22	49.4	(7.8)	8.2	0.3	10.0	7.7	19.4	4.2	165.3	19.6	56.4
Dec-22	39.7	(19.7)	5.9	0.4	7.9	8.2	4.5	(2.2)	204.2	20.0	58.5
Jan-23	66.0	23.7	14.3	0.3	6.3	8.5	7.2	(6.6)	330.8	20.4	57.2
Feb-23	31.2	2.5	8.8	(0.1)	12.1	8.1	9.3	(13.3)	259.4	20.4	59.4
Mar-23	20.8	(14.0)	6.8	(0.3)	(3.1)	7.9	8.1	(13.8)	132.5	20.6	57.8
Apr-23	20.5	5.6	2.9	(0.5) ⁷	8.0 ⁷	7.7	19.3	(12.3)	103.6	19.4	62.0

Railways and aviation

⁶ Extraordinary high growth due to base effect (not considered into our analysis)

Worse than previous month and a year ago
Worse than the previous month but better than a year ago
Better than the previous month but worse than a year ago

Better than previous month and a year ago

Exhibit 10: Key leading indicators for investments

% YoY	Cargo traffic ¹	Electricity	Auto sales ²	Diesel sales	Capital goods' imports ³	Cement Production	IIP: Non- metallic products	IIP: Capital goods	Industrial credit	Govt capex ⁴	Manufacturing PMI
Apr-22	8.1	11.8	58.8	7.8	5.0	7.4	6.9	12.0	8.0	67.5	54.7
May-22	12.6	23.5	320.4	31.7	9.0	26.2	22.1	53.3	8.8	77.8	54.6
Jun-22	12.1	16.5	102.6	23.9	11.7	19.7	19.6	28.6	9.5	40.1	53.9
Jul-22	10.5	2.3	48.3	8.1	28.0	0.5	0.0	5.1	10.5	98.5	56.4
Aug-22	7.9	1.4	47.2	13.1	29.0	2.1	1.4	4.3	11.4	0.5	56.2
Sep-22	11.1	11.6	51.5	13.4	29.5	12.4	9.6	11.4	12.6	57.5	55.1
Oct-22	2.1	1.2	34.1	5.6	10.3	(4.2)	(3.6)	(2.9)	13.6	176.5	55.3
Nov-22	4.1	12.7	36.9	19.2	15.1	29.1	20.7	20.7	13.1	87.1	55.7
Dec-22	5.5	10.4	23.6	6.6	13.8	9.5	7.4	7.8	8.6	(63.7)	57.8
Jan-23	6.6	12.7	32.1	12.7	5.4	4.6	1.1	10.7	8.7	59.8	55.4
Feb-23	6.3	8.2	30.7	7.4	18.0	7.4	2.8	10.5	7.0	(53.2)	55.4
Mar-23	3.0	(1.6)	30.3	1.1	9.6	(0.6)	(1.7)	8.1	5.7	125.4	56.4
Apr-23	2.7	(1.4)	22.7	8.6	3.1	11.6	1.5 ⁵	8.5 ⁵	7.0	(0.6)	57.2

Railways and waterways

⁴ Capital spending of the central government



Worse than previous month and a year ago
Worse than the previous month but better than a year ago
Better than the previous month but worse than a year ago
Better than previous month and a year ago

² Revenue spending *less* interest payments of the central government

Real rural wages; deflated by CPI for rural workers

⁴ Includes passenger vehicles and two-wheelers

Imports of agricultural items, leather products, newsprint and electronic goods, textiles (excluding gold, silver, precious metals)

Our forecasts

² Includes commercial vehicles and three-wheelers

Machinery and equipment, transport equipment, machine tools and project goods

³ Our forecasts



Exhibit 11: Key indicators used in the creation of EAI-GVA on a monthly basis

%YOY Apr-22 May-22 Jun-22 Jun-23 Jul-23 Aug-22 Sep. 20 Ct-22 Nov-22 Jon-23 Feb. 3 Mar-23 Apr-23 Apriculture and allied activities Jun-22 May-23 Jul-23 Aug-23 Sep. 3 Sep.	Exhibit 11: Key indicators us								Nov. 22	Dec 22	Jan. 22	Feb 22	May 22	A 22
	% YoY		iviay-22	Jun-22	Jui-22	Aug-22	Sep-22	Oct-22	NOV-22	Dec-22	Jan-23	Feb-23	iviar-23	Apr-23
Domestic tractor sales 38.1 47.7 10.9 11.2 11.0 18.9 3.6 4.4 19.2 16.0 11.8 10.1 13.0 13.0 Real rural wages 1.0 12.2 10.7 16.8 18.9 36. 15.5 12.0 0.3 0.4 0.3 0.1 0.3 0.5 0.5 Reservoir levels 11.6 6.8 (12.0) 18.9 36. 15.5 13.2 8.5 5.8 2.9 0.4 (4.2) (1.8) 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	•		22.0	0.2	6.2	11.0	11.0	Ε 4	6.4	7 2	17.0	77 7	0.7	22.5
Real rural wages														
Reservoir levels					, ,									
Agriculture sector Industrial sector Coal Solary So	-													
Industrial sector														
Coal 30.1 33.5 32.1 11.4 7.7 12.1 3.7 12.3 12.3 13.4 8.5 12.2 9.0 Crude oil (0.9) 4.6 (1.7) (3.8) (3.3) (2.3) (2.2) (1.1) (1.2) (1.1) (4.9) (2.8) (3.5) Natural gas 6.4 7.0 1.2 (0.3) (0.9) (1.7) (4.2) (0.7) 2.6 5.3 3.2 2.8 (2.8) IIIP: Mining 8.4 11.2 7.8 (3.3) (3.9) 5.2 2.6 9.7 10.1 8.8 4.8 6.8 4.2 Mining 10.6 17.8 10.4 (1.4) (1.9) 5.1 2.5 8.9 8.8 8.0 1.5 5.2 3.1 Electricity 11.8 23.5 16.5 2.3 1.4 11.6 1.2 12.7 10.4 12.7 8.2 (1.6) (1.4) IIIP: Manufacturing 5.6 20.7 12.9 3.1 (0.5) 2.0 (5.8) 6.7 3.6 4.0 5.6 0.5 4.5 Credit growth (6.4) (6.7) (5.8) (3.2) (1.0) 1.8 4.5 6.5 3.4 3.8 3.0 4.3 8.0 Eucl consumption 2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIIP: NIMMP 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Trade credit (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic 8.1 (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic 8.1 (1.6) (12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic 8.1 (1.6) (12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic 8.1 (1.6) (1.2) (1.3) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.4) (1.9) (1.8) (1.9) (1.4) (1.9) (1.4) (1.9) (1.8) (1.8) (1.9) (1.9) (1.9) (1.9) (1		5./	5.0	1.8	3.5	4.6	4.5	4.1	3.7	4.2	3.2	2.6	3.2	1.1
Crude oil (0.9) 4.6 (1.7) (3.8) (3.3) (2.3) (2.2) (1.1) (1.2) (1.1) (4.9) (2.8) (3.5) Natural gas (6.4 7.0 1.2 (0.3) (0.9) (1.7) (4.2) (0.7) 2.6 5.3 3.2 2.8 (2.8) IIIP: Mining (8.4 11.2 7.8 (3.3) (3.9) 5.2 2.6 9.7 10.1 8.8 4.8 6.8 4.2 Mining (10.6 17.8 10.4 (1.4) (1.9) 5.1 2.5 8.9 8.8 8.0 1.5 5.2 3.1 Electricity (11.8 23.5 16.5 2.3 1.4 11.6 1.2 12.7 10.4 12.7 8.2 (1.6) (1.4) IIIP: Manufacturing (5.6 20.7 12.9 3.1 (0.5) 2.0 (5.8) 6.7 3.6 4.0 5.6 0.5 4.5 Credit growth² (6.4) (6.7) (5.8) (3.2) (1.0) 1.8 4.5 6.5 3.4 3.8 3.0 4.3 8.0 Fuel consumption (2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing (7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production (2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output (7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIIP: NMMP³ (6.9 22.1 19.6 0.0 14.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIIP: Construction (4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 IIIP: Construction (4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry (7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 1.1 8.5 Services sector Auto sales (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 12.4 12.5 1.6 6.6 6.3 3.0 2.7 Passengers traffic² (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 12.4 12.5 Foreign tourist arrivals (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 12.4 12.5 Foreign tourist arrivals (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals (1.9) (2.9) 0.4 0.1 0.1 0.5 9.7 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals (1.9) (2.9) 0.4 0.1 0.1 0.5 9.7 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals (1.9) (2.9) 0.4 0.1 0.1 0.5 9.7 9.7 7.7 9.3 8.4 11.5 12.4 12.4 12.5 10.5 12.4 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5		20.4	22.5	22.4	44.4		42.4	2.7	42.2	42.2	42.4	0.5	42.2	0.0
Natural gas 6.4 7.0 1.2 (0.3) (0.9) (1.7) (4.2) (0.7) 2.6 5.3 3.2 2.8 (2.8) IIP: Mining 8.4 11.2 7.8 (3.3) (3.9) 5.2 2.6 9.7 10.1 8.8 4.8 6.8 4.2 Mining 10.6 17.8 10.4 (1.4) (1.9) 5.1 2.5 8.9 8.8 8.0 1.5 5.2 3.1 Electricity 11.8 23.5 16.5 2.3 1.4 11.6 1.2 12.7 10.4 12.7 8.2 (1.6) (1.4) IIP: Manufacturing 5.6 20.7 12.9 3.1 (0.5) 2.0 (5.8) 6.7 3.6 4.0 5.6 0.5 4.5 Credit growth ² (6.4) (6.7) (5.8) (3.2) (1.0) 1.8 4.5 6.5 3.4 3.8 3.0 4.3 8.0 Fuel consumption 2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 17.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP ³ 6.9 22.1 19.6 0.0 14.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Foreign tourist arrivals Freight traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 5.6 6.6 6.														
IP: Mining														
Mining 10.6 17.8 10.4 (1.4) (1.9) 5.1 2.5 8.9 8.8 8.0 1.5 5.2 3.1 Electricity 11.8 23.5 16.5 2.3 1.4 11.6 1.2 12.7 10.4 12.7 8.2 (1.6) (1.4) IIP: Manufacturing 5.6 20.7 12.9 3.1 (0.5) 2.0 (5.8) 6.7 3.6 4.0 5.6 0.5 4.5 Credit growth (6.4) (6.7) (5.8) (3.2) (1.0) 1.8 4.5 6.5 3.4 3.8 3.0 4.3 8.0 Fuel consumption 2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Trade credit (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals	_													
Electricity 11.8 23.5 16.5 2.3 1.4 11.6 1.2 12.7 10.4 12.7 8.2 (1.6) (1.4) IIP: Manufacturing 5.6 20.7 12.9 3.1 (0.5) 2.0 (5.8) 6.7 3.6 4.0 5.6 0.5 4.5 (1.6) (1.4) IIP: Manufacturing 5.6 20.7 12.9 3.1 (0.5) 2.0 (5.8) 6.7 3.6 4.0 5.6 0.5 4.5 (1.6) (1.4) IIP: Manufacturing 7.5 (6.4) (6.7) (5.8) (3.2) (1.0) 1.8 4.5 6.5 3.4 3.8 3.0 4.3 8.0 Evel consumption 2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 (1.2) Evel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 (1.6) Event output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP ³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 (1.4) III.0 9.8 III.0 9.8 8.4 5.4 6.8 (1.4) III.0 9.8 III.0 9														
IIP: Manufacturing														
Credit growth² (6.4) (6.7) (5.8) (3.2) (1.0) 1.8 4.5 6.5 3.4 3.8 3.0 4.3 8.0 Fuel consumption 2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4														` '
Fuel consumption 2.0 18.7 14.7 5.9 11.3 6.8 (1.4) 11.0 3.0 7.5 3.7 0.9 8.6 Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Trade credit⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic⁵						• •								
Manufacturing 7.5 26.2 18.8 7.9 8.2 8.1 (1.2) 13.9 7.6 10.1 9.3 4.4 11.3 Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2														
Steel production 2.5 15.1 3.3 7.5 5.8 7.7 6.5 11.5 12.3 10.8 11.6 8.8 12.1 Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector	·													
Cement output 7.4 26.2 19.7 0.7 2.1 12.4 (4.3) 29.1 9.5 4.6 7.4 (0.6) 11.6 IIP: NMMP³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales Trade credit⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic⁵ MFs AUMS 1.8 (3.5) (8.9) (6.3) (4.4) (5.4) (2.6) 1.9 0.7 (0.5) 1.2 3.5 10.4 Fiscal Spending Real deposits⁶ (5.6) (6.8) (6.5) (4.3) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services Freigers Sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9			26.2			8.2					10.1			
IIP: NMMP ³ 6.9 22.1 19.6 0.0 1.4 9.6 (3.6) 20.7 7.4 1.1 2.8 (1.7) 1.5 IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales Trade credit ⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵	Steel production				7.5									12.1
IIP: Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Trade credit 4 (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic 5 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic 5	•		26.2	19.7	0.7	2.1	12.4	(4.3)	29.1	9.5	4.6	7.4		
Construction 4.0 18.4 9.4 4.8 3.0 8.2 1.7 14.3 11.0 9.8 8.4 5.4 6.8 Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Trade credit ⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals <td>IIP: NMMP³</td> <td></td> <td></td> <td>19.6</td> <td>0.0</td> <td></td> <td></td> <td>(3.6)</td> <td>20.7</td> <td>7.4</td> <td></td> <td></td> <td>(1.7)</td> <td></td>	IIP: NMMP ³			19.6	0.0			(3.6)	20.7	7.4			(1.7)	
Industry 7.2 23.4 15.7 5.9 5.7 8.0 (0.6) 13.2 8.3 9.9 8.4 4.1 8.5 Services sector Auto sales Trade credit ⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ MFs AUMs 1.8 (3.5) (8.9) (6.3) (4.4) (5.4) (2.6) 1.9 0.7 (0.5) 1.2 3.5 10.4 Fiscal Spending 21.3 13.5 (15.5) (40.9) (16.0) 7.9 59.7 (2.2) (40.0) 27.5 (11.7) 7.8 4.4 Real deposits ⁶ (5.6) (6.8) (6.5) (4.3) (2.6) 1.7 0.2 3.5 4.0 5.5 6.1 8.1 11.2 Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.6) (5.7) (0.4) 5.4 11.1 14.7 7.8 7.1 Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	IIP: Construction	4.0	18.4	9.4	4.8	3.0	8.2	1.7	14.3	11.0	9.8	8.4	5.4	6.8
Services sector Auto sales 13.6 245.8 26.3 12.0 18.9 22.5 7.2 20.6 5.9 8.8 10.8 9.8 19.5 Trade credit ⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals	Construction	4.0	18.4	9.4	4.8	3.0	8.2	1.7	14.3	11.0	9.8	8.4	5.4	6.8
Auto sales Trade credit ⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals Freight traffic ⁵ Rat (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵ MFs AUMs 1.8 (3.5) (8.9) (6.3) (4.4) (5.4) (2.6) 1.9 0.7 (0.5) 1.2 3.5 10.4 Fiscal Spending Real deposits ⁶ (5.6) (6.8) (6.5) (4.3) (2.6) 1.7 0.2 3.5 4.0 5.5 6.1 8.1 11.2 Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	Industry	7.2	23.4	15.7	5.9	5.7	8.0	(0.6)	13.2	8.3	9.9	8.4	4.1	8.5
Trade credit ⁴ (1.9) (2.9) 0.4 0.1 3.9 9.7 7.7 9.3 8.4 11.5 12.4 16.2 19.3 Foreign tourist arrivals	Services sector													
Foreign tourist arrivals Freight traffic ⁵ 8.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵	Auto sales	13.6	245.8	26.3	12.0	18.9	22.5	7.2	20.6	5.9	8.8	10.8	9.8	19.5
Freight traffic ⁵ R.1 (16.6) 12.1 10.5 7.9 11.1 2.1 4.1 5.5 6.6 6.3 3.0 2.7 Passengers traffic ⁵	Trade credit⁴	(1.9)	(2.9)	0.4	0.1	3.9	9.7	7.7	9.3	8.4	11.5	12.4	16.2	19.3
Passengers traffic ⁵	Foreign tourist arrivals													
MFs AUMs 1.8 (3.5) (8.9) (6.3) (4.4) (5.4) (2.6) 1.9 0.7 (0.5) 1.2 3.5 10.4 Fiscal Spending 21.3 13.5 (15.5) (40.9) (16.0) 7.9 59.7 (2.2) (40.0) 27.5 (11.7) 7.8 4.4 Real deposits ⁶ (5.6) (6.8) (6.5) (4.3) (2.6) 1.7 0.2 3.5 4.0 5.5 6.1 8.1 11.2 Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services 7.2 26.9 43.7 22.2 0.9 (1.6) (5.7) (0.4) 5.4 11.1 14.7 7.8 7.1 Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	Freight traffic ⁵	8.1	(16.6)	12.1	10.5	7.9	11.1	2.1	4.1	5.5	6.6	6.3	3.0	2.7
Fiscal Spending Real deposits ⁶ (5.6) (6.8) (6.5) (4.3) (2.6) 1.7 0.2 3.5 4.0 5.5 6.1 8.1 11.2 Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services 7.2 26.9 43.7 22.2 0.9 (1.6) (5.7) (0.4) 5.4 11.1 14.7 7.8 7.1 Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	Passengers traffic ⁵													
Real deposits ⁶ (5.6) (6.8) (6.5) (4.3) (2.6) 1.7 0.2 3.5 4.0 5.5 6.1 8.1 11.2 Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services 7.2 26.9 43.7 22.2 0.9 (1.6) (5.7) (0.4) 5.4 11.1 14.7 7.8 7.1 Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	MFs AUMs	1.8	(3.5)	(8.9)	(6.3)	(4.4)	(5.4)	(2.6)	1.9	0.7	(0.5)	1.2	3.5	10.4
Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services 7.2 26.9 43.7 22.2 0.9 (1.6) (5.7) (0.4) 5.4 11.1 14.7 7.8 7.1 Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	Fiscal Spending	21.3	13.5	(15.5)	(40.9)	(16.0)	7.9	59.7	(2.2)	(40.0)	27.5	(11.7)	7.8	4.4
Telecom subscribers (3.0) (2.3) (2.5) (3.0) (2.9) (1.4) (1.6) (1.8) (0.7) 0.1 0.3 0.5 0.4 PMI: Services 7.2 26.9 43.7 22.2 0.9 (1.6) (5.7) (0.4) 5.4 11.1 14.7 7.8 7.1 Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9	Real deposits ⁶	(5.6)	(6.8)	(6.5)	(4.3)	(2.6)	1.7	0.2	3.5	4.0	5.5	6.1	8.1	11.2
Services sector 7.7 16.8 13.0 8.5 7.3 10.4 8.2 8.1 7.0 11.4 10.5 10.2 10.9		(3.0)	(2.3)		(3.0)	(2.9)	(1.4)	(1.6)	(1.8)	(0.7)	0.1	0.3	0.5	0.4
	PMI: Services	7.2	26.9	43.7	22.2	0.9	(1.6)	(5.7)	(0.4)	5.4	11.1	14.7	7.8	7.1
Aggregates	Services sector	7.7	16.8	13.0	8.5	7.3	10.4	8.2	8.1	7.0	11.4	10.5	10.2	10.9
	Aggregates													
EAI-GVA 7.5 18.0 13.1 7.9 7.2 9.8 5.4 8.9 7.1 10.0 8.9 7.5 8.9	EAI-GVA	7.5	18.0	13.1	7.9	7.2	9.8	5.4	8.9	7.1	10.0	8.9	7.5	8.9
Non-farm EAI-GVA 7.8 19.3 14.2 8.2 7.3 10.2 5.6 9.9 7.6 10.9 9.8 8.1 10.1	Non-farm EAI-GVA	7.8	19.3	14.2	8.2	7.3	10.2	5.6	9.9	7.6	10.9	9.8	8.1	10.1

Rural wages; deflated by CPI for rural workers

 $^{\rm 2}$ Banks' industrial credit growth; deflated by WPI

Sale of commercial vehicles within total auto Sales starting Apr'20 has been derived using CV sales of Ashok Leyland, Eicher Motors Itd., Mahindra & Mahindra Ltd.; and Tata Motors; the three account for ~98% of all CV sales

Worse than previous month and a year ago Worse than the previous month but better than a year ago Better than the previous month but worse than a year ago Better than previous month and a year ago

2 June 2023 5

Non-metallic minerals products (NMMP)

⁴ Bank's non-food trade credit; deflated by WPI 6 Total spending of the central government excluding interest and subsidies; deflated by WPI

Railways and aviation Bank deposits; deflated by WPI

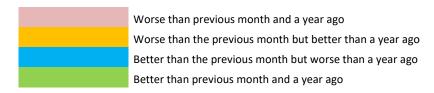


Exhibit 12: Economic activity may have weakened in May'23

	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23
% YoY Water reservoir levels	6.8	-12.0	18.9	36.0	11.5	13.2	8.5	5.8	2.9	0.4	-4.2	-1.8	0.6
Index PMI: Manufacturing	54.6	53.9	56.4	56.2	55.1	55.3	55.7	57.8	55.4	55.3	56.4	57.2	58.7
% YoY Toll collection ¹ (Units)	145.0	76.1	37.9	35.2	33.9	32.1	33.4	27.2	30.2	18.4	13.3	14.9	17.4
USD b FX reserves ²	603.2	589.2	574.3	560.4	532.7	534.0	553.2	562.7	574.4	562.7	578.4	590.1	593.5
% YoY Currency in circulation ²	8.7	8.0	8.1	8.1	8.0	9.0	7.9	8.2	8.6	8.2	7.8	7.6	6.9
% YoY Vahaan registrations	208.5	21.5	-9.0	7.3	7.1	47.9	18.8	-6.6	14.0	16.5	14.4	-3.6	9.8
% YoY Air cargo traffic				-6.4	-16.3	-21.8	1.0	-6.5	-5.6	-5.0	-1.2	-2.5	-5.6
% YoY Power Generation	23.3	17.7	4.3	3.1	13.8	3.1	14.3	13.7	18.3	13.8	4.6	7.4	4.9
% YoY Rail passenger traffic	256.4	38.1	-1.0	-13.4	-20.5	-29.2	-18.9	-19.9	9.2	-19.0	-22.7	-17.1	-15.7
% YoY Rail freight traffic	14.5	11.3	8.3	7.9	9.2	1.4	5.4	3.0	3.8	3.6	3.8	6.9	1.9
% YoY PV sales ³	247.2	17.9	18.1	43.7	126.6	33.7	30.7	2.5	20.6	9.5	4.5	17.7	14.3
% YoY CV sales ⁴	213.3	78.2	35.8	35.4	37.0	12.9	9.0	14.2	2.9	5.0	11.4	-5.8	-6.6

¹ In terms of daily data

Source: Various national sources, CEIC, MOFSL



Investment in securities market are subject to market risks. Read all the related documents carefully before investing

² Data as of 26th May, 2023

³ For three companies – Maruti Suzuki, Tata Motors and Mahindra & Mahindra

⁴ For three companies – Ashok Leyland, Eicher, Mahindra & Mahindra



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 be 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, Depository participant services & distribution of various financial products. 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 https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, <a href="www.nseindia.co 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.

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 brokerdealer, Motifal 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

- MOFSL, 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
- 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 MOFSL has not received any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

2 June 2023



The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
- received compensation/other benefits from the subject company in the past 12 months
- 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.
- 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.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

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.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai-400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085. Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.