



# The Economy Observer

## EAI - Monthly Dashboard: Economic activity weak in Jul'22

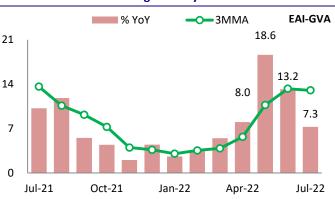
## Expect 2QFY23 real GDP growth to be at 5-5.5% YoY

- Preliminary estimates indicate India's EAI for GVA grew at a four-month low rate of 7.3% YoY in Jul'22 v/s 13.2%/10.2% YoY in Jun'22/Jul'21, respectively. This was due to a four-month low growth in non-farm sector led by both industrial and services activities. The farm sector, on the other hand, performed well in Jul'22 vis-à-vis Jun'22.
- On the contrary, EAI-GDP contracted 2.8% YoY in Jul'22 its first contraction in 17 months. This was owing to a negative
   9.5pp contribution by net exports, as real imports grew ~35% YoY during the month while real exports declined ~4% YoY.
- Total consumption posted a 13-month low growth of 3.7% YoY (v/s 8.3% YoY in Jun'22), because of a sharp decline in fiscal spending and weak petrol sales. Excluding fiscal spending, private consumption rose 4.5% YoY in Jul'22. Investments grew lower at 12.1% YoY in Jul'22 v/s 23% YoY in 1QFY23, led by weak power generation, construction activity and diesel sales.
- A monthly analysis of indicators for Aug'22 denotes a mixed bag. Some indicators such as currency in circulation, Vahaan registrations and Google mobility have done well, while others like PMI manufacturing, toll collections, FX reserves and power generation have decelerated in Aug'22.
- Overall, our in-house estimates suggest that, the economic activity growth ebbed in Jul'22. Further, progress of economic activity in Aug'22 also looks bleak. These estimates suggest that real GDP growth could be 5-5.5% in 2QFY23, lower than market consensus of 6.3% but higher than RBI's forecast of 4.1% YoY.

Preliminary estimates indicate India's EAI for GVA posted a four-month low growth rate of 7.3% YoY in Jul'22 as against 13.2%/10.2% YoY in Jun'22/Jul'21, respectively

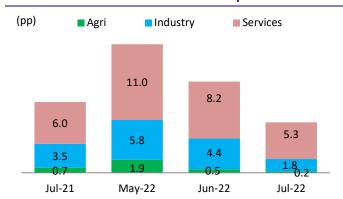
- EAI-GVA grew at four-month low rate of 7.3% YoY in Jul'22...: Preliminary estimates indicate India's EAI for GVA posted a four-month low growth rate of 7.3% YoY in Jul'22 as against 13.2%/10.2% YoY in Jun'22/Jul'21, respectively. The weakness was because of a deceleration in industrial and services activities, which led to 7.9% YoY growth in non-farm EAI-GVA v/s 14.5%/10.7% YoY in Jun'22/Jul'21, respectively (Exhibits 1, 2).
- ...while EAI-GDP, contracted due to worsening external trade: EAI-GDP declined for the first time in 17 months by 2.8% YoY in Jul'22 as against +5.5%/7.8% YoY in Jun'22/Jul'21, respectively. This was owing to a negative 9.5pp contribution by net exports, as real imports grew ~35% YoY during the month while real exports declined ~4% YoY. Additionally, both consumption and investments also decelerated during the month (Exhibits 3, 4).

Exhibit 1: India's EAI-GVA grew only 7.3% YoY in Jul'22...



Please refer to our earlier <u>report</u> for details

Exhibit 2: ...due to deceleration in all components



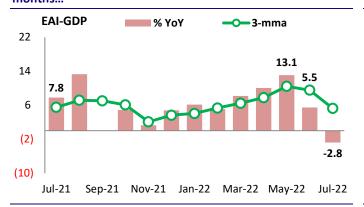
Source: Various national sources, CEIC, MOFSL

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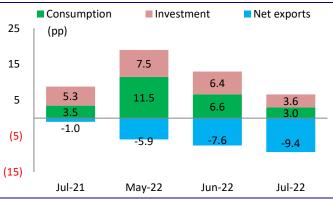


Exhibit 3: EAI-GDP contracted for the first time in 17 months...



Please refer to our earlier report for details

Exhibit 4: ...led by adverse external trade in Jul'22



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

Total consumption posted a
13-month low growth of
3.7% YoY, on account of a
sharp decline in fiscal
spending and weak petrol
sales

Consumption grew at a 13-month low rate in Jul'22...: Total consumption posted a 13-month low growth of 3.7% YoY (v/s 8.3% YoY in Jun'22), because of a sharp decline in fiscal spending and weak petrol sales. Excluding fiscal spending, private consumption rose 4.5% YoY in Jul'22 (Exhibit 5). The weakness in private consumption was due to a slowdown in auto and petrol sales as well as weak expected IIP for non-consumer durable goods. Personal credit, on the brighter side, spiked ~19% YoY in Jul'22 – at a 28-month high. Fiscal spending, in contrast, contracted 13.8% YoY in Jul'22 – its first decline in seven months (Exhibit 11 for the heat maps).

- ...but investment growth at a three-month low: According to our estimates, investments grew only 12.1% YoY in Jul'22 as against 23.8%/20.8% YoY in Jun'22/Jul'21, respectively (Exhibit 6). This was led by weakness in almost all components cargo traffic, electricity generation, auto sales, diesel sales and weak expected IIP in capital goods. Government capex nearly doubled in Jul'22 than a year ago (Exhibit 12 for the heat maps).
- The farm sector grew faster but non-farm was a laggard: EAI-GVA details suggest that while the farm sector grew 2.2% YoY in Jul'22 (v/s 0.9%/4.3% YoY in Jun'22/Jul'21), the non-farm sector weakened to a four-month low growth of 7.9% YoY in Jul'22 v/s 14.5%/10.7% YoY in Jun'22/Jul'21, respectively (Exhibits 7, 8). The six-month weak growth in power generation and seven-month slow growth in construction activity drove industrial activity, along with a slowdown in manufacturing IIP during the month. Within services, real fiscal spending was a serious laggard and real deposits, telecom services and AUM of MFs too continued their downward trends. Auto sales, real services credit, freight traffic and PMI services all ebbed in Jul'22 (Exhibits 13, 14 for the heat maps).
- Economic activity bleak in Aug'22: A monthly analysis of indicators for Aug'22 denotes a mixed bag. Some indicators such as currency in circulation, Vahaan registrations and Google mobility have done well, while some others like PMI manufacturing, toll collections, FX reserves and power generation have decelerated in Aug'22 (Exhibit 15 for the heat map).

EAI-GVA details suggest that while the farm sector grew 2.2% YoY in Jul'22, the non-farm sector weakened to a four-month low of 7.9% YoY in Jul'22



We believe that real GDP growth could be ~4% in 2QFY23, lower than market consensus of 6.3% but similar to the RBI's forecast of 4.1% YoY.

We expect 2QFY23 real GDP growth at 5-5.5% YoY: Overall, our in-house estimates suggest that, as expected, the economic activity growth slowed down in Jul'22. Progress of economic activity in Aug'22 also looks bleak. Although there is no one-to-one correlation between our EAIs and the official GVA/GDP growth due to underlying differences, our composite indices move in sync with the official real GDP (ex-discrepancies) and real GVA estimates (Exhibits 9, 10). These estimates suggest that real GDP growth could be 5-5.5% in 2QFY23, lower than market consensus of 6.3% but higher than RBI's forecast of 4.1% YoY.

Exhibit 5: Consumption was at 13-month low in Jul'22...

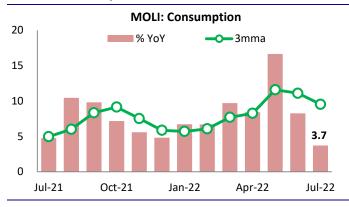


Exhibit 6: ...and investments at a three-month low level

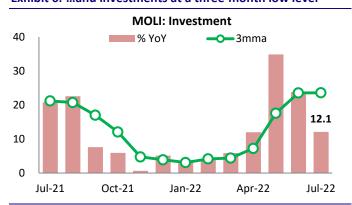
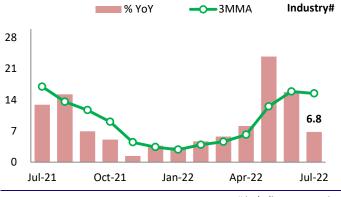


Exhibit 7: Industry activity at a four-month low in Jul'22...



# including construction

Exhibit 8: ...and Services sector at a three-month low level

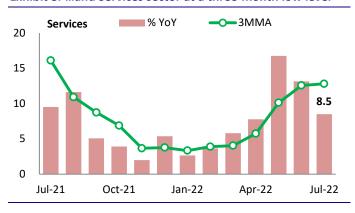
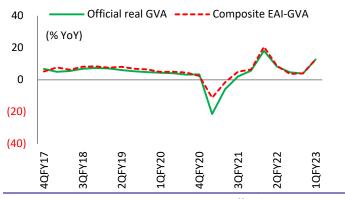
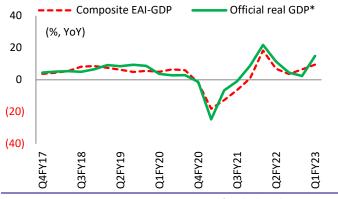


Exhibit 9: EAI-GVA moves in line with the official real GVA...



Source: CEIC, Various official sources, MOFSL

Exhibit 10: ...and so does official real GDP\* with EAI-GDP



\*Excluding discrepancies



**Exhibit 11: Key leading indicators for consumption** 

% YoY	Passenger traffic <sup>1</sup>	Revenue spending <sup>2</sup>	Petrol sales	Rural wages <sup>3</sup>	Consumer durable: IIP	Currency	Auto sales <sup>4</sup>	Imports <sup>5</sup>	Foreign tourists arrival	Personal credit	Services PMI
Jul-21	1057.4	(30.9)	16.4	(2.3)	(2.3)	10.3	3.7	29.3	472.9	11.9	45.4
Aug-21	934.6	40.9	13.1	(0.4)	5.9	9.8	(11.9)	39.5	329.9	11.6	56.7
Sep-21	594.5	61.8	6.0	1.9	(0.1)	9.0	(20.4)	37.4	278.8	11.5	55.2
Oct-21	420.3	19.6	3.7	2.6	0.7	8.5	(25.2)	37.5	337.0	11.7	58.4
Nov-21	202.6	8.8	(0.7)	2.0	(0.8)	7.9	(32.1)	33.1	255.0	10.8	58.1
Dec-21	107.3	(4.4)	4.1	0.4	0.3	7.5	(11.3)	28.0	235.5	14.3	55.5
Jan-22	42.5	50.9	(5.3)	(0.7)	3.1	8.0	(19.0)	33.2	140.4	12.3	51.5
Feb-22	42.5	39.7	3.5	(0.7)	(6.8)	8.6	(23.8)	27.2	141.8	12.7	51.8
Mar-22	52.7	78.8	6.2	(0.9)	(4.4)	9.8	(18.1)	35.5	177.9	12.6	53.6
Apr-22	115.5	28.4	17.2	(1.0)	(0.6)	10.4	11.4	24.1	399.2	14.5	57.9
May-22	478.3	27.6	51.5	(1.2)	1.0	8.8	241.3	25.7	2043.7	16.3	58.9
Jun-22	237.8	5.5	23.2	(0.9)	2.9	8.0	23.1	32.1	1349.2	18.1	59.2
Jul-22	167.2	(13.8)	6.8	(0.9) <sup>6</sup>	1.4 <sup>6</sup>	8.1	10.3	35.7	783.9	18.8	55.5

<sup>&</sup>lt;sup>1</sup> Railways and aviation

<sup>4</sup> Includes passenger vehicles and two-wheelers

Our forecasts



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

 $<sup>^{\</sup>rm 2}$  Revenue spending  ${\it less}$  interest payments of the central government

Real rural wages; deflated by CPI for rural workers

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



**Exhibit 12: Key leading indicators for investments** 

% YoY	Cargo traffic <sup>1</sup>	Electricity	Auto sales <sup>2</sup>	Diesel sales	Capital goods' imports <sup>3</sup>	Cement Production	IIP: Non- metallic products	IIP: Capital goods	Industrial credit	Govt capex <sup>4</sup>	Manufacturing PMI
Jul-21	14.4	11.0	56.7	11.3	29.2	21.7	20.4	30.3	0.4	(28.2)	55.3
Aug-21	15.3	16.0	32.4	15.7	46.9	36.3	27.0	20.0	3.9	92.2	52.3
Sep-21	2.5	0.9	15.5	0.4	39.8	11.3	11.5	3.3	3.6	83.1	53.7
Oct-21	7.7	3.2	6.8	(5.4)	31.1	14.6	10.3	(1.6)	4.1	(24.1)	55.9
Nov-21	3.9	2.1	(2.8)	(7.6)	21.3	(3.6)	(3.2)	(2.6)	5.4	(53.5)	57.6
Dec-21	4.5	2.9	9.8	1.7	15.0	14.2	8.5	(3.0)	7.8	74.0	55.5
Jan-22	4.0	0.9	7.1	(6.5)	6.5	14.1	11.2	1.8	6.9	(5.8)	54.0
Feb-22	2.7	4.5	15.4	(0.7)	1.7	5.0	7.7	1.3	7.4	0.8	54.9
Mar-22	4.7	6.1	8.8	6.7	5.1	9.0	10.0	2.4	7.5	219.1	54.0
Apr-22	8.0	10.7	53.5	7.9	8.1	8.0	7.3	13.3	8.0	67.5	54.7
May-22	12.7	23.5	306.7	31.7	14.4	26.2	21.8	54.4	8.8	77.8	54.6
Jun-22	12.1	16.5	97.0	23.9	18.3	19.7	19.3	26.1	9.5	40.1	53.9
Jul-22	10.5	2.2	45.5	8.2	36.4	2.1	10.3 <sup>5</sup>	7.1 <sup>5</sup>	10.5	98.5	56.4

Railways and waterways

<sup>\*\* -</sup> Data for total CV sales starting Apr'20 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

<sup>&</sup>lt;sup>2</sup> Includes commercial vehicles and three-wheelers

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

Capital spending of the central government



Propertitiser   20	% YoY								Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Seminantic tractor sales   2.1   8.2   9.8   9.5   3.2   16.7   (22.5   27.8   26.4   11.6   38.1   47.7   (10.9   12.2)     Real rural wages   (3.2)   (2.3)   (0.4)   1.9   2.6   2.0   0.4   (0.7)   (0.7)   (0.9)   (1.0)   (1.2)   (0.7)   (0.9)     Reagreyori levels   (2.0)   2.2   (1.7)   (2.5)   (3.0)   0.9   3.1   0.5   11.6   1.5   11.6   6.8   (12.0)   18.9     Regretori levels   (4.6   4.3   0.2   1.0   2.5   0.6   0.1   0.7)   (0.7)   (0.9)   (1.0)   (1.2)   (0.9)   1.0     Regretori levels   (4.6   4.3   0.2   1.0   2.5   0.6   0.1   0.7)   (0.7)   (0.5)   2.3   7.5   8.9   0.9   2.2     Industrial sector   (1.8)   (3.2)   (2.3)   (1.7)   (2.2)   (2.2)   (1.8)   (2.4)   (2.2)   (3.4)   (0.9)   4.6   (1.7)   (3.8)     Natural gas   (2.6   19.0   20.7   27.5   25.8   23.7   19.5   11.7   (2.5   7.6   6.4   7.0   1.2   (0.3)     IP: Mining   (2.1)   (1.8)   (2.2)   (2.2)   (1.8)   (2.4)   (2.2)   (3.4)   (0.9)   (4.6   (1.7)   (3.8)     Mining   (2.1)   (1.8)   (2.2)   (2.2)   (3.8)   (3.6)   (3.1)   (3.8)     IP: Manufacturing   (2.1)   (1.8)   (2.2)   (2.2)   (2.2)   (3.8)   (3.6)   (3.0)   (3.6)   (3.0)     IP: Manufacturing   (2.1)   (1.8)   (2.5)   (3.0)   (3.8)   (3.6)   (3.1)   (3.8)   (3.6)   (3.1)     IP: Manufacturing   (3.2)   (3.1)   (3.1)   (3.8)   (3.3)   (3.3)   (3.1)   (3.8)   (3.6)   (3.1)     IP: Manufacturing   (1.3)   (1.0)   (6.9)   (3.3)   (3.2)   (3.2)   (3.2)   (3.2)   (3.2)   (3.2)   (3.2)   (3.2)   (3.2)     IP: Manufacturing   (1.3)   (1.2)   (3.2)   (3.3)   (3.2)	Agriculture and allied activities														
Real rural wages	IIP: Fertiliser	2.0	0.6	(3.1)	0.0	0.0	2.5	3.5	(2.0)	(1.4)	15.3	8.7	22.8	8.2	6.2
Reservoir levels (2.0) 22.0 (17.2) (6.7) (5.2) (1.3) 0.9 3.1 2.8 10.5 11.6 6.8 (12.0) 18.9 agriculture sector (4.6 4.3 0.2 1.0 2.5 0.6 0.1 0.7) (0.5) 2.3 7.5 8.9 0.9 2.2 industrial sector  Coal 7.4 18.8 20.6 7.8 14.7 8.2 5.2 8.2 6.8 (0.1) 28.8 33.6 31.1 11.3 Crude oil (1.8) (3.2) (2.3) (1.7) (2.2) (2.2) (1.8) (2.4) (2.2) (3.4) (0.9) 4.6 (1.7) (3.8) Natural gas 20.6 19.0 20.7 27.5 25.8 23.7 19.5 11.7 12.5 7.6 6.4 7.0 1.2 (0.3) Natural gas 21.1 95 23.3 8.6 11.5 4.9 2.6 3.0 4.6 3.9 8.0 11.2 7.5 5.2 Natural gas 21.1 95 23.3 8.6 11.5 4.9 2.6 3.0 4.6 3.9 8.0 11.2 7.5 5.2 Natural gas 21.1 95 23.3 8.6 11.5 4.9 2.6 3.0 4.6 6.9 15.0 21.6 13.4 7.2 Electricity 8.2 11.0 16.0 0.9 3.2 21.1 2.9 0.9 4.5 6.1 11.8 23.5 15.5 2.2 HP. Manufacturing 13.2 10.5 11.1 4.3 3.3 0.3 0.6 1.9 0.9 14.5 6.1 11.8 23.5 15.5 2.2 HP. Manufacturing (0.7) 7.0 10.1 1.8 (2.5) (6.6) 1.2 (3.7) (6.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) Natural gas 2.9 4.0 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	Domestic tractor sales	22.1	8.2	(9.8)	(9.5)	3.2	(16.7)	(22.5)	(27.8)	(26.4)	(11.6)	38.1	47.7	(10.9)	(12.2)
Agriculture sector  Barbara Screed Sc	Real rural wages <sup>1</sup>	(3.2)	(2.3)	(0.4)	1.9	2.6	2.0	0.4	(0.7)	(0.7)	(0.9)	(1.0)	(1.2)	(0.7)	$(0.9)^8$
Industrial sector  Coal	Reservoir levels	(2.0)	22.0	(17.2)	(6.7)	(5.2)	(1.3)	0.9	3.1	2.8	10.5	11.6	6.8	(12.0)	18.9
Coal 7,4 18.8 20.6 7.8 14.7 8.2 5.2 8.2 6.8 (0.1) 28.8 33.6 31.1 11.3 Crude oil (1.8) (3.2) (2.3) (1.7) (2.2) (2.2) (1.8) (2.4) (2.2) (3.4) (0.9) 4.6 (1.7) (3.8) Natural gas 20.6 19.0 20.7 27.5 25.8 23.7 19.5 11.7 12.5 7.6 6.4 7.0 1.2 (0.3) (1.8) (1.8) 11.9 11.9 11.9 11.9 11.9 11.9 11.9 11.	Agriculture sector	4.6	4.3	0.2	1.0	2.5	0.6	0.1	(0.7)	(0.5)	2.3	7.5	8.9	0.9	2.2
Crude oil (1.8) (3.2) (2.3) (1.7) (2.2) (2.2) (1.8) (2.4) (2.2) (3.4) (0.9) 4.6 (1.7) (3.8) Natural gas (2.6) 19.0 20.7 27.5 25.8 23.7 19.5 11.7 12.5 7.6 6.4 7.0 1.2 (0.3) 1P: Mining (23.1 19.5 23.3 8.6 11.5 4.9 4.6 3.0 4.6 3.9 8.0 11.2 7.5 5.2 8 1.0 11.0 19.8 22.9 16.2 18.0 13.4 11.3 9.6 10.4 6.9 15.0 21.6 13.4 7.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	Industrial sector														
Natural gas 20.6 19.0 20.7 27.5 25.8 23.7 19.5 11.7 12.5 7.6 6.4 7.0 1.2 (0.3) IIP: Mining 23.1 19.5 23.3 8.6 11.5 4.9 2.6 3.0 4.6 3.9 8.0 11.2 7.5 5.2 8  Mining 21.0 19.8 22.9 16.2 18.0 13.4 11.3 9.6 10.4 6.9 15.0 21.6 13.4 7.2  IIP: Manufacturing 31.2 10.5 11.1 4.3 3.3 0.5 0.6 1.9 0.2 1.4 5.8 20.6 12.5 3.8  Credit growth <sup>2</sup> (11.3) (10.0) (6.9) (7.3) (8.5) (8.2) (5.7) (6.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0)  Fuel consumption (0.7) 7.0 10.1 1.8 (2.5) (6.6) 1.2 (3.7) (0.1) 3.8 3.6 20.0 16.7 6.3  Manufacturing 11.0 13.0 15.2 6.3 3.5 (0.7) 3.5 2.1 2.7 5.3 8.4 26.8 19.6 8.6  Steel production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit growthy 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7  Credit production 25.2 9.4 6.9 7.1 5.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Coal	7.4	18.8	20.6	7.8	14.7	8.2	5.2	8.2	6.8	(0.1)	28.8	33.6	31.1	11.3
	Crude oil	(1.8)	(3.2)	(2.3)	(1.7)	(2.2)	(2.2)	(1.8)	(2.4)	(2.2)	(3.4)	(0.9)	4.6	(1.7)	(3.8)
Mining 21.0 19.8 22.9 16.2 18.0 13.4 11.3 9.6 10.4 6.9 15.0 21.6 13.4 7.2 Electricity 8.2 11.0 16.0 0.9 3.2 2.1 2.9 0.9 4.5 6.1 11.8 23.5 15.5 2.2 IP: Manufacturing 13.2 10.5 11.1 4.3 3.3 0.3 0.6 1.9 0.2 1.4 5.8 20.6 12.5 3.8 Credit growth (1.3 to 10.0 6.9) (7.3 to 1.8 to 2.5 to 1.2 to 1.2 to 1.2 to 1.2 to 1.2 to 1.3 to 1.	Natural gas	20.6	19.0		27.5	25.8	23.7	19.5	11.7	12.5	7.6	6.4	7.0	1.2	
Electricity 8.2 11.0 16.0 0.9 3.2 2.1 2.9 0.9 4.5 6.1 11.8 23.5 15.5 2.2 IIP: Manufacturing 13.2 10.5 11.1 4.3 3.3 0.3 0.6 1.9 0.2 1.4 5.8 20.6 12.5 3.8 Credit growth² (11.3) (10.0) (6.9) (7.3) (8.5) (8.2) (5.7) (6.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.4) (6.2) (6.4) (6.7) (6.8) (5.4) (6.2) (6.4) (6.7) (6.8) (5.4) (6.2) (6.4) (6.7) (6.8) (5.4) (6.2) (6.4) (6.7) (6.8) (5.4) (6.2) (6.4) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.7) (6.8) (6.8) (6.8) (6.8) (6.7) (6.8	IIP: Mining	23.1	_	23.3		11.5			3.0	4.6	3.9	8.0	11.2	7.5	5.2 <sup>8</sup>
13.2   10.5   11.1   4.3   3.3   0.3   0.6   1.9   0.2   1.4   5.8   20.6   12.5   3.8     Credit growth <sup>2</sup>   (11.3) (10.0) (6.9) (7.3) (8.5) (8.2) (5.7) (6.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.4) (6.2) (6.4) (6.7) (5.0) (5.0) (5.0) (5.4) (6.2) (6.3) (6.4) (6.2) (6.2) (6.3) (6.4) (6.2) (6.2) (6.3) (6.4) (6.2) (6.4) (6.2) (6.3) (6.4) (6.2) (6.2) (6.4) (6.2) (6.2) (6.3) (6.4) (6.2) (6.2) (6.4) (6.2) (6.2) (6.2) (6.2) (6.2) (6.2) (6.4) (6.2)	Mining		19.8	22.9	16.2	18.0	13.4	11.3	9.6	10.4	6.9	15.0	21.6	13.4	7.2
Credit growth <sup>2</sup> (11.3) (10.0) (6.9) (7.3) (8.5) (8.2) (5.7) (6.0) (5.4) (6.2) (6.4) (6.7) (5.0) (3.0) (5.0)	Electricity	8.2	11.0	16.0	0.9	3.2	2.1	2.9	0.9	4.5	6.1	11.8	23.5	15.5	2.2
Fuel consumption (0.7) 7.0 10.1 1.8 (2.5) (6.6) 1.2 (3.7) (0.1) 3.8 3.6 20.0 16.7 6.3 Manufacturing 11.0 13.0 15.2 6.3 3.5 (0.7) 3.5 2.1 2.7 5.3 8.4 26.8 19.6 8.6 Steel production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7 Cement output 7.5 21.7 36.3 11.3 14.6 (3.6) 14.2 14.1 5.0 9.0 8.0 26.3 19.4 2.1 IIP: NMMP³ 8.0 20.4 27.0 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.8 IIP: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 Industry 12.6 12.9 15.3 7.0 5.1 1.4 3.7 3.4 4.7 5.8 8.1 23.8 15.8 6.8 Industry 12.6 (3.7) (4.3) (6.6) (5.9) (5.0) 0.4 (2.0) 1.4 (3.3) (1.9) (2.9) 1.3 0.2 Foreign tourist arrivals 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	IIP: Manufacturing	13.2	10.5	11.1	4.3	3.3	0.3	0.6	1.9	0.2	1.4	5.8	20.6	12.5	3.8
Manufacturing 11.0 13.0 15.2 6.3 3.5 (0.7) 3.5 2.1 2.7 5.3 8.4 26.8 19.6 8.6 Steel production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7 Cement output 7.5 21.7 36.3 11.3 14.6 (3.6) 14.2 14.1 5.0 9.0 8.0 26.3 19.4 2.1 MP: NMMP³ 8.0 20.4 27.0 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 MP: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 MID: Construction 20.0 12.3 13.5 15.8 6.8 MID: Construction 20.0 12.3 13.5 15.8 6.8 MID: Construction 20.0 12.3 13.5 14.9 12.1 10.5 MID: Construction 20.0 12.3 13.5 14.9 12.1 10.5 MID: Construction 20.0 12.3 13.5 14.7 14.1 15.3 2.5 7.7 3.9 4.5 4.0 2.7 4.7 8.0 16.6 12.1 10.5 MID: Construction 20.0 12.3	Credit growth <sup>2</sup>	(11.3)	(10.0)	(6.9)	(7.3)	(8.5)	(8.2)	(5.7)	(6.0)	(5.4)	(6.2)	(6.4)	(6.7)	(5.0)	(3.0)
Steel production 25.2 9.4 6.9 7.1 5.9 0.9 (0.6) 3.8 5.9 5.0 (0.7) 15.0 3.3 5.7 Cement output 7.5 21.7 36.3 11.3 14.6 (3.6) 14.2 14.1 5.0 9.0 8.0 26.3 19.4 2.1 IIP: NMMP³ 8.0 20.4 27.0 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 IIP: Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 Industry 12.6 12.9 15.3 7.0 5.1 1.4 3.7 3.4 4.7 5.8 8.1 23.8 15.8 6.8 Services sector  Auto sales** 16.0 5.3 (10.5) (19.2) (24.0) (30.8) (10.0) (17.6) (21.9) (16.5) 13.2 244.8 26.0 11.9 Trade credit⁴ 1.6 (3.7) (4.3) (6.6) (5.9) (5.0) 0.4 (2.0) 1.4 (3.3) (1.9) (2.9) 1.3 0.2 Foreign tourist arrivals 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Fuel consumption	(0.7)	7.0	10.1	1.8	(2.5)	(6.6)	1.2	(3.7)	(0.1)	3.8	3.6	20.0	16.7	6.3
Cement output  7.5   21.7   36.3   11.3   14.6   (3.6)   14.2   14.1   5.0   9.0   8.0   26.3   19.4   2.1    1P: NMMP³   8.0   20.4   27.0   11.5   10.3   (3.2)   8.5   11.2   7.7   10.0   7.3   21.8   19.3   10.8    1P: Construction   20.0   12.3   13.5   9.3   6.6   3.1   2.0   5.9   8.6   6.7   4.0   18.1   8.0   2.5    10   Construction   20.0   12.3   13.5   9.3   6.6   3.1   2.0   5.9   8.6   6.7   4.0   18.1   8.0   2.5    10   Industry   12.6   12.9   15.3   7.0   5.1   1.4   3.7   3.4   4.7   5.8   8.1   23.8   15.8   6.8    10   Services sector  Auto sales**   16.0   5.3   (10.5)   (19.2)   (24.0)   (30.8)   (10.0)   (17.6)   (21.9)   (16.5)   13.2   244.8   26.0   11.9    10   Trade credit⁴   1.6   (3.7)   (4.3)   (6.6)   (5.9)   (5.0)   0.4   (2.0)   1.4   (3.3)   (1.9)   (2.9)   1.3   0.2    10   Foreign tourist arrivals   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0    10   Freight traffic⁵   19.7   14.4   15.3   2.5   7.7   3.9   4.5   4.0   2.7   4.7   8.0   (16.6)   12.1   10.5    10   Passengers traffic⁵   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0    11   MFS AUMS   17.9   16.7   19.2   22.3   16.2   8.3   6.4   9.6   4.7   4.3   1.8   (3.5)   (8.1)   (6.2)    12   Fiscal Spending⁶   (10.7)   (37.7)   34.3   49.1   (4.6)   (18.6)   1.6   (2.8)   33.1   71.8   21.3   13.5   (14.7)   (40.8)    13   Real deposits   2.3   32.7   35.6   10.8   7.9   5.4   6.1   (2.5)   (6.3)   (1.8)   7.2   26.9   43.7   22.2    14   Canada   1.8   1.5   1.3   0.4   (0.9)   (1.8)   (2.9)   (3.0)   (2.3)   (2.5)   (3.0)    15   PMI: Services   22.3   32.7   35.6   10.8   7.9   5.4   6.1   (2.5)   (6.3)   (1.8)   7.2   26.9   43.7   22.2    15   Construction   2.0   2.3   32.7   35.6   10.8   7.9   5.4   6.1   (2.5)   (6.3)   (1.8)   7.2   26.9   43.7   22.2    16   Construction   2.0	Manufacturing	11.0	13.0	15.2	6.3	3.5	(0.7)	3.5	2.1	2.7	5.3	8.4	26.8	19.6	8.6
Real Per NMMP <sup>3</sup> 8.0 20.4 27.0 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 10.9 11.5 (10.3) 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 11.5 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 11.5 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 11.5 11.5 10.3 (3.2) 8.5 11.2 7.7 10.0 7.3 21.8 19.3 10.3 11.5 11.5 11.5 11.5 11.5 11.5 11.5 11	Steel production	25.2	9.4	6.9	7.1	5.9	0.9	(0.6)	3.8	5.9	5.0	(0.7)	15.0	3.3	5.7
1P: Construction   20.0   12.3   13.5   9.3   6.6   3.1   2.0   5.9   8.6   6.7   4.0   18.1   8.0   2.5	Cement output	7.5	21.7	36.3	11.3	14.6	(3.6)	14.2	14.1	5.0	9.0	8.0	26.3	19.4	2.1
Construction 20.0 12.3 13.5 9.3 6.6 3.1 2.0 5.9 8.6 6.7 4.0 18.1 8.0 2.5 industry 12.6 12.9 15.3 7.0 5.1 1.4 3.7 3.4 4.7 5.8 8.1 23.8 15.8 6.8 Services sector  Auto sales** 16.0 5.3 (10.5) (19.2) (24.0) (30.8) (10.0) (17.6) (21.9) (16.5) 13.2 244.8 26.0 11.9 Trade credit <sup>4</sup> 1.6 (3.7) (4.3) (6.6) (5.9) (5.0) 0.4 (2.0) 1.4 (3.3) (1.9) (2.9) 1.3 0.2 Foreign tourist arrivals 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	IIP: NMMP <sup>3</sup>	8.0	20.4	27.0	11.5	10.3	(3.2)	8.5	11.2	7.7	10.0	7.3	21.8	19.3	10.3 <sup>8</sup>
Services sector  Auto sales**  16.0 5.3 (10.5) (19.2) (24.0) (30.8) (10.0) (17.6) (21.9) (16.5) 13.2 244.8 26.0 11.9  Froeign tourist arrivals  Passengers traffic <sup>5</sup> 19.7 14.4 15.3 2.5 7.7 3.9 4.5 4.0 2.7 4.7 8.0 (16.6) 12.1 10.5  Passengers traffic <sup>5</sup> 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	IIP: Construction	20.0	12.3	13.5	9.3	6.6	3.1	2.0	5.9	8.6	6.7	4.0	18.1	8.0	2.5 <sup>8</sup>
Services sector  Auto sales** Auto sales**  16.0 5.3 (10.5) (19.2) (24.0) (30.8) (10.0) (17.6) (21.9) (16.5) 13.2 244.8 26.0 11.9  Trade credit <sup>4</sup> 1.6 (3.7) (4.3) (6.6) (5.9) (5.0) 0.4 (2.0) 1.4 (3.3) (1.9) (2.9) 1.3 0.2  Foreign tourist arrivals  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Construction	20.0	12.3	13.5	9.3	6.6	3.1	2.0	5.9	8.6	6.7	4.0	18.1	8.0	2.5
Auto sales**  16.0 5.3 (10.5) (19.2) (24.0) (30.8) (10.0) (17.6) (21.9) (16.5) 13.2 244.8 26.0 11.9  Trade credit <sup>4</sup> 1.6 (3.7) (4.3) (6.6) (5.9) (5.0) 0.4 (2.0) 1.4 (3.3) (1.9) (2.9) 1.3 0.2  Foreign tourist arrivals  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Industry	12.6	12.9	15.3	7.0	5.1	1.4	3.7	3.4	4.7	5.8	8.1	23.8	15.8	6.8
Trade credit <sup>4</sup> 1.6 (3.7) (4.3) (6.6) (5.9) (5.0) 0.4 (2.0) 1.4 (3.3) (1.9) (2.9) 1.3 0.2  Foreign tourist arrivals  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Services sector														
Foreign tourist arrivals  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		16.0	5.3	(10.5)	(19.2)	(24.0)	(30.8)	(10.0)	(17.6)	(21.9)	(16.5)	13.2	244.8	26.0	11.9
Freight traffic <sup>5</sup> 19.7 14.4 15.3 2.5 7.7 3.9 4.5 4.0 2.7 4.7 8.0 (16.6) 12.1 10.5  Passengers traffic <sup>5</sup> 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Trade credit <sup>4</sup>	1.6	(3.7)	(4.3)	(6.6)	(5.9)	(5.0)	0.4	(2.0)	1.4	(3.3)	(1.9)	(2.9)	1.3	0.2
Passengers traffic <sup>5</sup> 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Foreign tourist arrivals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MFs AUMs 17.9 16.7 19.2 22.3 16.2 8.3 6.4 9.6 4.7 4.3 1.8 (3.5) (8.1) (6.2) Fiscal Spending <sup>6</sup> (10.7) (37.7) 34.3 49.1 (4.6) (18.6) 1.6 (2.8) 33.1 71.8 21.3 13.5 (14.7) (40.8) Real deposits <sup>7</sup> (2.1) (1.6) (2.0) (2.2) (3.3) (5.2) (1.9) (4.7) (4.3) (5.0) (4.7) (6.8) (5.8) (4.2) Telecom subscribers 3.6 3.9 3.6 1.8 1.5 1.3 0.4 (0.9) (1.8) (2.9) (3.0) (2.3) (2.5) (3.0) PMI: Services 22.3 32.7 35.6 10.8 7.9 5.4 6.1 (2.5) (6.3) (1.8) 7.2 26.9 43.7 22.2	Freight traffic <sup>5</sup>	19.7	14.4	15.3	2.5	7.7	3.9	4.5	4.0	2.7	4.7	8.0	(16.6)	12.1	10.5
Fiscal Spending <sup>6</sup> (10.7) (37.7) 34.3 49.1 (4.6) (18.6) 1.6 (2.8) 33.1 71.8 21.3 13.5 (14.7) (40.8) Real deposits <sup>7</sup> (2.1) (1.6) (2.0) (2.2) (3.3) (5.2) (1.9) (4.7) (4.3) (5.0) (4.7) (6.8) (5.8) (4.2) Telecom subscribers 3.6 3.9 3.6 1.8 1.5 1.3 0.4 (0.9) (1.8) (2.9) (3.0) (2.3) (2.5) (3.0) <sup>8</sup> PMI: Services 22.3 32.7 35.6 10.8 7.9 5.4 6.1 (2.5) (6.3) (1.8) 7.2 26.9 43.7 22.2	Passengers traffic <sup>5</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fiscal Spending <sup>6</sup> (10.7) (37.7) 34.3 49.1 (4.6) (18.6) 1.6 (2.8) 33.1 71.8 21.3 13.5 (14.7) (40.8) Real deposits <sup>7</sup> (2.1) (1.6) (2.0) (2.2) (3.3) (5.2) (1.9) (4.7) (4.3) (5.0) (4.7) (6.8) (5.8) (4.2) Telecom subscribers 3.6 3.9 3.6 1.8 1.5 1.3 0.4 (0.9) (1.8) (2.9) (3.0) (2.3) (2.5) (3.0) <sup>8</sup> PMI: Services 22.3 32.7 35.6 10.8 7.9 5.4 6.1 (2.5) (6.3) (1.8) 7.2 26.9 43.7 22.2	MFs AUMs	17.9	16.7	19.2	22.3	16.2	8.3	6.4	9.6	4.7	4.3	1.8	(3.5)	(8.1)	(6.2)
Real deposits 7 (2.1) (1.6) (2.0) (2.2) (3.3) (5.2) (1.9) (4.7) (4.3) (5.0) (4.7) (6.8) (5.8) (4.2) (1.9) (1	Fiscal Spending <sup>6</sup>	(10.7)	(37.7)	34.3	49.1	(4.6)	(18.6)	1.6	(2.8)	33.1	71.8	21.3			(40.8)
Telecom subscribers  3.6 3.9 3.6 1.8 1.5 1.3 0.4 (0.9) (1.8) (2.9) (3.0) (2.3) (2.5) (3.0) <sup>8</sup> PMI: Services  22.3 32.7 35.6 10.8 7.9 5.4 6.1 (2.5) (6.3) (1.8) 7.2 26.9 43.7 22.2		(2.1)	(1.6)	(2.0)				(1.9)			(5.0)	(4.7)	(6.8)		
PMI: Services 22.3 32.7 35.6 10.8 7.9 5.4 6.1 (2.5) (6.3) (1.8) 7.2 26.9 43.7 22.2	Telecom subscribers		• •												
	PMI: Services														
	Services sector														
EAI-GVA 9.8 10.2 11.8 5.5 4.4 2.1 4.5 2.6 3.6 5.5 8.0 18.6 13.2 7.3	EAI-GVA	9.8	10.2	11.8	5.5	4.4	2.1	4.5	2.6	3.6	5.5	8.0	18.6	13.2	7.3
	Non-farm EAI-GVA	10.1	10.7	12.9	5.8	4.6	2.2	5.1	3.0	4.2	6.0	8.2	19.5	14.5	

<sup>&</sup>lt;sup>1</sup> Rural wages; deflated by CPI for rural workers

<sup>2</sup> Banks' industrial credit growth; deflated by WPI

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

Non-metallic minerals products (NMMP)

<sup>&</sup>lt;sup>4</sup> Bank's non-food trade credit; deflated by WPI

<sup>&</sup>lt;sup>6</sup> Total spending of the central government excluding interest and subsidies; deflated by WPI Railways and aviation <sup>8</sup> Our forecasts Bank deposits; deflated by WPI

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



Exhibit 14: Monthly analysis of indicators in Jul'22 show slowdown in economic activity

		Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
PMI: Manufacturing	Index	52.3	53.7	55.9	57.6	55.5	54.0	54.9	54.0	54.7	54.6	53.9	56.4	56.2
PMI: Services	Index	56.7	55.2	58.4	58.1	55.5	51.5	51.8	53.6	57.9	58.9	59.2	55.5	
E-way registrations	% YoY	42.5	18.3	14.5	5.9	11.6	9.5	8.3	9.7	23.9	84.1	31.8	17.8	
Toll collection (Units)	% YoY	107.8	75.9	75.1	71.5	74.9	54.8	53.3	39.9	61.5	145.0	76.1	37.9	35.2
FX reserves	USD b	640.7	635.4	640.4	638.0	633.6	629.9	631.9	607.3	596.7	603.2	589.2	574.3	564.1
Currency in circulation	% YoY	9.6	8.9	7.9	7.7	7.3	8.3	9.0	10.3	10.4	9.0	7.4	7.9	9.2
Vahaan registrations <sup>1</sup>	% YoY	14.6	-5.3	-5.3	-2.7	-16.0	-10.6	-9.0	-2.8	37.3	207.6	26.3	-7.5	5.5
Google mobility (R&R) <sup>2</sup>	Index	-16.3	-13.0	-4.9	-0.4	2.0	-9.2	3.3	7.5	9.4	10.2	8.7	6.1	13.6
Exports <sup>3</sup>	% YoY	46.3	22.7	43.4	34.6	44.3	27.9	34.4	26.2	29.4	20.9	23.5	2.1	
Imports <sup>3</sup>	% YoY	52.9	85.6	57.3	56.7	40.4	24.9	37.0	28.8	30.8	62.9	57.5	43.6	
Power Generation <sup>4</sup>	% YoY	16.1	1.2	2.9	2.5	3.0	1.0	4.9	6.0	8.1	23.3	17.7	4.3	3.1

<sup>2</sup> Apple mobility index for driving

Merchandise exports and imports

Source: Various national sources, CEIC, MOFSL

In terms of daily vehicle units

Google mobility index for retail & recreation

Based on daily power generation



# 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

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