

### Index of Industrial Production (IIP):

India's industrial growth, measured by the Index of Industrial Production, recorded a growth of 2.36% in July, as against 12.30% in June. For the month of July 2022, the Quick Estimates of Index of Industrial Production (IIP) with base 2011-12 stands at 134.6. The Indices of Industrial Production for the Mining, Manufacturing and Electricity sectors for the month of July 2022 stand at 101.1, 135.2 and 188.9 respectively. As per Use-based classification, the indices stand at 131.7 for Primary Goods, 97.8 for Capital Goods, 148.9 for Intermediate Goods and 150.1 for Infrastructure/ Construction Goods for the month of July 2022. Further, the indices for Consumer durables and Consumer non-durables stand at 121.5 and 143.0 respectively for the month July 2022. The manufacturing sector, constituting a major chunk of IIP which is close to 77%, recorded a growth of 3.21% in July as against 12.46% in June. The mining sector, weighing nearly 14%, decelerated by 3.35%. Meanwhile, the electricity segment grew by 2.27% as against 16.44% in the preceding month.

### Eight Core Sector:

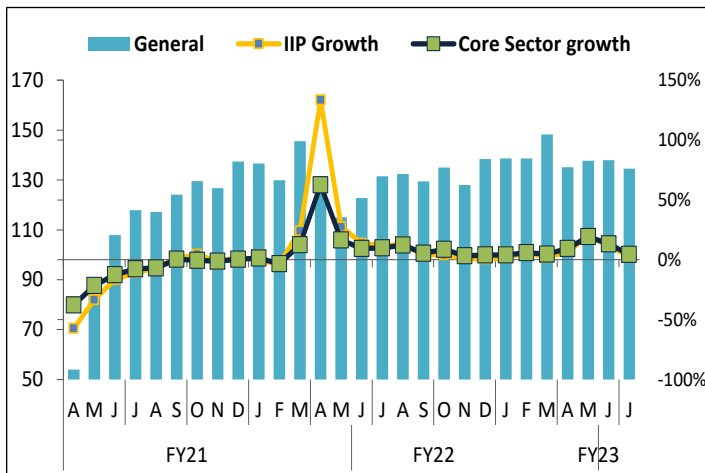
India's eight core industries grew by 4.45% in July against 9.94% in the year-ago period. In June 2022 overall index stood at 13.22%. The growth in July was driven by robust performance in the production of cement, coal, refinery products, fertilizers, steel and electricity industries. The combined Index of Eight Core Industries stood at 140.7 in July 2022. Coal posted double digit growth in output. Eight sectors including coal and electricity accounts for nearly 40% of industrial output, rose 11.5% cumulatively in April-July 2022-2023 as compared to the corresponding period of the last financial year.

Coal production increased by 11.33% in July compared to the same month last year. The country witnessed a rise of 6.26% in fertilizer production during July 2022 against the same month a year ago. Production in petroleum refinery products increased by 6.25% in July 2022 over last year. Steel production surged by 5.71% in July 2022. India's cement production logged a growth of 2.03% in July 2022. Production in the Electricity industry jumped by 2.19% in July. Crude oil and Natural gas output decelerated to -3.74% and -0.26% in July 2022.

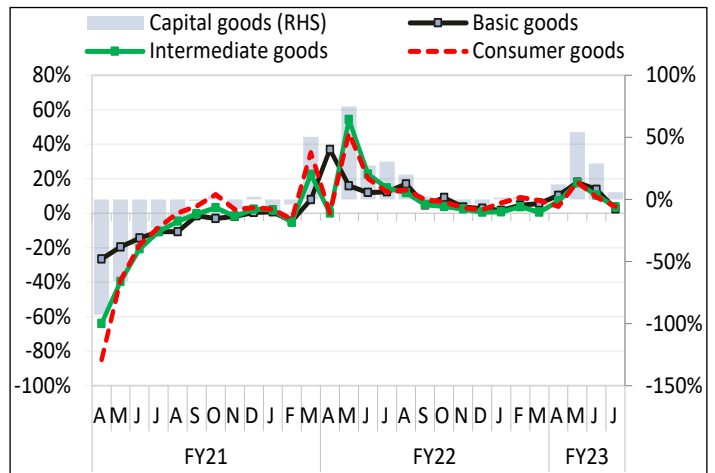
### India Manufacturing Purchasing Manager's Index (PMI):

India Manufacturing Purchasing Managers' Index was little-changed from July's reading of 56.4, posting 56.2 in August and signaling the second-strongest improvement in operating conditions since last November. A sustained improvement in demand conditions boosted new order intakes at Indian manufacturers during August, which in turn pushed output growth to a nine-month high. Production volumes were also supported by a pick-up in exports and upbeat projections for the year-ahead outlook. Firms were at their most optimistic for six years. On the supply side, the results showed a further shortening of delivery times and a slower upturn in prices charged by vendors. Contributions to the PMI from sub-indices varied as faster increases in new orders and output compared with slower expansions in employment and stocks of purchases. Indian manufacturers reported the fastest increase in production in nine months, which they attributed to greater sales, recent efforts to enhance capacities, fewer COVID-19 restrictions and product diversification. There was a moderate upturn in factory gate charges in August as monitored companies lifted their fees in line with the passing on of higher freight, labour and material costs to clients. International markets gave impetus to total sales, as seen by a marked and quicker increase in new export orders halfway through the second fiscal quarter. Strong sales growth and a rise in production requirements supported a further increase in input buying at manufacturers. Despite easing from July, the pace of expansion remained sharp.

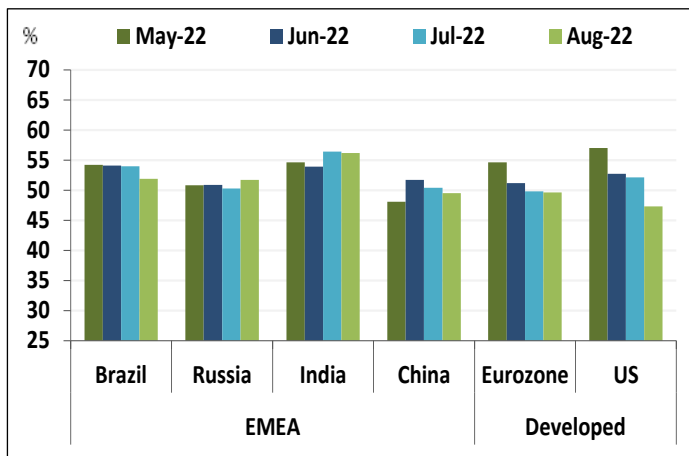
IIP General Index & Growth



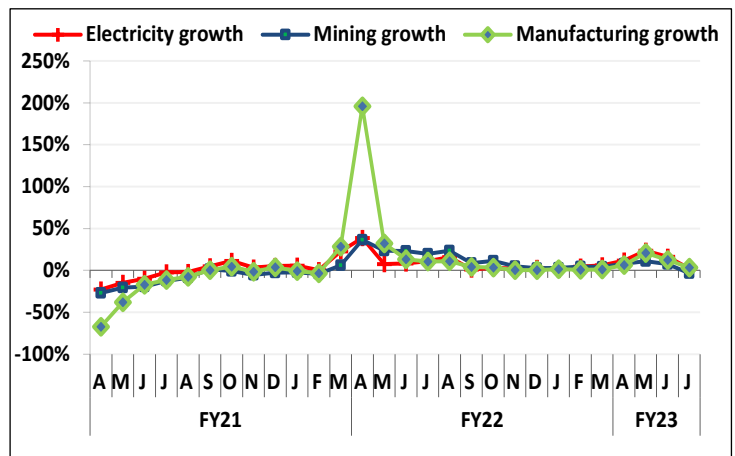
IIP Growth – Use Based Classification



Purchasing Manager’s Index



IIP Growth - Broad Classification



Y-O-Y Growth (%)	Weights	Mar-22	Apr-22	May-22	Jun-22	Jul-22
<b>IIP (base 2011-12)</b>	<b>100</b>	<b>1.85%</b>	<b>7.14%</b>	<b>19.64%</b>	<b>12.30%</b>	<b>2.36%</b>
<b>IIP Growth - Broad Classification</b>						
Mining	14.37	4.03%	7.81%	10.90%	7.49%	-3.35%
Manufacturing	77.63	0.91%	6.34%	20.63%	12.46%	3.21%
Electricity	7.99	6.11%	11.78%	23.47%	16.44%	2.27%
<b>IIP Growth - Use Based Classification</b>						
Basic	34.05	5.66%	10.28%	17.83%	13.81%	2.49%
Capital Goods	8.22	0.73%	12.03%	54.44%	29.06%	5.84%
Intermediate	17.22	0.58%	7.09%	17.51%	10.47%	3.62%
Consumer Goods	12.34	7.30%	3.96%	18.15%	9.28%	3.95%
-Durables	12.84	-3.16%	7.16%	58.38%	25.07%	2.36%
-Non-Durables	15.33	-5.03%	-0.79%	1.03%	2.96%	-1.99%
<b>Core Sector Growth</b>	<b>40.27</b>	<b>4.76%</b>	<b>9.37%</b>	<b>19.24%</b>	<b>13.22%</b>	<b>4.45%</b>
<b>HSBC Mfg PMI</b>						
<b>India</b>	<b>50.4</b>	<b>54.7</b>	<b>54.6</b>	<b>53.9</b>	<b>56.4</b>	<b>56.2</b>
<b>China</b>	<b>48.1</b>	<b>46.0</b>	<b>48.1</b>	<b>51.7</b>	<b>50.4</b>	<b>49.5</b>
<b>Eurozone</b>	<b>56.5</b>	<b>55.5</b>	<b>54.6</b>	<b>51.2</b>	<b>49.8</b>	<b>49.6</b>
<b>United States</b>	<b>58.8</b>	<b>59.2</b>	<b>57.0</b>	<b>52.7</b>	<b>52.1</b>	<b>47.3</b>