

Summary of Provisional Quantum Index Numbers of Large Scale Manufacturing Industries (QIM) for December 2023

The provisional quantum indices of **Large Scale Manufacturing Industries (LSMI)** for December, 2023 with base year 2015-16 have been developed on the basis of latest data supplied by the source agencies. The indices for December 2023 and July-December 2023-24 along with growth are as follows: -

- QIM estimated for **December, 2023** is **132.87**
- The **LSMI output increased by 3.43%** for December, 2023 when compared with December, 2022 and **15.69%** when compared with November 2023.
- QIM estimated for **July-December, 2023-24** is **115.02**
- Overall Large Scale Manufacturing Sector has shown a **growth of -0.39% during July- December 2023-24** when compared with the same period of last year.

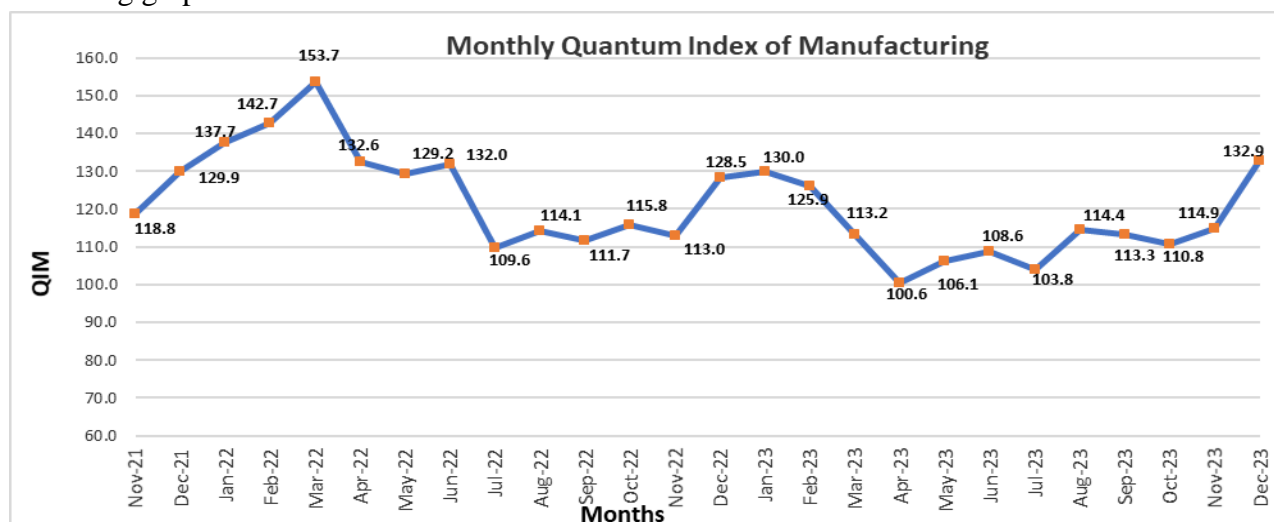
Jul-December 2022-23			Monthly Indices and Growth				
Index for		Growth	Index for			Growth	
2023-24	2022-23	2023-24	Dec-23	Dec-22	Nov-23	MOM	YOY
115.02	115.47	-0.39	132.87	128.47	114.85	15.69	3.43

2. The growth of important items/group of items is as follows;

Manufacturing Sector	Weight	% Change	
		December-23	Jul-Dec 2023-24
Cotton Yarn	8.88	0.61	-18.18
Cotton Cloth	7.29	0.65	-10.77
Garments	6.08	20.77	15.14
Petroleum Products	6.66	17.85	8.40
Fertilizers	3.93	4.65	10.07
Cement	4.65	-2.27	1.95
Iron & Steel	3.45	0.38	-1.41
Automobile	3.10	-52.95	-52.91

3. The main contributors towards overall growth of -0.39% are, Food (0.76), Tobacco (-0.73), Textile (-2.05) Garments (2.26), Paper & Board (-0.12), Petroleum Products (0.55), Chemicals (0.30), Pharmaceuticals (1.43), Cement (0.12), Iron & Steel Products (-0.07), Electrical Equipment (-0.38) ,Automobiles (-1.70) and Furniture (-1.05).

4. Month-wise trend of QIM from November, 2021 to December, 2023 is given in the following graph:



5. The sectors showing growth during July-Dec 2023-24 compared to July-Dec 2022-23 are given below: -

Manufacturing Sector	Weight	(% Change 2022-23)		(% Change 2023-24)		YOY Growth Impact 2023-24	
		Dec	Jul-Dec	Dec	Jul-Dec	Monthly	Cumulative
Food	10.69	10.41	-2.88	6.77	5.11	1.76	0.76
Beverages	3.84	-10.85	-8.16	9.77	3.10	0.24	0.13
Wearing Apparel	6.08	51.38	67.92	20.77	15.14	2.83	2.26
Leather Products	1.23	-0.74	6.13	7.18	3.34	0.05	0.02
Wood Products	0.18	-75.67	-66.32	28.40	8.84	0.01	0.00
Coke & Petroleum Products	6.66	3.53	-11.15	17.85	8.40	1.06	0.55
Chemicals	6.48	-3.82	-1.13	2.62	3.76	0.19	0.30
Chemicals Products	2.55	-9.23	0.10	-0.61	-5.18	-0.02	-0.17
Fertilizers	3.93	-0.06	-1.98	4.65	10.07	0.21	0.47
Pharmaceuticals	5.15	-12.72	-21.56	20.12	31.82	0.87	1.43
Rubber Products	0.24	0.43	-7.62	-0.73	0.55	-0.00	0.00
Non Metallic Mineral Products	5.01	-8.64	-11.72	-2.26	1.24	-0.15	0.08
Machinery and Equipment	0.39	-77.09	-47.61	148.41	70.76	0.20	0.22
Other Manufacturing (Football)	0.32	23.19	52.93	28.31	8.17	0.11	0.04

6. The sectors showing decline during July-Dec 2023-24 compared to July-Dec 2022-23 are given below: -

Manufacturing Sector	Weight	(% Change 2022-23)		(% Change 2023-24)		YOY Growth Impact 2023-24	
		Dec	Jul-Dec	Dec	Jul-Dec	Monthly	Cumulative
Tobacco	2.07	-28.83	-23.51	-24.11	-36.72	-0.44	-0.73
Textile	18.16	-21.17	-13.07	-1.05	-10.95	-0.16	-2.05
Paper & Board	1.63	-1.55	-2.83	-9.01	-5.06	-0.21	-0.12
Iron & Steel Products	3.45	-8.12	-2.13	0.38	-1.41	0.02	-0.07
Fabricated Metal	0.42	0.20	-14.69	-12.21	-2.23	-0.05	-0.01
Computer, electronics and Optical products	0.03	-33.79	-20.03	-7.94	-21.13	-0.00	-0.00
Electrical Equipment	2.05	-13.36	-5.08	-1.91	-10.85	-0.05	-0.38
Automobiles	3.10	-35.75	-30.15	-52.95	-52.91	-1.68	-1.70
Other transport Equipment	0.69	-29.78	-39.86	-19.99	-14.86	-0.09	-0.08
Furniture	0.51	268.10	102.28	-52.06	-37.31	-1.07	-1.05

7. The production in July-December 2023-24 as compared to July-December 2022-23 has increased in Food, Beverages, Wearing apparel, Coke & Petroleum Products, Chemicals, Fertilizers, Pharmaceuticals, Non Metallic Mineral Products, Machinery and Equipment and Other Manufacturing (Football) while it decreased in Tobacco, Textile, Iron & Steel Products, Electrical Equipment, Automobiles, Other Transport Equipment and Furniture.