



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI



**INDEX OF
INDUSTRIAL PRODUCTION
1st Quarter (April 2021- June2021)
BASE YEAR: (2011-12)**

**DIRECTORATE OF ECONOMICS & STATISTICS
VIKAS BHAWAN –II, 3rd FLOOR, “B”WING
UPPER BELA ROAD, NEAR METCALF HOUSE, DELHI – 110054**



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**EXECUTIVE SUMMARY OF INDEX OF INDUSTRIAL PRODUCTION (IIP)
FOR THE 1st QTR OF YEAR 2021-22**

- i. Index of Industrial Production (IIP) measures the relative changes in the volume of production in non-agricultural commodities and is an effective tool to measure the short-term changes in industrial production. The methodology and process of collection of data, selection of sample and compilation of IIP are as per the guidelines of Industrial Statistics Wing, MOSPI, Govt. of India.
- ii. The Index of Industrial Production (IIP) Report of 1st Qtr (April to June-2021) for the year 2021-22 with base year 2011-12 has been prepared based on the production data received from 134 manufacturing units and one Electricity Unit in Delhi being engaged in production of 90 different categories of items.
- iii. Assigned weights for Manufacturing and Electricity Sectors are 586.1 and 413.9 respectively. Total weights is taken as 1000 and apportioned in two industrial sectors, namely, manufacturing and electricity as per their contribution in state Gross Value added in the base year 2011-12.
- iv. In view of the preventive measures and enforcement of complete lockdown on account of COVID-19 pandemic, some of the Industrial sector factories/establishments were not operating from the end of April, 2021 onwards. This has had an impact on the items being produced by the factories/establishment during the 1st Qtr (April to June-21) for the financial year 2021-22. 17 groups out of 23 groups at NIC-2 digit level were showing positive growth in Index of Industrial Production in the 1st Qtr. of 2021-22 as compared to 1st Qtr. of 2020-21.
- v. Average monthly Index of Industrial Production for the 1st Qtr of year 2021-22 has indicated an increase of 31% from 100.97 in the corresponding period of previous year i.e., 2020-21 to 132.77 in 2021-22. The corresponding increase in All India level is reported as 45%.
- vi. The manufacturing sector in Delhi has registered a high positive growth of 65% in IIP from 75.26 to 124.13 during the 1st Qtr of year 2021-22 from corresponding period of 2020-21. Whereas an increase of 54% has encountered at All India level of 1st Qtr of year 2021-22 from corresponding period of 2020-21.
- vii. Whereas, IIP in Electricity Sector has indicated a positive growth of 6.0% from 137.37 in the 1st Qtr of Year 2020-21 to 145.01 in the 1st Qtr of year 2021-22. The Corresponding increase at All India Level was 17%.
- viii. The negative growth in manufacturing sector is attributed to significant decrease in the production in only 3 major sectors at NIC two digit level, namely, Manufacturing of wearing apparel (NIC-14) with weight of 102.30, Manufacture of paper and paper

products (NIC -17) with weight of 5.13, Manufacture of furniture (NIC-31) with weight of 2.28 had a negative contribution in IIP by 4%, 30%, and 21% respectively during the 1st Qtr of 2021-22 as compared to 1st Qtr of 2020-21.

- ix. As per used based classification of products, all groups, i.e., Intermediary Goods, Capital Goods, Consumer Non-Durable Goods, Consumer Durable Goods and Primary Goods have exhibited a positive growth in production index by 142%, 112%, 58%, 43% and 7% respectively from the corresponding period of previous year, i.e. 2020-21.

**GOVT. OF NCT OF DELHI
(DIRECTORATE OF ECONOMICS & STATISTICS)**

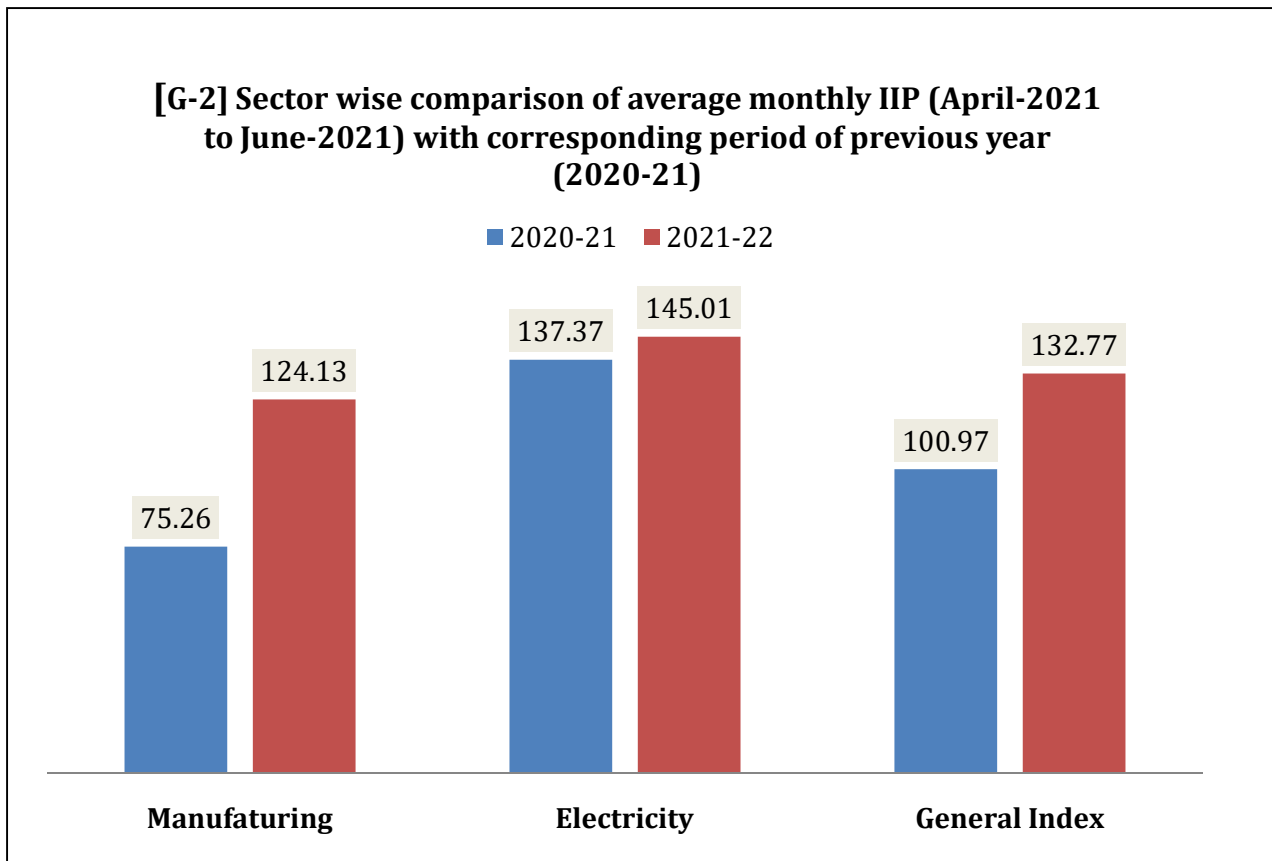
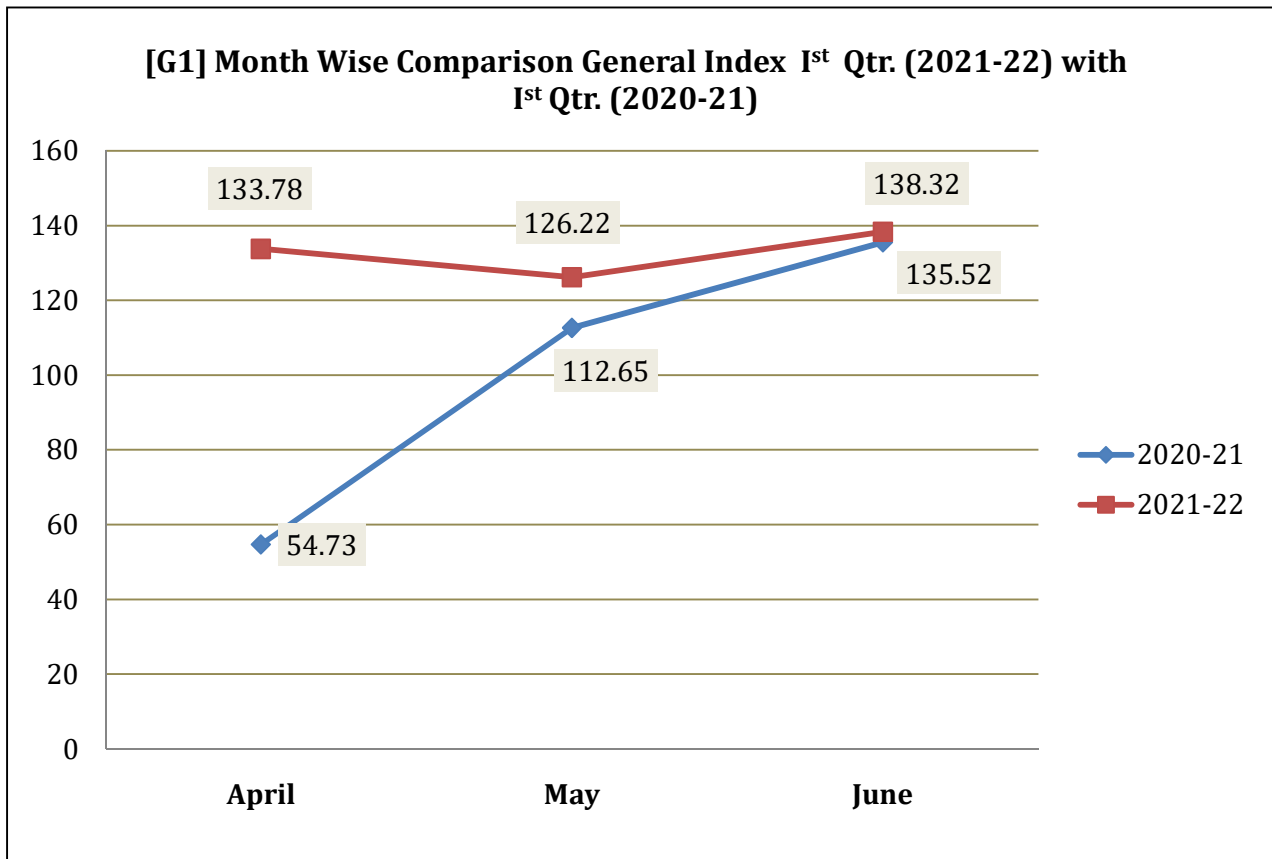
**IIP UNIT
(INDEX OF INDUSTRIAL PRODUCTION)
(1st Quarter April 2021-June 2021)**

(Base Year: 2011-12=100)

1.1 Directorate of Economics & Statistics, Govt. of NCT of Delhi compiles the Index of Industrial Production (IIP) for Delhi on monthly basis and releases on annual/quarterly basis. The base year for the IIP is 2011-12=100. IIP is the short term indicator of the trend in organized manufacturing sector. For 1st quarter of FY 2021-22, the IIP is compiled on the basis of monthly production data received from 135 industries comprising of 134 manufacturing units and an electricity production unit. For the purpose of compiling IIP, the industry sector has been divided into manufacturing and electricity sector. 58.61% weight has been assigned to manufacturing sector whereas electricity sector has been assigned 41.39% weight. The manufacturing sector has been further divided into 23 major industrial groups at two digit level NIC-2008.

1.2 Although, the IIP had been compiled on monthly basis but in practice it was being released annually/quarterly. Now the index for the 1st quarter (April 21 to June 21) of financial year 2021-22 has been compiled and same is presented below.

Table 1: Sector wise comparison of IIP 1st Qtr. (April to June 2021-22) with 1st Qtr. 2020-21						
Sector	Manufacturing (58.61%)		Electricity (41.39%)		General Index (100%)	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
Month						
April	16.62	115.72	108.7	159.34	54.73	133.78
May	85.07	115.53	151.71	141.37	112.65	126.22
June	124.08	141.14	151.71	134.32	135.52	138.32
Average of three months						
April-June	75.26	124.13	137.37	145.01	100.97	132.77
Growth or Decline over the corresponding period of previous year						
April		596%		47%		144%
May		36%		-7%		12%
June		14%		-11%		2%
April - June		65%		6%		31%



[G-3]: Sector wise % change in 1st Quarter of 2021-22 compared with corresponding period of previous year (2020-21)

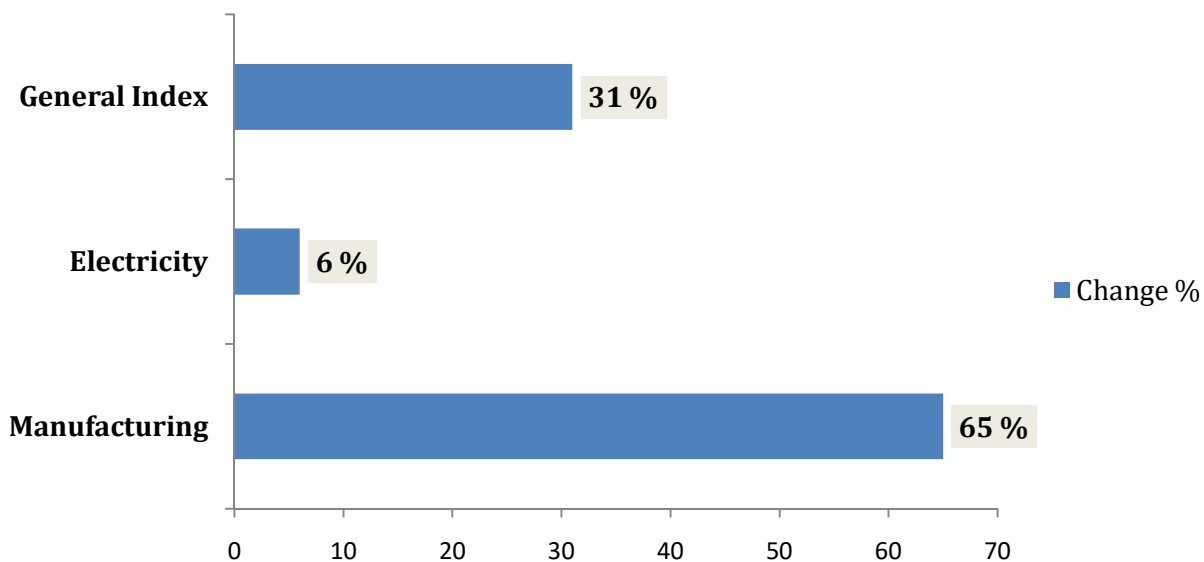


Table 2: Comparison of 1st Quarter (April to June 2021) with the corresponding period of previous year i.e., (2020-21) of Delhi with All India Index of Industrial Production.

	Manufacturing			Electricity			General index		
	April-June			April-June			April-June		
	(2020-21)	(2021-22)	Change %	(2020-21)	(2021-22)	Change %	(2020-21)	(2021-22)	Change %
Delhi	75.26	124.13	65%	137.37	145.01	6%	100.97	132.77	31%
All India	77.86	119.70	54%	144.13	168.33	17%	84.03	121.76	45%

All India IIP Data: website of Ministry of Statistics and programme implementation (MOSPI)

1.3 Key findings on Index of Industrial production (IIP) during the 1st Quarter April, 2021 to June, 2021 are as follows:

- The 1st Quarter General Index of Industrial Production 2021-22 has increased from 100.97 in the corresponding period of previous year 2020-21 to 132.77 indicating a positive growth of 31% in Delhi as compared to 45% increase in the corresponding period at All India Level.
- The manufacturing sector has increased from 75.26 in the corresponding period of previous year to 124.13 indicating positive growth of 65% in Delhi as compared to 54% increase in the corresponding period of All India Level.
- The Electricity Sector of Index of Industrial Production has increased from 137.37 in the corresponding period of previous year to 145.01 indicating a slight increase of 6% in Delhi as compared to 17% increase in the corresponding period at All India Level.

Table 3: Sector wise comparison of IIP of Delhi April to June (2021-22) with 4th Qtr. of previous year (2020-21)									
Sector	2020-21(IVth Quarter)				2021-22(1st Quarter)				Change %
	Jan	Feb	Mar	(Jan-Mar)	April	May	June	(April-June)	
				Average				Average	
Manufacturing	151.87	155.23	157.69	154.93	115.72	115.53	141.14	124.13	-20%
Electricity	112.36	112.51	162.12	129.00	159.34	141.36	134.32	145.01	12%
General Index	135.52	137.55	159.53	144.2	133.77	126.22	138.31	132.77	-8%

1.4 The salient features of IIP for 1st Quarter (April 21to June 21) of F.Y. 2021-22 with the 4th Quarter (Jan to March-21) of Delhi for F.Y. 2020-21 are as follows:

- 20% decline was witnessed in Manufacturing sector of Delhi for 1st quarter 2021-22 (April to June 2021) as compared with the 4th quarter of 2020-21 (January to March 2021).
- 12% growth exhibited in Electricity sector of Delhi for 1st quarter 2021-22 (April to June 2021) as compared with the 4th quarter of 2020-21 (January to March 2021).
- 8% overall decline was recorded in General Index of Delhi for 1st quarter 2020-21 (April to June 2021) as compared with the 4th quarter of 2020-21 (January to March 2021).
- Overall decline in IIP was experienced due to imposition of Lockdown incidental to the pandemic of COVID-19 during the months of 1st Quarter.

Table 4: Sector wise comparison of IIP of All India April to June (2021-22) with 4th Qtr. of previous year (2020-21)									
Sector	2020-21(IVth Quarter)				2021-22(1st Quarter)				Change %
	Jan	Feb	Mar	Jan-Mar	April	May	June	April-June	
				Average				Average	
Manufacturing	136.6	129.7	143.3	136.53	125.40	112.70	121.00	119.70	-12%
Electricity	164.2	153.9	180	166.03	174.00	161.90	169.10	168.30	1%
General Index	136.6	129.9	145.6	137.37	126.70	116.00	122.60	121.80	-11%

- Corresponding decline in manufacturing and General Index in All India IIP was 12% and 11% respectively whereas electricity sector exhibited a nominal growth in IIP of 1%.

Table 5 : Index of Industrial Production at 2 Digit level of NIC 2008 (Base Year 2011-12=100) for Ist quarter of 2021-22 & 2020-21											
NIC-2 Digit Code	Description	Weight	2020-21				2021-22				Change%
			April	May	June	Average	April	May	June	Average	
10	Manufacture of food products	143.18	59.57	250.3	310.83	206.9	295.59	363.53	326.51	328.54	59%
11	Manufacture of beverages	0.46	22.87	35.24	52.7	36.94	60.79	46.22	63.82	56.94	54%
12	Manufacture of tobacco products	3.33	0	0	0	0	0.00	0.00	0.00	0.00	0%
13	Manufacture of textiles	13.74	0	7.43	49.29	18.91	68.37	49.50	109.89	75.92	301%
14	Manufacture of wearing apparel	102.3	0.31	25.78	55.12	27.07	26.02	29.76	22.57	26.12	-4%
15	Manufacture of leather and related products	23.25	0	25.28	50.71	25.33	26.91	6.88	43.24	25.68	1%
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and painting materials	1.14	0	182.8	164.09	115.6	474.22	401.77	756.19	544.06	371%
17	Manufacture of paper and paper products	5.13	2.84	22.3	65.93	30.36	26.19	7.38	30.39	21.32	-30%
18	Printing and reproduction of recorded media	34.93	3.65	32.25	75.93	37.28	60.32	66.65	89.24	72.07	93%
19	Manufacture of coke and refined petroleum products	0.57	0	0	0	0	0.00	0.00	0.00	0.00	0%
20	Manufacture of chemicals and chemical products	24.62	7.59	32.87	26.25	22.23	21.14	42.31	90.17	51.20	130%
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	24.46	33.8	60.22	47.12	47.05	53.57	42.95	53.50	50.00	6%
22	Manufacture of rubber and plastics products	13.18	0	18.82	23.51	14.11	39.59	33.91	28.77	34.09	142%
23	Manufacture of other non-metallic mineral products	1	0	0	0	0	0.00	0.00	0.00	0.00	0%
24	Manufacture of Basic Metals	13.11	0	53.83	173.64	75.83	211.65	130.88	204.79	182.44	141%
25	Manufacture of fabricated metal products, except machinery and equipment	26.69	0.5	33.73	65.75	33.33	69.68	43.17	93.89	68.91	107%
26	Manufacture of computer, electronic and optical products	29.87	0	30.42	49.06	26.49	66.33	8.85	109.43	61.54	132%
27	Manufacture of electrical equipment	35.87	0	34.57	87.2	40.59	76.07	17.15	117.05	70.09	73%
28	Manufacture of machinery and equipment n.e.c.	26.92	0	38.79	106.22	48.34	111.26	68.74	151.71	110.57	129%
29	Manufacture of motor vehicles, trailers and semi-trailers	45.79	0	8.2	23.81	10.67	31.43	0.29	71.23	34.32	222%
30	Manufacture of other transport equipment	2.7	0	57.79	69.34	42.38	115.57	0.00	134.83	83.47	97%
31	Manufacture of furniture	2.28	0	222.11	273.27	165.1	173.43	61.22	156.77	130.47	-21%
32	Other manufacturing	11.58	0.16	74.56	175.38	83.36	140.33	55.38	202.81	132.84	59%
	Manufacturing	586.1	16.62	85.07	124.1	75.26	115.72	115.53	141.14	124.13	65%
	Electricity	413.9	108.7	151.7	151.7	137.4	159.34	141.37	134.32	145.01	6%
	General Index	1000	54.73	112.7	135.5	101	133.78	126.22	138.32	132.77	31%

1.5 Index of Industrial Production at the level of NIC two digit

In view of the preventive measures and enforcement of complete lockdown on account of COVID-19 pandemic, some of the Industrial sector factories/establishments were not operating from the end of April, 2021 onwards. This has had an impact on the items being produced by the factories/establishment during the 1st Qtr (April to June-21) for the financial year 2021-22.

- In manufacturing sector, 17 groups out of 23 groups at NIC-2 digit level were showing positive growth in Index of Industrial Production in the 1st Qtr. of 2021-22 as compared to 1st Qtr. of 2020-21.
- Out of these 17 groups on the basis of weight assigned to NIC groups (at 2-digit Level), Manufacture of food products (NIC-10) with weight of (143.18), Manufacture of textiles (NIC -13) with weight (13.74), Manufacture of motor vehicles, trailers and semi-trailers (NIC-29) with weight of (45.79), Printing and reproduction of recorded media (NIC-18) with weight (34.93), Manufacture of chemicals and chemical products (NIC-20) with weight (24.62) have had an greater impact on boosting the overall IIP of manufacturing sector whereas, three groups, namely, Manufacturing of wearing apparel (NIC-14) with weight of (102.30), Manufacture of paper and paper products (NIC -17) with weight of (5.13), Manufacture of furniture (NIC-31) with weight of (2.28) had a negative contribution in IIP by 4%, 30%, and 21% respectively during the 1st Qtr of 2021-22 as compared to 1st Qtr of 2020-21.
- Some of factories/establishment are either closed/shifted or recorded zero production in 1st Quarter of FY2021-22. Three such NIC groups (at 2-digit Level) are found namely, Manufacture of tobacco products (NIC-12), Manufacture of coke and refined petroleum products (NIC-19) and Manufacture of other non-metallic mineral products (NIC-23).

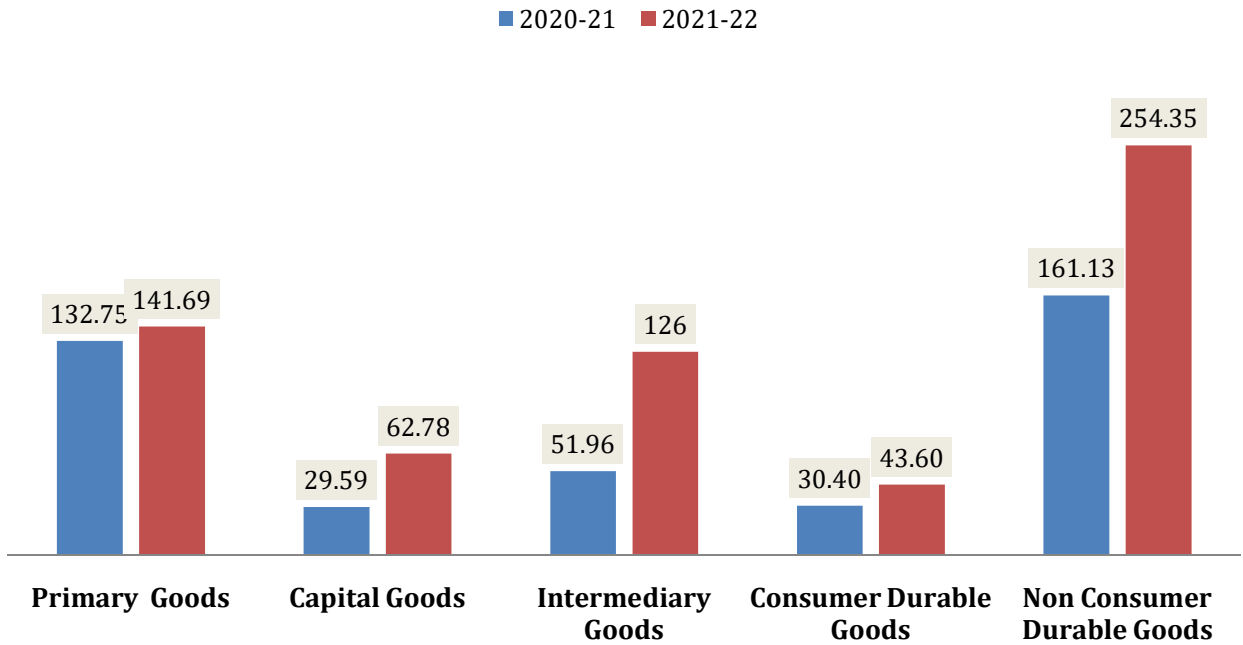
1.6 IIP as per Use Based Classification of Items

Different industries have been classified on the basis of uses of items produced by these industries to capture the performance of different industrial groups. On the analogy of the use based classification adopted by MOSPI (National Statistics Office), item basket of production has been classified into four main groups. These groups consist of Primary goods, Capital goods, Intermediate goods and Consumer goods. Consumer goods are further subdivided into Consumer durable goods and Consumer non-durable goods. Use based monthly index of Industrial Production provides the information regarding the performance of above mentioned industries which are classified according to their product usage.

Detail of Index of Industrial Production with the Use-Based classification is depicted in Table 6. It is evident that in the 1st quarter of FY 2021-22, all groups, namely, Intermediary Goods, Capital Goods, Consumer Non-Durable Goods, Consumer Durable Goods and Primary Goods have exhibited a positive growth in production index by 142%, 112%, 58%, 43% and 7% respectively from the corresponding period of previous year, i.e. 2020-21. The overall positive growth of 31% is observed.

Table 6: Use based classification of Category wise comparison of IIP 1st Qtr. (2021-22) with corresponding period of previous year 2020-21.										
Category	Weight	Used Base Index(I) * 100								Change %
		2020-21				2021-22				
		April	May	June	Average	April	May	June	Average	
Primary Goods	432.21	104.53	147.09	146.65	132.75	153.70	137.78	133.60	141.69	7%
Capital Goods	163.48	0.95	26.88	60.94	29.59	66.75	30.52	91.06	62.78	112%
Intermediary Goods	20.59	0.09	39.65	116.14	51.96	123.91	85.26	168.82	126.00	142%
Consumer Durable Goods	184.7	0.17	29.15	61.87	30.40	45.98	25.34	59.49	43.60	43%
Non Consumer Durable Goods	199.02	47.06	193.37	242.96	161.13	228.07	277.60	257.38	254.35	58%
Overall	1000	54.73	112.65	135.52	100.97	133.78	126.22	138.32	132.77	31%

**[G-4]-Use-based classification of category wise comparison of IIP
April 2021-June 2021 with corresponding period of previous year
2020-21**



[G-5] Percentage change in Use-based classification of categories in 1st quarter of 2021-22 with corresponding period of previous year 2020-21

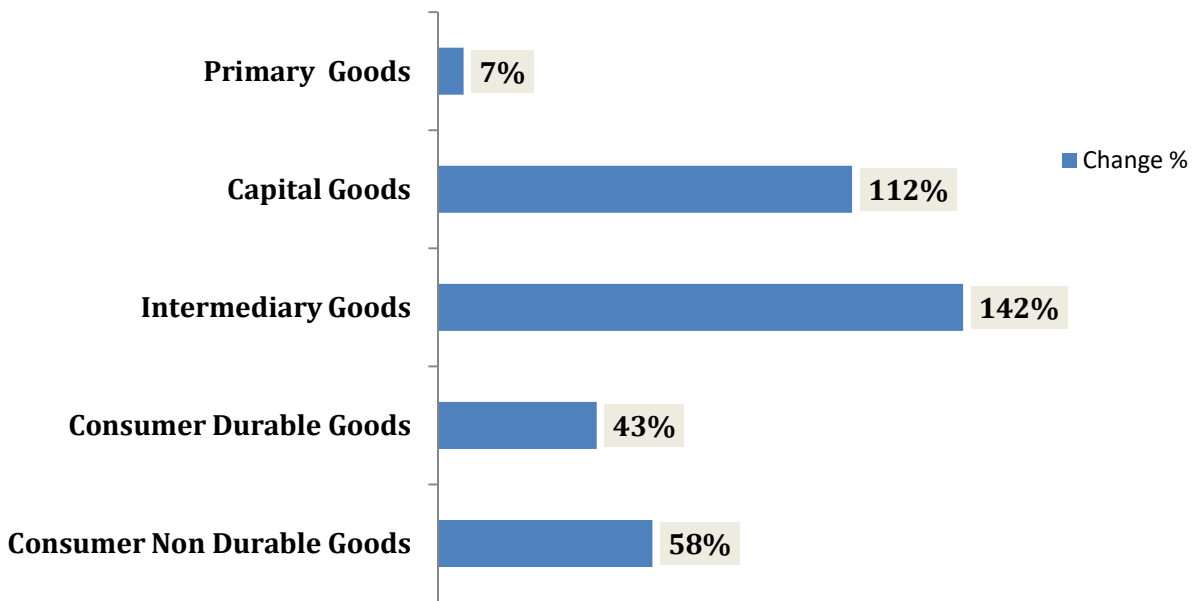


Table 7: Use-Based Classification of category wise comparison of IIP 1st Qtr. (April to June-21-22) with 4th Qtr. of previous year (2020-21).

Category	Weight	Used Base Index(I) * 100								
		2020-21 (IV th Quarter)				2021-22 (1 st Quarter)				Change %
		Jan	Feb	Mar	Average	April	May	June	Average	
Primary Goods	432.21	111.93	110.67	157.17	126.59	153.7	137.78	133.6	141.69	12%
Capital Goods	163.48	87.37	87.42	99.63	91.47	66.75	30.52	91.06	62.78	-31%
Intermediary Goods	20.59	216.44	200.89	270.77	229.37	123.91	85.26	168.82	126.00	-45%
Consumer Durable Goods	184.7	103.43	104.53	114.45	107.47	45.98	25.34	59.49	43.60	-59%
Consumer Non Durable Goods	199.02	247.69	261.17	244.16	251.01	228.07	277.6	257.38	254.35	1%
Overall	1000	135.52	137.55	159.53	144.20	133.78	126.22	138.32	132.77	-8%

Index of Industrial Production with the Use-Based classification is depicted in Table 7. It is evident that in the 1st quarter of FY 2021-22, groups, namely, Consumer Durable Goods, Intermediary Goods and Capital Goods have exhibited a negative growth in production index by 59%, 45% and 31% respectively from the 4th quarter of previous year, i.e. 2020-21 as compared with 1st Qtr of 2021-22. Two groups namely, Primary Goods and Consumer Non-Durable Goods shows positive growth of 12% and 1 % respectively.