

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**



**INDEX OF**

**INDUSTRIAL PRODUCTION**

**2020-21**

**3<sup>rd</sup> Quarter (Oct. 2020 - Dec. 2020 )**

**BASE YEAR: (2011-12)**

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

**IIP UNIT**  
**(INDEX OF INDUSTRIAL PRODUCTION)**  
**(3<sup>rd</sup> Quarter Oct 2020-Dec 2020)**

**(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 3<sup>rd</sup> quarter October 2020 to December 2020 of FY 2020-21, the IIP is compiled on the basis of monthly production data received from 135 industries comprising 134 manufacturing units and one of 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 of NIC-2008.

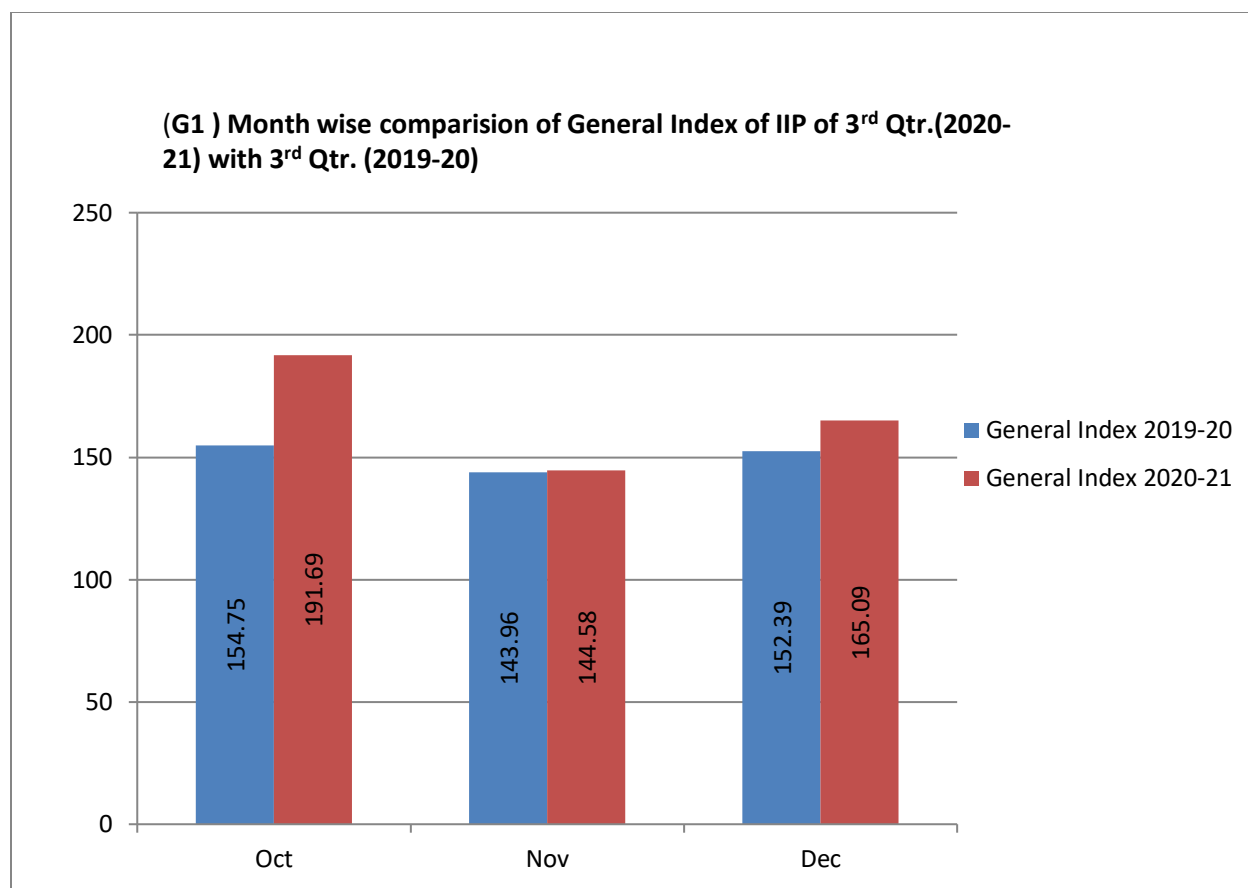
**1.2** The IIP had been compiled on monthly basis but in practice it was being released annually/quarterly. Now the index for the 3<sup>rd</sup> quarter (Oct-20 to Dec -20) of financial year 2020-21 has been compiled and same is presented below.

**Table 1: Sector wise comparison of IIP 3<sup>rd</sup> Qtr. (Oct to Dec.) 2019-20 with 3<sup>rd</sup> Qtr. 2020-21.**

Sector	Manufacturing		Electricity		General Index	
Month	2019-20 3 <sup>rd</sup> Qtr	2020-21 3 <sup>rd</sup> Qtr	2019-20 3 <sup>rd</sup> Qtr	2020-21 3 <sup>rd</sup> Qtr	2019-20 3 <sup>rd</sup> Qtr	2020-21 3 <sup>rd</sup> Qtr
Oct	152.28	217.47	158.24	155.18	154.75	191.69
Nov	152.62	133.99	131.70	159.56	143.96	144.58
Dec	167.44	170.30	131.09	157.71	152.39	165.09
Quarterly Average	157.44	173.92	140.34	157.48	150.37	167.12

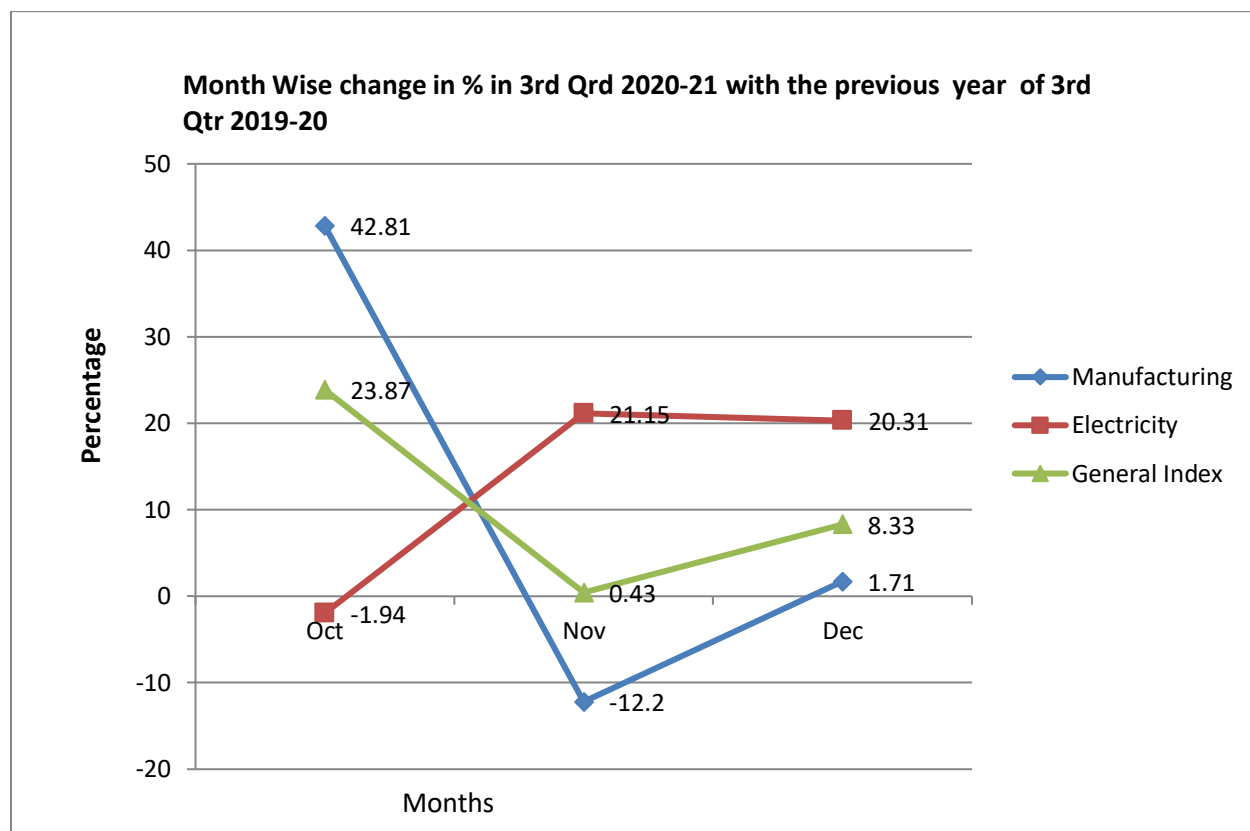
**Table 1A-Quarterwise comparison of 2<sup>nd</sup> Qtr ( July 2020 to Sept.2020) with 3<sup>rd</sup> Qtr ( Oct. 2020 to Dec.2020).**

	2020-21 (2 <sup>nd</sup> Qtr.)				2020-21 ( 3 <sup>rd</sup> Qtr.)				% Change
Sector	Jul-20	Aug-20	Sep-20	Avg	Oct-20	Nov-20	Dec-20	Avg	
Manufacturing	160.92	160.93	163.45	161.77	217.47	133.99	170.30	173.92	7.51
Electricity	149.09	130.26	115.93	131.76	155.18	159.56	157.71	157.48	19.52
General Index	156.02	148.24	143.78	149.35	191.69	144.58	165.09	167.12	11.90



**Table 2: Comparison of 3<sup>rd</sup> Quarter 2020-21 with the corresponding period of previous year 2019-20:**

	Manufacturing			Electricity			General Index		
Month	3rd qtr 2019- 20	3rd qtr 2020- 21	% Inc./Dec.	3rd qtr 2019- 20	3rd qtr 2020- 21	% Inc./Dec.	3rd qtr 2019- 20	3rd qtr 2020- 21	% Increase/ Decrease
Oct	152.28	217.47	42.81	158.24	155.18	-1.94	154.75	191.69	23.87
Nov	152.62	133.99	-12.20	131.70	159.56	21.15	143.96	144.58	0.43
Dec	167.44	170.30	1.71	131.09	157.71	20.31	152.39	165.09	8.33
Quarterly Average	157.44	173.92	10.47	140.34	157.48	12.21	150.37	167.12	11.14



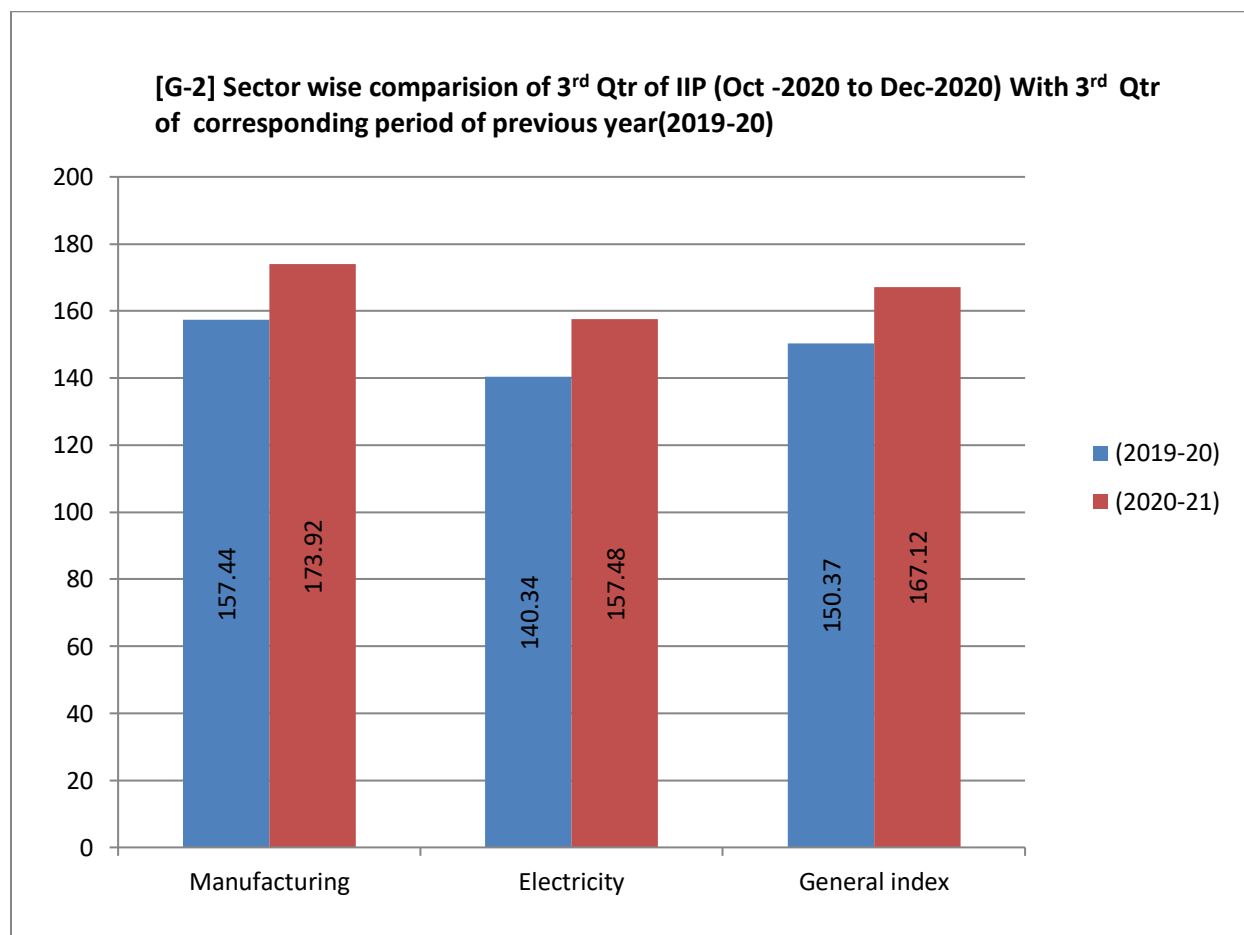
**Table 3: Comparison of 3<sup>rd</sup> quarter (Oct 2020 to Dec. 2020) IIP of Delhi with the 3<sup>rd</sup> quarter of previous year 2019-20 (Oct 2019 to Dec.2019) with All India Index of Industrial Production.**

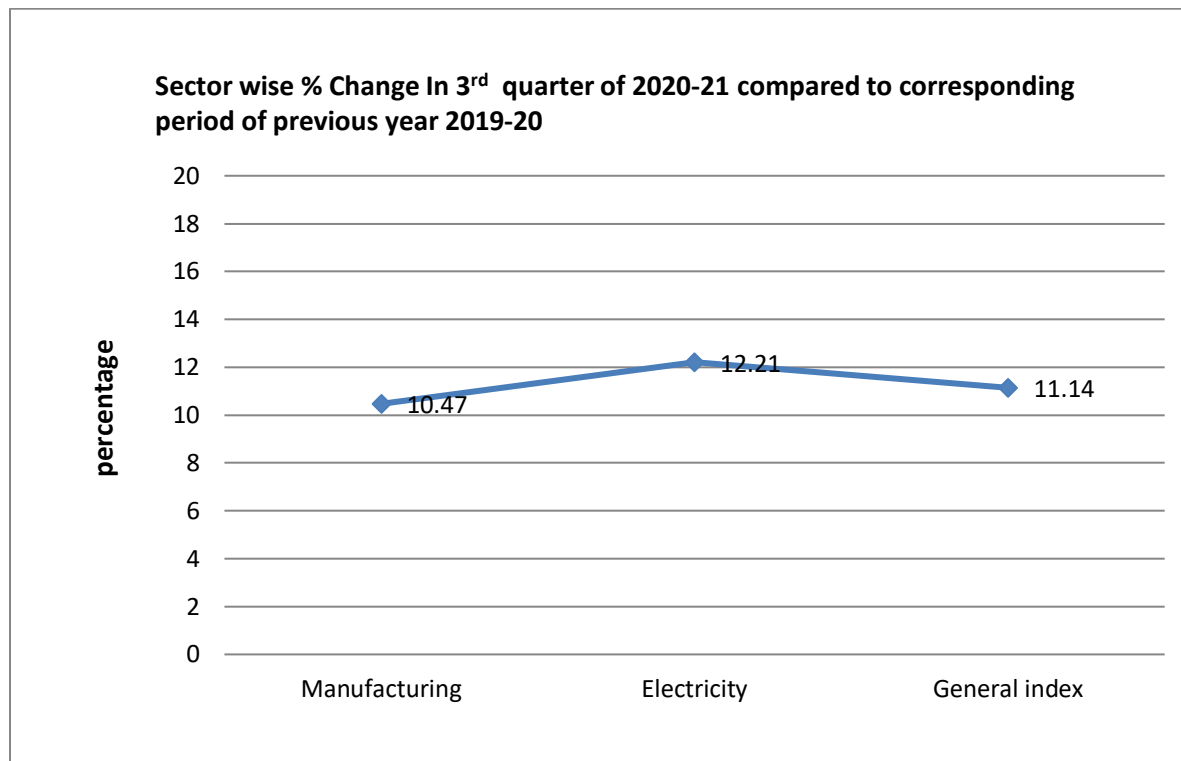
	Manufacturing			Electricity			General index		
	Oct to Dec (2019-20)	Oct to Dec (2020-21)	% Increase/ Decrease	Oct to Dec (2019-20)	Oct to Dec (2020-21)	% Increase/ Decrease	Oct to Dec (2019-20)	Oct to Dec (2020-21)	% Increase/ Decrease
<b>Delhi</b>	157.44	173.92	<b>10.47</b>	140.34	157.48	<b>12.21</b>	150.37	167.12	<b>11.14</b>
<b>All India</b>	130.77	132.33	<b>1.19</b>	145.33	155	<b>6.65</b>	129.1	130.4	<b>1.01</b>

**Source: From the website of Ministry of Statistics and programme implementation**

### 1.3 Key findings on Index of Industrial production (IIP) during the 3<sup>rd</sup> Quarter Oct, 2020 to Dec, 2020 as compare with 3<sup>rd</sup> Qtr of 2019-20 with All India index of industrial production.

- The General Index of Industrial Production has increased 150.37 in the 2019-20 of previous year as compare to 167.12 in 2020-21 indicating a growth of 11.14% in Delhi and compared to 1.01% increase in the corresponding period at All India Level.
- The Index of Industrial Production for manufacturing sector during the 3<sup>rd</sup> quarter of the current financial year 2020-21 has increased from 157.44 in the corresponding period of previous year 2019-20 to 173.92 indicating a growth of 10.47% in Delhi as compared to growth of 1.19% in the corresponding period at All India Level.
- The Electricity Sector of Index of Industrial Production has increased from 140.34 in the previous year to 157.48 in current year 2020-21 indicating a growth of 12.21% in Delhi as compared to 6.65% increase in the corresponding period at All India Level.





**Table 4:-Sector wise comparison of IIP 2<sup>nd</sup> Qtr. July to Sept. with 3<sup>rd</sup> Qtr. Oct to Dec. (2020-21):**

Sector	2020-21 (2nd Qtr.)				2020-21 (3rd Qtr.)				% Change
	20-Jul	20-Aug	20-Sep	Average	20-Oct	20-Nov	20-Dec	Avg	
Manufacturing	160.92	160.93	163.45	161.77	217.47	133.99	170.30	173.92	7.51
Electricity	149.09	130.26	115.93	131.76	155.18	159.56	157.71	157.48	19.52
General Index	156.02	148.24	143.78	149.35	191.69	144.58	165.09	167.12	11.90

**1.4 The salient features of IIP for 2nd Quarter (July to Sep 20) of F.Y. 2020-21 with the 3<sup>rd</sup> Quarter (Oct to Dec-20) of F.Y. 2010-21 are as follows:**

- The 7.51% increase is showing in Manufacturing sector of 3<sup>rd</sup> quarter 2020-21 (Oct 2020 to Dec 2020) as compared to the 2<sup>nd</sup> quarter of 2020-21 (July to Sep 2020).
- The 19.52% increase is showing in Electricity sector of 3<sup>rd</sup> quarter 2020-21 (Oct to Dec. 2020) as compared to the 2<sup>nd</sup> quarter of 2020-21 (July to Sep 2020).
- The 11.90% increase is showing in General Index of 3<sup>rd</sup> quarter 2020-21 (Oct to Dec 2020) as compared to the 2<sup>nd</sup> quarter of 2020-21 (July to Sep 2020).

**Table 5 : Index of Industrial Production at 2 Digit level of NIC 2008 (Base Year 2011-12=100) for 3<sup>rd</sup> quarter of 2019-20 with 3<sup>rd</sup> Qtr. 2020-21**

NIC-2 Digit Code	Description	Weight	Quarterly IIP for the year 2020-21 (April 20 to June 20)								% Increase/ Decrease
			Oct-19	Nov-19	Dec-19	Average	Oct-20	Nov-20	Dec-20	Average	
						(2019-20)				(2020-21)	
<b>10</b>	<b>Manufacture of food products</b>	<b>143.18</b>	366.76	339.05	382.79	362.87	585.63	313.52	404.16	434.44	<b>19.72</b>
11	Manufacture of beverages	0.46	68.33	76.51	58.46	67.77	79.75	63.39	70.10	71.08	<b>4.89</b>
12	Manufacture of tobacco products	3.33	86.77	81.05	76.37	81.40	0.00	0.00	0.00	0.00	<b>-100.00</b>
13	Manufacture of textiles	13.74	111.18	99.49	112.73	107.80	108.00	76.59	74.81	86.46	<b>-19.79</b>
14	Manufacture of wearing apparel	102.3	53.03	77.21	97.00	75.75	82.07	62.42	69.49	71.33	<b>-5.83</b>
<b>15</b>	<b>Manufacture of leather and related products</b>	<b>23.25</b>	104.01	106.09	101.43	103.84	125.58	110.74	122.80	119.71	<b>15.28</b>
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and painting materials	1.14	185.09	279.38	364.06	276.17	706.70	202.14	471.23	460.02	<b>66.57</b>
17	Manufacture of paper and paper products	5.13	149.00	136.48	153.52	146.33	136.35	120.15	138.19	131.56	<b>-10.09</b>
18	Printing and reproduction of recorded media	34.93	120.04	105.28	101.99	109.10	108.20	38.77	68.64	71.87	<b>-34.13</b>
19	Manufacture of coke and refined petroleum products	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>0</b>
<b>20</b>	<b>Manufacture of chemicals and chemical products</b>	<b>24.62</b>	89.97	44.73	40.85	58.52	90.30	60.36	97.12	82.59	<b>41.15</b>
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	24.46	73.72	89.03	104.37	89.04	47.42	53.34	58.29	53.02	<b>-40.46</b>
22	Manufacture of rubber and plastics products	13.18	51.41	58.26	62.07	57.24	34.50	37.99	63.55	45.35	<b>-20.78</b>
23	Manufacture of other non-metallic mineral products	1	33.23	25.84	39.15	32.74	21.38	7.83	0.44	9.88	<b>-69.81</b>
24	Manufacture of Basic Metals	13.11	225.04	256.56	300.66	260.75	307.73	248.39	303.55	286.55	<b>9.89</b>
25	Manufacture of fabricated metal products, except machinery and equipment	26.69	114.21	137.73	91.01	114.32	77.81	65.79	111.69	85.10	<b>-25.56</b>
26	Manufacture of computer, electronic and optical products	29.87	71.92	100.23	88.97	87.04	46.34	60.86	98.97	68.72	<b>-21.04</b>
<b>27</b>	<b>Manufacture of electrical equipment</b>	<b>35.87</b>	73.69	69.35	74.16	72.40	134.92	79.42	115.83	110.06	<b>52.01</b>
<b>28</b>	<b>Manufacture of machinery and equipment n.e.c.</b>	<b>26.92</b>	71.92	85.28	121.33	92.84	143.59	115.91	123.60	127.70	<b>37.55</b>
29	Manufacture of motor vehicles, trailers and semi-trailers	45.79	11.95	51.21	34.77	32.64	21.79	27.14	36.68	28.53	<b>-12.59</b>
30	Manufacture of other transport equipment	2.7	184.91	188.77	194.55	189.41	177.21	134.83	138.69	150.24	<b>-20.68</b>
31	Manufacture of furniture	2.28	100.83	34.98	85.97	73.93	240.92	255.78	252.48	249.72	<b>237.80</b>
32	Other manufacturing	11.58	271.49	202.58	238.83	237.63	293.66	268.79	223.86	262.10	<b>10.30</b>
<b>Manufacturing</b>		<b>586.1</b>	152.28	152.62	167.44	157.44	217.47	133.99	170.30	173.92	<b>10.47</b>
<b>Electricity</b>		<b>413.9</b>	158.24	131.70	131.09	140.34	155.18	159.56	157.71	157.48	<b>12.21</b>
<b>General Index</b>		<b>1000</b>	154.75	143.96	152.39	150.37	191.69	144.58	165.09	167.12	<b>11.14</b>

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

In the 3<sup>rd</sup> Qtr. Oct-2020 to Dec-2020, of IIP most of the Industrial units/establishment has been fully start their operation after Lockdown covid-19. This has good impact on the growth of the items being produced by the factories/establishment during the 3<sup>rd</sup> Qtr of the financial year 2020-21. The economy picked up the after covid-19 the Industrial Sector started showing Positive signs of improvement and consequently 10 groups have shown positive growth in 3<sup>rd</sup> qtr (Oct 2020 to Dec. 2020) for the Financial year 2020-21. Earlier, in 2<sup>nd</sup> Qtr of 2020-21 only 7 groups reported showing positive growth.

On the basis of weight assigned to NIC groups (at 2-digit Level), five major groups out of Ten groups which have reported positive growth are as follows:

- Manufacture of food products (NIC-10) with weight of 143.18 has shown growth of 19.72% in the 3<sup>rd</sup> Qtr. 2020-21 as compared with the 3<sup>rd</sup> qtr of 2019-20.
- Manufacture of Electrical equipment (NIC-27) with weight of 35.87 has shown growth of 52.01% in the 3<sup>rd</sup> Qtr. 2020-21 as compared to the 3<sup>rd</sup> qtr of 2019-20.
- Manufacture of Machinery and equipments n.e.c (NIC-28) with weight of 26.92 has shown growth of 37.55% in the 3<sup>rd</sup> Qtr. 2020-21 as compared to the 3<sup>rd</sup> qtr of 2019-20.
- Manufacture of Chemical and Chemical products (NIC-20) with weight of 24.62 have shown growth of 41.15% in the 3<sup>rd</sup> Qtr. 2020-21 as compared to the 3<sup>rd</sup> qtr of 2019-20.
- Manufacture of Leather and related products (NIC-15) with weight of 23.25 has shown growth of 15.28% in the 3<sup>rd</sup> Qtr. 2020-21 as compared to the 3<sup>rd</sup> qtr of 2019-20.

### 1.6 IIP as per Use Based Classification of Items

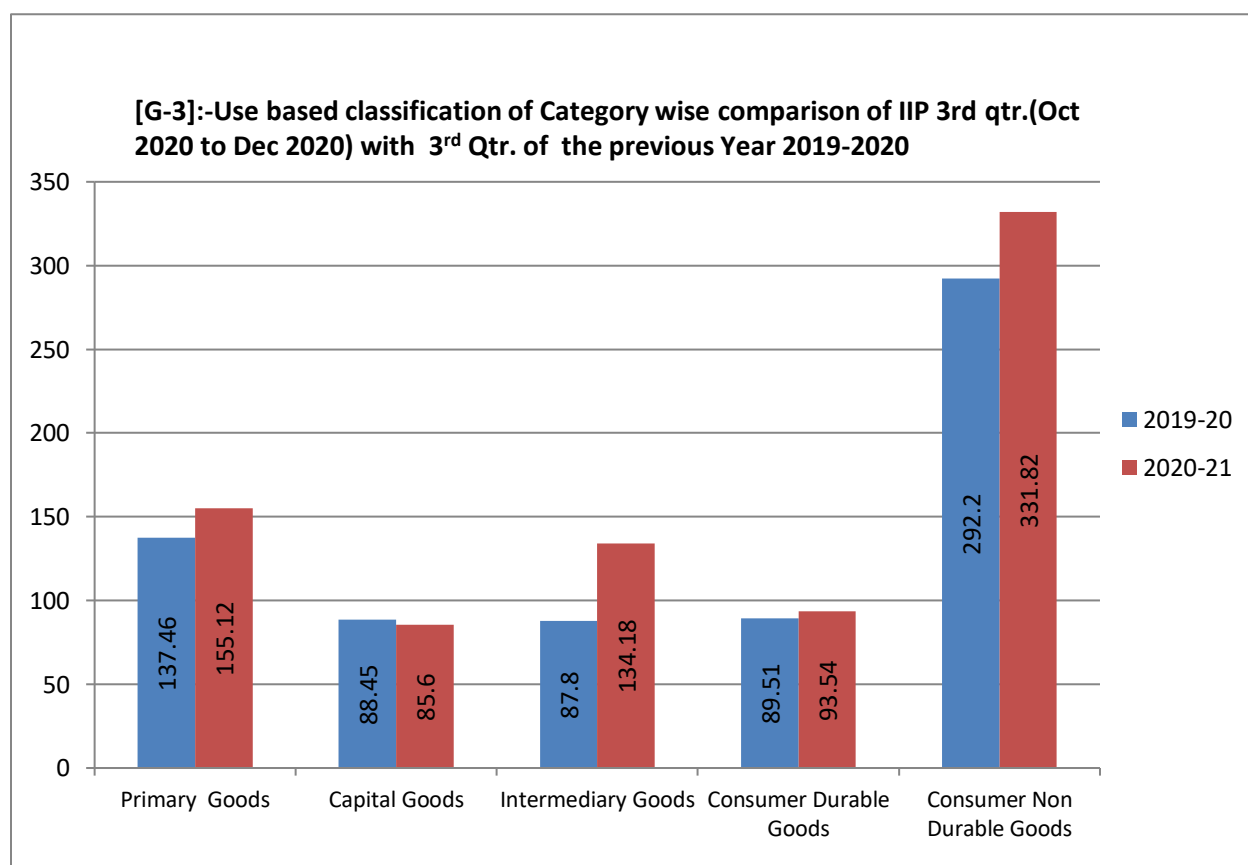
Different industries have been classified on the basis of uses of items produced by these industries to capture the performance of different industrial groups. On the analogy of the use based classification adopted by MOSPI (National Statistics Office), item basket of production has been classified into 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.

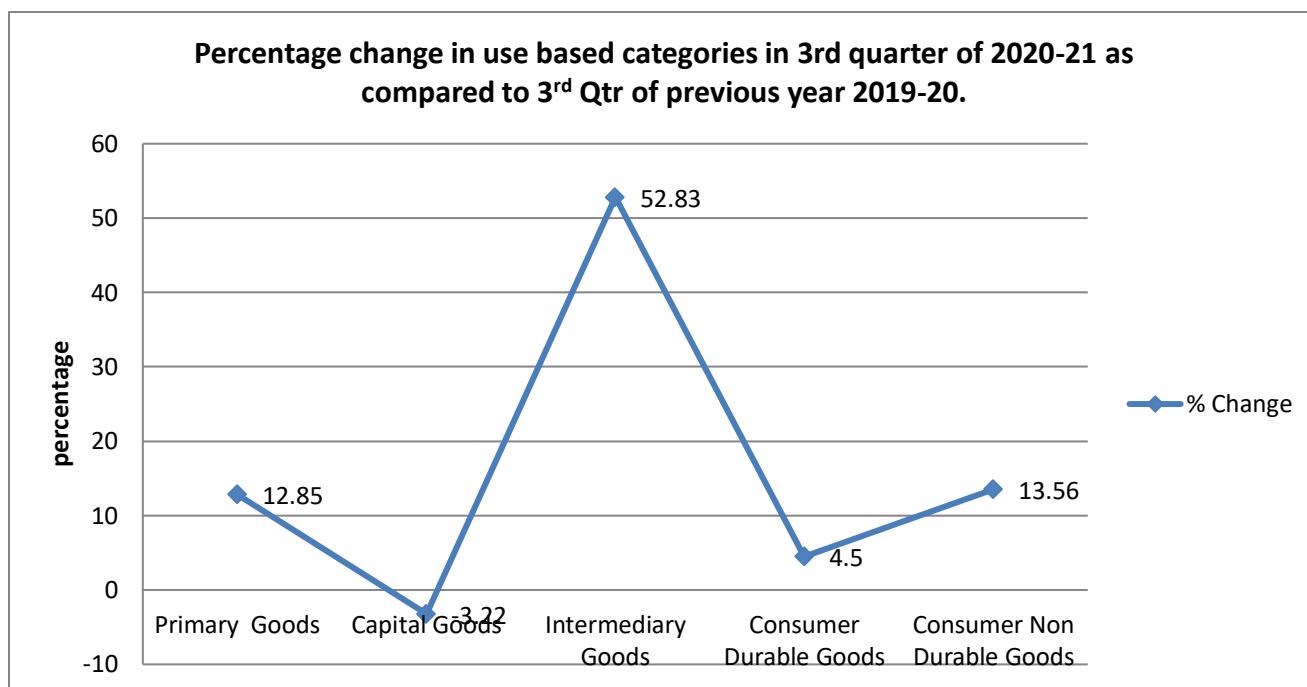
Detail of Index of Industrial Production with the Use-Based classification is depicted in Table 6. It is evident that in the 3<sup>rd</sup> quarter of CFY 2020-21, Four groups namely Intermediary Goods and Consumer Non-Durable Goods, Primary goods, Consumer Durable goods have exhibited a growth in production index by 52.83% , 13.56% , 12.85% and 4.50% respectively from the corresponding period of previous year, i.e. 2019-20. The overall growth 11.14% is observed in the use based classification of items of production.



**Table 6: Use based classification of Category wise comparison of IIP 3<sup>rd</sup> Qtr. (2020-21) with corresponding period of 3<sup>rd</sup> Qtr previous year 2019-20.**

Category	Weight	Used Base Index(I) * 100								
		Oct-2019	Nov-2019	Dec-2019	Oct-2020	Nov-2020	Dec-2020	Average (3 <sup>rd</sup> Qtr)		% Increase./ Decrease
								2019-20	2020-21	
Primary Goods	432.21	156.31	128.47	127.60	153.15	155.87	156.34	137.46	155.12	12.85
Capital Goods	163.48	78.79	97.29	89.27	89.24	71.35	96.22	88.45	85.60	-3.22
Intermediary Goods	20.59	73.27	66.02	124.11	153.54	119.41	129.59	87.80	134.18	52.83
Consumer Durable Goods	184.7	75.22	89.93	103.39	100.86	83.65	96.11	89.51	93.54	4.50
Consumer Non Durable Goods	199.02	295.96	274.15	306.47	447.77	239.34	308.35	292.20	331.82	13.56
Overall	1000	154.75	143.96	152.39	191.69	144.58	165.09	150.37	167.12	11.14





**Table 7: Use-Based Classification of category wise comparison of IIP 2nd Qtr. (July to Sep-20) with 3<sup>rd</sup> Qtr. (Oct. 2020- Dec 2020) of current year.**

Category	Weight	Used Base Index(I) * 100								
		Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Average		% Increase/ Decrease
								2020-21 (2nd Qtr)	2020-21 (3rd Qtr)	
Primary Goods	432.21	146.04	128.19	114.21	153.15	155.87	156.34	129.48	155.12	19.80
Capital Goods	163.48	79.45	71.02	88.5	89.24	71.35	96.22	79.66	85.60	7.46
Intermediary Goods	20.59	156.79	149.76	128.46	153.54	119.41	129.59	145.01	134.18	-7.47
Consumer Durable Goods	184.7	65.92	72.76	76.5	100.86	83.65	96.11	71.73	93.54	30.40
Consumer Non Durable Goods	199.02	324.12	325.09	317.41	447.77	239.34	308.35	322.21	331.82	2.98
Overall	1000	156.02	148.24	143.78	191.69	144.58	165.09	149.35	167.12	11.90

Index of Industrial Production with the Use-Based classification is depicted in Table 7. It is evident that in the 3<sup>rd</sup> quarter of CFY 2020-21, Four groups namely, Primary Goods, Consumer Durable goods ,Consumer Non Durable goods, Capital goods have exhibited a positive growth in production index by 19.80%, 30.40%, 2.98% and 7.46% respectively as compare to the 2<sup>nd</sup> quarter of 2020-21. The overall increase of 11.90% in the use based classification of items of production.