



**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**



**INDEX OF  
INDUSTRIAL PRODUCTION  
3<sup>rd</sup> Quarter (October – December 2021)  
BASE YEAR: (2011-12)**

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



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**BASE YEAR: (2011-12=100)**

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VIKAS BHAWAN –II, 3<sup>rd</sup> FLOOR, “ B ”WING  
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**GOVT. OF NCT OF DELHI  
(DIRECTORATE OF ECONOMICS & STATISTICS)**

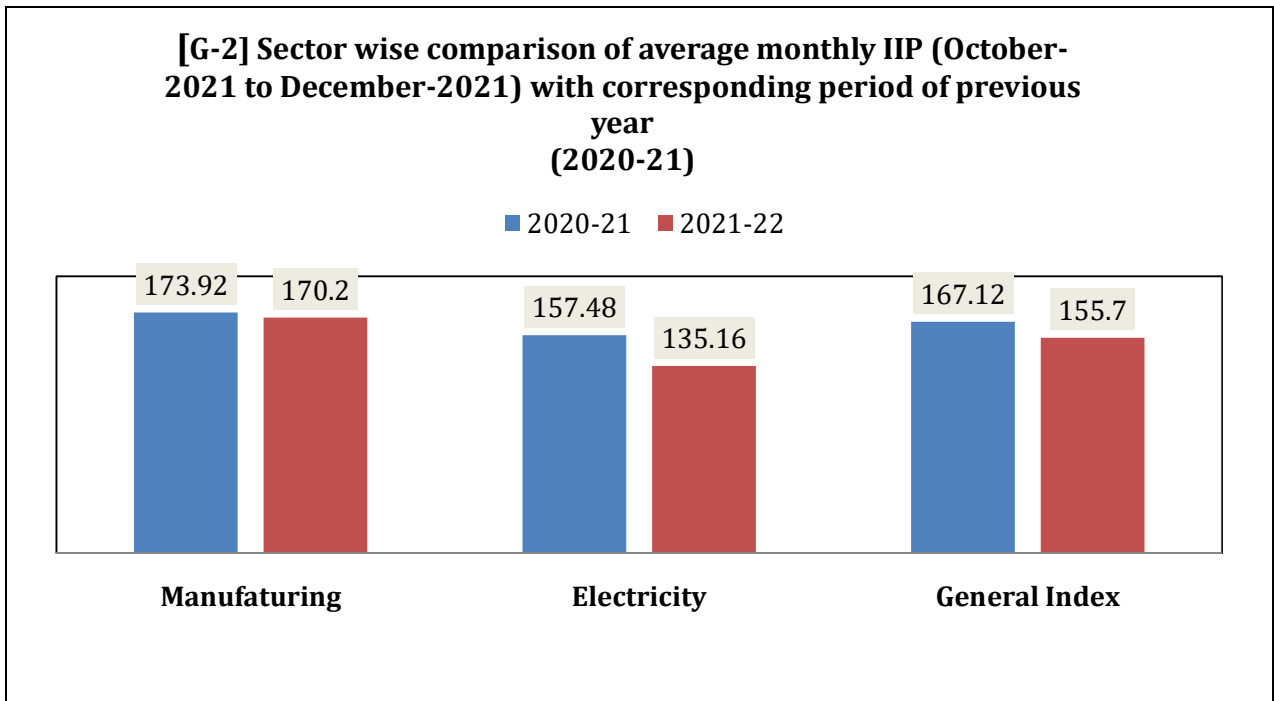
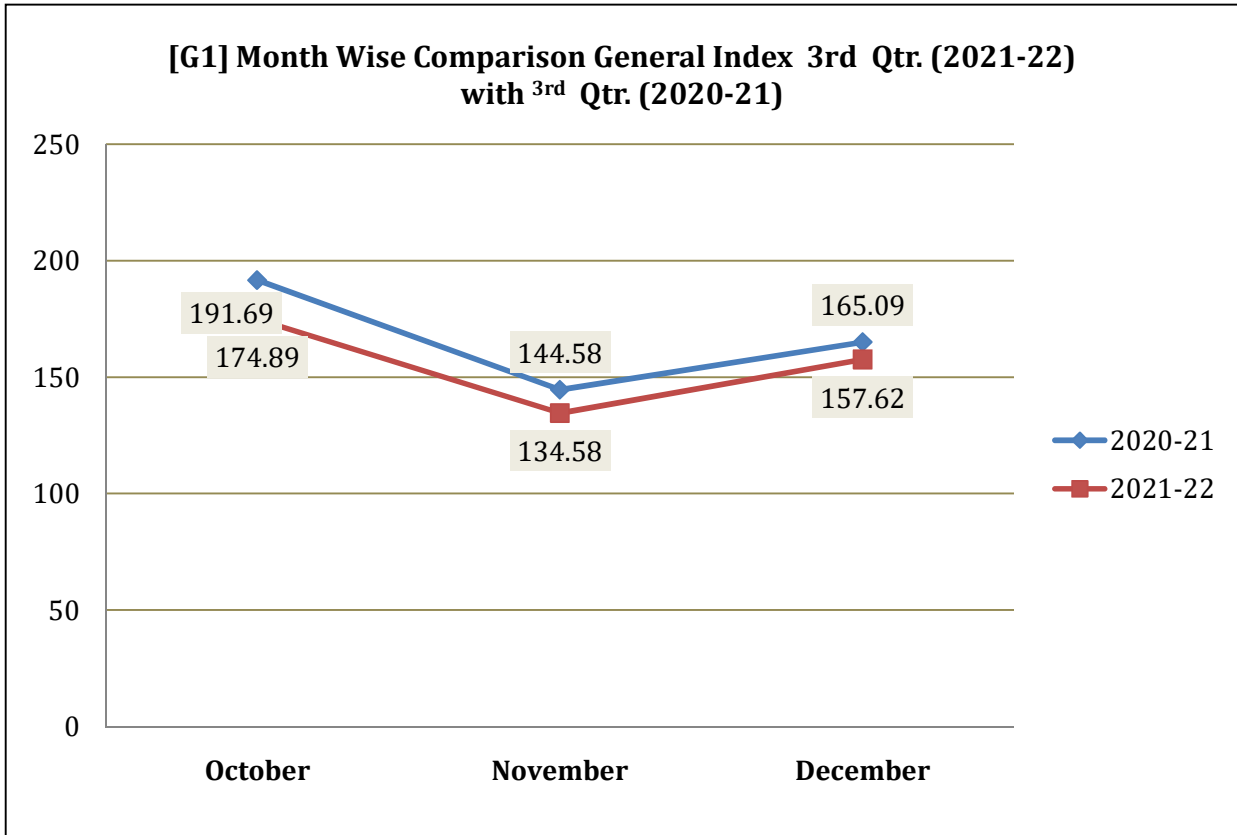
**IIP UNIT  
(INDEX OF INDUSTRIAL PRODUCTION)  
(3<sup>rd</sup> Quarter October 2021-December 2021)**

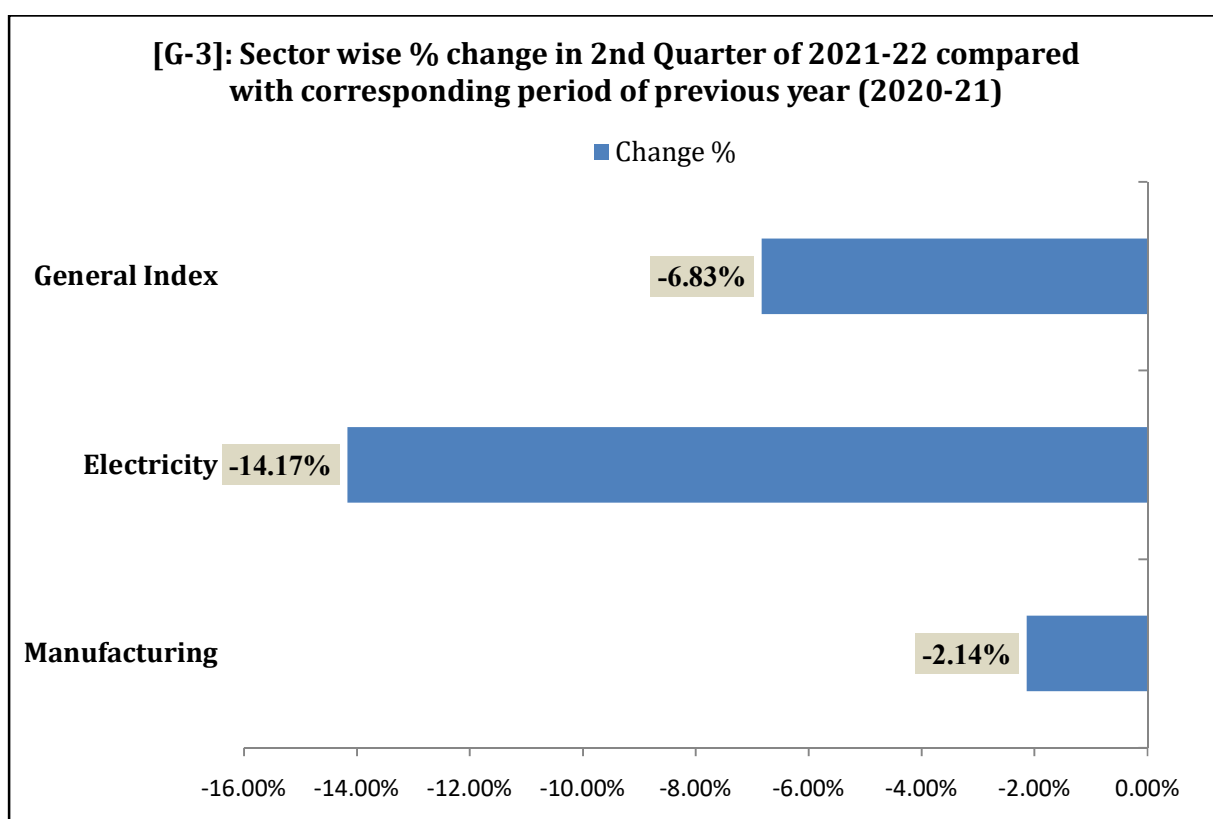
**(Base Year: 2011-12=100)**

**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 3<sup>rd</sup> 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 3<sup>rd</sup> quarter (October 21 to December 21) of financial year 2021-22 has been compiled and the same is presented below.

<b>Table 1: Sector wise comparison of IIP 3<sup>rd</sup> Qtr. October to Dec 2021-22) with 3<sup>rd</sup> Qtr. 2020-21</b>						
<b>Sector (weight)</b>	<b>Manufacturing (58.61%)</b>		<b>Electricity (41.39%)</b>		<b>General Index (100%)</b>	
<b>Month</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2020-21</b>	<b>2021-22</b>
<b>October</b>	217.47	175.41 (-19.34%)	155.18	174.16 (12.23%)	191.69	174.89 (-8.76%)
<b>November</b>	133.99	147.40 (10.01%)	159.56	116.43 (-27.03%)	144.58	134.58 (-6.92%)
<b>December</b>	170.30	187.78 (10.26%)	157.71	114.90 (-27.14%)	165.09	157.62 (-4.52%)
<b>Average of three months</b>						
<b>October-December</b>	<b>173.92</b>	<b>170.20</b> (-2.14%)	<b>157.48</b>	<b>135.16</b> (-14.17%)	<b>167.12</b>	<b>155.70</b> (-6.83%)
<b>*Figures in parenthesis indicates Growth or Decline over the corresponding period of previous year</b>						





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

**Table 2: Comparison of 3<sup>rd</sup> Quarter (October to December 2021-22) with the corresponding period of previous year i.e., (2020-21) of Delhi with All India Index of Industrial Production.**

	Manufacturing			Electricity			General index		
	October-December			October-December			October-December		
	(2020-21)	(2021-22)	Change %	(2020-21)	(2021-22)	Change %	(2020-21)	(2021-22)	Change%
Delhi	173.92	170.20	-2.14%	157.48	135.16	-14.17%	167.12	155.70	-6.83%
All India	133.16	134.8	1.23%	155	159.23	2.73%	131.23	133.73	1.91%

**1.3 Key findings on Index of Industrial production (IIP) during the 3<sup>rd</sup> Quarter October, 2021 to December, 2021 are as follows:**

- The 3<sup>rd</sup> Quarter General Index of Industrial Production 2021-22 is 155.70 indicating 6.83 % decline from the corresponding period of previous year 2020-21 i.e., 167.12 in Delhi as compared to 1.91% increase in the corresponding period at All India Level.
- The manufacturing sector has decreased from 173.92 in the corresponding period of previous year to 170.20 indicating negative growth of 2.14% in Delhi as compared to 1.23% increase in the corresponding period of All India Level.
- The Electricity Sector of Index of Industrial Production has decreased from 157.48 in the corresponding period of previous year to 135.16 indicating a decrease of 14.17% in Delhi as compared to 2.73% increase in the corresponding period at All India Level.
- It is further mentioned that in Delhi, there is only one unit for Electricity Sector and any effect in its production for any reason directly affects the Index of Industrial Production for Electricity Sector at State Level. The decline in the production of electricity in Delhi is due to less scheduling given to the unit of IIP Sector by State Load Dispatch Centre (an apex body for the smooth operation of Electricity in Delhi). The scheduling is done on the basis of power demand, available resources, merit order dispatch and grid stability for optimum, stable and economic operation of power plant.

<b>Table 3: Sector wise comparison of IIP of Delhi October to December (2021-22) with July to September (2021-22)</b>									
<b>Sector</b>	<b>2021-22(2<sup>nd</sup> Quarter)</b>				<b>2021-22(3<sup>rd</sup> Quarter)</b>				<b>Change %</b>
	<b>Jul.</b>	<b>Aug.</b>	<b>Sep.</b>	<b>(Jul. to Sep.)</b>	<b>Oct.</b>	<b>Nov.</b>	<b>Dec.</b>	<b>(Oct. to Dec.)</b>	
				<b>Average</b>				<b>Average</b>	
<b>Manufacturing</b>	192.73	142.96	163.46	<b>166.38</b>	175.41	147.4	187.78	<b>170.20</b>	<b>2.30</b>
<b>Electricity</b>	126.12	137.93	114.23	<b>126.09</b>	174.16	116.43	114.9	<b>135.16</b>	<b>7.19</b>
<b>General Index</b>	165.16	140.88	143.08	<b>149.71</b>	174.89	134.58	157.62	<b>155.70</b>	<b>4.00</b>

**1.4 The salient features of IIP for 3<sup>rd</sup> Quarter (October 21to December 21) of F.Y. 2021-22 with the 2<sup>nd</sup> Quarter (July 21to September 21) of Delhi for F.Y. 2021-22 are as follows:**

- 2.30% surge was witnessed in Manufacturing sector of Delhi for 3<sup>rd</sup> quarter 2021-22 (October to December 2021) as compared with the 2<sup>nd</sup> quarter 2021-22 (July to September 2021).
- 7.19% increase exhibited in Electricity sector of Delhi for 3<sup>rd</sup> quarter 2021-22 (October to December 2021) as compared with the 2<sup>nd</sup> quarter 2021-22 (July to September 2021).
- 4.00% overall increase was recorded in General Index of Delhi for 3<sup>rd</sup> quarter 2021-22 (October to December 2021) as compared with the 2<sup>nd</sup> quarter 2021-22 (July to September 2021).

**Table 4: Sector wise comparison of IIP of All India October to December (2021-22) with July to September(2021-22)**

Sector	2021-22(2 <sup>nd</sup> Quarter)				2021-22 (3 <sup>rd</sup> Quarter)				Change %
	Jul.	Aug.	Sep.	(Jul. to Sep.)	Oct.	Nov.	Dec.	(Oct. to Dec.)	
				Average				Average	
<b>Manufacturing</b>	131	131.9	131.9	<b>131.6</b>	136.1	129.5	138.8	<b>134.8</b>	<b>2.43</b>
<b>Electricity</b>	184.7	188.7	167.9	<b>180.43</b>	167.3	147.9	162.5	<b>159.23</b>	<b>-11.75</b>
<b>General Index</b>	131.5	132.4	129.5	<b>131.13</b>	134.8	128.4	138	<b>133.73</b>	<b>1.98</b>

- Manufacturing and General Index in All India IIP exhibited a nominal growth in IIP of 2.43% and 1.98% respectively whereas Electricity is declined by 11.75%.



**Table 5: Comparison of IIP of 9 months (2021-22) with corresponding period of previous year  
2020-21 at State Level**

Sector	Qtr. 1 (APR TO JUN 2020- 21)	Qtr. 2 (JUL TO SEP. 2020-21)	Qtr. 3 (OCT. TO DEC. 2020-21)	Avg of 3 Qtrs	Qtr. 1 (APR TO JUN 2021- 22)	Qtr. 2 (JUL TO SEP. 2021- 22)	Qtr. 3 (Oct. TO Dec 2021-22)	Avg of 3 Qtrs	% Diff.
<b>Manufacturing</b>	74.61	164	175.73	138.11	124.13	166.39	170.2	153.57	11.19
<b>Electricity</b>	137.37	131.76	157.48	142.20	145.01	126.09	135.16	135.42	-4.77
<b>General Index</b>	100.59	150.66	168.18	139.81	132.77	149.71	155.7	146.06	4.47

**1.5 The salient features of IIP for the average of combined three Quarters (April 21 to December 21) of F.Y. 2021-22 with the average of combined quarters of respective period of F.Y. 2020-21 of Delhi are as follows:**

- 11.19% increase was witnessed in Manufacturing sector of Delhi for the combined average of three quarters of F.Y. 2021-22 (Apr. to Dec. 2021) as compared with the combined average of three quarters of F.Y. 2020-21 (Apr to Dec 2020).
- 4.77% decrease can be seen in the combined average of three quarters of F.Y. 2021-22 as compared with the respective period of the F.Y. 2020-21.
- 4.47% overall increase was recorded in General Index of Delhi for the combined average of three quarters of F.Y. 2021.22 as compared with respective period of the F.Y. 2020-21.

**Table 6: Comparison of IIP of 9 months (2021-22) with corresponding period of previous year 2020-21 at All India Level**

<b>Sector</b>	<b>Qtr. 1 (APR TO JUN 2020-21)</b>	<b>Qtr. 2 (JUL TO SEP 2020- 21)</b>	<b>Qtr. 3 (OCT. TO DEC. 2020- 21)</b>	<b>Avg of 3 Qtrs</b>	<b>Qtr. 1 (APR TO JUN 2021-22)</b>	<b>Qtr. 2 (JUL TO SEP. 2021- 22)</b>	<b>Qtr. 3 (Oct. TO Dec 2021- 22)</b>	<b>Avg of 3 Qtrs</b>	<b>% Diff</b>
<b>Manufacturing</b>	77.86	121.23	133.16	110.75	119.1	131.6	134.8	128.5	16.03
<b>Electricity</b>	144.13	165.13	155	154.75	168.33	180.43	159.23	169.33	9.42
<b>General Index</b>	84.03	119.73	131.23	111.66	121.33	131.13	133.73	128.73	15.28

- Manufacturing, Electricity and General Index for the combined average of three quarters shows growth in IIP of 16.03%, 9.42% and 15.28% as compared with the combined average of three quarters for the FY. 2020-21 at All India level.

<b>Table 7 : Index of Industrial Production at 2 Digit level of NIC 2008 (Base Year 2011-12=100) for 3<sup>rd</sup> quarter of 2021-22 &amp; 2020-21</b>											
NIC-2 Digit	Description	Weight	2020-21				2021-22				Change %
			Oct.	Nov.	Dec.	Average	Oct.	Nov.	Dec.	Average	
10	Manufacture of food products	143.18	585.63	313.52	404.16	<b>434.44</b>	419.60	327.54	419.69	<b>388.94</b>	<b>-10.47%</b>
11	Manufacture of beverages	0.46	79.75	63.39	70.10	<b>71.08</b>	69.05	63.99	67.17	<b>66.74</b>	<b>-6.11%</b>
12	Manufacture of tobacco products	3.33	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	<b>0.00%</b>
13	Manufacture of textiles	13.74	108.00	76.59	74.81	<b>86.46</b>	73.19	71.27	89.33	<b>77.93</b>	<b>-9.87%</b>
14	Manufacture of wearing apparel	102.3	82.07	62.42	69.49	<b>71.33</b>	78.86	81.16	95.01	<b>85.01</b>	<b>19.18%</b>
15	Manufacture of leather and related products	23.25	125.58	110.74	122.80	<b>119.71</b>	127.01	114.00	135.90	<b>125.64</b>	<b>4.96%</b>
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and painting materials	1.14	706.70	202.14	471.23	<b>460.02</b>	197.95	417.79	250.32	<b>288.69</b>	<b>-37.24%</b>
17	Manufacture of paper and paper products	5.13	136.35	120.15	138.19	<b>131.56</b>	151.60	123.86	174.74	<b>150.07</b>	<b>14.07%</b>
18	Printing and reproduction of recorded media	34.93	108.20	38.77	68.64	<b>71.87</b>	45.23	58.18	74.57	<b>59.33</b>	<b>-17.45%</b>
19	Manufacture of coke and refined petroleum products	0.57	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	<b>0.00%</b>
20	Manufacture of chemicals and chemical products	24.62	90.30	60.36	97.12	<b>82.59</b>	112.11	101.84	95.06	<b>103.00</b>	<b>24.71%</b>
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	24.46	47.42	53.34	58.29	<b>53.02</b>	35.47	81.31	180.51	<b>99.10</b>	<b>86.92%</b>
22	Manufacture of rubber and plastics products	13.18	34.50	37.99	63.55	<b>45.35</b>	61.08	65.45	79.20	<b>68.58</b>	<b>51.24%</b>
23	Manufacture of other non-metallic mineral products	1	21.38	7.83	0.44	<b>9.88</b>	0.00	0.00	0.00	<b>0.00</b>	<b>-100.00%</b>
24	Manufacture of Basic Metals	13.11	307.73	248.39	303.55	<b>286.55</b>	305.32	259.49	306.94	<b>290.59</b>	<b>1.41%</b>
25	Manufacture of fabricated metal products, except machinery and equipment	26.69	77.81	65.79	111.69	<b>85.10</b>	86.66	79.66	118.53	<b>94.95</b>	<b>11.58%</b>
26	Manufacture of computer, electronic and optical products	29.87	46.34	60.86	98.97	<b>68.72</b>	116.77	105.75	116.37	<b>112.96</b>	<b>64.37%</b>
27	Manufacture of electrical equipment	35.87	134.92	79.42	115.83	<b>110.06</b>	87.58	55.92	62.07	<b>68.52</b>	<b>-37.74%</b>
28	Manufacture of machinery and equipment n.e.c.	26.92	143.59	115.91	123.60	<b>127.70</b>	134.30	154.25	238.90	<b>175.82</b>	<b>37.68%</b>
29	Manufacture of motor vehicles, trailers and semi-trailers	45.79	21.79	27.14	36.68	<b>28.53</b>	60.06	26.73	44.51	<b>43.77</b>	<b>53.39%</b>
30	Manufacture of other transport equipment	2.7	177.21	134.83	138.69	<b>150.24</b>	134.83	146.39	161.80	<b>147.67</b>	<b>-1.71%</b>
31	Manufacture of furniture	2.28	240.92	255.78	252.48	<b>249.72</b>	488.78	135.48	114.85	<b>246.37</b>	<b>-1.34%</b>
32	Other manufacturing	11.58	293.66	268.79	223.86	<b>262.10</b>	247.36	194.61	188.88	<b>210.28</b>	<b>-19.77%</b>
	<b>Manufacturing</b>	<b>586.1</b>	217.47	133.99	170.30	<b>173.92</b>	175.41	147.40	187.78	<b>170.20</b>	<b>-2.14%</b>
	<b>Electricity</b>	<b>413.9</b>	155.18	159.56	157.71	<b>157.48</b>	174.16	116.43	114.90	<b>135.16</b>	<b>-14.17%</b>
	<b>General Index</b>	<b>1000</b>	191.69	144.58	165.09	<b>167.12</b>	174.89	134.58	157.62	<b>155.70</b>	<b>-6.83%</b>

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

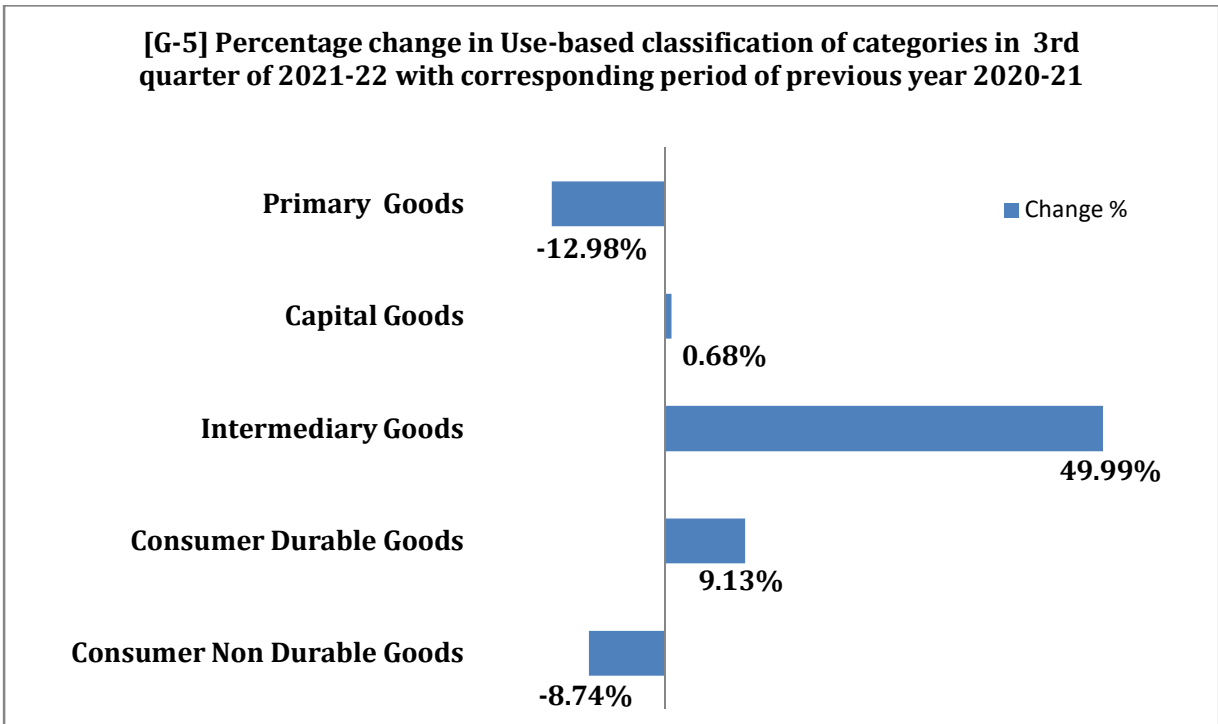
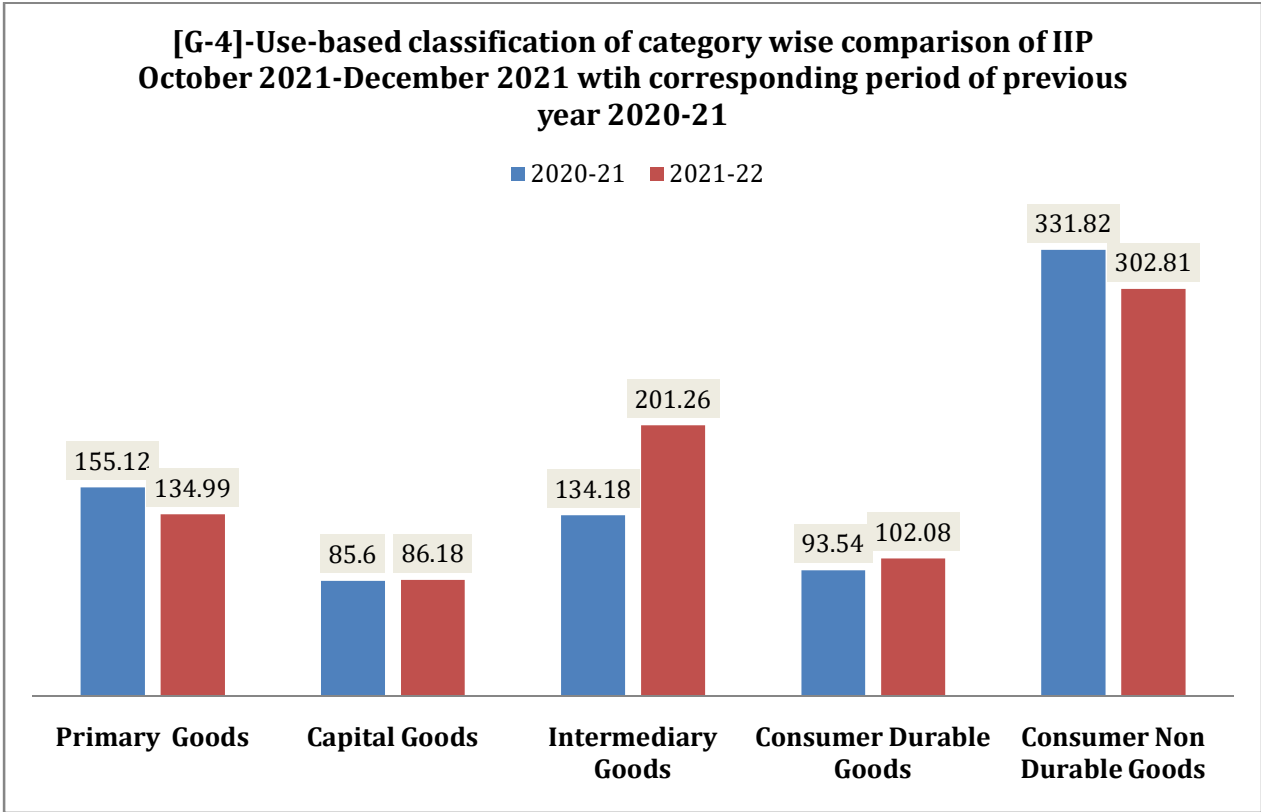
- In manufacturing sector, 11 groups out of 23 groups at NIC-2 digit level were showing positive growth in Index of Industrial Production in the 3<sup>rd</sup> Qtr. of 2021-22 as compared to 3<sup>rd</sup> Qtr. of 2020-21.
- Out of these 11 groups on the basis of weight assigned to NIC groups (at 2-digit Level), Manufacture of wearing apparel (NIC-14) with weight of (102.3), Manufacture of leather and related products (NIC-15) with weight of (23.25), Manufacture of paper and paper products (NIC-17) with weight (5.13), Manufacture of chemicals and chemical products (NIC-20) with weight (24.62), Manufacture of pharmaceuticals, medicinal chemical and botanical products (NIC-21) with weight 24.46, Manufacture of rubber and plastic products (NIC-22) with weight of (13.18), Manufacture of basic metals(NIC-24) with weight 13.11, Manufacture of fabricated metal products except machinery and equipment(NIC-25) with weight 26.69, Manufacture of computer, electronic and optical products(NIC-26) with weight 29.87, Manufacture of machinery and equipment n.e.c. (NIC-28) with weight of 26.92, Manufacture of motor vehicles, trailers and semi trailers(NIC-29) with weight 45.79 have had an greater impact on boosting the overall IIP of manufacturing sector whereas 10 groups among which mainly, Manufacture of food products (NIC-10) with weight 143.18, Manufacture of beverages(NIC-11) with weight (0.46), Manufacturing of textiles (NIC-13) with weight of (13.74), Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and painting materials(NIC-16) with weight 1.14, Printing and reproduction of recorder media(NIC-18) with weight 34.93, Manufacture of other Non-metallic mineral products (NIC-23) with weight of (1), Manufacture of electrical equipment (NIC -27) with weight of (35.87), Manufacture of other transport equipment(NIC-30) with weight of (2.70) and Manufacture of furniture (NIC-31) with weight of 2.28 and other manufacturing (NIC-32) with weight of 11.58 had a negative contribution in IIP during the 3<sup>rd</sup> Qtr of 2021-22 as compared to 3<sup>rd</sup> Qtr of 2020-21.
- Manufacture of pharmaceuticals, medicinal chemical and botanical products (NIC-21) with weight of (24.46) has shown highest growth of 86.52% in IIP during 3<sup>rd</sup> quarter of 2021-22 as compared to 3<sup>rd</sup> Quarter of 2020-21.
- Some 40 manufacturing units have closed/shifted or recorded zero production in 3<sup>rd</sup> quarter of FY 2021-22 whereas the count was 31 in the same quarter of the previous year (2020-21).

➤ **1.7 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 8. It is evident that in the 3<sup>rd</sup> quarter of FY 2021-22, three groups, namely, Capital Goods, Intermediary Goods and Consumer Durable Goods have exhibited a positive growth in production index by 0.68%, 49.99% and 9.13% respectively from the corresponding period of previous year, i.e. 2020-21. Whereas, two groups, namely Primary Goods and Consumer Non Durable Goods indicates decline with respect to previous year in the corresponding period by 12.98 % and 8.74% respectively.

<b>Table 8: Use based classification of Category wise comparison of IIP 2<sup>nd</sup> Qtr. (2021-22) with corresponding period of previous year 2020-21.</b>										
Category	Weight	Used Base Index(I) * 100								Change %
		2020-21				2021-22				
		Oct.	Nov.	Dec.	Average	Oct.	Nov.	Dec.	Average	
<b>Primary Goods</b>	432.21	153.15	155.87	156.34	<b>155.12</b>	172.72	117.04	115.20	<b>134.99</b>	<b>-12.98</b>
<b>Capital Goods</b>	163.48	89.24	71.35	96.22	<b>85.6</b>	91.67	74.76	92.12	<b>86.18</b>	<b>0.68</b>
<b>Intermediary Goods</b>	20.59	153.54	119.41	129.59	<b>134.18</b>	143.76	170.89	289.12	<b>201.26</b>	<b>49.99</b>
<b>Consumer Durable Goods</b>	184.7	100.86	83.65	96.11	<b>93.54</b>	103.90	93.83	108.52	<b>102.08</b>	<b>9.13</b>
<b>Consumer Non Durable Goods</b>	199.02	447.77	239.34	308.35	<b>331.82</b>	317.06	255.88	335.50	<b>302.81</b>	<b>-8.74</b>
<b>Overall</b>	<b>1000</b>	<b>191.69</b>	<b>144.58</b>	<b>165.09</b>	<b>167.12</b>	<b>174.89</b>	<b>134.58</b>	<b>157.62</b>	<b>155.70</b>	<b>-6.83</b>



<b>Table 9: Use-Based Classification of category wise comparison of IIP 3<sup>rd</sup> Qtr. (October to December-21-22) with 2<sup>nd</sup> Qtr. (July to September-21-22)</b>										
Category	Weight	Used Base Index(I) * 100								
		2021-22 (2 <sup>nd</sup> Quarter)				2021-22 (3 <sup>rd</sup> Quarter)				Change %
		Jul.	Aug.	Sep.	Average	Oct.	Nov.	Dec.	Average	
<b>Primary Goods</b>	432.21	127.41	137.50	113.97	<b>126.29</b>	172.72	117.04	115.20	<b>134.99</b>	<b>6.89</b>
<b>Capital Goods</b>	163.48	100.67	89.83	86.65	<b>92.38</b>	91.67	74.76	92.12	<b>86.18</b>	<b>-6.71</b>
<b>Intermediary Goods</b>	20.59	117.71	132.29	152.95	<b>134.32</b>	143.76	170.89	289.12	<b>201.26</b>	<b>49.83</b>
<b>Consumer Durable Goods</b>	184.7	100.91	99.57	103.82	<b>101.43</b>	103.90	93.83	108.52	<b>102.08</b>	<b>0.64</b>
<b>Consumer Non Durable Goods</b>	199.02	364.66	229.37	288.08	<b>294.04</b>	317.06	255.88	335.50	<b>302.81</b>	<b>2.98</b>
<b>Overall</b>	<b>1000</b>	<b>165.16</b>	<b>140.88</b>	<b>143.08</b>	<b>149.71</b>	<b>174.89</b>	<b>134.58</b>	<b>157.62</b>	<b>155.70</b>	<b>4.00</b>

Index of Industrial Production with the Use-Based classification is depicted in Table 9. It is evident that in the 3<sup>rd</sup> quarter of FY 2021-22, groups, namely, Consumer Durable Goods, primary Goods, Consumer Non-Durable Goods and Intermediary Goods have exhibited a positive growth in production index by 0.64%, 6.89%, 2.98% and 49.83% respectively over the 2<sup>nd</sup> quarter, 2020-21. Only one group namely, Capital Goods show negative growth of 6.71%.