

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI



INDEX OF

INDUSTRIAL PRODUCTION

2020-21

2nd Quarter (July 2020- Sept. 2020)

BASE YEAR: (2011-12)

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

IIP UNIT
(INDEX OF INDUSTRIAL PRODUCTION)
(2nd Quarter July 2020-Sept 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 2nd quarter July 2020 to Sept 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 NIC-2008. The methodology adopted to calculate the Index the Index of Industrial Production (IIP) is attached at Annexure I.

1.2 Although, the IIP had been compiled on monthly basis but in practice it was being released annually/quarterly in previous years. Now the index for the 2nd quarter (July 20 to Sep 20) of financial year 2020-21 has been compiled and same is presented below.

Table 1: Sector wise comparison of IIP 2nd Qtr. (July to Sept.) 2019-20 with 2nd Qtr. 2020-21.

Sector	Manufacturing		Electricity		General Index	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
July	150.94	160.92	187.41	149.09	166.03	156.02
Aug	159.46	160.93	173.75	130.26	165.37	148.24
Sept	171.17	163.45	203.53	115.93	184.56	143.78
Sector	160.52	161.77	188.23	131.76	171.99	149.35

Table 1A-Quarterly (July to September 2020-21 with April. to June 2020-21) Index of Industrial Production by Sectors:

Sector	2020-21				2020-21				% Change
	Apr-20	May-20	Jun-20	Avg	Jul-20	Aug-20	Sep-20	Avg	
Manufacturing	16.62	85.07	124.08	75.26	160.92	160.93	163.45	161.77	114.94
Electricity	108.70	151.71	151.71	137.37	149.09	130.26	115.93	131.76	-4.08
General Index	54.73	112.65	135.52	100.97	156.02	148.24	143.78	149.35	47.92

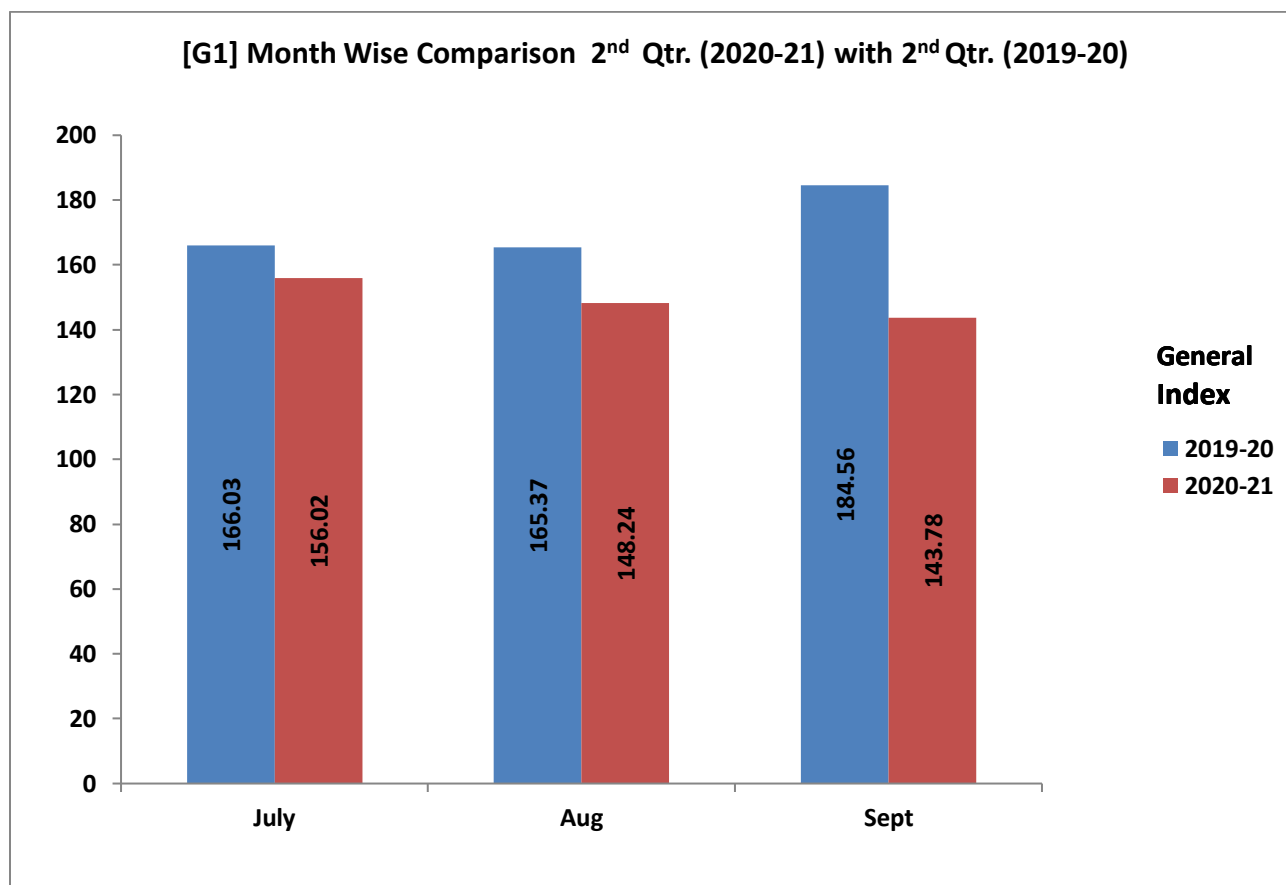


Table 2: Comparison of 2nd Quarter 2020-21 with the corresponding period of previous year 2019-20:

	Manufacturing			Electricity			General Index		
Month	2nd qtr 2019-20	2nd qtr 2020- 21	% Inc./Dec.	2nd qtr 2019-20	2nd qtr 2020-21	% Inc./Dec.	2nd qtr 2019- 20	2nd qtr 2020- 21	% Inc./Dec.
July	150.94	160.92	6.61	187.41	149.09	-20.45	166.03	156.02	-6.03
August	159.46	160.93	0.93	173.75	130.26	-25.03	165.37	148.24	-10.36
Sep	171.17	163.45	-4.51	203.53	115.93	-43.04	184.56	143.78	-22.10
Average	160.52	161.77	0.78	188.23	131.76	-30.00	171.99	149.35	-13.16

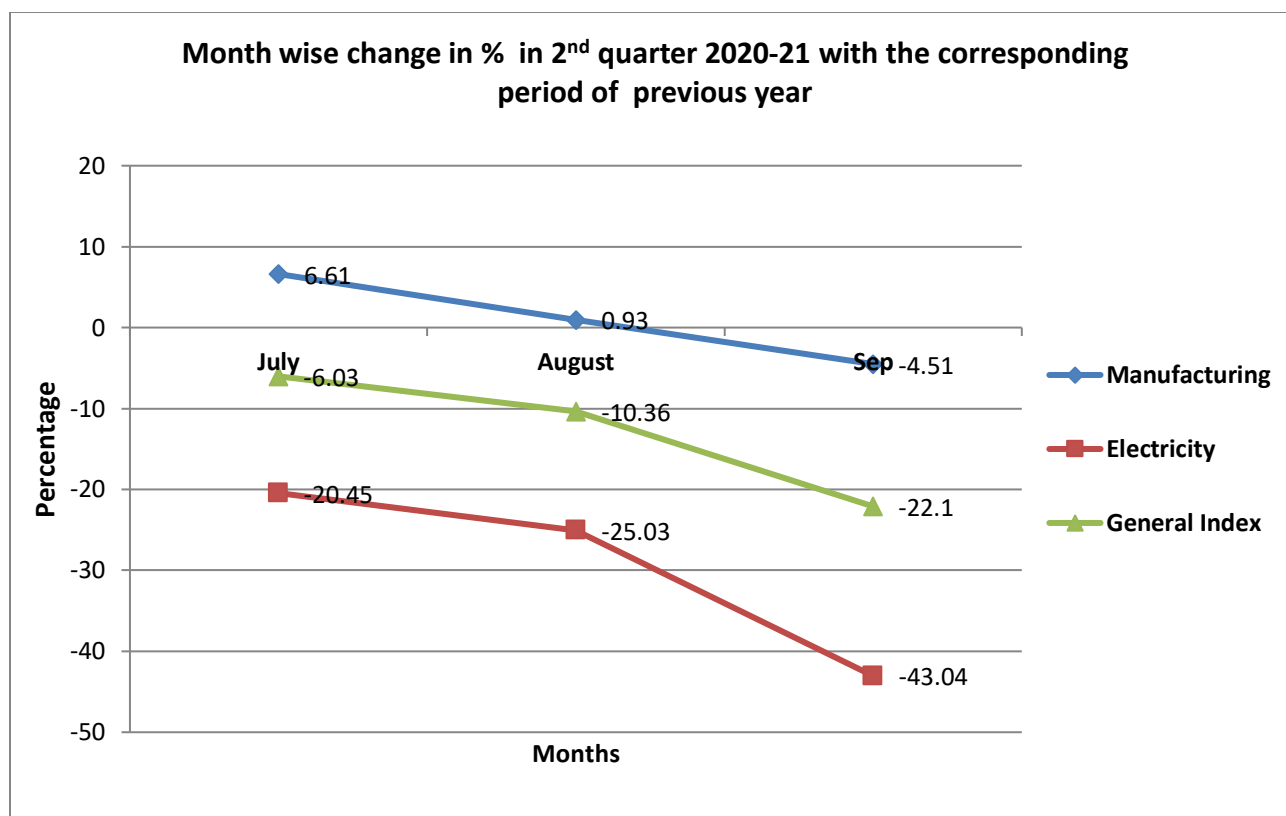
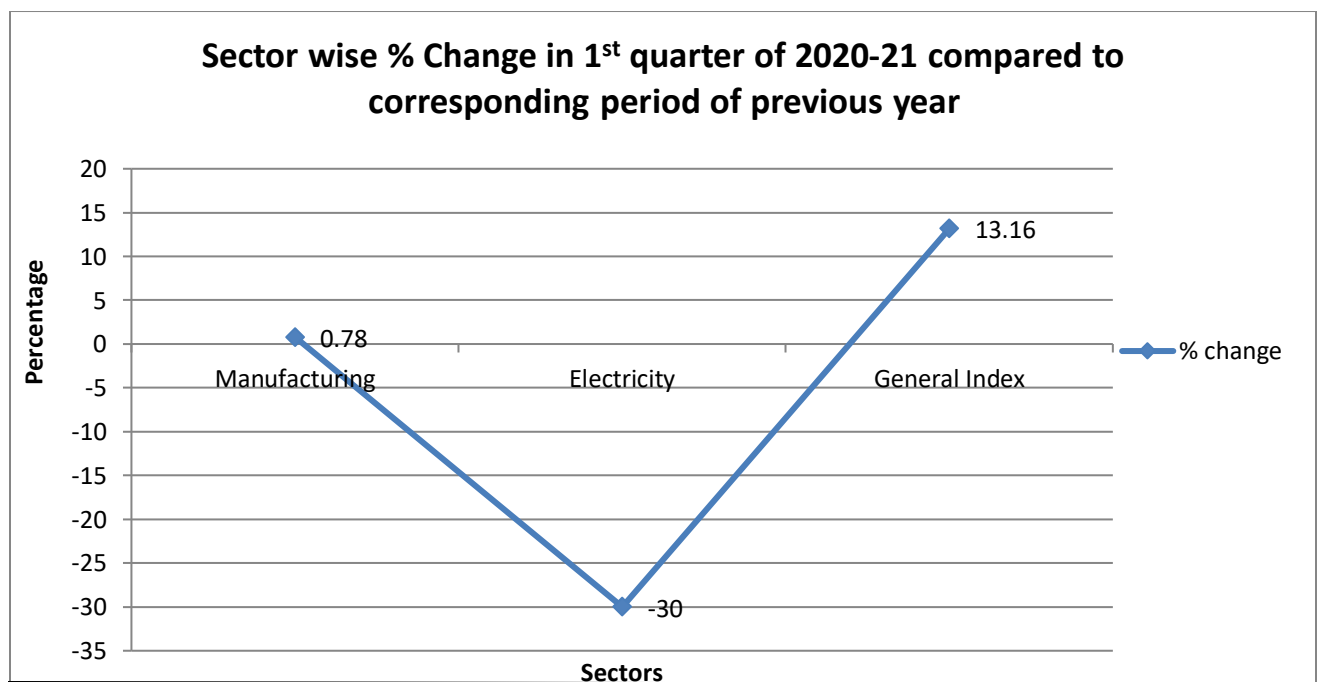
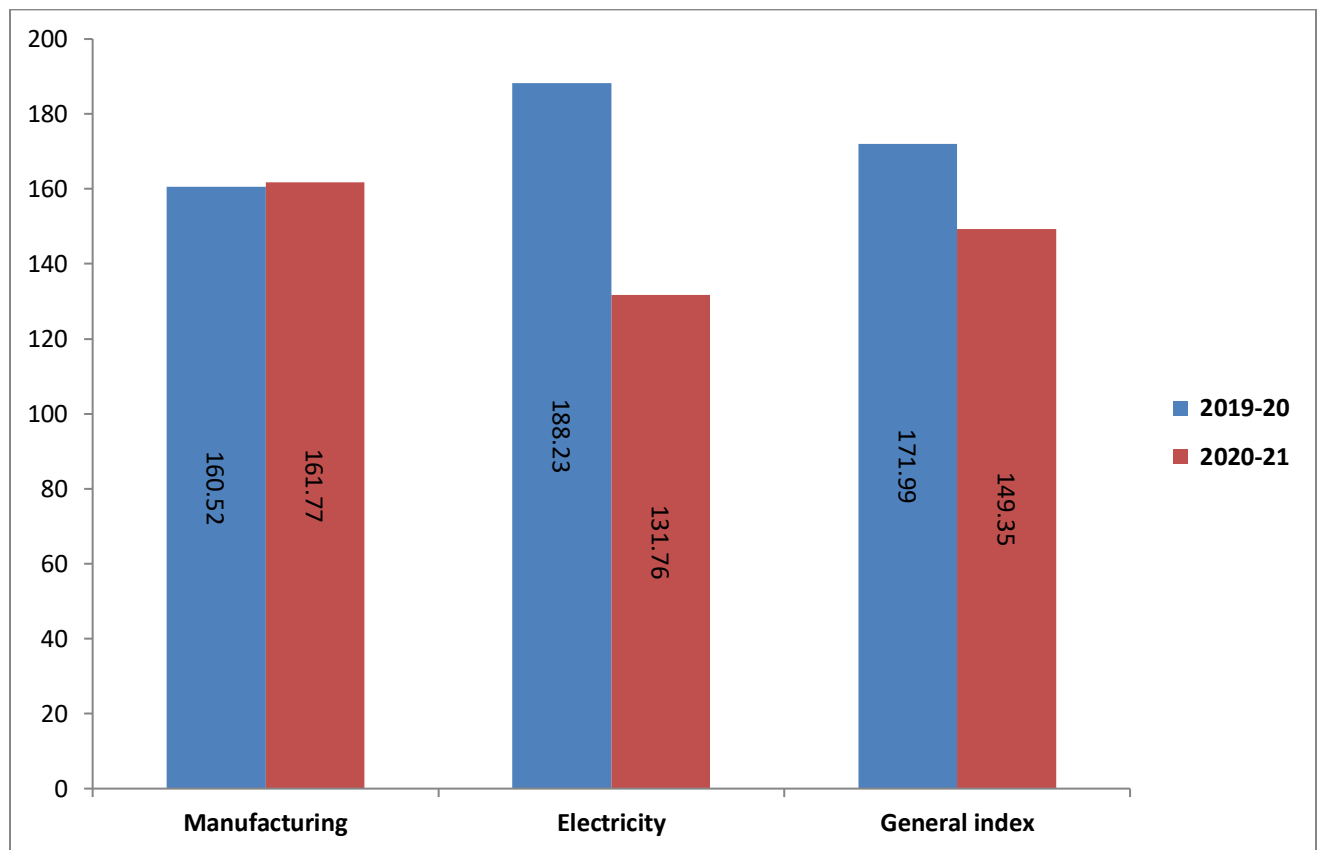


Table 3: Comparison of 2nd Quarter (July to Sept. 2020) with the corresponding period of previous year i.e. 2019-20 of Delhi with All India Index of Industrial Production.

	Manufacturing			Electricity			General index		
	July to Sept (2019-20)	July to Sept (2020-21)	% Incr./ Decr.	July to Sept (2019-20)	July to Sept (2020-21)	% Incr./ Decr.	July to Sept (2019-20)	July to Sept (2020-21)	% Incr./ Decr..
Delhi	160.52	161.77	0.78	188.23	131.76	-30.00	171.99	149.35	-13.16
All India	129.37	120.6	-6.78	164.97	165.13	0.10	126.97	119.23	-6.10

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



1.3 Key findings on Index of Industrial production (IIP) during the 2nd Quarter July, 2020 to Sept, 2020 are as follows:

- The General Index of Industrial Production has decreased from 171.99 in the corresponding period of previous year to 149.35 indicating a decline of 13.16% in Delhi as compared to 6.10% decrease in the corresponding period at All India Level.
- The Index of Industrial Production for manufacturing sector during the 2nd quarter of the current financial year 2020-21 has increased from 160.52 in the corresponding period of previous year 2019-20 to 161.77 indicating a growth of 0.69% in Delhi as compared to negative growth of 6.78% in the corresponding period at All India Level.
- The Electricity Sector of Index of Industrial Production has decreased from 181.23 in the corresponding period of previous year to 131.76 indicating a decline of 30.00% in Delhi as compared to 0.10% increase in the corresponding period at All India Level.

Table 4:-Sector wise comparison of IIP 1st Qtr. April to June with 2nd Qtr. July to Sept. (2020-21):

Sector	2020-21 (1 st Qtr.)				2020-21 (2 nd Qtr.)				% Change
	Apr-20	May-20	Jun-20	Average	Jul-20	Aug-20	Sep-20	Average	
Manufacturing	16.62	85.07	124.08	75.26	160.92	160.93	163.45	161.77	114.94
Electricity	108.7	151.71	151.71	137.37	149.09	130.26	115.93	131.76	-4.08
General Index	54.73	112.65	135.52	100.97	156.02	148.24	143.78	149.35	47.91

1.4 The salient features of IIP for 1st Quarter (April to June 20) of F.Y. 2020-21 with the 2nd Quarter (July to Sept-20) of F.Y. 2020-21 are as follows:

- The 114.94% increase in growth is showing in Manufacturing sector of 2nd quarter 2020-21 (July 2020 to Sept 2020) as compared with the 1st quarter of 2020-21 (April to June 2020).
- The 4.08% decline in growth is showing in Electricity sector of 2nd quarter 2020-21 (July to Sept. 2020) as compared with the 1st quarter of 2020-21 (April to June 2020).
- The 47.91% increase in growth is showing in General Index of 2nd quarter 2020-21 (July to Sept 2020) as compared with the 1st quarter of 2020-21 (April To June 2020).

Table 5 : Index of Industrial Production at 2 Digit level of NIC 2008 (Base Year 2011-12=100) for 2nd quarter of 2019-20 with 2nd Qtr. 2020-21

NIC-2 Digit Code	Description	Weight	Quarterly IIP for the year 2020-21 (April 20 to June 20)								
			Jul-19	Aug-19	Sep-19	Average	Jul-20	Aug-20	Sep-20	Average	% Incr./ Decr.
						(2019-20)				(2020-21)	
10	Manufacture of food products	143.18	323.98	358.32	378.37	353.56	390.40	428.51	417.70	412.20	16.59
11	Manufacture of beverages	0.46	67.47	54.62	59.44	60.51	70.38	73.10	71.70	71.73	18.54
12	Manufacture of tobacco products	3.33	81.05	67.56	67.90	72.17	0.00	0.00	0.00	0.00	-100.00
13	Manufacture of textiles	13.74	144.31	124.51	139.25	136.02	84.34	66.53	83.34	78.07	-42.60
14	Manufacture of wearing apparel	102.3	60.10	76.16	81.44	72.57	43.06	53.39	51.11	49.19	-32.22
15	Manufacture of leather and related products	23.25	105.88	91.83	109.19	102.30	93.19	96.93	100.45	96.86	-5.32
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and painting materials	1.14	138.46	228.42	200.81	189.23	317.92	177.05	146.05	213.68	12.92
17	Manufacture of paper and paper products	5.13	156.35	152.37	164.69	157.80	91.64	95.33	121.48	102.81	-34.85
18	Printing and reproduction of recorded media	34.93	70.66	78.01	94.14	80.94	160.96	65.96	66.26	97.72	20.74
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	0.00
20	Manufacture of chemicals and chemical products	24.62	92.62	80.10	50.74	74.49	60.73	63.45	65.01	63.06	-15.33
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	24.46	69.19	62.43	120.59	84.07	125.64	44.35	39.96	69.98	-16.76
22	Manufacture of rubber and plastics products	13.18	78.52	81.41	101.96	87.30	54.55	48.66	29.59	44.27	-49.29
23	Manufacture of other non-metallic mineral products	1	9.41	26.52	42.70	26.21	0.00	0.00	53.97	17.99	-31.37
24	Manufacture of Basic Metals	13.11	447.54	269.19	237.21	317.98	228.02	292.60	325.61	282.08	-11.29
25	Manufacture of fabricated metal products, except machinery and equipment	26.69	69.54	84.70	108.02	87.42	56.76	49.50	67.13	57.80	-33.89
26	Manufacture of computer, electronic and optical products	29.87	81.88	103.08	95.61	93.52	56.13	48.94	55.36	53.48	-42.82
27	Manufacture of electrical equipment	35.87	130.40	119.17	125.23	124.93	121.51	117.56	132.11	123.73	-0.96
28	Manufacture of machinery and equipment n.e.c.	26.92	111.52	101.04	93.97	102.18	135.26	126.41	124.52	128.73	25.99
29	Manufacture of motor vehicles, trailers and semi-trailers	45.79	7.68	15.01	18.92	13.87	33.11	9.16	30.16	24.14	74.03
30	Manufacture of other transport equipment	2.7	223.44	234.99	211.88	223.44	130.98	146.39	154.10	143.82	-35.63
31	Manufacture of furniture	2.28	366.34	164.85	50.50	193.89	233.99	261.72	276.07	257.26	32.68
32	Other manufacturing	11.58	267.52	374.74	495.38	379.21	200.94	204.93	249.54	218.47	-42.39
	Manufacturing	586.1	166.03	165.37	184.56	171.99	160.92	160.93	163.45	161.77	-5.94
	Electricity	413.9	187.41	173.75	203.53	188.23	149.09	130.26	115.93	131.76	-30.00
	General Index	1000	166.03	165.37	184.56	171.99	156.02	148.24	143.78	149.35	-13.16

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

In the 1st Qtr. April to June 2020, most of the Industrial sector factories/establishment stopped operating due to preventive measures taken by the Government in the form of complete lockdown of economy from March 2020 onwards. This has had an impact on the items being produced by the factories/establishment during the 1st Qtr for the financial year 2020-21. But in June, Government announced the unlock process in phases and Industrial sector factories/establishment started operating in a slow pace. Gradually, the economy picked up the pace and Industrial Sector started showing signs of improvement and consequently 7 groups have shown positive growth in 2nd qtr (July 2020 to Sept. 2020) for the Financial year 2020-21. Earlier, in 1st Qtr of 2020-21 all 23 groups reported negative growth.

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

- Manufacture of motor vehicles, trailers and semi-trailers (NIC-29) with weight of 45.79 have shown growth of 74.03% in the 2nd Qtr. 2020-21 as compared with the 2nd qtr of 2019-20.
- Manufacture of food products (NIC-10) with weight of 143.18 have shown growth of 16.59% in the 2nd Qtr. 2020-21 as compared with the 2nd qtr of 2019-20.
- Printing and Reproduction of recorded media (NIC-18) with weight of 20.74 have shown growth of 16.59% in the 2nd Qtr. 2020-21 as compared with the 2nd qtr of 2019-20.

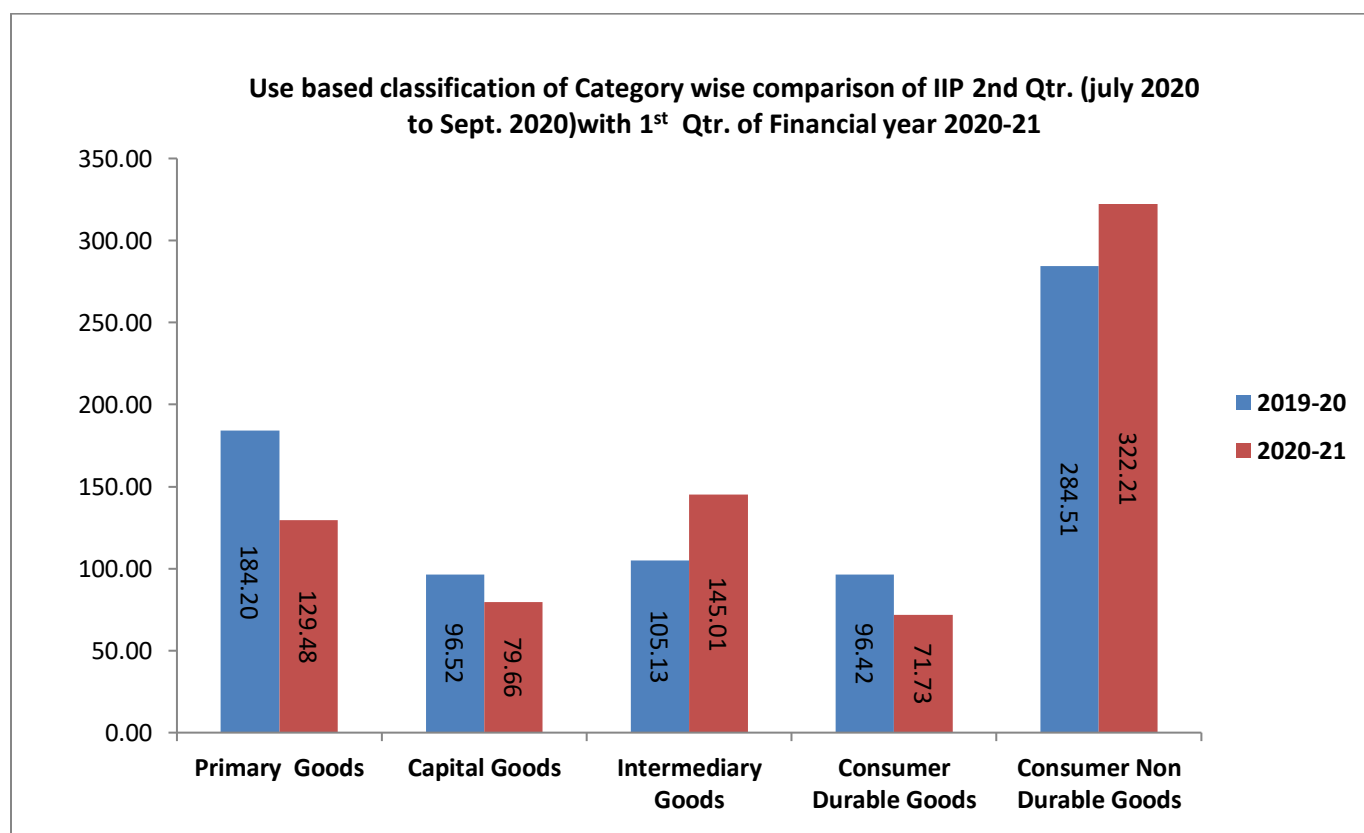
1.6 IIP as per Use Based Classification of Items

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 2nd quarter of CFY 2020-21, Two groups namely Intermediary Goods and Consumer Non-Durable Goods have exhibited a growth in production index by 37.92% and 13.25% respectively from the corresponding period of previous year, i.e. 2019-20. The overall negative growth of 13.16% is observed in the use based classification of items of production.

Table 6: Use based classification of Category wise comparison of IIP 1stQtr. (2020-21) with corresponding period of previous year 2019-20.

Category	Weight	Used Base Index(I) * 100								
		Jul-19	Aug-19	Sep-19	Jul-20	Aug-20	Sep-20	Average (IstQtr)		% Incr./ Decr.
								2019-20	2020-21	
Primary Goods	432.21	184.51	170.7	197.39	146.04	128.19	114.21	184.20	129.48	-29.71
Capital Goods	163.48	101.95	88.88	98.73	79.45	71.02	88.50	96.52	79.66	-17.47
Intermediary Goods	20.59	119.28	107.33	88.79	156.79	149.76	128.46	105.13	145.01	37.92
Consumer Durable Goods	184.7	88.54	99.07	101.65	65.92	72.76	76.50	96.42	71.73	-25.61
Consumer Non Durable Goods	199.02	255.29	284.17	314.06	324.12	325.09	317.41	284.51	322.21	13.25
Overall	1000	166.03	165.37	184.56	156.02	148.24	143.78	171.99	149.35	-13.16



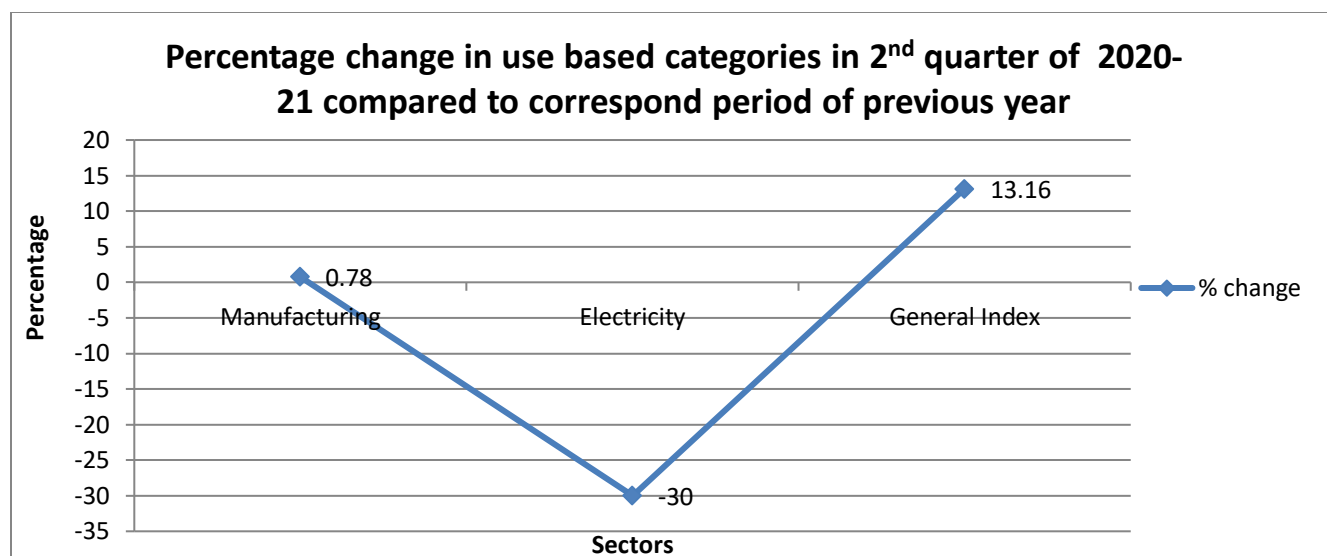


Table 7: Use-Based Classification of category wise comparison of IIP 1st Qtr. (April to June-20) with 4th Qtr. of previous year (2019-20).

Category	Weigh t	Used Base Index(I) * 100								
		Apr- 20	May- 20	Jun- 20	Jul-20	Aug-20	Sep-20	Average		% Incr./ Decr.
								2020-21 (1 st Qtr)	2020-21 (2 nd Qtr)	
Primary Goods	432.21	104.53	147.09	146.65	146.04	128.19	114.21	132.76	129.48	-2.47
Capital Goods	163.48	0.95	26.88	60.94	79.45	71.02	88.50	29.59	79.66	169.20
Intermediary Goods	20.59	0.09	39.65	116.14	156.79	149.76	128.46	51.96	145.01	179.07
Consumer Durable Goods	184.7	0.17	29.15	61.87	65.92	72.76	76.50	30.40	71.73	135.97
Consumer Non Durable Goods	199.02	47.06	193.37	242.96	324.12	325.09	317.41	161.13	322.21	99.97
Overall	1000	54.73	112.65	135.52	156.02	148.24	143.78	100.97	149.35	47.92

Index of Industrial Production with the Use-Based classification is depicted in Table 7. It is evident that in the 2nd quarter of CFY 2020-21, Four groups namely, Capital goods, Intermediary Goods, Consumer durable goods and Consumer Non-Durable Goods have exhibited a positive growth in production index by 169.20%, 179.07%, 135.97% and 99.97% respectively from the 1st quarter of 2020-21. The overall increase of 47.92% in the use based classification of items of production.