



GOVERNMENT OF KERALA

INDEX OF INDUSTRIAL PRODUCTION ANNUAL REPORT 2019-20

Department of Economics & Statistics, Kerala
2020



Government of Kerala

Report on
Index of Industrial Production Kerala

2019-20

Base Year: 2011-12

IIP Division

Department of Economics and Statistics

Thiruvananthapuram

Preface

Industry plays a pivotal role in the economy particularly in the area of state domestic product and employment creation. Reliable and adequate data on industrial statistics needed for the formulation and evaluation of the industrial programmes and policies to the State Govt. The Index of Industrial Production (IIP) is one of the prime indicator of short term economic development and measures the behavioural patterns of the industrial production over a period of time with reference to a chosen base year.

The Department of Economics and Statistics is computing the Index on monthly and quarterly basis to study the changes in the industrial production in the state. Monthly and Quarterly indices for the year 2019-20 and NIC Code wise indices of 23 major industrial groups are computed and brought out in this report for study. As per the CSO guidelines, the base year has been shifted from 2004-05 to 2011-12 so as to facilitate a comparative study of state-wise indices all over India.

I appreciate IIP section for bringing out this publication.

Thiruvananthapuram
21-01-2021

Sd/-
P.V.Babu
Director

Report of the Index of Industrial Production for the Year 2019-20

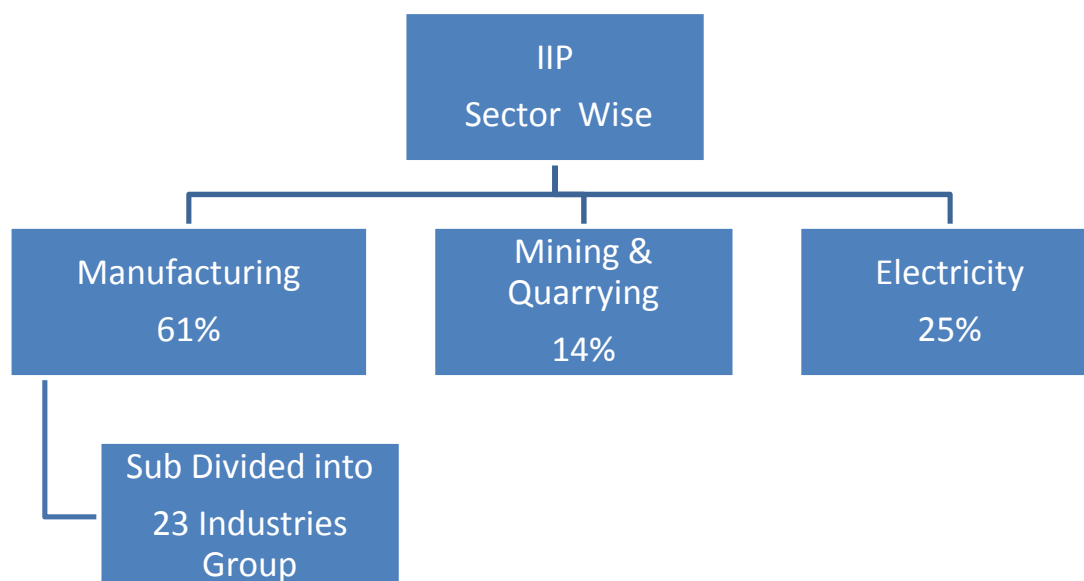
I. Introduction

The Department of Economics and Statistics has been compiling the IIP for Kerala, in accordance with the guidelines of CSO. The Index of Industrial Production has been the most well-known and well used economic indicator to compare the industrial performance in two different time periods. The Index of Industrial Production measures the impact of development in the field of industrial sector over a period of time in the state in comparison with a selected previous year. The index gives a comprehensive view of the industrial development of the state. It can work as a guide for the Government and Industrialist. They can make maximum and overall progress realizing the areas which are strong and which require special attention.

II. Coverage

The IIP compiled in India is an adaptation of the recommendations of the Statistical Office of the United Nations (UNSO). The UNSO recommends that among the major divisions of the International Standard of Industrial Classification (ISIC), 'mining & quarrying', and 'manufacturing', and within the public utilities division, the major groups of 'electricity be included. So far, the Index used to cover only the production in the Manufacturing, Mining & Quarrying and Electricity sectors in the State.

Diagram 1 : Break up of components comprising IIP Sector wise



III. Base Year

IIP is a summary measure that measures the changes in the volume of industrial production of a representative basket of industrial products during a particular period with respect to a chosen base period. The IIP for the base period is 100 and that for the study period shows the percentage increase or decrease over the base period. In order to capture the structural changes taking place in the industrial sector in a more meaningful way, the base year of IIP is periodically revised by updating the item basket and revising the weighting diagram. When the index was commenced in India, the base year adopted was 1937 and this was revised successively to 1946, 1951, 1956, 1960, 1970, 1980-81, 1993-94, 2004-05 and 2011-12.

To maintain synchronization and comparability of Kerala state IIP, it has generally been the practice to revise the base year of Kerala state level IIP, whenever CSO revise the base year of all-India level series. Accordingly, the base year of Kerala state level- IIP is now being revised to the year 2011-12.

IV. Weighting Diagram

The relative importance of various economic activities is different and these differentials need to be reflected while measuring the performance of the entire industrial sector. With a view to achieving this, each item included in the item basket is given appropriate weight. Weight is generally determined on the basis of the gross value added (GVA) from that industrial activity.

Total weight, which is taken as 1000, was apportioned first to three industrial sectors, i.e., Manufacturing, Mining & Quarrying and Electricity. The sectoral weight of manufacturing sector was then allocated to its 2 & 3 digit industry groups in proportion to their GVA figures. Finally the weight allocation at item level has been done in proportion to item-wise GVO. In case of mining & quarrying sector the total weight of the sector was apportioned to the items included in the item basket in proportion to their value of output furnished by IBM.

Sector	Weight
Manufacturing	614.34
Mining & Quarrying	138.97
Electricity	246.69
General IIP	1000

V. Compilation Procedure

IIP is generally computed as the weighted average of production relatives of all the industrial activities. Here, Laspeyre's fixed-base formula is used for the calculation of the index, which can be expressed mathematically as follows:

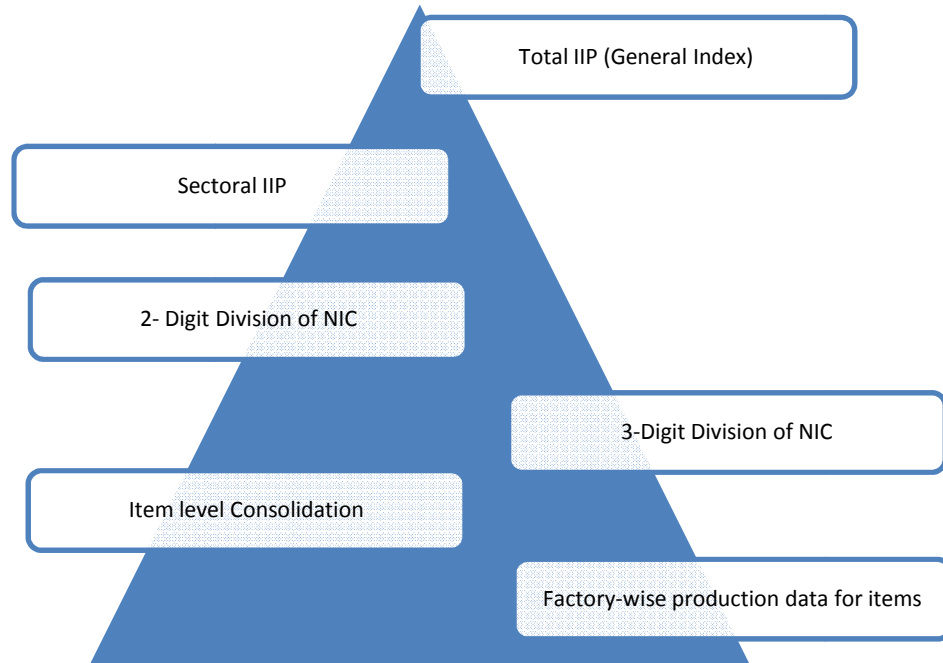
$$I = \frac{\sum W_i R_i}{\sum W_i} \quad i = 1, 2, \dots, N$$

Where I is the index, R_i is the production relative of the i^{th} item $\left(\frac{P_i}{P_0}\right)$ and W_i is the weight allotted to it. P_i is the production of the i^{th} item in the current year, P_0 is the production of the i^{th} item in the base year,

VI. Building IIP from the Lower Stage

The compilation of IIP commences with the collection of basic production data relating to the items. The basic production data are then combined using weights to produce data for the 3-digit class (NIC). The subsequent upper levels, above the 3-digit class, of IIP are constructed by combining the lower levels using weights. Following diagram demonstrate the working steps of IIP compilation.

Diagram II : Different steps in compilation of IIP



VII. Source of Data

The monthly production data of 'mining & quarrying' and 'electricity' for compiling State level IIP are collected from Indian Bureau of Mines (IBM), Nagpur and Central Electricity Authority respectively. In case of 'manufacturing' sector, after finalisation of item basket (containing selected item groups and items within the group), item wise list of factories along with their production in the base year has been prepared from out of the list of factories surveyed as part of ASI 2011-12. A total of 190 registered manufacturing units were selected for data collection and the department collects monthly production data directly from these units through District Statistical Offices.

VIII. Detailed Tables

Table: I

Index of Industrial Production Annual Index from 2017-18 to 2019-20

Sl. No.	SECTOR	Annual Index		
		2017-18	2018-19	2019-20
1	Manufacturing	128.95	136.43	127.78
2	Mining & Quarrying	91.41	82.71	69.13
3	Electricity	55.80	78.31	58.17
4	General	105.68	114.63	102.45

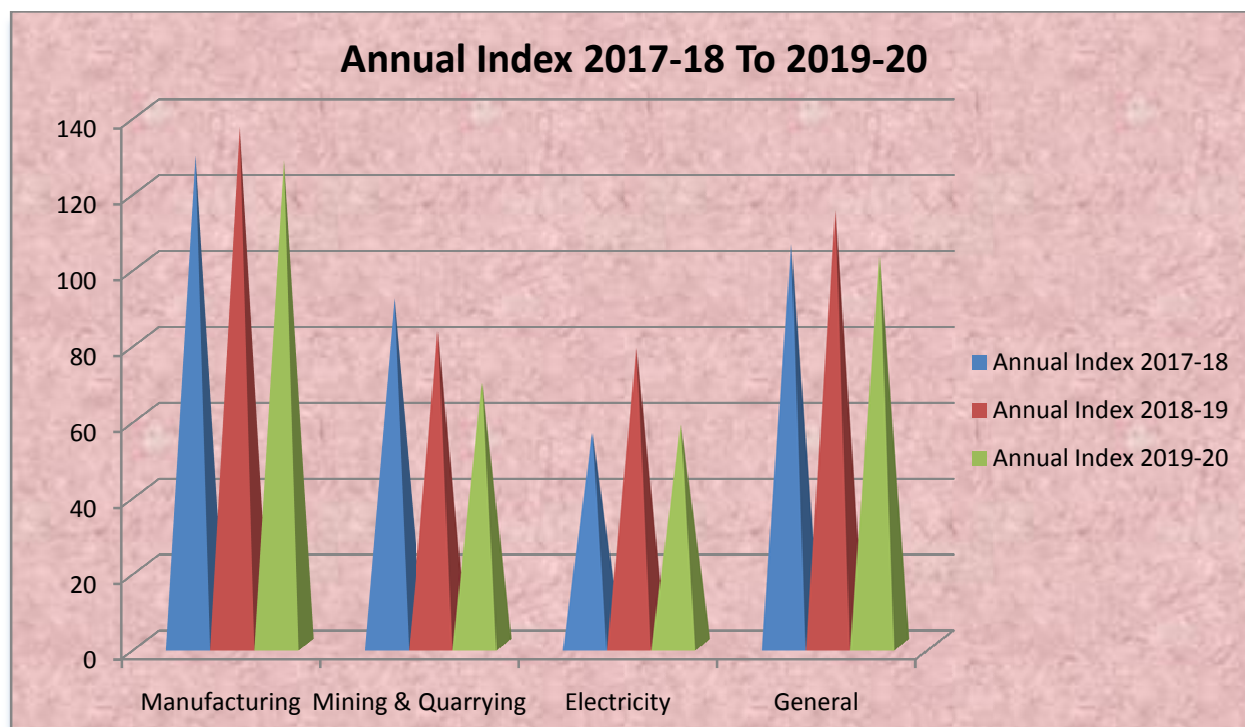


Table: II

Index of Industrial Production Quarterly Wise 2017-18 to 2019-20 - Sector Wise

Sl. No.	Sector	Index 2017-18 (Qtr-Wise)				Index 2018-19 (Qtr-Wise)				Index 2019-20 (Qtr-Wise)			
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
1	Manufacturing	93.5	108.46	152.68	161.15	147.25	124.4	135.85	138.27	123.30	150.93	125.8	111.1
2	Mining & Quarrying	77.5	91.53	91.38	105.23	62.41	56.8	102.45	109.16	55.29	79.62	79.8	61.8
3	Electricity	52	58.84	54.37	57.97	75.61	109.1	71.63	56.88	70.84	51.82	56.6	53.4
4	General	81	93.87	119.91	127.93	117.79	111.2	115.37	114.15	100.91	116.57	102.3	90.0



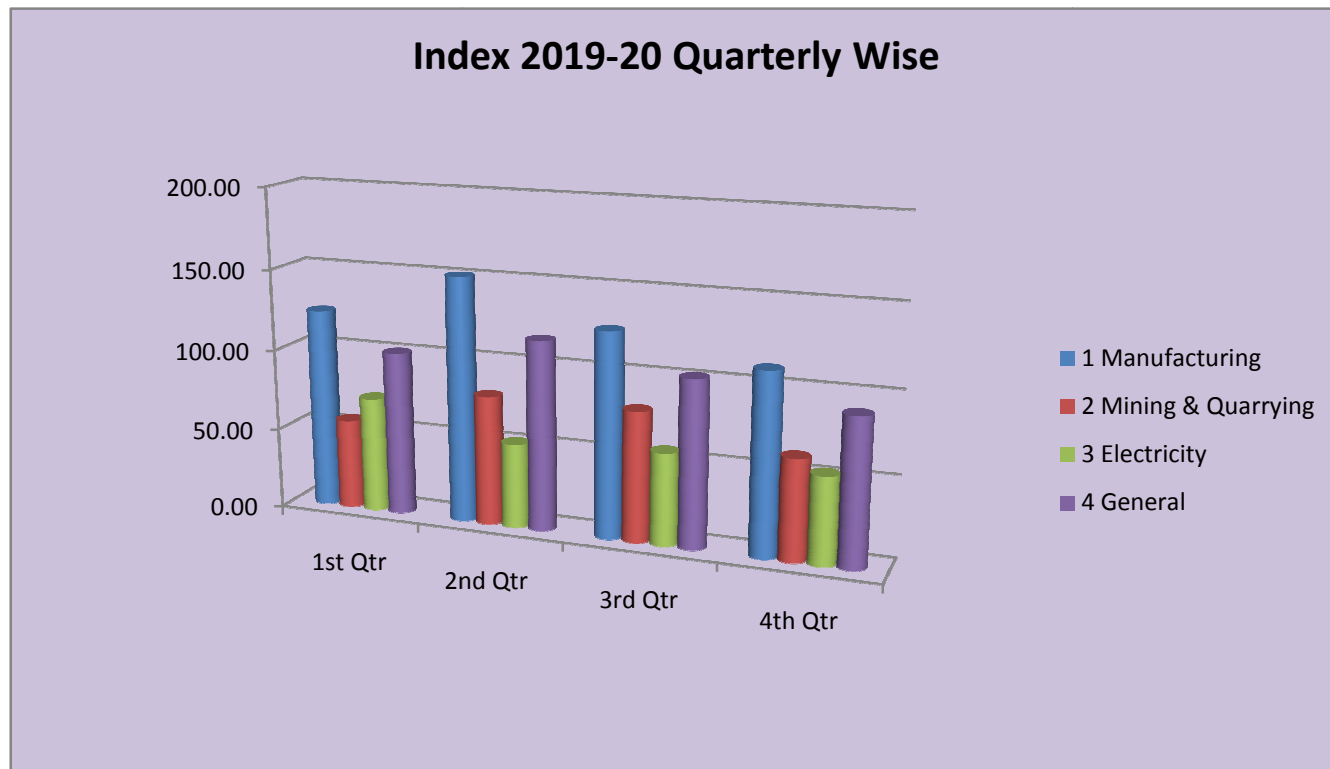
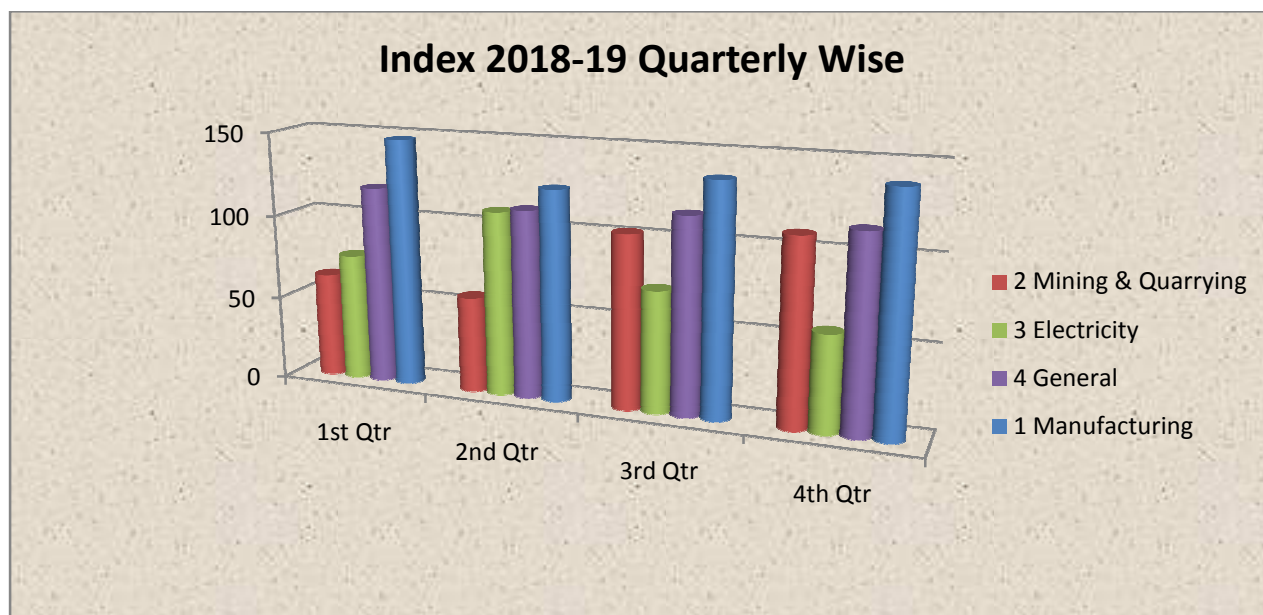


Table: III

General Index of Industrial Production - Month Wise

Month	2017-18	2018-19	2019-20
April	75.1	109.44	96.39
May	86.1	121.71	104.37
June	81.9	122.22	101.98
July	98.51	122.4	120.29
August	94.92	105.3	121.66
September	88.18	106.0	107.76
October	125.79	132.09	105.9
November	116	105.96	99.3
December	117.94	108.05	101.8
January	121.24	111.64	94.6
February	115.48	105.55	94.4
March	147.05	125.25	80.9
Annual	105.68	114.63	102.45

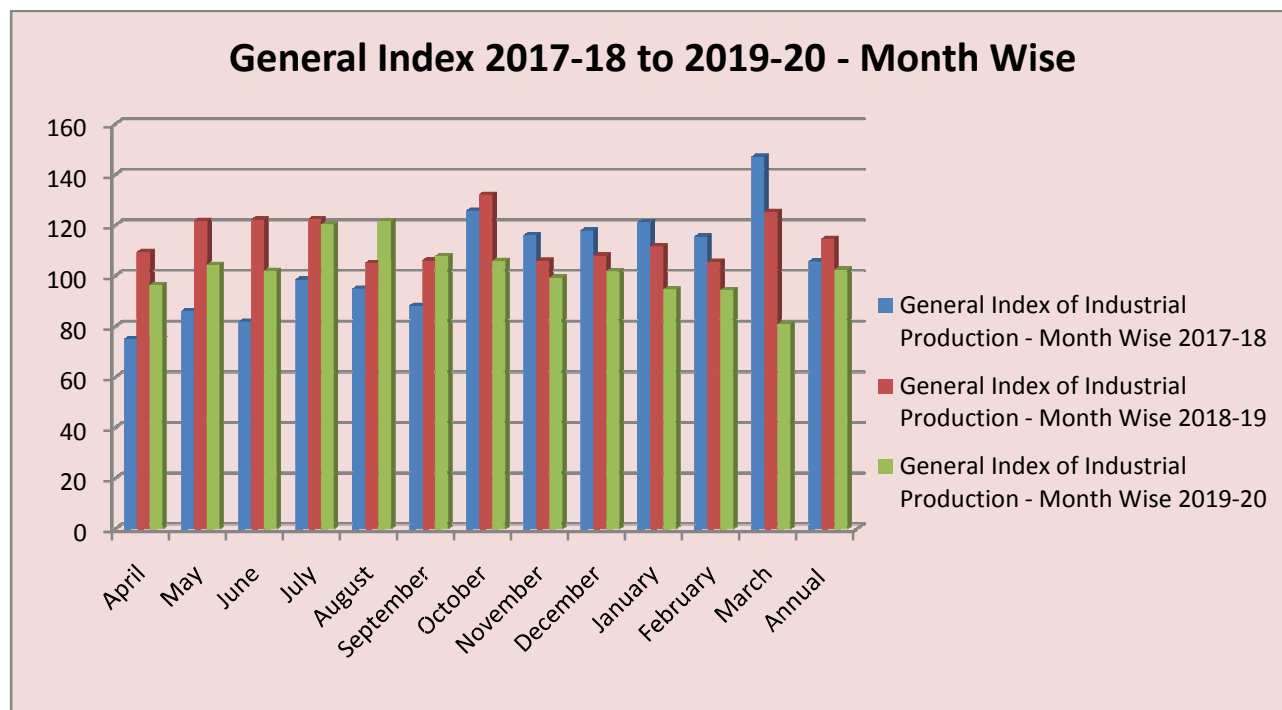
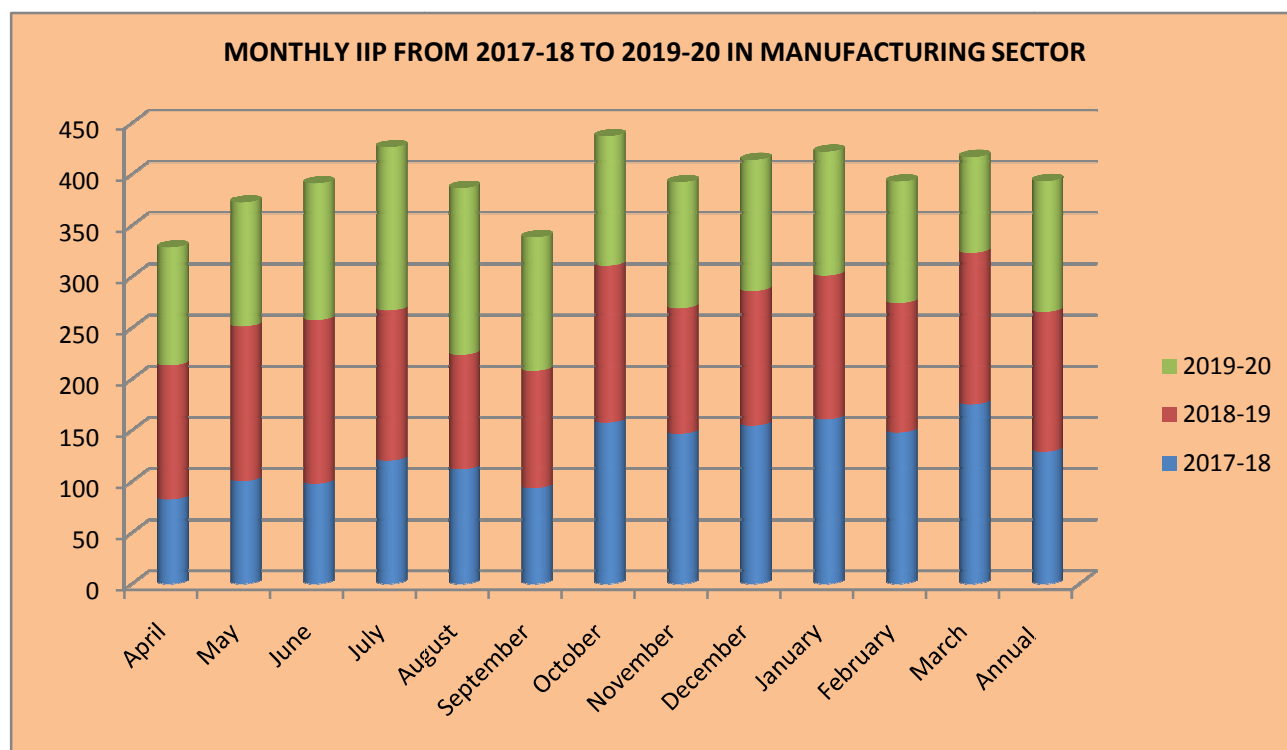


Table: IV

Index of Industrial Production Month Wise – Sectoral

Month	Sectors								
	Manufacturing			Mining & Quarrying			Electricity		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
April	82.4	130.98	115.07	64.6	67.01	48.19	62.8	79.68	77.02
May	100.2	151.06	121.25	85.2	67.01	57.55	51.3	79.44	88.68
June	97.7	159.71	133.58	82.7	53.22	60.14	41.9	67.7	46.83
July	120.37	146.5	159.49	92.8	55	96.09	47.29	100.5	36.31
August	111.76	111.8	162.91	89.31	34.1	59.55	56.12	128.4	53.91
September	93.25	114.7	130.39	92.47	81.3	83.22	73.11	98.4	65.23
October	157.27	153.35	126.4	93.54	86.52	88.3	65.54	104.83	64.7
November	146.4	122.67	123	99.35	103.68	69.2	49.69	65.62	57.4
December	154.38	131.52	128	81.26	117.16	82	47.87	44.45	47.8
January	160.62	140.41	120.9	81.26	105.27	51.4	45.69	43.56	53.7
February	147.63	126.36	118.8	95.78	107.48	67	46.54	52.63	49
March	175.2	148.04	93.5	138.65	114.72	66.8	81.68	74.45	57.5
Annual	128.95	136.43	127.78	91.41	82.71	69.13	55.8	78.31	58.17



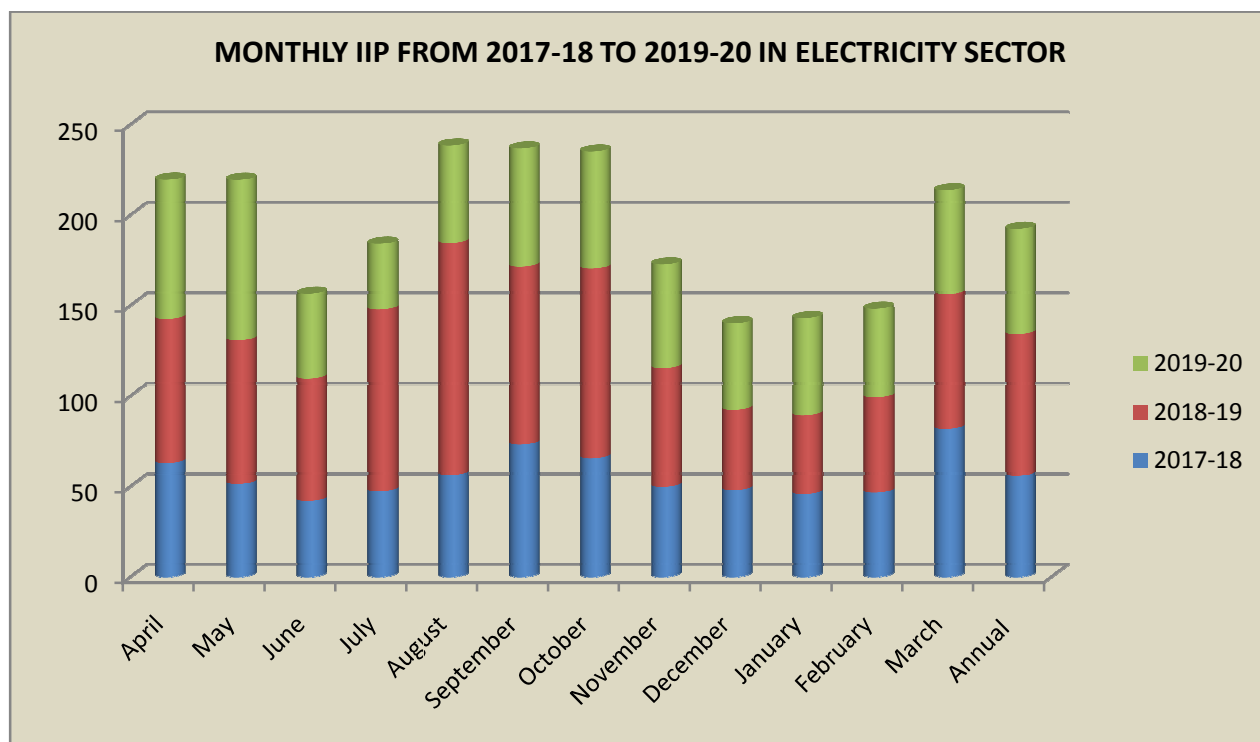
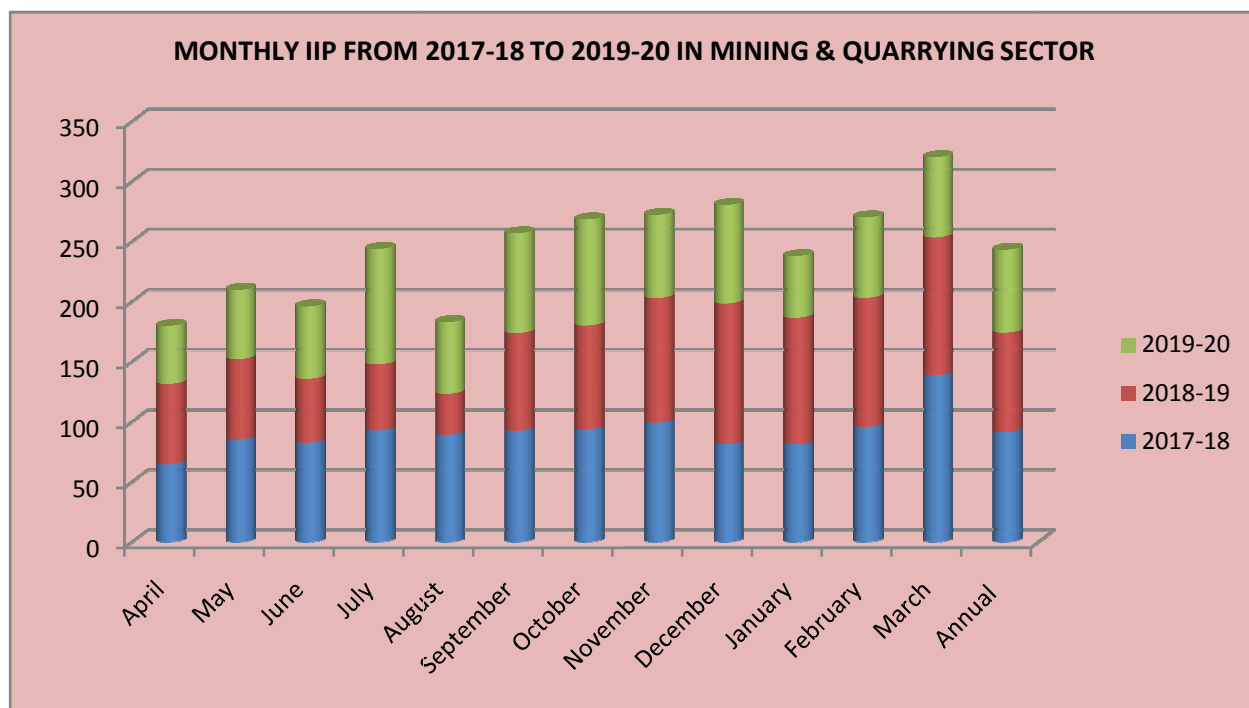


Table: V

Index of Industrial Production Month Wise - Sectoral Growth of IIP 2019-20

Month	Manufacturing	Mining & Quarrying	Electricity
	Growth Rate	Growth Rate	Growth Rate
April	-12.15	-28.09	-3.34
May	-19.73	-14.12	11.63
June	-16.36	13.00	-30.83
July	8.87	74.71	-63.87
August	45.72	74.63	-58.01
September	13.68	2.36	-33.71
October	-17.57	2.06	-38.28
November	0.27	-33.26	-12.53
December	-2.68	-30.01	7.54
January	-13.90	-51.17	23.28
February	-5.98	-37.66	-6.90
March	-36.84	-41.77	-22.77
Annual	-6.34	-16.41	-25.71

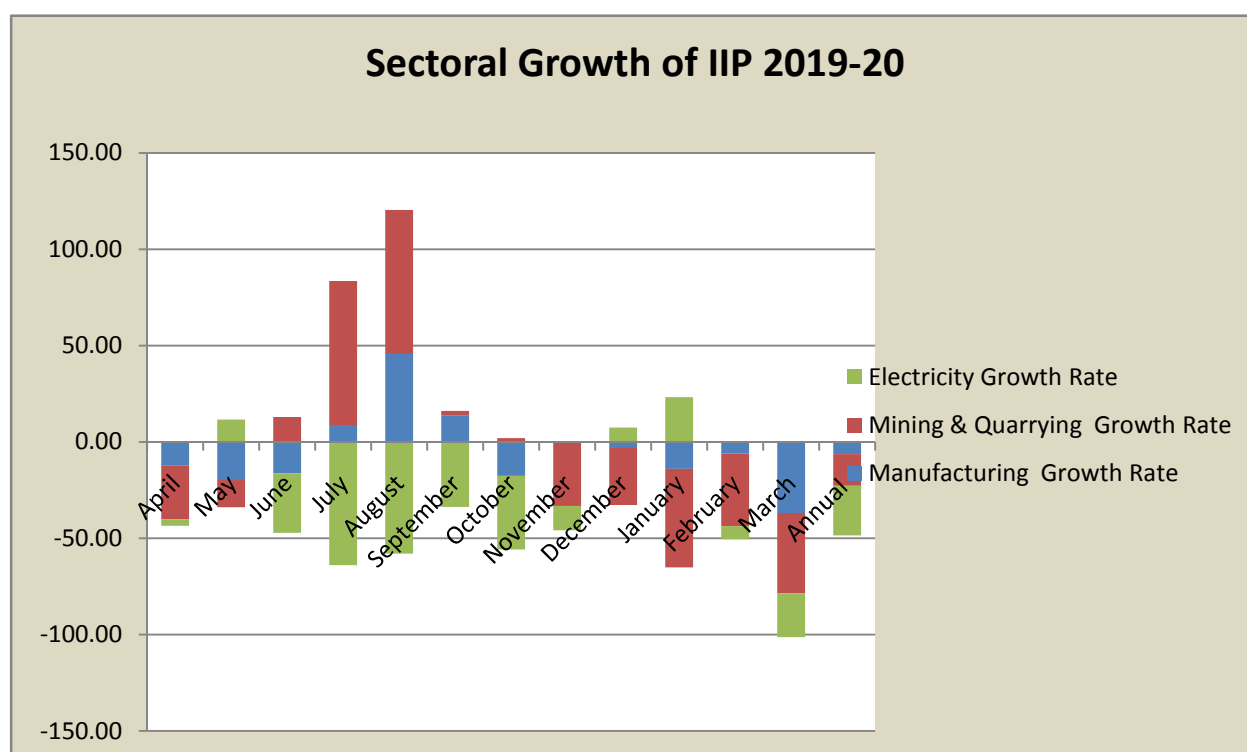


Table VI(a):

Index of Industrial Production Month Wise – 2 Digit level year 2017-18

NIC 2 Digit	2 Digit Weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
10	124.89	98.7	108.4	98.1	94.21	82.45	83.36	103.2	101.8	116.5	96.59	69.47	71.36	93.7
11	11.00	75.6	96.9	90.6	75.34	97.28	47.68	100.1	91.2	89.1	103.1	89.49	96.49	87.7
12	6.16	61.3	66.7	64.5	32.88	13.43	34.86	52.1	39.2	9.6	32.55	42.68	47.9	41.5
13	31.07	77.8	98.6	99.0	97.55	101.25	100.99	113.1	129.1	115.5	124.24	97.28	113.1	105.6
14	8.56	32.3	85.9	184.0	86.83	126.95	179.52	114.8	125.4	122.5	76.54	74.68	286.95	124.7
15	5.38	174.3	206.8	184.2	195.67	183.2	168.73	180.6	190.9	183	202.8	195.65	297.19	196.9
16	10.18	138.0	140.2	91.4	126.05	112	112.46	121.2	117.9	118.8	142.83	99.13	91.49	117.6
17	10.33	79.4	88.8	82.4	76.21	63.99	37.02	45.6	60.4	60	81.29	73.87	72.75	68.5
18	31.42	54.5	50.2	64.8	51.09	99.31	46.84	50	51.6	49	57.91	51.07	52.12	56.5
19	24.69	143.7	159.9	159.6	165.44	142.99	154.82	142.1	131.4	146.8	171.86	152.67	174.95	153.9
20	109.49	58.7	104.6	119.3	149.44	153.57	124.53	142.9	135.4	119	117.21	99.4	105.76	119.2
21	13.49	84.2	175.2	133.4	866.75	302.33	166.39	2304.5	1803	2116.5	2475.75	2548.61	3519.25	1374.7
22	91.74	75.7	81.5	62.8	85.75	105.93	73.09	106	112.6	107.5	113.21	104.89	89.73	93.2
23	42.25	105.0	107.2	94.2	101.75	103.81	90.36	102.1	108.3	121.1	113.96	105.84	112.78	105.5
24	10.88	93.8	102.9	99.1	98.32	102.75	96.49	105	92.8	103.5	103.38	99.84	93.68	99.3
25	9.75	87.3	94.9	93.6	127.41	129.48	110.33	124.9	113.7	119	113.66	91.74	79.94	107.2
26	30.19	66.2	74.9	67.2	83.17	83.06	65.19	76.2	69.3	101.7	78.98	84.91	87.22	78.2
27	10.73	179.6	187.0	171.6	175.62	151.98	140.32	180	183.5	216.6	206.61	202.16	236.21	185.9
28	7.27	61.2	79.5	70.7	62.79	85.96	70.05	182.1	116	75.1	75.45	67.61	89.91	86.4
29	0.59	70.2	85.0	79.8	86.4	108.16	82.39	130.9	125.8	129.8	127.99	139.08	131.42	108.1
30	19.36	4.5	18.2	72.7	27.27	31.82	31.82	45.5	81.8	77.3	104.55	100	109.09	58.7
31	2.92	67.7	50.7	27.5	61.37	66.46	54.91	59.6	46.4	33	41.19	41.41	43.57	49.5
32	2.01	210.3	261.3	239.2	209.58	262.29	199.92	116.9	152.9	96.6	141.04	103.84	84.52	173.2
Manu- facturing	614.34	82.4	100.2	97.7	120.37	111.76	93.25	157.3	146.4	154.4	160.62	147.63	175.2	128.95

Table VI (b) :

Index of Industrial Production Month Wise – 2 Digit level year 2018-19

NIC 2 Digit	2 Digit Weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
10	124.89	117.8	126.9	120.5	77.2	67.7	79.7	88.72	76.34	110.89	139.66	105.18	112.36	101.92
11	11.00	82.8	102.6	72.1	71	85.1	106.7	104.91	83.4	89.27	93.46	123.3	136.2	95.90
12	6.16	18.6	22.7	18.2	19	20.6	23.1	15.19	24.87	25.98	14.71	5.21	22.28	19.20
13	31.07	99.8	103.7	93.3	92.1	59.9	92	107.86	101.8	90.6	97.98	84.8	72.37	91.35
14	8.56	72.7	117.1	109.2	167.8	79	136.2	108.82	94.41	82.99	79.16	93.39	267.83	117.38
15	5.38	224.0	221.3	178.9	143.3	178.2	198.3	183.69	155.65	150.86	154.94	138.1	140.07	172.27
16	10.18	124.2	128.7	152.5	122.7	104.4	123.7	140.45	120.52	132.15	127.42	161.32	122.51	130.05
17	10.33	76.0	83.1	85.2	58.5	21.6	29.3	57.94	43.14	49.1	23.23	24.77	27.65	48.29
18	31.42	45.2	77.0	48.0	49.5	51.7	48.1	47.8	46.86	47.61	47.35	43.62	49.46	50.18
19	24.69	154.2	166.1	176.3	181.8	178.1	169.2	168.17	169.79	120.69	185.83	168.27	201.74	170.02
20	109.49	79.0	97.7	116.1	95.5	86.7	129.6	139.07	136.47	118.66	147.25	135.63	141.94	118.64
21	13.49	1644.7	1964.1	2311.8	2459.6	1418.1	583	1425.61	990.3	1324.7	1069.25	932.81	1542	1472.16
22	91.74	79.6	85.3	92.3	90.9	75.1	105.1	196.26	99.14	100.21	103.53	99.49	90.99	101.49
23	42.25	108.4	114.2	109.4	95.5	95.1	119.4	120.35	122.88	122.91	119.15	103.14	114.58	112.08
24	10.88	103.5	108.9	112.2	112.5	100	107.5	119.63	113.63	121.37	111.31	107.69	117.97	111.34
25	9.75	116.0	115.5	122.5	151.5	89.2	124.6	108.64	116.25	87.26	92.37	108.61	150.98	115.29
26	30.19	71.4	95.6	112.5	104.4	65.5	69.4	97.37	74.43	65.27	71.06	68.95	68.07	80.33
27	10.73	240.2	210.7	275.6	242.8	243.3	267.4	288.73	288.79	317.92	349.35	314.79	359.28	283.24
28	7.27	55.2	69.0	65.7	76.4	40.4	72.7	58.72	71.78	78.93	76.04	83.64	107.64	71.34
29	0.59	92.8	156.5	92.3	90.8	115.2	139.7	174.8	144.09	129.92	196.78	192.91	201.14	143.91
30	19.36	104.6	168.2	122.7	54.5	81.8	86.4	104.55	72.73	72.73	77.27	100	131.82	98.11
31	2.92	37.7	56.4	55.4	34	27.3	74	57.64	8.12	8.04	13.45	5.71	6.23	32.00
32	2.01	112.6	132.9	122.5	132.6	140.7	125.6	130.27	133.9	130.79	122.49	111.62	123.21	126.60
Manu- facturing	614.34	131.0	151.1	159.7	146.5	111.8	114.7	153.35	122.67	131.52	140.41	126.36	148.04	136.43

Table VI (c) :
Index of Industrial Production Month Wise – 2 Digit level year 2019-20

NIC 2 Digit	2 Digit Weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
10	124.89	81.16	100.76	103.48	105.53	107.72	108.50	114.35	121.20	119.85	141.82	125.06	102.56	111.00
11	11.00	89.91	103.04	83.88	96.50	83.96	81.58	94.75	82.69	85.19	90.59	83.83	67.30	86.93
12	6.16	19.97	12.11	23.75	17.95	16.40	26.15	20.95	27.73	13.19	26.01	29.19	23.50	21.41
13	31.07	99.35	88.75	65.84	87.05	99.77	90.35	112.25	115.97	147.31	110.59	85.71	58.71	96.80
14	8.56	90.34	170.99	109.95	154.01	181.83	171.86	277.72	202.92	187.31	149.88	132.93	70.68	158.37
15	5.38	203.33	241.01	143.60	156.92	119.62	116.28	144.60	141.73	145.35	230.57	157.85	149.02	162.49
16	10.18	122.92	121.92	119.34	132.66	153.53	133.27	128.07	163.70	113.09	145.76	111.92	117.24	130.28
17	10.33	22.07	29.85	28.14	95.65	101.69	92.21	97.29	92.79	88.03	89.41	85.50	71.27	74.49
18	31.42	44.76	47.48	45.42	47.72	47.57	44.77	45.82	46.89	46.06	52.81	47.67	46.72	46.97
19	24.69	182.46	171.02	201.68	196.59	180.86	106.08	172.45	172.29	130.15	73.85	56.24	58.87	141.88
20	109.49	88.91	112.09	130.68	156.28	152.21	145.03	159.39	146.70	151.60	152.62	161.92	120.68	139.84
21	13.49	1099.75	600.63	789.95	1536.06	1632.50	378.88	151.51	216.56	224.99	149.22	231.21	185.39	599.72
22	91.74	96.59	110.12	113.87	99.26	103.65	80.44	115.71	128.45	141.04	110.00	99.90	66.72	105.48
23	42.25	103.06	110.85	97.33	106.53	83.88	89.42	88.71	100.58	87.06	94.23	113.59	81.92	96.43
24	10.88	117.18	124.60	101.22	114.99	86.26	83.17	86.80	87.73	90.36	93.74	94.36	60.86	95.11
25	9.75	138.25	125.49	109.80	116.07	122.26	108.30	113.47	95.49	104.05	132.16	142.14	105.29	117.73
26	30.19	62.40	65.97	66.25	77.80	57.39	54.13	50.36	51.69	59.81	62.00	61.87	70.79	61.70
27	10.73	247.00	257.00	329.12	322.54	331.13	275.27	310.14	303.67	312.02	395.56	361.41	328.73	314.46
28	7.27	62.99	86.32	76.67	89.65	103.12	94.80	81.66	83.54	81.92	84.92	95.70	86.82	85.67
29	0.59	164.57	179.38	188.90	200.79	192.91	149.53	152.40	159.13	126.34	122.69	85.90	92.48	151.25
30	19.36	72.73	231.82	427.27	486.36	590.91	750.00	300.00	109.09	236.36	68.18	140.91	109.09	293.56
31	2.92	3.72	11.62	13.59	7.10	6.04	15.30	14.67	20.52	8.39	10.96	10.52	10.83	11.10
32	2.01	91.15	87.01	98.98	117.08	127.76	109.52	141.86	144.75	139.86	133.95	129.19	96.74	118.15
Manu- facturing	614.34	115.07	121.25	133.58	159.49	162.91	130.39	126.44	122.99	127.98	120.86	118.85	93.51	127.78

Table VII(a) :

Index of Industrial Production Month Wise – 3 Digit level year 2017-18

NIC 3 digit	3 digit weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
102	14.67	155.8	123.2	85.0	166.19	120.08	115.55	188.14	150.35	88.02	163.8	167.99	231.75	146.32
103	0.66	140.0	64.2	51.4	53.92	46.92	30.86	0	35.54	33.13	0	13.98	97.86	47.32
104	6.08	72.3	63.5	82.2	71.2	77.42	66.99	66.83	84.84	73.37	91.65	74.72	83.99	75.75
105	16.13	97.9	101.9	98.1	100.94	103.56	100.48	99.48	94.23	95.73	98.2	90.15	100.18	98.40
106	3.87	109.2	111.5	102.0	91.25	122.45	97.6	118.47	113.15	103.1	104.49	107.9	89.93	105.92
107	77.91	88.7	109.3	100.0	78.72	65.14	71.41	88.34	92.15	128.82	80.94	39.86	27.97	80.94
108	5.56	108.2	127.6	127.0	133.8	146.42	130.4	140.31	149.56	144.71	145.3	138.47	142.69	136.20
110	11.00	75.6	96.9	90.6	75.34	97.28	47.68	100.09	91.23	89.13	103.1	89.49	96.49	87.73
120	6.16	61.3	66.7	64.6	32.88	13.43	34.86	52.14	39.17	9.58	32.55	42.68	47.9	41.47
131	20.79	70.7	72.3	65.4	75.68	95.31	79.98	110.03	126.95	116.82	129.01	87.21	104.71	94.51
139	10.28	92.2	151.7	167.0	141.77	113.25	143.49	119.37	133.57	112.69	114.59	117.63	130.07	128.11
141	8.56	32.3	85.9	184.0	86.83	126.95	179.52	114.79	125.38	122.47	76.54	74.68	286.95	124.70
151	1.09	123.0	168.7	95.6	68.78	60.82	116.86	152.87	159.09	165.54	204.34	256.22	765.42	194.76
152	4.29	187.4	216.5	206.7	228.01	214.39	181.95	187.72	199.04	187.41	202.4	180.21	177.86	197.46
161	2.25	68.9	78.1	57.8	69.7	81.43	48.23	69.87	72.9	69.79	70.38	62.85	63.76	67.81
162	7.93	157.6	157.8	100.9	142.04	120.68	130.69	135.81	130.64	132.66	163.4	109.43	99.37	131.75
170	10.33	79.4	88.8	82.4	76.21	63.99	37.02	45.6	60.45	59.96	81.29	73.87	72.75	68.47
181	31.42	54.5	50.3	64.8	51.09	99.31	46.84	49.98	51.61	49.03	57.91	51.07	52.12	56.54
191	1.37	201.5	214.1	213.3	220.88	207.26	193.89	179.28	178.93	224.35	210	206.87	191	203.44
192	23.33	140.3	156.7	156.4	162.19	139.23	152.53	139.9	128.64	142.22	169.63	149.5	174.01	150.95
201	91.76	37.8	77.2	101.9	139.57	134.71	107.85	128.98	119.89	102.01	92.02	82.36	84.84	100.76
202	17.73	167.2	246.5	209.6	200.58	251.24	210.86	215.08	215.91	207.12	247.59	187.6	214.06	214.45
210	13.49	84.2	175.2	133.4	866.75	302.33	166.39	2304.5	1802.96	2116.52	2475.75	2548.61	3519.25	1374.65
221	70.91	72.1	75.1	57.9	83.19	103.69	70.01	106.5	112.2	107.08	120.91	104.59	84.04	91.43
222	20.83	88.1	103.5	79.7	94.49	113.56	83.59	104.15	113.77	108.72	87.01	105.92	109.09	99.30
231	0.21	81.8	88.9	83.2	96.07	105.18	82.49	111.79	112.09	93.71	71.58	115.53	52.05	91.20
239	42.04	105.2	107.3	94.2	101.78	103.81	90.4	102.07	108.25	121.21	114.17	105.79	113.09	105.60
241	8.63	96.5	103.7	94.8	94.05	101.78	91.28	99.66	86.64	94.17	98.19	100.24	87.66	95.72
242	0.06	13.6	30.4	80.0	111.12	152.1	109.42	164.45	219.55	126.03	252.07	175.75	139.14	131.14
243	2.19	85.6	101.7	116.2	114.79	105.31	116.7	124.55	113.96	139.57	120.04	96.34	116.25	112.58
251	3.29	43.5	48.3	64.0	95.58	83.28	135.47	93.09	64.68	32.65	102.49	33.73	13.33	67.50
259	6.46	109.5	118.7	108.6	143.6	152.98	97.54	141.14	138.61	162.93	119.34	121.26	113.81	127.34
261	17.83	85.9	101.4	88.4	108.57	108.2	84.64	100.39	89.76	139.92	107.15	121.6	123.52	104.96
262	1.24	88.2	0.0	0.0	0	0	0	0	0	0	0	0	0	7.35
263	6.03	10.8	12.9	14.1	21.08	10.61	14.02	18.58	16.41	16.41	6.53	6.72	11.18	13.28
265	5.09	57.2	74.0	72.1	87.96	101.05	73.56	78.4	77.36	93.32	85.34	69.63	71.34	78.44
271	9.00	181.2	202.4	174.3	189.61	168.34	148.92	197.13	193.33	230.97	223.33	212.38	250.49	197.69
272	0.14	110.6	292.8	279.7	160.89	191.83	286.49	197.71	159.91	169.83	174.84	425.49	353.38	233.62
273	0.98	247.1	113.6	169.3	91.13	56.44	0	106.16	196.73	220.14	179.34	198.61	229.61	150.68
274	0.61	62.9	54.1	111.1	108.39	54.75	206.26	41.58	22.14	7.4	9.91	4.13	7.53	57.51

NIC 3 digit	3 digit weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
281	1.37	94.2	115.5	88.0	66.42	141.81	116.95	666.47	209.1	45.12	57.73	65.8	109.34	148.04
282	5.89	53.5	71.2	66.6	61.94	72.96	59.13	69.3	94.29	82.05	79.58	68.03	85.39	72.00
292	0.46	72.7	109.1	81.8	90.91	118.18	90.91	145.45	136.36	136.36	154.55	163.64	145.45	120.45
293	0.13	61.4	0.0	72.7	70.45	72.73	52.27	79.55	88.64	106.82	34.09	52.27	81.82	64.39
301	19.36	4.6	18.2	72.7	27.27	31.82	31.82	45.45	81.82	77.27	104.55	100	109.09	58.71
310	2.92	67.7	50.7	27.5	61.37	66.46	54.91	59.63	46.45	33.03	41.19	41.41	43.57	49.49
321	0.55	179.4	133.7	194.7	105.04	169.91	72.04	122.54	270.7	227.51	180.79	102.47	180.69	161.63
325	0.88	233.0	355.2	323.0	266.87	344.64	253.67	121.63	91.54	30.29	31.51	26.86	35.15	176.12
329	0.58	204.8	238.9	153.6	221.13	224.2	238.94	104.42	135.14	73.71	270.27	222.36	68.8	179.69

Table VII (b) :

Index of Industrial Production Month Wise - 3 Digit level year 2018-19

NIC 3 digit	3 digit weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
102	14.67	148.2	113.5	144.7	117.8	147.9	156.8	181.83	91.45	174.19	176.58	168.78	147.31	147.42
103	0.66	126.5	176.2	21.4	7.4	0.0	5.0	7.63	14.79	72.81	4.60	63.09	28.36	43.98
104	6.08	77.0	71.7	63.8	51.9	56.2	74.0	70.76	70.77	18.23	31.13	21.84	38.66	53.83
105	16.13	97.1	99.7	95.1	97.5	101.9	62.0	97.86	93.6	96.43	97.48	89.55	126.73	96.24
106	3.87	85.8	96.6	99.8	106.3	90.8	91.3	96.96	101.9	109.46	126.67	88.59	85.35	98.29
107	77.91	103.4	125.2	111.0	67.9	68.0	99.6	53.51	50.58	92.9	135.87	88.31	94.57	90.90
108	5.56	366.1	342.3	352.2	351.1	331.4	371.3	333.56	343.27	344.9	361.84	326.89	337.40	346.85
110	11.00	82.8	102.6	72.1	67.6	83.2	105.2	104.91	83.4	89.27	93.46	123.30	136.20	95.34
120	6.16	18.6	22.6	18.2	19.0	20.6	23.1	15.19	24.87	25.98	14.71	5.21	22.28	19.19
131	20.79	95.9	84.5	74.8	86.2	48.0	84.0	103.67	88.77	89.07	92.77	74.85	57.70	81.69
139	10.28	107.8	142.3	130.7	104.2	84.0	108.0	116.32	128.16	93.71	108.53	104.92	102.05	110.89
141	8.56	72.7	117.1	109.2	167.8	79.0	136.2	108.82	94.41	82.99	79.16	93.39	267.83	117.38
151	1.09	333.0	196.9	114.6	87.8	124.2	162.8	151.39	151.04	143.53	208.34	169.15	188.64	169.28
152	4.29	196.2	227.5	195.3	157.5	191.9	207.4	191.92	156.82	152.73	141.34	130.18	127.69	173.04
161	2.25	68.1	70.5	76.4	75.3	68.5	69.0	78.45	45.8	66.37	71.94	63.35	79.67	69.46
162	7.93	140.1	145.2	174.1	136.2	114.6	139.3	158.05	141.73	150.83	143.17	189.13	134.67	147.26
170	10.33	76.0	83.1	85.2	58.8	21.9	29.5	57.94	43.14	49.1	23.23	24.77	27.65	48.36
181	31.42	45.2	77.0	47.9	49.5	51.7	48.1	47.8	46.86	47.61	47.35	43.62	49.46	50.18
191	1.37	173.2	220.3	227.9	236.9	200.3	213.7	230.53	180.51	186.87	209.91	269.07	278.67	218.99
192	23.33	153.1	162.9	173.3	178.6	176.8	166.6	164.52	169.16	116.82	184.42	162.37	197.24	167.15
201	91.76	44.8	83.1	106.8	73.3	68.0	108.0	119.36	118.88	100.44	126.45	120.08	121.76	99.24
202	17.73	256.2	173.4	164.5	210.4	183.6	241.6	241.11	227.53	212.97	254.93	216.12	246.45	219.07
210	13.49	1644.7	1964.1	2311.8	2459.6	954.1	583.0	1425.6	990.3	1324.67	1069.25	932.81	1542.00	1433.51
221	70.91	73.2	82.3	91.3	87.2	69.7	105.8	98.89	108.32	97.98	101.61	98.22	88.20	91.90
222	20.83	101.2	95.3	95.9	103.3	93.8	102.7	527.73	67.89	107.8	110.04	103.82	100.48	134.16
231	0.21	70.2	85.3	83.4	75.8	78.8	88.1	75.15	78.31	95.9	75.18	59.26	104.68	80.85

NIC 3 digit	3 digit weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
239	42.04	108.6	114.3	109.6	95.6	95.2	119.6	120.58	123.1	123.04	119.36	103.36	114.63	112.24
241	8.63	109.0	110.3	108.8	106.6	99.4	92.4	115.86	102.5	115.49	105.36	97.92	112.26	106.33
242	0.06	74.4	64.8	95.0	82.9	38.6	83.8	119.25	31.63	0	0.00	0.00	0.00	49.19
243	2.19	82.3	104.6	125.9	136.6	103.6	167.6	134.49	159.54	147.6	137.58	148.92	143.45	132.68
251	3.29	13.1	16.4	32.6	131.0	72.7	116.5	86.26	73.57	43.79	59.31	58.41	43.09	62.23
259	6.46	168.4	165.8	168.2	161.9	97.7	128.8	120.03	137.96	109.37	109.19	134.15	205.85	142.27
261	17.83	97.3	134.4	167.4	152.0	95.9	91.3	131.29	91.32	84.74	101.01	95.57	87.39	110.81
262	1.24	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.00	0.00	0.00	0.00
263	6.03	17.2	17.9	15.5	1.9	2.6	1.8	5.89	0	0.19	3.68	2.63	12.12	6.78
265	5.09	62.3	75.1	62.3	84.8	49.5	89.5	110.6	121.6	90.05	63.22	71.07	83.25	80.28
271	9.00	257.2	217.3	297.1	283.3	286.3	312.0	325.61	323.74	352.48	377.51	357.32	388.37	314.85
272	0.14	152.0	234.2	251.5	372.7	241.4	438.6	237.8	235.95	108.06	312.75	162.42	256.54	250.32
273	0.98	243.1	274.1	246.8	170.7	2.3	21.9	136.47	154.55	227.68	312.21	141.41	329.21	188.37
274	0.61	2.6	4.1	9.5	5.6	0.0	0.0	0	0	0	0.00	0.00	0.00	1.82
281	1.37	82.0	80.0	40.6	82.0	43.2	71.9	17.7	14.49	57.49	22.35	68.99	93.52	56.18
282	5.89	49.0	66.4	71.5	75.1	39.7	72.9	68.27	85.11	83.92	88.54	87.05	110.93	74.87
292	0.46	81.8	145.5	72.7	72.7	127.3	118.2	181.82	163.64	145.45	172.73	190.91	218.18	140.91
293	0.13	131.8	195.5	161.4	154.5	72.7	215.9	150	75	75	281.82	200.00	140.91	154.55
301	19.36	104.5	168.2	122.7	54.5	81.8	86.4	104.55	72.73	72.73	77.27	100.00	131.82	98.11
310	2.92	37.7	56.4	55.4	34.0	27.3	74.0	57.64	8.12	8.04	13.45	5.71	6.23	32.00
321	0.55	109.4	157.8	161.0	165.5	167.5	103.7	124.13	181	103.45	117.50	125.04	148.34	138.69
325	0.88	63.6	75.6	58.1	76.6	86.6	84.6	90.16	79.66	88.44	105.20	93.49	94.14	83.02
329	0.58	190.4	196.6	184.3	186.7	197.8	208.8	197.17	171.99	221.13	153.56	126.54	143.73	181.56

Table VII(c) :

Index of Industrial Production Month Wise – 3 Digit level year 2019-20

NIC 3 digit	3 digit weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
102	14.67	109.70	96.00	61.40	91.37	118.05	148.68	91.17	109.95	82.79	90.14	147.53	85.56	102.70
103	0.66	170.98	181.13	541.54	127.51	36.07	0.00	13.71	144.23	150.74	186.68	324.26	205.76	173.55
104	6.08	13.39	33.90	30.95	31.40	20.24	18.42	31.60	34.48	29.38	28.21	41.13	17.15	27.52
105	16.13	98.32	103.08	98.34	102.33	101.61	100.76	98.51	95.94	98.31	100.41	94.71	96.14	99.04
106	3.87	86.28	94.59	85.82	134.45	123.45	118.78	90.41	105.53	100.52	110.20	99.91	97.63	103.96
107	77.91	57.35	86.22	98.58	96.03	97.67	93.86	115.45	120.45	123.93	154.98	118.08	94.34	104.74
108	5.56	349.94	378.45	337.92	343.93	332.39	321.70	325.33	337.94	331.98	355.22	337.40	366.06	343.19
110	11.00	89.91	103.04	83.88	96.50	83.96	81.58	94.75	82.69	85.19	90.59	83.83	67.30	86.93
120	6.16	19.97	12.11	23.75	17.95	16.40	26.15	20.95	27.73	13.19	26.01	29.19	23.50	21.41
131	20.79	95.38	73.14	55.64	76.13	92.54	91.01	119.45	114.96	167.14	106.28	78.90	44.34	92.91
139	10.28	107.39	120.31	86.48	109.14	114.40	89.02	97.69	118.02	107.21	119.30	99.47	87.76	104.68
141	8.56	90.34	170.99	109.95	154.01	181.83	171.86	277.72	202.92	187.31	149.88	132.93	70.68	158.37

NIC 3 digit	3 digit weight	April	May	June	July	August	September	October	November	December	January	February	March	Annual
151	1.09	467.60	489.20	104.82	104.31	96.73	81.30	161.41	210.18	170.93	243.06	257.33	153.66	211.71
152	4.29	135.99	177.75	153.48	170.33	125.45	125.20	140.32	124.29	138.83	227.38	132.49	147.84	149.95
161	2.25	68.88	67.36	68.14	80.22	78.34	80.96	68.38	68.24	93.94	68.87	58.65	43.63	70.47
162	7.93	138.25	137.42	133.88	147.54	174.88	148.12	145.02	190.79	118.53	167.59	127.04	138.14	147.27
170	10.33	22.07	29.85	28.14	95.65	101.69	92.21	97.29	92.79	88.03	89.41	85.50	71.27	74.49
181	31.42	44.76	47.48	45.42	47.72	47.57	44.77	45.82	46.89	46.06	52.81	47.67	46.72	46.97
191	1.37	180.61	160.79	162.95	287.48	287.73	243.59	233.16	269.31	258.29	258.29	257.28	202.52	233.50
192	23.33	182.57	171.62	203.95	191.27	174.60	98.04	168.90	166.61	122.65	63.06	44.47	50.46	136.52
201	91.76	73.89	95.40	116.88	136.81	138.97	135.21	138.41	129.64	136.89	136.78	142.41	104.66	123.83
202	17.73	166.70	198.49	202.09	257.07	220.70	195.88	268.00	235.03	227.75	234.63	262.89	203.62	222.74
210	13.49	1099.75	600.63	789.95	1536.06	1632.50	378.88	151.51	216.56	224.99	149.22	231.21	185.39	599.72
221	70.91	64.16	83.05	88.86	87.11	91.87	71.64	79.00	92.99	104.08	105.83	93.40	63.46	85.45
222	20.83	207.01	202.27	199.01	140.63	143.76	110.39	240.65	249.17	266.85	124.21	122.04	77.81	173.65
231	0.21	436.08	89.65	68.58	76.46	83.98	86.38	78.29	91.81	78.42	87.24	77.31	63.10	109.77
239	42.04	101.40	110.95	97.47	106.68	83.88	89.43	88.76	100.62	87.10	94.27	113.77	82.01	96.36
241	8.63	109.21	120.98	90.77	100.23	71.50	66.48	72.65	75.11	72.38	87.02	80.12	52.78	83.27
242	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
243	2.19	148.53	138.83	142.34	173.11	144.37	148.90	142.53	137.44	161.16	120.21	150.43	92.65	141.71
251	3.29	45.47	52.40	20.18	25.88	47.89	48.43	57.80	20.31	28.62	57.43	106.81	67.24	48.21
259	6.46	185.44	162.67	155.38	161.94	160.08	138.75	141.78	133.73	142.42	170.17	160.12	124.64	153.09
261	17.83	77.43	77.24	77.18	93.09	62.85	66.77	59.72	57.63	65.44	74.57	73.39	75.60	71.74
262	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
263	6.03	1.40	2.75	0.85	2.53	0.03	0.05	0.17	0.05	0.00	3.61	0.20	0.00	0.97
265	5.09	82.07	101.44	105.50	113.48	106.28	73.95	77.09	92.15	110.99	87.17	94.63	53.93	91.56
271	9.00	266.12	274.35	342.07	342.49	353.73	285.93	340.33	308.39	317.28	400.14	380.44	336.83	329.01
272	0.14	290.09	256.86	243.25	226.91	253.70	222.55	218.85	181.81	194.99	105.77	131.81	137.91	205.37
273	0.98	65.77	98.29	222.93	153.68	135.47	185.25	46.96	277.89	280.75	395.22	220.21	282.06	197.04
274	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
281	1.37	65.08	71.87	36.22	64.70	150.00	175.00	43.27	57.51	46.04	25.00	93.44	37.51	72.14
282	5.89	62.50	89.68	86.08	95.46	92.21	76.13	90.59	89.60	90.27	98.87	96.22	98.30	88.83
292	0.46	154.55	190.91	190.91	172.73	190.91	154.55	136.36	163.64	136.36	118.18	90.91	100.00	150.00
293	0.13	200.00	138.64	181.82	300.00	200.00	131.82	209.09	143.18	90.91	138.64	68.18	65.91	155.68
301	19.36	72.73	231.82	427.27	486.36	590.91	750.00	300.00	109.09	236.36	68.18	140.91	109.09	293.56
310	2.92	3.72	11.62	13.59	7.10	6.04	15.30	14.67	20.52	8.39	10.96	10.52	10.83	11.10
321	0.55	100.11	123.05	144.35	64.81	99.60	52.06	86.90	114.92	98.66	102.16	68.75	29.28	90.39
325	0.88	46.23	44.34	39.02	129.61	133.53	119.89	143.27	127.63	125.38	108.69	114.40	63.78	99.65
329	0.58	151.11	117.94	147.42	147.42	145.58	148.03	191.65	199.02	200.86	202.46	208.85	210.69	172.58

NIC 2 Digit Description

<u>Nic -2008 (2 Digit)</u>	<u>Description</u>
10	Manufacture of Food Products
11	Manufacture of Beverages
12	Manufacture of Tobacco Products
13	Manufacture of Textiles
14	Manufacture of Wearing Apparel
15	Manufacture of Leather & related products
16	Manufacture of Wood & Products
17	Manufacture of Paper & Paper Products
18	Printing & Reproduction of recorded media
19	Manufacture of Coke & Refined petroleum Products
20	Manufacture of Chemicals & Chemical Products
21	Manufacture of Pharmaceuticals, medicinal chemical & botanical Products
22	Manufacture of Rubber & Plastic Products
23	Manufacture of other non-metallic mineral Products
24	Manufacture of Basic Metals
25	Manufacture of Fabricated metal Products, except machinery & equipment
26	Manufacture of Computer, Electronic & Optical Products
27	Manufacture of Electrical Equipment
28	Manufacture of Machinery & Equipment n.e.c.
29	Manufacture of Motor vehicles, trailers & semi-trailers
30	Manufacture of other transport equipment
31	Manufacture of Furniture
32	Other manufacturing

NIC 3 Digit Description

<u>Nic -2008 (3 Digit)</u>	<u>Description</u>
102	Processing and preserving of fish, crustaceans and molluscs and products thereof
103	Processing and preserving of fruit and vegetables
104	Manufacture of vegetable and animal oils and fats
105	Manufacture of dairy products
106	Manufacture of grain mill products, starches and starch products
107	Manufacture of other food products
108	Manufacture of prepared animal feeds
110	Manufacture of beverages
120	Manufacture of tobacco products
131	Spinning, weaving and finishing of textiles
139	Manufacture of other textiles
141	Manufacture of wearing apparel, except fur apparel

<u>Nic -2008</u> <u>(3 Digit)</u>	<u>Description</u>
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
152	Manufacture of footwear
161	Saw milling and planning of wood
162	Manufacture of products of wood, cork, straw and plaiting materials
170	Manufacture of paper and paper products
181	Printing and service activities related to printing
191	Manufacture of coke oven products
192	Manufacture of refined petroleum products
201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
202	Manufacture of other chemical products
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products
221	Manufacture of rubber products
222	Manufacture of plastics products
231	Manufacture of glass and glass products
239	Manufacture of non-metallic mineral products n.e.c.
241	Manufacture of basic iron and steel
242	Manufacture of basic precious and other non-ferrous metals
243	Casting of metals
251	Manufacture of structural metal products, tanks, reservoirs and steam generators
259	Manufacture of other fabricated metal products; metalworking service activities
261	Manufacture of electronic components
262	manufacture of computers and peripheral equipment
263	Manufacture of communication equipment
265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
272	Manufacture of batteries and accumulators
273	Manufacture of wiring and wiring devices
274	Manufacture of electric lighting equipment
281	Manufacture of general purpose machinery
282	Manufacture of special-purpose machinery
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
293	Manufacture of parts and accessories for motor vehicles
301	Building of ships and boats
310	Manufacture of furniture
321	Manufacture of jewellery, bijouterie and related articles
325	Manufacture of medical and dental instruments and supplies
329	Other manufacturing nec

nec : not-elsewhere classification