

Quick Estimates of Index of Industrial Production and Use-Based Index for the Month of December, 2016 (Base 2004-05=100)

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The Quick Estimates of Index of Industrial Production (IIP) with base 2004-05 for the month of December 2016 have been released by the Central Statistics Office of the Ministry of Statistics and Programme Implementation. IIP is compiled using data received from 15 source agencies viz. (i) Department of Industrial Policy & Promotion (DIPP); (ii) Indian Bureau of Mines; (iii) Central Electricity Authority; (iv) Joint Plant Committee, Ministry of Steel; (v) Ministry of Petroleum & Natural Gas; (vi) Office of Textile Commissioner; (vii) Department of Chemicals & Petrochemicals; (viii) Directorate of Sugar & Vegetable Oils; (ix) Department of Fertilizers; (x) Tea Board; (xi) Office of Jute Commissioner; (xii) Office of Coal Controller; (xiii) Railway Board; (xiv) Office of Salt Commissioner; and (xv) Coffee Board.

- The General Index for the month of December 2016 stands at 183.5, which is 0.4 percent lower as compared to the level in the month of December 2015. The cumulative growth for the period April-December 2016 over the corresponding period of the previous year stands at 0.3 percent.
- The Indices of Industrial Production for the Mining, Manufacturing and Electricity sectors for the month of December 2016 stand at 144.5, 189.3 and 194.7 respectively, with the corresponding growth rates of 5.2 percent, (-) 2.0 percent and 6.3 percent as compared to December 2015 (Statement I). The cumulative growth in these three sectors during April-December 2016 over the corresponding period of 2015 has been 0.9 percent, (-) 0.5 percent and 5.1 percent respectively.
- In terms of industries, seventeen out of the twenty two industry groups (as per 2-digit NIC-2004) in the manufacturing sector have shown negative growth during the month of December 2016 as compared to the corresponding month of the previous year (Statement II). The industry group 'Office, accounting and computing machinery' has shown the highest negative growth of (-) 23.9 percent followed by (-) 22.9 percent in 'Other transport equipment' and (-) 14.4 percent in 'Luggage, handbags, saddlery, harness & footwear; tanning and dressing of leather products'. On the other hand, the industry group 'Basic metals' has shown the highest positive growth of 11.1 percent followed by 9.8 percent in 'Radio, TV and communication equipment & apparatus' and 3.0 percent in 'Coke, refined petroleum products and nuclear fuel'.
- As per Use-based classification, the growth rates in December 2016 over December 2015 are 5.3 percent in Basic goods, (-) 3.0 percent in Capital goods and (-) 1.2 percent in Intermediate goods (Statement III). The Consumer durables and Consumer non-durables have recorded growth of (-) 10.3 percent and (-) 5.0 percent respectively, with the overall growth in Consumer goods being (-) 6.8 percent.
- Some important items that have registered high negative growth include 'Woolen Carpets' [(-) 51.3%], 'Three-Wheelers (including passenger and goods carrier)' [(-) 43.3%], 'Ayurvedic Medicaments' [(-) 39.6%], 'Molasses' [(-) 37.9%], 'Rice' [(-) 32.8%], 'Propylene' [(-) 28.5%], 'Scooter and Mopeds' [(-) 26.3%], 'Transformers (small)' [(-) 26.1%], 'Air Conditioner (Room)' [(-) 25.7%], 'Motor Cycles' [(-) 24.6%], 'Leather Garments' [(-) 23.2%], 'Conductor, Aluminium' [(-) 21.1%] and 'Pressure cooker' [(-) 20.4%].
- Some important items showing high positive growth during the current month over the same month in previous year include 'Fruit Pulp' (120.1%), 'Electric sheets' (99.9%), 'Cable, Rubber Insulated' (55.5%), 'HR Coils/ Skelp' (50.4%), 'Vitamins' (37.4%), 'Aviation Turbine Fuel' (32.7%), 'Ship Building and Repairs' (31.2%), 'Sponge iron' (28.9%), 'Plates' (22.3%) and 'Tractors (complete)' (21.4%).
- Taking into account the weights, the dominant item groups (five each) which have positively and negatively contributed to the overall growth of IIP are given below:

Item Group	Weights (%)	Contribution
High Negative Contributors		
Commercial Vehicles	1.93	-0.4557
Gems And Jewellery	1.77	-0.3185
Motor Cycles	0.95	-0.2833
Cement All Kinds	2.41	-0.2639
Rice	0.66	-0.2406
High Positive Contributors		
H R Coils/Skelp	1.30	0.8363
Electricity	10.32	0.6441
Mineral index	14.16	0.5534
sponge iron	0.99	0.3009
Plates	1.25	0.2513

- Along with the Quick Estimates of IIP for the month of December 2016, the indices for November 2016 have undergone the first revision and those for September 2016 have undergone the final revision in the light of the updated data received from the source agencies. It may be noted that these revised indices (first revision) in respect of November 2016 may undergo final (second) revision along with the release of IIP for the month of February 2017.
- Statements giving Quick Estimates of the Index of Industrial Production at Sectoral, 2-digit level of National Industrial Classification (NIC-2004) and by Use-based classification for the month of December 2016, along with the growth rates over the corresponding month of the previous year including the cumulative indices are enclosed.

STATEMENT I: INDEX OF INDUSTRIAL PRODUCTION - SECTORAL								
(Base : 2004-05=100)								
Month	Mining (141.57)		Manufacturing (755.27)		Electricity (103.16)		General (1000.00)	
	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
Apr	121.9	122.7	188.5	181.7	177.2	203.0	177.9	175.5
May	127.9	130.1	187.3	188.7	195.0	204.2	179.7	182.0
Jun	121.6	128.0	189.5	191.4	183.7	198.9	179.3	183.2
Jul	117.7	118.7	190.9	184.2	190.3	193.3	180.5	175.9
Aug	120.2	113.1	184.8	184.3	194.4	194.6	176.6	175.3
Sep	119.3	115.2	186.9	188.7	195.7	200.4	178.2	179.5
Oct	130.8	129.9	188.1	183.6	201.6	203.9	181.4	178.1
Nov	130.8	135.7	171.7	181.1	175.6	191.2	166.3	175.7
Dec*	137.3	144.5	193.1	189.3	183.2	194.7	184.2	183.5
Jan	138.8		194.8		188.3		186.2	
Feb	136.1		193.9		181.9		184.5	
Mar	149.5		208.1		197.2		198.7	
Average								
Apr-Dec	125.3	126.4	186.8	185.9	188.5	198.2	178.2	178.7
Growth over the corresponding period of previous year								
Dec	2.8	5.2	-1.9	-2.0	3.2	6.3	-0.9	-0.4
Apr-Dec	2.3	0.9	3.2	-0.5	4.5	5.1	3.2	0.3
* Indices for Dec 2016 are Quick Estimates.								
NOTE : Indices for the months of Sep'16 and Nov'16 incorporate updated production data.								

STATEMENT II: INDEX OF INDUSTRIAL PRODUCTION - (2-DIGIT LEVEL)

(Base: 2004-05=100)

Industry code	Description	Weight	Index		Cumulative Index		Percentage growth	
			Dec'15	Dec'16	Apr-Dec		Dec'16	Apr-Dec
					2015-16	2016-17		
15	Food products and beverages	72.76	223.9	216.1	149.1	143.9	-3.5	-3.5
16	Tobacco products	15.70	117.6	107.2	104.8	104.9	-8.8	0.1
17	Textiles	61.64	166.2	155.3	155.0	157.1	-6.6	1.4
18	Wearing apparel; dressing and dyeing of fur	27.82	223.5	205.4	185.2	177.5	-8.1	-4.2
19	Luggage, handbags, saddlery, harness & footwear; tanning and dressing of leather products	5.82	144.1	123.3	146.7	134.9	-14.4	-8.0
20	Wood and products of wood & cork except furniture; articles of straw & plating materials	10.51	165.0	147.2	154.2	149.5	-10.8	-3.0
21	Paper and paper products	9.99	147.7	144.8	146.6	147.3	-2.0	0.5
22	Publishing, printing & reproduction of recorded media	10.78	163.7	160.0	161.3	158.3	-2.3	-1.9
23	Coke, refined petroleum products & nuclear fuel	67.15	160.4	165.2	149.7	161.2	3.0	7.7
24	Chemicals and chemical products	100.59	148.8	142.0	143.8	146.4	-4.6	1.8
25	Rubber and plastics products	20.25	193.3	184.3	187.8	191.6	-4.7	2.0
26	Other non-metallic mineral products	43.14	174.6	158.5	165.5	166.9	-9.2	0.8
27	Basic metals	113.35	219.9	244.2	223.3	237.5	11.1	6.4
28	Fabricated metal products, except machinery & equipment	30.85	190.6	188.0	177.0	177.6	-1.4	0.3
29	Machinery and equipment n.e.c.	37.63	219.1	222.1	216.5	232.9	1.4	7.6
30	Office, accounting & computing machinery	3.05	111.3	84.7	66.4	59.6	-23.9	-10.2
31	Electrical machinery & apparatus n.e.c.	19.80	305.1	310.5	501.8	281.0	1.8	-44.0
32	Radio, TV and communication equipment & apparatus	9.89	300.0	329.3	349.6	393.1	9.8	12.4
33	Medical, precision & optical instruments, watches and clocks	5.67	113.7	108.5	98.4	97.3	-4.6	-1.1
34	Motor vehicles, trailers & semi-trailers	40.64	234.1	216.8	236.2	250.2	-7.4	5.9
35	Other transport equipment	18.25	249.7	192.6	265.7	276.7	-22.9	4.1
36	Furniture; manufacturing n.e.c.	29.97	171.3	149.2	173.1	163.8	-12.9	-5.4
10	Mining & Quarrying	141.57	137.3	144.5	125.3	126.4	5.2	0.9
15-36	Manufacturing	755.27	193.1	189.3	186.8	185.9	-2.0	-0.5
40	Electricity	103.16	183.2	194.7	188.5	198.2	6.3	5.1
	General Index	1000	184.2	183.5	178.2	178.7	-0.4	0.3

*Industry codes are as per National Industrial Classification 2004

STATEMENT III: INDEX OF INDUSTRIAL PRODUCTION - USE-BASED
(Base : 2004-05=100)

Month	Basic goods		Capital goods		Intermediate goods		Consumer goods					
	(456.82)		(88.25)		(156.86)		Total (298.08)		Durables (84.60)		Non-durables (213.47)	
	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
Apr	167.3	175.4	248.0	185.2	153.2	156.7	186.5	182.8	258.7	289.2	157.9	140.6
May	177.4	184.4	234.9	205.6	157.4	164.0	178.7	180.8	252.4	267.2	149.5	146.5
Jun	171.9	182.2	265.4	222.8	153.1	162.3	179.0	184.1	246.1	259.5	152.4	154.2
Jul	171.6	174.5	289.9	204.6	158.5	164.1	173.2	175.6	244.2	258.4	145.1	142.8
Aug	170.0	176.0	267.5	207.7	156.2	161.4	170.8	171.8	256.0	261.4	137.0	136.3
Sep	168.0	174.7	287.2	225.2	154.0	157.4	174.5	185.1	262.0	298.4	139.8	140.2
Oct	175.0	182.4	278.6	203.6	154.7	158.8	176.3	173.9	272.2	273.8	138.3	134.3
Nov	167.3	175.2	190.6	219.1	149.2	153.1	166.8	175.4	226.1	247.4	143.3	146.9
Dec*	175.8	185.2	219.5	212.9	161.4	159.5	198.6	185.0	242.5	217.5	181.2	172.1
Jan	178.8		212.2		162.8		202.1		260.5		178.9	
Feb	173.5		231.1		159.2		200.8		277.2		170.5	
Mar	188.7		280.7		171.8		204.0		288.3		170.6	
Average												
Apr-Dec	171.6	178.9	253.5	209.6	155.3	159.7	178.3	179.4	251.1	263.6	149.4	146.0
Growth over the corresponding period of previous year												
Dec	0.7	5.3	-18.6	-3.0	1.5	-1.2	3.2	-6.8	16.6	-10.3	-2.7	-5.0
Apr-Dec	3.5	4.3	1.9	-17.3	2.0	2.8	4.0	0.6	12.3	5.0	-0.9	-2.3

* Indices for Dec 2016 are Quick Estimates.

NOTE : Indices for the months of Sep'16 and Nov'16 incorporate updated production data.

