

**GOVERNMENT OF INDIA**  
**MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION**  
**CENTRAL STATISTICS OFFICE**

New Delhi  
Dated: January 12, 2017

**PRESS RELEASE**

**QUICK ESTIMATES OF INDEX OF INDUSTRIAL PRODUCTION AND USE-  
BASED INDEX FOR THE MONTH OF NOVEMBER, 2016  
(BASE 2004-05=100)**

The Quick Estimates of Index of Industrial Production (IIP) with base 2004-05 for the month of November 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.

2. The General Index for the month of November 2016 stands at 175.8, which is 5.7 percent higher as compared to the level in the month of November 2015. The cumulative growth for the period April-November 2016 over the corresponding period of the previous year stands at 0.4 percent.
3. The Indices of Industrial Production for the Mining, Manufacturing and Electricity sectors for the month of November 2016 stand at 135.9, 181.2 and 191.2 respectively, with the corresponding growth rates of 3.9 percent, 5.5 percent and 8.9 percent as compared to November 2015 (Statement I). The cumulative growth in these three sectors during April-November 2016 over the corresponding period of 2015 has been 0.3 percent, (-) 0.3 percent and 5.0 percent respectively.
4. In terms of industries, sixteen out of the twenty two industry groups (as per 2-digit NIC-2004) in the manufacturing sector have shown positive growth during the month of November 2016 as compared to the corresponding month of the previous year (Statement II). The industry group 'Radio, TV and communication equipment & apparatus' has shown the highest positive growth of 32.2 percent followed by 23.2 percent in 'Electrical machinery & apparatus n.e.c.' as well as in 'Motor vehicles, trailers and semi-trailers'. On the other hand, 'Furniture; manufacturing n.e.c.' has shown the highest negative growth of (-) 16.5 percent followed by (-) 5.2 percent in 'Office, accounting and computing machinery' and (-) 3.2 percent in 'Tobacco products'.

5. As per Use-based classification, the growth rates in November 2016 over November 2015 are 4.7 percent in Basic goods, 15.0 percent in Capital goods and 2.7 percent in Intermediate goods (Statement III). The Consumer durables and Consumer non-durables have recorded growth of 9.8 percent and 2.9 percent respectively, with the overall growth in Consumer goods being 5.6 percent.
6. Some important items showing high positive growth during the current month over the same month in previous year include 'Cable, Rubber Insulated' (185.0%), 'Tractors (complete)' (95.0%), 'Telephone instruments including mobile phone and accessories' (42.8%), 'Passenger cars' (29.5%), 'Aviation Turbine Fuel' (28.3%), 'Plastic Machinery including Moulding Machinery' (24.1%) and 'Sugar' (21.2%).
7. Some important items that have registered high negative growth include 'H R Sheets' [(-) 49.7%], 'Kerosene' [(-) 35.7%], 'Molasses' [(-) 26.2%], 'Gems and Jewellery' [(-) 25.4%], 'Polypropylene (including co-polymer)' [(-) 23.1%] and 'Sugar Machinery' [(-) 20.4%].
8. 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
<b>High Positive Contributors</b>		
Electricity	10.32	0.9674
Passenger Cars	1.97	0.8235
Cable, Rubber Insulated	0.12	0.6452
Telephone Instruments Including Mobile Phone And Accessories	0.22	0.5940
Mineral index	14.16	0.4340
<b>High Negative Contributors</b>		
Gems And Jewellery	1.77	-0.5269
H R Sheets	0.31	-0.1359
Packaging Machinery	0.06	-0.1152
Propylene	0.41	-0.0849
Leather Garments	0.75	-0.0848

9. Along with the Quick Estimates of IIP for the month of November 2016, the indices for October 2016 have undergone the first revision and those for August 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 October 2016 may undergo final (second) revision along with the release of IIP for the month of January 2017.

10. 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 November 2016, along with the growth rates over the corresponding month of the previous year including the cumulative indices are enclosed.

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Note: -

1. This Press release information is also available at the Website of the Ministry - <http://www.mospi.nic.in>
2. Release of the index for December 2016 will be on Friday, 10 February 2017.
3. Press release in Hindi follows and shall be available at: <http://mospi.nic.in/hi>

**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	115.5	186.9	188.5	195.7	200.4	178.2	179.4
Oct	130.8	129.9	188.1	183.6	201.6	203.9	181.4	178.1
Nov*	130.8	135.9	171.7	181.2	175.6	191.2	166.3	175.8
Dec	137.3		193.1		183.2		184.2	
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-Nov	123.8	124.2	186.0	185.5	189.2	198.7	177.5	178.2
Growth over the corresponding period of previous year								
Nov	1.7	3.9	-4.6	5.5	0.7	8.9	-3.4	5.7
Apr-Nov	2.1	0.3	3.9	-0.3	4.6	5.0	3.8	0.4

\* Indices for Nov 2016 are Quick Estimates.

NOTE : Indices for the months of Aug'16 and Oct'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	
			Nov'15	Nov'16	Apr-Nov 2015-16	Apr-Nov 2016-17	Nov'16	Apr-Nov 2016-17
15	Food products and beverages	72.76	154.5	166.1	139.7	135.0	7.5	-3.4
16	Tobacco products	15.70	100.9	97.7	103.2	104.6	-3.2	1.4
17	Textiles	61.64	144.5	150.1	153.7	157.3	3.9	2.3
18	Wearing apparel; dressing and dyeing of fur	27.82	164.2	165.6	180.5	174.0	0.9	-3.6
19	Luggage, handbags, saddlery, harness & footwear; tanning and dressing of leather products	5.82	128.1	129.4	147.1	136.4	1.0	-7.3
20	Wood and products of wood & cork except furniture; articles of straw & plating materials	10.51	130.5	145.5	152.9	149.8	11.5	-2.0
21	Paper and paper products	9.99	145.5	146.1	146.5	147.7	0.4	0.8
22	Publishing, printing & reproduction of recorded media	10.78	154.8	153.5	161.0	158.0	-0.8	-1.9
23	Coke, refined petroleum products & nuclear fuel	67.15	157.9	155.5	148.4	160.7	-1.5	8.3
24	Chemicals and chemical products	100.59	138.3	139.5	143.2	146.9	0.9	2.6
25	Rubber and plastics products	20.25	174.9	181.7	187.2	192.9	3.9	3.0
26	Other non-metallic mineral products	43.14	150.8	149.7	164.4	167.8	-0.7	2.1
27	Basic metals	113.35	213.8	224.1	223.7	236.6	4.8	5.8
28	Fabricated metal products, except machinery & equipment	30.85	168.1	176.9	175.3	176.3	5.2	0.6
29	Machinery and equipment n.e.c.	37.63	183.2	207.2	216.2	234.3	13.1	8.4
30	Office, accounting & computing machinery	3.05	63.2	59.9	60.8	56.5	-5.2	-7.1
31	Electrical machinery & apparatus n.e.c.	19.80	252.0	310.5	526.3	277.2	23.2	-47.3
32	Radio, TV and communication equipment & apparatus	9.89	299.3	395.6	355.8	401.2	32.2	12.8
33	Medical, precision & optical instruments, watches and clocks	5.67	96.2	100.4	96.5	95.8	4.4	-0.7
34	Motor vehicles, trailers & semi-trailers	40.64	219.6	270.5	236.5	254.4	23.2	7.6
35	Other transport equipment	18.25	248.9	254.6	267.7	287.3	2.3	7.3
36	Furniture; manufacturing n.e.c.	29.97	171.4	143.2	173.3	165.7	-16.5	-4.4
10	Mining & Quarrying	141.57	130.8	135.9	123.8	124.2	3.9	0.3
15-36	Manufacturing	755.27	171.7	181.2	186.0	185.5	5.5	-0.3
40	Electricity	103.16	175.6	191.2	189.2	198.7	8.9	5.0
	General Index	1000	166.3	175.8	177.5	178.2	5.7	0.4

\*Industry codes are as per National Industrial Classification 2004

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

Month	Basic goods (456.82)		Capital goods (88.25)		Intermediate goods (156.86)	
	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
May	177.4	184.4	234.9	205.6	157.4	164.0
Jun	171.9	182.2	265.4	222.8	153.1	162.3
Jul	171.6	174.5	289.9	204.6	158.5	164.1
Aug	170.0	176.0	267.5	207.7	156.2	161.4
Sep	168.0	174.6	287.2	225.1	154.0	157.2
Oct	175.0	182.4	278.6	203.6	154.7	158.8
Nov*	167.3	175.1	190.6	219.2	149.2	153.2
Dec	175.8		219.5		161.4	
Jan	178.8		212.2		162.8	
Feb	173.5		231.1		159.2	
Mar	188.7		280.7		171.8	
Average						
Apr-Nov	171.1	178.1	257.8	209.2	154.5	159.7
Growth over the corresponding period of previous year						
Nov	-0.5	4.7	-24.4	15.0	-1.5	2.7
Apr-Nov	3.9	4.1	4.7	-18.9	2.0	3.4

\* Indices for Nov 2016 are Quick Estimates.

NOTE : Indices for the months of Aug'16 and Oct'16 incorporate updated production data.

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

Month	Consumer goods					
	Total (298.08)		Durables (84.60)		Non-durables (213.47)	
	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
Apr	186.5	182.8	258.7	289.2	157.9	140.6
May	178.7	180.8	252.4	267.2	149.5	146.5
Jun	179.0	184.1	246.1	259.5	152.4	154.2
Jul	173.2	175.6	244.2	258.4	145.1	142.8
Aug	170.8	171.8	256.0	261.4	137.0	136.3
Sep	174.5	185.0	262.0	298.5	139.8	140.0
Oct	176.3	173.9	272.2	273.8	138.3	134.3
Nov*	166.8	176.1	226.1	248.3	143.3	147.5
Dec	198.6		242.5		181.2	
Jan	202.1		260.5		178.9	
Feb	200.8		277.2		170.5	
Mar	204.0		288.3		170.6	
Average						
Apr-Nov	175.7	178.8	252.2	269.5	145.4	142.8
Growth over the corresponding period of previous year						
Nov	1.0	5.6	12.2	9.8	-4.8	2.9
Apr-Nov	4.1	1.8	11.8	6.9	-0.5	-1.8

\* Indices for Nov 2016 are Quick Estimates.

NOTE : Indices for the months of Aug'16 and Oct'16 incorporate updated production data.