

Indexes of Industrial Production

[Table 1](#) **Industrial Production Indexes and Comparison - By Major Division (Base: 2011=100)**

[Table 2](#) **Industrial Production Indexes and Comparison (Base: 2011=100)**

Table1 Industrial Production Indexes and Comparison - By Major Divisions

Base: 2011=100

Period	Industry	Seasonally Adjusted	Mining & Quarrying	Manu- facturing	By Heavy/Light Industry		By Usage				Electricity & Gas Supply	Water Supply	Buildings Construction	Movement of Manu- facturing Production Index
					Heavy Industry	Light Industry	Final Demand Goods	Investment Goods		Producer Goods				
								Investment Goods	Consumer Goods					
Weights (%)	1000.00	1000.00	5.86	927.63	782.16	145.47	260.63	95.03	165.60	667.00	46.28	5.14	15.09	-
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	-
2012	99.75	99.75	97.27	99.68	99.70	99.57	94.42	94.91	94.15	101.73	99.18	99.41	107.12	-
2013	100.40	100.41	92.33	100.24	100.52	98.71	90.21	93.07	88.57	104.16	101.26	100.11	111.07	-
2014	106.80	106.81	90.70	106.89	108.14	100.19	96.13	105.66	90.67	111.10	102.53	100.64	122.80	-
2015	104.93	104.94	84.02	105.30	106.54	98.63	92.63	106.14	84.88	110.26	93.68	98.35	127.18	-
2016	106.54	106.54	76.43	107.40	109.01	98.75	90.84	105.95	82.17	113.88	90.86	98.84	115.60	-
Nov.	111.38	110.67	77.87	113.01	114.71	103.84	96.27	109.03	88.95	119.55	76.35	97.86	136.03	51.18
Dec.	112.07	109.99	86.31	113.88	115.20	106.76	97.39	114.93	87.33	120.32	73.57	102.12	132.54	44.98
2017														
Jan.	104.46	114.47	79.90	105.78	107.56	96.25	84.96	93.58	80.01	113.92	71.38	100.72	135.60	46.61
Feb.	96.05	107.58	62.63	98.25	100.35	87.00	78.51	89.52	72.19	105.97	67.06	89.82	64.85	59.01
Mar.	113.37	107.90	80.60	115.70	116.62	110.78	99.92	114.74	91.42	121.87	75.28	100.08	104.33	48.93
Apr.	102.51	105.75	73.00	104.71	106.25	96.47	86.80	99.37	79.60	111.71	64.68	96.54	96.96	53.07
May	109.71	105.97	87.29	111.77	113.20	104.05	92.75	105.98	85.16	119.20	68.85	103.73	119.09	50.35
June	111.77	108.95	71.90	113.53	115.44	103.25	97.18	115.83	86.47	119.92	83.28	99.22	110.81	52.89
July	111.51	108.58	75.93	113.12	116.01	97.61	90.96	108.46	80.91	121.78	91.06	103.38	91.95	54.43
Aug.	115.86	111.11	77.28	117.28	119.16	107.21	97.86	114.31	88.42	124.88	92.46	103.89	119.39	49.48
Sep.	112.07	112.12	77.93	113.50	115.68	101.75	95.29	112.28	85.53	120.62	86.34	99.65	120.88	51.09
Oct.(r)	111.91	109.71	69.46	113.58	116.56	97.58	91.80	107.18	82.97	122.10	84.78	102.52	112.32	49.80
Nov.(p)	112.33	110.38	74.78	114.32	116.32	103.57	98.03	114.80	88.41	120.69	79.02	97.78	111.55	51.76
Compared with Last Month (%)	0.38	0.61	7.66	0.65	-0.21	6.14	6.79	7.11	6.56	-1.15	-6.79	-4.62	-0.69	(1.96)
Compared with the same Month of last year (%)	0.85	-0.26	-3.97	1.16	1.40	-0.26	1.83	5.29	-0.61	0.95	3.50	-0.08	-18.00	--
Jan.-Current Month Compared with the Same Period	3.02	2.91	-0.01	3.97	4.20	2.53	2.15	1.68	2.50	4.53	-15.02	1.24	-5.33	--

Table1 Industrial Production Indexes and Comparison - By Major Divisions

Annual Change Rate (%)

Period	Industry	Seasonally Adjusted (Monthly Change)	Mining & Quarrying	Manu- facturing	By Heavy/Light Industry		By Usage				Electricity & Gas Supply	Water Supply	Buildings Construction	Movement of Manu- facturing Production Index
					Heavy Industry	Light Industry	Final Demand Goods	Investment Goods		Producer Goods				
								Investment Goods	Consumer Goods					
2011	4.44	4.44	-7.12	4.69	5.53	0.40	13.64	11.40	14.97	1.56	0.62	0.19	7.58	--
2012	-0.25	-0.25	-2.73	-0.32	-0.30	-0.43	-5.58	-5.09	-5.85	1.73	-0.82	-0.59	7.12	--
2013	0.65	0.66	-5.08	0.56	0.82	-0.86	-4.46	-1.94	-5.93	2.39	2.10	0.70	3.69	--
2014	6.37	6.37	-1.77	6.63	7.58	1.50	6.56	13.53	2.37	6.66	1.25	0.53	10.56	--
2015	-1.75	-1.75	-7.36	-1.49	-1.48	-1.56	-3.64	0.45	-6.39	-0.76	-8.63	-2.28	3.57	--
2016	1.53	1.52	-9.03	1.99	2.32	0.12	-1.93	-0.18	-3.19	3.28	-3.01	0.50	-9.11	--
Nov.	8.94	2.10	-8.88	10.46	11.38	5.28	2.24	2.48	2.09	13.33	-12.66	0.77	-10.35	(1.75)
Dec.	6.25	-0.61	-8.44	7.41	8.54	1.34	-0.59	0.57	-1.44	10.21	-3.29	-1.61	-20.68	(-6.20)
2017														
Jan.	2.46	4.07	-2.63	3.46	4.92	-4.46	-6.76	-6.12	-7.19	6.88	-23.15	0.96	12.45	(1.63)
Feb.	10.71	-6.02	2.81	14.08	13.74	16.36	15.25	12.14	17.59	13.76	-27.87	-3.33	-43.70	(12.40)
Mar.	3.68	0.30	2.06	5.17	5.22	4.93	4.98	0.75	8.27	5.23	-27.08	2.22	0.94	(-10.08)
Apr.	-0.15	-1.99	-7.45	1.37	1.59	0.21	-2.21	-7.59	2.06	2.52	-32.08	0.61	-1.62	(4.14)
May	0.85	0.21	3.07	2.01	2.07	1.59	-1.20	-5.18	1.84	3.02	-26.08	4.82	-1.44	(-2.72)
June	3.53	2.81	-6.09	4.08	4.04	4.32	3.63	1.21	5.57	4.21	-11.05	2.75	12.37	(2.54)
July	2.08	-0.34	-0.41	2.64	3.28	-1.23	-1.24	-0.21	-2.01	3.82	-6.59	3.24	-9.19	(1.54)
Aug.	3.29	2.33	-0.63	4.09	4.43	2.10	2.55	4.49	1.16	4.58	-2.50	1.21	-21.11	(-4.95)
Sep.	4.77	0.91	20.86	4.80	4.06	9.54	9.76	13.25	7.26	3.36	-2.20	0.84	18.63	(1.61)
Oct.(r)	2.55	-2.15	-4.07	2.83	3.51	-1.29	0.57	3.96	-1.81	3.53	-4.49	0.12	4.95	(-1.29)
Nov.(p)	0.85	0.61	-3.97	1.16	1.40	-0.26	1.83	5.29	-0.61	0.95	3.50	-0.08	-18.00	(1.96)

Note: 1. Movement of manufacturing production index = (The ratio of firms that expect increasing next month + The ratio of firms that expect unbiased next month × 0.5) × 100

2. () is the monthly percentage point change of movement of manufacturing production index.

Table2 Industrial Production Indexes and Comparison - By Sectors(1/2)

Base: 2011=100

Period	C	08	09	10	11	12	13	14	15	16	17	18	19	20
	Manu- facturing	Food	Beverages	Tobacco	Textiles Mills	Wearing Apparel & Clothing Accessories	Leather, Fur & Related Products	Wood & Bamboo Products	Pulp, Paper & Paper Products	Printing & Reproduction of Recorded Media	Petroleum & Coal Products	Chemical Material	Chemical Products	Pharmaceuticals & Medicinal Chemical Products
Weights (%)	927.63	27.35	9.31	4.79	18.68	2.39	1.68	1.22	10.20	7.06	18.78	108.36	15.89	9.31
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	99.68	100.68	102.49	105.56	96.85	89.00	93.95	99.95	99.90	94.34	106.78	102.79	97.38	103.59
2013	100.24	100.65	97.89	104.90	98.82	82.25	87.76	100.30	99.28	90.51	110.36	103.60	100.69	104.28
2014	106.89	99.95	99.21	103.95	98.39	82.38	88.37	98.97	100.63	87.99	111.37	101.63	102.57	100.59
2015	105.30	100.34	97.74	103.53	94.54	76.86	64.00	92.93	98.60	84.12	110.87	104.60	103.87	104.76
2016	107.40	103.63	96.06	127.75	93.16	71.84	52.52	98.88	100.87	87.36	108.80	106.36	104.95	108.33
Nov.	113.01	105.38	101.96	186.24	94.95	79.20	54.18	105.19	108.38	97.91	104.73	106.90	112.86	108.12
Dec.	113.88	111.69	94.84	195.64	96.31	76.57	51.56	108.28	107.42	99.39	112.57	110.10	113.54	122.51
2017														
Jan.	105.78	106.82	95.29	157.24	84.46	60.01	47.01	91.29	96.57	76.95	108.73	111.22	102.95	108.02
Feb.	98.25	90.47	85.52	168.61	82.70	50.61	41.32	80.88	91.73	69.39	101.85	98.92	94.09	93.44
Mar.	115.70	108.83	104.15	226.68	103.10	60.52	64.89	103.79	110.17	90.26	107.98	105.39	119.96	122.06
Apr.	104.71	95.32	84.68	211.08	90.40	53.25	53.37	96.89	93.86	79.89	92.87	102.38	104.72	105.85
May	111.77	103.94	97.11	250.84	92.79	61.88	54.07	98.81	99.14	80.86	106.50	110.22	112.82	110.16
June	113.53	103.46	101.00	126.49	92.40	63.93	57.04	112.59	106.19	82.59	109.31	110.74	112.72	125.78
July	113.12	105.56	95.83	54.57	88.72	67.09	49.00	101.22	105.10	86.38	114.29	114.15	110.73	110.43
Aug.	117.28	113.17	126.26	111.62	94.89	70.75	53.87	105.28	103.04	88.10	119.30	110.62	118.89	108.33
Sep.	113.50	104.42	113.59	129.87	91.04	60.79	50.34	98.84	103.18	81.97	111.25	103.82	112.21	108.59
Oct.(r)	113.58	100.49	91.92	114.38	91.64	60.71	48.16	100.13	100.43	88.98	93.10	111.66	113.59	104.80
Nov.(p)	114.32	104.77	100.30	139.10	91.36	67.24	49.31	108.16	104.18	93.97	97.89	110.10	116.92	113.28
Compared with Last Month (%)	0.65	4.26	9.12	21.61	-0.31	10.76	2.39	8.02	3.73	5.61	5.15	-1.40	2.93	8.09
Compared with the same Month of last year (%)	1.16	-0.58	-1.63	-25.31	-3.78	-15.10	-8.99	2.82	-3.88	-4.02	-6.53	2.99	3.60	4.77
Jan.-Current Month Compared with the Same Period	3.97	0.49	3.57	26.40	-1.77	-13.84	-1.77	1.82	0.97	-3.12	-2.52	1.97	6.44	2.83

Table2 Industrial Production Indexes and Comparison - By Sectors(1/2)

Annual Change Rate (%)

Period	C	08	09	10	11	12	13	14	15	16	17	18	19	20
	Manu- facturing	Food	Beverages	Tobacco	Textiles Mills	Wearing Apparel & Clothing Accessories	Leather, Fur & Related Products	Wood & Bamboo Products	Pulp, Paper & Paper Products	Printing & Reproduction of Recorded Media	Petroleum & Coal Products	Chemical Material	Chemical Products	Pharmaceuticals & Medicinal Chemical Products
2011	4.69	0.70	9.18	11.30	-6.15	-13.35	-16.28	6.12	0.43	1.03	-7.30	-6.54	0.99	-0.47
2012	-0.32	0.68	2.49	5.56	-3.15	-11.00	-6.05	-0.05	-0.10	-5.66	6.78	2.79	-2.62	3.59
2013	0.56	-0.03	-4.49	-0.63	2.03	-7.58	-6.59	0.35	-0.62	-4.06	3.35	0.79	3.40	0.67
2014	6.63	-0.70	1.35	-0.91	-0.44	0.16	0.70	-1.33	1.36	-2.78	0.92	-1.90	1.87	-3.54
2015	-1.49	0.39	-1.48	-0.40	-3.91	-6.70	-27.58	-6.10	-2.02	-4.40	-0.45	2.92	1.27	4.15
2016	1.99	3.28	-1.72	23.39	-1.46	-6.53	-17.94	6.40	2.30	3.85	-1.87	1.68	1.04	3.41
Nov.	10.46	6.79	2.91	44.85	4.15	6.97	-2.69	6.81	11.62	4.91	0.57	5.01	13.54	5.87
Dec.	7.41	5.42	-12.32	50.26	2.90	-0.52	-8.60	9.63	1.86	6.48	-0.20	3.57	4.30	7.84
2017														
Jan.	3.46	-4.69	2.25	84.79	-10.33	-19.40	-4.47	-7.73	-4.42	-17.19	-1.04	9.94	0.25	-0.74
Feb.	14.08	6.89	14.44	177.73	11.58	-21.28	11.14	14.85	17.84	7.30	-9.05	0.91	28.35	13.97
Mar.	5.17	2.23	8.22	117.46	-1.23	-18.23	3.33	1.65	3.51	-5.82	1.82	-4.69	3.26	-4.21
Apr.	1.37	-5.04	3.91	111.63	-6.97	-18.22	-3.82	0.51	-5.74	-7.81	-9.96	-3.84	0.18	-6.19
May	2.01	0.89	-7.12	118.65	-3.52	-12.60	-6.44	-1.06	-3.23	-5.35	-12.13	3.06	0.86	-9.43
June	4.08	1.68	-2.88	10.59	2.56	-8.23	0.40	15.60	5.37	-2.95	-3.10	3.92	7.87	27.79
July	2.64	-1.75	-9.68	-50.49	-1.48	-3.36	-7.18	3.94	4.32	2.48	5.18	1.00	9.29	11.39
Aug.	4.09	2.94	7.33	-32.68	-1.77	-10.04	5.75	-3.31	-2.25	-0.44	8.51	2.92	7.48	6.17
Sep.	4.80	7.73	28.87	1.59	0.04	-7.39	1.53	2.05	7.52	4.42	6.20	4.35	11.21	5.09
Oct.(r)	2.83	-3.19	2.36	-32.07	-1.35	-18.24	-7.13	-4.49	-3.76	-0.18	-6.84	1.87	6.12	-7.86
Nov.(p)	1.16	-0.58	-1.63	-25.31	-3.78	-15.10	-8.99	2.82	-3.88	-4.02	-6.53	2.99	3.60	4.77

Table2 Industrial Production Indexes and Comparison - By Sectors(2/2)

Base: 2011=100

Period	21 Rubber Products	22 Plastic Products	23 Non-metallic Mineral Products	24 Basic Metal	25 Fabricated Metal Products	26 Electronic Parts & Components	27 Computers, Electronic & Optical Products	28 Electrical Equipment	29 Machinery & Equipment	30 Motor Vehicles & Parts	31 Other Transport Equipment & Parts	32 Furniture	33 Manufacturing Not Elsewhere Classified	34 Repair & Installation of Industrial Machinery
Weights (%)	7.97	17.65	13.41	89.61	48.65	293.87	88.17	23.50	51.13	20.98	16.05	2.21	13.46	5.94
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	95.26	99.67	94.83	95.98	96.35	105.37	87.34	95.17	90.84	100.39	105.11	102.09	103.14	97.30
2013	94.10	98.85	94.09	98.89	98.08	109.68	78.26	92.85	84.88	98.24	105.50	101.20	105.45	91.99
2014	99.56	101.66	95.20	103.21	102.07	122.52	87.82	96.46	94.94	106.37	111.70	105.48	117.05	103.83
2015	99.96	98.60	91.52	96.61	96.79	122.94	80.76	93.10	92.83	101.89	111.02	104.37	118.07	112.73
2016	97.39	97.17	84.93	100.48	97.07	130.11	77.74	94.94	85.86	97.26	97.83	103.67	124.91	131.87
Nov.	102.44	100.22	86.70	103.08	102.88	140.14	84.32	97.80	89.01	100.78	96.05	108.79	136.21	138.81
Dec.	105.68	99.59	91.97	105.24	103.33	138.57	77.23	97.64	98.93	103.21	102.91	119.83	140.16	149.87
2017														
Jan.	87.73	90.15	83.25	99.32	92.08	131.17	66.76	85.13	81.71	90.77	89.76	98.51	121.43	134.66
Feb.	89.20	84.61	68.35	99.07	85.79	121.47	64.58	78.89	75.64	82.92	82.02	80.97	114.65	126.45
Mar.	116.21	108.76	86.85	111.15	107.78	138.63	79.08	104.21	99.94	110.36	104.53	114.94	147.61	172.66
Apr.	101.84	94.11	81.44	104.34	97.92	126.59	64.58	92.31	90.06	97.81	90.95	96.78	127.96	152.14
May	107.54	100.34	87.75	107.99	98.98	136.03	69.58	99.16	97.10	98.89	100.08	99.23	132.72	152.91
June	112.29	105.76	82.55	95.97	104.33	138.47	80.13	101.29	103.40	104.59	110.81	107.56	141.37	179.53
July	103.88	100.11	86.52	102.73	97.79	142.28	73.00	97.28	95.26	98.46	111.66	101.52	136.20	143.37
Aug.	108.84	106.38	86.41	105.82	108.50	145.24	79.53	102.59	101.71	97.22	111.69	113.78	148.91	165.07
Sep.	103.78	101.37	86.23	100.64	102.31	142.48	80.54	96.85	99.50	94.88	109.21	107.13	143.54	155.05
Oct.(r)	99.00	96.98	85.73	95.71	97.33	147.43	77.00	93.37	96.82	96.57	102.26	98.50	138.07	153.36
Nov.(p)	106.46	99.24	83.00	101.76	101.80	140.22	80.77	100.63	104.72	106.68	109.88	119.88	153.39	156.72
Compared with Last Month (%)	7.54	2.33	-3.18	6.32	4.59	-4.89	4.90	7.78	8.16	10.47	7.45	21.71	11.10	2.19
Compared with the same Month of last year (%)	3.92	-0.98	-4.27	-1.28	-1.05	0.06	-4.21	2.89	17.65	5.85	14.40	10.19	12.61	12.90
Jan.-Current Month Compared with the Same Period	6.94	2.00	-0.98	2.19	3.12	6.13	-4.68	0.96	12.29	1.43	4.85	1.30	10.82	18.11

Table2 Industrial Production Indexes and Comparison - By Sectors(2/2)

Annual Change Rate (%)

Period	21 Rubber Products	22 Plastic Products	23 Non-metallic Mineral Products	24 Basic Metal	25 Fabricated Metal Products	26 Electronic Parts & Components	27 Computers, Electronic & Optical Products	28 Electrical Equipment	29 Machinery & Equipment	30 Motor Vehicles & Parts	31 Other Transport Equipment & Parts	32 Furniture	33 Manufacturing Not Elsewhere Classified	34 Repair & Installation of Industrial Machinery
2011	0.43	1.05	6.48	4.10	9.53	3.38	39.90	1.27	9.12	8.14	2.75	-0.30	0.68	10.08
2012	-4.74	-0.33	-5.17	-4.02	-3.65	5.37	-12.66	-4.83	-9.16	0.39	5.11	2.09	3.14	-2.70
2013	-1.22	-0.82	-0.78	3.03	1.80	4.09	-10.40	-2.44	-6.56	-2.14	0.37	-0.87	2.24	-5.46
2014	5.80	2.84	1.18	4.37	4.07	11.71	12.22	3.89	11.85	8.28	5.88	4.23	11.00	12.87
2015	0.40	-3.01	-3.87	-6.39	-5.17	0.34	-8.04	-3.48	-2.22	-4.21	-0.61	-1.05	0.87	8.57
2016	-2.57	-1.45	-7.20	4.01	0.29	5.83	-3.74	1.98	-7.51	-4.54	-11.88	-0.67	5.79	16.98
Nov.	9.58	6.54	-5.45	18.33	12.12	17.48	-2.24	3.62	6.29	3.39	-9.09	0.98	12.91	11.37
Dec.	1.74	-0.75	-3.55	15.75	3.03	14.58	-8.71	-0.13	8.79	-0.81	-1.23	-6.72	10.83	8.43
2017														
Jan.	-8.23	-4.63	-7.11	2.29	-2.23	11.68	-12.33	-12.46	2.87	-13.11	-10.67	-13.51	-3.46	4.65
Feb.	23.48	19.09	6.81	10.80	18.41	19.29	9.20	13.45	17.34	19.31	4.26	11.85	24.99	28.02
Mar.	6.38	3.76	-0.96	5.85	3.67	9.94	0.69	-1.61	9.08	0.39	-6.07	-0.25	8.20	11.83
Apr.	6.50	-3.61	-4.51	3.74	1.28	6.04	-16.43	-7.47	7.65	10.18	-4.64	-6.85	7.43	20.76
May	7.21	-1.43	-3.94	2.73	-3.04	5.27	-11.64	-1.29	6.81	-8.24	-3.72	0.88	3.91	30.07
June	15.15	7.29	-4.53	-4.36	5.05	4.81	-1.44	2.72	14.12	-5.99	14.13	3.42	16.60	39.73
July	5.71	0.00	0.30	1.31	-0.06	5.48	-7.08	1.01	7.41	-2.90	12.63	3.76	13.27	1.49
Aug.	6.95	0.82	-0.59	3.34	4.11	4.39	-3.95	1.91	14.41	12.21	7.03	6.71	14.69	15.41
Sep.	12.21	5.78	10.17	10.01	13.83	-1.68	1.60	14.60	22.60	13.13	19.91	4.90	18.08	15.45
Oct.(r)	1.58	0.65	1.26	-8.46	-0.71	7.13	-3.14	2.79	16.78	-2.96	9.36	-2.48	7.10	26.51
Nov.(p)	3.92	-0.98	-4.27	-1.28	-1.05	0.06	-4.21	2.89	17.65	5.85	14.40	10.19	12.61	12.90