



**Monthly Report on the Input-Output Price Index of
the Manufacturing Industry by Sector (IOPI)**
(Preliminary Figures for December 2019)

monthly change, % () : yearly change, %

	Input price index					Output price index			
	Manufacturing industry	Goods			Services	Manufacturing industry	Domestic goods		Exports
		Domestic goods	Imports	Domestic goods			Exports		
Weight	1,000,000	924,842	718,760	206,082	75,158	1,000,000	829,751	170,249	
2018/ Nov.	0.3(4.6)	0.4(4.8)	0.0(2.4)	1.5(13.8)	0.5(1.4)	-0.3(1.8)	-0.4(2.1)	0.2(0.7)	
Dec.	-1.7(2.0)	-1.9(2.0)	-0.1(1.9)	-7.2(2.4)	-0.2(0.9)	-0.9(0.6)	-0.7(1.0)	-1.3(-0.9)	
2019/ Jan.	-2.1(-0.3)	-2.2(-0.5)	-0.7(0.7)	-7.6(-4.8)	-0.7(1.2)	-0.9(-0.6)	-0.6(0.0)	-2.4(-2.9)	
Feb.	0.4(-0.1)	0.5(-0.1)	0.2(0.9)	1.7(-3.5)	0.1(1.0)	0.4(0.1)	0.3(0.3)	0.8(-1.0)	
Mar.	1.0(1.5)	0.9(1.5)	0.2(1.2)	3.5(3.0)	1.5(1.2)	0.3(0.7)	0.2(0.7)	0.5(0.6)	
Apr.	0.6(1.4)	0.7(1.4)	0.4(1.0)	1.6(3.0)	-0.7(1.2)	0.5(0.8)	0.6(0.9)	0.5(0.6)	
May	-0.2(0.0)	-0.1(-0.1)	-0.3(0.2)	0.5(-1.2)	-0.7(1.1)	-0.3(-0.2)	-0.1(0.3)	-1.4(-2.3)	
June	-0.7(-1.6)	-0.8(-1.8)	-0.3(-0.3)	-2.4(-6.6)	0.0(0.8)	-0.6(-1.0)	-0.4(-0.3)	-1.3(-3.5)	
July	-0.9(-2.9)	-1.0(-3.2)	-0.1(-0.6)	-3.9(-11.5)	0.0(0.7)	-0.2(-1.4)	-0.3(-0.7)	-0.3(-4.3)	
Aug.	-0.2(-2.8)	-0.2(-3.1)	-0.2(-0.8)	-0.5(-10.6)	-0.4(0.7)	-0.4(-1.7)	-0.2(-0.9)	-1.2(-5.0)	
Sep.	-0.2(-3.0)	-0.2(-3.3)	0.0(-0.8)	-1.1(-11.5)	0.1(0.4)	0.0(-1.8)	0.0(-1.0)	0.1(-5.1)	
Oct.	-0.1(-3.7)	-0.1(-3.9)	-0.3(-1.2)	0.9(-12.8)	0.3(-0.2)	0.1(-2.3)	-0.1(-1.7)	0.7(-5.0)	
Nov.	0.1(-3.9)	0.1(-4.2)	0.0(-1.2)	0.3(-13.8)	0.7(0.0)	0.1(-1.9)	0.2(-1.1)	0.2(-5.0)	
Dec.(p)	0.4(-1.9)	0.4(-2.0)	0.1(-1.0)	1.7(-5.6)	-0.2(0.0)	0.2(-0.8)	0.2(-0.2)	0.2(-3.5)	
Contribution to change of All commodities	0.43(-1.8)	0.44(-1.8)	0.11(-0.6)	0.33(-1.2)	-0.01(0.0)	0.19(-0.8)	0.16(-0.2)	0.03(-0.7)	
Index (CY2011=100)	98.3	97.9	98.4	96.2	103.3	99.6	98.2	106.6	

Notes:
1. p : preliminary figures
2. r : revised figures

< Preliminary figures for Major sectors (December 2019) >

monthly change, % () : yearly change, %

Major sector	Input price index		Output price index		Major sector	Input price index		Output price index	
Beverages and Foods	0.5(-0.3)	0.2(0.2)	Production machinery	0.1(0.4)	0.2(0.5)				
Textile products	-0.4(-2.2)	-0.4(0.3)	Business oriented machinery	-0.1(-1.3)	-0.2(-2.0)				
Pulp, paper and wooden products	-0.1(-2.7)	0.0(1.5)	Electronic components	0.1(-0.6)	0.1(-2.3)				
Chemical products	0.4(-7.4)	0.0(-5.0)	Electrical machinery	0.1(-1.2)	-0.2(-2.4)				
Petroleum and coal products	4.0(-7.9)	1.7(-2.0)	Information and communication electronics equipment	0.1(-2.3)	0.4(-1.9)				
Plastic and rubber products	-0.4(-5.6)	0.0(-1.4)	Transportation equipment	0.0(-0.3)	0.1(-1.0)				
Ceramic, stone and clay products	0.0(-1.2)	-0.1(1.5)	Miscellaneous manufacturing products	0.1(1.0)	-0.1(0.6)				
Iron and steel	0.1(3.5)	-0.1(0.3)	(Reference) General machinery (2005 IOPI Classification)	0.1(0.2)	0.1(0.6)				
Non-ferrous metals	1.0(-3.5)	1.2(-0.1)	(Reference) Electrical machinery (2000 IOPI Classification)	0.1(-1.3)	0.0(-2.2)				
Metal products	0.1(0.1)	-0.1(1.3)	(Reference) Precision instruments (2005 IOPI Classification)	0.1(-0.5)	0.3(-2.9)				
General-purpose machinery	0.2(0.6)	0.1(0.8)	(Reference) Miscellaneous manufacturing products (2005 IOPI Classification)	-0.2(-3.1)	-0.1(-0.6)				

The next monthly report will be released on Thursday, February 27, 2020.

Appendix

Calendar-year Index
(Manufacturing industry sector)

yearly change,%

	Input price index					Output price index				
	Manufacturing industry	Goods	Domestic goods		Imports	Services	Manufacturing industry	Domestic goods		Exports
			Domestic goods	Imports				Domestic goods	Exports	
Weight	1,000.000	924.842	718.760	206.082	75.158	1,000.000	829.751	170.249		
2015CY	-6.0	-6.5	-3.1	-16.6	0.3	-2.4	-3.2	1.8		
2016CY	-6.9	-7.6	-4.2	-19.3	0.4	-4.2	-3.1	-9.0		
2017CY	6.2	6.7	4.0	18.2	0.7	3.0	2.8	4.6		
2018CY	4.5	4.8	2.8	12.0	0.8	2.2	2.4	1.2		
2019CY (p)	-1.5	-1.6	-0.1	-6.6	0.7	-0.9	-0.3	-3.1		
Contribution to change of All commodities	-1.45	-1.50	-0.10	-1.39	0.05	-0.82	-0.25	-0.57		
Index (CY2011=100)	98.6	98.3	98.8	96.5	103.0	99.7	98.2	107.3		

Note: p : preliminary figures