

Preliminary Results of the 2011 Mining and Manufacturing Survey

1. Number of establishments

- The number of mining and manufacturing establishments with 10 workers or more totaled 63,442 in 2011, up 1.1 percent from the previous year.

Classification	2010	2011	Percent change (%)
Number of establishments (each)	62,751	63,442	1.1

- 'Manufacture of Motor Vehicles, Trailers and Semitrailers', 'Manufacture of Other Transport Equipment', 'Manufacture of Basic Metal Products' and 'Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks' showed an increase in the number of establishments. 'Printing and Reproduction of Recorded Media', 'Manufacture of Furniture', 'Manufacture of Other Non-metallic Mineral Products' and 'Manufacture of Wood and of Products of Wood and Cork' showed a decrease in the number of establishments.

< Changes in the number of establishments >

(Unit: each, %)

By industry	2010	2011	Change	Percent change
< Increase >				
· Manufacture of Motor Vehicles, Trailers and Semitrailers	3,475	3,711	236	6.8
· Manufacture of Other Transport Equipment	1,430	1,513	83	5.8
· Manufacture of Basic Metal Products	2,618	2,730	112	4.3
· Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks	1,981	2,059	78	3.9
< Decrease >				
· Printing and Reproduction of Recorded Media	1,374	1,269	△105	△7.6
· Manufacture of Furniture	1,289	1,250	△39	△3.0
· Manufacture of Other Non-metallic Mineral Products	2,436	2,368	△68	△2.8
· Manufacture of Wood and of Products of Wood and Cork	788	769	△19	△2.4

2. Number of workers

- The number of workers in mining and manufacturing was 2,712 thousand persons in 2011, up 2.4 percent from the previous year.

Classification	2010	2011	Percent change (%)
Number of workers (thousand persons)	2,647.9	2,712.3	2.4

- 'Manufacture of Other Transport Equipment', 'Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks', 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products', and 'Manufacture of Motor Vehicles, Trailers and Semitrailers' marked a rise in the number of workers. 'Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles', 'Printing and Reproduction of Recorded Media', 'Manufacture of Other Non-metallic Mineral Products' and 'Manufacture of Furniture' marked a drop in the number of workers.

< Changes in the number of workers >

(Unit: thousand persons, %)

By industry	2010	2011	Change	Percent change
< Increase >				
· Manufacture of Other Transport Equipment	147.3	157.5	10.3	7.0
· Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks	64.6	68.3	3.7	5.7
· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	10.9	11.5	0.6	5.7
· Manufacture of Motor Vehicles, Trailers and Semitrailers	276.7	290.4	13.7	5.0
< Decrease >				
· Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles	81.1	76.9	△4.2	△5.1
· Printing and Reproduction of Recorded Media	31.4	29.8	△1.6	△5.1
· Manufacture of Other Non-metallic Mineral Products	80.4	78.0	△2.4	△2.9
· Manufacture of Furniture	35.2	34.6	△0.6	△1.8

3. Value of shipment

- The value of shipment in mining and manufacturing amounted to 1,501,698 billion won in 2011, which increased by 13.0 percent from the previous year.

Classification	2010	2011	Percent change (%)
Value of shipment (billion won)	1,328,896	1,501,698	13.0

- 'Manufacture of Chemicals and Chemical Products', 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products', 'Manufacture of Basic Metal Products' and 'Manufacture of Motor Vehicles, Trailers and Semitrailers' recorded an increase in the value of shipment. 'Printing and Reproduction of Recorded Media', 'Manufacture of Tobacco Products' and 'Manufacture of Other Non-metallic Mineral Products' recorded a decrease in the value of shipment.

< Changes in the value of shipment >

(Unit: billion won, %)

By industry	2010	2011	Change	
			Change	Percent change
< Increase >				
· Manufacture of Chemicals and Chemical Products	116,993	155,841	38,848	33.2
· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	111,701	148,334	36,634	32.8
· Manufacture of Basic Metal Products	139,321	168,635	29,314	21.0
· Manufacture of Motor Vehicles, Trailers and Semitrailers	145,660	170,793	25,133	17.3
< Decrease >				
· Printing and Reproduction of Recorded Media	4,598	4,421	△178	△3.9
· Manufacture of Tobacco Products	3,100	3,030	△70	△2.3
· Manufacture of Other Non-metallic Mineral Products	32,194	31,474	△720	△2.2

- As for the value of shipment by structure of manufacturing industry, heavy and chemical industries occupied 86.7 percent in 2011, up 0.5%p from the previous year.

(Unit: billion won, %, %p)

Classification	Value os shipment			Percent		
	2010	2011	Percent change	2010	2011	Change
Manufacturing	1,326,114	1,498,810	13.0	100.0	100.0	-
· Heavy and chemical industry	1,143,528	1,300,210	13.7	86.2	86.7	0.5
· Light industry	182,586	198,600	8.8	13.8	13.3	△0.5

- The value of shipment per establishment of manufacturing rose 11.8 percent to 23,761 million won in 2011.

Classification	2010	2011	Change	
			Change	Percent change (%)
Value of shipment (million won)	21,260	23,761	2,501	11.8
· Value of shipment (billion won)	1,326,114	1,498,810	172,696	13.0
· Number of establishments (each)	62,376	63,079	703	1.1

4. Value added

- The value added of mining and manufacturing amounted to 487,524 billion won, rising 11.5 percent from the previous year.

Classification	2010	2011	Percent change (%)	
			Change	Percent change (%)
Value added (billion won)	437,166	487,524		11.5

- 'Manufacture of Chemicals and Chemical Products', 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products', 'Manufacture of Pharmaceuticals, Medicinal Chemicals and Botanical Products' and 'Manufacture of Metal Products' showed an increase in value added. 'Printing and Reproduction of Recorded Media' and 'Manufacture of Other Non-metallic Mineral Products' showed a decrease in value added.

< Changes in value added >

(Unit: billion won, %)

By industry	2010	2011	Change	
			Change	Percent change
< Increase >				
· Manufacture of Chemicals and Chemical Products	30,302	42,839	12,538	41.4
· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	14,037	19,408	5,372	38.3
· Manufacture of Pharmaceuticals, Medicinal Chemicals and Botanical Products	6,603	8,064	1,460	22.1
· Manufacture of Metal Products	22,837	26,987	4,149	18.2
< Decrease >				
· Printing and Reproduction of Recorded Media	2,182	2,057	△125	△5.7
· Manufacture of Other Non-metallic Mineral Products	14,867	14,486	△381	△2.6

- As for the value added by structure of manufacturing industry, the share of heavy and chemical industries rose by 0.5%p from the previous year.

(Unit: billion won, %, %p)

Classification	Value added			Percent		
	2010	2011	Percent change	2010	2011	Change
Manufacturing	435,344	485,546	11.5	100.0	100.0	-
· Heavy and chemical industry	368,712	413,851	12.2	84.7	85.2	0.5
· Light industry	66,632	71,695	7.6	15.3	14.8	△0.5

- The value added per establishment of manufacturing totaled 7,697 million won in 2011, which rose by 10.3 percent.

Classification	2010	2011	Change	
			Change	Percent change (%)
Value added per establishment (million won)	6,979	7,697	718	10.3
· Value added (billion won)	435,344	485,546	50,202	11.5
· Number of establishments (each)	62,376	63,079	703	1.1