

Preliminary Results of the 2013 Mining and Manufacturing Survey

- The number of Mining and Manufacturing establishments with 10 workers or more was 65,759 establishments in 2013, which went up by 2.4 percent (1,524 establishments) from 2012. The number of workers in Mining and Manufacturing was 2,844 thousand persons in 2013, which rose by 2.9 percent (80 thousand persons) from 2012.

< Table > Major indicators by year

(Unit: each, thousand persons, billion won, %)

Classification	2008	2009	2010	2011	2012	2013
Number of establishments	58,823	58,377	62,751	63,406	64,235	65,759
Percent change	-5.4	-0.8	7.5	1.0	1.3	2.4
Number of workers	2,467	2,465	2,648	2,706	2,764	2,844
Percent change	-2.1	-0.1	7.4	2.2	2.1	2.9
Value of shipment	1,115,798	1,125,813	1,328,896	1,494,210	1,510,608	1,495,422
Percent change	17.8	0.9	18.0	12.4	1.1	-1.0

- As for the number of establishments, 'Manufacture of Motor Vehicles' and 'Manufacture of Food Products' rose by 8.8 percent and 4.9 percent, respectively. 'Printing and Reproduction of Recorded Media' and 'Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles' fell by 6.9 percent and 6.8 percent, respectively.

< Table > Change in the number of establishments

(Unit: each, %)

Classification		2012	2013	Change	Percent change
Number of establishments		64,235	65,759	1,524	2.4
Increase	· Manufacture of Motor Vehicles	3,869	4,211	342	8.8
	· Manufacture of Food Products	4,173	4,376	203	4.9
	· Manufacture of Rubber and Plastic Products	5,517	5,718	201	3.6
	· Manufacture of Other Machinery and Equipment	8,952	9,205	253	2.8
Decrease	· Printing and Reproduction of Recorded Media	1,256	1,169	-87	-6.9
	· Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles	2,746	2,559	-187	-6.8
	· Other Manufacturing	989	964	-25	-2.5
	· Manufacture of Pharmaceuticals, Medicinal Chemicals and botanical Products	428	418	-10	-2.3

- As for the number of workers, 'Manufacture of Motor Vehicles' and 'Manufacture of Other Machinery and Equipment' grew by 7.7 percent and 4.0 percent, respectively. 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products' and 'Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles' fell by 11.0 percent and 4.3 percent, respectively.

< Table > Change in the number of workers

(Unit: thousand persons, %)

Classification		2012	2013	Change	Percent change
Number of workers		2,764.1	2,844.0	80.0	2.9
Increase	· Manufacture of Motor Vehicles	300.9	324.0	23.1	7.7
	· Manufacture of Other Machinery and Equipment	304.5	316.7	12.2	4.0
	· Manufacture of Rubber and Plastic Products	202.9	210.2	7.3	3.6
	· Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses	405.1	414.2	9.0	2.2
Decrease	· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	11.6	10.3	-1.3	-11.0
	· Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles	74.0	70.8	-3.1	-4.3
	· Printing and Reproduction of Recorded Media	28.3	27.6	-0.7	-2.6

□ The value of shipment in Mining and Manufacturing amounted to 1,495.422 trillion won in 2013, which decreased by 1.0 percent (15.2 trillion won) from 2012. The value added of Mining and Manufacturing amounted to 481.714 trillion won in 2013, which dropped by 0.2 percent (967 billion won) from 2012.

○ As for the value of shipment, 'Manufacture of Rubber and Plastic Products' and 'Manufacture of Motor Vehicles' increased by 4.7 percent and 3.3 percent, respectively. 'Manufacture of Basic Metal Products' and 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products' decreased by 8.2 percent and 7.3 percent, respectively.

< Table > Change in the value of shipment

(Unit: billion won, %)

Classification		2012	2013	Change	Percent change
Value of shipment		1,510,608	1,495,422	-15,186	-1.0
Increase	· Manufacture of Rubber and Plastic Products	59,633	62,463	2,830	4.7
	· Manufacture of Motor Vehicles	175,587	181,333	5,745	3.3
	· Manufacture of Food Products	65,588	67,194	1,607	2.4
	· Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses	253,463	255,594	2,131	0.8
Decrease	· Manufacture of Basic Metal Products	157,147	144,249	-12,898	-8.2
	· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	157,443	145,958	-11,486	-7.3
	· Manufacture of Electrical Equipment	67,087	65,152	-1,935	-2.9
	· Manufacture of Other Machinery and Equipment	102,108	99,664	-2,444	-2.4

○ As for the value added, 'Manufacture of Rubber and Plastic Products' and 'Manufacture of Motor Vehicles' rose by 5.8 percent and 3.6 percent, respectively. 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products' and 'Manufacture of Basic Metal Products' declined by 11.7 percent and 9.8 percent, respectively.

< Table > Change in the value added

(Unit: billion won, %)

Classification		2012	2013	Change	Percent change
Value added		482,681	481,714	-967	-0.2
Increase	· Manufacture of Rubber and Plastic Products	20,496	21,679	1,183	5.8
	· Manufacture of Motor Vehicles	53,158	55,049	1,891	3.6
	· Manufacture of Food Products	20,930	21,683	753	3.6
	· Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses	115,816	116,664	849	0.7
Decrease	· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	22,107	19,516	-2,591	-11.7
	· Manufacture of Basic Metal Products	30,423	27,438	-2,985	-9.8
	· Manufacture of Other Transport Equipment	21,664	20,842	-822	-3.8
	· Manufacture of Fabricated Metal Products	28,388	27,804	-584	-2.1

- The value of shipment per establishment amounted to 22.82 billion won in 2013, which decreased by 3.3 percent (0.78 billion won) from 2012. The value added per establishment amounted to 7.33 billion won in 2013, which dropped by 2.5 percent (0.19 billion won) from 2012.

< Table > Value of shipment per establishment

Classification	2012	2013	Change	Percent change (%)
Value of shipment per establishment (million won)	23,594	22,818	-776	-3.3
· Value of shipment (billion won)	1,507,834	1,492,381	-15,453	-1.0
· Number of establishment (each)	63,907	65,404	1,497	2.3

< Table > Value added per establishment

Classification	2012	2013	Change	Percent change (%)
Value added per establishment (million won)	7,522	7,333	-189	-2.5
· Value added (billion won)	480,713	479,595	-1,118	-0.2
· Number of establishment (each)	63,907	65,404	1,497	2.3

- As for the value added for the past 3 decades (1983~2013), major industries changed from 'Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles' and 'Manufacture of Food Products and Manufacture Tobacco Products' to 'Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses' and 'Manufacture of Motor Vehicles'.
- 1983: (1) Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (17.6%) (2) Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (17.1%) (3) Manufacture of Food Products and Manufacture Tobacco Products (15.9%)

- 2013: (1) Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (30.1%) (2) Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (14.8%) (3) Manufacture of Motor Vehicles (11.5%)

< Table > Major changes for the past 3 decades

Year	Item	Ranking of the share		
1983	Number of workers	① Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (34.0%)	② Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (9.9%)	③ Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (9.0%)
	Value added	① Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (17.6%)	② Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (17.1%)	③ Manufacture of Food Products and Manufacture Tobacco Products (15.9%)
1993	Number of workers	① Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (22.1%)	② Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (14.0%)	③ Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (10.3%)
	Value added	① Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (16.8%)	② Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (14.6%)	③ Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (12.8%)
2003	Number of workers	① Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (22.6%)	② Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (12.3%)	③ Manufacture of Other Machinery and Equipment (9.6%)
	Value added	① Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (26.5%)	② Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (12.3%)	③ Manufacture of Motor Vehicles (12.2%)
2013	Number of workers	① Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (23.1%)	② Manufacture of Motor Vehicles (11.4%)	③ Manufacture of Other Machinery and Equipment (11.2%)
	Value added	① Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (30.1%)	② Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (14.8%)	③ Manufacture of Motor Vehicles (11.5%)