

# Preliminary Results of the 2014 Mining and Manufacturing Survey

- The number of Mining and Manufacturing establishments with 10 workers or more was 68,861 establishments in 2014, which went up by 4.7 percent (3,119 establishments) from 2013. The number of workers in Mining and Manufacturing was 2,933 thousand persons in 2014, which rose by 3.8 percent (108 thousand persons) from 2013.

< Table > Major indicators by year

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

Classification	2009	2010	2011	2012	2013	2014
<b>Number of establishments</b>	<b>58,377</b>	<b>62,751</b>	<b>63,406</b>	<b>64,235</b>	<b>65,742</b>	<b>68,861</b>
Percent change	-0.8	7.5	1.0	1.3	2.3	4.7
<b>Number of workers</b>	<b>2,465</b>	<b>2,648</b>	<b>2,706</b>	<b>2,764</b>	<b>2,824</b>	<b>2,933</b>
Percent change	-0.1	7.4	2.2	2.1	2.2	3.8
<b>Value of shipment</b>	<b>1,125,813</b>	<b>1,328,896</b>	<b>1,494,210</b>	<b>1,510,608</b>	<b>1,494,751</b>	<b>1,490,391</b>
Percent change	0.9	18.0	12.4	1.1	-1.0	-0.3
<b>Value added</b>	<b>376,404</b>	<b>437,166</b>	<b>482,174</b>	<b>482,681</b>	<b>481,387</b>	<b>485,342</b>
Percent change	1.9	16.1	10.3	0.1	-0.3	0.8

- The number of establishments showed a decrease in 'Tanning and Dressing of Leather, Manufacture of Luggage and Footwear' (-1.2%). In the meantime, the number of establishments showed an increase in most of industrial divisions, in particular 'Manufacture of Fabricated Metal Products' (5.5%), 'Manufacture of Motor Vehicles' (8.3%) and 'Manufacture of Food Products' (7.8%).

< Table > Change in the number of establishments

(Unit: each, %)

Classification		2013	2014	Change	Percent change
<b>Number of establishments</b>		65,742	68,861	3,119	4.7
Increase	· Manufacture of Fabricated Metal Products	9,014	9,513	499	5.5
	· Manufacture of Motor Vehicles	4,219	4,570	351	8.3
	· Manufacture of Food Products	4,374	4,713	339	7.8
	· Manufacture of Other Machinery and Equipment	9,181	9,510	329	3.6
Decrease	· Tanning and Dressing of Leather, Manufacture of Luggage and Footwear	808	798	-10	-1.2

- As for the number of workers, 'Manufacture of Motor Vehicles' and 'Manufacture of Fabricated Metal Products' grew by 6.1 percent and 5.8 percent, respectively. 'Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses' and 'Manufacture of Textiles' fell by 0.9 percent and 0.4 percent, respectively.

< Table > Change in the number of workers

(Unit: thousand persons, %)

Classification		2013	2014	Change	Percent change
<b>Number of workers</b>		2,824.4	2,932.6	108.3	3.8
Increase	· Manufacture of Motor Vehicles	321.0	340.7	19.7	6.1
	· Manufacture of Fabricated Metal Products	253.7	268.4	14.7	5.8
	· Manufacture of Electrical Equipment	164.4	178.3	13.8	8.4
	· Manufacture of Food Products	170.9	183.3	12.4	7.3
Decrease	· Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses	406.1	402.6	-3.5	-0.9
	· Manufacture of Textiles	92.5	92.1	-0.4	-0.4

□ **The value of shipment in Mining and Manufacturing amounted to 1,490,391 billion won in 2014, which decreased by 0.3 percent (4.4 trillion won) from 2013. The value added of Mining and Manufacturing amounted to 485,342 billion won in 2014, which increased by 0.8 percent (4.0 trillion won) from 2013.**

- As for the value of shipment, 'Manufacture of Motor Vehicles' and 'Manufacture of Other Machinery and Equipment' increased by 4.7 percent and 3.1 percent, respectively. 'Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses' and 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products' decreased by 4.6 percent and 4.4 percent, respectively.

< Table > Change in the value of shipment

(Unit: billion won, %)

Classification		2013	2014	Change	Percent change
<b>Value of shipment</b>		1,494,751	1,490,391	-4,360	-0.3
Increase	· Manufacture of Motor Vehicles	180,511	189,019	8,508	4.7
	· Manufacture of Other Machinery and Equipment	98,958	102,026	3,068	3.1
	· Manufacture of Electrical Equipment	64,763	67,232	2,470	3.8
	· Manufacture of Rubber and Plastic Products	62,689	64,865	2,175	3.5
Decrease	· Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses	255,943	244,251	-11,692	-4.6
	· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	145,950	139,534	-6,416	-4.4
	· Manufacture of Basic Metal Products	144,410	138,433	-5,977	-4.1
	· Manufacture of Chemicals and Chemical Products	161,673	158,077	-3,596	-2.2

- As for the value added, 'Manufacture of Motor Vehicles' and 'Manufacture of Other Machinery and Equipment' rose by 4.8 percent and 6.1 percent, respectively. 'Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses' and 'Manufacture of Chemicals and Chemical Products' declined by 3.8 percent and 2.2 percent, respectively.

< Table > Change in the value added

(Unit: billion won, %)

Classification		2013	2014	Change	Percent change
<b>Value added</b>		481,387	485,342	3,955	0.8
Increase	· Manufacture of Motor Vehicles	54,531	57,129	2,598	4.8
	· Manufacture of Other Machinery and Equipment	35,343	37,509	2,166	6.1
	· Manufacture of Fabricated Metal Products	27,882	28,941	1,059	3.8
	· Manufacture of Electrical Equipment	19,667	20,680	1,013	5.2
Decrease	· Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses	116,830	112,440	-4,389	-3.8
	· Manufacture of Chemicals and Chemical Products	43,343	42,386	-957	-2.2
	· Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products	19,809	18,979	-830	-4.2
	· Manufacture of Basic Metal Products	27,533	26,860	-673	-2.4

- The value of shipment per establishment in Manufacturing amounted to 21.71 billion won in 2014, which decreased by 4.8 percent (1.1 billion won) from 2013. The value added per establishment in Manufacturing amounted to 7.05 billion won in 2014, which dropped by 3.8 percent (0.28 billion won) from 2013.

< Table > Value of shipment per establishment in Manufacturing

Classification	2013	2014	Change	Percent change
<b>Value of shipment per establishment (million won)</b>	22,813	21,710	-1,103	-4.8
· Value of shipment (billion won)	1,491,736	1,487,392	-4,344	-0.3
· Number of establishment (each)	65,389	68,512	3,123	4.8

< Table > Value added per establishment in Manufacturing

Classification	2013	2014	Change	Percent change
<b>Value added per establishment (million won)</b>	7,330	7,054	-276	-3.8
· Value added (billion won)	479,281	483,252	3,971	0.8
· Number of establishment (each)	65,389	68,512	3,123	4.8

- As for the structure of value added of Manufacturing for the past 3 decades (1984~2014), major industries changed from 'Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses' and 'Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles' to 'Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses' and 'Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products'.

- 1984: (1) Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (22.7%) (2) Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (13.2%) (3) Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (12.8%)
- 2014: (1) Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (29.2%) (2) Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (14.5%) (3) Manufacture of Motor Vehicles (11.8%)

< Table > Major structural changes for the past 3 decades in Manufacturing

Year	Item	Ranking of the share		
1984	Number of workers	① <b>Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (29.1%)</b>	② Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products(12.7%)	③ Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (12.6%)
	Value added	① <b>Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (22.7%)</b>	② Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (13.2%)	③ Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (12.8%)
1994	Number of workers	① <b>Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (20.4%)</b>	② Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (15.0%)	③ Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (10.6%)
	Value added	① <b>Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (17.0%)</b>	② Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (16.9%)	③ Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (11.1%)
2004	Number of workers	① <b>Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (23.5%)</b>	② Manufacture of Textiles and Manufacture of Wearing Apparel, Clothing Accessories and Fur Articles (10.5%)	③ Manufacture of Motor Vehicles (10.3%)
	Value added	① <b>Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (29.0%)</b>	② Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (11.8%)	③ Manufacture of Motor Vehicles (10.7%)

Year	Item	Ranking of the share		
2014	Number of workers	① <b>Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (22.5%)</b>	② <b>Manufacture of Motor Vehicles (11.7%)</b>	③ <b>Manufacture of Other Machinery and Equipment (11.0%)</b>
	Value added	① <b>Manufacture of Electrical Equipment and Manufacture of Electronic Components, Computer, Radio, Television and Communication Equipment and Apparatuses (29.2%)</b>	② <b>Manufacture of Coke, Hard-coal and Lignite Fuel Briquettes and Refined Petroleum Products and Manufacture of Chemicals and Chemical Products (14.5%)</b>	③ <b>Manufacture of Motor Vehicles (11.8%)</b>