

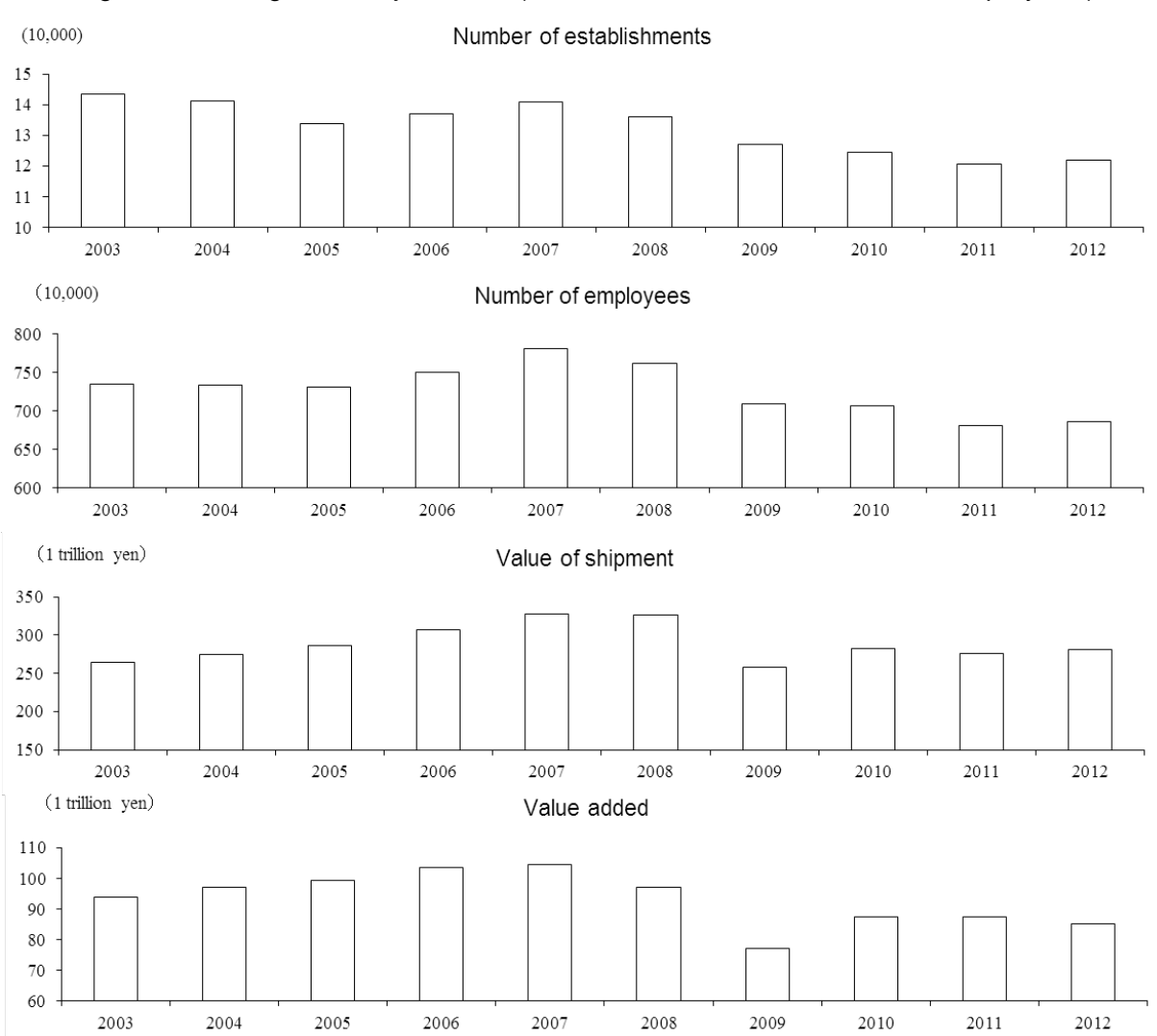
Summary

1. Trends in establishments with 10 or more employees

— The number of establishments increases for the first time in these six years, the number of employees increases for the first time in five years, and the value of manufactured goods shipments also turns to an increase after two years, while the value added decreases —

The number of establishments with 10 or more employees in 2012 is 121,942 (up 1.0% from the preceding year) showing an increase for the first time in these six years. The number of persons employed is 6,854,404 (up 0.7% id.) also showing an increase for the first time in these five years. The value of manufactured goods shipments is 281.5983 trillion yen (up 1.8% id.) also turning to an increase after two years, while the value added is 85.0320 trillion yen (down 2.8% id.) showing a decrease (Table 1, Figure 1).

Figure 1: Changes in Major Items (Establishments with 10 or more employees)



**Table 1: Changes in Major Items
(Establishments with 10 or more employees)**

Year	Item	Number of establishments		Number of employees		Value of product shipments		Value added	
		(persons)	Y/Y (%)	(persons)	Y/Y (%)	(100 million yen)	Y/Y (%)	(100 million yen)	Y/Y (%)
2003		143,359	-2.2	7,347,691	-1.6	2,643,540	1.6	937,737	1.2
2004		141,046	-1.6	7,338,250	-0.1	2,750,796	4.1	968,199	3.2
2005		133,621	-5.3	7,305,133	-0.5	2,860,630	4.0	991,246	2.4
2006		136,917	2.5	7,494,312	2.6	3,064,740	7.1	1,032,929	4.2
2007		140,973	-2.7	7,806,315	0.9	3,280,069	-	1,043,345	-
2008		136,097	-3.5	7,618,941	-2.4	3,267,264	-0.4	970,203	-7.0
2009		127,004	-6.7	7,085,735	-7.0	2,581,545	-21.0	769,071	-20.7
2010		124,520	-2.0	7,061,000	-0.3	2,824,241	9.4	874,555	13.7
2011		120,723	-3.0	6,807,864	-3.6	2,765,669	-2.1	874,416	-0.0
2012		121,942	1.0	6,854,404	0.7	2,815,983	1.8	850,320	-2.8

Note:

1. The value added data on establishments that have 10-29 employees represent gross value added.
2. The data for 2004 incorporate the survey results from the "2004 Census of Manufacturers Fact-finding Survey accompanied with Niigata-Chuetsu Earthquake"(includes estimated figures).
3. As establishments were surveyed for the 2007 Census, year-on-year data on the number of establishments and the Number of persons employed have been calculated by taking time series factors into account and excluding the establishments surveyed.
4. As Japan Standard Industry Classification (JSIC) was revised, the year-on-year comparison data for 2008 are calculated after recounting the 2007 data based on the classification in 2008
5. Survey for 2011 was conducted in the Economic Census for Business Activity.

2. Situation by industry (Establishments with 10 or more employees)

(1)The number of establishments: The number of establishments increase for the first time in these six years.

The number of establishments is 121,942 (up 1.0% from the preceding year), showing an increase for the first time in these six years (Table 1, Figure 1).

- ① Observing the number of establishments for 24 industry sectors on the year-on-year comparison basis (in order of the contribution degree*¹), the number of establishments has increased in 14 industry sectors out of the total 24. These industry categories include “Manufacture of food” (up 5.2% id.), “Manufacture of fabricated metal products” (up 2.5% id.) and “Manufacture of plastic products except otherwise classified” (up 3.2% id.). On the other hand, it has decreased in 10 industry categories out of the total 24:“Electronic parts, devices, and electronic circuits” (down 8.6% id.), “Manufacture of production machinery” (down 1.8% id.), and “Printing and allied industries” (down 2.6% id.) (Table 2, Figure 2).

*1 Industries exemplified for year-on-year changes in the text are listed in order of the contribution degree (excluding per establishment/per employees as well as by prefecture).

Contribution degree indicates how much a change in each factor will contribute to overall changes (Growth rate).It is expressed as follows: Contribution degree of Industry A=Year-on-year increase/decrease rate of Industry A x How much percentage Industry A occupies in the manufacturing industry in the preceding year.

Figure 2: Year-on-Year Comparison of the Number of Establishments by Industry
(Establishments with 10 or more employees)

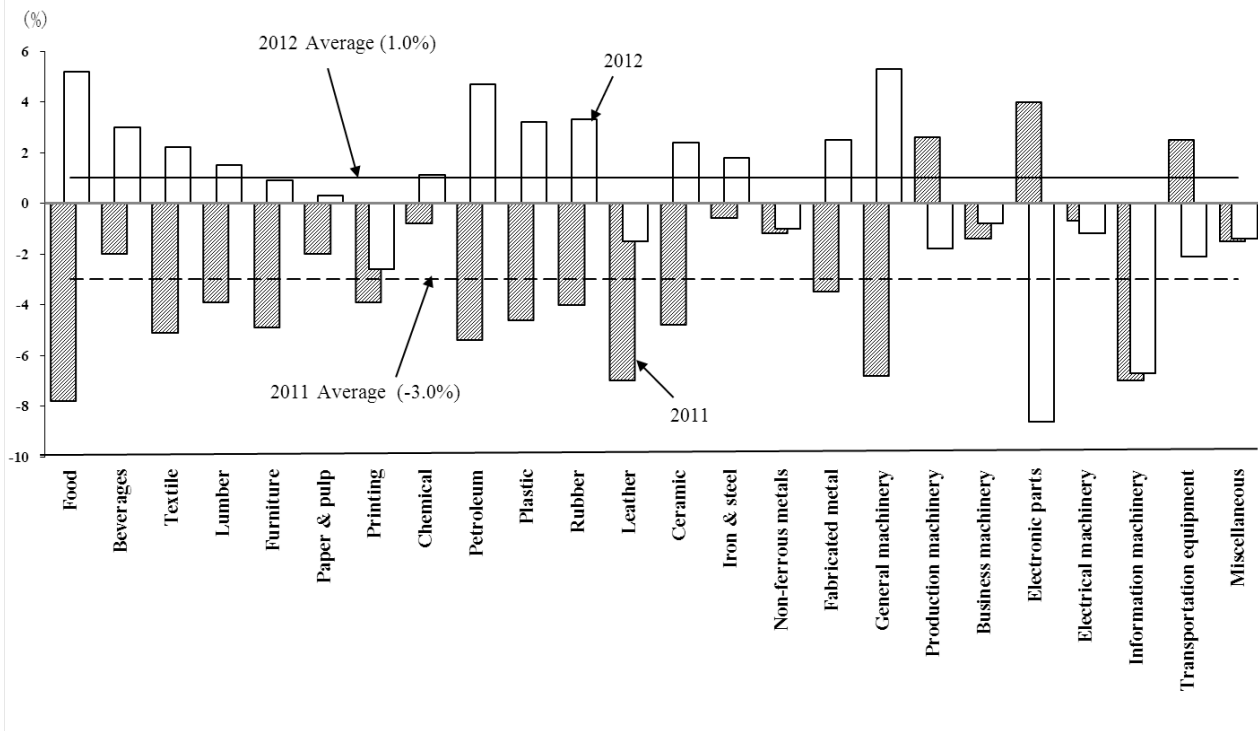
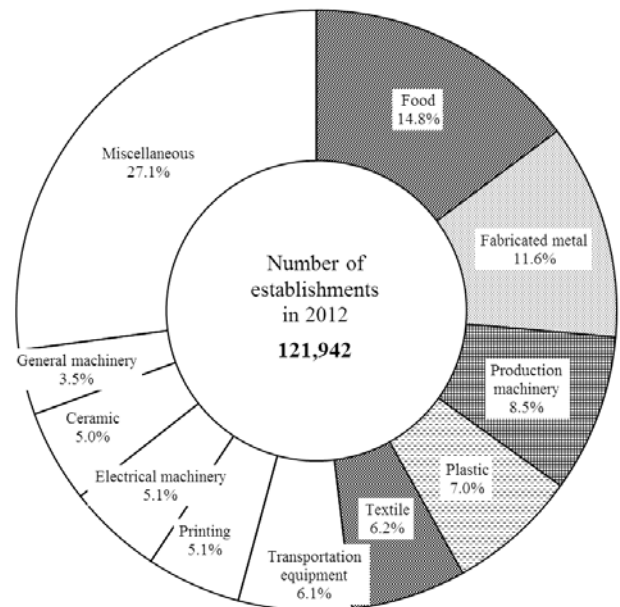


Table 2: Number of Establishments by Industry
(Establishments with 10 or more employees)

Item	Number of establishments					
	2011			2012		
	Actual count	Y/Y (%)	Percentage (%)	Actual count	Y/Y (%)	Percentage (%)
Total manufacturers	120,723	-3.0	100.0	121,942	1.0	100.0
09 Food	17,129	-7.8	14.2	18,028	5.2	14.8
10 Beverages, tobacco and feed	2,278	-2.0	1.9	2,346	3.0	1.9
11 Textile mill products	7,365	-5.1	6.1	7,525	2.2	6.2
12 Lumber and wood products	2,660	-3.9	2.2	2,700	1.5	2.2
13 Furniture and fixtures	2,164	-4.9	1.8	2,184	0.9	1.8
14 Pulp, paper and paper products	3,906	-2.0	3.2	3,917	0.3	3.2
15 Printing and allied industries	6,370	-3.9	5.3	6,206	-2.6	5.1
16 Chemical and allied products	3,757	-0.8	3.1	3,797	1.1	3.1
17 Petroleum and coal products	402	-5.4	0.3	421	4.7	0.3
18 Plastic products	8,254	-4.6	6.8	8,517	3.2	7.0
19 Rubber products	1,571	-4.0	1.3	1,623	3.3	1.3
20 Leather tanning, leather products and fur skins	649	-7.0	0.5	639	-1.5	0.5
21 Ceramic, stone and clay products	5,991	-4.8	5.0	6,132	2.4	5.0
22 Iron and steel	2,974	-0.6	2.5	3,027	1.8	2.5
23 Non-ferrous metals and products	1,826	-1.2	1.5	1,807	-1.0	1.5
24 Fabricated metal products	13,747	-3.5	11.4	14,088	2.5	11.6
25 General-purpose machinery	4,021	-6.8	3.3	4,234	5.3	3.5
26 Production machinery	10,601	2.6	8.8	10,413	-1.8	8.5
27 Business oriented machinery	2,748	-1.4	2.3	2,726	-0.8	2.2
28 Electronic parts, devices and electronic circuits	3,707	4.0	3.1	3,389	-8.6	2.8
29 Electrical machinery, equipment and supplies	6,241	-0.7	5.2	6,164	-1.2	5.1
30 Information and communication electronics equipment	1,448	-7.0	1.2	1,351	-6.7	1.1
31 Transportation equipment	7,639	2.5	6.3	7,479	-2.1	6.1
32 Miscellaneous manufacturing industries	3,275	-1.5	2.7	3,229	-1.4	2.6

② Observing the composition of the number of establishments by industry, “Manufacture of food” accounts for the largest percentage of manufacturing establishments (18,028 manufacturing establishments or composition ratio of 14.8%), followed by “Manufacture of fabricated metal products” (14,088 manufacturing establishments or 11.6% id.), “Manufacture of production machinery” (10,413 manufacturing establishments or 8.5% id.), “Manufacture of plastic products, except otherwise classified” (8,517 manufacturing establishments or 7.0% id.), “Manufacture of textile mill products” (7,525 manufacturing establishments or 6.2% id.), suggesting that these five industrial sectors occupy almost 50% of the total. Then, the list continues in descending order with “Manufacture of transportation equipment” (6.1% id.), “Printing and allied industries” (5.1% id.), “Manufacture of electrical machinery, equipment and supplies” (5.1% id.), “Manufacture of ceramic, stone and clay products” (5.0% id.) and “Manufacture of general-purpose machinery” (3.5% id.) (Table 2, Figure 3).

Figure 3: Breakdown of the Number of Establishments by Industry (Establishments with 10 or more employees)



(2)Number of employees: The number of employees increases for the first time in these five years.

The number of employees is 6,854,404 persons, up 0.7% from the preceding year, showing an increase for the first time in these five years (Table 1, Figure 1).

① Observing the number of employees for 24 industry sectors on the year-on-year comparison basis (in order of the contribution degree), the number of employees has increased in 17 industry sectors out of the total 24. These industry sectors include “Manufacture of food” (up 6.3% from the preceding year), “Manufacture of plastic products, except otherwise classified” (up 3.1% id.) and “Manufacture of fabricated metal products” (up 2.4% id.). On the other hand, 7 industry sectors see decreased employees, such as “Electronic parts, devices and electronic circuits” (down 11.0% id.), “Manufacture of information and communication electronics equipment” (down 10.5% id.) and “Manufacture of rubber products” (down 3.7% id.) (Table 3, Figure 4).

Figure 4: Year-on-Year Comparison of the Number of Employees by Industry
(Establishments with 10 or more employees)

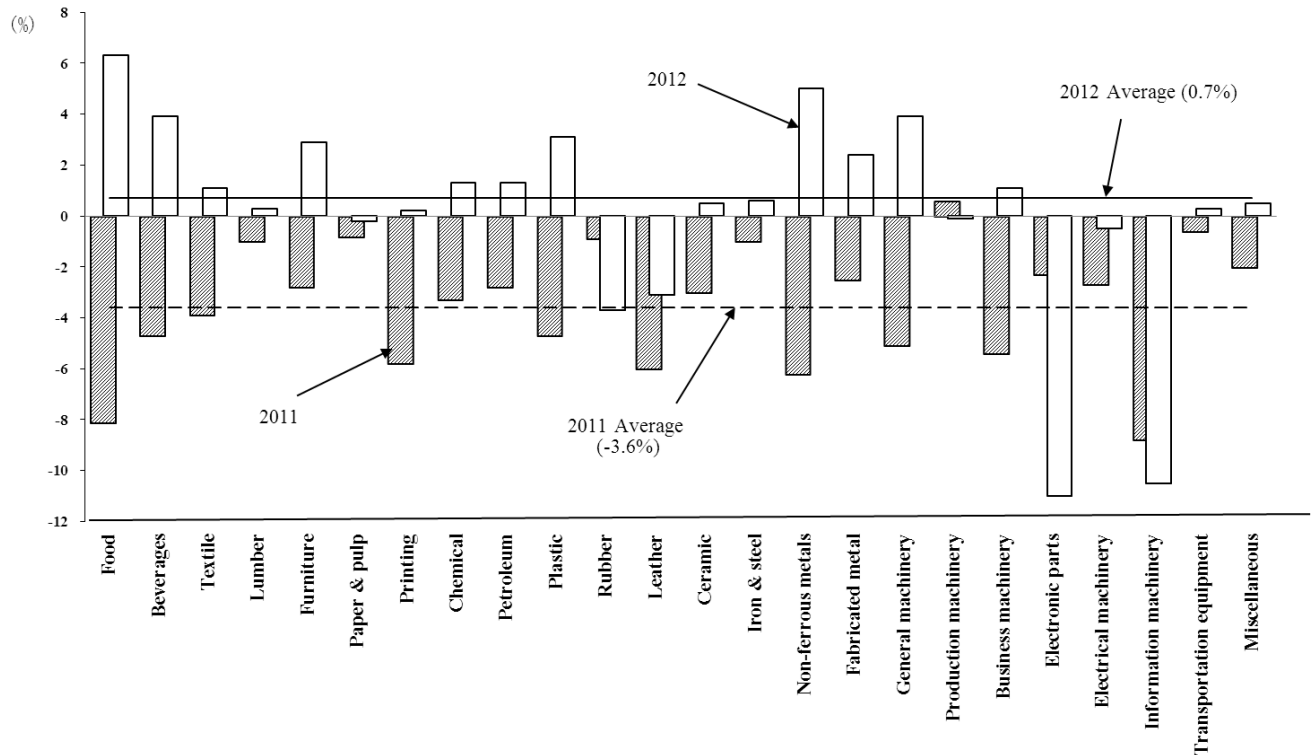
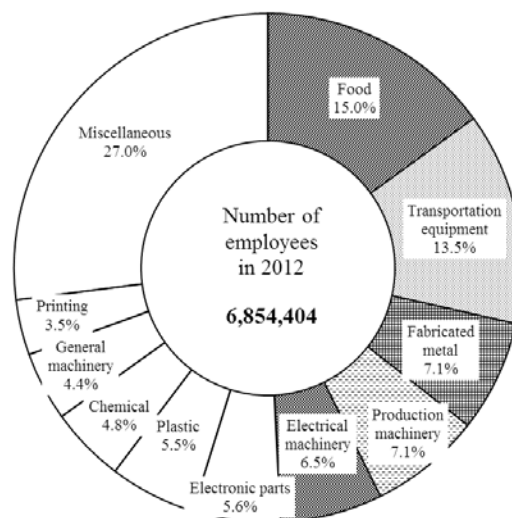


Table 3: Number of Employees by Industry
(Establishments with 10 or more employees)

Item	Number of employees					
	2011			2012		
	Actual count (persons)	Y/Y (%)	Percentage (%)	Actual count (persons)	Y/Y (%)	Percentage (%)
Total manufacturers	6,807,864	-3.6	100.0	6,854,404	0.7	100.0
09 Food	965,231	-8.1	14.2	1,025,835	6.3	15.0
10 Beverages, tobacco and feed	85,156	-4.7	1.3	88,444	3.9	1.3
11 Textile mill products	238,565	-3.9	3.5	241,103	1.1	3.5
12 Lumber and wood products	73,434	-1.0	1.1	73,662	0.3	1.1
13 Furniture and fixtures	72,251	-2.8	1.1	74,376	2.9	1.1
14 Pulp, paper and paper products	171,871	-0.8	2.5	171,517	-0.2	2.5
15 Printing and allied industries	241,776	-5.8	3.6	242,233	0.2	3.5
16 Chemical and allied products	327,875	-3.3	4.8	332,024	1.3	4.8
17 Petroleum and coal products	21,414	-2.8	0.3	21,697	1.3	0.3
18 Plastic products	368,671	-4.7	5.4	380,273	3.1	5.5
19 Rubber products	109,126	-0.9	1.6	105,096	-3.7	1.5
20 Leather tanning, leather products and fur skins	17,857	-6.0	0.3	17,299	-3.1	0.3
21 Ceramic, stone and clay products	213,424	-3.0	3.1	214,550	0.5	3.1
22 Iron and steel	208,435	-1.0	3.1	209,612	0.6	3.1
23 Non-ferrous metals and products	128,761	-6.2	1.9	135,236	5.0	2.0
24 Fabricated metal products	477,649	-2.5	7.0	488,968	2.4	7.1
25 General-purpose machinery	288,711	-5.1	4.2	299,834	3.9	4.4
26 Production machinery	487,285	0.6	7.2	486,682	-0.1	7.1
27 Business oriented machinery	190,129	-5.4	2.8	192,150	1.1	2.8
28 Electronic parts, devices and electronic circuits	433,878	-2.3	6.4	386,244	-11.0	5.6
29 Electrical machinery, equipment and supplies	450,474	-2.7	6.6	448,259	-0.5	6.5
30 Information and communication electronics equipment	191,301	-8.8	2.8	171,245	-10.5	2.5
31 Transportation equipment	920,329	-0.6	13.5	923,243	0.3	13.5
32 Miscellaneous manufacturing industries	124,261	-2.0	1.8	124,822	0.5	1.8

② Observing the composition ratio of the number of persons employed by industry, “Manufacture of food” accounts for the largest number of persons employed (1,025,835 persons or 15.0% of the total), followed by “Manufacture of transportation equipment” (923,243 persons or 13.5% id.), “Manufacture of fabricated metal products” (488,968 persons or 7.1% id.), “Manufacture of production machinery” (486,682 persons or 7.1% id.) and “Manufacture of electrical machinery, equipment and supplies” (448,259 persons or 6.5% id.). These five industry sectors account for almost 50% of the total. Then the list continues in descending order with “Electronic parts, devices and electronic circuits” (5.6% id.), “Manufacture of plastic products, except otherwise classified” (5.5% id.), “Manufacture of chemical and allied products” (4.8% id.), “Manufacture of general-purpose machinery” (4.4% id.), “Printing and allied industries” (3.5% id.) (Table 3, Figure 5).

Figure 5: Breakdown of the Number of Employees by Industry (Establishments with 10 or more employees)



(3) Value of product shipments: The value of product shipments has increased for the first time in these two years.

The value of manufactured goods shipments is 281.5983 trillion yen, up 1.8% from the preceding year, rising for the first time in these two years (Table 1, Figure1).

① When looking at the value of manufactured goods shipments for 24 industry sectors on the year-on-year comparison basis (in order of the contribution degree), the value of manufactured goods shipments has increased in 16 industry sectors out of the total 24. These industry sectors include “Manufacture of transportation equipment” (up 11.9% from the preceding year), “Manufacture of fabricated metal products” (up 7.0% id.) and “Manufacture of general-purpose machinery” (up 6.1% id.). On the other hand, it has decreased in 8 industry sectors, such as “Electronic parts, devices and electronic circuits” (down 14.6% id.), “Manufacture of information and communication electronics equipment” (down 14.3% id.) and “Manufacture of iron and steel” (down 3.3% id.) (Table 4, Figure 6).

Figure 6: Year-on-Year Comparison of Value of Product Shipments by Industry
(Establishments with 10 or more employees)

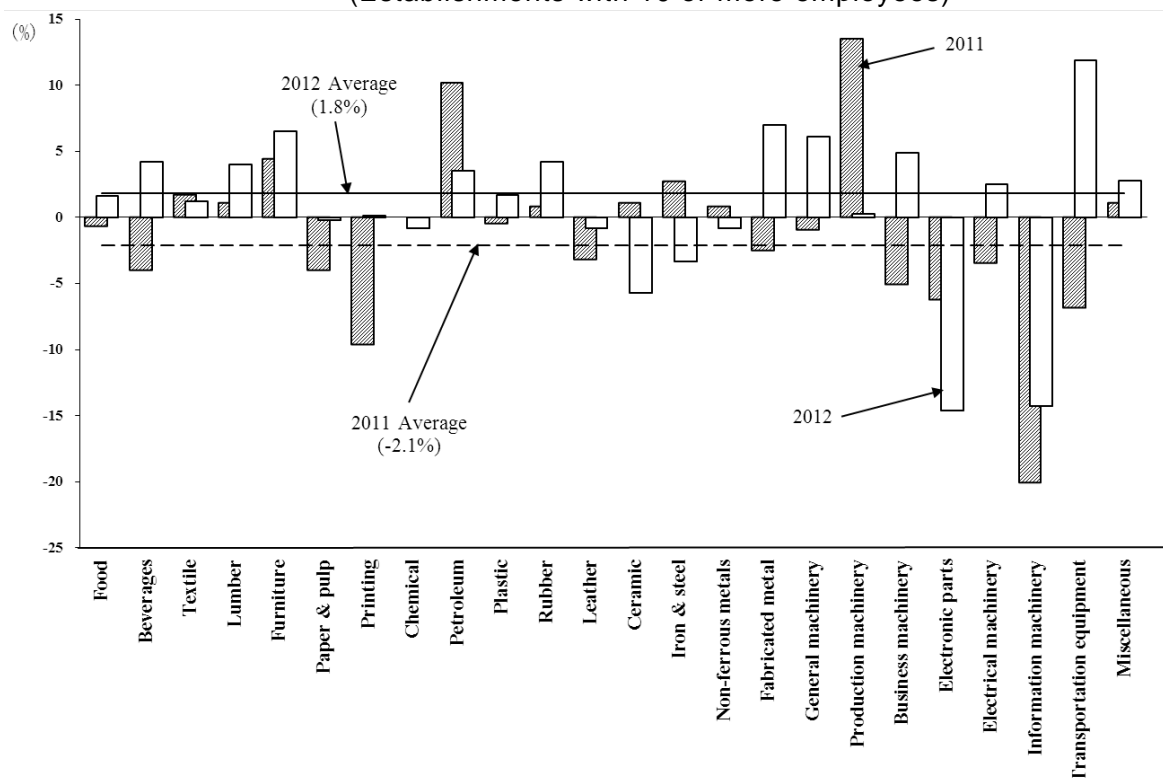
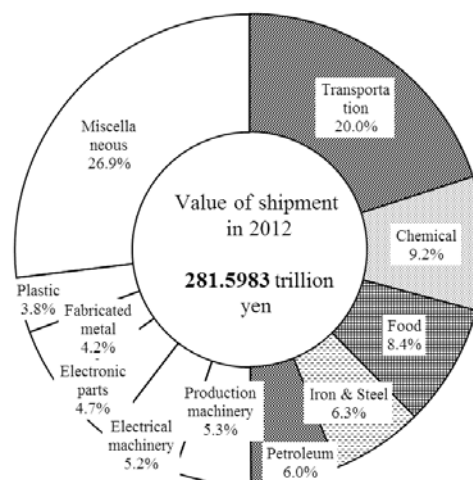


Table 4: Value of Product Shipments by Industry
(Establishments with 10 or more employees)

Item Industry	Value of product shipments					
	2011			2012		
	Value (million yen)	Y/Y (%)	Percentage (%)	Value (million yen)	Y/Y (%)	Percentage (%)
Total manufacturers	276,566,895	-2.1	100.0	281,598,314	1.8	100.0
09 Food	23,302,890	-0.7	8.4	23,670,882	1.6	8.4
10 Beverages, tobacco and feed	9,040,186	-4.0	3.3	9,420,516	4.2	3.3
11 Textile mill products	3,509,992	1.7	1.3	3,552,146	1.2	1.3
12 Lumber and wood products	1,902,402	1.1	0.7	1,978,490	4.0	0.7
13 Furniture and fixtures	1,425,992	4.4	0.5	1,519,099	6.5	0.5
14 Pulp, paper and paper products	6,664,689	-4.0	2.4	6,651,855	-0.2	2.4
15 Printing and allied industries	5,102,017	-9.7	1.8	5,104,802	0.1	1.8
16 Chemical and allied products	26,057,579	0.0	9.4	25,861,485	-0.8	9.2
17 Petroleum and coal products	16,286,565	10.2	5.9	16,849,302	3.5	6.0
18 Plastic products	10,474,786	-0.5	3.8	10,655,943	1.7	3.8
19 Rubber products	2,984,636	0.8	1.1	3,109,191	4.2	1.1
20 Leather tanning, leather products and fur skins	296,210	-3.2	0.1	293,903	-0.8	0.1
21 Ceramic, stone and clay products	6,638,048	1.1	2.4	6,260,259	-5.7	2.2
22 Iron and steel	18,361,738	2.7	6.6	17,761,767	-3.3	6.3
23 Non-ferrous metals and products	8,890,841	0.8	3.2	8,822,292	-0.8	3.1
24 Fabricated metal products	11,072,668	-2.5	4.0	11,849,437	7.0	4.2
25 General-purpose machinery	9,766,997	-1.0	3.5	10,365,179	6.1	3.7
26 Production machinery	14,786,147	13.5	5.3	14,831,404	0.3	5.3
27 Business oriented machinery	6,399,587	-5.1	2.3	6,713,401	4.9	2.4
28 Electronic parts, devices and electronic circuits	15,524,220	-6.3	5.6	13,259,018	-14.6	4.7
29 Electrical machinery, equipment and supplies	14,388,125	-3.5	5.2	14,751,659	2.5	5.2
30 Information and communication electronics equipment	10,035,699	-20.1	3.6	8,598,296	-14.3	3.1
31 Transportation equipment	50,286,279	-6.9	18.2	56,253,394	11.9	20.0
32 Miscellaneous manufacturing industries	3,368,601	1.1	1.2	3,464,594	2.8	1.2

② Observing the composition ratio of the value of manufactured goods shipments by industry, “Manufacture of transportation equipment” records the largest value of manufactured goods shipments at 20% composition (56.2534 trillion yen or 20.0% of the total), followed by “Manufacture of chemical and allied products” (25.8615 trillion yen or 9.2% id.), “Manufacture of food” (23.6709 trillion yen or 8.4% id.), “Manufacture of iron and steel” (17.7618 trillion yen or 6.3% id.) and “Manufacture of petroleum and coal products” (16.8493 trillion yen or 6.0% id.). These five industry sectors account for 50% of the total. Then, the list continues in descending order with “Manufacture of production machinery” (5.3% id.), “Manufacture of electrical machinery, equipment and supplies” (5.2% id.), “Electronic parts, devices and electronic circuits” (4.7% id.), “Manufacture of fabricated metal products” (4.2% id.) and “Manufacture of plastic products, except otherwise classified” (3.8% id.) (Table 4, Figure 7).

Figure 7: Breakdown of Shipment Value by Industry
(Establishments with 10 or more employees)



(4) Value added (Gross value added for manufacturing establishments with 29 or less employees): The value added decreases.

The value added is 85.0320 trillion yen, down 2.8% from the preceding year (Table 1, Figure 1).

① When looking at the value added for 24 industry sectors on the year-on-year comparison basis (in order of the contribution degree), value added has decreased in 16 industry sectors out of the total 24. These industry sectors include “Electronic parts, devices and electronic circuits” (down 23.1% from the preceding year), “Manufacture of information and communication electronics equipment” (down 24.4% id.), “Manufacture of petroleum and coal products” (down 39.2% id.). On the other hand, it has increased in 8 industry sectors, such as “Manufacture of transportation equipment” (up 10.3% id.), “Manufacture of general-purpose machinery” (up 6.1% id.) and “Manufacture of business oriented machinery” (up 4.0% id.) (Table 5, Figure 8).

Figure 8: Year-on-Year Comparison of Value Added by Industry
(Establishments with 10 or more employees)

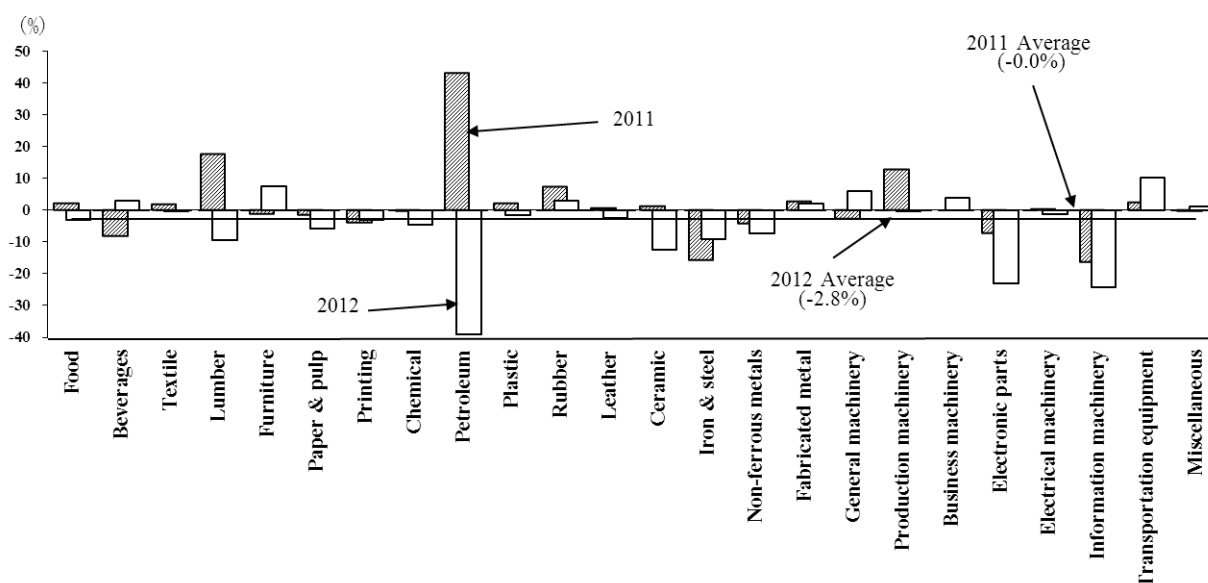


Table 5: Value Added by Industry
(Establishments with 10 or more employees)

Industry	Item	Value added					
		2011			2012		
		Value (million yen)	Y/Y (%)	Percentage (%)	Value (million yen)	Y/Y (%)	Percentage (%)
Total manufacturers		87,441,583	-0.0	100.0	85,031,960	-2.8	100.0
09 Food		8,568,365	2.2	9.8	8,299,049	-3.1	9.8
10 Beverages, tobacco and feed		2,657,998	-8.0	3.0	2,738,694	3.0	3.2
11 Textile mill products		1,387,194	1.8	1.6	1,383,459	-0.3	1.6
12 Lumber and wood products		676,440	17.5	0.8	611,963	-9.5	0.7
13 Furniture and fixtures		499,927	-1.2	0.6	538,238	7.7	0.6
14 Pulp, paper and paper products		2,179,254	-1.4	2.5	2,055,256	-5.7	2.4
15 Printing and allied industries		2,267,889	-4.0	2.6	2,201,508	-2.9	2.6
16 Chemical and allied products		10,085,279	-0.3	11.5	9,633,933	-4.5	11.3
17 Petroleum and coal products		1,582,106	43.0	1.8	961,498	-39.2	1.1
18 Plastic products		3,929,895	2.1	4.5	3,869,999	-1.5	4.6
19 Rubber products		1,207,550	7.4	1.4	1,245,370	3.1	1.5
20 Leather tanning, leather products and fur skins		110,126	0.5	0.1	107,598	-2.3	0.1
21 Ceramic, stone and clay products		2,900,394	1.3	3.3	2,536,518	-12.5	3.0
22 Iron and steel		2,975,834	-15.8	3.4	2,706,720	-9.0	3.2
23 Non-ferrous metals and products		2,024,783	-4.2	2.3	1,876,779	-7.3	2.2
24 Fabricated metal products		4,507,827	2.9	5.2	4,605,670	2.2	5.4
25 General-purpose machinery		3,592,073	-2.8	4.1	3,810,267	6.1	4.5
26 Production machinery		5,415,718	12.9	6.2	5,400,082	-0.3	6.4
27 Business oriented machinery		2,481,286	0.0	2.8	2,579,581	4.0	3.0
28 Electronic parts, devices and electronic circuits		5,272,495	-7.2	6.0	4,056,200	-23.1	4.8
29 Electrical machinery, equipment and supplies		5,116,282	0.1	5.9	5,047,474	-1.3	5.9
30 Information and communication electronics equipment		2,807,677	-16.3	3.2	2,123,267	-24.4	2.5
31 Transportation equipment		13,885,223	2.6	15.9	15,317,865	10.3	18.0
32 Miscellaneous manufacturing industries		1,309,966	-0.1	1.5	1,324,972	1.1	1.6

Note: The value added data on establishments with 10-29 employees represent gross value added.

② Observing the composition ratio of the value added by industry, “Manufacture of transportation equipment” records the largest value added (15.3179 trillion yen or 18.0% of the total), followed by “Manufacture of chemical and allied products” (9.6339 trillion yen or 11.3% id.), “Manufacture of food” (8.2990 trillion yen or 9.8%), “Manufacture of production machinery” (5.4001 trillion yen or 6.4% id.) and “Manufacture of electrical machinery, equipment and supplies” (5.475 trillion yen or 5.9% id.). These five industry sectors account for over 50% of the total. Then the list continues in descending order with “Manufacture of fabricated metal products” (5.4% id.), “Electronic parts, devices and electronic circuits” (4.8% id.), “Manufacture of plastic products, except otherwise classified” (4.6% id.), “Manufacture of general-purpose machinery” (4.5% id.) and “Manufacture of beverages, tobacco and feed” (3.2% id.) (Table 5, Figure 9).

Figure 9: Breakdown of Value Added by Industry (Establishments with 10 or more employees)

