

General Situation

I. Survey Tables on Enterprises

The survey tables on enterprises observes activities of establishments engaged in manufacturing industry with 4 or more employees by replacing each establishment to enterprise unit to which the establishment belongs.

1. Enterprises holding an establishment with 4 or more employees

The number of establishments engaged in manufacturing industry with 4 or more employees in 2002 was 290,848 (down 7.3% compared to the previous year). Replacing these establishments to enterprise unit, the number of enterprises was 265,120 (down 7.5% id.) (Table 1, Figure 1).

(1) Number of enterprises

- (i) Looking at the number of enterprises (265,120) by legal status, the number of corporations was 218,466 (down 6.0% compared to the previous year), accounting for 82.4% of all enterprises. The number of associations and others was 2,239 (down 4.6% id.), accounting for 0.8% and that of individual enterprises was 44,415 (down 14.2% id.), accounting 16.8% (Table 1, Figure 1).

Figure 1 Transition in the number of enterprises by legal status

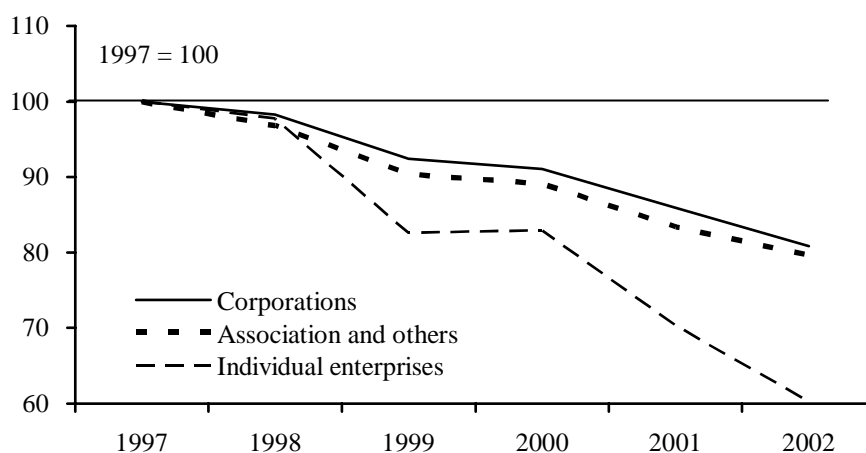


Table 1 Transition in the number of enterprises

	Total		Corporations		Associations and others		Individual enterprises	
	(Enterprises)	Y/Y (%)	(Enterprises)	Y/Y (%)	(Enterprises)	Y/Y (%)	(Enterprises)	Y/Y (%)
1997	328,144	...	257,130	...	2,639	...	69,375	...
1998	343,018	-1.9	268,182	-1.7	2,790	-3.2	72,046	-2.3
1999	315,614	-8.0	252,108	-6.0	2,606	-6.6	60,900	-15.5
2000	312,341	-1.0	248,603	-1.4	2,568	-1.5	61,170	0.4
2001	288,802	-7.5	234,494	-5.7	2,407	-6.3	51,901	-15.2
2002	265,120	-7.5	218,466	-6.0	2,239	-4.6	44,415	-14.2

Note 1: The year-on-year comparison in 1997 is unidentified because of replacement of establishments with 4 or more employees to enterprise unit.

Note 2: Because of the adjustment of establishments in the 1998 survey, the year-on-year comparison is based on a time series.

Note 3: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Furthermore, of all enterprises (265,120), the number of enterprises with 1 establishment was 248,482 (down 7.5% compared to the previous year), accounting for 93.7% which was the most of all enterprises. The number of enterprises with 2 or more establishments was 16,638 (down 6.3% id.), accounting for 6.3% (Table 2).

Table 2 Number of establishments and enterprises by legal status and size of capital

By legal status and size of capital	Number of establishments			Total number of enterprises		
		Y/Y (%)	Composition ratio by organization (%)		Y/Y (%)	Composition ratio by organization (%)
Total	290,848	-7.3	100.0	265,120	-7.5	100.0
Companies (total)	243,554	-6.0	83.7	218,466	-6.0	82.4
Capital less than 10 million yen	79,414	-8.0	27.3	78,148	-8.0	29.5
Capital 10 to less than 30 million yen	114,459	-5.9	39.4	106,756	-5.7	40.3
Capital 30 to less than 50 million yen	18,171	-3.1	6.2	14,828	-2.6	5.6
Capital 50 to less than 100 million yen	13,407	-1.8	4.6	9,788	-1.6	3.7
Capital 100 to less than 300 million yen	5,952	-3.1	2.0	3,898	-1.8	1.5
Capital 300 million to less than 1 billion yen	4,694	-0.5	1.6	2,610	-1.1	1.0
Capital 1 to less than 10 billion yen	4,493	-2.2	1.5	1,893	-0.9	0.7
Capital 10 billion yen or more	2,964	-4.8	1.0	545	-1.1	0.2
Associations and others	2,746	-4.8	0.9	2,239	-4.6	0.8
Individual enterprises	44,548	-14.3	15.3	44,415	-14.2	16.8

By legal status and size of capital								
	Number of enterprises with 1 establishment				Number of enterprises with 2 or more establishments			
		Y/Y (%)	Composition ratio by organization (%)	Composition ratio by number of establishments (%)		Y/Y (%)	Composition ratio by organization (%)	Composition ratio by number of establishments (%)
Total	248,482	-7.5	100.0	93.7	16,638	-6.3	100.0	6.3
Companies (total)	202,157	-6.0	81.4	92.5	16,309	-6.1	98.0	7.5
Capital less than 10 million yen	76,995	-7.9	31.0	98.5	1,153	-13.0	6.9	1.5
Capital 10 to less than 30 million yen	100,241	-5.5	40.3	93.9	6,515	-8.9	39.2	6.1
Capital 30 to less than 50 million yen	12,323	-2.2	5.0	83.1	2,505	-4.9	15.1	16.9
Capital 50 to less than 100 million yen	7,354	-1.4	3.0	75.1	2,434	-2.4	14.6	24.9
Capital 100 to less than 300 million yen	2,691	-1.1	1.1	69.0	1,207	-3.5	7.3	31.0
Capital 300 million to less than 1 billion yen	1,605	-1.7	0.6	61.5	1,005	-0.2	6.0	38.5
Capital 1 to less than 10 billion yen	840	0.6	0.3	44.4	1,053	-2.0	6.3	55.6
Capital 10 billion yen or more	108	-3.6	0.0	19.8	437	-0.5	2.6	80.2
Associations and others	2,038	-4.4	0.8	91.0	201	-6.5	1.2	9.0
Individual enterprises	44,287	-14.2	17.8	99.7	128	-26.0	0.8	0.3

Note 1: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Note 2: Composition ratio by organization refers to composition ratio of enterprises by legal status and size of capital. Composition ratio by number of enterprises refers to composition ratio of enterprises with 1 establishment or with 2 or more establishments.

- (ii) Looking at corporations (218,466) by size of capital or investment (hereinafter referred to as “capital”) (Figure 2), enterprises with capital 10 to less than 30 million yen totaled 106,756 (composition ratio in corporations 48.9%), accounting for nearly the half, followed by 78,148 enterprises with capital less than 10 million yen (35.8% id.), 14,828 enterprises with capital 30 to less than 50 million yen (6.8% id.), 9,788 enterprises with capital 50 to less than 100 million yen (4.5% id.), 3,898 enterprises with capital 100 to less than 300 million yen (1.8% id.), 2,610 enterprises with capital 300 million to less than 1 billion yen (1.2% id.), 1,893 enterprises with capital 1 to less than 10 billion yen (0.9% id.) and 545 enterprises with capital 10 billion yen or more (0.2% id.).

In the year-on-year comparison ratio of the number of enterprises by size of capital, it decreased in all sizes. The smaller the size is, the higher the reduction rate is.

- (iii) Observing the number of enterprises (265,120) by size of employees (Figure 3), enterprises with less than 30 persons account for 84.5% of the total at 224,104. Enterprises with 30 to 99 persons take up 29,023 (composition ratio in all enterprises 10.9%), 100 to 299 persons 8,974 (3.4% id.), 300 to 999 persons 2,422 (0.9% id.) and 1,000 or more persons 597 (0.2% id.).

The year-on-year comparison ratio in this number reduced in all size categories including enterprises with less than 30 persons (down 8.1% compared to the previous year), 30 to 99 persons (down 4.1% id.), 100 to 299 persons (down 3.7% id.), 300 to 999 persons (down 0.8% id.) and 1,000 or more persons (down 3.6% id.).

Figure 2 Composition ratio of the number of corporations by size of capital

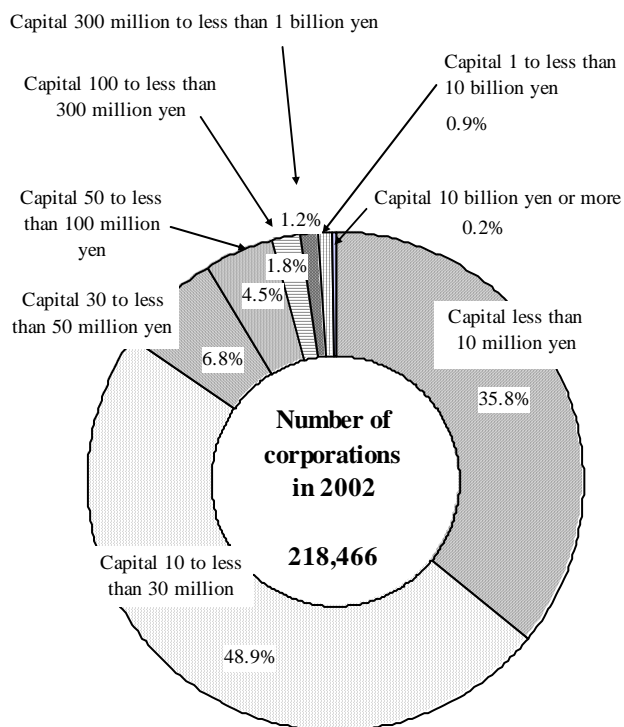
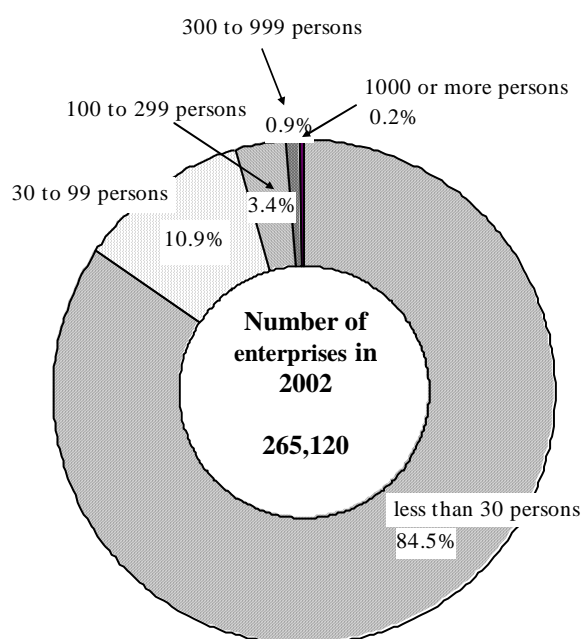


Figure 3 Composition ratio of the number of enterprises by size of employees



(2) Number of employees

- (i) The total number of employees was 8,323,589 (down 4.9% compared to the previous year). By legal status, that number in corporations was 7,969,060 (down 4.6% id.), accounting for 95.7%. Associations and others take up 0.8% at 64,565 (down 4.3% id.) and individual enterprises account for 3.5% (down 12.7% id.) at 289,964 (Table 3, Figure 4).

Figure 4 Transition in the number of employees by legal status

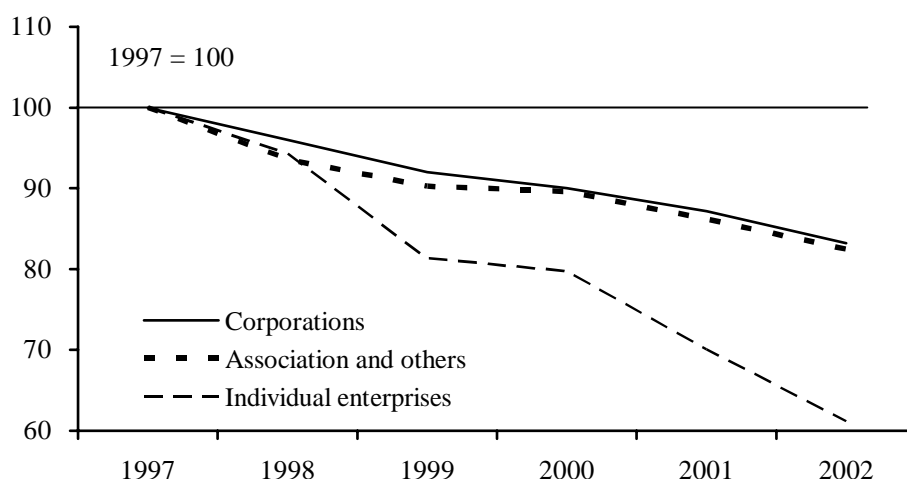


Table 3 Transition in the number of employees by legal status

	Total		Corporations		Associations and others		Individual	
	(Persons)	Y/Y (%)	(Persons)	Y/Y (%)	(Persons)	Y/Y (%)	(Persons)	Y/Y (%)
1997	9,937,330	...	9,419,653	...	77,342	...	440,335	...
1998	9,837,464	-4.1	9,312,553	-4.0	76,852	-6.4	448,059	-5.7
1999	9,377,750	-4.7	8,917,429	-4.2	74,134	-3.5	386,187	-13.8
2000	9,183,833	-2.1	8,731,498	-2.1	73,530	-0.8	378,805	-1.9
2001	8,866,220	-3.5	8,462,528	-3.1	70,751	-3.8	332,941	-12.1
2002	8,323,589	-4.9	7,969,060	-4.6	64,565	-4.3	289,964	-12.7

Note 1: The year-on-year comparison in 1997 is unidentified because of replacement of establishments with 4 or more employees to enterprise unit.

Note 2: Because of the adjustment of establishments in the 1998 survey, the year-on-year comparison is based on a time series.

Note 3: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Furthermore, the number of employees in enterprises with 1 establishment was 4,644,406 (composition ratio in all enterprises 55.8%), down 5.1% compared to the previous year and that number in enterprises with 2 or more establishments was 3,679,183 (44.2% id.), down 4.6% id., leading to a decline in both categories. Looking at the composition ratio by size of capital, most of corporations with capital less than 10 million yen have 1 establishment (composition ratio in all enterprises with capital less than 10 million yen 95.2%) and the ratio in corporations with capital more than 10 billion yen and have 2 or more establishments was 96.0%, which was extremely high (Table 4).

Table 4 Number of employees by legal status and size of capital

By legal status and size of capital	Total number of enterprises										
				Number of enterprises with 1 establishment				Number of enterprises with 2 or more establishments			
		Y/Y	Composition ratio by organization		Y/Y	Composition ratio by organization	Composition ratio by number of establishments		Y/Y	Composition ratio by organization	Composition ratio by number of establishments
	(Persons)	(%)	(%)	(Persons)	(%)	(%)	(%)	(Persons)	(%)	(%)	(%)
Total	8,323,589	-4.9	100.0	4,644,406	-5.1	100.0	55.8	3,679,183	-4.6	100.0	44.2
Companies (total)	7,969,060	-4.6	95.7	4,314,583	-4.6	92.9	54.1	3,654,477	-4.6	99.3	45.9
Capital less than 10 million yen	761,031	-6.4	9.1	724,211	-6.2	15.6	95.2	36,820	-10.9	1.0	4.8
Capital 10 to less than 30 million yen	2,190,575	-5.6	26.3	1,818,568	-5.1	39.2	83.0	372,007	-8.1	10.1	17.0
Capital 30 to less than 50 million yen	744,048	-3.6	8.9	495,554	-2.9	10.7	66.6	248,494	-5.0	6.8	33.4
Capital 50 to less than 100 million yen	844,341	-1.5	10.1	480,579	-1.6	10.3	56.9	363,762	-1.3	9.9	43.1
Capital 100 to less than 300 million yen	540,760	-4.2	6.5	268,681	-1.9	5.8	49.7	272,079	-6.3	7.4	50.3
Capital 300 million to less than 1 billion yen	594,082	-1.9	7.1	258,229	-5.5	5.6	43.5	335,853	1.1	9.1	56.5
Capital 1 to less than 10 billion yen	861,012	-2.7	10.3	210,872	-5.5	4.5	24.5	650,140	-1.7	17.7	75.5
Capital 10 billion yen or more	1,433,211	-6.6	17.2	57,889	-9.7	1.2	4.0	1,375,322	-6.4	37.4	96.0
Associations and others	64,565	-4.3	0.8	42,962	-3.1	0.9	66.5	21,603	-6.5	0.6	33.5
Individual enterprises	289,964	-12.7	3.5	286,861	-12.6	6.2	98.9	3,103	-20.7	0.1	1.1

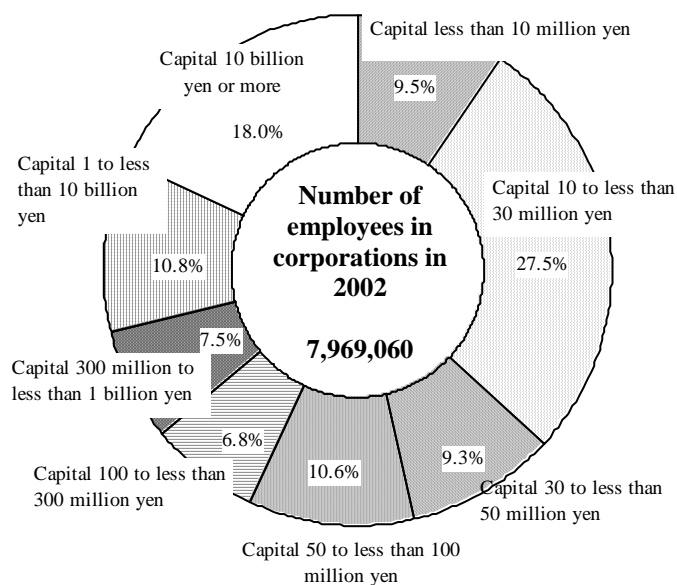
Note 1: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Note 2: Composition ratio by organization refers to composition ratio of enterprises by legal status and size of capital. Composition ratio by number of enterprises refers to composition ratio of enterprises with 1 establishment or with 2 or more establishments.

- (ii) Looking at the number of employees in corporations by size of capital (Figure 5), corporations with capital 10 to less than 30 million yen account for 27.5%, those with capital 10 billion yen or more account for 18.0%, those with capital 1 to less than 10 billion yen account for 10.8%, those with 50 to less than 100 million yen account for 10.6%, those with less than 10 million yen account for 9.5%, those with capital 30 to less than 50 million yen account for 9.3%, those with capital 300 million to less than 1 billion yen account for 7.5% and those with capital 100 to less than 300 million yen account for 6.8%.

Observing the ratio compared to the previous year by size of capital, the number of employees of corporations reduced in all size categories including capital more than 10 billion yen (down 6.6% compared to the previous year) and capital less than 10 million yen (down 6.4% id.).

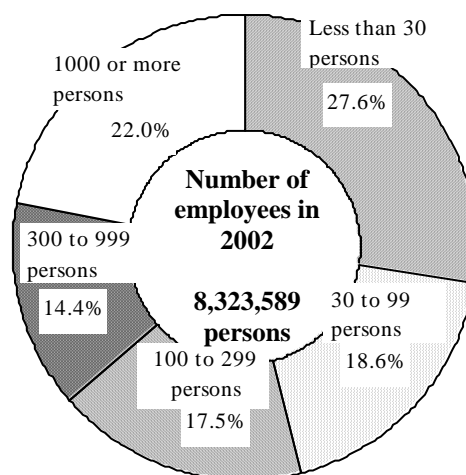
Figure 5 Composition ratio of the number of employees in corporations by size of capital



(iii) Observing the number of employees (8,323,589) by size of employees (Figure 6), it was 2,293,755 in enterprises with less than 30 persons, which accounts for 27.6%, 1,546,002 in enterprises with 30 to 99 persons (composition ratio in all enterprises 18.6%), 1,452,611 in those with 100 to 299 persons (17.5% id.), 1,198,622 in those of 300 to 999 persons (14.4% id.) and 1,832,599 in those with more than 1,000 persons (22.0% id.).

In the year-on-year comparison ratio, the number of employees by size of employees decreased in all size categories including less than 30 persons (down 6.9% compared to the previous year), 30 to 99 persons (down 4.0% id.), 100 to 299 persons (down 3.9% id.), 300 to 999 persons (down 1.5% id.) and more than 1,000 persons (down 7.5% id.).

Figure 6 Composition ratio of the number of employees by size of employees



(3) Value of manufactured goods shipments

(i) The value of manufactured goods shipments (hereinafter referred to as “value of shipment”) was 269.3618 trillion yen (down 4.4% compared to the previous year). By legal status, the value of shipment was 266.5095 trillion yen (down 4.4% id.) in corporations which accounts for 98.9% of the total, 1.2872 trillion yen (down 7.5% id.) in associations and others which accounts for 0.5% and 1.5651 trillion yen (down 13.4% id.) which accounts for 0.6% (Table 5, Figure 7).

Figure 7 Transition in value of shipment by legal status

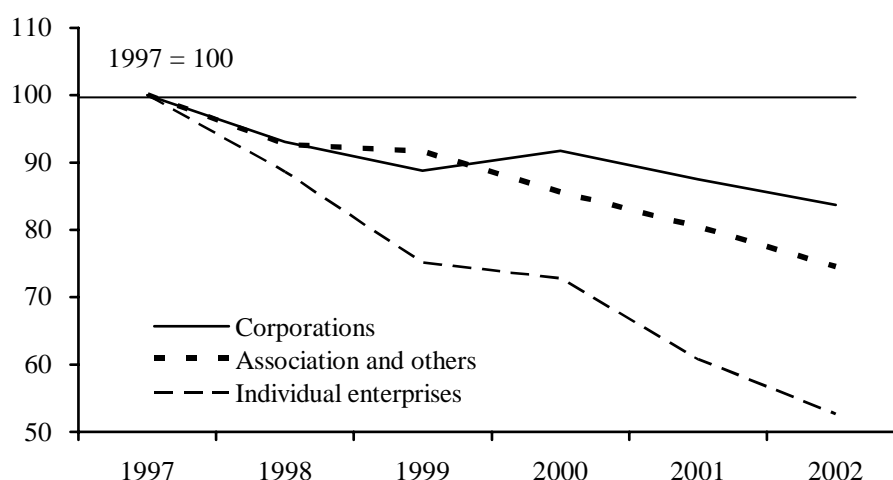


Table 5 Transition in value of shipment by legal status

	Total		Corporations		Associations and others		Individual	
	(Mill. yen)	Y/Y	(Mill. yen)	Y/Y	(Mill. yen)	Y/Y	(Mill. yen)	Y/Y
1997	323,071,831	...	318,458,355	...	1,817,608	...	2,795,868	...
1998	305,839,992	-7.0	301,421,619	-6.9	1,777,123	-7.3	2,641,250	-11.4
1999	291,449,554	-4.7	287,455,033	-4.6	1,755,544	-1.2	2,238,978	-15.2
2000	300,477,604	3.1	296,665,371	3.2	1,641,850	-6.5	2,170,383	-3.1
2001	286,667,406	-4.6	283,312,536	-4.5	1,542,973	-6.0	1,811,897	-16.5
2002	269,361,805	-4.4	266,509,502	-4.4	1,287,194	-7.5	1,565,110	-13.4

Note 1: The year-on-year comparison in 1997 is unidentified because of replacement of establishments with 4 or more employees to enterprise unit.

Note 2: Because of the adjustment of establishments in the 1998 survey, the year-on-year comparison is based on a time series.

Note 3: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

In addition, the value of shipment was 92.5777 trillion yen (down 6.1% id.) in enterprises with 1 establishment, accounting for 34.4% of the total and 176.7841 trillion yen (down 3.5% id.) in enterprises with 2 or more establishments, accounting for 65.6% (Table 6).

Furthermore, enterprises with 1 establishment take up most of all enterprises at 93.7%. While they account for 55.8% in the number of employees, which is over 50 %, they take up 34.4% in the value of shipment.

Table 6 Value of shipment by legal status and size of capital

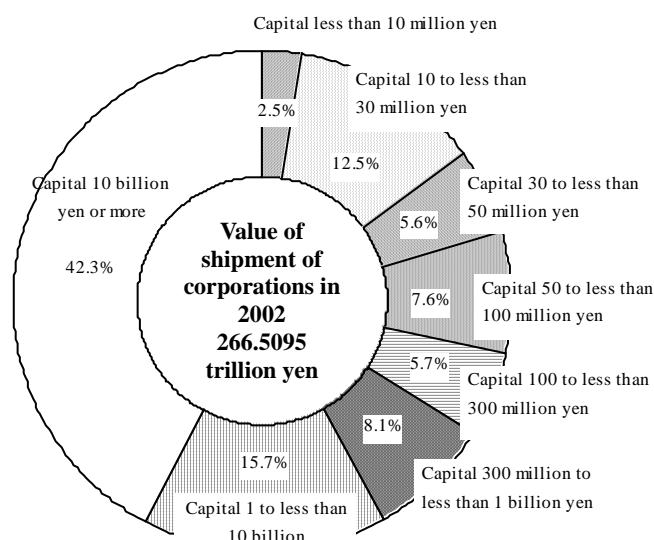
By legal status and size of capital	Total number of enterprises										
				Number of enterprises with 1 establishment				Number of enterprises with 2 or more establishments			
	(Mill. yen)	Composition ratio by organization		(Mill. yen)	Composition ratio by organization		Composition ratio by number of establishments	(Mill. yen)	Composition ratio by organization		Composition ratio by number of establishments
		Y/Y	(%)		Y/Y	(%)			Y/Y	(%)	
Total	269,361,805	-4.4	100.0	92,577,725	-6.1	100.0	34.4	176,784,080	-3.5	100.0	65.6
Companies (total)	266,509,502	-4.4	98.9	90,320,687	-6.0	97.6	33.9	176,188,814	-3.5	99.7	66.1
Capital less than 10 million yen	6,671,308	-9.7	2.5	6,354,449	-9.5	6.9	95.3	316,859	-13.6	0.2	4.7
Capital 10 to less than 30 million yen	33,393,323	-8.8	12.4	27,244,436	-8.4	29.4	81.6	6,148,887	-10.6	3.5	18.4
Capital 30 to less than 50 million yen	14,948,934	-6.8	5.5	9,710,651	-6.3	10.5	65.0	5,238,283	-7.8	3.0	35.0
Capital 50 to less than 100 million yen	20,145,190	-4.0	7.5	11,534,625	-4.4	12.5	57.3	8,610,564	-3.4	4.9	42.7
Capital 100 to less than 300 million yen	15,302,829	-7.1	5.7	7,987,185	-5.8	8.6	52.2	7,315,644	-8.5	4.1	47.8
Capital 300 million to less than 1 billion yen	21,582,544	-1.6	8.0	10,001,386	-2.8	10.8	46.3	11,581,158	-0.5	6.6	53.7
Capital 1 to less than 10 billion yen	41,840,733	-2.3	15.5	12,911,361	-3.4	13.9	30.9	28,929,372	-1.8	16.4	69.1
Capital 10 billion yen or more	112,624,640	-3.2	41.8	4,576,593	-3.9	4.9	4.1	108,048,047	-3.2	61.1	95.9
Associations and others	1,287,194	-7.5	0.5	713,693	-6.6	0.8	55.4	573,501	-8.5	0.3	44.6
Individual enterprises	1,565,110	-13.4	0.6	1,543,345	-13.3	1.7	98.6	21,765	-15.9	0.0	1.4

Note 1: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Note 2: Composition ratio by organization refers to composition ratio of enterprises by legal status and size of capital. Composition ratio by number of enterprises refers to composition ratio of enterprises with 1 establishment or with 2 or more establishments.

- (ii) By size of capital, the value of shipment of corporations (Table 6, Figure 8) was 112.6246 trillion yen, accounting for 42.3% in corporations with capital more than 10 billion yen, 41.8407 trillion yen in corporations with capital 1 to less than 10 billion yen (composition ratio in corporations 15.7%), 33.3933 trillion yen in those with capital 10 to less than 30 million yen (12.5% id.), 21.5825 trillion yen in those with capital 30 to less than 1 billion yen (8.1% id.), 20.1452 trillion yen in those with capital 50 to less than 100 million yen (7.6% id.), 15.3028 trillion yen in those with capital 100 to less than 300 million yen (5.7% id.), 14.9489 trillion yen in those with capital 30 to less than 50 million yen (5.6% id.) and 6.6713 trillion yen in those with capital less than 10 million yen (2.5% id.).

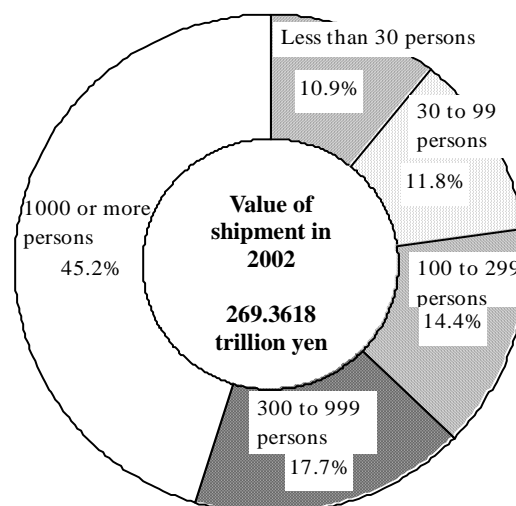
Figure 8 Composition ratio of value of shipment in corporations by size of capital



Looking at the year-on-year comparison ratio of value of shipment in corporations, it decreased in all size categories including capital less than 10 million yen, which was down 9.7%.

- (iii) In the value of shipment (269.3618 trillion yen) by size of employees (Figure 9), enterprises with 1,000 or more persons account for 45.2% at 121.8228 trillion yen, followed by 300 to 999 persons at 47.6502 trillion yen (composition ratio in the number of enterprises 17.7%), 100 to 299 persons for 38.7367 trillion yen (14.4% id.), 30 to 99 persons for 31.8826 trillion yen (11.8% id.), less than 30 persons for 29.2696 trillion yen (10.9% id.).

Figure 9 Composition ratio of value of shipment by size of employees



By ratio compared to the previous year, the value of shipment by size of employees reduced in all size categories including enterprises with less than 30 persons (down 9.3% compared to the previous year), 30 to 99 persons (down 5.6% id.), 100 to 299 persons (down 5.8% id.), 300 to 999 persons (down 1.3% id.), 1,000 or more persons (down 4.8% id.).

(4) Number of employees per enterprise

- (i) The number of employees per enterprise was 31 (flat compared to the previous year). By legal status, that number in corporation was 36 (flat id.). The number in corporations with capital 10 billion yen or more was particularly huge, which was 2,630 (down 154 persons id.). Associations and others have 29 persons per enterprise (flat id.) and individual enterprises have 7 persons per enterprise (down 1 person id.) (Table 7).
- (ii) The number of employees per enterprise with 1 establishment increased by 1 person compared to the previous year to 19. By legal status, the number was 21 in corporations (flat compared to the previous year). The corporations with capital 10 billion yen or more (536 persons, down 36 persons id.) and with capital 1 to 10 billion yen (251 persons, down 16 persons id.) significantly reduced the number. Those corporations have huge capital. The number in associations and others and individual enterprises was 21 persons (flat id.) and 6 persons (flat id.) respectively.

The number of employees per enterprise with 2 or more establishments was 221 (up 4 persons compared to the previous year). By legal status, corporations increased the number to 224 (up 4 persons id.). Of which, the corporations with capital 10 billion yen or more (3,147 persons, down 201 persons id.) significantly reduced the number. The number in associations and others and individual enterprises was 107 (flat id.) and 24 (up 1 person id.).

Table 7 Number of employees per enterprise by legal status and size of capital

By legal status and size of capital	Number of employees per enterprise		Number of employees per enterprise with 1 establishment		Number of employees per enterprise with 2 or more establishments	
	(Persons)	Y/Y (%)	(Persons)	Y/Y (%)	(Persons)	Y/Y (%)
Total	31	0	19	1	221	4
Companies (total)	36	0	21	0	224	4
Capital less than 10 million yen	10	0	9	0	32	1
Capital 10 to less than 30 million yen	21	0	18	0	57	0
Capital 30 to less than 50 million yen	50	-1	40	-1	99	0
Capital 50 to less than 100 million yen	86	0	65	0	149	1
Capital 100 to less than 300 million yen	139	-3	100	-1	225	-7
Capital 300 million to less than 1 billion yen	228	-1	161	-6	334	4
Capital 1 to less than 10 billion yen	455	-8	251	-16	617	2
Capital 10 billion yen or more	2,630	-154	536	-36	3,147	-201
Associations and others	29	0	21	0	107	0
Individual enterprises	7	1	6	0	24	1

Note 1: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

(5) Value of shipment per enterprise

- (i) The value of shipment per enterprise was 1.016 billion yen (up 3.3% compared to the previous year). By legal status, that of corporations was 1.21991 billion yen. Of which, corporations with capital 10 billion yen or more show prominence at 206.65072 billion yen, followed by corporations with capital 1 to less than 10 billion yen at 22.1287 billion yen and those with capital 300 million to less than 1 billion yen at 8.26917 billion yen. The shipment of value in associations and others and individual enterprises was 574.9 million yen and 35.24 million yen respectively (Table 8).
- (ii) The value of shipment per enterprise with 1 establishment was 372.57 million yen. By legal status, that in corporations was 446.78 million yen. Of which, the value in corporations with capital 10 billion yen or more was 42.37586 billion yen and that in those with capital 1 to less than 10 billion yen was 15.37067 billion yen. In addition, the value in associations and others and individual enterprises was 350.19 million yen and 34.85 million yen respectively.

The value of shipment per enterprise with 2 or more establishments was 10.62532 billion yen. By legal status, the value in corporations was 10.8316 billion yen. Of which, corporations with capital 10 billion yen or more show prominence at 247.24954 billion yen. The value of shipment in associations and others and individual enterprises was 2.85324 billion yen and 170.04 million yen respectively.

Table 8 Value of shipment per enterprise by legal status and size of capital

By legal status and size of capital	Value of shipment per enterprise		Value of shipment per enterprise with 1 establishment		Value of shipment per enterprise with 2 or more establishments	
	(10000 yen)	Y/Y (%)	(10000 yen)	Y/Y (%)	(10000 yen)	Y/Y (%)
Total	101,600	3.3	37,257	1.5	1,062,532	3.0
Companies (total)	121,991	1.7	44,678	0.0	1,080,316	2.8
Capital less than 10 million yen	8,537	-1.9	8,253	-1.7	27,481	-0.7
Capital 10 to less than 30 million yen	31,280	-3.3	27,179	-3.1	94,380	-1.9
Capital 30 to less than 50 million yen	100,816	-4.3	78,801	-4.2	209,113	-3.1
Capital 50 to less than 100 million yen	205,815	-2.4	156,848	-3.1	353,762	-1.0
Capital 100 to less than 300 million yen	392,582	-5.4	296,811	-4.8	606,101	-5.2
Capital 300 million to less than 1 billion yen	826,917	-0.4	623,139	-1.1	1,152,354	-0.3
Capital 1 to less than 10 billion yen	2,210,287	-1.4	1,537,067	-4.0	2,747,329	0.3
Capital 10 billion yen or more	20,665,072	-2.2	4,237,586	-0.4	24,724,954	-2.8
Associations and others	57,490	-3.1	35,019	-2.4	285,324	-2.2
Individual enterprises	3,524	1.0	3,485	1.0	17,004	13.6

Note 1: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

(6) Situation by large enterprise and medium and small sized enterprise

Observing enterprises by large enterprise and medium and small sized enterprise ^{Note} (Table 9, Figure 10), the number was 4,676 (composition ratio 1.8%) in large enterprises and 260,444 (98.2% id.) in medium and small sized enterprises that comprise most of enterprises. The number of employees was 2,824,012 (33.9% id.) in large enterprises and 5,499,577 (66.1% id.) in medium and small sized enterprises that comprise nearly two third. The value of shipment was 173.8964 trillion yen (64.6% id.) in large enterprises and 95.4654 trillion yen (35.4% id.) in medium and small sized enterprises and large enterprises account for nearly two third.

Figure 10 Composition ratio by large enterprise and medium and small sized enterprise (2002)

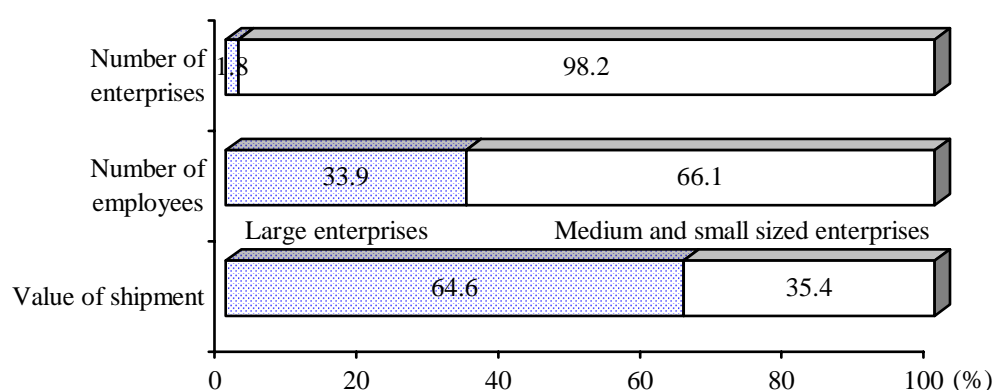


Table 9 Composition ratio by large enterprise and medium and small sized enterprise (2002)

(Unit: Enterprises, persons, million yen)

	Total	Large enterprises		Medium and small sized enterprises	
			Composition ratio (%)		Composition ratio (%)
Number of enterprises	265,120	4,676	1.8	260,444	98.2
Number of employees	8,323,589	2,824,012	33.9	5,499,577	66.1
Value of shipment	269,361,805	173,896,402	64.6	95,465,403	35.4

Note: The definition of a large enterprise and a medium and small sized enterprise is as follows:

Large enterprise:

Enterprise with capital more than 300 million yen and number of employees more than 300 persons in “Corporation”, enterprise with more than 300 persons in “Associations and others” and “Individual enterprises”

Medium and small sized enterprise:

Enterprise with capital 300 million yen or less and number of employees 300 persons or less in “Corporation”, enterprise with 300 persons or less in “Associations and others” and “Individual enterprises”

II. Survey Tables on Establishments

The survey tables on establishments are about the activities of establishments engaged in manufacturing industry with 4 or more employees, analyzing them by legal status and size of capital.

1. Number of establishments

- (1) The number of establishments engaged in manufacturing industry with 4 or more employees in 2002 was 290,848 (down 7.3% compared to the previous year).

By legal status (Figure 11), the number was 243,554 (down 6.0% id.) in corporations which account for 83.7% of the total, 2,746 (down 4.8% id.) in associations and other which account for 0.9% and 44,548 (down 14.3% id.) in individual enterprises which account for 15.3%.

The characteristics that the number of establishments of each legal status by industry (Figure 12) show that the ratio of establishments in corporations was high in all industries. In particular, in “chemical and allied products” (composition ratio 96.8%), “iron and steel” (94.2% id.), “petroleum and coal products” (92.1% id.), “general machinery” (92.0% id.) and “information and communication electronics equipment” (91.3% id.), more than 90% of establishments are corporations. In individual enterprises, “leather tanning, leather products and fur skins” (40.2% id.), “apparel and other finished products” (28.4% id.), “furniture and fixtures” (25.7% id.) and “textile mill products” (25.2% id.) have relatively high ratio.

Figure 11 Composition ratio of the number of establishments by legal status

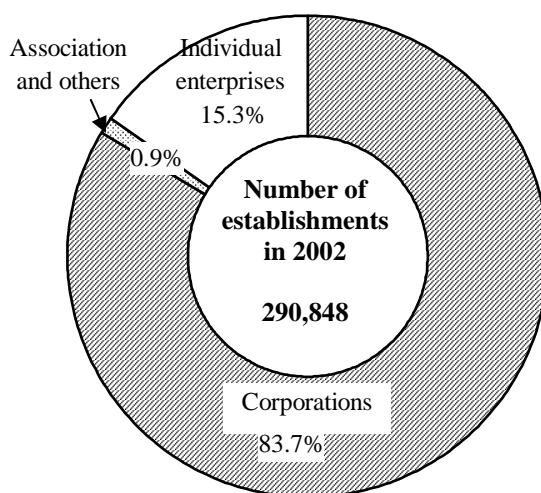
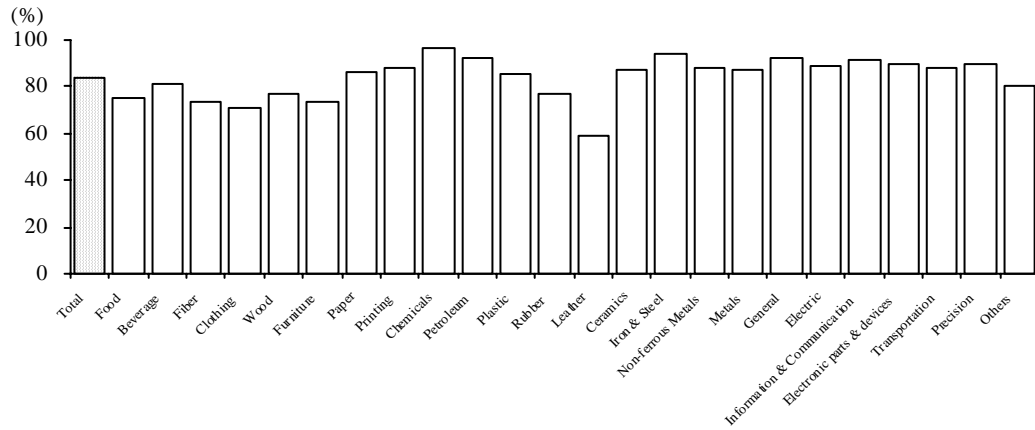


Figure 12 Composition ratio of establishments of each legal status by industry

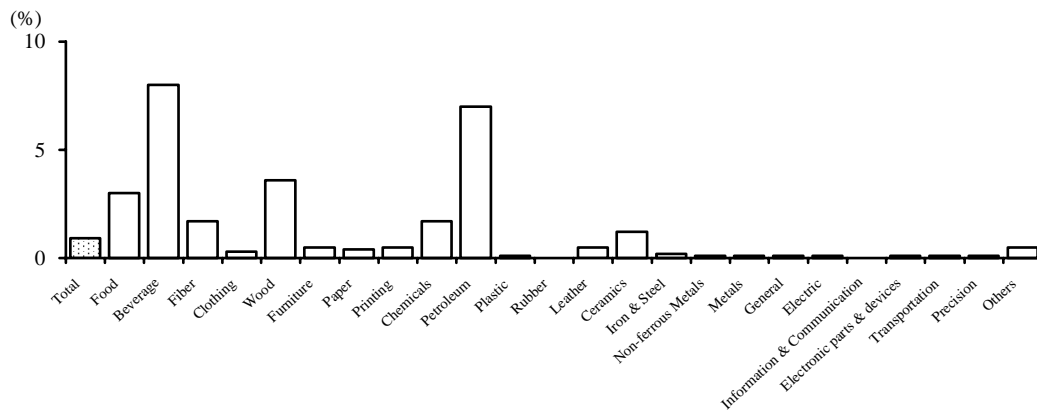
Corporations

Average in manufacturing 83.7%



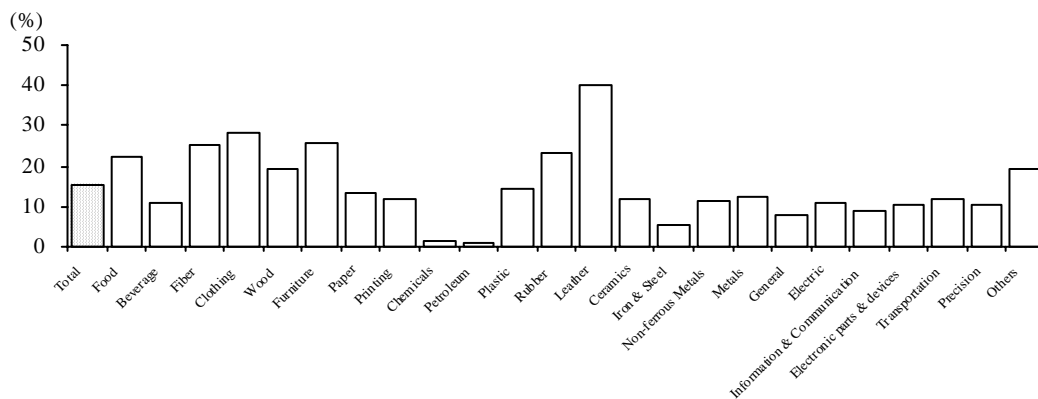
Associations and others

Average in manufacturing 0.9%



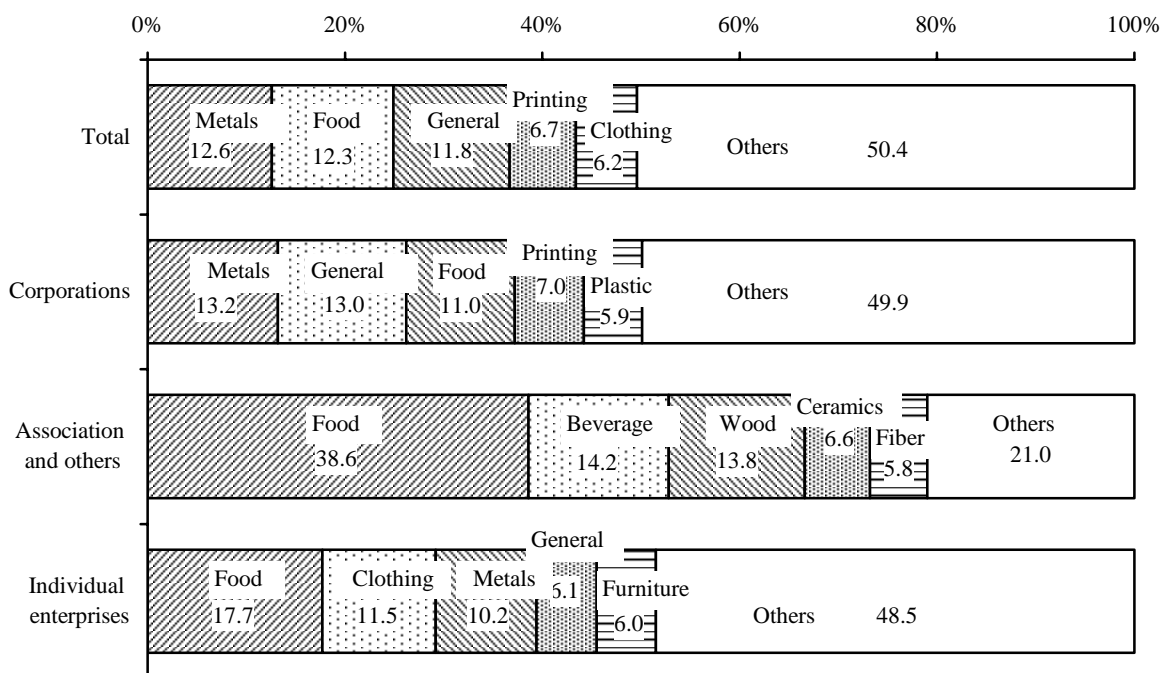
Individual enterprises

Average in manufacturing 15.3%



- (2) Looking at the number of establishments of each legal status by industry (Figure 13), ratio of corporations was high in “fabricated metal products” (composition ratio 13.2%), “general machinery” (13.0% id.), “food” (11.0% id.) and “printing and allied industries” (7.0% id.). Associations and others have the highest ratio in “food” (38.6%), followed by “beverages, tobacco and feed” (14.2% id.) and “lumber and wood products” (13.8%). In individual enterprises, the ratios in “food” (17.7% id.) and “apparel and other finished products” (11.5% id.) and “fabricated metal products” (10.2% id.) was high.

Figure 13 Composition ratio of the number of establishments by legal status and industry



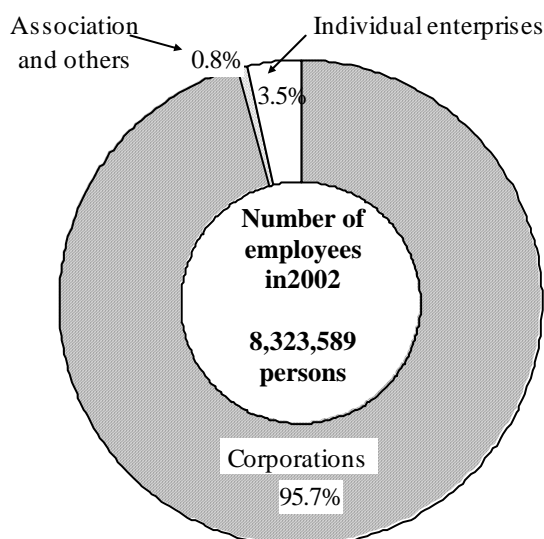
2. Number of employees

- (1) The number of employees in establishments engaged in manufacturing industry with 4 or more employees in 2002 was 8,323,589 (down 4.9% compared to the previous year).

By legal status (Figure 14), the number of employees accounts for 95.7% in corporations, which was 7,969,060. The number in associations and others was 64,565 (composition ratio 0.8%) and that in individual enterprises was 289,964 (3.5% id.).

Observing the number of employees by industry and legal status (Figure 15), corporations account for more than 80% in all industries other than “leather tanning,

Figure 14 Composition ratio of the number of employees by legal status

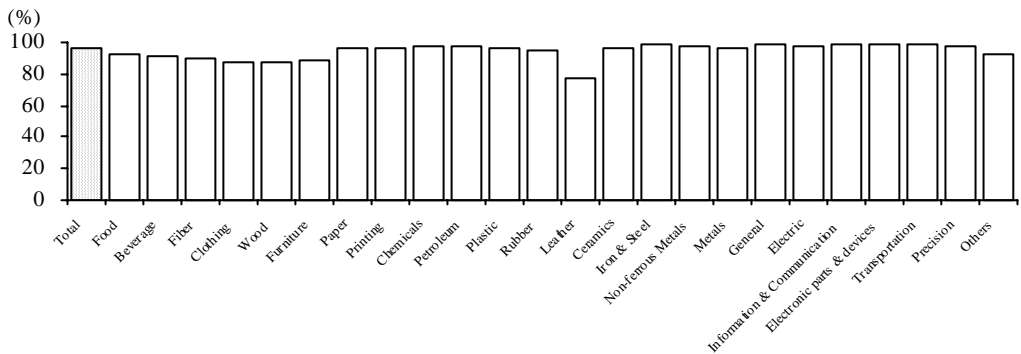


leather products and fur skins”. A form of corporation was taken by most industries including “iron and steel” (99.1% id.), “information and communication electronics equipment” (98.9% id.), “transportation equipment” (98.8% id.), “general machinery” (98.3% id.), “electrical machinery, equipment and supplies” (98.0% id.), “precision instruments and machinery” (97.9% id.), “petroleum and coal products” (97.6% id.), “chemical and allied products” (97.5% id.) and “non-ferrous metals and products” (97.3% id.).

Figure 15 Composition ratio of the number of employees of each legal status by industry

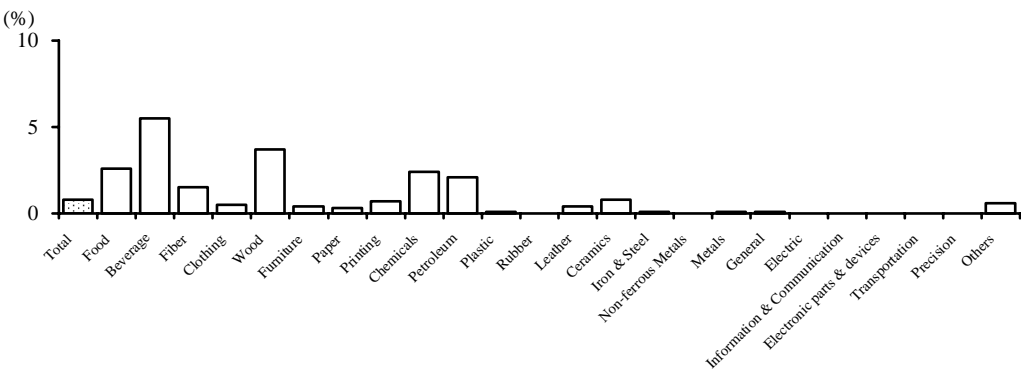
Corporations

Average in manufacturing 95.7%



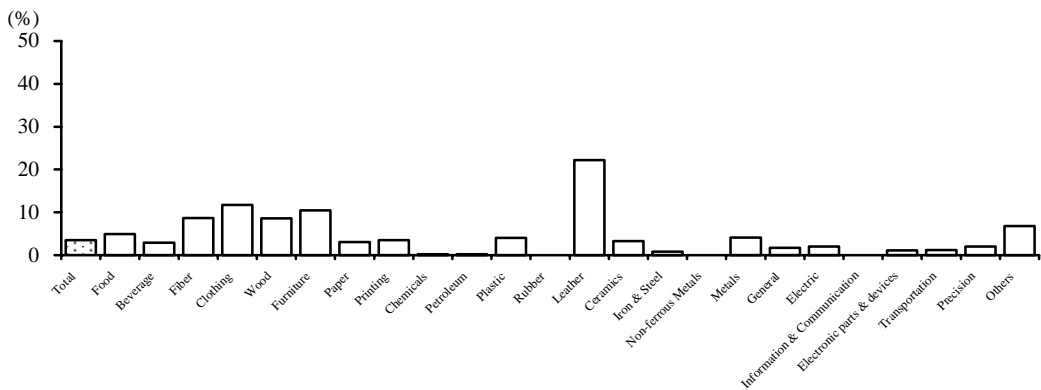
Associations and others

Average in manufacturing 0.8%



Individual enterprises

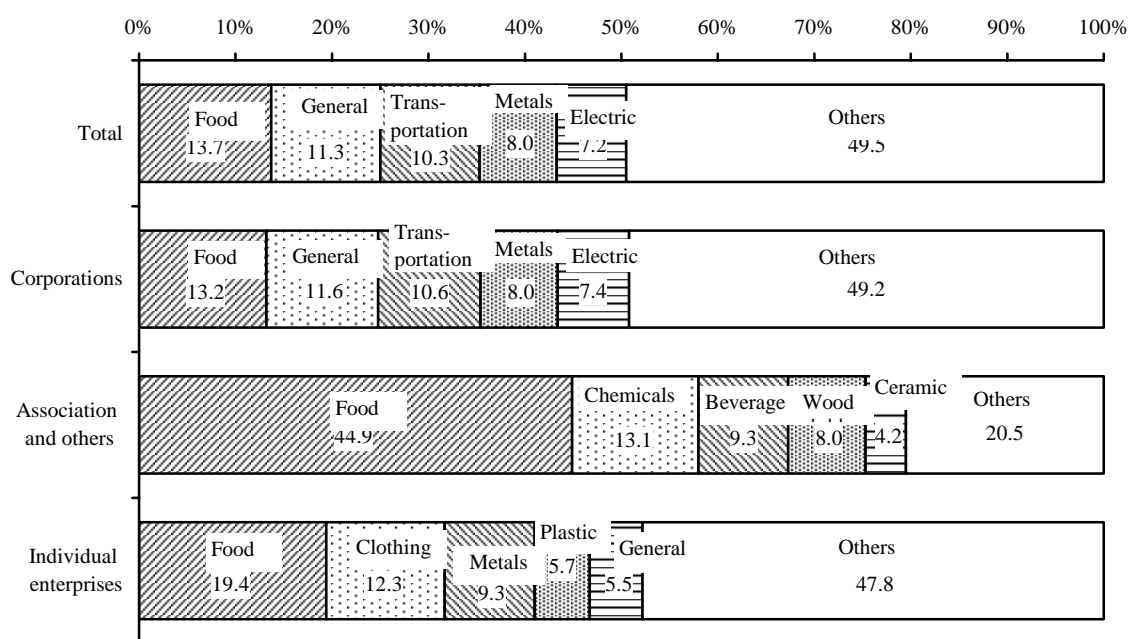
Average in manufacturing 3.5%



Note: The ratios with the mark * are not shown because of secrecy of data.

- (2) Looking at the number of employees in each legal status by industry (Figure 16), the ratio of corporation was high in “food” (composition ratio 13.2%), “general machinery” (11.6% id.), “transportation equipment” (10.6% id.), “fabricated metal products” (8.0% id.) and “electrical machinery, equipment and supplies” (7.4% id.). In associations and others, the ratio in “food” (44.9% id.) is extremely high, followed by “chemical and allied products” (13.1% id.), “beverages, tobacco and feed” (9.3% id.) and “lumber and wood products” (8.0% id.). The ratio in individual enterprises was high in “food” (19.4% id.), “apparel and other finished products” (12.3% id.), “fabricated metal products” (9.3% id.) and “plastic products” (5.7% id.).

Figure 16 Composition ratio of the number of employees by legal status and industry



3. Value of shipment

- (1) The value of shipment of establishments engaged in manufacturing industry with 4 or more employees in 2002 was 269.3618 trillion yen (down 4.4% compared to the previous year).

By legal status (Figure 17), the value of shipment was 266.5095 trillion yen which accounts for 98.9% in establishments of corporations, 1.2872 trillion yen (composition ratio 0.5%) in associations and other and 1.5651 trillion yen (0.6% id.) in individual enterprises.

By industry and legal status (Figure 18), the value of shipment in corporations exceeds 90% in all industries.

Figure 17 Composition ratio of value of shipment by legal status

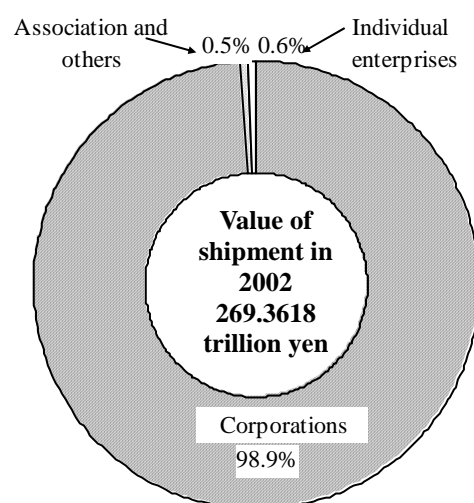
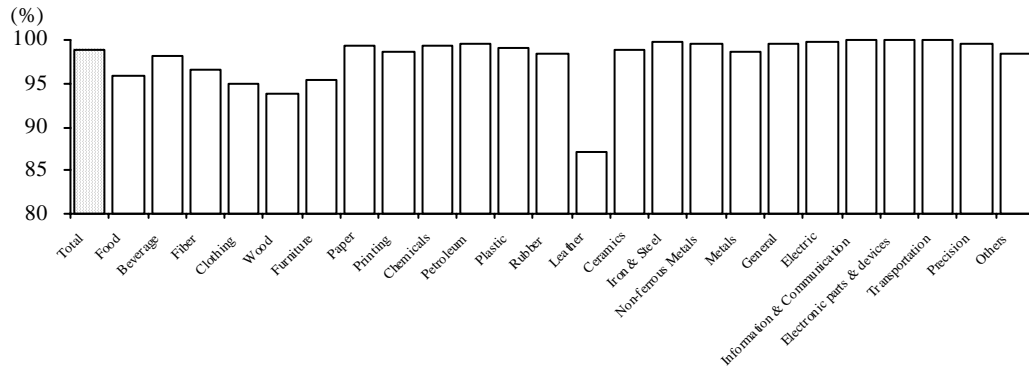


Figure 18 Composition ratio of value of shipment by legal status and industry

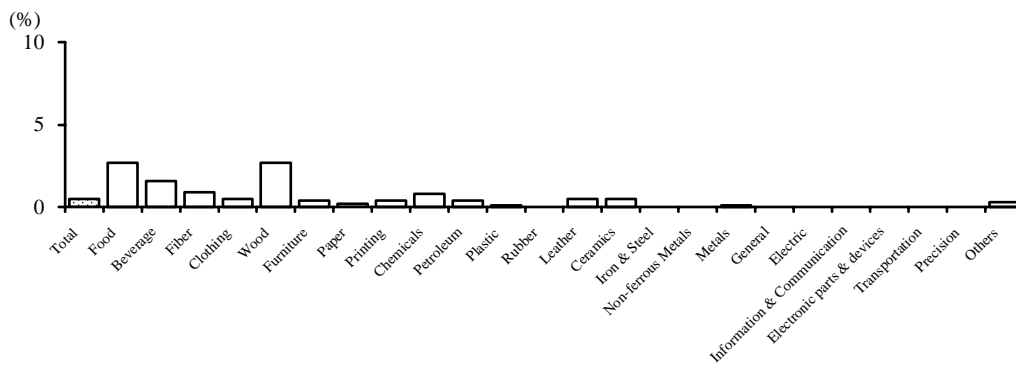
Corporations

Average in manufacturing 98.9%



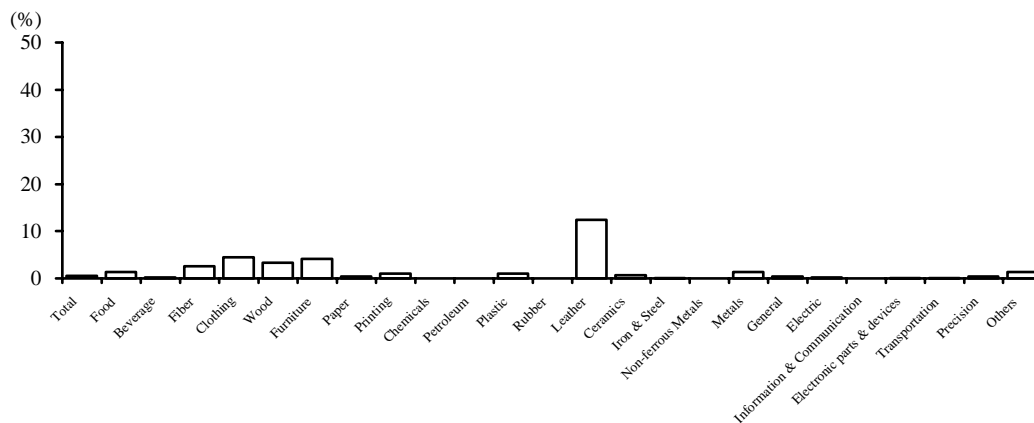
Associations and others

Average in manufacturing 0.5%



Individual enterprises

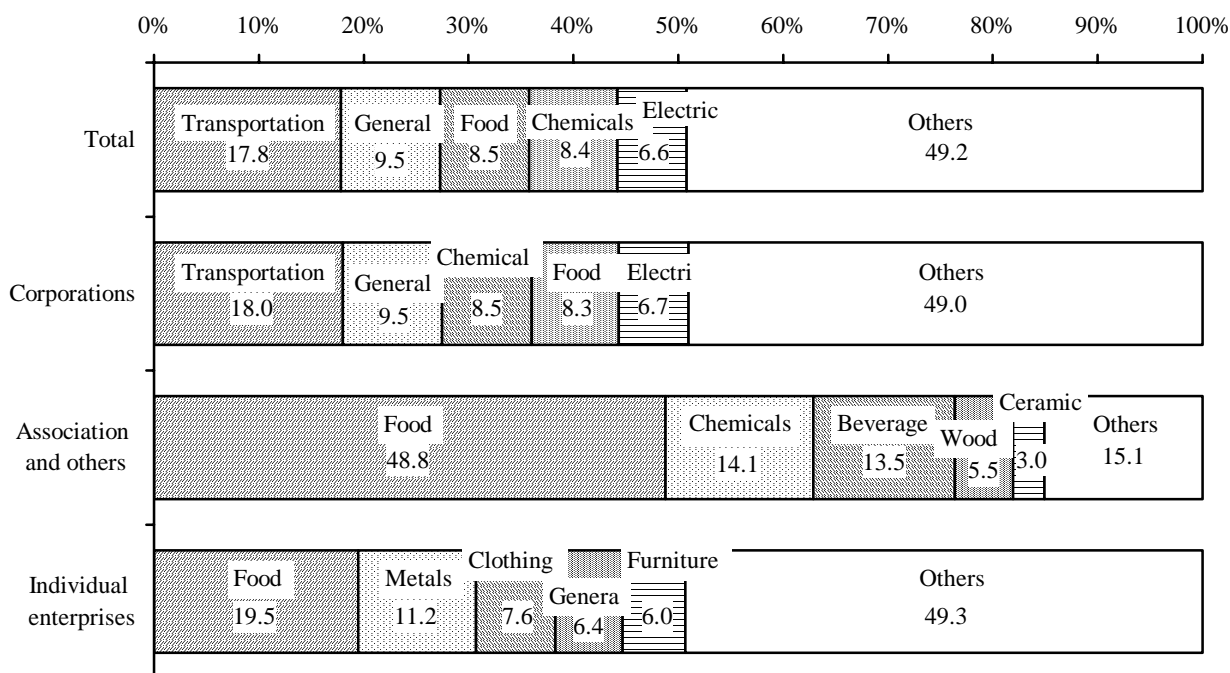
Average in manufacturing 0.6%



Note: The ratios with the mark * are not shown because of secrecy of data.

- (2) Observing the value of shipment in each legal status by industry (Figure 19), the industries with corporations holding high ratio are “transportation equipment” (composition ratio 18.0%), “general machinery” (9.5% id.), “chemical and allied products” (8.5% id.) and “food” (8.3% id.). In associations and others, “food” (48.8% id.) accounts for nearly 50%. “Chemical and allied products” (14.1% id.) and “beverages, tobacco and feed” (13.5% id.) follow that. The industries with individual enterprises holding high ratio are “food” (19.5% id.), “fabricated metal products” (11.2% id.) and “apparel and other finished products” (7.6% id.).

Figure 19 Composition ratio of the number of employees by industry and legal status



4. By prefecture

(1) Number of establishments

Looking at the number of establishments by legal status (Table 10),

- (i) The order of prefectures holding many establishments in corporations (Figure 20) is Tokyo (21,422), Osaka (21,373), Aichi (20,605), Saitama (14,790), Shizuoka (11,435) and Kanagawa (11,163).

By prefecture and industry, all prefectures show high ratio in “food”, “fabricated metal products” and “general machinery”.

Observing the number compared to the previous year, it decreased in all prefectures including Tokyo (down 9.3% compared to the previous year), Fukui (down 7.3% id.), Tokushima (down 7.1% id.) and Kanagawa and Osaka (both down 7.0% id.).

Figure 20 Number of establishments in corporation by prefecture

(10,000 establishments)



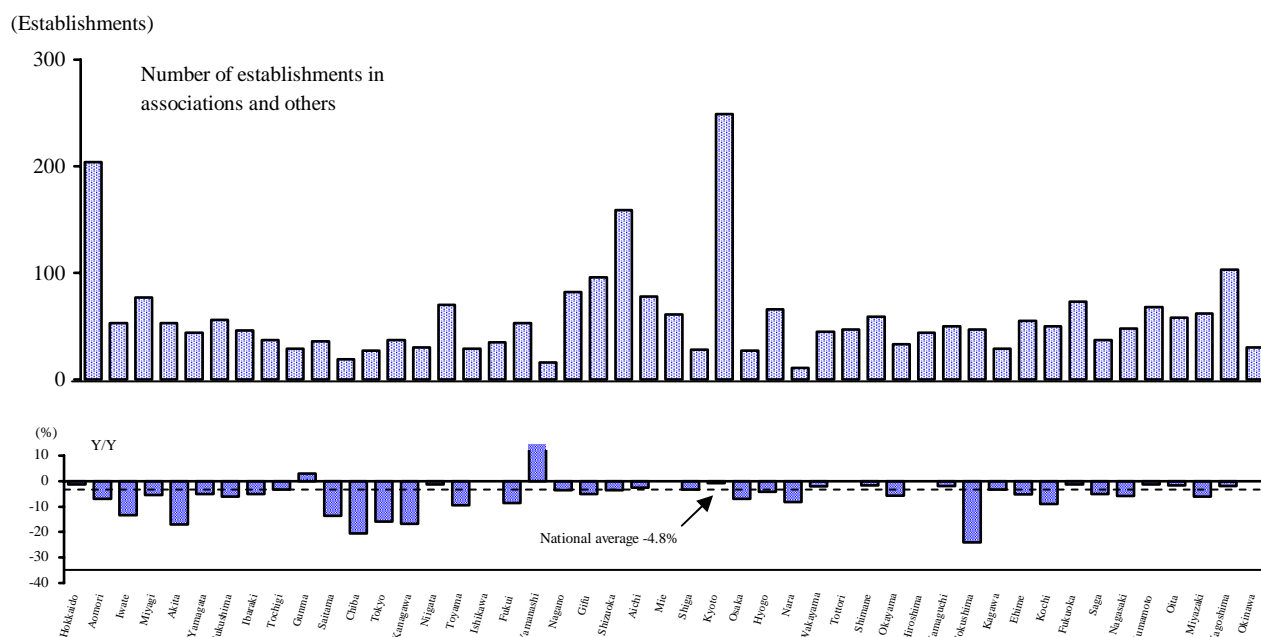
Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

- (ii) The number of the establishments in associations and others (Figure 21) was the highest in Kyoto (249), followed by Hokkaido (204), Shizuoka (159), Kagoshima (103) and Gifu (96).

By prefecture, Kyoto has the highest ratio in “textile mill products”, “ceramic, stone and clay products” and “food”, Hokkaido in “food”, “lumber and wood products” and “beverages, tobacco and feed”, Shizuoka in “beverages, tobacco and feed”, “food”, “lumber and wood products”, Kagoshima in “food” and “beverages, tobacco and feed” and Gifu in “food”, “ceramic, stone and clay products” and “lumber and wood products”. Incidentally, the ratio in “food” was relatively high in all prefectures.

In the year-on-year comparison ratio, the number was down in 40 prefectures such as Tokushima (down 24.2% compared to the previous year), Chiba (down 20.6% id.), Akita (down 17.0% id.), Kanagawa (down 16.7% id.), Tokyo (down 15.9% id.), Saitama (down 13.6% id.) and Iwate (down 13.5% id.).

Figure 21 Number of establishments in associations and others by prefecture



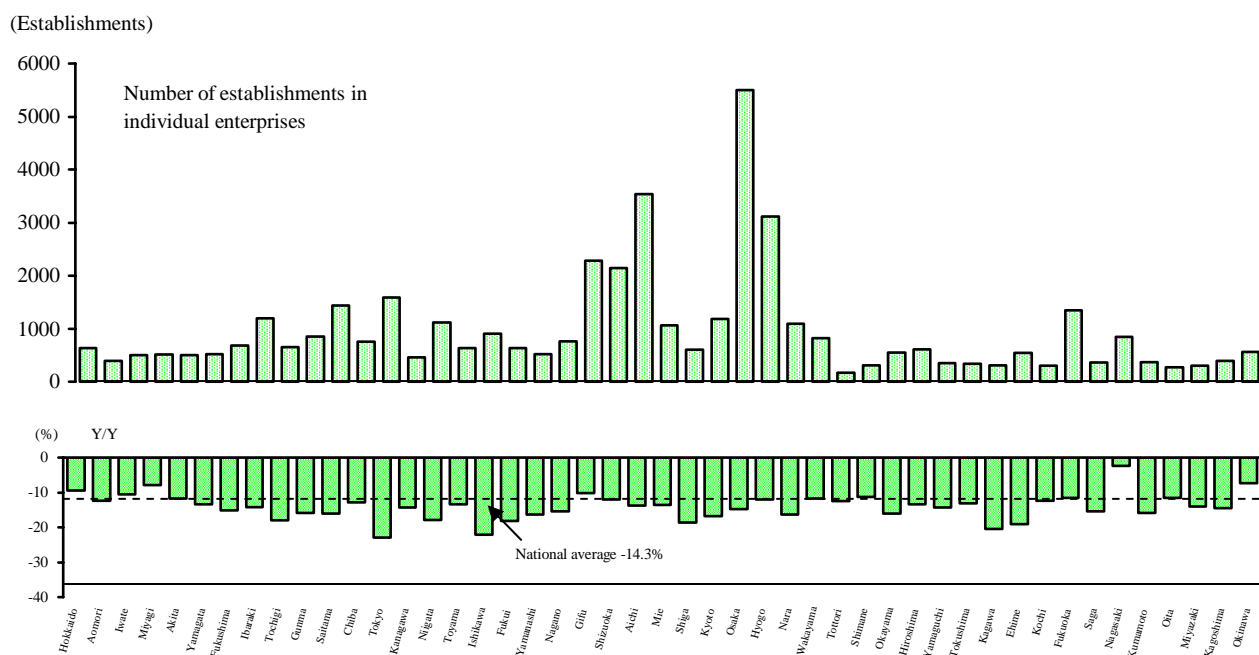
Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

- (iii) In individual establishments (Figure 22), the order of prefectures with many establishments is Osaka (5,502), Aichi (3,533), Hyogo (3,120), Gifu (2,277), Shizuoka (2,136), Tokyo (1,592), Saitama (1,435), Fukuoka (1,349) and Ibaraki (1,200).

By prefecture, Osaka has the highest ratio in “fabricated metal products” and “apparel and other finished products”, Aichi in “fabricated metal products”, “apparel and other finished products” and “textile mill products”, Hyogo in “food”, “leather tanning, leather products and fur skins” and “fabricated metal products”, Gifu in “apparel and other finished products” and “ceramic, stone and clay products”, Shizuoka in “food”, “transportation equipment” and “fabricated metal products”, Tokyo in “printing and allied industries”, “fabricated metal products” and “apparel and other finished products” and Saitama in “apparel and other finished products” and “fabricated metal products”. The ratio of individual establishments in “food”, “apparel and other finished products” and “fabricated metal products” was relatively high in most prefectures.

In the year-on-year comparison ratio, the number declined in all prefectures including Tokyo (down 22.9% compared to the previous year), Ishikawa (down 22.2% id.), Kagawa (down 20.5% id.), Ehime (down 19.1% id.) and Shiga (down 18.6% id.).

Figure 22 Number of establishments in individual enterprises by prefecture



Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

- (iv) Comparing the number of establishments of each prefectures by legal status (Table 10), the prefectures with high ratio in corporation are Kanagawa, Tokyo, Saitama, Hiroshima, Hokkaido, Chiba and Tochigi. Those with high ratio in associations and others are Kyoto, Tottori, Kagoshima, Kochi, Shimane and Miyazaki. Those with high ratio in individual establishments are Okinawa, Nara, Nagasaki, Wakayama, Hyogo and Gifu.

Table10 Number of establishments by prefecture and legal status

	Total number of establishments				Y/Y (%)				Composition ratio by prefecture (%)				Composition ratio by legal status (%)			
	Total	Corporations	Association and others	Individual enterprises	Total	Corporations	Association and others	Individual enterprises	Total	Corporations	Association and others	Individual enterprises	Total	Corporations	Association and others	Individual enterprises
Total	290,848	243,554	2,746	44,548	-7.3	-6.0	-4.8	-14.3	100.0	100.0	100.0	100.0	100.0	83.7	0.9	15.3
1 Hokkaido	7,798	6,958	204	636	-5.7	-5.5	-1.4	-9.4	2.7	2.9	7.4	1.4	100.0	89.2	2.6	8.2
2 Aomori	2,051	1,606	53	392	-7.3	-6.0	-7.0	-12.3	0.7	0.7	1.9	0.9	100.0	78.3	2.6	19.1
3 Iwate	2,855	2,273	77	505	-6.5	-5.3	-13.5	-10.6	1.0	0.9	2.8	1.1	100.0	79.6	2.7	17.7
4 Miyagi	3,904	3,336	53	515	-5.9	-5.6	-5.4	-7.9	1.3	1.4	1.9	1.2	100.0	85.5	1.4	13.2
5 Akita	2,688	2,142	44	502	-7.1	-5.7	-17.0	-11.8	0.9	0.9	1.6	1.1	100.0	79.7	1.6	18.7
6 Yamagata	3,585	3,004	56	525	-6.4	-5.1	-5.1	-13.4	1.2	1.2	2.0	1.2	100.0	83.8	1.6	14.6
7 Fukushima	5,433	4,701	46	686	-7.1	-5.8	-6.1	-15.1	1.9	1.9	1.7	1.5	100.0	86.5	0.8	12.6
8 Ibaraki	7,125	5,888	37	1,200	-7.1	-5.6	-5.1	-14.2	2.4	2.4	1.3	2.7	100.0	82.6	0.5	16.8
9 Tochigi	6,030	5,348	29	653	-7.8	-6.4	-3.3	-18.0	2.1	2.2	1.1	1.5	100.0	88.7	0.5	10.8
10 Gunma	7,016	6,121	36	859	-6.6	-5.1	2.9	-15.9	2.4	2.5	1.3	1.9	100.0	87.2	0.5	12.2
11 Saitama	16,244	14,790	19	1,435	-7.0	-6.0	-13.6	-16.1	5.6	6.1	0.7	3.2	100.0	91.0	0.1	8.8
12 Chiba	7,067	6,288	27	752	-7.1	-6.3	-20.6	-12.9	2.4	2.6	1.0	1.7	100.0	89.0	0.4	10.6
13 Tokyo	23,051	21,422	37	1,592	-10.4	-9.3	-15.9	-22.9	7.9	8.8	1.3	3.6	100.0	92.9	0.2	6.9
14 Kanagawa	11,656	11,163	30	463	-7.3	-7.0	-16.7	-14.3	4.0	4.6	1.1	1.0	100.0	95.8	0.3	4.0
15 Niigata	7,565	6,384	70	1,111	-8.3	-6.5	-1.4	-17.8	2.6	2.6	2.5	2.5	100.0	84.4	0.9	14.7
16 Toyama	3,686	3,024	29	633	-6.1	-4.3	-9.4	-13.5	1.3	1.2	1.1	1.4	100.0	82.0	0.8	17.2
17 Ishikawa	4,237	3,302	35	900	-10.6	-6.9	0.0	-22.2	1.5	1.4	1.3	2.0	100.0	77.9	0.8	21.2
18 Fukui	3,390	2,705	53	632	-9.6	-7.3	-8.6	-18.1	1.2	1.1	1.9	1.4	100.0	79.8	1.6	18.6
19 Yamanashi	2,642	2,108	16	518	-7.1	-4.7	14.3	-16.3	0.9	0.9	0.6	1.2	100.0	79.8	0.6	19.6
20 Nagano	7,003	6,159	82	762	-6.9	-5.8	-3.5	-15.4	2.4	2.5	3.0	1.7	100.0	87.9	1.2	10.9
21 Gifu	9,126	6,753	96	2,277	-5.9	-4.4	-5.0	-10.2	3.1	2.8	3.5	5.1	100.0	74.0	1.1	25.0
22 Shizuoka	13,730	11,435	159	2,136	-6.0	-4.8	-3.6	-12.0	4.7	4.7	5.8	4.8	100.0	83.3	1.2	15.6
23 Aichi	24,216	20,605	78	3,533	-6.6	-5.3	-2.5	-13.7	8.3	8.5	2.8	7.9	100.0	85.1	0.3	14.6
24 Mie	5,279	4,153	61	1,065	-6.3	-4.3	0.0	-13.6	1.8	1.7	2.2	2.4	100.0	78.7	1.2	20.2
25 Shiga	3,457	2,830	28	599	-7.7	-5.0	-3.4	-18.6	1.2	1.2	1.0	1.3	100.0	81.9	0.8	17.3
26 Kyoto	6,456	5,025	249	1,182	-7.9	-5.9	-0.8	-16.8	2.2	2.1	9.1	2.7	100.0	77.8	3.9	18.3
27 Osaka	26,902	21,373	27	5,502	-8.7	-7.0	-6.9	-14.8	9.2	8.8	1.0	12.4	100.0	79.4	0.1	20.5
28 Hyogo	12,195	9,009	66	3,120	-6.4	-4.3	-4.3	-12.0	4.2	3.7	2.4	7.0	100.0	73.9	0.5	25.6
29 Nara	2,945	1,842	11	1,092	-9.0	-3.9	-8.3	-16.4	1.0	0.8	0.4	2.5	100.0	62.5	0.4	37.1
30 Wakayama	2,659	1,785	45	829	-6.3	-3.6	-2.2	-11.8	0.9	0.7	1.6	1.9	100.0	67.1	1.7	31.2
31 Tottori	1,252	1,037	47	168	-6.4	-5.6	0.0	-12.5	0.4	0.4	1.7	0.4	100.0	82.8	3.8	13.4
32 Shimane	1,793	1,420	59	314	-6.4	-5.4	-1.7	-11.3	0.6	0.6	2.1	0.7	100.0	79.2	3.3	17.5
33 Okayama	4,706	4,122	33	551	-7.1	-5.8	-5.7	-16.0	1.6	1.7	1.2	1.2	100.0	87.6	0.7	11.7
34 Hiroshima	6,610	5,953	44	613	-6.1	-5.3	0.0	-13.5	2.3	2.4	1.6	1.4	100.0	90.1	0.7	9.3
35 Yamaguchi	2,496	2,094	50	352	-5.8	-4.3	-2.0	-14.4	0.9	0.9	1.8	0.8	100.0	83.9	2.0	14.1
36 Tokushima	1,940	1,554	47	339	-8.7	-7.1	-24.2	-13.1	0.7	0.6	1.7	0.8	100.0	80.1	2.4	17.5
37 Kagawa	2,706	2,362	29	315	-8.4	-6.5	-3.3	-20.5	0.9	1.0	1.1	0.7	100.0	87.3	1.1	11.6
38 Ehime	3,255	2,659	55	541	-9.0	-6.7	-5.2	-19.1	1.1	1.1	2.0	1.2	100.0	81.7	1.7	16.6
39 Kochi	1,434	1,080	50	304	-8.0	-6.7	-9.1	-12.4	0.5	0.4	1.8	0.7	100.0	75.3	3.5	21.2
40 Fukuoka	7,511	6,089	73	1,349	-6.4	-5.2	-1.4	-11.6	2.6	2.5	2.7	3.0	100.0	81.1	1.0	18.0
41 Saga	1,819	1,419	37	363	-7.0	-4.6	-5.1	-15.4	0.6	0.6	1.3	0.8	100.0	78.0	2.0	20.0
42 Nagasaki	2,564	1,676	48	840	-4.1	-4.9	-5.9	-2.4	0.9	0.7	1.7	1.9	100.0	65.4	1.9	32.8
43 Kumamoto	2,706	2,267	68	371	-6.4	-4.7	-1.4	-15.9	0.9	0.9	2.5	0.8	100.0	83.8	2.5	13.7
44 Oita	2,038	1,713	58	267	-5.6	-4.7	-1.7	-11.6	0.7	0.7	2.1	0.6	100.0	84.1	2.8	13.1
45 Miyazaki	1,891	1,524	62	305	-4.3	-2.0	-6.1	-14.1	0.7	0.6	2.3	0.7	100.0	80.6	3.3	16.1
46 Kagoshima	2,761	2,269	103	389	-7.3	-6.2	-1.9	-14.5	0.9	0.9	3.8	0.9	100.0	82.2	3.7	14.1
47 Okinawa	1,375	784	30	561	-3.6	-0.9	0.0	-7.3	0.5	0.3	1.1	1.3	100.0	57.0	2.2	40.8

Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

(2) Value of shipment

Looking at the value of shipment (Table 11),

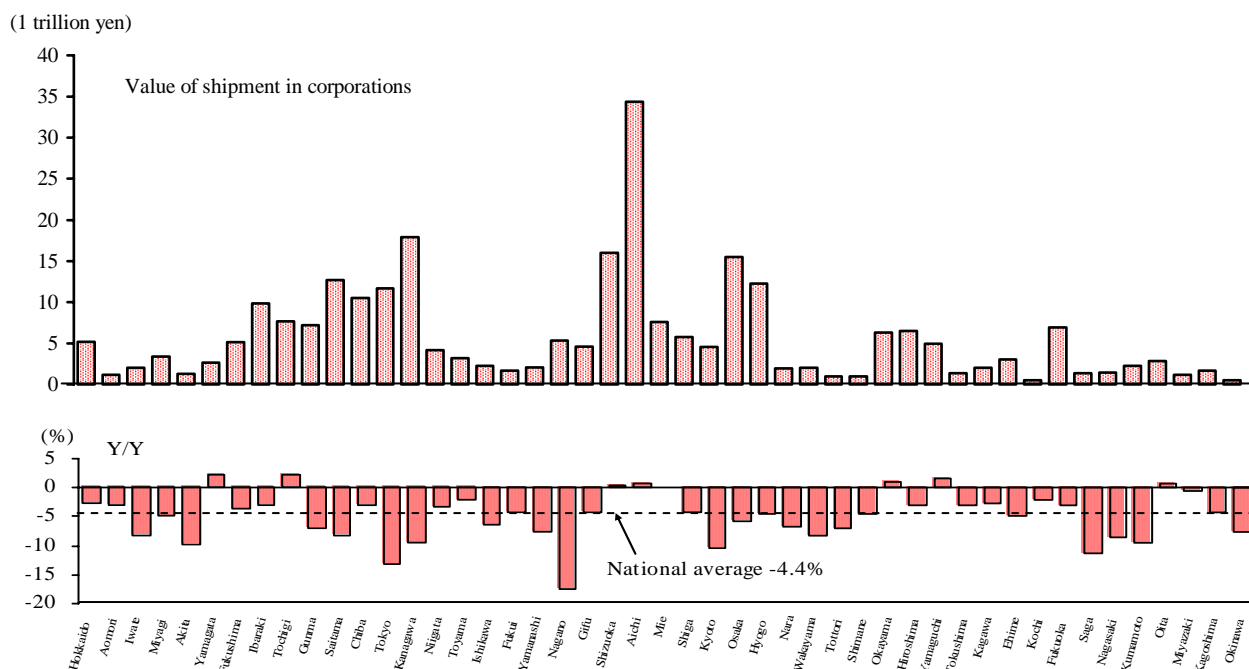
- (i) The order of prefectures with high value of shipment in corporations (Figure 23) is Aichi (34.3601 trillion yen), Kanagawa (17.9189 trillion yen), Shizuoka (16.0298 trillion yen), Osaka (15.5229 trillion yen), Saitama (12.6961 trillion yen), Hyogo (12.2748 trillion yen), Tokyo (11.6736 trillion yen) and Chiba (10.4891 trillion yen).

By prefecture, Aichi has high ratio in “transportation equipment”, Kanagawa in “transportation equipment”, “general machinery” and “chemical and allied products”, Osaka in “chemical and allied products” and “general machinery”, Shizuoka in “transportation equipment”, “electrical machinery, equipment and supplies” and “chemical and allied products”, Saitama in “transportation equipment”, “chemical and allied products” and “food” and Hyogo in “general machinery”, “electrical machinery, equipment and supplies” and “food”.

In the ratio of value of shipment by legal status, corporations in all prefectures exceeds 90% (Table 11).

Observing the year-on-year comparison ratio, while there is an increase in 8 prefectures including Tochigi (up 2.3% compared to the previous year), Yamagata (up 2.1% id.), Yamaguchi (up 1.7% id.) and Okayama (up 1.0% id.), there is a decline in other prefectures.

Figure 23 Value of shipment in corporations by prefecture



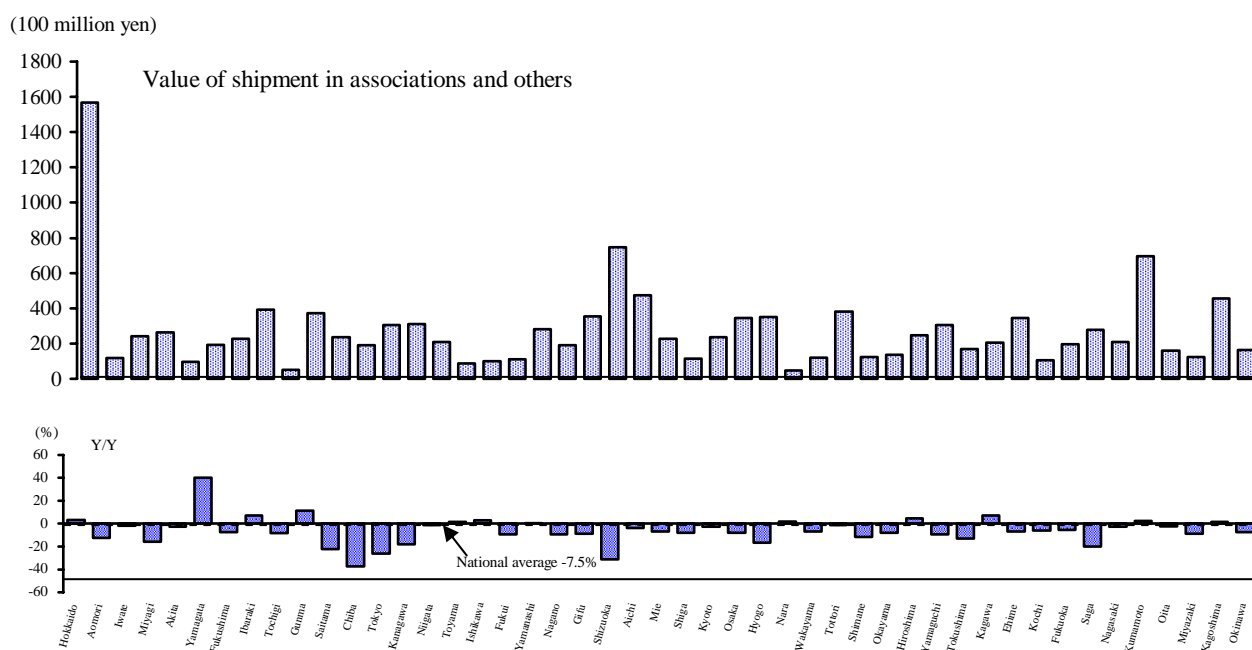
Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

- (ii) The order of prefectures with high value of shipment in associations and others (Figure 24) is Hokkaido (156.8 billion yen), Shizuoka (74.8 billion yen), Kumamoto (69.5 billion yen), Aichi (47.6 billion yen), Kagoshima (45.7 billion yen), Ibaraki (39.5 billion yen) and Tottori (38.2 billion yen).

By prefecture, Hokkaido has over 70% ratio in “food”, likewise Shizuoka in “beverages, tobacco and feed” and “food”. Kumamoto has high ratio in “chemical and allied products”, “food” and “beverages, tobacco and feed”, Aichi in “food” and “chemical and allied products”, Kagoshima in “food” and “beverages, tobacco and feed”. Incidentally, almost all industries have high ratio in “food” in associations and others.

In the year-on-year ratio, the value of shipment rose in 12 prefectures including Yamagata (up 40.0% compared to the previous year), Gunma (up 11.2% id.) and Kagawa (up 7.0% id.). It declined in 35 prefectures including Chiba (down 37.4% id.), Shizuoka (down 31.2% id.), Tokyo (down 26.0% id.), Saga (down 19.8% id.) and Kanagawa (down 18.0% id.).

Figure 24 Value of shipment in associations and others by prefecture



Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

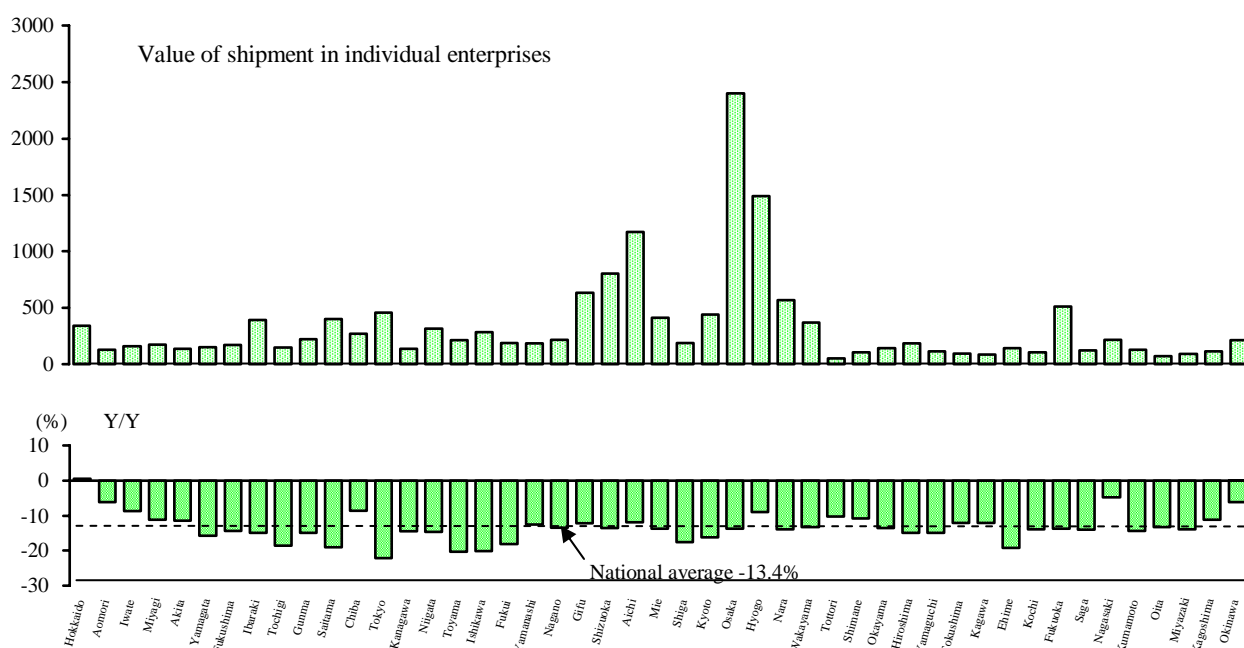
- (iii) In the value of shipment in individual enterprises (Figure 25), the order of prefectures with high value is Osaka (240 billion yen), Hyogo (148.9 billion yen), Aichi (117.2 billion yen), Shizuoka (80.4 billion yen), Gifu (63.5 billion yen), Nara (56.5 billion yen), Fukuoka (51.1 billion yen), Tokyo (45.7 billion yen) and Kyoto (43.9 billion yen).

By prefecture, Osaka has high value of shipment in “fabricated metal products”, “plastic products” and “general machinery”, Hyogo in “leather tanning, leather products and fur skins”, “food” and “rubber products”, Aichi in “fabricated metal products” and “food”, Shizuoka in “food”, “fabricated metal products” and “beverages, tobacco and feed”, Nara in “lumber and wood products” and “apparel and other finished products”, Gifu in “ceramic, stone and clay products”, “apparel and other finished products” and local industry (specialty products).

In the year-on-year comparison ratio, the value of shipment declined in 46 prefectures including Tokyo (down 22.1% compared to the previous year), Toyama (down 20.2% id.), Ishikawa (down 20.1% id.), Ehime (down 19.2% id.), Saitama (down 19.0% id.) and Tochigi (down 18.6% id.) while there is a slight increase in Hokkaido (up 0.6% id.).

Figure 25 Value of shipment in individual enterprises by prefecture

(100 million yen)



Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Table 11 Value of shipment by prefecture and legal status

	Value of shipment (1 million yen)				Y/Y (%)			
	Total	Corporations	Association and others	Individual enterprises	Total	Corporations	Association and others	Individual enterprises
National total	269,361,805	266,509,502	1,287,194	1,565,110	-4.4	-4.4	-7.5	-13.4
1 Hokkaido	5,347,551	5,156,778	156,755	34,018	-2.5	-2.7	3.3	0.6
2 Aomori	1,193,532	1,168,916	11,732	12,884	-3.2	-3.1	-12.6	-6.1
3 Iwate	2,058,255	2,018,197	24,131	15,926	-8.3	-8.4	-1.7	-8.7
4 Miyagi	3,436,282	3,392,452	26,317	17,514	-5.1	-5.0	-15.8	-11.2
5 Akita	1,335,222	1,311,915	9,594	13,713	-9.7	-9.7	-2.8	-11.5
6 Yamagata	2,717,818	2,683,467	19,467	14,884	2.2	2.1	40.0	-15.7
7 Fukushima	5,155,135	5,115,333	22,675	17,127	-3.7	-3.6	-7.6	-14.4
8 Ibaraki	9,960,715	9,882,195	39,456	39,063	-2.9	-2.9	6.8	-15.0
9 Tochigi	7,659,208	7,639,276	5,113	14,819	2.3	2.3	-8.5	-18.6
10 Gunma	7,229,167	7,169,839	37,103	22,224	-6.9	-6.9	11.2	-15.0
11 Saitama	12,759,874	12,696,081	23,652	40,141	-8.4	-8.3	-22.3	-19.0
12 Chiba	10,534,916	10,489,139	18,928	26,849	-3.1	-3.0	-37.4	-8.6
13 Tokyo	11,749,815	11,673,571	30,506	45,739	-13.2	-13.1	-26.0	-22.1
14 Kanagawa	17,963,706	17,918,949	31,066	13,690	-9.5	-9.5	-18.0	-14.5
15 Niigata	4,206,238	4,153,816	20,878	31,545	-3.4	-3.3	-1.4	-14.6
16 Toyama	3,225,710	3,195,747	8,623	21,340	-2.2	-2.1	1.3	-20.2
17 Ishikawa	2,333,518	2,295,199	9,995	28,324	-6.7	-6.5	2.9	-20.1
18 Fukui	1,687,094	1,656,764	11,297	19,033	-4.4	-4.2	-9.2	-18.2
19 Yamanashi	2,115,477	2,068,982	28,068	18,427	-7.6	-7.7	0.5	-12.5
20 Nagano	5,331,857	5,291,217	18,938	21,702	-17.5	-17.5	-9.5	-13.4
21 Gifu	4,717,030	4,618,212	35,283	63,536	-4.5	-4.3	-8.9	-12.2
22 Shizuoka	16,185,060	16,029,833	74,780	80,447	0.2	0.5	-31.2	-13.6
23 Aichi	34,524,877	34,360,131	47,592	117,154	0.6	0.7	-3.9	-11.9
24 Mie	7,664,237	7,600,485	22,777	40,975	0.1	0.2	-6.9	-13.7
25 Shiga	5,793,622	5,763,301	11,615	18,706	-4.4	-4.3	-7.8	-17.5
26 Kyoto	4,620,245	4,552,764	23,557	43,923	-10.5	-10.4	-2.7	-16.1
27 Osaka	15,797,409	15,522,925	34,437	240,046	-5.9	-5.8	-7.8	-13.8
28 Hyogo	12,458,804	12,274,815	35,128	148,861	-4.7	-4.7	-16.9	-9.0
29 Nara	1,992,530	1,931,036	4,991	56,503	-7.0	-6.8	2.0	-13.9
30 Wakayama	2,053,518	2,004,608	12,251	36,660	-8.3	-8.3	-6.8	-13.3
31 Tottori	1,025,815	982,635	38,180	4,999	-6.9	-7.1	-1.5	-10.2
32 Shimane	1,003,399	980,510	12,380	10,509	-4.7	-4.6	-11.6	-10.8
33 Okayama	6,289,547	6,261,662	13,576	14,309	0.9	1.0	-8.1	-13.5
34 Hiroshima	6,556,297	6,512,873	24,855	18,569	-3.0	-3.0	4.5	-14.9
35 Yamaguchi	4,951,331	4,909,365	30,702	11,265	1.6	1.7	-9.5	-15.0
36 Tokushima	1,392,832	1,366,406	16,833	9,594	-3.1	-2.9	-13.0	-12.1
37 Kagawa	2,053,636	2,024,455	20,505	8,676	-2.7	-2.7	7.0	-12.0
38 Ehime	3,100,789	3,051,878	34,601	14,310	-5.1	-5.0	-7.1	-19.2
39 Kochi	543,759	522,844	10,535	10,380	-2.4	-2.0	-6.1	-13.9
40 Fukuoka	6,982,022	6,911,129	19,755	51,138	-3.1	-3.0	-5.5	-13.8
41 Saga	1,397,118	1,356,961	27,816	12,342	-11.5	-11.3	-19.8	-14.1
42 Nagasaki	1,493,485	1,450,755	20,864	21,867	-8.4	-8.5	-2.9	-4.8
43 Kumamoto	2,367,414	2,285,041	69,468	12,905	-9.2	-9.5	2.4	-14.3
44 Oita	2,854,180	2,831,078	15,898	7,204	0.7	0.8	-2.2	-13.3
45 Miyazaki	1,210,798	1,189,180	12,543	9,074	-0.7	-0.5	-8.9	-13.9
46 Kagoshima	1,759,236	1,702,408	45,717	11,110	-4.1	-4.2	1.2	-11.2
47 Okinawa	571,728	534,376	16,264	21,088	-7.7	-7.8	-7.5	-6.1

Note: Because of the revision of the Japan Standard Industrial Classification in the 2002 survey, the year-on-year comparison is calculated by incorporating the classification of 2001 into that of 2002.

Table 11 Value of shipment by prefecture and legal status (Continued)

	Composition ratio by prefecture (%)				Composition ratio by legal status (%)			
	Total	Corporations	Association and others	Individual enterprises	Total	Corporations	Association and others	Individual enterprises
National total	100.0	100.0	100.0	100.0	100.0	98.9	0.5	0.6
1 Hokkaido	2.0	1.9	12.2	2.2	100.0	96.4	2.9	0.6
2 Aomori	0.4	0.4	0.9	0.8	100.0	97.9	1.0	1.1
3 Iwate	0.8	0.8	1.9	1.0	100.0	98.1	1.2	0.8
4 Miyagi	1.3	1.3	2.0	1.1	100.0	98.7	0.8	0.5
5 Akita	0.5	0.5	0.7	0.9	100.0	98.3	0.7	1.0
6 Yamagata	1.0	1.0	1.5	1.0	100.0	98.7	0.7	0.5
7 Fukushima	1.9	1.9	1.8	1.1	100.0	99.2	0.4	0.3
8 Ibaraki	3.7	3.7	3.1	2.5	100.0	99.2	0.4	0.4
9 Tochigi	2.8	2.9	0.4	0.9	100.0	99.7	0.1	0.2
10 Gunma	2.7	2.7	2.9	1.4	100.0	99.2	0.5	0.3
11 Saitama	4.7	4.8	1.8	2.6	100.0	99.5	0.2	0.3
12 Chiba	3.9	3.9	1.5	1.7	100.0	99.6	0.2	0.3
13 Tokyo	4.4	4.4	2.4	2.9	100.0	99.4	0.3	0.4
14 Kanagawa	6.7	6.7	2.4	0.9	100.0	99.8	0.2	0.1
15 Niigata	1.6	1.6	1.6	2.0	100.0	98.8	0.5	0.7
16 Toyama	1.2	1.2	0.7	1.4	100.0	99.1	0.3	0.7
17 Ishikawa	0.9	0.9	0.8	1.8	100.0	98.4	0.4	1.2
18 Fukui	0.6	0.6	0.9	1.2	100.0	98.2	0.7	1.1
19 Yamanashi	0.8	0.8	2.2	1.2	100.0	97.8	1.3	0.9
20 Nagano	2.0	2.0	1.5	1.4	100.0	99.2	0.4	0.4
21 Gifu	1.8	1.7	2.7	4.1	100.0	97.9	0.7	1.3
22 Shizuoka	6.0	6.0	5.8	5.1	100.0	99.0	0.5	0.5
23 Aichi	12.8	12.9	3.7	7.5	100.0	99.5	0.1	0.3
24 Mie	2.8	2.9	1.8	2.6	100.0	99.2	0.3	0.5
25 Shiga	2.2	2.2	0.9	1.2	100.0	99.5	0.2	0.3
26 Kyoto	1.7	1.7	1.8	2.8	100.0	98.5	0.5	1.0
27 Osaka	5.9	5.8	2.7	15.3	100.0	98.3	0.2	1.5
28 Hyogo	4.6	4.6	2.7	9.5	100.0	98.5	0.3	1.2
29 Nara	0.7	0.7	0.4	3.6	100.0	96.9	0.3	2.8
30 Wakayama	0.8	0.8	1.0	2.3	100.0	97.6	0.6	1.8
31 Tottori	0.4	0.4	3.0	0.3	100.0	95.8	3.7	0.5
32 Shimane	0.4	0.4	1.0	0.7	100.0	97.7	1.2	1.0
33 Okayama	2.3	2.3	1.1	0.9	100.0	99.6	0.2	0.2
34 Hiroshima	2.4	2.4	1.9	1.2	100.0	99.3	0.4	0.3
35 Yamaguchi	1.8	1.8	2.4	0.7	100.0	99.2	0.6	0.2
36 Tokushima	0.5	0.5	1.3	0.6	100.0	98.1	1.2	0.7
37 Kagawa	0.8	0.8	1.6	0.6	100.0	98.6	1.0	0.4
38 Ehime	1.2	1.1	2.7	0.9	100.0	98.4	1.1	0.5
39 Kochi	0.2	0.2	0.8	0.7	100.0	96.2	1.9	1.9
40 Fukuoka	2.6	2.6	1.5	3.3	100.0	99.0	0.3	0.7
41 Saga	0.5	0.5	2.2	0.8	100.0	97.1	2.0	0.9
42 Nagasaki	0.6	0.5	1.6	1.4	100.0	97.1	1.4	1.5
43 Kumamoto	0.9	0.9	5.4	0.8	100.0	96.5	2.9	0.5
44 Oita	1.1	1.1	1.2	0.5	100.0	99.2	0.6	0.3
45 Miyazaki	0.4	0.4	1.0	0.6	100.0	98.2	1.0	0.7
46 Kagoshima	0.7	0.6	3.6	0.7	100.0	96.8	2.6	0.6
47 Okinawa	0.2	0.2	1.3	1.3	100.0	93.5	2.8	3.7

Situation of enterprise share by industrial commodity

In this section, the shares of the commodities surveyed in the 2002 Census of Manufacture by large enterprise and medium and small sized enterprise and the degree of concentration of top enterprises are verified by sorting the establishment-based data given in the Census of Manufacture with the use of a computer-assisted name identification system. The analysis was conducted through manufacturing 1,817 commodities excluding piecework, refrigerating and storage fee and selling electric power.

For your reference, the data described here refer to value-of-shipment-based data in enterprises with establishments (factories) engaged in manufacturing industry in Japan. Therefore, the data differs from shares including so-called “market share”. Because:

- (i) there are differences in units (amount, number and weight base etc.), survey years and definition and range of commodities;
- (ii) the data in this section are value-of-shipment-based data of domestic factories (including export and excluding import) while shares including “market share” generally refer to “domestic share” (excluding export and including import);
- (iii) the data of subsidiaries, affiliating factories and OEM and EMS^(*) manufacturers are regarded as those of independent enterprises while share including “market share” generally include data of product brand or manufacturer.

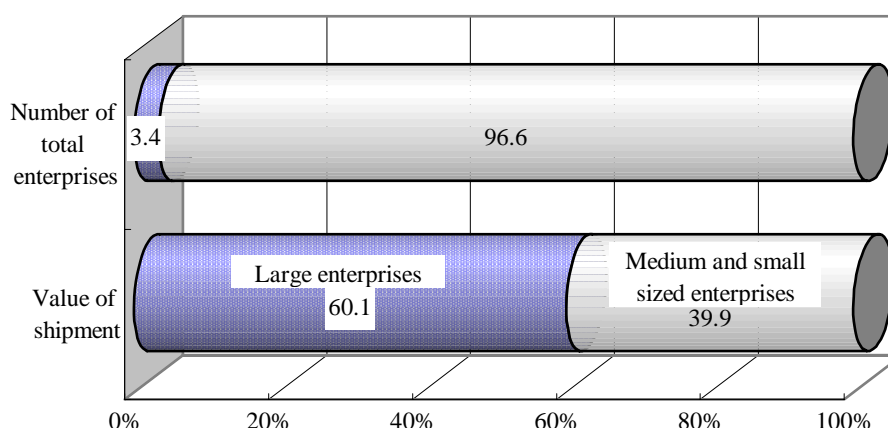
* OEM stands for Original Equipment Manufacturer and means product supply by partner brand.

EMS stands for Electronics Manufacturing Services and means entrusted production of items including printed board.

1. Composition ratio by large enterprise and medium and small sized enterprise

Observing the commodities by size of enterprises ^(Note 1), medium and small sized enterprises account for 96.6%, showing significantly a high ratio while large enterprises account for 3.4% in the total enterprises ^(Note 2). In the value-of-shipment-base, however, the ratio is conversely high in large enterprises because of the ratio 60 to 40.

**Composition ratio of the total enterprises and value of shipment
by commodity and size of enterprises**
(2002, based on enterprise commodities)



Note: In this section, manufacturing commodities are calculated by enterprise unit. Therefore, the data differ from the value of large enterprises and medium and small sized enterprises referred in the previous section. The same will be applied to the data to be mentioned hereinafter.

Note 1: The definition of a large enterprise and a medium and small sized enterprise is as follows:

Large enterprise:

Enterprise with capital more than 300 million yen and number of employees more than 300 persons in “Corporation”, enterprise with more than 300 persons in “Associations and others” and “Individual enterprises”

Medium and small sized enterprise:

Enterprise with capital 300 million yen or less and number of employees 300 persons or less in “Corporation”, enterprise with 300 persons or less in “Associations and others” and “Individual enterprises”

Note 2: There is an expression of “number of total enterprises” because enterprises with shipment of more than 1 commodities are counted as one in each commodity category because the data by commodity and enterprise are used in this section.

Looking at the number of total enterprises by initial two digits of commodities, there is a high ratio of large enterprises in commodities including “information and communication electronics equipment”, “chemical and allied products”, “petroleum and coal products” and “electronic parts and devices”. On the other hand, there is a high ratio of medium and small sized enterprises in commodities including “apparel and other finished products made from fabrics and similar products”, “leather tanning, leather products and fur skins”, “lumber and wood products, except furniture”, “printing and allied industries” and “furniture and fixtures”.

Total enterprises by initial two digits of commodities
(2002, based on enterprise commodities)

Initial two digits of commodities	Total enterprises						
	(Enter- prises)	Large enterprises			Medium and small sized enterprises		
		(Enter- prises)	Composition ratio by size of enterprises (%)	Composition ratio by industry (%)	(Enter- prises)	Composition ratio by size of enterprises (%)	Composition ratio by industry (%)
00 Total	336,277	11,524	3.4	100.0	324,753	96.6	100.0
09 Food	50,130	937	1.9	8.1	49,193	98.1	15.1
10 Beverages, tobacco and feed	7,547	238	3.2	2.1	7,309	96.8	2.3
11 Textile mill products	5,707	170	3.0	1.5	5,537	97.0	1.7
12 Apparel and other finished products	10,112	24	0.2	0.2	10,088	99.8	3.1
13 Lumber and wood products	23,622	61	0.3	0.5	23,561	99.7	7.3
14 Furniture and fixtures	15,381	88	0.6	0.8	15,293	99.4	4.7
15 Pulp, paper and paper products	9,584	323	3.4	2.8	9,261	96.6	2.9
16 Printing and allied industries	17,559	88	0.5	0.8	17,471	99.5	5.4
17 Chemical and allied products	9,084	1,570	17.3	13.6	7,514	82.7	2.3
18 Petroleum and coal products	902	145	16.1	1.3	757	83.9	0.2
19 Plastic products	17,962	518	2.9	4.5	17,444	97.1	5.4
20 Rubber products	4,097	179	4.4	1.6	3,918	95.6	1.2
21 Leather tanning, leather products and fur skins	2,370	5	0.2	0.0	2,365	99.8	0.7
22 Ceramic, stone and clay products	16,637	372	2.2	3.2	16,265	97.8	5.0
23 Iron and steel	7,027	494	7.0	4.3	6,533	93.0	2.0
24 Non-ferrous metals and products	4,987	368	7.4	3.2	4,619	92.6	1.4
25 Fabricated metal products	34,867	514	1.5	4.5	34,353	98.5	10.6
26 General machinery	45,242	1,777	3.9	15.4	43,465	96.1	13.4
27 Electrical machinery, equipment and supplies	15,978	1,082	6.8	9.4	14,896	93.2	4.6
28 Information and communication electronics equipment	3,049	583	19.1	5.1	2,466	80.9	0.8
29 Electronic parts and devices	4,512	641	14.2	5.6	3,871	85.8	1.2
30 Transportation equipment	10,650	898	8.4	7.8	9,752	91.6	3.0
31 Precision instruments and machinery	6,055	265	4.4	2.3	5,790	95.6	1.8
32 Miscellaneous manufacturing industries	13,216	184	1.4	1.6	13,032	98.6	4.0

Note 1: The data in this section differ from those in Report by Industry and Report by Commodity because of calculation based on initial two digits of commodities and enterprises.

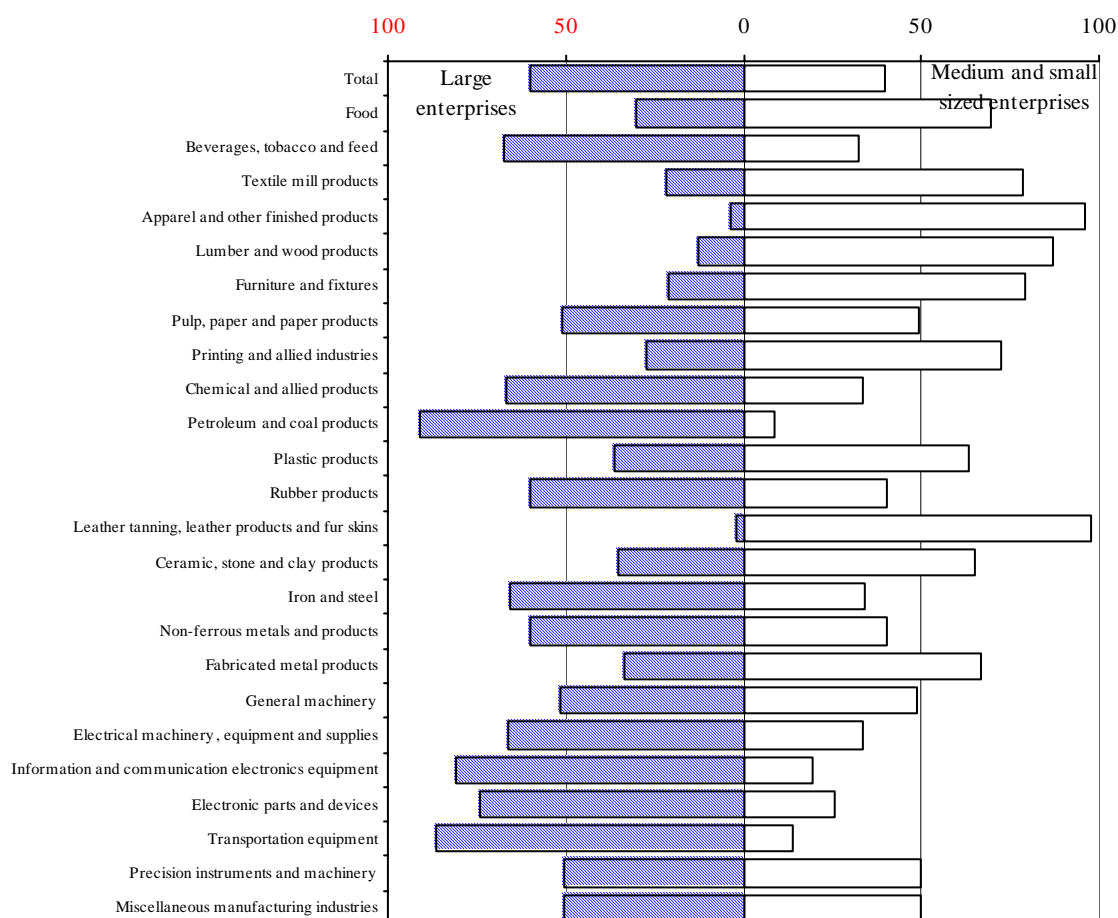
Note 2: The commodity names in the above table are names of initial two digits of commodities of manufacturing commodities. Therefore, they differ from industrial classification in reports including Report by Industry.

Looking at value of shipment, large enterprises show a high ratio in “petroleum and coal products”, “transportation equipment”, “information and communication electronics equipment”, “electronic parts and devices”, “beverages, tobacco and feed”, “chemical and allied products” and “electrical machinery, equipment and supplies”. Medium and small sized enterprises show a high ratio in commodities including “leather tanning, leather products and fur skins”, “apparel and other finished products made from fabrics and similar materials”, “lumber and wood products except furniture”, “furniture and fixtures”, “textile mill products, except apparel and other finished products made from fabrics and similar materials”, “printing and allied industries” and “food”.

Looking at groups of commodities that large enterprises have a high ratio, in “petroleum and coal products”, large enterprises account for well over 90% in commodities including gasoline, naphtha, kerosene, light oil and heavy fuel oil A. In “transportation equipment”, the share is 100% in commodities including passenger cars (light, small and ordinary cars), buses and trucks and motorcycles. In “information and communication electronics equipment”, the share exceeds 90% in commodities including computer (general-purpose computer, business computer and personal computer), devices of optical disk, magnetic disk and flexible disk and liquid crystal televisions.

Looking at groups of commodities that medium and small sized enterprises have a high ratio, such enterprises account for 100% in “leather tanning, leather products and fur skins” and “apparel and other finished products made from fabrics and similar materials”.

Composition ratio of value of shipment by group of initial two digits of commodities
(2002, based on enterprise commodities) (%)



Value of shipment by group of initial two digits of commodities
(2002, based on enterprise commodities)

Initial two digits of commodities	Value of shipment						
	(1 million yen)	Large enterprises			Medium and small sized enterprises		
		(1 million yen)	Composition ratio by size of enterprises (%)	Composition ratio by industry (%)	(1 million yen)	Composition ratio by size of enterprises (%)	Composition ratio by industry (%)
00 Total	257,598,451	154,696,554	60.1	100.0	102,901,897	39.9	100.0
09 Food	22,446,827	6,818,079	30.4	4.4	15,628,749	69.6	15.2
10 Beverages, tobacco and feed	10,644,526	7,190,347	67.5	4.6	3,454,179	32.5	3.4
11 Textile mill products	1,708,532	367,384	21.5	0.2	1,341,148	78.5	1.3
12 Apparel and other finished products	1,925,164	72,566	3.8	0.0	1,852,598	96.2	1.8
13 Lumber and wood products	2,516,430	323,670	12.9	0.2	2,192,760	87.1	2.1
14 Furniture and fixtures	2,242,451	467,916	20.9	0.3	1,774,535	79.1	1.7
15 Pulp, paper and paper products	6,929,748	3,522,963	50.8	2.3	3,406,785	49.2	3.3
16 Printing and allied industries	6,478,880	1,778,169	27.4	1.1	4,700,711	72.6	4.6
17 Chemical and allied products	22,562,492	15,023,663	66.6	9.7	7,538,830	33.4	7.3
18 Petroleum and coal products	9,389,118	8,559,066	91.2	5.5	830,053	8.8	0.8
19 Plastic products	9,386,165	3,427,010	36.5	2.2	5,959,156	63.5	5.8
20 Rubber products	2,795,200	1,674,815	59.9	1.1	1,120,386	40.1	1.1
21 Leather tanning, leather products and fur skins	522,462	10,603	2.0	0.0	511,859	98.0	0.5
22 Ceramic, stone and clay products	7,590,932	2,668,058	35.1	1.7	4,922,874	64.9	4.8
23 Iron and steel	10,244,176	6,744,499	65.8	4.4	3,499,677	34.2	3.4
24 Non-ferrous metals and products	5,408,746	3,236,301	59.8	2.1	2,172,445	40.2	2.1
25 Fabricated metal products	11,814,767	3,932,990	33.3	2.5	7,881,778	66.7	7.7
26 General machinery	24,004,198	12,325,116	51.3	8.0	11,679,082	48.7	11.3
27 Electrical machinery, equipment and supplies	17,096,852	11,337,967	66.3	7.3	5,758,885	33.7	5.6
28 Information and communication electronics equipment	12,277,252	9,925,280	80.8	6.4	2,351,973	19.2	2.3
29 Electronic parts and devices	15,269,901	11,322,984	74.2	7.3	3,946,917	25.8	3.8
30 Transportation equipment	46,150,122	39,844,566	86.3	25.8	6,305,556	13.7	6.1
31 Precision instruments and machinery	3,462,516	1,739,781	50.2	1.1	1,722,735	49.8	1.7
32 Miscellaneous manufacturing industries	4,730,992	2,382,765	50.4	1.5	2,348,227	49.6	2.3

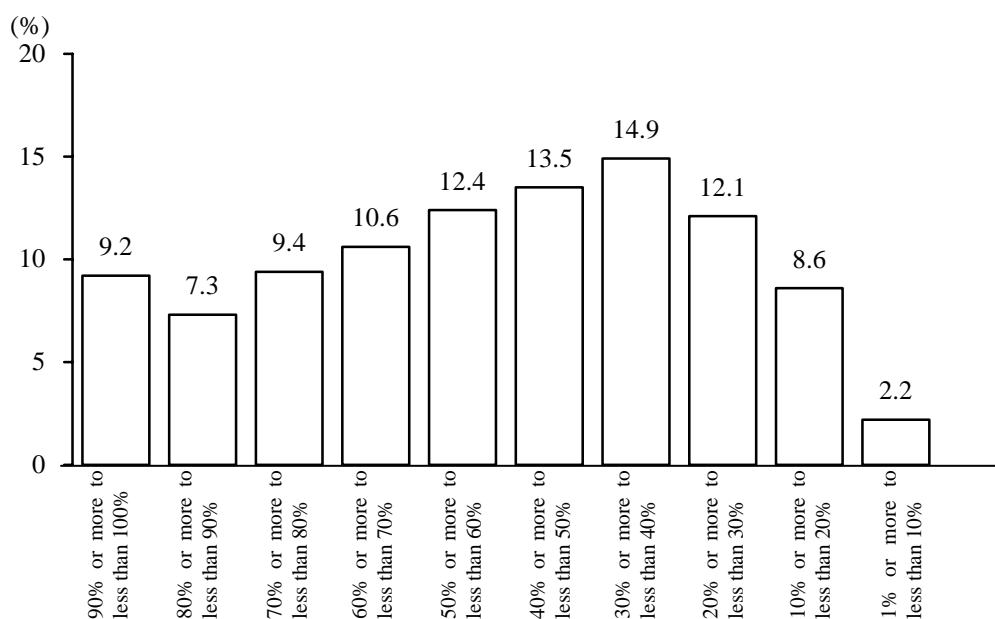
Note 1: The data in this section differ from those in Report by Industry and Report by Commodity because of calculation based on initial two digits of commodities and enterprises.

Note 2: The commodity names in the above table are names of initial two digits of commodities of manufacturing commodities. Therefore, they differ from industrial classification in reports including Report by Industry.

2. Share by top 3 enterprises

Observing the share by top 3 enterprises in each commodity, the highest share is “30% to less than 40%”, followed by “40% to less than 50%”, “50% to less than 60%”, “20% to less than 30%”. The number of commodities which are accounted for more than 50% by the top 3 enterprises is 887, which takes up nearly the half of all commodities at 48.8%.

Composition ratio by share by top 3 enterprises
(2002, based on enterprise commodities)



Share by top 3 enterprises and examples of commodities
(2002, based on enterprise commodities)

	Total		
	(Number of commodities)	Composition ratio (%)	Examples of commodities
Total	1817	100.0	
≥90% to <100%	168	9.2	Cigarettes, cigars and pip tobacco, beers, bus and truck chassis, household TV games, photographic films, KD sets (motorcycles), laundry synthetic detergents and tires for trucks and buses etc.
≥80% to <90%	132	7.3	Ordinary passenger cars, KD sets (passenger cars), bodies for trucks and passenger cars, sparkling alcoholic beverage "happo-shu", motorcycles, liquid crystal television receivers, plastic bottles for drinking water, and hot-drawn special pipes etc.
≥70% to <80%	170	9.4	Gasoline engines for motor vehicles, video cameras, air conditioners (package type), general-purpose computers, aluminum beverage cans, roller bearings, automatic telephone exchange switchboards and agricultural tractors etc.
≥60% to <70%	192	10.6	Light passenger cars, gasoline, steel strips, heavy fuel oil A, digital cameras, painted printing paper, car air-conditioners, diesel engines for motor vehicles, naphtha, medium thick sheet and wheat flour etc.
≥50% to <60%	225	12.4	Trucks, personal computers, light oil, galvanized steel sheets, kerosene, steel for special purposes, rolled aluminum products, carbonated water, aluminum sashes for housing, television receivers (except liquid crystal receivers) and loaf of bread etc.
≥40% to <50%	245	13.5	Cellular telephone sets and PHS telephone sets, monitor and control equipment, heavy fuel oil C, buns, air conditioners (window and separate types), treatment equipment for wafer process, printers, displays and ethylene etc.
≥30% to <40%	270	14.9	Liquid crystal elements, meat products, pinball machines and slot machines, bipolar type IC, medical instruments, apparatus and equipment, solvent synthetic resin paints, distilled spirit, relief printing, tea drinks and juice etc.
≥20% to <30%	219	12.1	Parts of driving, transmission and operating units, metal oxide semiconductor IC, parts of suspension and brake systems, fixed capacitors, balanced compound feeds, rigid printed boards, processed milk and iron castings for machinery etc.
≥10% to <20%	156	8.6	Medical products preparations, planograph printing, parts of chassis and bodies, plastic products for automobiles, corrugated board boxes, chop of meat and frozen meat, sushi and box lunches, precooked frozen foods and plastic products for electrical machinery and apparatus etc.
≥0% to <10%	40	2.2	Fresh concrete, iron and steel cut products, steelworks, frozen seafood products (processed and packaged), stamped and pressed machinery parts, molds for plastic and pressing, vegetables pickled or in brine, Japanese noodles, fittings, frozen seafood products (unprocessed and packaged) and soy bean curd etc.

Note: Some commodity names are abbreviated.

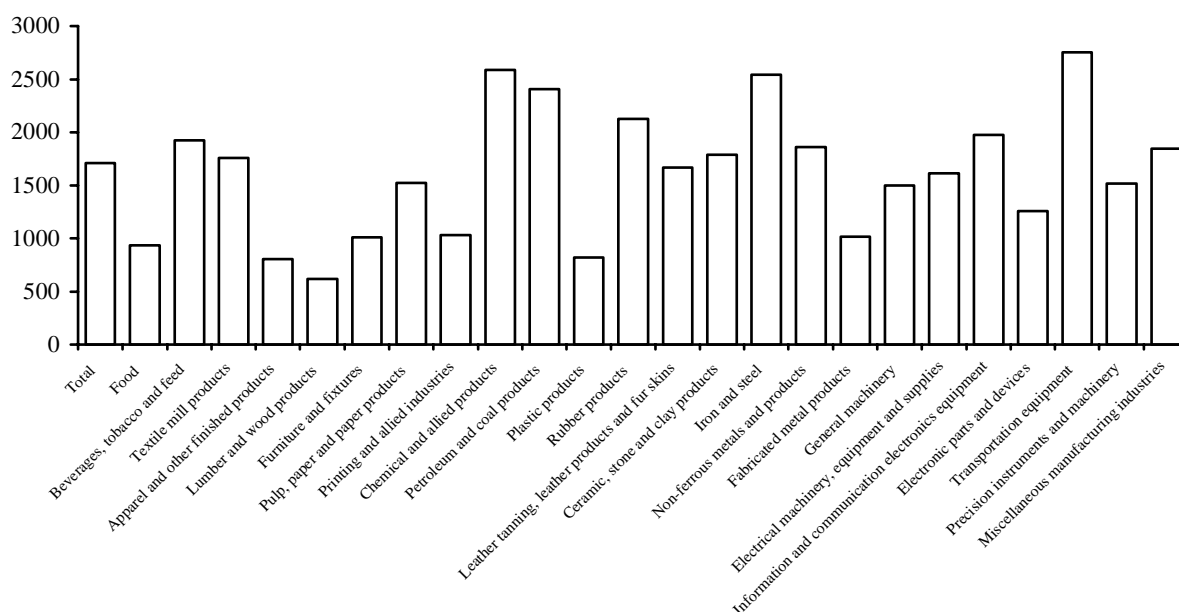
Share by top 3 enterprises by group of initial two digits of commodities
(2002, based on enterprise commodities)

	Total	Food	Beverages, tobacco and feed	Textile mill products	Apparel and other finished products	Lumber and wood products	Furniture and fixtures	Pulp, paper and paper products	Printing and allied industries	Chemical and allied products	Petroleum and coal products	Plastic products	Rubber products	Leather tanning, leather products and fur skins	Ceramic, stone and clay products	Iron and steel	Non-ferrous metals and products	Fabricated metal products	General machinery	Electrical machinery, equipment and supplies	Information and communication electronics equipment	Electronic parts and devices	Transportation equipment	Precision instruments and machinery	Miscellaneous manufacturing industries
Total	1817	95	28	114	72	37	21	59	9	214	24	43	41	34	116	65	56	104	237	114	52	41	77	62	102
≥90% to <100%	168	3	4	11	-	-	1	3	-	46	4	-	5	4	14	12	7	-	16	5	5	-	17	1	10
≥80% to <90%	132	-	1	6	-	1	-	3	-	25	3	4	7	-	8	15	6	5	14	8	6	3	10	3	4
≥70% to <80%	170	5	2	11	3	1	1	3	2	32	3	-	4	2	15	5	6	8	19	15	3	3	11	6	10
≥60% to <70%	192	6	2	13	8	1	1	11	-	22	6	3	4	2	5	10	3	9	23	16	12	3	10	11	11
≥50% to <60%	225	10	2	16	2	2	1	7	1	27	4	2	4	6	15	5	13	12	26	18	10	9	8	10	15
≥40% to <50%	245	13	3	22	11	3	-	9	-	21	2	5	5	6	16	5	8	13	37	17	11	6	7	12	13
≥30% to <40%	270	21	5	17	20	5	3	6	2	28	1	5	5	6	16	5	7	15	45	16	3	9	6	10	14
≥20% to <30%	219	10	2	11	12	9	6	14	2	9	1	8	4	2	14	6	5	24	30	15	2	7	5	8	13
≥10% to <20%	156	18	6	7	15	9	5	3	1	3	-	15	3	6	8	1	1	12	23	4	-	1	3	1	11
≥0% to <10%	40	9	1	-	1	6	3	-	1	1	-	1	-	-	5	1	-	6	4	-	-	-	-	-	1

3. Herfindahl Index

Looking at Herfindahl Index ^{Note} (hereinafter referred to as “HI”), it shows a high ratio in “ transportation equipment”, “ chemical and allied products”, “ iron and steel” and “ petroleum and coal products” as share by top 3 enterprises does.

HI by initial two digits of commodities
(2002, based on enterprise commodities)



Note: The index is calculated by totaling of squared enterprise shares (%) of each commodity. The higher the index value means more concentration of commodity on specific enterprises.

For examples, if there are shares of 50% for Company A, 30% for Company B and 20% for Company C in a commodity, the calculation will be as follows:

$$50^2 + 30^2 + 20^2 = 2500 + 900 + 400 = 3800$$

$$\text{Calculation method: Herfindahl Index (HI)} = \sum (X_i/X \times 100)^2$$

Examples of commodities by HI group
(2002, based on enterprise commodities)

HI	Total		Examples of commodities
	(Number of commodities)	Composition ratio (%)	
Total	1817	100.0	
5000 or more	100	5.5	Cigarettes, cigars and pip tobacco, household TV games, bus and truck chassis, photographic films, stereo sets, whisky and car heaters etc.
2500 to less than 5000	298	16.4	Ordinary passenger cars, beers, KD sets (passenger cars and buses and trucks), gasoline engines for passenger cars, sparkling alcoholic beverage "happo-shu", motorcycles (more than 125ml) and magnetic disks etc.
1800 to less than 2500	200	11.0	Light and small passenger cars, bodies for passenger cars, video cameras, steel strips, digital cameras, car air-conditioners, shovel excavators and medium thick sheet etc.
1000 to less than 1800	413	22.7	Gasoline, trucks, personal computers, light oil, galvanized steel sheets, Heavy fuel oil A and C, kerosene, steel for special purposes, buns and rolled aluminum products etc.
500 to less than 1000	389	21.4	Metal oxide semiconductor IC, cellular telephone sets and PHS telephone sets, liquid crystal elements, monitor and control equipment, meat products, pinball machines and slot machines and bipolar type IC etc.
Less than 500	417	22.9	Medical products preparations, planograph printing, parts of driving, transmission and operating units, parts of chassis and bodies, fresh concrete, iron and steel cut products and plastic products for automobiles etc.

Note: Some commodity names are abbreviated.

Number of commodities by initial two digits of commodities and HI group
(2002, based on enterprise commodities)

Initial two digits of commodities	Total						
		≥5000	≥2500 to <5000	≥1800 to <2500	≥1000 to <1800	≥500 to <1000	<500
00 Total	1817	100	298	200	413	389	417
09 Food	95	2	2	6	20	27	38
10 Beverages, tobacco and feed	28	3	2	3	4	6	10
11 Textile mill products	114	6	19	10	35	25	19
12 Apparel and other finished products	72	-	3	3	15	20	31
13 Lumber and wood products	37	-	2	2	2	7	24
14 Furniture and fixtures	21	1	-	2	1	4	13
15 Pulp, paper and paper products	59	3	4	8	20	8	16
16 Printing and allied industries	9	-	1	1	1	2	4
17 Chemical and allied products	214	26	60	36	41	38	13
18 Petroleum and coal products	24	3	3	6	9	1	2
19 Plastic products	43	-	4	3	3	9	24
20 Rubber products	41	3	11	4	10	5	8
21 Leather tanning, leather products and fur skins	34	2	4	2	9	9	8
22 Ceramic, stone and clay products	116	7	23	11	25	25	25
23 Iron and steel	65	6	26	8	10	5	10
24 Non-ferrous metals and products	56	2	14	8	16	10	6
25 Fabricated metal products	104	-	11	6	21	26	40
26 General machinery	237	11	29	25	48	66	58
27 Electrical machinery, equipment and supplies	114	2	21	18	29	26	18
28 Information and communication electronics equipment	52	2	10	8	22	8	2
29 Electronic parts and devices	41	-	4	4	12	14	7
30 Transportation equipment	77	10	23	12	15	10	7
31 Precision instruments and machinery	62	2	10	4	20	16	10
32 Miscellaneous manufacturing industries	102	9	12	10	25	22	24

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
091111	Chop of meat and frozen meat, except broilers	997,595	24.5	75.5	12.7	25.6	109
091112	Canned, bottled and potted meat	6,869	23.5	76.5	67.7	99.0	1881
091113	Meat products	729,333	60.0	40.0	33.9	53.5	525
091211	Condensed milk, milk powder and skim milk powder	193,963	74.3	25.7	60.1	90.6	1461
091212	Butter	78,789	89.5	10.5	72.1	94.3	2114
091213	Cheese	142,500	75.6	24.4	61.8	88.7	1623
091214	Processed milk	625,316	42.0	58.0	25.3	42.4	347
091215	Cream (Food)	145,110	60.4	39.6	42.7	79.2	901
091216	Ice cream	227,669	32.2	67.8	31.6	55.8	497
091217	Milk beverage and lactic acid bacteria beverage	338,195	68.8	31.2	45.9	75.3	1004
091219	Miscellaneous dairy products	338,764	64.7	35.3	45.3	66.3	1019
091911	Broiler products, including cut products	447,313	32.3	67.7	16.5	37.5	203
091919	Miscellaneous livestock products	198,867	13.2	86.8	20.8	41.8	280
092111	Canned tuna	45,338	45.0	55.0	70.8	97.8	2496
092112	Canned mackerel	5,163	9.8	90.2	33.9	86.7	849
092119	Miscellaneous canned seafood and seaweed	74,745	14.2	85.8	18.1	41.1	275
092211	Agar-agar	10,462	-	100.0	75.7	89.4	4688
092212	Seaweed products	313,204	4.4	95.6	13.0	30.6	132
092311	Fish-meat " ham " and sausage, including whale meat	32,465	77.1	22.9	58.8	96.6	1470
092312	Fish paste products	421,870	21.8	78.2	17.3	31.7	172
092411	Salted and dried seafood products, salted seafood products	251,325	0.1	99.9	7.0	17.4	60
092511	Frozen seafood products (unprocessed and packaged)	372,877	0.5	99.5	7.7	18.8	66
092611	Frozen seafood products (processed and packaged)	683,177	0.0	100.0	4.6	12.1	38
092911	Dried seafood products, boiled and dried seafood products	163,822	0.6	99.4	5.9	14.3	40
092919	Miscellaneous seafood products	1,034,426	7.2	92.8	5.0	11.1	30
092921	Seafood by-products	6,775	4.8	95.2	34.3	61.6	623
093111	Vegetable products in air-tight containers	56,938	0.3	99.7	11.3	27.3	133
093112	Fruit products in air-tight containers	43,592	2.1	97.9	14.5	34.0	216
093119	Miscellaneous products in air-tight containers	30,446	2.7	97.3	52.2	77.7	1361
093121	Frozen fruit and vegetable products	45,521	0.4	99.6	24.1	50.7	385
093129	Miscellaneous preserved fruit and vegetable products	237,881	19.2	80.8	14.8	29.1	147
093211	Vegetables pickled or in brine, including fruits pickled or in brine	476,133	0.7	99.3	5.6	12.8	38
094111	Fermented bean paste " miso ", including miso powder	140,889	6.2	93.8	30.4	48.2	528
094211	Soy sauce and edible amino acids, including soy sauce powder and solid	239,850	50.3	49.7	41.7	56.3	976
094311	Monosodium glutamate	24,871	92.9	7.1	97.9	100.0	8054
094319	Miscellaneous chemical seasonings	13,478	15.5	84.5	57.7	87.3	1672
094411	Worcester sauce, middle-thick sauce and thick sauce	62,873	16.4	83.6	61.3	81.6	1424
094419	Miscellaneous sauces	212,576	69.2	30.8	52.9	73.3	1563
094511	Vinegar	52,419	2.6	97.4	35.5	62.5	632
094911	Spices, including paste spices	118,846	31.9	68.1	35.4	62.8	614
094912	Roux	105,282	86.0	14.0	90.3	96.8	5090
094919	Miscellaneous seasonings	790,095	40.1	59.9	20.2	37.8	264
095111	Crude sugar, including syrup and muscovado	49,774	0.1	99.9	39.7	85.6	889
095112	Refined sugar, including lump sugar, crystal sugar, liquid sugar and granulated sugar (Sugar processing)	94,997	94.7	5.3	94.7	100.0	3359
095211	Refined sugar, including lump sugar, crystal sugar, liquid sugar and granulated sugar (Refined sugar products)	127,149	1.1	98.9	45.9	81.4	919
095311	Glucose	21,562	33.6	66.4	58.1	99.6	1498
095312	Starch syrup and malt sugar	49,696	13.8	86.2	49.0	91.8	1205
095313	High-fructose corn syrup	65,846	20.3	79.7	45.5	92.3	1095
096111	Cleaned and polished rice, including crushed rice	758,419	2.9	97.1	15.9	32.1	172

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
096112	Cleaned and polished rice waste	4,470	1.9	98.1	24.9	50.1	391
096211	Cleaned and polished wheat and barley	15,411	-	100.0	37.5	78.0	817
096212	Cleaned and polished wheat and barley waste	1,161	-	100.0	34.8	78.4	742
096311	Wheat flour	394,514	65.5	34.5	60.8	77.9	1726
096312	Wheat flour waste	17,379	47.7	52.3	44.5	64.4	861
096911	Elephant food flour	11,818	-	100.0	30.1	64.4	606
096919	Miscellaneous flour and grain mill products	84,139	5.7	94.3	13.1	30.2	143
097111	Loaf of bread	357,208	68.3	31.7	55.6	69.3	1339
097112	Buns, including yeast donut	652,381	60.0	40.0	45.4	62.4	1173
097211	Western-style pastries and cakes	648,132	32.3	67.7	16.8	30.7	184
097212	Japanese-style pastries and cakes	574,912	16.7	83.3	15.1	21.8	144
097311	Biscuits, crackers and other dry bakery products	378,358	24.4	75.6	13.3	31.7	152
097411	Baked rice confections	294,773	26.9	73.1	32.1	47.1	532
097911	Candies	159,424	21.7	78.3	32.7	65.2	561
097912	Chocolates	361,362	42.6	57.4	39.8	62.7	665
097919	Miscellaneous bakery and confectionery products	530,152	34.5	65.5	28.0	43.6	387
098111	Soybean oil	34,387	35.7	64.3	57.7	98.7	1566
098112	Blended vegetable oils and fats	110,595	51.5	48.5	58.6	97.1	1481
098113	Vegetable oil cakes	93,105	45.6	54.4	48.8	88.9	1185
098119	Miscellaneous vegetable oils and fats	139,912	24.9	75.1	39.4	74.8	762
098211	Fat	8,153	4.2	95.8	39.2	72.3	806
098212	Lard	13,388	5.0	95.0	30.0	56.8	545
098219	Miscellaneous animal oils and fats	26,156	14.0	86.0	25.7	57.2	443
098311	Shortening	32,390	73.0	27.0	61.7	97.2	1537
098312	Margarine	78,537	64.3	35.7	33.8	85.6	841
098319	Miscellaneous edible oils and fats	80,657	82.3	17.7	58.7	95.3	1854
099111	Starch	99,726	22.1	77.9	40.8	74.0	805
099112	Starch bran	8,962	12.4	87.6	71.0	100.0	2286
099211	Instant noodles	341,753	46.7	53.3	38.8	64.0	768
099212	Japanese noodles	379,559	7.8	92.2	7.1	14.7	47
099213	Western noodles	42,595	46.9	53.1	44.6	72.9	962
099214	Chinese noodles	194,543	12.2	87.8	11.0	21.8	89
099311	Soy bean curd, frozen and dried soy bean curd and fried bean curd	337,531	9.3	90.7	6.8	16.7	49
099411	Sweet bean paste and related products	80,322	13.9	86.1	20.7	37.8	267
099511	Precooked frozen foods	784,917	38.4	61.6	12.1	29.2	122
099611	Side-dish foods	759,613	29.7	70.3	10.6	20.6	79
099911	Yeast	11,355	77.9	22.1	71.3	100.0	2071
099919	Miscellaneous leavening compounds	35,613	13.4	86.6	35.0	63.2	600
099921	Malt and malt extract	8,766	37.6	62.4	34.5	60.5	599
099931	Wheat-gluten bread and toasted wheat-gluten bread	18,446	-	100.0	24.7	46.2	339
099932	Processed ripe banana	19,157	-	100.0	53.9	76.6	1626
099933	Sushi and box lunches	801,452	29.3	70.7	15.9	32.4	160
099934	Cut rice cake and packaged rice cake, except Japanese raw rice cakes	51,475	17.8	82.2	46.2	70.2	914
099935	Cooked bread and sandwich	182,935	35.1	64.9	21.2	44.0	288
099936	Retort foods	218,571	40.1	59.9	15.0	35.6	205
099939	Miscellaneous processed foods	1,261,605	22.9	77.1	4.8	12.3	35
101111	Carbonated water	452,592	31.6	68.4	51.7	73.5	1470
101112	Juice	401,030	69.3	30.7	30.3	57.6	481
101113	Coffee drinks, including coffee with milk	389,022	43.4	56.6	22.8	55.4	410
101114	Tea drinks	417,964	35.2	64.8	36.3	64.0	802

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
101115	Mineral water	43,668	45.5	54.5	46.0	67.2	967
101119	Miscellaneous soft drinks and carbonated water	366,830	53.7	46.3	32.1	51.9	531
102111	Wines	65,364	43.1	56.9	46.8	67.7	1013
102211	Beers	1,718,723	98.8	1.2	92.3	99.8	3419
102311	Rice wine " sake ", including unrefined " sake "	670,249	26.8	73.2	18.5	37.7	193
102312	Sake lees	5,037	11.7	88.3	10.8	23.6	83
102411	Additive alcohol (alcohol for drink) (95% conversion)	25,521	80.6	19.4	77.8	94.8	2182
102412	Low-class distilled spirits	475,982	34.3	65.7	34.3	61.7	584
102413	Blended rice wine sake	14,784	45.8	54.2	62.1	85.4	1791
102414	Whisky	141,909	97.8	2.2	97.5	100.0	7955
102415	Sweet rice wine mirin, including mirin with additives	42,944	69.2	30.8	67.8	86.5	2339
102416	Sparkling alcoholic beverage " happo-shu "	719,488	99.4	0.6	84.4	100.0	2988
102419	Miscellaneous distilled, rectified and blended liquors	207,606	69.2	30.8	54.6	89.6	1567
103111	Semi-finished green tea	63,786	-	100.0	15.7	31.4	147
103112	Green tea (finished)	313,127	3.5	96.5	17.4	26.1	146
103113	Brown tea (finished)	24,351	42.8	57.2	71.3	98.4	2457
103211	Coffee	167,237	30.8	69.2	49.0	75.5	976
104111	Artificial ice	29,969	-	100.0	14.0	27.7	138
105111	Cigarettes, cigars and pipe tobacco	2,696,150	100.0	-	100.0	100.0	10000
105211	Stemmed and re-dried leaf tobacco	229,187	100.0	-	100.0	100.0	10000
106111	Balanced compound feeds	732,448	14.5	85.5	21.0	48.4	337
106112	Pet feeds	76,220	1.3	98.7	35.2	69.6	700
106211	Elemental feeds	89,834	4.9	95.1	16.3	29.0	182
106311	Organic fertilizers	63,505	3.6	96.4	7.2	18.1	71
111111	Machine reeled raw silk, hand reeled silk and doupion silk	1,463	-	100.0	83.5	100.0	2719
111119	Miscellaneous silk yarn	16	-	100.0	100.0	100.0	4841
112111	Pure cotton yarn, including yarn waste	62,883	35.5	64.5	53.3	77.3	1107
112112	Mixed yarn, including yarn waste	8,894	67.7	32.3	57.1	86.7	1385
112113	Yarn waste generated from spinning processes	414	65.6	34.4	50.5	96.4	1313
112211	Pure viscose and staple yarn	1,428	48.2	51.8	64.1	97.9	2496
112212	Mixed viscose and staple yarn	1,525	31.4	68.6	74.2	100.0	2130
112213	Vynylon yarn, including mixed vynylon	3,343	96.9	3.1	99.7	100.0	5983
112214	Pure acrylic yarn	2,984	28.6	71.4	59.8	98.0	1602
112215	Mixed acrylic yarn	7,474	27.0	73.0	46.6	94.2	1156
112216	Pure polyester yarn	4,761	6.4	93.6	59.7	93.0	2061
112217	Mixed polyester yarn	17,715	49.2	50.8	46.9	84.4	1018
112219	Miscellaneous synthetic fiber	9,376	27.0	73.0	41.7	78.9	998
112311	Pure worsted yarn	16,410	30.7	69.3	41.2	86.1	920
112312	Mixed worsted yarn	8,765	51.2	48.8	66.0	99.4	2325
112313	Pure spun wool yarn	8,086	0.0	100.0	53.7	93.4	1283
112314	Mixed spun wool yarn	5,131	1.8	98.2	68.8	95.7	1796
112315	Wool yarn waste generated from spinning processes	46	83.2	16.8	93.5	100.0	6168
112911	Miscellaneous spun yarns	3,548	10.3	89.7	56.0	89.7	1339
113111	Sewing and twisting cotton yarn	2,404	-	100.0	33.7	70.8	652
113112	Weaving raw silk yarn	1,049	-	100.0	47.7	85.6	1054
113113	Miscellaneous twisting raw silk yarns	801	-	100.0	56.3	91.9	1271
113114	Weaving synthetic yarns	12,657	28.5	71.5	54.4	85.1	1337
113115	Miscellaneous synthetic fiber twisting yarns	7,604	4.0	96.0	30.5	64.1	550
113119	Miscellaneous twisting yarns	8,285	-	100.0	48.3	70.7	1156
113211	Bulky yarns	14,851	0.1	99.9	49.3	88.9	1169
114111	Poplin and broadcloth	9,342	45.1	54.9	70.1	97.6	1882

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
114112	Shirting, sheeting, grey sheeting, jeans and flannel	2,678	0.5	99.5	76.0	97.9	3266
114113	Velveteen and corduroy	926	-	100.0	66.0	99.4	1771
114114	Crepe	2,186	-	100.0	47.7	92.4	1118
114119	Miscellaneous wide cotton fabrics	34,992	8.0	92.0	36.5	68.2	724
114121	Toweling	7,819	-	100.0	41.0	67.6	771
114129	Miscellaneous yarn-dyed wide cotton fabric	24,633	1.4	98.6	61.5	79.1	2537
114131	White cotton cloth (bleached cotton cloth, toweling and bathrobe cloth)	2,359	-	100.0	39.6	78.3	827
114139	Miscellaneous narrow cotton fabrics	2,758	-	100.0	21.6	44.0	298
114141	Viscose and spun rayon fabric	4,873	0.8	99.2	61.8	84.7	1771
114142	Yarn-dyed viscose and spun rayon fabric	624	-	100.0	72.8	99.0	3073
114143	Acrylic fabric	2,839	-	100.0	45.8	78.5	1003
114144	Spun polyester fabric, poplin and broadcloth	11,897	43.6	56.4	46.4	82.6	1007
114145	Miscellaneous spun polyester fabric	18,875	22.3	77.7	33.3	68.0	601
114149	Miscellaneous spun synthetic fabrics	24,299	10.9	89.1	42.6	70.8	849
114151	Cotton, spun rayon and synthetic blanket fabric	3,251	-	100.0	34.3	70.4	659
114211	Wide habutae silk, including union cloth	4,626	-	100.0	31.3	61.5	575
114212	Wide silk crepes	386	-	100.0	68.7	100.0	1918
114219	Miscellaneous wide silk fabrics	10,833	-	100.0	15.4	33.0	192
114221	Narrow silk crepes	11,415	-	100.0	15.9	40.5	244
114222	Miscellaneous yarn-dyed narrow silk fabrics	32,020	-	100.0	10.9	22.2	101
114223	Miscellaneous piece-dyed narrow silk fabrics	4,791	-	100.0	21.6	55.2	398
114231	Spun silk fabric	1,494	-	100.0	51.1	77.7	1148
114241	Viscose and rayon fabric	2,440	-	100.0	52.5	81.6	1663
114242	Cuprammonium rayon line fabric	2,624	-	100.0	65.3	93.2	2067
114243	Acetate line fabric	1,181	-	100.0	59.2	98.8	1527
114244	Nylon line fabric	3,610	-	100.0	36.1	80.7	777
114245	Polyester line fabric	52,214	11.6	88.4	34.4	64.5	578
114249	Miscellaneous synthetic line fabrics	20,757	27.2	72.8	45.2	68.1	840
114251	Synthetic fiber tire cord	3,380	-	100.0	93.0	100.0	3022
114311	Combed woolen fabric	74,032	28.3	71.7	30.9	60.0	590
114319	Miscellaneous combed woolen fabrics	10,087	-	100.0	80.9	96.3	3224
114321	Spun woolen fabric for clothe	13,721	2.5	97.5	45.3	78.7	972
114329	Miscellaneous spun woolen fabrics	3,403	16.7	83.3	95.4	100.0	5712
114339	Miscellaneous woolen fabrics	6,695	41.8	58.2	73.4	96.9	2440
114411	Flax fabric	1,812	-	100.0	26.4	58.9	495
114412	Fabric hose, synthetic flaxen fabric	827	-	100.0	100.0	100.0	4474
114911	Moquette	8,059	51.6	48.4	73.3	91.8	3002
114919	Miscellaneous fabrics	4,588	-	100.0	94.8	99.7	6197
115111	Cotton tubular knit fabric	39,441	4.1	95.9	16.1	35.1	217
115112	Synthetic tubular knit fabric	37,550	1.3	98.7	30.7	58.7	500
115119	Miscellaneous tubular knit fabrics	10,451	-	100.0	34.3	68.7	665
115211	Synthetic warp knit fabric	29,603	26.2	73.8	46.7	78.6	1092
115219	Miscellaneous warp knit fabrics	1,196	-	100.0	64.5	95.0	1772
115311	Flat knit fabrics, including semi-finished products	3,191	-	100.0	57.5	82.8	1626
116111	Refined, breached and dyed cotton, rayon and flax fabrics	33,573	72.4	27.6	60.3	91.5	1634
116112	Refined, breached and dyed spun synthetic fabrics	18,740	87.2	12.8	76.7	100.0	2534
116211	Refined, breached and dyed silk and rayon fabrics	2,390	2.1	97.9	80.0	97.7	2699
116212	Refined, breached and dyed synthetic line fabric, machine dyed and finished synthetic rayon line fabric	14,781	64.5	35.5	71.0	98.5	2486
116311	Machine dyed and finished woolen and worsted fabrics	X	X	-	100.0	100.0	10000

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
116411	Machine finished woven fabrics	3,881	54.2	45.8	87.1	100.0	3076
116511	Hand dyed and finished woven cotton fabric	8,658	62.8	37.2	70.6	81.9	4007
116512	Hand dyed and finished woven silk fabric	14,039	-	100.0	37.6	65.3	639
116519	Hand dyed and finished miscellaneous fabrics	2,463	45.0	55.0	65.4	88.9	2338
116611	Dyed and finished quasi-cotton fibers and yarns	621	-	100.0	100.0	100.0	4202
116612	Dyed cotton yarn	3,025	56.8	43.2	90.4	100.0	4068
116613	Dyed synthetic yarn	3,618	-	100.0	62.7	98.3	1754
116619	Dyed miscellaneous yarns	1,828	-	100.0	87.5	100.0	4884
116711	Dyed and finished knit and lace	15,593	71.8	28.2	76.8	97.2	3039
116811	Dyed and finished miscellaneous textiles, including napped ones	11,908	60.3	39.7	73.4	86.3	3238
117111	Synthetic fiber rope, cord and twines	23,337	9.4	90.6	26.2	53.2	394
117112	Flax rope, cord and twines	1,661	-	100.0	55.6	88.5	1308
117119	Miscellaneous fiber rope, cord and twines	3,862	1.7	98.3	61.1	88.5	1719
117211	Nylon fishing net	10,085	-	100.0	33.7	67.0	606
117212	Polyethylene fishing net	4,498	-	100.0	32.5	61.9	610
117219	Miscellaneous fishing net	14,718	-	100.0	49.1	78.5	1320
117911	Netting except fishing net	9,761	-	100.0	30.4	59.6	510
118111	Embroidery lace fabrics	11,964	-	100.0	22.8	47.6	349
118211	Knit lace fabrics	31,426	-	100.0	25.9	52.7	429
118311	Bobbin lace fabrics	5,323	-	100.0	80.0	97.3	3913
118411	Braids	13,733	1.6	98.4	15.5	31.2	174
118511	Narrow fabrics	48,339	2.2	97.8	12.4	25.5	121
118919	Miscellaneous textile goods	5,299	-	100.0	29.9	52.4	438
119111	Semi-finished spun wool products	4,319	89.2	10.8	95.0	100.0	6303
119119	Miscellaneous reclaimed wool	4,484	-	100.0	46.6	72.7	1092
119211	Cotton for bedding, including wadding	3,742	-	100.0	20.7	47.1	318
119219	Miscellaneous fiber cotton for bedding, including wadding	5,381	-	100.0	50.0	71.2	1737
119311	Press felt fabric including needle, boned fabric (dry)	184,408	35.4	64.6	20.8	50.4	342
119312	Press felt products	43,881	7.9	92.1	42.7	74.0	997
119411	Carpets and cotton carpets	7,059	-	100.0	47.4	75.5	1039
119412	Tufted carpets	84,230	12.4	87.6	32.6	69.3	645
119419	Miscellaneous textile mats and similar products	90,937	39.1	60.9	46.9	72.1	872
119511	Coated, water-proof fabrics	64,803	43.6	56.4	40.2	75.5	814
119611	Sanitary gauze and bandage	21,231	-	100.0	57.4	84.8	1563
119612	Sanitary cotton	11,857	-	100.0	49.5	87.5	1119
119619	Miscellaneous textile-made medical and sanitary products	36,268	11.2	88.8	23.7	56.1	418
119911	Pattern card (Jacquard card)	7,607	-	100.0	12.8	33.3	187
119919	Miscellaneous textile mill products, n.e.c.	X	2.9	97.1	20.0	45.9	292
121111	Men's and boy's suit coats, including blazers, jackets, etc.	44,939	0.2	99.8	31.6	58.0	514
121112	Men's and boy's suit trousers, including spare trousers	19,502	-	100.0	31.5	58.4	508
121113	Men's and boy's overcoats	5,244	-	100.0	71.4	93.0	2539
121114	Men's and boy's uniform coats and overcoats	9,220	-	100.0	31.8	72.8	657
121115	Men's and boy's uniform pants	3,338	-	100.0	63.4	91.6	1558
121116	Men's and boy's rubber-coated raincoats and vinyl raincoats	2,966	-	100.0	67.7	89.0	3397
121211	Women's and girl's dressing and suit coats, including blazers, jackets, etc.	60,312	-	100.0	11.2	29.0	137
121212	Women's and girl's skirts and trousers	63,820	-	100.0	18.8	37.3	217
121213	Women's and girl's blouses	24,293	-	100.0	22.9	39.6	385
121214	Women's and girl's overcoats and raincoats	7,337	-	100.0	24.1	52.7	396
121215	Women's and girl's uniforms	509	-	100.0	65.2	92.3	1756
121311	Infant's outer garments	16,063	-	100.0	31.5	57.1	494

Commodity names		value	Large enterprises Share (%)	Medium and small sized enterprises Share (%)	Top 3 enterprises Share (%)	Top 10 enterprises Share (%)	H I
No.	Commodity names						
121411	Shirts	26,750	-	100.0	22.9	58.9	433
121419	Miscellaneous shirts	4,263	-	100.0	36.4	74.5	723
121511	Business, work and sanitary clothing	131,348	0.1	99.9	18.6	40.6	228
121512	Sport clothing	30,724	-	100.0	37.2	65.6	656
121611	Men's and boy's school uniform coats and overcoats	25,371	-	100.0	72.0	89.0	2003
121612	Men's and boy's school uniform trousers	12,893	-	100.0	66.3	85.5	2174
121613	Women's and girl's school uniform coats and overcoats	11,698	-	100.0	39.8	62.4	776
121614	Women's and girl's school uniform skirts and trousers	7,112	-	100.0	39.7	58.2	1086
122111	Knitted coats and overcoats, including blazers, jackets, etc.	17,116	-	100.0	30.0	55.6	456
122112	Knitted pants, skirts and trousers	6,936	-	100.0	22.4	50.4	365
122113	Infant's knitted outer garments	9,876	-	100.0	23.1	50.4	374
122211	Knitted shirts and blouses	7,789	-	100.0	29.5	65.9	558
122212	Knitted sport shirts and T-shirts	71,680	-	100.0	12.0	25.3	125
122311	Men's and boy's knitted sweaters, cardigans and vests	18,162	-	100.0	16.8	37.9	219
122312	Women's and girl's knitted sweaters, cardigans and vests	104,364	-	100.0	3.5	9.9	40
122911	Knitted sport coats	32,388	-	100.0	20.8	49.4	330
122912	Knitted sport pants, skirts and trousers	20,359	-	100.0	30.1	56.7	468
122913	Knitted swimming wear, swimming pants and beachwear	5,514	-	100.0	60.5	92.2	1577
122919	Miscellaneous knitted outer garments and shirts, including school uniforms, working wear, etc.	3,794	-	100.0	38.2	81.4	824
123111	Cotton textile underwear	8,862	-	100.0	38.8	69.3	751
123119	Miscellaneous textile underwear	6,852	-	100.0	49.8	83.1	1131
123211	Knitted underwear	46,076	37.5	62.5	46.6	65.9	1534
123212	Knitted briefs and underpants	30,647	16.5	83.5	32.2	53.8	459
123213	Knitted under-slips and petticoats	11,578	-	100.0	47.6	81.4	1086
123311	Textile nightclothes, except Japanese-style nightclothes	4,287	-	100.0	41.8	74.5	871
123411	Knitted nightclothes	6,156	-	100.0	64.5	88.2	1995
123511	Foundation garments	58,445	3.5	96.5	28.6	58.0	482
124111	Japanese-style clothes and belts, ready to wear	22,263	-	100.0	17.3	33.9	206
124119	Miscellaneous Japanese-style apparel, including knitted apparel	5,687	-	100.0	44.8	65.2	1026
124211	Japanese-style socks, including similar products and unfinished products	3,130	-	100.0	57.6	87.7	1441
125111	Ties, including knitted ones	1,743	-	100.0	53.4	80.8	1445
125211	Scarves, neckerchiefs and mufflers, including knitted ones	6,264	-	100.0	37.5	65.8	653
125311	Handkerchieves	6,867	-	100.0	44.1	81.2	1024
125411	Socks	82,069	5.4	94.6	11.9	27.2	138
125412	Panty-stockings	57,087	30.8	69.2	40.1	73.6	795
125419	Miscellaneous hosiery	11,465	4.5	95.5	24.7	60.4	463
125421	Tights	9,211	10.7	89.3	37.7	84.3	840
125511	Knit gloves for apparel	3,589	-	100.0	79.2	96.6	2601
125512	Knitted gloves for apparel	4,158	-	100.0	63.1	90.5	1716
125513	Knitted gloves for work	20,251	-	100.0	44.8	63.3	788
125519	Miscellaneous gloves	3,338	-	100.0	46.9	85.8	1104
125611	Felt hats and hat bodies	2,068	-	100.0	40.2	74.1	830
125612	Textile hats	16,129	-	100.0	15.2	33.5	206
125619	Miscellaneous hats, including knitted ones	5,824	-	100.0	18.4	43.9	288
125711	Fur apparel and apparel accessories	8,120	-	100.0	60.5	83.9	1549
125911	Feather garments, including synthetic leather ones	1,365	-	100.0	43.4	90.5	1040
125912	Textile footwear	4,836	-	100.0	22.1	50.0	379
125913	Sanitary garments and accessories	4,541	-	100.0	28.4	64.7	553
125919	Textile apparel and accessories, n.e.c., including knitted ones	18,286	-	100.0	22.7	46.8	323
129111	Futon, including wool futon	68,149	-	100.0	11.0	27.5	132

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
129112	Feather quilts	49,491	7.6	92.4	30.2	60.4	523
129119	Miscellaneous bedding except blanket	74,388	-	100.0	17.8	30.9	188
129211	Blankets	20,934	-	100.0	35.4	64.8	663
129311	Cotton canvas products	6,499	-	100.0	17.7	37.2	214
129312	Synthetic canvas products	65,036	5.7	94.3	19.1	35.1	190
129319	Miscellaneous textile canvas products	6,640	-	100.0	36.0	58.3	708
129411	Textile bags	18,730	9.8	90.2	37.8	61.7	814
129511	Embroidery products	6,605	-	100.0	30.9	54.6	453
129611	Towel, except handkerchiefs	80,390	-	100.0	17.9	35.9	207
129919	Fabricated textile products, n.e.c., including knitted ones	251,428	6.0	94.0	12.1	27.6	116
131111	Boards less than 7.5 cm depth of minimum cross section, with more than 4 times width larger than depth	143,362	0.1	99.9	3.5	8.5	18
131112	Lumbers less than 7.5 cm depth of minimum cross section, with less than 4 times width larger than depth	214,391	3.5	96.5	6.0	11.9	32
131113	Squares 7.5 cm or more depth and width	270,118	11.5	88.5	14.4	18.9	146
131114	Lumber for boxes and packing	66,477	-	100.0	12.2	22.0	98
131119	Miscellaneous sawed and planed wood	28,842	-	100.0	11.4	26.0	125
131121	Wood materials from sawing and planing mills	16,493	0.2	99.8	14.2	31.3	150
131122	Lumber dust	7,007	2.3	97.7	7.0	15.1	50
131211	Veneer wood	30,115	5.6	94.4	26.6	47.4	368
131311	Floor boards	180,756	47.3	52.7	30.9	62.9	540
131411	Wood chips	71,707	4.1	95.9	9.6	18.2	64
131911	Wooden shavings and chips	3,109	-	100.0	24.1	56.3	415
131919	Miscellaneous special wood products	13,263	5.9	94.1	26.7	44.2	386
132111	Millwork	270,962	30.2	69.8	20.4	38.0	234
132211	Common plywood	185,589	3.2	96.8	20.3	44.2	308
132212	Special plywood, except glued laminated timber	190,749	18.1	81.9	13.2	30.9	147
132311	Glued laminated timber	109,558	7.5	92.5	18.1	38.7	219
132411	Prefabricated wooden buildings and structural members for housing	337,238	11.1	88.9	15.1	28.1	142
132412	Miscellaneous prefabricated wooden buildings and structural members	9,223	-	100.0	74.3	93.1	3313
132413	Prefabricated wooden buildings	19,554	55.0	45.0	83.1	99.9	3505
132511	Particle board	40,405	26.4	73.6	47.8	86.8	1093
132611	High-grade decorative boards, precious woods and alcove posts	15,596	-	100.0	14.0	30.8	153
133111	Bamboo, rattan and willow baskets	1,928	-	100.0	40.4	66.5	954
133211	Chipping boxes	10,651	-	100.0	15.6	38.7	217
133311	Wooden boxes	88,603	-	100.0	7.0	16.0	55
133312	Drum frames, including wooden drums	12,239	-	100.0	25.4	52.2	429
133411	Japanese and Western-style barrels	2,956	-	100.0	38.4	65.7	664
133511	Wooden tubs	2,334	-	100.0	39.5	76.1	767
139111	Chemical-treated wood	27,674	-	100.0	59.9	81.0	1814
139211	Lasts and shoe tree	4,316	-	100.0	23.6	61.4	487
139311	Cork goods	6,163	-	100.0	66.3	91.6	2102
139911	Knobs, handles, grips, stocks and similar products	9,988	-	100.0	21.4	41.4	268
139912	Wooden kitchenware	6,104	-	100.0	26.1	47.6	356
139913	Chopsticks, wood and bamboo	4,365	-	100.0	35.2	57.0	570
139914	Wooden members of apparatus	2,131	-	100.0	30.8	75.5	649
139915	Wooden shoes, including wooden blocks for shoes	1,281	-	100.0	50.5	81.8	1155
139916	"Magewa", "Magemono"	971	-	100.0	40.4	81.8	893
139919	Miscellaneous wood, bamboo, rattan and willow products, including painted products	110,209	3.9	96.1	7.6	18.8	62
141111	Wooden desks, tables and chairs	189,363	5.9	94.1	7.0	18.0	63

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
141112	Wooden cooking counters for sink and gas range	227,519	47.3	52.7	29.5	53.5	426
141113	Cabinets	94,494	7.5	92.5	10.0	21.7	87
141114	Wooden cabinets and shelves	171,199	1.9	98.1	5.6	12.5	36
141115	Wooden cabinets for sound systems	12,673	4.8	95.2	29.7	64.9	548
141116	Wooden beds	29,646	20.4	79.6	38.6	58.3	655
141119	Miscellaneous wooden furniture, except Japanese lacquered furniture	250,915	20.7	79.3	17.7	26.6	133
141211	Metal desks, tables and chairs	167,966	32.0	68.0	21.5	50.0	313
141212	Metal beds	8,104	38.3	61.7	70.8	97.2	2209
141213	Automatic metal beds	24,529	99.6	0.4	99.9	100.0	9916
141214	Metal cooking counters for sinks and gas range, (cabinets made of steel)	99,431	47.9	52.1	39.0	66.8	800
141215	Metal cabinets and shelves	100,996	18.2	81.8	26.8	50.5	420
141219	Miscellaneous metal furniture and furnishings	72,770	34.1	65.9	33.3	49.3	783
141311	Mattress for beds and box springs	31,310	50.0	50.0	59.6	85.1	1989
142111	Furniture for religious purposes	49,918	-	100.0	11.2	23.3	102
143111	Fittings, except metal fittings	378,120	5.9	94.1	8.9	16.8	50
149111	Offices and store fixtures	196,524	27.3	72.7	22.9	38.7	256
149211	Sunshades for windows and doors	59,374	21.0	79.0	66.2	92.4	1670
149311	Folding screens, clothe racks, bamboo screens and screens, including hanging scrolls and maps	9,128	-	100.0	23.2	40.6	332
149411	Frames for mirrors and pictures	24,705	-	100.0	18.4	35.9	211
149919	Furniture and fixtures, n.e.c.	43,768	9.0	91.0	19.1	38.8	226
151111	Dissolved pulp	X	-	100.0	100.0	100.0	10000
151112	Paper craft pulp	51,809	63.5	36.5	44.0	92.6	1061
151119	Miscellaneous pulp	10,569	5.5	94.5	57.1	85.6	1375
152111	Rolls of newsprint	393,439	93.3	6.7	63.6	99.5	1736
152112	Non-painted printing paper	346,831	88.5	11.5	46.4	85.6	1036
152113	Painted printing paper	608,259	95.9	4.1	62.2	99.1	1781
152114	Special printing paper	30,889	83.8	16.2	63.5	97.9	1921
152115	Information paper	130,463	86.7	13.3	63.8	97.8	1613
152116	Writing paper and drawing paper	2,212	74.6	25.4	77.0	100.0	2323
152117	Unbleached wrapping paper	54,786	79.5	20.5	52.9	97.2	1435
152118	Bleached wrapping paper	55,347	74.7	25.3	44.0	90.5	1184
152121	Sanitary paper	220,613	27.5	72.5	27.3	52.5	415
152122	Shoji paper and calligraphic paper	8,903	-	100.0	21.0	45.1	323
152123	Miscellaneous paper	258,507	71.9	28.1	25.5	58.4	452
152211	Exterior liner board (corrugated liner board)	249,567	77.1	22.9	48.0	87.1	1138
152212	Interior liner board (corrugated liner board)	9,432	44.0	56.0	84.0	100.0	2946
152213	Corrugating medium liner board (corrugated liner board)	121,947	66.7	33.3	56.4	93.2	1422
152214	Manila paperboard	66,343	79.0	21.0	57.1	98.9	1512
152215	White paperboard	106,197	63.5	36.5	49.0	89.1	1104
152216	Yellow paperboard and chip paperboard	10,293	49.5	50.5	60.6	98.3	1835
152217	Colored paperboard	6,594	13.2	86.8	62.5	99.6	1745
152218	Building paperboard	15,343	15.5	84.5	73.4	98.5	2690
152219	Miscellaneous paperboard	37,608	52.0	48.0	37.7	79.0	805
152411	Hand-made Japanese paper	3,232	-	100.0	29.5	48.8	429
153111	Insulating paper and tape	9,830	49.4	50.6	63.6	92.0	1648
153112	Asphalt coated paper	29,120	-	100.0	81.0	100.0	2770
153113	Permeable converted paper	7,067	18.1	81.9	55.9	90.8	1432
153114	Laminated paper	144,933	31.3	68.7	23.6	50.7	369
153115	Paper- and textile-made bookbinding cloth	3,434	92.2	7.8	97.8	100.0	8524
153119	Miscellaneous coated paper	301,812	69.6	30.4	31.8	72.1	644

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
153211	Corrugated board (sheet)	235,021	43.7	56.3	25.1	46.0	334
153311	Wall paper and sliding door " fusuma " paper	47,847	14.9	85.1	29.1	66.1	545
154111	Books	3,186	43.2	56.8	65.2	93.0	2262
154112	Forms for office work	20,921	35.3	64.7	40.8	69.8	806
154113	Office paper bags	90,810	17.4	82.6	35.7	64.4	648
154119	Miscellaneous office paper products	157,639	30.0	70.0	30.0	50.8	586
154211	Notebooks	15,575	20.1	79.9	49.0	87.9	1108
154219	Miscellaneous school paper products	5,260	-	100.0	53.0	81.6	1256
154311	Paper products for celebration	17,021	-	100.0	23.9	50.5	358
154312	Paper products for photography	24,910	11.8	88.2	29.0	56.6	464
154319	Miscellaneous paper products for daily-use	10,758	1.0	99.0	64.9	82.6	2337
154919	Miscellaneous paper products	149,834	5.7	94.3	21.1	46.4	284
155111	Sacks for heavy weight shipping	76,238	21.3	78.7	24.9	49.7	374
155211	Square bottom paper bags	64,994	40.2	59.8	35.4	58.6	570
155311	Corrugated board boxes	1,190,159	28.1	71.9	17.2	26.2	151
155411	Printed paperboard boxes	361,811	12.3	87.7	21.1	35.4	260
155412	Simple paperboard boxes	40,321	1.6	98.4	51.1	60.5	1257
155413	Pasted boxes	66,153	11.0	89.0	19.6	32.4	192
155419	Miscellaneous paperboard boxes and cups	163,315	34.0	66.0	37.7	70.9	693
159111	Cellophane	14,862	96.7	3.3	96.7	100.0	5708
159211	Hard fiberboard	6,390	42.7	57.3	75.7	100.0	2290
159219	Miscellaneous fiberboard	36,025	62.6	37.4	65.6	96.8	2072
159311	Paper-made sanitary materials	9,348	14.0	86.0	68.0	98.6	1863
159911	Paper diaper for adults	80,623	49.2	50.8	48.7	84.5	1077
159912	Paper diaper for children	109,860	89.0	11.0	82.3	100.0	2654
159919	Miscellaneous paper-made sanitary products	265,329	34.4	65.6	28.2	48.9	390
159921	Paper pipes	67,708	0.5	99.5	17.6	35.2	208
159922	Solid fiber and vulcanized fiber products	9,327	25.7	74.3	48.6	90.8	1145
159939	Pulp, paper and paper worked products, n.e.c.	X	40.6	59.4	24.5	40.2	299
161111	Relief (anastatic) printing	458,446	37.1	62.9	35.4	49.1	590
161112	Planograph (offset) printing	4,478,323	25.2	74.8	16.2	23.1	127
161113	Intaglio (photogravure) printing	382,750	53.3	46.7	50.6	66.8	1343
161114	Special printing on non-paper	628,986	30.5	69.5	23.8	41.3	299
162111	Photoengraving, including phototypesetting	384,492	8.1	91.9	8.3	15.4	50
162112	Photomask	118,797	43.9	56.1	79.5	94.1	2343
162113	Printing types	3,856	12.9	87.1	78.3	96.7	3538
162114	Stereotypes	16,718	0.8	99.2	24.6	49.0	360
162115	Copper intaglio and wood engraving printing	6,511	-	100.0	31.1	71.3	642
171111	Synthetic and reclaimed ammonium sulfate	11,614	100.0	-	94.2	100.0	3306
171112	Ammonium and aqueous ammonia (NH3 100% conversion)	46,222	79.0	21.0	52.1	96.6	1300
171113	Nitric acid (98% conversion)	19,986	94.3	5.7	72.6	100.0	2427
171114	Ammonium nitrate	3,089	92.6	7.4	96.8	100.0	5223
171115	Urea	8,988	86.9	13.1	96.4	100.0	6143
171119	Miscellaneous ammonium fertilizers	5,462	61.3	38.7	60.6	99.8	1689
171121	Lime nitrogen	4,891	85.3	14.7	100.0	100.0	7474
171122	Super-phosphate	2,726	6.6	93.4	53.3	92.5	1296
171123	Fused phosphate fertilizer	3,073	17.8	82.2	83.3	100.0	2820
171129	Miscellaneous phosphatic acid fertilizers	6,845	-	100.0	94.5	100.0	6557
171211	Chemical fertilizers	101,285	22.6	77.4	25.9	52.3	433
171212	Mixed fertilizers	84,164	9.1	90.9	28.6	57.9	535

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
171919	Miscellaneous chemical fertilizers	31,529	24.4	75.6	32.5	62.8	564
172111	Caustic soda (liquid 97% conversion, solid)	111,262	84.8	15.2	52.1	82.3	1212
172112	Soda ash	14,332	98.2	1.8	100.0	100.0	4875
172113	Liquid chlorine	17,578	85.1	14.9	51.8	87.2	1186
172114	Ammonium chloride	X	-	X	100.0	100.0	8977
172115	Hydrochloric acid (35% conversion)	19,513	81.6	18.4	37.7	73.7	938
172116	Sodium chlorate	1,508	73.4	26.6	87.4	100.0	3126
172117	Sodium hypochlorite	18,291	60.8	39.2	37.0	78.3	776
172119	Miscellaneous soda	46,286	66.1	33.9	36.4	79.4	779
172211	Zinc white	4,627	9.3	90.7	84.1	100.0	2983
172212	Titanium oxide	66,783	92.6	7.4	85.7	100.0	3263
172213	Ferric oxide (red oxide)	32,499	3.3	96.7	76.3	98.6	2745
172214	Chrome yellow	1,155	-	100.0	100.0	100.0	6455
172215	Carbon black	65,393	54.7	45.3	67.2	100.0	1911
172219	Miscellaneous inorganic pigments	59,513	47.2	52.8	46.0	69.7	1143
172311	Oxygen gas, including liquefied oxygen	64,491	6.2	93.8	44.9	65.3	833
172312	Hydrogen gas	11,975	39.2	60.8	39.8	75.0	796
172313	Dissolved acetylene	8,646	25.8	74.2	37.9	67.3	940
172314	Carbonic acid gas	27,829	40.6	59.4	40.0	70.5	759
172315	Nitrogen	54,982	12.4	87.6	21.6	43.4	306
172319	Miscellaneous compressed and liquefied gasses	64,757	36.5	63.5	36.6	59.6	686
172321	Refining of compressed and liquefied gasses purchased	10,032	24.0	76.0	66.7	97.4	1876
172411	Salt	35,639	-	100.0	47.1	91.6	1156
172412	Table salt, including refined salt	7,689	-	100.0	86.0	97.8	3074
172413	Salt water and bittern	1,200	22.4	77.6	65.3	89.3	1902
172911	Calcium carbide	4,771	66.7	33.3	100.0	100.0	5556
172912	Phosphatic acid (by electric furnace)	5,229	97.0	3.0	100.0	100.0	4719
172921	Sulfuric acid (100% conversion)	27,154	72.5	27.5	32.5	66.0	601
172922	Aluminum sulfate	10,331	26.5	73.5	42.7	73.9	920
172923	Potassium salt	38,607	88.7	11.3	73.3	92.5	2192
172924	Silver nitrate	21,249	81.4	18.6	98.0	100.0	6786
172925	Hydrogen peroxide	24,325	56.5	43.5	65.5	99.9	2239
172926	Sodium silicate	20,829	42.3	57.7	50.7	85.0	1111
172927	Sodium phosphate	6,857	20.1	79.9	72.9	100.0	2053
172928	Activated carbon	35,488	39.6	60.4	51.0	85.2	1223
172931	Barium salt	17,276	61.0	39.0	77.0	99.9	2358
172932	Catalyst	167,630	82.8	17.2	78.3	92.0	3161
172933	Ferric chloride	8,210	32.6	67.4	68.6	95.3	2110
172934	Hydrofluoric acid	2,177	94.1	5.9	99.9	100.0	8884
172935	Calcium carbonate	4,278	-	100.0	72.4	100.0	2321
172949	Miscellaneous inorganic chemicals	443,449	36.0	64.0	8.7	23.7	123
173111	Ethylene	289,624	69.1	30.9	47.8	99.6	1195
173112	Propylene	159,341	68.3	31.7	38.2	97.2	1007
173113	Butane and butylene produced by decomposing naphtha	81,600	88.4	11.6	84.1	100.0	4177
173114	Pure benzol (petroleum)	89,329	70.5	29.5	44.8	81.7	971
173115	Pure toluole (petroleum)	31,537	75.4	24.6	53.8	97.5	1373
173116	Pure xylol (petroleum)	115,017	93.5	6.5	48.2	96.0	1202
173117	Aromatic mixed solvent	60,639	94.2	5.8	97.0	100.0	4409

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
173211	Synthetic butanol	22,111	100.0	-	100.0	100.0	4340
173212	Synthetic octanol	35,334	100.0	-	99.3	100.0	3728
173213	Synthetic acetone	66,468	99.9	0.1	97.4	100.0	6638
173214	Acetic acid, including synthetic acetic acid	25,116	31.1	68.9	84.3	100.0	3907
173215	Ethylene oxide	44,687	90.9	9.1	90.9	100.0	3000
173216	Glycol ethylene	77,528	87.6	12.4	87.6	100.0	3013
173217	Propylene oxide	66,018	32.4	67.6	99.5	100.0	5081
173218	Glycol propylene	10,268	99.0	1.0	87.5	100.0	2865
173221	Glycol polypropylene	36,510	45.2	54.8	70.7	100.0	2079
173222	Trichloroethylene	8,977	59.8	40.2	97.6	99.9	3321
173223	Ethylene dichloride	13,542	51.7	48.3	99.7	100.0	3664
173224	Vinyl chloride monomer	129,617	62.4	37.6	79.9	100.0	2694
173225	Acrylonitrile	75,691	100.0	-	85.7	100.0	3730
173226	Vinyl acetate monomer	30,363	72.1	27.9	87.0	100.0	2701
173227	Melamine	17,695	100.0	-	100.0	100.0	3643
173228	Butadiene	23,848	55.2	44.8	73.2	100.0	2291
173231	Acetic anhydride	10,683	100.0	-	100.0	100.0	8497
173239	Miscellaneous aliphatic intermediates	574,098	65.0	35.0	28.4	59.5	480
173311	Ethyl alcohol (95% conversion)	28,984	-	100.0	86.8	100.0	3781
173319	Miscellaneous fermented products	14,742	30.3	69.7	56.9	92.7	1328
173411	Terephthalic acid and dimethyl terephthalate	153,314	90.0	10.0	93.4	100.0	4593
173412	Styrene monomer	189,391	80.2	19.8	60.4	100.0	1745
173413	Toluylenedi-isocyanate (T.D.I)	41,089	94.3	5.7	100.0	100.0	7384
173414	Caprolactam	74,047	100.0	0.0	79.8	100.0	2589
173415	Cyclohexane	15,079	82.9	17.1	87.5	100.0	4022
173416	Synthetic carbolic acid	123,868	100.0	-	100.0	100.0	7699
173417	Aniline	34,560	93.2	6.8	100.0	100.0	4469
173418	Phthalic anhydride	8,475	62.5	37.5	87.6	100.0	2704
173421	Diphenyl methane diisocyanate (M.D.I)	X	X	-	100.0	100.0	9052
173429	Miscellaneous cyclic intermediates	372,429	56.2	43.8	25.2	52.3	389
173431	Direct dyes	22,410	54.6	45.4	69.5	92.2	2044
173432	Disperse dye	7,361	27.8	72.2	88.1	100.0	3153
173439	Miscellaneous synthetic dyes	102,568	30.7	69.3	31.8	59.9	599
173441	Pigment range color	29,191	54.6	45.4	88.1	99.0	3617
173442	Lake	11,651	63.3	36.7	97.3	100.0	4898
173511	Phenol resin	60,177	71.2	28.8	44.8	84.6	961
173512	Urea resin	5,579	73.5	26.5	71.8	98.1	2241
173513	Melamine resin	11,137	52.7	47.3	45.2	92.2	1105
173514	Unsaturated polyester resin	53,301	87.8	12.2	50.0	96.3	1263
173515	Alkyd resin	16,910	71.0	29.0	71.1	99.9	2719
173516	Polyethylene	336,622	76.1	23.9	36.5	90.0	914
173517	Polystyrene	174,111	79.4	20.6	36.2	81.9	815
173518	Polypropylene	271,817	81.1	18.9	53.8	98.1	1359
173521	Vinyl chloride resin	181,241	75.8	24.2	64.5	92.8	1972
173522	Methacrylic resin	92,785	94.1	5.9	81.4	99.9	3072
173523	Polyvinyl alcohol	46,662	86.6	13.4	91.3	100.0	3301
173524	Polyamide resin	112,271	93.6	6.4	57.6	95.7	1489
173525	Fluorocarbon resin	56,230	64.2	35.8	77.2	100.0	2444

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
173526	Polyethylene terephthalate	55,451	86.4	13.6	83.5	100.0	2769
173527	Epoxy resin	61,190	39.1	60.9	54.6	96.8	1390
173528	Polyvinyl acetate	X	X	X	100.0	100.0	10000
173531	Polyacetal	X	X	-	100.0	100.0	8934
173532	Polycarbonate	110,388	80.6	19.4	64.8	100.0	1881
173539	Miscellaneous plastic	708,428	88.0	12.0	26.8	57.0	464
173611	Synthetic rubber, including synthetic latex	377,322	86.5	13.5	57.9	88.6	1467
173911	Formalin	7,291	57.2	42.8	51.9	92.3	1243
173912	Chloro-fluoro-methane and chloro-fluoro-ethane (chloro-fluoro-carbon)	25,009	78.3	21.7	81.2	100.0	2721
173919	Miscellaneous methane derivatives	22,731	71.7	28.3	75.0	92.6	3001
173921	Creosote oil	9,253	55.1	44.9	89.7	100.0	3128
173922	Pitch	4,390	62.1	37.9	93.5	100.0	2968
173923	Byproduct ammonium sulfate	3,636	96.4	3.6	72.6	100.0	2183
173929	Miscellaneous coal-tar products	53,585	74.9	25.1	69.3	93.6	2668
173931	Phthalic plasticizers	15,641	15.0	85.0	78.7	100.0	2688
173939	Miscellaneous plasticizers	52,215	51.2	48.8	38.6	86.8	889
173941	Organic rubber chemicals	30,075	32.6	67.4	53.1	97.4	1504
173942	Citric acid, except fermented one	1,175	-	100.0	98.2	100.0	4874
173943	Di-2-ethyl-hexyl phthalate	X	-	X	100.0	100.0	10000
173949	Miscellaneous industrial organic chemicals	696,590	62.9	37.1	17.1	37.6	228
174112	Viscose short fiber	X	-	X	100.0	100.0	10000
174113	Cuppammonium, acetate long fiber yarn and short fiber	61,433	100.0	-	97.3	100.0	3343
174211	Nylon line fiber yarn and tow fiber	72,110	79.2	20.8	71.0	100.0	2534
174212	Polyester line fiber yarn	118,572	93.7	6.3	69.9	97.2	2166
174213	Polyester tow fiber	45,657	65.5	34.5	67.6	99.6	1860
174214	Acrylic line fiber yarn and tow fiber	81,624	88.7	11.3	74.0	100.0	2339
174215	Vinylon line fiber yarn and tow fiber	22,829	94.3	5.7	100.0	100.0	7537
174216	Polypropylene line fiber yarn and tow fiber	28,571	24.0	76.0	70.3	98.2	2085
174219	Miscellaneous synthetic fibers	76,859	91.0	9.0	72.1	96.8	1971
175111	Fatty acids (direct and hard)	4,579	41.7	58.3	63.8	99.4	1697
175112	Refined fatty acids	18,164	33.7	66.3	48.1	87.3	1099
175113	Hydrogenated oils (for industry and food)	7,341	48.7	51.3	75.2	100.0	2082
175114	Refined glycerin	8,178	65.0	35.0	75.2	100.0	2226
175115	Higher alcohol (reduced and distilled)	20,350	68.3	31.7	84.8	100.0	2703
175119	Miscellaneous fat and oil products	26,395	37.8	62.2	41.1	86.4	952
175211	Bath soap, including medicated and liquid soap	82,151	54.1	45.9	53.0	75.2	1136
175212	Laundry soap (bar and powder)	5,302	8.0	92.0	54.2	85.9	1504
175219	Miscellaneous soaps	15,365	36.3	63.7	32.7	71.3	650
175221	Laundry synthetic detergents	230,471	93.1	6.9	91.0	97.3	3612
175222	Kitchen synthetic detergents	48,170	58.4	41.6	66.9	90.0	1741
175223	Miscellaneous household synthetic detergents	30,560	54.0	46.0	66.9	89.4	2441
175224	Liquid body detergents, except liquid soap	10,484	83.4	16.6	81.5	99.8	2642
175225	Industrial synthetic detergents	35,012	9.6	90.4	29.9	60.3	495
175311	Anionic surface-active agents	52,627	51.9	48.1	34.3	70.6	681
175312	Cationic surface-active agents	27,894	38.2	61.8	63.3	93.3	2203
175313	Nonionic surface-active agents	128,653	62.5	37.5	38.8	71.5	841
175319	Miscellaneous surface-active agents	61,494	36.4	63.6	37.9	78.7	851

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
175411	Oil paints	25,641	37.5	62.5	73.0	90.3	2200
175412	Lacquers	15,178	11.3	88.7	53.8	77.7	1955
175413	Electrical insulating paints	43,696	44.7	55.3	49.6	80.1	1403
175414	Solvent synthetic resin paints	578,579	56.5	43.5	36.7	55.6	567
175415	Water synthetic resin paints	109,285	47.2	52.8	42.5	63.9	799
175416	Solventless synthetic resin paints	27,383	44.4	55.6	43.7	80.5	958
175417	Thinner	84,811	19.0	81.0	36.1	60.1	620
175419	Miscellaneous paints and related products	84,410	31.2	68.8	33.5	55.6	615
175511	Ordinary ink	210,042	74.9	25.1	44.1	79.2	937
175512	Newspaper ink	21,244	79.6	20.4	71.3	100.0	2128
175513	Vanish for printing ink	15,382	66.2	33.8	57.8	98.2	1458
175611	Cleansers	7,915	4.0	96.0	72.6	96.0	2225
175612	Waxes	34,994	3.6	96.4	55.3	81.9	1410
175613	Shoe preparations	2,807	-	100.0	90.1	100.0	5522
175619	Miscellaneous cleaning and scouring preparations	90,117	66.7	33.3	62.4	76.1	3044
175711	Candles	12,455	-	100.0	61.6	80.4	2470
176111	Medical material preparations	566,811	76.6	23.4	30.9	53.7	486
176211	Medical products preparations, including preparations outside medicines	5,837,451	69.4	30.6	16.4	37.3	214
176311	Vaccine, blood serum and reserved blood	207,361	91.9	8.1	82.1	99.2	3445
176411	Natural drugs and Chinese medicines	140,114	54.1	45.9	58.9	75.0	2587
176511	Medical products for animals	46,512	21.3	78.7	34.4	65.8	609
177111	Perfume and eau de cologne	7,777	90.7	9.3	73.3	96.6	2943
177112	Foundation	127,317	74.9	25.1	54.3	79.1	1145
177113	Powder	17,198	29.4	70.6	43.9	79.0	1126
177114	Lip rouge, cheek rouge and eye shadow	91,758	71.9	28.1	50.5	80.6	1065
177115	Creams (Cosmetics)	122,094	46.6	53.4	27.9	61.8	497
177116	Lotions	194,834	58.3	41.7	33.2	65.1	608
177117	Milky lotions	60,732	64.9	35.1	52.6	78.3	1195
177119	Miscellaneous makeup and skin care products	179,483	46.2	53.8	42.3	65.7	822
177211	Shampoo and hair rinse	225,790	59.7	40.3	56.5	77.6	1291
177212	Hair restorers	16,338	69.2	30.8	62.4	88.4	2459
177213	Hair lotions	76,882	73.7	26.3	51.2	84.9	1130
177219	Miscellaneous hair care products	128,528	18.1	81.9	48.5	73.8	1325
177919	Miscellaneous cosmetics and toilet preparations	138,817	56.3	43.7	37.3	68.5	674
177921	Toothpaste	71,663	92.8	7.2	87.4	98.6	2709
179111	Industrial explosives	20,772	78.5	21.5	75.5	95.7	2507
179119	Miscellaneous ammunition	4,901	27.7	72.3	82.2	100.0	2803
179121	Explosives for arms	12,486	92.0	8.0	96.6	100.0	4638
179211	Pesticides	115,127	57.2	42.8	38.8	71.2	837
179221	Disinfectants	65,499	32.2	67.8	37.4	76.8	767
179229	Miscellaneous chemicals	119,855	50.5	49.5	31.2	62.9	558
179311	Natural perfumes and fragrances	7,584	59.8	40.2	71.0	97.1	3153
179312	Synthetic perfumes and fragrances	40,047	63.6	36.4	63.5	92.4	2268
179313	Blended perfumes and fragrances	99,204	30.7	69.3	42.3	72.7	1002
179411	Gelatin and glue	24,206	40.0	60.0	72.3	94.2	2230
179412	Cellulosic adhesives and plastic adhesives	183,090	31.0	69.0	25.6	48.5	361
179419	Miscellaneous adhesives	40,112	26.8	73.2	36.1	69.7	674

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
179511	Photographic films, including photographic dry plate	345,861	96.7	3.3	99.2	100.0	5388
179512	Photographic films with lens	48,654	84.4	15.6	99.9	100.0	6791
179513	Photographic paper	85,314	99.6	0.4	99.6	100.0	5416
179514	Sensitized paper (for blue print and copy)	23,450	91.4	8.6	91.4	100.0	3792
179515	Sensitive material for photoengraving	31,057	85.1	14.9	71.4	94.3	2208
179516	Chemicals for photography, prepared and packaged	231,043	74.6	25.4	54.0	87.3	1208
179611	Natural resin products, including natural dyes	33,709	73.8	26.2	67.1	91.4	1660
179612	Wood chemical products	8,016	1.0	99.0	74.0	95.4	3595
179711	Reagents, except reagents for diagnosis	81,231	50.9	49.1	47.1	75.1	895
179911	Dextrin, including soluble starch	23,381	-	100.0	91.7	99.8	5684
179912	Bleaching agents	23,189	79.1	20.9	91.9	99.5	5869
179919	Miscellaneous chemicals and allied products	993,561	53.0	47.0	16.6	36.2	187
181111	Gasoline	4,137,720	98.2	1.8	61.1	95.7	1545
181112	Naphtha	452,314	98.0	2.0	60.6	98.0	1660
181113	Jet fuel oil	258,706	94.3	5.7	64.3	98.3	1654
181114	Kerosene	690,778	97.1	2.9	55.7	95.4	1380
181115	Light oil	1,022,401	97.1	2.9	56.0	94.3	1381
181116	Heavy fuel oil A	727,901	96.0	4.0	62.7	94.5	1678
181117	Heavy fuel oil B	771	56.4	43.6	83.1	100.0	2677
181118	Heavy fuel oil C	702,447	86.9	13.1	48.6	86.7	1103
181121	Lubricating oil, including grease	127,801	68.0	32.0	58.0	99.2	1563
181122	Paraffin	12,733	11.9	88.1	96.9	100.0	6246
181123	Asphalt	77,970	99.8	0.2	77.2	100.0	2330
181124	Liquefied gas	181,930	96.5	3.5	51.9	96.5	1369
181125	Stock oil for refining and mixing	167,158	100.0	-	97.2	100.0	4701
181126	Petroleum gas	28,893	100.0	-	100.0	100.0	5230
182111	Lubricating oils made of mineral, animal and vegetable oil purchased	99,326	5.1	94.9	22.1	51.2	368
182211	Greases made of mineral, animal and vegetable oil purchased	19,905	-	100.0	64.2	95.4	1982
183111	Coke	118,998	66.9	33.1	80.9	99.9	2424
183112	Fuel gasses, including blast furnace gas and coke oven gas	87,817	75.3	24.7	74.3	100.0	2433
183113	Crude coal tar	9,391	55.3	44.7	66.7	100.0	1821
183114	Pitch coke	X	X	-	100.0	100.0	5913
184111	Asphalt paving admixture and tar paving admixture, including asphalt block and tar block	383,703	26.1	73.9	30.2	49.8	469
189111	Briquettes and briquette balls	5,807	0.0	100.0	80.9	99.2	4708
189911	Recovered sulfur	6,692	94.8	5.2	73.7	99.8	2414
189919	Miscellaneous petroleum and coal products	X	40.7	59.3	40.6	68.9	781
191111	Rigid plastic flat plates, 0.5 mm or more thickness	50,595	34.8	65.2	34.3	63.5	640
191112	Corrugated engineering plastic plates, 0.5 mm or more thickness	13,907	52.5	47.5	65.3	99.9	1903
191113	Laminated plastics	68,390	84.2	15.8	63.5	94.2	2046
191114	Decorated plastic plates	16,027	72.8	27.2	84.6	99.9	3433
191115	Plastic bars and rods	9,131	77.4	22.6	86.5	97.8	3536
191211	Rigid plastic pipes and tubes	174,603	66.9	33.1	38.7	67.1	715
191212	Plastic hoses	52,899	5.9	94.1	27.0	56.5	432
191311	Plastic pipe fittings including valves and cocks	76,753	64.9	35.1	45.7	75.1	943
191411	Plastic rainwater gutters and accessories	32,447	88.4	11.6	82.3	96.4	3236
191419	Miscellaneous plastic profile extrusions	162,409	32.5	67.5	20.3	42.9	250

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
191511	Fabrication of plastic plates, bars and rods, pipes and tubes, pipe fittings and profile extrusions (cutting, fitting, painting, evaporation and plating, buffing, etc.)	85,968	6.3	93.7	7.5	18.7	67
192111	Flexible plastic film for packaging, less than 0.2 mm thickness	810,388	50.3	49.7	17.5	39.1	204
192112	Miscellaneous flexible plastic film, less than 0.2 mm thickness	166,760	75.2	24.8	42.6	69.8	841
192113	Rigid plastic film, less than 0.5 mm thickness	102,340	79.0	21.0	40.0	80.2	874
192211	Flexible plastic sheets, 0.2 mm or more thickness	170,860	28.8	71.2	19.4	40.9	260
192311	Plastic tile	30,934	38.7	61.3	64.9	96.7	1850
192319	Miscellaneous plastic floor coverings	35,160	42.8	57.2	40.0	83.7	919
192411	Synthetic leathers	85,239	75.3	24.7	54.1	84.9	1289
192511	Fabrication of plastic film, sheets, floor coverings and synthetic leathers (cutting, jointing, painting, evaporation and plating, buffing, etc.)	692,920	29.5	70.5	14.7	29.7	137
193111	Plastic products for automobiles	1,208,396	34.1	65.9	14.5	27.6	129
193112	Plastic products for transportation equipment, except for automobiles	32,916	14.7	85.3	28.7	51.5	416
193113	Plastic products for electrical machinery and apparatus	777,490	26.9	73.1	12.1	19.7	90
193119	Miscellaneous industrial plastic products	718,044	33.5	66.5	22.6	35.0	250
193211	Fabrication of industrial plastic products (cutting, fitting, painting, evaporation and plating, buffing, etc.)	235,143	18.1	81.9	18.3	30.3	182
194111	Foamed plastic products, flexible and semi-rigid	364,606	33.9	66.1	15.6	32.9	169
194211	Rigid foamed plastic plates, 3 mm or more thickness	99,583	34.6	65.4	24.5	49.1	346
194212	Rigid foamed plastic sheets, less than 3 mm thickness	20,223	47.1	52.9	51.5	93.3	1397
194219	Miscellaneous foamed plastic products, rigid	49,426	26.8	73.2	24.7	51.9	400
194311	Reinforced plastic plates, bars and rods, pipes and tubes and pipe fittings	55,111	35.9	64.1	33.9	64.6	578
194411	Reinforced containers, bathtubs and sewage purifiers	164,193	36.2	63.8	17.6	39.4	223
194412	Industrial reinforced plastic products	16,246	-	100.0	44.3	60.9	1157
194419	Miscellaneous reinforced plastic products	32,926	0.6	99.4	28.7	51.5	448
194511	Fabrication of foamed and reinforced plastic products (cutting, fitting, painting, evaporation and plating, buffing, etc.)	141,565	15.9	84.1	17.5	34.4	203
195111	Compounding plastic materials	398,359	29.9	70.1	17.3	38.3	215
195112	Compounding reclaimed plastic materials	47,613	0.5	99.5	15.0	30.5	157
195211	Reclaimed plastic products	11,270	0.1	99.9	13.3	35.2	198
199111	Daily household articles, kitchenware, tableware and bath articles	422,034	18.5	81.5	14.3	29.5	134
199211	Plastic hollow containers	366,271	38.0	62.0	31.6	47.4	504
199212	Plastic bottles for drinking water	226,691	89.0	11.0	82.0	94.1	3031
199219	Miscellaneous plastic containers	477,668	29.3	70.7	26.1	38.7	275
199711	Medical and sanitary plastic products	52,835	6.8	93.2	18.0	45.0	287
199719	Plastic products, n.e.c.	486,160	45.8	54.2	33.2	43.4	686
199819	Fabrication of finished plastic products, n.e.c. (cutting, fitting, painting, evaporation and plating, buffing, etc.)	143,666	10.3	89.7	17.7	30.9	189
201111	Tires for trucks and buses	208,339	100.0	-	90.0	100.0	4315
201112	Tires for small trucks	123,510	100.0	-	80.1	100.0	3229
201113	Tires for passenger car	460,226	100.0	-	83.6	100.0	2713
201114	Tires for motorcycles	15,586	99.5	0.5	99.5	100.0	4975
201115	Tires for special vehicles and aircraft	86,712	84.9	15.1	86.2	99.1	5159
201116	Tubes for automobiles, special vehicles and aircraft	13,472	54.4	45.6	58.3	99.8	1519
201211	Tires and tubes for bicycles	1,831	-	100.0	100.0	100.0	5235
201219	Miscellaneous tires and tubes	4,982	52.6	47.4	82.6	98.4	3339
202111	Rubber-soled spilt-toed shoes	394	5.6	94.4	75.6	100.0	2216

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
202112	Rubber-soled cloth shoes	20,434	42.0	58.0	66.7	92.2	1674
202113	Whole rubber shoes	7,694	-	100.0	56.3	92.5	1394
202114	Rubber sandals and slippers, including ones made of sponge	1,022	-	100.0	88.9	100.0	3164
202115	Rubber findings for footwear	15,541	-	100.0	17.6	36.1	234
202211	Plastic shoes	58,629	28.1	71.9	27.6	50.3	379
202212	Plastic sandals	11,944	-	100.0	21.1	48.3	325
202213	Plastic slippers	1,683	-	100.0	31.2	64.0	618
202219	Miscellaneous footwear and its findings	9,029	-	100.0	29.3	56.4	482
203111	Conveyer rubber belts	22,314	92.1	7.9	74.6	100.0	2228
203112	Flat rubber belts	11,106	97.8	2.2	99.5	100.0	9174
203113	V belts including fan belts	20,457	98.1	1.9	100.0	100.0	4875
203119	Miscellaneous rubber belts	44,146	79.9	20.1	75.9	93.8	3082
203211	Rubber hoses	128,943	64.7	35.3	47.7	74.2	1049
203311	Vibration-proof rubber	247,445	61.6	38.4	43.0	69.2	1095
203312	Rubber roll	86,997	30.4	69.6	31.9	63.2	526
203313	Rubber packing	288,174	22.6	77.4	17.1	29.1	190
203314	Rubber pipes and tubes	14,174	65.2	34.8	57.2	86.7	1321
203315	Rubber lining	12,070	29.8	70.2	30.6	58.0	497
203316	Mechanical rubber plates	15,774	23.5	76.5	48.0	82.2	1123
203317	Fenders	11,392	76.7	23.3	69.2	98.7	2124
203318	Mechanical sponge products	44,757	28.6	71.4	39.6	64.4	933
203329	Miscellaneous mechanical rubber products	543,845	45.7	54.3	19.8	33.3	290
209111	Rubber coated fabric for clothing and sundry goods	915	9.8	90.2	85.5	100.0	3329
209119	Miscellaneous rubber coated fabric and its products	7,216	30.2	69.8	67.9	95.5	1737
209121	Rubber coated fabric products	12,289	18.6	81.4	69.6	98.7	2537
209211	Medical and sanitary rubber products	39,241	39.1	60.9	48.3	78.9	1058
209311	Rubber sheet for retreated tires	5,132	91.1	8.9	86.8	100.0	3739
209319	Miscellaneous rubber sheet	64,051	8.0	92.0	31.9	57.6	586
209411	Retreated tires	14,855	-	100.0	46.4	78.3	914
209511	Reclaimed rubber	3,257	0.1	99.9	74.1	95.5	1953
209911	Rubber gloves	6,702	-	100.0	57.4	93.5	1436
209919	Miscellaneous rubber gloves	108,922	25.4	74.6	24.4	44.9	303
211111	Adult cow instep straps	42,240	-	100.0	34.7	52.3	637
211112	Small and medium sized cow instep straps	10,412	-	100.0	49.3	92.5	1125
211113	Cow sole leather, including chrome sole leather	153	-	100.0	100.0	100.0	3916
211114	Cow case leather, including chary leather	2,443	-	100.0	75.0	100.0	2849
211119	Miscellaneous cow leather	6,857	-	100.0	44.0	76.1	943
211121	Horse leather	2,303	-	100.0	58.5	97.3	1432
211122	Pig leather	4,907	-	100.0	28.2	59.6	507
211123	Goat and sheep leather	2,892	-	100.0	46.2	98.4	1177
211129	Miscellaneous leather	2,539	-	100.0	42.1	81.4	885
212111	Mechanical leather products	18,444	-	100.0	70.5	95.9	2085
213111	Cut stock and findings for boots and shoes	17,201	-	100.0	19.1	38.4	259
214111	Men's leather footwear, 23 cm or more length	51,609	4.8	95.2	15.7	39.3	234
214112	Women's and children's leather footwear	130,930	0.5	99.5	10.3	21.5	99
214113	Sport footwear	11,082	-	100.0	57.5	77.3	1667
214114	Work shoes	15,408	-	100.0	55.6	97.1	1405
214119	Miscellaneous leather shoes	7,861	93.4	6.6	97.4	100.0	8734

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
214129	Miscellaneous leather footwear	3,511	-	100.0	35.4	69.5	663
215111	Leather gloves and mittens for clothes, including synthetic leather ones	5,485	-	100.0	68.6	96.9	1831
215112	Leather gloves and mittens for work, including synthetic leather ones	1,607	-	100.0	52.8	85.9	1471
215113	Leather gloves and mittens for sport, including synthetic leather ones	5,717	3.0	97.0	45.8	80.3	967
216111	Leather travel luggage	1,183	-	100.0	51.1	88.8	1120
216112	Leather brief cases, school bags and knapsacks	16,594	-	100.0	45.9	73.8	1176
216113	Leather cases	1,357	-	100.0	38.6	84.2	871
216119	Miscellaneous leather luggage	3,992	-	100.0	37.1	71.0	763
216121	Plastic luggage	5,596	-	100.0	64.1	81.7	3132
216122	Synthetic leather cases	8,983	-	100.0	53.5	82.4	1280
216129	Miscellaneous luggage	26,466	-	100.0	18.4	40.6	239
217111	Small leather cases	52,662	-	100.0	10.6	23.8	110
217211	Leather handbags	39,504	-	100.0	17.2	29.7	213
217212	Plastic handbags	500	-	100.0	100.0	100.0	4882
217219	Miscellaneous handbags	8,323	-	100.0	22.3	45.2	319
218111	Fur skins, prepared and unfinished	X	-	X	100.0	100.0	8612
219911	Leather belts for clothes	8,359	-	100.0	31.6	52.5	487
219919	Miscellaneous leather products	X	-	X	34.9	61.3	668
221111	Sheet glass	2,507	100.0	-	100.0	100.0	9926
221112	Special plate glass	8,342	100.0	-	100.0	100.0	3474
221113	Polished plate glass	111,642	100.0	-	100.0	100.0	3597
221119	Miscellaneous plate glass in integral production	169,784	100.0	-	79.6	100.0	2551
221211	Laminated glass	85,789	76.4	23.6	79.2	94.0	3882
221212	Reinforced glass	86,468	59.3	40.7	60.9	80.8	1667
221219	Miscellaneous flat glass	94,296	25.1	74.9	23.0	45.1	330
221221	Mirrors	13,716	7.4	92.6	36.3	68.8	670
221311	Optical glass materials, including ones for glasses	45,102	86.7	13.3	72.9	99.8	2111
221312	Glass bulbs for electric lamps, including tubes and bars	19,982	71.9	28.1	81.0	97.4	2820
221313	Glass bulbs for electron tubes, including tubes and bars	148,710	96.8	3.2	98.8	100.0	5392
221314	Glass tubes, bars and bulbs, except for electrical	2,308	92.3	7.7	99.3	100.0	8552
221319	Miscellaneous glass processing materials	84,757	82.5	17.5	79.0	90.7	4982
221411	Glass containers for drinks	103,488	79.3	20.7	71.7	96.9	2221
221412	Glass containers for food and seasoning	32,888	75.2	24.8	69.4	98.5	2101
221419	Miscellaneous glass containers	22,168	7.3	92.7	57.0	92.5	1529
221511	Scientific glass instruments	24,529	37.6	62.4	46.5	74.2	1224
221512	Ampoules	7,886	-	100.0	46.2	87.6	1013
221513	Medicine bottles	15,010	13.1	86.9	43.3	78.4	864
221611	Glass tableware	10,382	15.4	84.6	77.3	92.0	3056
221612	Glass kitchenware and tableware	28,792	57.8	42.2	57.6	88.0	1476
221711	Glass fiber (tow) and its products	77,114	19.1	80.9	54.2	85.0	1263
221712	Glass fiber (line) and its products	156,365	59.8	40.2	42.5	75.7	864
221713	Optical fiber strands	29,389	89.3	10.7	89.3	100.0	2946
221911	Glass internal bottles for thermoses	2,711	-	100.0	98.5	100.0	3356
221912	Products for lighting and signal	10,406	1.3	98.7	53.1	78.5	1540
221919	Miscellaneous glass and its products	237,624	67.7	32.3	38.3	69.2	710
222111	Portland cement	333,372	82.7	17.3	55.9	89.8	1566

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
222112	Cement clinker	24,314	100.0	-	100.0	100.0	4705
222119	Miscellaneous hydraulic cement	80,387	59.8	40.2	48.8	79.3	1216
222211	Fresh concrete	1,561,561	0.0	100.0	2.5	4.8	9
222311	Centrifugal ferrous-concrete pipes (Hume pipes)	48,196	17.0	83.0	22.5	46.6	321
222312	Centrifugal ferrous-concrete poles	30,163	30.5	69.5	55.7	91.5	1377
222313	Centrifugal ferrous-concrete piles	85,493	18.1	81.9	21.4	52.5	366
222314	Normal concrete	6,730	-	100.0	25.6	49.5	420
222315	Hollow concrete blocks	45,735	-	100.0	32.5	54.7	485
222316	Concrete blocks for construction	158,563	14.3	85.7	15.2	25.8	165
222317	Concrete products for roads	324,703	5.0	95.0	4.9	12.7	37
222318	Prestressed concrete products	61,651	17.0	83.0	27.9	58.2	471
222319	Miscellaneous concrete products	233,228	9.6	90.4	11.8	23.2	108
222321	Terrazzo products	3,078	-	100.0	43.8	75.9	874
222322	Prefabricated concrete housing	17,437	7.2	92.8	43.5	88.7	992
222911	Asbestos cement plates	50,024	57.5	42.5	47.0	87.5	1096
222912	Corrugated asbestos cement slates	6,945	14.5	85.5	55.9	95.1	1316
222919	Miscellaneous asbestos cement products	26,427	37.5	62.5	78.8	99.9	2283
222921	Pressed cement roofing tile	16,368	0.0	100.0	53.5	71.5	1041
222922	Lumber cement products, including pulp cement flat sheets and cement chip boards	71,300	78.7	21.3	87.9	95.9	5786
222923	Cellular concrete products	64,815	91.8	8.2	90.2	99.1	2943
222929	Miscellaneous cement products	154,029	63.4	36.6	38.0	63.7	662
223111	Smoked roofing tile	29,335	-	100.0	15.1	34.9	192
223112	Glazed and salt-glazed roofing tile	71,457	18.5	81.5	29.7	51.4	532
223211	Building brick	6,112	15.0	85.0	25.7	67.4	553
223311	Clay pipes, including drainpipes	3,892	-	100.0	56.3	85.0	1317
223919	Miscellaneous structural clay products	6,075	4.4	95.6	23.6	49.2	353
224111	Sanitary pottery, including accessories	122,451	89.3	10.7	91.3	99.5	3924
224211	Japanese-style ceramic tableware	68,883	0.4	99.6	11.7	18.6	77
224212	Western-style ceramic tableware	42,814	37.7	62.3	37.7	68.2	728
224213	Ceramic kitchenware	4,533	-	100.0	31.7	56.6	520
224311	Pottery ornaments	16,096	-	100.0	9.8	23.2	92
224411	Insulators and insulating tubes	44,727	62.8	37.2	75.3	88.5	3885
224412	Special porcelain electrical supplies	5,329	4.0	96.0	45.6	88.1	1136
224413	Fine ceramic IC boards and fine ceramic IC packages, sintered and unmachined	152,047	92.4	7.6	85.9	98.9	4138
224419	Miscellaneous porcelain electrical supplies	30,857	46.2	53.8	48.9	84.6	1117
224511	Scientific and industrial ceramic products	35,675	85.3	14.7	97.9	99.8	7375
224512	Scientific and industrial fine ceramics, sintered and unmachined	34,839	50.4	49.6	46.1	75.2	947
224611	Mosaic tile	23,983	-	100.0	29.3	67.0	591
224612	Interior tile	17,719	62.9	37.1	81.3	98.7	4052
224619	Miscellaneous tile	70,814	32.3	67.7	41.4	62.6	1093
224711	Decorated pottery products	4,089	-	100.0	37.1	63.2	728
224811	Preparing pottery clay	20,935	-	100.0	25.6	49.4	374
224919	Miscellaneous pottery products	10,729	3.3	96.7	15.9	38.2	208
225111	Clay fire bricks	36,942	63.7	36.3	60.4	89.4	1888
225119	Miscellaneous fire bricks	61,618	44.1	55.9	31.9	78.1	706
225211	Refractory mortars	4,059	29.5	70.5	38.4	75.7	771
225212	Castable refractories	25,794	20.1	79.9	41.1	80.8	845

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
225219	Miscellaneous unshaped refractorie	35,800	45.8	54.2	52.9	80.2	1248
225911	Artificial refractories	26,263	42.9	57.1	45.9	85.6	1072
225919	Miscellaneous clay refractories, including clay crucibles	29,052	22.0	78.0	34.2	64.5	653
226111	Artificial graphite electrodes	42,247	84.8	15.2	84.8	100.0	2774
226119	Miscellaneous carbonaceous electrodes	10,882	17.0	83.0	93.1	98.6	5337
226211	Carbon fiber	37,504	93.8	6.2	90.2	100.0	2840
226911	Carbon rods	3,115	75.6	24.4	99.2	100.0	6177
226912	Carbon and graphite brushes	33,744	51.2	48.8	71.5	97.4	2632
226913	Special carbon products	37,191	71.1	28.9	65.2	89.7	1749
226919	Miscellaneous carbon and graphite products	48,739	29.2	70.8	28.2	65.0	534
227111	Natural abrasive grains and artificial abrasives	53,426	51.9	48.1	53.8	85.9	1434
227211	Vitrified grinding wheels, including silicate grinding stones	14,191	31.0	69.0	46.7	81.8	1301
227212	Resinoid grinding wheels	27,600	13.1	86.9	35.0	76.7	716
227219	Miscellaneous grinding wheels	19,357	43.4	56.6	59.3	82.9	2129
227311	Abrasive cloth and paper	34,930	19.5	80.5	58.8	92.2	1459
227919	Miscellaneous abrasive products	25,589	5.4	94.6	37.4	66.8	774
228111	Crushed stones	285,887	0.3	99.7	4.7	10.5	34
228211	Artificial aggregate	16,916	35.9	64.1	50.5	81.4	1155
228311	Cut-stones and stoneware products	171,081	-	100.0	6.3	12.7	37
228411	Diatomaceous earth and its products	8,667	6.1	93.9	45.0	77.8	921
228511	Minerals and stones crushed or otherwise treated	124,266	7.1	92.9	11.9	28.5	136
229111	Enameled iron kitchenware and tableware	1,503	-	100.0	93.3	100.0	3773
229112	Enameled sanitary products	3,128	24.2	75.8	76.8	100.0	2294
229119	Miscellaneous enameled ironware	18,822	49.5	50.5	77.5	93.9	3052
229211	Cloisonne	1,228	-	100.0	38.2	74.3	786
229311	Artificial jewelry, including synthetic jewelry, imitation jewelry, artificial pearls and artificial crystal	4,073	47.0	53.0	72.0	98.8	2385
229411	Rock wool, slag wool and its products	34,926	58.8	41.2	64.6	95.7	1952
229511	Asbestos brake lining	5,776	19.5	80.5	85.5	99.7	3010
229519	Miscellaneous asbestos products	11,472	18.1	81.9	30.4	59.4	496
229611	Calcined gypsum	7,865	25.5	74.5	51.7	93.4	1206
229612	Gypsum board and its products	91,544	46.4	53.6	74.1	95.2	2771
229613	Gypsum plaster products	3,789	1.4	98.6	89.0	100.0	3320
229619	Miscellaneous gypsum products	6,026	9.0	91.0	39.8	62.2	751
229711	Raw lime	65,951	13.6	86.4	28.0	58.5	484
229712	Hydrated lime	19,273	6.2	93.8	22.6	50.2	356
229713	Precipitated calcium carbonate	14,456	2.3	97.7	72.4	94.5	1941
229719	Miscellaneous lime products	28,373	12.2	87.8	33.2	66.3	606
229811	Molds, including cores	26,764	-	100.0	11.2	28.0	130
229911	Glaze	19,412	13.0	87.0	29.6	55.7	464
229912	Mica plate	8,566	34.4	65.6	71.9	100.0	2160
229919	Miscellaneous ceramic, stone and clay products	143,062	18.1	81.9	15.6	31.4	161
231111	Pig iron and steel, manufactured by blast furnaces and rolling facilities	71,125	54.0	46.0	83.5	100.0	3016
231112	Pig iron and steel, manufactured by blast furnaces, without rolling facilities	12,006	100.0	-	100.0	100.0	5180
231113	Common crude steel	10,078	3.8	96.2	95.2	100.0	4103
231114	Semi-finished common steel products	217,435	91.5	8.5	70.4	96.0	2215
231115	Outer rings, bearing rings and its products	45,876	100.0	-	84.6	100.0	3051
231116	Shape steel, including steel sheet piles, rim and ring covers and sash bars	349,603	92.9	7.1	46.0	92.6	1105
231117	Steel pipe materials	12,742	100.0	-	100.0	100.0	3770
231118	Small bar steel	347,300	34.2	65.8	22.6	50.6	437
231121	Large and medium bar steel	53,758	62.2	37.8	61.7	96.2	1993

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
231122	Wire rods and bars in coil	130,749	98.6	1.4	68.6	99.6	2004
231123	Medium thick sheet, 3 mm or more thickness	413,810	99.2	0.8	67.2	100.0	1842
231124	Sheet steel, less than 3 mm thickness, including chrome sheets and electrical steel sheets	45,884	98.0	2.0	98.6	100.0	6546
231125	Steel strips	775,311	100.0	-	68.1	100.0	2095
231126	Cold finished common steel	66,812	37.3	62.7	54.7	81.1	1694
231127	Cold rolled common steel sheets, including cold rolled chrome sheets and regenerated steel sheets	81,362	99.2	0.8	80.8	99.7	2802
231128	Cold rolled common electric steel strips	125,403	100.0	-	100.0	100.0	4574
231131	Cold rolled common wide steel loop in coil, less than 600-mm width	306,740	100.0	-	86.6	100.0	2618
231132	Cold finished common steel loops in coil, less than 600-mm width	10,733	60.8	39.2	82.4	100.0	2752
231133	Cold rolling formed shape steel	60,311	56.6	43.4	66.3	94.5	2023
231134	Common steel wires	96,382	13.3	86.7	26.7	54.3	434
231135	Hot drawn common steel pipes, except bending rolled steel pipes	295,755	68.2	31.8	47.0	81.9	1038
231136	Cold drawn common steel pipes, including regenerated drawn steel pipes	92,414	31.8	68.2	37.0	63.7	705
231137	Galvanized common steel pipes	22,548	31.9	68.1	79.1	100.0	2564
231138	Special crude steel	20,557	25.8	74.2	96.8	100.0	5833
231141	Semi-finished special steel products	85,941	100.0	0.0	83.3	99.4	4176
231142	Tool steel	45,430	95.1	4.9	81.9	98.3	3358
231143	Structural steel	328,067	96.6	3.4	45.6	91.7	1125
231144	Steel for special purposes	674,369	97.9	2.1	52.2	86.8	1340
231145	Cold finished special bar steel, including drill rods	106,562	29.2	70.8	33.6	66.5	637
231146	Cold-rolled special steel sheets	92,743	87.4	12.6	76.3	98.0	3678
231147	Cold-rolled special wide steel loops in coil, 600 mm or more width	280,838	87.6	12.4	60.2	91.8	1732
231148	Cold finished special steel loops in coil, less than 600-mm width	115,615	85.0	15.0	61.2	97.7	1699
231151	Special steel wires	137,711	65.9	34.1	40.5	83.9	921
231152	Hot-drawn special pipes, except bending-rolled special pipes	218,133	94.0	6.0	86.1	108.9	2856
231153	Cold-drawn special steel	82,477	74.9	25.1	60.2	93.3	1806
231154	Mis roll, common and special steel	3,862	100.0	0.0	94.8	100.0	3614
231159	Miscellaneous steel materials	12,901	86.9	13.1	82.0	98.2	3545
231168	Iron scrap	38,152	65.1	34.9	43.6	55.9	890
231211	Pig iron and steel, with electric furnaces, small blast furnaces and regenerating furnaces, including crude iron, pure iron and basic metal	X	X	-	100.0	100.0	10000
231311	Ferro-manganese	24,370	35.8	64.2	99.8	100.0	3861
231312	Silico-manganese	2,165	29.3	70.7	100.0	100.0	5779
231313	Ferro-chrome	8,204	8.1	91.9	100.0	100.0	4821
231319	Miscellaneous ferro-alloys	146,571	89.8	10.2	88.5	99.6	4042
231321	Quasi-ferroalloy products	2,990	20.8	79.2	96.3	100.0	5357
234111	Galvanized steel sheets, including galvanized steel loops	782,037	91.0	9.0	50.9	89.3	1264
234911	Tin plates	96,470	95.4	4.6	80.8	100.0	2982
234912	Tin-free steel	83,972	98.6	1.4	89.7	100.0	2947
234913	Wire	14,839	60.8	39.2	74.5	100.0	3916
234914	Galvanized hard steel wire, including miscellaneous galvanized iron and steel wire	13,789	6.9	93.1	39.2	95.2	992
234919	Miscellaneous coated steel	113,743	90.1	9.9	64.6	93.5	1964
235111	Iron castings for machinery	424,261	37.7	62.3	23.6	38.2	339
235119	Miscellaneous iron castings	87,667	2.6	97.4	30.4	48.4	475
235211	Malleable iron castings for machinery	36,580	39.5	60.5	58.4	94.8	1450
235212	Malleable iron-cast pipe joints, including flanges	60,456	69.7	30.3	80.4	96.6	3003
235219	Miscellaneous malleable iron castings	5,252	59.3	40.7	89.3	100.0	4029

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
235311	Common steel castings (unmachined), including steel-cast pipes	57,238	41.5	58.5	31.5	56.2	491
235312	Special steel castings (unmachined), including steel-cast pipes	74,347	40.2	59.8	28.7	56.6	458
235411	Secondary forgings	359,078	25.2	74.8	21.8	37.5	329
235511	Common steel forgings (unmachined)	11,157	67.9	32.1	80.5	100.0	3433
235512	Special steel forgings (unmachined)	83,630	91.0	9.0	69.4	95.7	2877
239111	Iron and steel cut products, including iron and steel cast products	1,239,272	0.9	99.1	9.6	18.6	74
239211	Iron and steel prepared products	311,739	5.0	95.0	12.6	27.5	118
239311	Cast iron pipes	142,813	66.3	33.7	72.6	88.2	2867
239911	Iron powder and pure iron powder	28,271	66.1	33.9	54.1	97.2	1346
239919	Iron and steel products, n.e.c.	X	50.3	49.7	24.1	55.7	403
241111	Crude copper	136,663	100.0	-	100.0	100.0	4724
241112	Electrolytic copper and straight copper, including steel billet and cake	197,138	99.7	0.3	99.0	100.0	3727
241211	Pig zinc	29,844	93.1	6.9	100.0	100.0	4410
241311	Alumina (aluminum oxide)	21,862	83.1	16.9	83.1	100.0	2685
241312	Aluminum hydroxide	15,166	97.9	2.1	97.9	100.0	3389
241313	Pig aluminum	X	X	-	100.0	100.0	5307
241911	Pig lead	16,333	86.7	13.3	79.7	100.0	2927
241912	Pig gold	157,087	99.4	0.6	85.9	100.0	2690
241913	Pig silver	25,959	96.9	3.1	63.6	100.0	1846
241914	Tungsten	X	X	X	100.0	100.0	5728
241929	Miscellaneous non-ferrous metals by primary smelting and refining	199,690	80.2	19.8	53.6	84.1	1632
242111	Regenerated pig lead, including type metal	8,884	3.3	96.7	52.2	86.2	1139
242112	Solder and antifriction alloys	39,779	44.2	55.8	58.5	82.3	2053
242211	Regenerated pig zinc and zinc alloys	9,364	1.3	98.7	39.4	76.6	774
242311	Regenerated pig aluminum and aluminum alloys	418,343	12.0	88.0	27.8	53.5	407
242911	Regenerated pig gold and gold alloys	21,573	19.7	80.3	48.6	93.3	1204
242912	Regenerated pig silver and silver alloys	7,728	3.8	96.2	44.0	78.6	919
242913	Regenerated pig copper and copper alloys	28,601	1.9	98.1	65.2	93.2	1696
242919	Miscellaneous regenerated non-ferrous pig metals and non-ferrous alloys	82,358	12.4	87.6	58.5	84.3	1404
243111	Rolled and drawn copper products	206,315	83.5	16.5	49.1	84.4	1079
243112	Rolled and drawn brass products	110,699	41.8	58.2	30.9	66.1	576
243113	Rolled and drawn bronze products	33,918	50.7	49.3	72.9	97.8	2278
243119	Miscellaneous rolled and drawn copper products, including rolled and drawn nickel silver products	60,950	73.6	26.4	54.7	87.4	1294
243211	Rolled aluminum products	608,427	80.1	19.9	50.7	94.9	1286
243212	Extruded aluminum products	282,907	72.9	27.1	35.5	70.9	665
243213	Aluminum foil	87,877	53.4	46.6	45.2	98.1	1219
243911	Lead pipes and sheets	2,332	0.8	99.2	43.0	95.9	1118
243912	Rolled zinc and zinc alloy materials, including zinc sheets and zinc alloy sheets	3,062	57.5	42.5	89.2	100.0	4064
243913	Rolled gold and gold alloy materials	52,013	24.1	75.9	76.0	99.5	2412
243914	Rolled silver and silver alloy materials	10,846	13.5	86.5	63.9	100.0	1962
243915	Rolled platinum and platinum alloy materials	24,931	20.0	80.0	81.4	100.0	2754
243916	Rolled nickel and nickel alloy materials	43,038	83.5	16.5	81.3	99.3	2662
243919	Miscellaneous rolled non-ferrous metal and alloy materials	74,004	66.5	33.5	37.4	72.1	696
244111	Copper rough drawing wire	58,027	100.0	-	96.9	100.0	3636
244112	Copper bare wire	127,815	63.3	36.7	40.0	79.1	849
244113	Copper-clad wire	357,942	47.6	52.4	26.3	50.4	396
244114	Winding	121,273	72.3	27.7	50.7	84.9	1144
244115	Power cable	185,628	65.0	35.0	41.2	75.8	901
244116	Telecommunication cable	173,911	71.0	29.0	55.2	75.3	1566

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
244117	Aluminum rough drawing wire	10,276	-	100.0	79.8	100.0	2570
244118	Aluminum wire, except aluminum rough drawing wire	28,760	36.8	63.2	53.0	92.7	1314
244211	Optical fiber cord, including core wire	9,430	52.3	47.7	84.9	100.0	2685
244212	Optical fiber cable, including composite cable	182,884	93.1	6.9	70.3	92.2	2121
245111	Copper and copper-base alloy castings	67,462	14.2	85.8	34.9	52.7	525
245211	Aluminum and aluminum alloy castings	170,270	27.7	72.3	26.7	45.4	351
245219	Miscellaneous non-ferrous metal castings (piecework)	35,878	25.8	74.2	49.5	80.1	1122
245311	Aluminum and aluminum alloy die castings	391,514	41.1	58.9	29.2	47.9	465
245411	Zinc die castings	38,611	12.2	87.8	17.6	35.1	220
245419	Miscellaneous non-ferrous metal die castings	22,837	21.7	78.3	50.4	82.1	1132
245511	Non-ferrous metal forgings	43,708	27.6	72.4	31.8	63.3	604
249911	Copper and copper alloy powder	11,908	52.8	47.2	59.8	93.0	1827
249912	Aluminum and aluminum alloy powder	20,644	59.6	40.4	76.8	93.7	3714
249919	Miscellaneous non-ferrous metal and alloy powder	79,736	24.2	75.8	50.6	85.8	1191
249921	Crude products of copper, lead, zinc, nickel, tin, etc.	56,391	65.1	34.9	57.8	86.8	1957
249929	Miscellaneous non-ferrous metal products	129,749	72.1	27.9	39.4	75.1	893
249931	Non-ferrous metal scrap	48,258	38.0	62.0	20.9	37.2	229
251111	18-liter cans	62,363	1.9	98.1	26.0	54.2	457
251112	Food cans	318,181	88.5	11.5	88.5	97.8	4144
251119	Miscellaneous plated sheet containers	95,538	23.1	76.9	23.3	42.0	340
251129	Miscellaneous plated sheet products	8,518	-	100.0	34.5	68.3	735
252111	Table knives, forks and spoons, including plated sheet products	11,766	-	100.0	24.8	54.9	396
252119	Miscellaneous tableware (occidental-type)	4,595	-	100.0	29.7	69.1	569
252211	Edge tools for shearing steel sheets	5,410	11.7	88.3	36.3	73.5	722
252212	Edge tools for plywood and wood working machines	28,111	55.6	44.4	70.7	84.0	2845
252219	Miscellaneous edge tools for machinery	42,289	5.1	94.9	22.6	44.0	285
252311	Hairdressing scissors	18,780	-	100.0	64.4	85.7	1860
252312	Cooking knives	11,411	-	100.0	24.9	52.1	378
252313	Knives	5,294	-	100.0	51.9	77.9	1130
252314	Scissors	15,550	-	100.0	23.2	50.9	368
252315	Artisan's tools	5,050	-	100.0	45.0	66.5	924
252316	Peckers, hammers, shovels, scoops and bars, including ones for gardening	6,302	-	100.0	50.2	79.1	1135
252319	Miscellaneous edge tools, artisans' tools and hand tools	10,902	-	100.0	34.4	59.8	559
252411	Work tools	55,944	12.9	87.1	23.5	45.8	349
252511	Files	1,770	-	100.0	27.2	64.3	541
252611	Hand saws	11,237	-	100.0	49.3	82.3	1137
252612	Metal saw blades	11,991	14.6	85.4	81.4	97.2	3080
252619	Miscellaneous saw blades	9,422	5.2	94.8	33.0	69.1	677
252711	Agricultural machinery	8,646	-	100.0	23.0	41.3	316
252712	Agricultural part tools	8,485	-	100.0	28.6	53.1	431
252911	Locks and keys	74,189	39.3	60.7	50.8	68.1	1433
252912	Construction hardware	184,933	6.9	93.1	11.2	24.5	106
252913	Stringing hardware	93,791	13.4	86.6	26.8	50.9	393
252919	Miscellaneous hardware	62,677	5.3	94.7	16.1	32.1	165
253111	Metal tube fittings	171,033	0.5	99.5	9.1	25.2	120
253112	Metal sanitary ware	43,666	50.9	49.1	55.8	73.2	2407
253113	Plumbing accessories	96,839	35.0	65.0	43.8	62.2	1040
253211	Gas ovens	60,562	70.4	29.6	71.5	97.0	3314
253212	Gas bath furnaces, including ones with burners	72,860	87.3	12.7	79.9	98.2	2625
253213	Gas water boilers	108,474	77.7	22.3	73.8	99.2	2316
253214	Gas rice cookers	7,605	-	100.0	88.2	100.0	3048
253219	Miscellaneous gas appliances, except hot air type heaters	78,260	55.6	44.4	54.9	76.5	1539
253221	Oil stoves	88,576	72.9	27.1	55.7	96.1	1474

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
253229	Miscellaneous oil appliances	78,932	67.7	32.3	60.7	90.5	1399
253231	Parts and accessories of gas and oil appliances	220,191	34.2	65.8	27.6	47.0	357
253311	Hot air heating systems of heat exchanger type	10,237	30.5	69.5	57.7	89.3	1487
253312	Water boilers	17,482	39.4	60.6	41.0	81.3	916
253313	Radiators and unit heaters	10,253	0.2	99.8	41.6	83.1	925
253911	Heating and cooking apparatus	13,996	-	100.0	62.1	83.8	1477
253912	Solar systems	8,348	30.0	70.0	45.3	89.4	1053
253919	Miscellaneous parts of heating and cooking apparatus	12,445	-	100.0	28.6	53.5	529
254111	Steelworks	830,290	10.6	89.4	7.0	13.6	41
254112	Light weight steelworks	55,647	8.4	91.6	19.4	38.7	207
254113	Bridges	604,792	65.1	34.9	16.3	42.1	274
254114	Steel towers	50,661	39.5	60.5	32.1	72.6	649
254115	Flood gates	121,939	35.1	64.9	25.6	49.4	359
254119	Miscellaneous fabricated construction-use metal products	733,894	24.0	76.0	10.1	21.1	72
254211	Aluminum sashes for housing	439,419	75.1	24.9	58.7	75.6	1384
254212	Aluminum sashes for building	318,877	65.2	34.8	41.7	67.1	756
254219	Miscellaneous aluminum sashes	30,800	9.0	91.0	20.9	36.8	266
254221	Aluminum doors	61,646	66.1	33.9	61.4	82.0	2287
254222	Metal sashes and doors	210,667	18.1	81.9	18.2	32.0	204
254223	Shutters	83,123	64.3	35.7	63.7	83.8	1649
254224	Metal laths	9,734	-	100.0	56.0	89.7	1379
254225	Architectural sheet metal products	148,712	11.7	88.3	11.3	26.5	114
254226	Steel structural prefabricated housing	300,768	86.2	13.8	85.3	96.1	2642
254227	Unit houses	33,655	3.1	96.9	25.7	52.0	385
254229	Miscellaneous prefabricated architectural metal products	786,655	26.1	73.9	10.5	21.8	79
254311	Sheet metal tanks	87,324	3.6	96.4	13.8	26.9	132
254312	High pressure containers (bombs)	36,959	19.2	80.8	41.7	78.3	872
254313	Drum cans	43,932	1.3	98.7	60.7	89.6	1475
254314	Containers	19,737	11.0	89.0	55.9	78.5	1445
254319	Miscellaneous fabricated plate and sheet metal products	759,466	5.1	94.9	3.6	8.3	15
255111	Aluminum machinery parts, without machine finishing	47,203	1.9	98.1	19.4	41.1	258
255112	Aluminum kitchenware and tableware	25,919	-	100.0	28.6	58.9	483
255113	Aluminum beverage cans	268,801	92.5	7.5	76.5	100.0	2550
255119	Miscellaneous stamped and pressed aluminum and aluminum alloy products	122,444	57.2	42.8	39.8	63.2	845
255211	Stamped and pressed machinery parts, without machine finishing	680,216	7.2	92.8	6.6	12.8	39
255212	Bottle caps	12,883	14.2	85.8	30.8	72.1	618
255219	Miscellaneous stamped and pressed metal products	184,732	7.0	93.0	8.6	21.5	82
255311	Powder metallurgy products	221,292	64.4	35.6	38.7	66.1	718
256311	Engraved metal products	8,574	-	100.0	27.4	52.1	428
256511	Heat treated metals	35,581	39.9	60.1	43.5	70.8	966
256919	Miscellaneous treatment of metal surface	156,298	37.4	62.6	33.8	53.4	604
257111	Round iron nails	3,680	-	100.0	46.0	80.3	1011
257112	Special iron nails	22,760	18.0	82.0	43.9	83.0	961
257119	Miscellaneous nails	4,438	7.9	92.1	71.2	96.7	3398
257911	Iron wire gauze, including welded wire gauze and wire-cylinders	153,261	15.2	84.8	23.0	33.5	275
257912	Non-ferrous metal wire gauze	1,946	9.6	90.4	40.1	85.9	916
257913	Steel rope, including steel strand	84,810	53.7	46.3	49.9	71.6	929
257914	Steel strand for prestressed concrete	17,505	77.9	22.1	77.9	100.0	2443
257915	Welding rod	46,250	76.5	23.5	84.1	97.0	3533
257919	Miscellaneous fabricated wire products	143,019	23.4	76.6	21.2	41.9	273
258111	Bolts and nuts	518,846	15.5	84.5	16.5	30.8	172
258112	Rivets	24,024	12.1	87.9	33.0	54.7	477

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
258113	Washers	21,682	-	100.0	38.4	58.4	850
258114	Wood screws, machine screws and set screws	80,387	18.1	81.9	20.8	38.6	262
258119	Miscellaneous products related to bolts, nuts, etc.	97,413	14.8	85.2	14.9	32.5	170
259111	Safes	21,934	43.2	56.8	79.9	97.2	2790
259112	Parts, fittings and accessories of safes	847	0.3	99.7	60.0	85.5	1348
259211	Laminated springs	25,458	69.1	30.9	57.9	99.8	1607
259212	Helical springs	34,574	65.1	34.9	61.5	77.6	1325
259213	Wire springs	157,510	32.5	67.5	25.2	39.1	341
259214	Flat springs	92,632	42.1	57.9	32.3	56.0	542
259219	Miscellaneous springs	67,460	41.4	58.6	37.1	63.9	645
259911	Metal packing and gaskets, including ones combined with non-metal	132,361	45.2	54.8	54.0	76.4	1548
259912	Metallic nameplates	58,713	-	100.0	22.0	40.0	260
259913	Flexible tubes	24,216	3.7	96.3	31.4	61.9	542
259914	Metallic extruded tubes	15,565	52.3	47.7	68.6	98.2	2201
259915	Metallic foil, stamped	4,952	-	100.0	37.3	73.3	768
259919	Fabricated metal products, n.e.c.	152,980	6.3	93.7	9.7	22.7	97
261111	Smoke tube boilers	6,010	-	100.0	60.8	99.9	1667
261112	Water tube boilers	123,804	93.9	6.1	92.3	99.2	4148
261119	Miscellaneous boilers, except hot water boilers	40,291	87.2	12.8	88.3	98.1	6186
261121	Parts, fittings and accessories of boilers	176,432	83.6	16.4	81.3	88.6	4072
261211	Steam turbines	180,704	97.1	2.9	91.3	100.0	3308
261219	Miscellaneous turbines	120,994	97.3	2.7	79.9	97.4	2294
261221	Parts, fittings and accessories of steam engines, turbines and water wheels	320,464	95.6	4.4	91.5	96.6	5568
261311	General gasoline and oil engines, including general gas engines	131,788	94.1	5.9	72.8	97.0	2265
261312	General diesel engines	201,513	100.0	0.0	68.9	99.0	1923
261313	Parts, fittings and accessories of internal combustion engines	127,663	63.9	36.1	41.4	66.0	815
261911	Nuclear power reactors, and parts, fittings and accessories	388,161	98.5	1.5	89.4	99.0	3291
261919	Miscellaneous engines and turbines	18,051	97.3	2.7	98.1	100.0	8101
262111	Power cultivators, walking tractors, including walking tractors without engines and garden tractors	31,847	51.3	48.7	52.2	99.1	1293
262112	Agricultural tractors	235,403	91.0	9.0	79.0	100.0	3781
262119	Miscellaneous ground leveling equipment	24,518	1.9	98.1	57.2	85.2	1584
262121	Sprinklers and distributors	24,491	16.3	83.7	42.1	76.4	831
262122	Rice planting machines	43,027	62.2	37.8	81.7	100.0	3073
262129	Miscellaneous equipment for culture and control	92,565	32.2	67.8	23.5	58.6	434
262131	Agricultural dryers	35,827	15.9	84.1	54.2	95.0	1344
262132	Combined harvesters and threshers	104,971	98.0	2.0	81.2	100.0	2918
262139	Miscellaneous harvesters and threshers	70,191	29.4	70.6	36.2	68.8	695
262141	Feed equipment	9,607	-	100.0	39.6	68.7	754
262149	Miscellaneous agricultural machinery and equipment	25,931	5.8	94.2	25.8	56.6	455
262151	Parts, fittings and accessories of agricultural machinery and equipment	138,764	8.7	91.3	13.6	27.8	129
262152	Parts, fittings and accessories of agricultural tractors	61,872	13.3	86.7	49.3	69.7	1253
263111	Shovel excavators	459,762	94.9	5.1	66.7	95.7	1843
263112	Excavators, except shovel excavators	60,259	66.2	33.8	51.8	85.1	1254
263113	Construction cranes	74,816	59.5	40.5	75.6	98.7	2101
263114	Ground leveling machines	23,571	48.1	51.9	62.1	90.6	1586
263115	Asphalt paving machines	18,003	68.7	31.3	58.8	99.5	1711
263116	Concrete machines	33,574	30.3	69.7	37.3	75.0	752
263117	Machine for foundation work	16,235	18.9	81.1	51.9	80.2	1283
263118	Drills	10,947	34.1	65.9	68.7	94.8	2083
263121	Construction tractors	84,107	92.6	7.4	100.0	100.0	4367
263122	Shovel trucks	13,487	100.0	-	100.0	100.0	6074

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
263131	Rock drills	20,348	44.3	55.7	76.5	97.3	2367
263132	Crushers	37,073	46.4	53.6	46.4	71.3	981
263133	Mills and separators	9,188	42.2	57.8	40.0	76.2	811
263134	Auxiliary machinery of crushers, mills and separators	22,216	14.9	85.1	39.9	65.2	800
263139	Miscellaneous machinery and equipment for construction and mining	112,204	76.7	23.3	74.9	89.8	4279
263141	Parts, fittings and accessories of machinery and equipment for construction and mining	318,532	24.6	75.4	15.1	28.1	138
263142	Parts, fittings and accessories of construction tractors	46,469	74.8	25.2	74.8	91.8	2384
264111	Numerically controlled lathes	176,903	66.8	33.2	38.3	71.4	699
264119	Miscellaneous lathes	7,885	28.1	71.9	43.7	72.9	884
264121	Drilling machines	10,992	75.1	24.9	90.7	98.7	5542
264122	Boring machines	11,076	72.8	27.2	78.1	100.0	2410
264123	Milling machines	11,375	53.1	46.9	47.8	86.8	1095
264124	Grinding machines	77,726	51.4	48.6	30.2	57.8	492
264125	Gear cutting machines and gear finishing machines	15,005	60.4	39.6	73.5	99.2	2545
264126	Special purpose machines	170,733	49.8	50.2	29.2	48.4	411
264127	Machining centers	194,775	74.1	25.9	36.6	71.2	687
264129	Miscellaneous metal machine tools	243,654	42.9	57.1	27.3	50.8	369
264211	Rolling mills and auxiliary equipment	23,197	57.0	43.0	57.3	84.0	1912
264212	Washing and finishing devices	33,843	15.9	84.1	28.9	53.7	432
264213	Bending machines	19,485	6.1	93.9	24.9	59.1	447
264214	Hydraulic presses	22,527	32.2	67.8	45.3	84.1	1072
264215	Mechanical presses	95,604	72.6	27.4	45.4	74.0	1040
264216	Shearing machines	14,684	2.8	97.2	51.7	82.1	1301
264217	Forging machines	13,906	-	100.0	50.6	87.0	1125
264218	Wire forming machines	40,859	24.3	75.7	34.8	67.5	730
264221	Gas welding and melting machines	14,279	-	100.0	72.6	98.3	2037
264229	Miscellaneous metal working machinery	87,399	29.3	70.7	20.9	42.0	263
264311	Parts, fittings and accessories of metal working machines	363,211	19.7	80.3	8.0	19.1	58
264312	Rolls for metal rolling	40,210	65.6	34.4	47.9	75.1	1049
264313	Parts, fittings and accessories of machine tools	146,542	5.8	94.2	6.2	15.0	40
264411	Special steel cutting tools	104,647	54.6	45.4	42.7	62.2	744
264412	Carbide tools, except powdered and metallic carbide tools	159,561	50.0	50.0	25.8	56.6	397
264413	Diamond tools	72,069	38.6	61.4	34.0	66.4	586
264414	Pneumatic tools	50,111	34.3	65.7	38.9	72.1	866
264415	Power tools	149,318	82.6	17.4	77.2	91.7	3610
264416	Fixtures and accessories for metal machining	81,843	4.5	95.5	12.7	24.6	110
264419	Miscellaneous machinists' precision tools	22,828	40.6	59.4	43.3	67.8	798
265111	Machinery for man-made fiber	18,831	56.3	43.7	84.4	98.1	2441
265112	Fine spinning machines	7,017	99.2	0.8	99.2	100.0	5074
265119	Miscellaneous machines related to spinning	15,981	39.8	60.2	43.2	73.7	850
265211	Weaving machinery for air jet loom and water jet loom	54,737	99.7	0.3	99.9	100.0	5204
265219	Miscellaneous weaving machinery	4,020	32.3	67.7	59.9	95.9	1679
265221	Knitting machinery	47,295	67.1	32.9	93.4	99.7	4952
265229	Miscellaneous knitting machinery	12,886	-	100.0	81.1	98.6	4557
265231	Preparation machinery for textiles	8,024	53.2	46.8	79.2	99.3	3290
265311	Dyeing and printing machinery	10,432	29.2	70.8	68.8	94.6	1891
265312	Finishing machines	7,240	-	100.0	47.5	88.1	1064
265319	Miscellaneous dyeing and finishing machinery	6,339	8.7	91.3	69.0	89.5	2033
265411	Parts, attachments and accessories of machinery for manmade fiber and spinning machine	33,660	1.6	98.4	26.8	48.9	384
265412	Parts, attachments and accessories of weaving and knitting machinery	38,032	18.9	81.1	32.0	52.7	496
265413	Parts, attachments and accessories of dyeing and finishing	6,638	-	100.0	32.1	55.5	550

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
	machinery						
265511	Household sewing machinery	27,156	44.8	55.2	63.0	100.0	1821
265512	Industrial sewing machinery	71,314	58.3	41.7	67.1	94.6	1684
265519	Miscellaneous sewing machinery and equipment	7,438	22.9	77.1	48.0	81.8	1083
265521	Parts, attachments and accessories of sewing machinery and equipment	59,063	22.5	77.5	20.8	49.4	321
265522	Sewing machinery,woolen yarn hand knitting machines, and parts, attachments and accessories	729	14.3	85.7	88.5	100.0	3911
266111	Grain treating machinery and equipment	50,297	1.2	98.8	44.7	68.4	959
266112	Bread and confectionery making machinery and equipment	47,057	-	100.0	34.4	54.8	639
266113	Brewing machinery	12,138	2.1	97.9	41.6	76.9	961
266114	Milk processing and dairy product manufacturing machinery and equipment	14,514	1.4	98.6	54.7	90.7	1677
266115	Meat and seafood products manufacturing machinery	27,631	0.7	99.3	24.1	48.6	364
266119	Miscellaneous food processing machinery	92,879	6.1	93.9	18.1	40.7	229
266121	Parts, attachments and accessories of food processing machinery	68,502	-	100.0	46.8	51.9	1891
266211	Lumber sawing machinery	4,555	-	100.0	61.1	87.1	1563
266212	Woodworking machinery	28,529	0.9	99.1	32.4	60.9	555
266213	Plywood working machinery, including fiber board working machinery	11,515	10.8	89.2	43.5	83.7	959
266214	Parts, attachments and accessories of lumber sawing, woodworking and plywood working machinery	11,492	-	100.0	12.5	33.0	168
266311	Pulp manufacturing machinery and equipment	9,514	3.2	96.8	58.7	85.2	1431
266312	Paper machinery	5,249	-	100.0	66.9	100.0	2117
266319	Miscellaneous paper machinery	19,969	-	100.0	51.9	73.2	1586
266321	Parts, attachments and accessories of pulp and paper machinery	51,399	30.4	69.6	36.9	54.3	562
266411	Printing machinery	233,669	56.1	43.9	46.4	75.7	885
266412	Bookbinding machinery	31,899	-	100.0	37.0	63.5	785
266413	Paper covering machinery	45,475	26.7	73.3	41.6	71.6	831
266414	Engraving machinery	44,503	82.0	18.0	82.0	97.3	4401
266415	Parts, attachments and accessories of printing, bookbinding and covering machinery	106,172	24.8	75.2	32.9	43.5	690
266511	Die cast machinery	21,641	93.0	7.0	93.0	100.0	3383
266519	Miscellaneous foundry equipment	26,505	43.0	57.0	43.4	73.4	845
266521	Molds and molding boards, restricted to ones for iron and steel industries	8,420	11.2	88.8	51.1	89.3	1180
266522	Parts, attachments and accessories of foundry equipment	17,601	44.2	55.8	43.4	64.3	879
266611	Injection molding machinery	139,951	82.8	17.2	45.5	87.4	1026
266612	Extruders	46,518	74.9	25.1	58.9	91.1	1453
266619	Miscellaneous plastic working machinery and auxiliary equipment, including manual types	103,881	13.1	86.9	27.2	51.3	381
266621	Parts, attachments and accessories of plastic working machinery and auxiliary equipment	77,406	31.3	68.7	18.3	36.3	227
266711	Treatment equipment for wafer process (electronic circuit forming)	445,814	87.4	12.6	48.8	81.3	1049
266712	Assembly equipment	96,762	43.7	56.3	35.0	60.6	602
266719	Miscellaneous semiconductor manufacturing equipment	175,638	73.1	26.9	64.7	76.9	2429
266721	Flat panel and display manufacturing equipment	294,305	76.8	23.2	33.6	71.9	677
266722	Parts, attachments and accessories of semiconductor manufacturing equipment, including flat panel and display equipment	306,245	34.4	65.6	19.9	31.9	187
266811	Vacuum pumps	40,457	38.8	61.2	42.0	72.8	824
266819	Vacuum equipment	52,630	23.1	76.9	51.5	81.7	1070
266821	Parts, attachments and accessories of Vacuum equipment	20,429	0.2	99.8	15.4	34.5	197
266911	Rubber industrial machinery and equipment	42,340	41.4	58.6	41.4	71.6	782
266912	Glass industrial special machinery	18,516	6.6	93.4	38.6	72.1	749
266919	Miscellaneous industrial special machinery and equipment	367,576	38.4	61.6	11.7	29.1	135

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
266929	Parts, attachments and accessories of miscellaneous industrial special machinery and equipment	61,289	12.9	87.1	11.0	26.3	118
267111	Single-stage centrifugal pumps, including turbine pumps	63,730	49.5	50.5	36.2	65.1	678
267112	Multistage centrifugal pumps, including turbine pumps	31,292	45.6	54.4	54.8	90.6	1346
267113	Corrosion resisting pumps (special pumps for chemical industry)	30,809	46.0	54.0	50.8	78.1	999
267114	Household pumps	22,627	63.7	36.3	61.4	98.2	1595
267119	Miscellaneous pumps	273,701	61.5	38.5	47.8	70.9	1532
267121	Parts, attachments and accessories of pumps and pumping equipment	114,417	58.3	41.7	43.9	68.5	801
267211	Reciprocating compressors	85,346	81.2	18.8	81.5	93.3	5070
267212	Rotary compressors	67,091	89.7	10.3	76.3	98.3	2333
267213	Centrifugal compressors and axial compressors	20,817	92.1	7.9	79.1	100.0	2712
267214	Centrifugal blowers	41,307	37.0	63.0	39.6	69.7	811
267215	Axial blowers	8,894	29.7	70.3	31.9	73.4	675
267219	Miscellaneous blowers	34,318	9.3	90.7	36.9	72.0	707
267222	Parts, attachments and accessories of air compressors, gas compressors and blowers	92,414	54.3	45.7	39.8	57.0	640
267311	Elevators	194,672	86.6	13.4	78.4	96.3	2445
267312	Escalators, including automatic-moving sidewalks	31,923	86.9	13.1	92.3	100.0	3593
267313	Parts, attachment and accessories of elevators and escalators	89,277	6.9	93.1	21.6	40.2	264
267411	Overhead travelling cranes	25,261	40.7	59.3	34.8	62.2	562
267419	Miscellaneous cranes	71,455	48.8	51.2	36.4	67.5	628
267421	Winding machines	58,640	38.6	61.4	37.4	65.6	681
267422	Conveyers	216,835	22.2	77.8	16.6	34.3	176
267429	Miscellaneous conveyers and conveying equipment	256,800	64.5	35.5	46.5	71.3	1050
267431	Parts, attachments and accessories of conveyers and conveying equipment	99,243	12.8	87.2	11.3	22.3	86
267511	Transmissions	165,707	65.3	34.7	35.1	60.1	687
267512	Gears, including plastic gears	114,905	8.3	91.7	17.2	40.6	221
267513	Roller chains	46,941	58.6	41.4	65.8	96.2	1945
267519	Miscellaneous power transmissions	121,184	58.8	41.2	41.1	69.2	879
267521	Parts, attachments and accessories of power transmissions	101,924	66.5	33.5	60.7	76.1	1863
267611	Industrial furnaces and ovens	83,562	64.6	35.4	64.6	83.9	2697
267612	Parts, attachments and accessories of industrial furnaces and ovens	15,883	3.7	96.3	27.8	52.2	401
267711	Hydraulic pumps	58,834	79.0	21.0	52.6	82.0	1278
267712	Hydraulic motors	35,615	86.0	14.0	56.8	98.7	1480
267713	Hydraulic cylinders	58,718	36.2	63.8	38.3	59.3	1002
267714	Hydraulic valves	70,471	60.5	39.5	36.2	71.4	674
267719	Miscellaneous oil hydraulic equipment	54,568	39.6	60.4	27.9	56.1	441
267721	Parts, attachments and accessories of hydraulic equipment	91,053	32.4	67.6	23.2	41.2	292
267722	Pneumatic equipment, including pneumatic unit equipment	215,580	90.1	9.9	81.4	91.8	4481
267723	Parts, attachments and accessories of pneumatic equipment	30,488	10.7	89.3	32.1	51.8	560
267811	Filters	72,156	12.9	87.1	22.9	44.7	350
267812	Separators	56,416	63.8	36.2	67.8	88.0	3053
267813	Heat exchangers, including partial condensers and heat converters	64,938	37.9	62.1	28.1	56.2	441
267814	Mixers, agitators, kneaders, dissolvers, granulators, emulsifiers and crushers	57,670	6.3	93.7	24.9	55.8	406
267815	Reactors, generators, carbonizers and electrolytic cells	35,365	22.4	77.6	39.1	72.6	748
267816	Evaporators, distillers, digesters and crystallizers	12,240	51.7	48.3	52.3	85.4	1564
267817	Dryers	29,151	29.5	70.5	44.0	71.0	946
267818	Dust collectors	70,334	40.3	59.7	30.0	54.4	453
267821	Tanks for chemical equipment	69,807	30.4	69.6	46.5	68.1	904
267822	Chemically treated environment protecting equipment	109,895	39.4	60.6	29.5	62.9	517

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
267829	Miscellaneous chemical machinery and its equipment	214,350	59.1	40.9	48.9	61.8	1510
267831	Parts, attachments and accessories of chemical machinery and its equipment	150,579	21.5	78.5	16.6	34.4	176
267911	Heavy oil and gas combustion chambers, including light oil combustion chambers	15,050	16.3	83.7	39.8	79.7	863
267919	Miscellaneous general industrial machinery and equipment	497,799	39.7	60.3	17.9	31.4	176
267929	Parts, attachments and accessories of miscellaneous general industrial machinery and equipment	464,384	28.6	71.4	14.7	26.9	118
268111	Computers	20,052	99.1	0.9	100.0	100.0	7917
268112	Electrostatic indirect copying machines	35,176	82.3	17.7	74.7	100.0	2980
268113	Digital copying machines	418,261	91.5	8.5	52.9	95.8	1275
268114	Full color copying machines	106,236	99.5	0.5	90.9	100.0	3637
268115	Cash registers	22,324	55.7	44.3	67.2	99.0	1763
268116	Word-processors	X	X	-	100.0	100.0	9816
268119	Miscellaneous office machines	392,571	74.7	25.3	36.4	62.3	664
268121	Parts, attachments and accessories of office machines	962,166	55.5	44.5	21.2	44.7	295
268211	Refrigerators	303,325	92.2	7.8	65.0	86.7	2553
268212	Showcases for refrigeration, including refrigerating display racks	110,365	76.5	23.5	49.4	80.7	1040
268213	Air conditioners, except window and separate types	349,687	89.6	10.4	70.5	93.5	2424
268219	Miscellaneous applied refrigerators	66,687	58.5	41.5	41.1	71.4	790
268221	Cooling towers	16,936	8.4	91.6	70.7	98.1	2287
268222	Refrigerating equipment	80,629	71.5	28.5	60.7	81.1	1568
268223	Parts, attachments and accessories of refrigerators and air conditioning apparatus	143,732	14.9	85.1	18.3	39.9	228
268311	Pinball machines and slot machines	675,168	11.2	88.8	36.9	77.6	765
268312	Game machines for amusement centers	24,387	0.3	99.7	66.8	90.4	1715
268313	Recreation machines for amusement parks	3,697	0.9	99.1	82.5	99.1	4709
268319	Miscellaneous recreation machines	804	-	100.0	88.2	100.0	3014
268329	Parts, attachments and accessories of recreation machines	187,468	2.5	97.5	28.8	54.6	433
268411	Vending machines	170,280	91.9	8.1	51.8	90.3	1279
268419	Parts, attachments and accessories of vending machines	43,402	25.3	74.7	24.2	48.9	349
268911	Industrial washing machinery	24,373	5.7	94.3	25.6	64.1	507
268912	Automobile maintenance and servicing machines	65,445	18.1	81.9	34.2	67.8	632
268913	Household elevators	X	-	X	100.0	100.0	5018
268919	Miscellaneous office, service industry and household machines	202,799	50.3	49.7	21.8	57.7	395
268929	Parts, attachments and accessories of miscellaneous office, service industry and household machines	92,520	17.8	82.2	38.2	57.0	582
269111	Fire extinguishing equipment and its apparatus, including equipment for fire engines	48,711	23.0	77.0	48.3	89.7	1186
269112	Parts, attachments and accessories of fire extinguishing equipment and its apparatus	17,138	6.1	93.9	33.1	59.3	517
269211	High temperature and high pressure valves	44,047	17.7	82.3	37.5	74.1	772
269212	Automatic regulating valves	108,590	27.4	72.6	29.8	61.7	548
269213	Valves and cocks for water supply	118,699	44.5	55.5	55.5	79.6	1372
269214	General valves and cocks	230,007	27.2	72.8	26.1	49.6	381
269215	Accessories of valves and cocks	29,814	7.5	92.5	31.3	59.8	501
269311	Cutting, bending, threading etc. of pipe products	62,034	1.2	98.8	20.1	42.6	256
269411	Radial ball bearing, except ones for bearing units	336,988	85.5	14.5	55.6	90.3	1263
269412	Miscellaneous ball bearings, except ones for bearing units	24,716	70.4	29.6	66.4	91.9	2761
269413	Roller bearings, except ones for bearing units	249,151	90.7	9.3	70.5	95.2	1846
269414	Bearing units	61,375	62.6	37.4	63.3	92.1	1557
269415	Parts of ball and roller bearings	167,063	23.3	76.7	17.4	42.1	264
269511	Piston rings	67,386	91.6	8.4	89.3	98.8	3053
269611	Molds for pressing	517,096	23.8	76.2	9.8	22.2	74
269612	Molds for forging	44,181	31.5	68.5	31.3	51.3	491

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
269613	Molds for casting, including ones for die casting	108,935	15.9	84.1	13.0	26.6	118
269614	Molds for plastics	555,523	11.8	88.2	6.3	12.5	34
269615	Molds for rubber and glass	52,666	-	100.0	11.8	26.0	124
269619	Miscellaneous molds and dies, parts and accessories	208,519	16.8	83.2	13.0	20.9	124
269711	Item and inner packaging	215,233	23.1	76.9	25.8	47.1	364
269712	Outer packaging machines	49,394	17.5	82.5	31.1	61.4	585
269713	Parts, attachments and accessories of packing machines	37,383	7.9	92.1	18.6	33.7	194
269811	Numerical control robots	105,104	60.0	40.0	57.4	81.9	1494
269819	Miscellaneous industrial robots	225,393	80.7	19.3	34.0	73.8	660
269821	Industrial robots, and parts, attachments and accessories	135,897	26.8	73.2	21.1	38.3	231
269919	Machine shops, n.e.c.	258,131	16.0	84.0	10.0	21.8	73
271111	Turbine generators (AC)	63,727	100.0	-	91.3	100.0	2844
271112	Engine generators (AC)	73,394	63.0	37.0	47.0	80.5	1003
271113	DC motors, 70 W or more	21,718	61.4	38.6	57.9	88.2	1907
271114	Single-phase induction motors, 70 W or more	30,181	29.8	70.2	57.1	91.2	1702
271115	Three-phase induction motors, 70 W or more	110,478	86.5	13.5	37.0	79.5	798
271119	Miscellaneous AC motors, 70 W or more	48,083	84.5	15.5	62.2	86.8	1520
271121	AC-DC miniature motors, between 3 and 70 W	413,452	74.4	25.6	48.1	73.4	1574
271129	Miscellaneous miniature motors, between 3 and 70 W	28,361	53.2	46.8	56.6	93.8	1688
271139	Miscellaneous miniature generators	20,514	61.0	39.0	49.5	89.6	1131
271149	Miscellaneous rotating electrical machinery	27,946	65.2	34.8	57.3	93.5	1355
271151	Parts, attachments and accessories of generators, motors and other rotating electrical machinery	174,941	35.6	64.4	24.3	42.0	268
271211	Standard transformers	63,365	43.1	56.9	29.6	65.2	545
271212	Non-standard transformers	110,911	75.9	24.1	33.4	69.2	724
271213	Transformers for special-use	15,317	36.6	63.4	38.0	63.8	660
271214	Instrument transformers	24,295	53.1	46.9	36.8	66.1	648
271215	Reactors and induction voltage transformers	10,221	25.9	74.1	36.1	65.6	762
271216	Parts, attachments and accessories of power and distribution transformers	51,107	19.6	80.4	17.9	39.3	221
271311	Switchboards	430,177	41.3	58.7	18.2	34.7	186
271312	Monitor and control equipment	801,493	59.6	40.4	42.0	56.0	666
271313	Distribution boards	117,162	32.0	68.0	27.5	41.0	367
271314	Relays	88,068	58.7	41.3	47.2	81.7	990
271315	Circuit breakers	185,439	71.6	28.4	43.5	69.4	852
271316	Switches	181,622	52.5	47.5	28.0	53.6	420
271317	Programmable controllers	100,214	94.3	5.7	72.8	95.6	2845
271319	Miscellaneous distribution and control equipment	137,337	58.4	41.6	25.5	52.9	393
271321	Parts, attachments and accessories of relay switches, switchboards and electrical control equipment	186,804	36.5	63.5	20.9	38.4	270
271411	Miniature switches	12,230	39.6	60.4	48.0	85.2	1035
271412	Flasher switches	136,227	72.1	27.9	82.4	94.1	4473
271413	Connectors	119,971	67.3	32.7	70.1	79.4	3017
271419	Miscellaneous wiring devices and supplies	216,007	19.4	80.6	17.6	38.6	224
271511	Arc welding equipment	43,882	59.9	40.1	66.9	91.4	2352
271512	Resistance welding equipment	35,911	30.9	69.1	43.2	75.9	961
271513	Parts, attachments and accessories of electrical welding equipment	29,693	30.6	69.4	49.0	70.2	1211
271611	Charging generators	124,314	96.1	3.9	93.4	99.4	3664
271612	Starter generators	121,415	84.7	15.3	76.0	97.5	2612
271613	Permanent-magnet generators	18,926	96.0	4.0	99.8	100.0	5016
271619	Miscellaneous auxiliary equipment for internal combustion engines	373,363	88.2	11.8	75.9	91.6	2078
271621	Parts, attachments and accessories of auxiliary equipment for internal combustion engines	984,092	40.8	59.2	32.3	48.9	501
271911	Condensers	34,288	44.2	55.8	42.9	87.1	969

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
271912	Electric furnaces	32,250	27.1	72.9	30.6	55.0	519
271913	Industrial electric heating equipment	61,376	25.3	74.7	21.7	50.6	340
271914	Power transformers	223,760	84.1	15.9	40.7	74.8	810
271915	Silicon and selenium rectifiers	50,650	90.7	9.3	83.9	98.0	2908
271919	Miscellaneous rectifiers	9,934	86.3	13.7	92.3	99.9	7477
271929	Parts, attachments and accessories of miscellaneous industrial electrical apparatus	106,222	24.0	76.0	17.2	34.8	226
272111	Electric rice cookers	68,282	68.2	31.8	60.7	96.7	1594
272112	Electronic ovens	73,775	97.6	2.4	79.9	99.9	2754
272113	Electric refrigerators	270,170	94.7	5.3	57.5	99.3	1601
272119	kitchen ware	174,074	66.4	33.6	54.1	76.7	1913
272129	Parts, attachments and accessories of kitchen ware	45,109	58.7	41.3	41.7	66.7	767
272211	Electric fans	6,812	71.1	28.9	79.4	100.0	2759
272212	Ventilators	112,551	61.8	38.2	68.4	91.6	1740
272213	Air conditioners	588,302	98.9	1.1	49.7	98.9	1326
272219	Miscellaneous air conditioning and household equipment	132,924	64.0	36.0	37.1	65.8	792
272229	Parts, attachments and accessories of air conditioning and household equipment	132,686	8.2	91.8	20.3	42.2	268
272311	Electric irons	8,295	66.7	33.3	97.5	100.0	3938
272312	Electric washing machines	139,867	98.1	1.9	60.9	100.0	1809
272313	Electric cleaning machines	79,168	90.8	9.2	57.6	99.0	1534
272314	Electric hot water cleaning seats for toilet, including warming seats	97,470	92.3	7.7	86.2	99.5	3004
272319	Miscellaneous equipment for clothes sanitary	11,887	80.5	19.5	67.7	96.1	1846
272329	Parts, attachments and accessories of equipment for clothes sanitary	23,966	2.9	97.1	55.4	83.5	1545
272911	Electric Japanese-style warmers	8,798	11.9	88.1	61.6	93.0	1630
272912	Electric appliances for hair dressing	133,154	79.7	20.3	82.1	93.5	4272
272919	Miscellaneous household electric appliances	289,222	54.2	45.8	23.9	50.7	353
272929	Parts, attachments and accessories of miscellaneous household electric appliances	367,877	33.5	66.5	22.1	34.6	292
273111	General lighting bulbs	11,549	74.0	26.0	79.8	98.7	3277
273112	Miniature lamps and illumination lamps for Christmas trees	6,874	50.9	49.1	78.1	99.3	3071
273113	Automobile lamps	125,398	79.7	20.3	75.9	96.2	3938
273119	Miscellaneous electric bulbs	65,230	72.6	27.4	50.9	79.4	1267
273121	Fluorescent lamps	126,744	69.3	30.7	78.1	98.3	2255
273129	Miscellaneous electric discharge lamps	85,832	66.4	33.6	55.0	82.7	1274
273211	Incandescent lamp fixtures	196,281	72.4	27.6	68.0	77.7	2035
273212	Straight-tube fluorescent lamp fixtures	110,490	48.6	51.4	53.5	71.5	1072
273213	Ring-tube fluorescent lamp fixtures	98,337	37.0	63.0	44.4	85.8	1001
273214	Fluorescent lamp fixtures, except straight and ring tube lamp fixtures	34,094	18.6	81.4	52.5	80.6	1268
273215	Mercury lamp fixtures	28,137	62.8	37.2	59.8	89.5	1829
273219	Miscellaneous electric lighting fixtures	48,038	43.7	56.3	36.0	65.8	620
273221	Parts, attachments and accessories of electric lighting fixtures	150,030	25.4	74.6	26.0	50.8	348
274111	Medical X-ray equipment	151,626	85.0	15.0	77.1	94.6	2804
274112	Industrial X-ray equipment	21,831	66.8	33.2	72.7	97.0	2282
274113	Parts, attachments and accessories of X-ray equipment	31,595	13.9	86.1	36.5	58.9	646
274211	Video tape recording and duplicating equipment (VTR, EVR)	261,884	99.4	0.6	66.7	99.3	1877
274212	Video cameras, including integrated VTR-EVR, except broadcast video cameras	876,526	88.2	11.8	71.3	94.0	2436
274213	Digital cameras	673,991	72.8	27.2	66.9	94.8	2016
274214	Parts, attachments and accessories of video recording and duplicating equipment	427,259	59.9	40.1	53.5	70.8	1517
274311	Medical electronic instrument and equipment	263,253	97.0	3.0	65.8	96.4	1918
274321	Parts, attachments and accessories of medical electronic instruments and equipment	20,954	3.0	97.0	33.1	55.8	596

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
274911	Ultrasonic application equipment	87,041	65.9	34.1	51.6	76.2	1337
274912	High-frequency power application equipment	22,638	38.7	61.3	35.0	68.3	687
274913	Electronic microscopes	60,464	92.6	7.4	87.8	100.0	3266
274914	Numerical control equipment	120,716	88.2	11.8	85.8	94.5	4999
274919	Electronic equipment, n.e.c.	350,318	63.4	36.6	32.4	66.6	587
274921	Parts, attachments and accessories of miscellaneous electronic equipment	193,379	27.1	72.9	21.4	48.8	301
275111	Electric meters	72,058	54.8	45.2	34.6	70.6	654
275112	Electric measuring instruments	266,913	53.8	46.2	27.9	52.4	410
275113	Semiconductor and IC measuring instruments	218,761	56.8	43.2	60.5	79.3	1834
275119	Miscellaneous electric measuring instruments	61,565	64.5	35.5	40.8	67.9	753
275121	Parts, attachments and accessories of electric measuring instruments	43,788	13.5	86.5	25.1	41.7	294
275211	Industrial process controlling instruments	221,254	53.8	46.2	38.2	61.5	871
275212	Parts, attachments and accessories of industrial process controlling instruments	29,180	27.6	72.4	32.8	54.7	641
275311	Medical measuring instruments	118,558	70.8	29.2	51.4	82.7	1200
275321	Parts, attachments and accessories of medical measuring instruments	22,708	15.2	84.8	52.6	72.7	1266
279111	Lead storage batteries	171,346	97.1	2.9	73.0	100.0	2187
279112	Alkali storage batteries	147,812	88.1	11.9	87.9	99.8	4047
279113	Lithium ion batteries	263,845	83.3	16.7	61.3	98.5	1920
279114	Parts, attachments and accessories of storage batteries	112,152	69.1	30.9	59.4	81.3	1786
279211	Cylindrical manganese dry batteries	19,267	81.9	18.1	84.5	100.0	2892
279219	Miscellaneous primary batteries	145,732	86.3	13.7	65.4	96.6	1908
279221	Parts, attachments and accessories of primary batteries	19,276	32.4	67.6	49.0	85.9	1042
279311	Magnetic tapes (raw)	308,205	92.9	7.1	60.2	96.6	1506
279312	Magnetic discs (raw)	149,189	65.7	34.3	43.0	89.0	1000
279911	Lead-in wires	26,867	7.0	93.0	70.9	88.1	2643
279912	Silicon wafers (surface-polished)	378,776	94.3	5.7	66.2	90.4	1733
279919	Electrical machinery, equipment and supplies, n.e.c.	633,860	65.4	34.6	26.2	51.9	400
281111	Telephone sets	69,868	53.6	46.4	44.7	89.8	1030
281112	Automatic telephone exchange switchboards	245,419	85.2	14.8	73.1	98.8	3062
281113	Auxiliary equipment of telephone exchange switchboards	18,924	30.4	69.6	47.8	91.9	1298
281119	Miscellaneous wired telephone sets	270,004	82.4	17.6	56.3	88.5	1414
281121	High-speed facsimiles, including ultra-high-speed ones	89,835	89.9	10.1	80.5	100.0	2857
281122	Facsimiles, except high-speed ones	53,183	93.3	6.7	82.8	99.6	2546
281129	Miscellaneous wired telecommunication equipment	121,656	60.0	40.0	51.4	84.6	1429
281131	Digital transmission equipment	351,260	93.2	6.8	58.2	89.2	1671
281132	Transmission equipment, except digital transmission equipment	44,689	48.9	51.1	62.2	94.4	1589
281211	Radio and TV broadcasting equipment	128,821	84.6	15.4	53.6	89.7	1282
281212	Fixed-station communication equipment	290,843	91.6	8.4	41.6	89.0	999
281213	Cellular telephone sets and PHS telephone sets	1,588,605	80.8	19.2	42.9	89.1	983
281214	Miscellaneous mobile-station communication equipment	227,480	84.1	15.9	63.9	86.8	1834
281215	Portable communication equipment	22,783	79.9	20.1	53.5	92.4	1269
281216	Radio applied equipment	355,132	86.6	13.4	36.4	71.6	693
281219	Miscellaneous radio communication equipment	100,557	67.0	33.0	60.1	82.4	1616
281311	Radio receivers	14,932	44.7	55.3	80.5	98.5	2689
281312	Television receivers, except liquid crystal receivers	411,775	83.3	16.7	53.5	97.3	1343
281313	Liquid crystal television receivers	228,988	90.5	9.5	83.4	99.7	2896
281411	Stereo sets	151,081	95.9	4.1	95.3	100.0	6159
281412	Car stereo sets	470,650	77.8	22.2	60.9	89.0	1422
281413	Tape recorders	32,189	89.7	10.3	90.3	99.4	3828
281414	Digital audio disc players	265,445	88.1	11.9	69.5	97.1	1934
281415	High fidelity (HI-FI) amplifiers	15,034	53.7	46.3	61.0	97.6	2004

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
281416	Speaker systems for HI-FI and cars	28,862	81.2	18.8	93.4	100.0	4150
281417	Hearing aids	14,674	58.8	41.2	80.7	100.0	3327
281419	Miscellaneous electric audio equipment	163,865	83.1	16.9	67.4	90.2	1919
281421	Finished speaker systems, microphones, earphones, audio pickups, etc.	138,995	60.1	39.9	57.0	83.4	1666
281422	Parts, attachments and accessories of electric audio equipment	370,070	43.8	56.2	26.8	53.1	397
281511	Railway signal and safety appliances	145,118	71.8	28.2	41.9	77.0	955
281512	Parts, attachments and accessories of railway signal and safety appliances	34,343	59.9	40.1	60.2	74.1	1641
281911	Fire alarm equipment	32,561	-	100.0	64.7	91.1	1737
281919	Miscellaneous communication related products	123,791	47.7	52.3	29.4	60.1	481
282111	General computers	318,285	96.0	4.0	79.9	100.0	2427
282112	Office computers	117,517	95.3	4.7	73.6	99.8	2273
282113	Work stations	154,868	89.2	10.8	94.4	100.0	3782
282114	Parts, attachments and accessories of data processing machines, digital and analog computers and auxiliary equipment	82,562	62.5	37.5	44.8	66.4	835
282211	Personal computers	1,850,254	99.6	0.4	53.1	98.9	1340
282212	Parts, attachments and accessories of personal computers	418,616	45.3	54.7	35.5	56.7	600
282311	Magnetic disc equipment	464,783	94.2	5.8	82.1	97.0	4163
282312	Optical disc equipment	290,450	94.5	5.5	60.5	95.6	1523
282313	Flexible disc equipment	23,935	100.0	-	99.3	100.0	8285
282319	Miscellaneous external memories	110,998	96.1	3.9	46.1	92.9	1156
282321	Parts, attachments and accessories of external memories	47,244	53.0	47.0	62.2	93.1	2134
282411	Printers	422,077	61.5	38.5	46.8	77.7	1084
282412	Parts, attachments and accessories of printers	214,644	57.9	42.1	58.5	90.3	1582
282911	Displays	375,212	66.2	33.8	45.2	90.8	1049
282919	Miscellaneous input-output systems	159,167	86.3	13.7	64.1	87.4	2407
282921	Finance terminal units	166,017	87.6	12.4	55.2	89.2	1267
282929	Miscellaneous terminal units	215,848	83.1	16.9	35.8	73.5	707
282939	Miscellaneous accespries equipment	109,791	65.2	34.8	40.9	80.1	880
282941	Parts, attachments and accessories of miscellaneous accespries equipment	113,552	38.9	61.1	46.5	69.5	1029
291111	Microwave tubes	15,949	68.1	31.9	76.9	100.0	2352
291112	Cathode ray tubes (CRT)	155,331	99.0	1.0	80.3	100.0	2501
291119	Miscellaneous electron tubes	219,666	90.6	9.4	64.6	89.5	1912
291211	Diode	208,417	71.7	28.3	36.1	78.5	756
291212	Rectifying devices, 100 mA or more	115,923	71.1	28.9	41.6	87.8	976
291213	Silicon transistors	321,055	75.6	24.4	38.2	75.6	764
291214	Transistors, except silicon transistors	169,056	95.4	4.6	86.2	99.1	4338
291215	Photoelectric converter devices	34,475	71.7	28.3	84.3	100.0	2577
291216	Light emitting diode	318,366	82.3	17.7	52.7	86.5	1327
291219	Miscellaneous semiconductor devices	350,101	68.7	31.3	44.6	69.1	952
291311	Bipolar type IC	657,911	91.2	8.8	35.5	76.2	742
291312	Metal oxide semiconductor IC	3,107,416	94.8	5.2	28.5	61.0	507
291313	Linear circuit	255,918	99.5	0.5	55.6	99.2	1564
291319	Miscellaneous semiconductor IC	321,322	76.9	23.1	38.9	81.7	869
291321	Thick film IC	180,526	71.7	28.3	46.0	79.2	1041
291329	Miscellaneous hybrid IC	106,579	90.2	9.8	74.9	96.9	2189
291339	Miscellaneous IC	211,782	96.1	3.9	43.0	96.2	1132
291411	Resistors	201,570	43.0	57.0	35.9	61.1	619
291412	Fixed capacitors	799,801	62.4	37.6	25.4	60.0	462
291413	Capacitors, except fixed capacitors	5,122	21.1	78.9	59.9	95.7	1512
291414	Transformers	139,359	43.3	56.7	22.4	49.6	328
291415	Composite parts	32,506	42.6	57.4	57.9	94.6	1495
291511	Acoustic parts	62,515	81.2	18.8	66.7	89.8	1807

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
291512	Magnetic heads	135,876	90.3	9.7	75.8	91.4	3644
291513	Small motors, less than 3 W	144,359	48.4	51.6	45.4	81.1	975
291611	Connectors for printed boards	114,939	49.9	50.1	36.4	74.9	753
291612	Connectors, except ones for printed boards	372,175	60.3	39.7	55.9	73.7	1628
291613	Switches	271,072	69.4	30.6	53.9	85.8	1281
291614	Relays	83,214	30.0	70.0	55.1	82.9	1268
291711	Switching power supplies	170,262	49.5	50.5	22.0	56.7	415
291712	TV tuners, including video tuners	24,012	79.1	20.9	65.7	96.3	1695
291719	Miscellaneous high-frequency assemblies	178,587	62.8	37.2	37.8	67.6	729
291721	Control units	31,568	37.6	62.4	54.6	91.0	1391
291811	Rigid printed boards	695,962	59.1	40.9	22.5	44.2	313
291819	Miscellaneous printed boards	262,084	58.7	41.3	59.3	77.1	1411
291821	Printed circuit boards	470,554	31.4	68.6	14.9	35.8	194
291911	Magnetic parts of powder and gold	64,618	73.6	26.4	37.9	78.0	805
291912	Crystal vibrators, except ones for watches and clocks	155,503	54.0	46.0	43.1	72.0	903
291913	Liquid crystal elements	1,115,306	81.3	18.7	33.7	71.6	660
291914	Parts and accessories of communication equipment, n.e.c.	247,078	49.9	50.1	28.3	49.0	426
291919	Miscellaneous electronic parts	2,742,066	66.3	33.7	24.4	41.1	302
301111	Light and small passenger cars, less than 2000 ml cylinder capacity, including chassis	6,743,687	100.0	0.0	65.1	99.0	1896
301112	Ordinary passenger cars, 2000 ml cylinder capacity or more, including chassis	7,175,471	100.0	0.0	81.3	100.0	3298
301113	Buses	138,701	100.0	-	90.2	100.0	3771
301114	Trucks, including tractors	2,271,028	100.0	-	51.8	98.2	1333
301115	Motor vehicles for special-use	105,627	75.9	24.1	63.2	86.4	1865
301116	Bus and truck chassis	481,979	100.0	-	100.0	100.0	5058
301117	Motorcycles, less than 125 ml, including motor bicycles and motor scooters	179,714	100.0	-	89.5	100.0	3209
301118	Motorcycles, more than 125 ml, including ones with side cars and motor scooters	714,087	100.0	-	89.5	100.0	3075
301211	Passenger car bodies	1,170,292	98.2	1.8	80.1	99.2	2331
301212	Bus bodies	131,568	82.7	17.3	53.9	99.1	1402
301213	Truck bodies	1,188,876	92.3	7.7	84.2	92.6	4737
301214	Special-use car bodies	167,941	67.2	32.8	40.4	75.7	798
301215	Trailers, including trailer chassis and bodies	31,988	76.6	23.4	60.0	96.4	1672
301311	Gasoline engines for motor vehicles	1,295,378	99.0	1.0	74.2	98.2	2509
301312	Diesel engines for motor vehicles	465,626	99.7	0.3	63.6	99.9	1704
301313	Internal combustion engines for motorcycles and motor scooters	11,733	39.3	60.7	93.9	100.0	3108
301314	Parts, attachments and accessories of internal combustion engines for motor vehicles	2,791,597	69.5	30.5	22.4	40.7	291
301315	Parts of driving, transmission and operating units	4,144,109	76.4	23.6	26.2	43.0	314
301316	Parts of suspension and brake systems	1,078,912	59.7	40.3	20.9	47.0	286
301317	Parts of chassis and bodies	2,407,365	56.7	43.3	17.3	30.6	173
301318	Car air-conditioners	557,983	82.8	17.2	63.0	86.5	2240
301321	Car heaters	137,080	98.1	1.9	98.4	100.0	8567
301322	Finished seats	578,576	66.0	34.0	36.2	79.6	770
301329	Miscellaneous parts of motor vehicles, including parts of motorcycles	6,036,745	78.3	21.7	38.9	50.4	953
301331	KD sets (passenger cars, buses and trucks)	1,373,105	100.0	0.0	85.1	100.0	4446
301332	KD sets (motorcycles)	246,449	99.9	0.1	99.9	100.0	4757
302111	Locomotives	3,251	100.0	-	100.0	100.0	7150
302112	Electric railcars, with motive power	124,710	99.2	0.8	74.3	100.0	2583
302113	Internal combustion motive cars	5,324	85.0	15.0	100.0	100.0	4051
302114	Trailed passenger cars and electric cars for railroad	38,650	100.0	-	82.9	100.0	2584
302115	Freight cars for railroad	2,719	74.3	25.7	93.4	100.0	3178

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
302119	Miscellaneous railroad cars	11,674	30.1	69.9	50.1	87.6	1162
302211	Parts, attachments and accessories of locomotives	39,829	51.9	48.1	46.6	70.3	1341
302212	Parts, attachments and accessories of electric cars, passenger cars and freight cars	139,654	57.0	43.0	31.3	59.8	506
303111	Steel passenger shipbuilding, power vessel 20 gross tonnage or more	X	-	X	100.0	100.0	10000
303112	Steel cargo and passenger shipbuilding, power vessel 20 gross tonnage or more	65,419	98.7	1.3	98.7	100.0	7028
303113	Steel cargo shipbuilding, power vessel 20 gross tonnage or more	720,400	73.5	26.5	27.6	65.5	535
303114	Steel oil transportation shipbuilding, power vessel 20 gross tonnage or more	314,588	63.6	36.4	42.2	72.8	894
303115	Steel fishing shipbuilding, power vessel 20 gross tonnage or more	10,548	22.8	77.2	67.6	100.0	1890
303116	Steel special-use shipbuilding, power vessel 20 gross tonnage or more	74,316	67.9	32.1	62.6	85.0	1860
303117	Warship building	104,285	100.0	-	81.8	100.0	3683
303118	Steel non-power vessel building	14,708	13.5	86.5	59.4	93.2	1455
303121	Steel power vessel building, less than 20 gross tonnage	8,143	-	100.0	53.3	76.3	1595
303122	Hull of steel ship	5,518	44.9	55.1	78.3	100.0	2769
303123	Modification and repair of domestic steel ship	128,671	33.3	66.7	15.5	32.4	173
303124	Modification and repair of foreign steel ship	21,083	62.3	37.7	49.9	84.8	1195
303125	Modification and repair of warship	74,351	95.9	4.1	64.8	98.7	1871
303126	Wooden shipbuilding, modifying and repairing, 20 gross tonnage or more	8,937	-	100.0	98.4	99.8	9206
303211	Hull blocks	27,622	34.2	65.8	54.9	83.0	1241
303311	Wooden and metallic shipbuilding, except steel shipbuilding	8,064	17.2	82.8	41.8	85.3	947
303312	Plastic shipbuilding	25,713	22.1	77.9	38.9	60.0	704
303313	Ship modifying and repairing	10,986	1.2	98.8	14.5	26.4	128
303411	Marine engines	129,682	66.7	33.3	51.6	90.7	1318
303419	Miscellaneous marine engines	168,390	89.9	10.1	73.1	99.5	2877
303421	Parts, attachments and accessories of marine engines	249,411	56.2	43.8	32.8	52.5	544
304111	Airplanes	114,125	100.0	-	100.0	100.0	8302
304112	Helicopters	91,302	100.0	-	99.8	100.0	5590
304121	Aircraft repairing and overhaul	85,583	97.2	2.8	68.4	100.0	2034
304211	Aircraft engines	67,030	100.0	-	100.0	100.0	8220
304212	Aircraft engine repairing and overhaul	45,600	100.0	0.0	99.2	100.0	6736
304213	Parts, attachments and accessories of aircraft engines	262,848	95.4	4.6	94.2	98.2	4670
304919	Miscellaneous aircraft parts and auxiliary equipment	487,370	94.9	5.1	52.6	79.8	1161
305111	Forklift trucks	181,774	91.9	8.1	71.6	99.9	2522
305112	Parts, attachments and accessories of forklift trucks	30,859	18.6	81.4	28.3	50.1	459
305911	Platform trucks, including trailers	15,987	59.6	40.4	49.2	89.1	1257
305912	Shovel trucks	6,910	100.0	-	100.0	100.0	3587
305913	Industrial trailers, including agricultural trailers	779	-	100.0	73.8	98.8	2148
305919	Miscellaneous industrial trucks	58,971	70.2	29.8	73.5	90.2	2418
305921	Parts, attachments and accessories of industrial trucks	120,297	53.6	46.4	39.8	57.0	631
309111	Light bicycles, mini-bicycles and mountain motorcycles	45,988	43.7	56.3	60.5	94.6	1596
309112	Children's bicycles, from 12 to 24 inches wheel diameter	4,668	64.2	35.8	88.7	100.0	4373
309113	Special bicycles, including ones for sport and practical-use	13,614	79.0	21.0	77.8	98.8	2460
309114	Wheelchairs (manual)	11,219	5.1	94.9	75.9	90.0	2705
309115	Finished frames for bicycles	5,914	33.4	66.6	70.7	98.6	2132
309116	Parts, attachments and accessories of bicycles	112,641	71.4	28.6	78.0	83.4	4952
309911	Flying objects, parts and accessories	67,218	97.6	2.4	84.4	99.3	3548
309919	Transportation equipment, parts, attachments and accessories, n.e.c.	X	20.9	79.1	44.7	61.6	1364
311111	Universal measures	7,332	-	100.0	55.8	88.3	1408
311211	Integrate volumeters	92,862	37.8	62.2	39.2	77.9	782

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
311219	Miscellaneous volumeters	3,339	-	100.0	70.7	88.9	2913
311221	Parts, attachments and accessories of volumeters	17,809	49.2	50.8	62.8	87.4	1525
311311	Balances and scales	133,405	52.1	47.9	65.7	86.7	1873
311312	Parts, attachments and accessories of balances and scales	6,098	0.8	99.2	43.3	71.1	1155
311411	Manometers	62,255	36.7	63.3	46.1	77.7	1059
311412	Metal thermometers	10,239	-	100.0	33.9	61.9	635
311413	Flowmeters	50,840	41.1	58.9	41.3	81.9	881
311414	Quantity gauges (level meters)	14,630	31.4	68.6	59.3	85.0	1519
311415	Parts, attachments and accessories of manometers, flowmeters and quantity gauges	14,236	21.3	78.7	29.9	52.5	475
311511	Industrial measures	29,309	60.5	39.5	62.2	75.8	3226
311512	Precision measuring machines and instruments	119,847	60.7	39.3	37.0	64.5	648
311513	Parts, attachments and accessories of precision measuring machines and instruments	13,580	0.0	100.0	16.6	34.1	197
311611	Optical analytical instruments	34,098	35.0	65.0	67.1	93.3	1722
311619	Miscellaneous analytical instruments	84,435	72.3	27.7	55.7	81.3	1296
311621	Parts, attachments and accessories of analytical instruments	21,035	13.0	87.0	43.4	68.4	819
311711	Material testing machines	30,980	30.8	69.2	42.4	67.0	745
311719	Miscellaneous testing machines	43,058	43.4	56.6	44.7	73.0	1023
311721	Parts, attachments and accessories of testing machines	8,435	45.3	54.7	46.3	67.1	1061
311911	Photometers, integrating photometers, illumination photometers and refractivity photometers	14,785	70.5	29.5	85.6	98.4	5133
311912	Pollution measuring instruments	50,812	65.3	34.7	63.2	90.5	1520
311919	Miscellaneous measuring instruments	281,167	57.7	42.3	57.9	75.8	1257
311921	Glass thermometers	7,001	66.0	34.0	76.3	90.2	3064
311931	Parts, attachments and accessories of measuring instruments, n.e.c.	48,852	8.5	91.5	32.2	54.0	507
312111	Gyro surveying instruments and magnetic compasses	9,093	48.2	51.8	80.4	97.3	2559
312119	Miscellaneous surveying instruments	31,991	70.5	29.5	75.9	94.4	2869
312121	Parts, attachments and accessories of surveying instruments	6,433	12.3	87.7	45.0	74.6	874
313111	Medical instruments, apparatus and equipment	585,028	65.5	34.5	37.9	60.5	676
313112	Hospital instruments, apparatus and equipment	36,262	11.3	88.7	26.5	54.3	393
313113	Parts, attachments and accessories of medical instruments and apparatus	64,305	28.9	71.1	29.9	49.8	421
313211	Dental instruments, apparatus and equipment	57,233	35.6	64.4	38.5	74.3	774
313212	Parts, attachments and accessories of dental instruments and apparatus	11,910	-	100.0	68.5	80.7	3156
313311	Veterinary instruments and apparatus, and parts, attachments and accessories	2,416	0.7	99.3	42.3	84.5	906
313411	Medical supplies	83,960	19.6	80.4	32.5	52.1	448
313511	Dental materials	86,486	14.0	86.0	46.0	71.6	1088
314111	Physical and chemical instruments	82,084	34.3	65.7	31.4	48.8	715
314112	Parts, attachments and accessories of physical and chemical instruments	12,893	36.7	63.3	52.3	74.0	1444
315111	Telescopes	7,990	55.7	44.3	78.7	95.7	3501
315112	Binoculars	5,187	8.2	91.8	66.0	96.5	2570
315113	Microscopes and magnifying glasses	37,755	84.2	15.8	90.6	97.4	7128
315114	Parts, attachments and accessories of microscopes and telescopes	8,654	-	100.0	25.2	56.1	414
315211	35-mm cameras	78,477	70.3	29.7	54.2	97.3	1354
315212	Cameras except 35-mm cameras	2,529	23.3	76.7	74.7	100.0	2679
315213	Photographic machines and related instruments	166,235	61.3	38.7	58.6	92.8	1584
315214	Parts, attachments and accessories of cameras	115,305	41.9	58.1	28.6	48.4	387
315311	Motion picture equipment	5,225	26.3	73.7	71.8	100.0	2261
315321	Parts, attachments and accessories of motion picture equipment	2,452	16.7	83.3	45.2	84.2	992
315411	Camera lenses	50,444	18.4	81.6	24.5	57.5	438
315412	Exchange lenses for cameras	59,821	74.0	26.0	60.1	89.0	1411

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
315413	Optical lenses	209,079	50.5	49.5	47.0	67.2	880
315414	Prisms	20,912	12.1	87.9	37.7	75.9	827
316111	Ophthalmic goods	6,922	-	100.0	63.6	84.8	1607
316112	Frames	52,507	0.0	100.0	24.8	48.8	347
316113	Lenses, including contact lenses	91,835	52.4	47.6	53.8	78.1	1360
316114	Parts of glasses	10,159	-	100.0	23.5	49.4	354
317111	Watches, including movements	146,982	94.8	5.2	84.0	99.7	3736
317112	Clocks, including movements	23,082	38.7	61.3	51.4	93.2	1209
317119	Miscellaneous watches and clocks	887	23.0	77.0	56.1	100.0	1742
317121	Parts of watches and clocks	79,522	51.9	48.1	31.8	62.5	578
317211	Portable watchcases	7,947	39.6	60.4	69.2	97.3	1895
317219	Miscellaneous watchcases	2,072	-	100.0	62.2	92.4	2009
321111	Precious metal accessories,including jewel, ivory and turtle products	153,882	7.1	92.9	25.3	42.8	329
321112	Natural and cultured pearl accessories, made by purchased pearls	35,185	18.1	81.9	59.1	84.7	1361
321211	Parts,accessories,material,processing and work goods of precious metal and precious stone accessories(piecework)	17,217	-	100.0	37.7	71.4	715
321911	Miscellaneous precious metal and precious stone except accessories	7,267	-	100.0	29.6	66.7	566
321919	Parts,accessories,material,processing and work goods of miscellaneous precious metal and precious stone except accessories	1,060	-	100.0	97.1	100.0	6542
322111	Pianos	46,567	99.3	0.7	99.7	100.0	6707
322211	Guitars, including electric guitars	6,534	-	100.0	49.9	89.2	1203
322911	Electronic musical instruments	41,349	78.2	21.8	79.4	98.3	3133
322919	Miscellaneous Western and Japanese musical instruments	63,392	64.3	35.7	71.3	82.4	4190
322921	Parts, attachments and accessories of musical instruments	55,096	38.6	61.4	53.1	73.6	1523
323111	Cards, Japanese parcheesi, trumps, Japanese playing cards, Japanese go, Japanese chess, mahjong pieces, game tables, etc.	6,945	16.1	83.9	47.4	78.2	925
323112	Household TV games	509,908	95.9	4.1	99.9	100.0	6307
323113	Electronic toys, using integrated circuits (IC)	87,201	83.0	17.0	90.9	97.8	6728
323114	Metal toys	10,950	-	100.0	54.7	79.9	1350
323115	Plastic model kits	18,442	-	100.0	84.3	93.2	4184
323116	Pneumatic vinyl toys	1,957	-	100.0	36.7	76.8	754
323119	Miscellaneous plastic toys	39,805	3.5	96.5	45.7	65.0	1532
323129	Miscellaneous games and toys	41,107	0.3	99.7	38.2	56.9	712
323131	Parts and accessories of games and toys	33,485	34.6	65.4	43.3	74.3	1022
323211	Japanese dolls, Western dolls, stuffed dolls	1,791	-	100.0	25.6	51.4	405
323212	Seasonal festival dolls, boys' festival dolls and girls' festival dolls	18,766	-	100.0	17.6	36.8	223
323219	Miscellaneous dolls	2,464	-	100.0	41.4	65.4	921
323221	Parts and accessories of dolls	8,495	-	100.0	17.5	49.0	331
323311	Children's vehicles, including parts and accessories	16,223	-	100.0	68.6	92.0	2130
323411	Baseball and softball goods	17,414	-	100.0	34.6	58.9	680
323412	Goods for basketball, volleyball, Rugby, soccer, etc.	8,710	10.0	90.0	69.4	81.2	2852
323413	Tennis, table tennis and badminton goods	17,135	68.2	31.8	68.4	88.5	2776
323414	Golf and hockey goods	87,162	60.8	39.2	38.8	86.4	882
323415	Skiing, water skiing and skating goods	10,083	3.9	96.1	51.0	90.0	1184
323416	Track, field and athletic goods	10,609	-	100.0	64.0	79.0	2936
323417	Fishing gears and accessories	105,266	51.7	48.3	57.2	72.9	1434
323419	Miscellaneous sporting and athletic goods	269,695	79.8	20.2	80.9	86.6	4525
323421	Parts and accessories of sporting and athletic goods	16,242	2.4	97.6	42.0	73.6	787
324111	Fountain pens	1,469	75.4	24.6	98.3	100.0	5951
324112	Mechanical pencils	14,574	45.5	54.5	71.5	96.2	2129
324113	Parts of pens and mechanical pencils, pen nibs and penholders	3,205	1.5	98.5	26.1	58.4	462

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
324211	Ball-point pens	58,091	44.9	55.1	51.4	92.8	1321
324212	Marking pens	38,283	25.0	75.0	37.1	84.7	848
324213	Parts of ball-point pens and marking pens	36,004	12.6	87.4	43.4	69.4	869
324311	Lead pencils	6,601	42.4	57.6	65.7	96.9	2061
324312	Pencil lead and holders, including mechanical pencil lead	8,211	81.0	19.0	91.8	100.0	4927
324411	Water paints	5,015	20.1	79.9	77.8	96.2	2429
324419	Miscellaneous painting materials	18,711	2.3	97.7	26.4	45.8	352
324911	Seals, inkpads, stamps, stamp pads	29,639	1.0	99.0	37.6	51.5	889
324912	Design and drawing instruments	1,885	-	100.0	37.1	82.3	826
324913	Office and industrial bond	5,549	0.1	99.9	62.4	87.4	1486
324919	Miscellaneous office supplies	29,433	5.9	94.1	21.9	46.5	315
324921	Parts and accessories of office supplies, n.e.c.	11,976	25.7	74.3	44.9	76.5	964
325111	Costume accessories,including tin and antimony products	26,141	2.0	98.0	15.9	31.9	180
325112	Accessories and ornaments	9,636	-	100.0	27.8	57.8	438
325113	Jewelry boxes and small article cases	6,066	-	100.0	46.7	69.5	1445
325114	Parts and accessories of costume jewelry and costume accessories, except precious metal and jewel products	9,177	-	100.0	29.4	54.3	463
325211	Artificial flowers and ornamental feathers	11,482	-	100.0	35.0	55.7	690
325311	Plastic buttons	10,997	-	100.0	41.8	72.3	974
325319	Miscellaneous buttons, including button-shaped products	10,046	20.6	79.4	54.8	79.4	1149
325411	Sewing needles and sewing machine needles	6,889	67.4	32.6	91.7	100.0	4922
325412	Slide fasteners	38,736	95.2	4.8	96.3	99.6	8555
325413	Snaps and hooks	12,079	-	100.0	61.5	92.4	1828
325419	Miscellaneous needles and related articles	15,345	19.6	80.4	32.1	57.9	567
325511	Wigs and tresses of false hair, including those for dolls	2,642	-	100.0	72.3	93.8	2224
326111	Lacquered furniture	18,032	-	100.0	15.1	34.6	185
326112	Lacquered kitchenware and tableware	14,103	0.9	99.1	18.7	30.6	214
326119	Miscellaneous lacquer ware	10,125	-	100.0	19.2	38.5	231
327111	Straws, panama hats and hat bodies, including paper twist hats and chip hats	2,206	-	100.0	32.0	60.6	551
327119	Miscellaneous straw goods	4,219	-	100.0	28.6	57.7	493
327211	Straw-mats and mat bases	55,540	0.4	99.6	4.3	9.2	26
327212	Tatami matting	3,841	-	100.0	13.5	29.4	158
327213	Mats and fancy mats	2,902	-	100.0	51.7	76.7	1083
327311	Fans, including frames	7,956	-	100.0	26.5	55.0	429
327312	Lanterns, including frames	12,816	-	100.0	24.8	50.0	385
327411	Toothbrushes	37,641	54.6	45.4	59.3	81.6	1626
327419	Miscellaneous brushes	48,067	0.5	99.5	33.9	50.1	553
327421	Cleaning tools	11,423	-	100.0	60.1	76.6	1473
327511	Men's umbrellas	1,647	-	100.0	83.1	100.0	2965
327512	Women's umbrellas, including parasols and children's umbrellas	2,142	-	100.0	63.2	98.6	1682
327519	Miscellaneous umbrellas, parasols and parts	1,963	-	100.0	79.6	96.5	2318
327611	Matches, including splints and boxes	2,847	-	100.0	54.6	89.4	1469
327711	Smoking accessories and supplies	11,809	-	100.0	79.5	92.0	4417
327811	Thermos bottles and cases, including jars and jar cases	14,879	6.5	93.5	79.2	99.3	2479
328111	Small arms (rifles), artilleries and launchers products	52,367	99.1	0.9	72.7	100.0	2213
328112	Small arms ammunition (bullets), shells (projectile) and explosives products	151,894	93.5	6.5	87.2	100.0	5041
328119	Miscellaneous ordnance and accessories	139,805	100.0	-	100.0	100.0	7838
328121	Parts and accessories of ordnance	54,737	93.7	6.3	58.5	95.4	1492
329111	Fireworks, including toy fireworks	18,123	6.8	93.2	18.9	34.3	218
329211	Signboards, signs and display equipment, not electrical and mechanical	212,029	6.3	93.7	12.8	19.5	91
329212	Signboards, signs and display equipment, electrical and mechanical	164,027	26.4	73.6	28.3	39.7	485

Commodity names		Shipment value	Large enterprises	Medium and small sized enterprises	Top 3 enterprises	Top 10 enterprises	H I
No.	Commodity names	(million yen)	Share (%)	Share (%)	Share (%)	Share (%)	
329311	Pallets	72,061	0.3	99.7	17.9	30.8	199
329411	Window dummies and lay figures	2,376	-	100.0	54.8	84.6	1259
329419	Miscellaneous models and patterns	16,737	-	100.0	26.0	42.9	349
329511	Pattern manufactured of industrial-use, including wooden patterns	112,863	1.3	98.7	14.7	24.6	122
329611	Audio disc records	86,132	83.2	16.8	75.4	97.9	3207
329612	Audio tape records	4,586	26.3	73.7	43.3	88.1	1007
329613	Video disc records	30,628	78.9	21.1	68.1	97.3	1707
329614	Video tape records	17,388	26.6	73.4	34.9	75.9	766
329615	Cassettes for games	122,941	99.5	0.5	99.8	100.0	8916
329619	Miscellaneous information recording materials	40,628	42.0	58.0	49.2	84.6	1154
329911	Fiber wall materials, including spray-coated materials for decoration	17,160	-	100.0	67.3	90.6	2304
329912	Incenses	30,565	-	100.0	55.7	79.6	1452
329913	Safety protectors and life saving apparatus	278,170	57.3	42.7	44.7	79.8	928
329914	Unit housing	204,394	29.7	70.3	52.1	98.8	1302
329915	Room units	285,261	82.9	17.1	59.0	86.4	1416
329919	Miscellaneous manufacturing products, n.e.c.	156,677	24.2	75.8	31.0	44.7	630