

Explanatory notes

- 1 Data for the *Port of Kobe: 2017 Statistical Report* has been collected and surveyed by the statistics team of the Promotion Section, Promotion Department, Port and Urban Projects Bureau, Kobe City Government. Statistics from the report are mainly from 2017, and have been collected in accordance with the Port Survey Regulations (Ministry of Transport Ordinance No.13 of 1956), which are based on the Statistics Act.
- 2 All ships with a gross tonnage of more than 5 were investigated, regardless of whether calling ships had cargo or not.
- 3 Unless otherwise indicated, the freight ton has been used as the unit for calculating the volume of cargo traffic. One freight ton is designated as a volume of 1.133 cubic metres (40 cubic feet), or a weight of 1,000 kilograms respectively, and the value used for these statistics is whichever value is larger.
- 4 In the statistics table, “-“ either means that there is no corresponding number or means zero.
- 5 Numbers less than one full unit are generally rounded to the nearest unit, but exceptional calculations are used if necessary. Due to this rounding, the total for each group of numbers may not equal 100%.
- 6 Data relating to Chinese ports and China routes generally include those for Hong Kong Port and the Hong Kong route.
- 7 TEU, the unit which has been used for statistics regarding the number of containers handled, refers to a Twenty-foot Equivalent Unit.
- 8 The classification criteria of container vessels are as follows:
 - ① Full container ships ······ vessels completely equipped with cell guides
 - ② Semi-container vessels ······ vessels partly equipped with cell guides, container vessels without cell guides, lighter aboard ships and roll-on/roll-off vessels

1 The Port of Kobe: 2017 Statistical Report

The number and gross tonnage of ships calling at the Port of Kobe

The total number of foreign trade and domestic trade ships calling at the Port of Kobe was 34,934 ships (down 0.7% year-on-year), and the total gross tonnage was 185.77 million tons (down 1.9%, see table 1)

(1) Foreign trade ships

The number of foreign trade ships was 6,733 ships (down 0.4% year-on-year), and total gross tonnage was 139.4 million (down 2.0%, see table 1).

Broken down by route, the number of foreign trade ships sailing to and from China was 1,586 ships, up 6.5% year-on-year. This route had the highest volume of travel of all routes, continuing the trend from the previous year. Other major routes were the Thailand/Indochina route, Korea route, and Singapore/Malaysia route, with 1,112 ships (down 5.9%), 564 ships (up 14.9%), and 186 ships (down 2.6%), respectively (see table 2).

Broken down by ship category, full container ships were ranked first among foreign trade ships, as in the previous year, with 3,899 ships (down 0.3%), and a total gross tonnage of 86.29 million (down 3.8%). For other ship categories, the number of cargo ships was 1,099 ships (down 1.4%), with a total gross tonnage of 13.32 million (down 1.6%). The number and total gross tonnage of liquid tankers, and pure car carriers were 563 ships (up 4.5%) and 4.5 million gross tonnage (up 7.4%), and 400 ships (down 4.1%) and 22.57 million gross tonnage (up 1.7%), respectively (see table 3).

(2) Domestic trade ships

The total number of domestic trade ships was 28,201 ships (down 0.8% year-on-year), and the total gross tonnage was 46.37 million (down 1.4%, see table 1).

Broken down by ship category, the number of domestic cargo ships was 10,746 ships (down 3.2%), with a total gross tonnage of 10.97 million (down 1.7%). This category was ranked first out of all domestic trade ships, continuing the trend from the previous year. Regarding other ships, the number of cruise ships was 8,155 (down 1.3%) with a total gross tonnage 10.36 million (up 0.4%). The number of tugboats was 2,871 (up 7.6%) with a total gross tonnage of 310,000 million (down 9.5%). The number of ferry ships was 2,669 (down 2.3%) with a total gross tonnage of 21.17 million (down 2.6%, see table 4).

Table 1 Annual Trends in Number of Ships Calling

(Units: No. of ships; 1,000 GT)

Year	No. of ships calling		Total foreign trade ships				Total domestic trade ships		Ferry ships	
	No. of ships	1,000GT	No. of ships	1,000GT	No. of ships	1,000GT	No. of ships	1,000GT	No. of ships	1,000GT
1994	87,708	303,439	10,836	164,846	4,653	112,537	76,872	138,592	35,806	117,030
2009	36,482	187,076	7,525	144,953	4,124	96,787	28,957	42,123	2,791	20,565
2010	37,910	190,436	7,568	148,591	4,101	96,038	30,342	41,846	2,442	18,722
2011	36,638	185,939	7,259	144,486	4,168	94,857	29,379	41,453	2,404	18,324
2012	36,007	183,970	7,144	141,483	4,048	90,828	28,863	42,487	2,392	18,489
2013	36,338	183,485	7,159	140,294	4,040	87,460	29,179	43,191	2,389	18,431
2014	35,831	185,096	6,965	142,554	3,995	87,060	28,866	42,541	2,410	18,984
2015	35,074	189,746	6,903	144,371	3,908	87,659	28,171	45,376	2,714	21,798
2016	35,189	189,316	6,757	142,284	3,911	89,721	28,432	47,031	2,733	21,735
2017	34,934	185,771	6,733	139,398	3,899	86,289	28,201	46,373	2,669	21,171

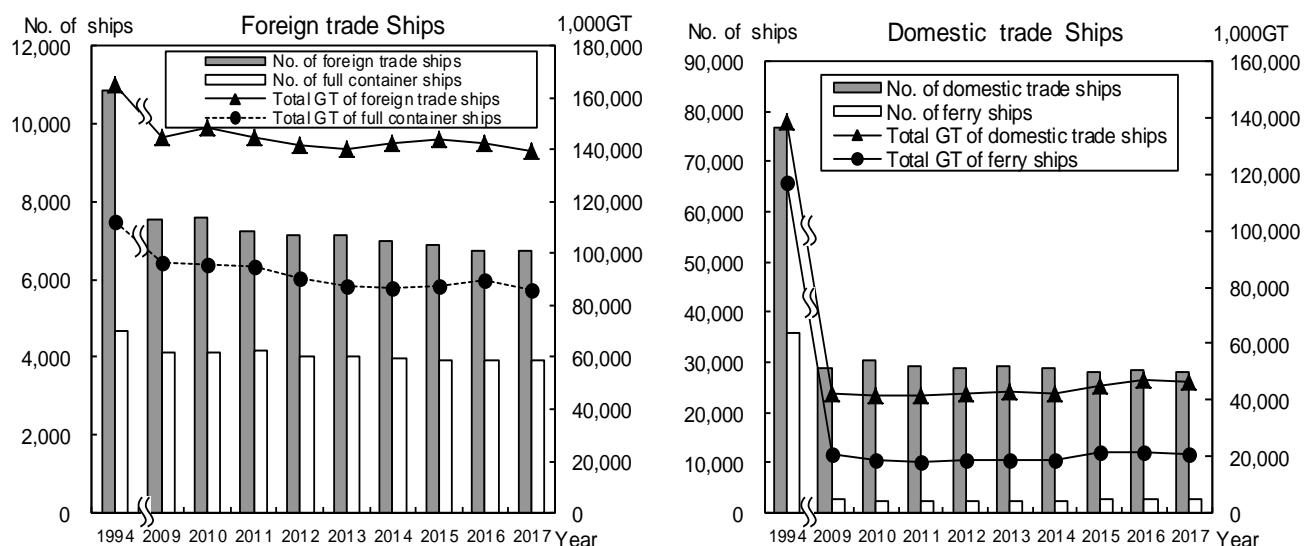
* * * Annual Trends in number of ships calling * * *

Table 2 Comparison of routes of foreign trade ships (Top10)

* * * Number of ships calling: comparison of routes * * *

Route	2017		2016		Y/Y	
	No. of ships	1,000GT	No. of ships	1,000GT	No. of ships	1,000GT
Total	6,733	139,398	6,757	142,284	99.6%	98.0%
1 China	1,586	16,194	1,489	15,226	106.5%	106.4%
2 Thailand/Indochina	1,112	21,517	1,182	21,427	94.1%	100.4%
3 Korea	564	3,823	491	3,521	114.9%	108.6%
4 Singapore/Malaysia	186	7,201	191	7,197	97.4%	100.1%
5 Indonesia	159	5,631	161	5,657	98.8%	99.5%
6 Philippines Route	134	2,835	113	2,046	118.6%	138.6%
7 North America West Coast (P.S.W)	122	6,036	126	6,315	96.8%	95.6%
8 Europe	110	9,266	167	15,233	65.9%	60.8%
9 North America West Coast Route (P.N.W)	103	7,665	105	8,340	98.1%	91.9%
10 Zealand	74	2,419	69	2,376	107.2%	101.8%

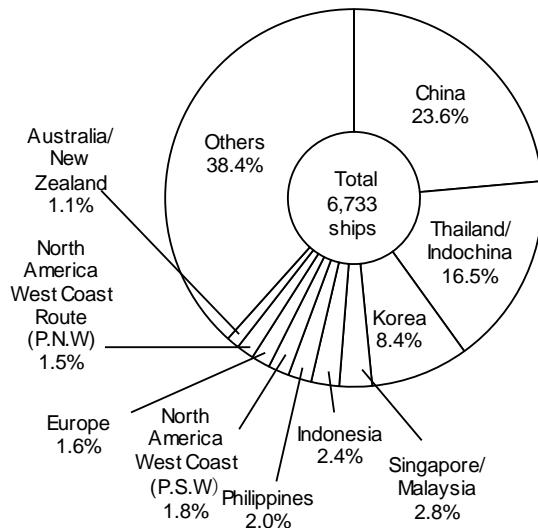


Table 3 Comparison of types/uses of foreign trade ships

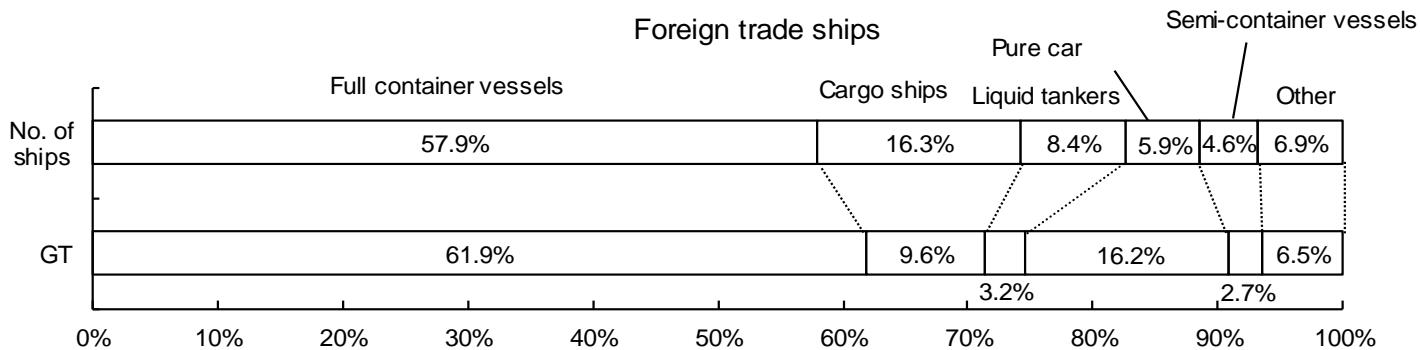
(Units: No. of ships, 1,000 GT)

Ships by types, uses	2017		2016		Y/Y	
	No. of ships	1,000GT	No. of ships	1,000GT	No. of ships	1,000GT
Total	6,733	139,398	6,757	142,284	99.6%	98.0%
1 Cruise ships	53	3,078	46	2,747	115.2%	112.0%
2 Cargo-passenger ships	27	393	26	378	103.8%	103.8%
3 Cargo ships	1,099	13,320	1,115	13,539	98.6%	98.4%
4 Grain tankers	123	3,404	144	3,926	85.4%	86.7%
5 Ore tankers	1	83	-	-	-	-
6 Liquid tankers	563	4,496	539	4,184	104.5%	107.4%
7 Log carriers	1	24	-	-	-	-
8 Pure car carriers	400	22,570	417	22,203	95.9%	101.7%
9 Banana ships	249	2,003	232	1,888	107.3%	106.1%
10 Full Container vessels	3,899	86,289	3,911	89,721	99.7%	96.2%
11 Semi-container vessels	307	3,727	319	3,677	96.2%	101.4%
12 Other	11	11	8	20	137.5%	56.3%

Table4 Comparison of types/uses of domestic trade ships

(Units: No. of ships, 1,000 GT)

Ships by types, uses	2017		2016		Y/Y	
	No. of ships	1,000GT	No. of ships	1,000GT	No. of ships	1,000GT
Total	28,201	46,373	28,432	47,031	99.2%	98.6%
1 Cargo ships	10,746	10,974	11,098	11,166	96.8%	98.3%
(Of these, Pure car carriers)	(423)	(4,414)	(451)	(4,512)	(93.8%)	(97.8%)
2 Cruise ships	8,155	10,362	8,263	10,324	98.7%	100.4%
3 Cargo-passenger ships	73	440	76	464	96.1%	94.6%
4 Oil tankers	1,513	1,170	1,591	1,266	95.1%	92.4%
5 Liquid tankers	1,226	913	1,143	832	107.3%	109.8%
6 Cement tankers	190	326	196	320	96.9%	101.9%
7 Other tankers	1	5	6	19	16.7%	28.4%
8 Ferry ships	2,669	21,171	2,733	21,735	97.7%	97.4%
9 Fishing boats	4	2	1	1	400.0%	292.7%
10 Tugboats	2,871	312	2,668	345	107.6%	90.5%
11 Other	753	697	657	558	114.6%	124.8%

** * * Percentage ratio of types of ship/uses * * ****Domestic trade ships**

Category	Percentage
Cargo ships	38.1%
Cruise ships	28.9%
Tugboat	10.2%
Ferry ships	9.5%
Oil tankers	45.7%
Others	5.4%
Total	100%

Category	Percentage
Cargo ships	23.7%
Cruise ships	22.3%
Tugboat	0.7%
Ferry ships	45.7%
Oil tankers	2.5%
Others	5.1%
Total	100%

Volume of cargo traffic

The total volume of cargo traffic was 99.86 million tons (up 1.6% year-on-year). Of this figure, the total foreign trade cargo was 52.72 million tons (up 1.9%), and total domestic trade cargo was 47.14 million tons (up 1.2%).

(1) Export cargo

The volume of export cargo was 24.07 million tons (up 3.3% year-on-year, see table 5).

Broken down by items, the volume "Industrial Machinery" exported was ranked first at 3.88 million tons (16.1% of the total). For other items, the next largest export volumes were of "Dyestuffs, Paints, Synthetic Resins, and Other Chemical Industries Products" and "Motor Vehicles", with 3.11 million tons (12.9% of the total) and 2.95 million tons (12.3% of the total) respectively (see table 6).

Broken down by area, the volume of export cargo to Asia was 18.35 million tons (76.2% of the total), and was ranked first in all areas, continuing from the previous year. This was followed by North America and Europe with 3.12 million tons (13.0% of the total) and 1.19 million tons (4.9% of the total) respectively (see table 7).

Broken down by country/region, the volume of export cargo to China was 6.67 million tons (27.7% of the total), continuing to be ranked first for the 19th consecutive year. This was followed by the U.S. and Singapore with 2.63 million tons (10.9% of the total) and 2.42 million tons (10.1% of the total) respectively (see Table 8)

Table 5 Trends in the volume of export cargo

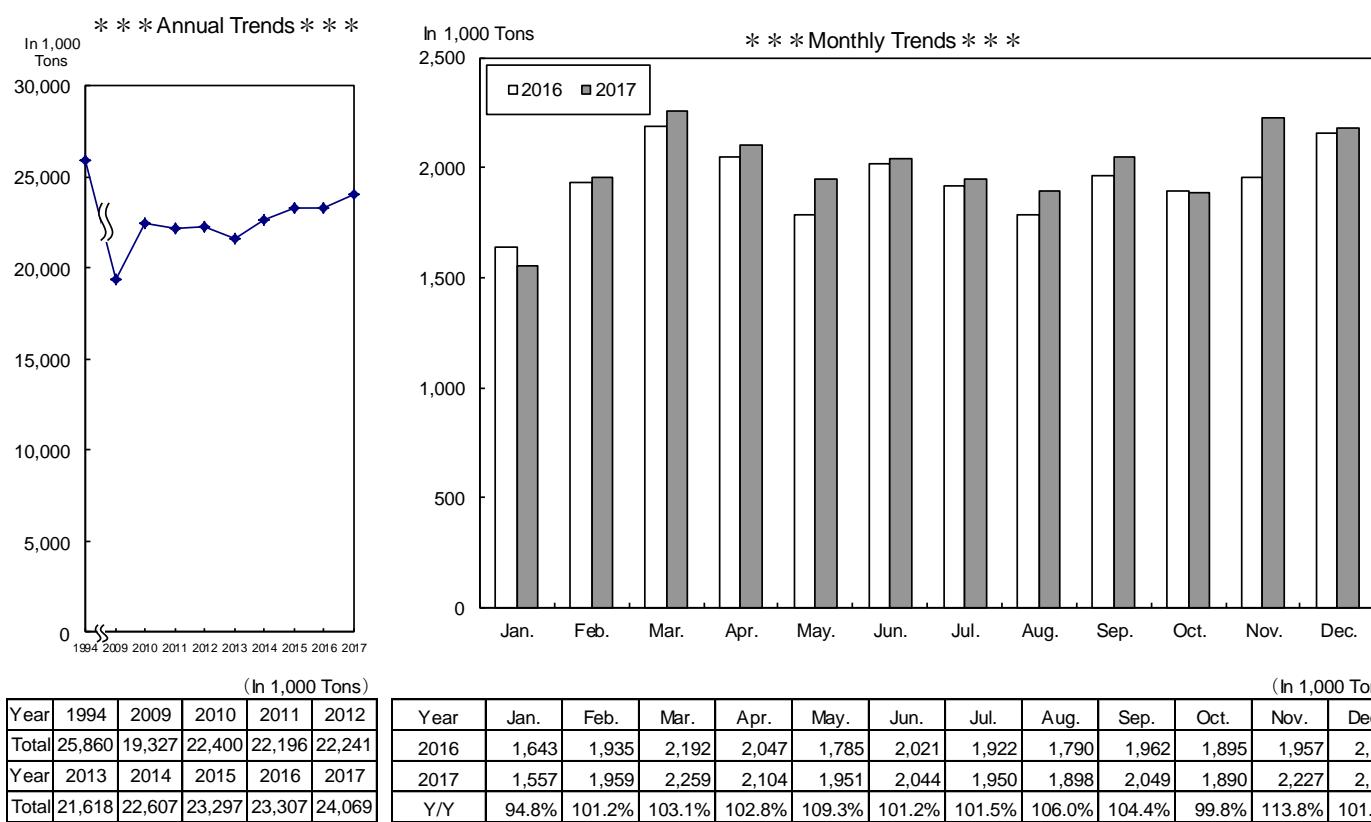


Table6 Export cargoes broken down by items

Items	(In 1,000 Tons)		
	2017 composition ratio	2016	Y/Y
Total	24,069	100.0%	23,307
1 Industrial Machinery	3,884	16.1%	3,788
Dyestuffs, Paints, Synthetic Resins, and Other Chemical Industry Products	3,113	12.9%	3,036
2 Motor Vehicles	2,951	12.3%	2,547
4 Steel Materials	2,003	8.3%	1,945
5 Automotive Parts	1,852	7.7%	2,121
6 Chemicals	1,210	5.0%	1,019
7 Electric Machinery	1,106	4.6%	1,101
8 Reusable Materials	800	3.3%	893
9 Other Textile Industrial Products	621	2.6%	598
10 Yarn and Spinning Semi-processed Products	603	2.5%	589
The Others	5,926	24.6%	5,670
			104.5%

* * * Export cargoes: Percentage ratios of items * * *

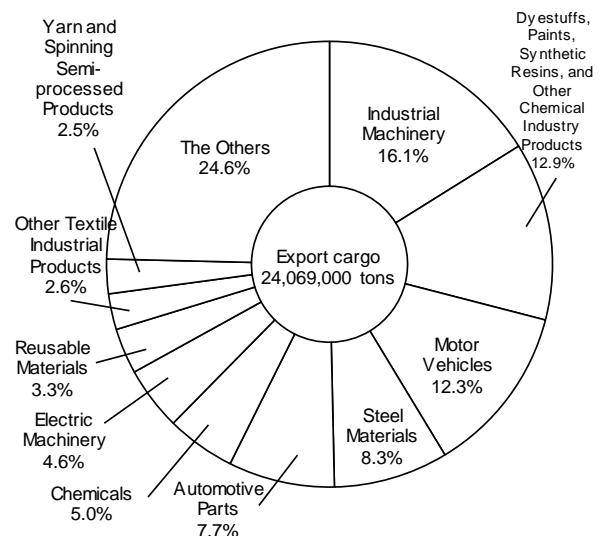


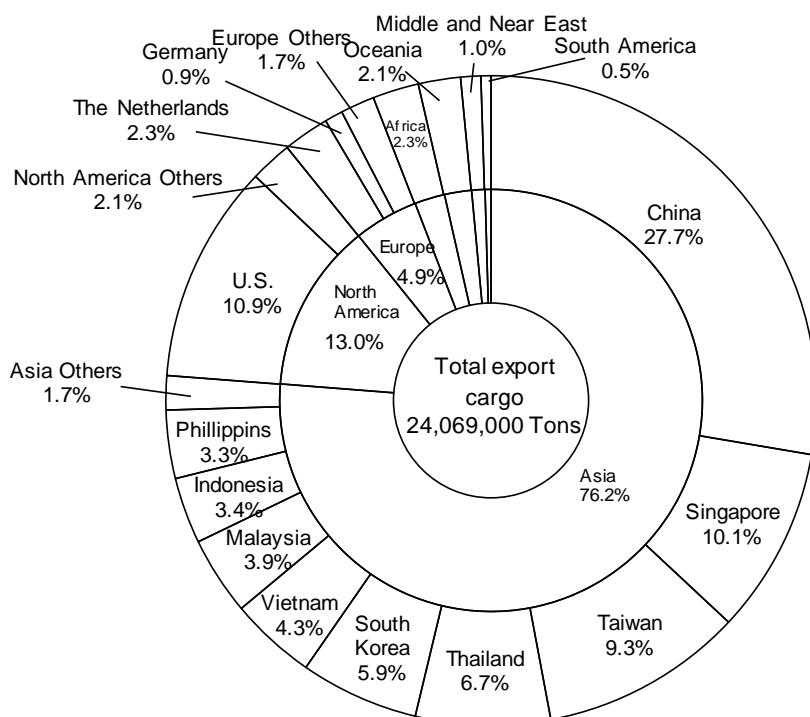
Table7 Export cargoes broken down by area

Area	(In 1,000 Tons)		
	2017 % of total	2016	Y/Y
Total	24,069	100.0%	23,307
1 Asia	18,352	76.2%	17,865
2 North America	3,123	13.0%	3,246
3 Europe	1,187	4.9%	921
4 Africa	556	2.3%	491
5 Oceania	498	2.1%	447
6 Middle and Near East	244	1.0%	276
7 South America	110	0.5%	61

Table8 Export cargo by country/region

Country/region	(In 1,000 Tons)		
	2017 % of total	2016	Y/Y
1 China	6,666	27.7%	6,288
2 U.S.	2,629	10.9%	2,860
3 Singapore	2,424	10.1%	1,908
4 Taiwan	2,229	9.3%	2,446
5 Thailand	1,618	6.7%	1,712
6 South Korea	1,418	5.9%	1,470
7 Vietnam	1,035	4.3%	1,291
8 Malaysia	948	3.9%	1,100
9 Indonesia	826	3.4%	658
10 Philippines	782	3.3%	662

* * * Export cargoes: Ratio of Areas and Countries/Regions * * *



(2) Import cargo

The total volume of import cargo was 28.65 million tons (up 0.8% year-on-year) (see table 9)

Broken down by items, the volume of “Coal” imported was 3.42 million tons (11.9% of the total), and was ranked first in all items, continuing the trend from the previous year. This was followed by “Clothes, Personal Goods and Footwear” and “Chemicals” with 1.76 million tons (6.1% of the total) and 1.75 million tons (6.1% of the total) respectively (See table 10)

Broken down by area, the volume of import cargo from Asia was 17.56 million tons (61.3% of the total), and was ranked first in all areas, continuing the trend from the previous year. This was followed by North America and Oceania with 6.87 million tons (24.0% of the total) and 2.54 million tons (8.9% of the total), respectively (See table 11).

Broken down by country/region, the volume of import cargo from China was 8.59 million tons (30.0% of the total), continuing to be ranked first for the 18th consecutive year. After China, the U.S. and Australia had the next largest import cargo volumes with 5.44 million tons (19.0% of the total) and 2.31 million tons (8.1% of the total), respectively (see table 12).

Table 9 Trends in the volume of import cargo

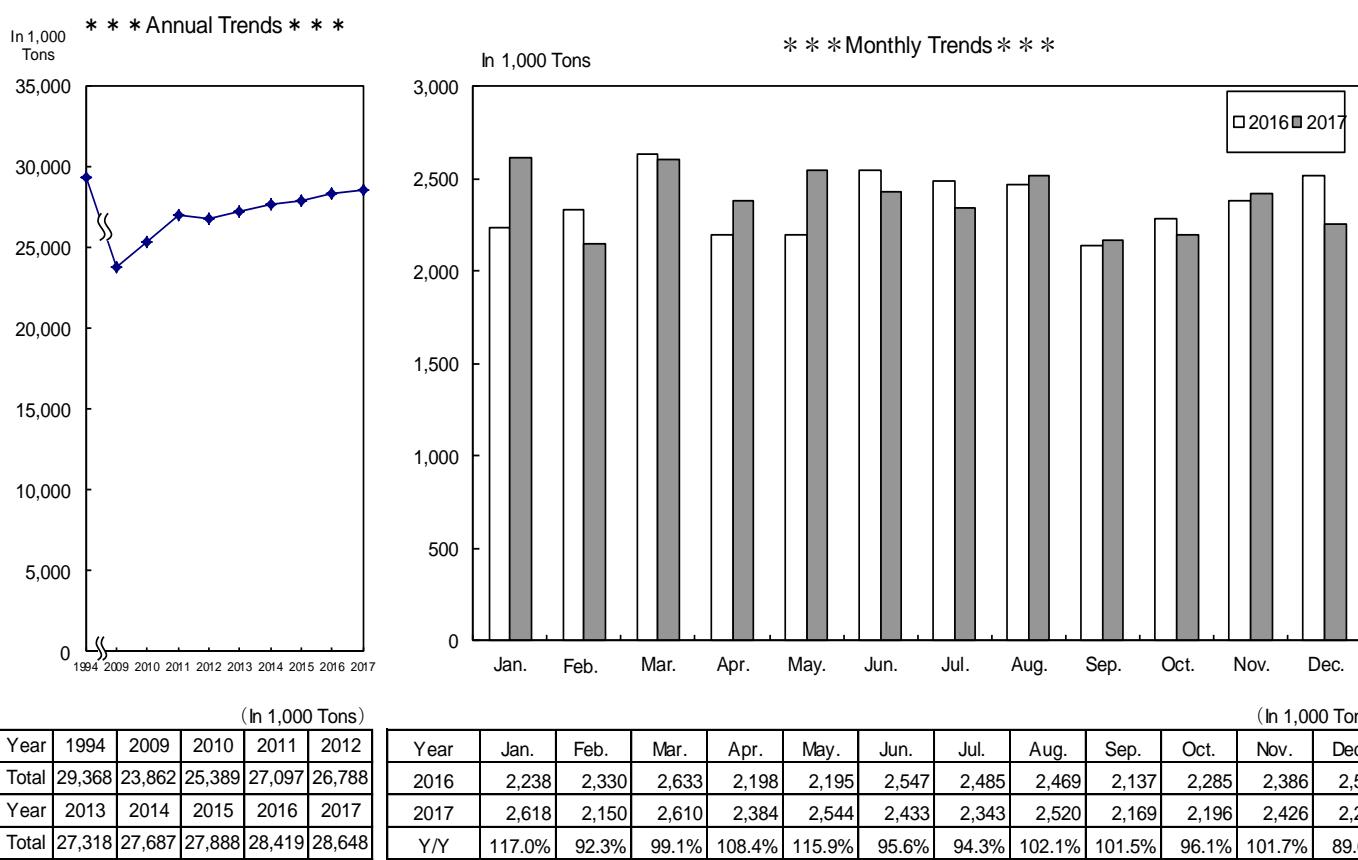


Table10 Import cargoes broken down by items

** * * Percentage ratio of import cargo by items * * **

Items	2017	(In 1,000 Tons)		
		% of Total	2016	Y/Y
Total	28,648	100.0%	28,419	100.8%
1 Coal	3,419	11.9%	3,863	88.5%
2 Clothes, Personal Goods, and Footwear	1,757	6.1%	1,706	103.0%
3 Chemicals	1,749	6.1%	1,607	108.8%
4 Dyestuffs, Paints, Synthetic Resins, and Other Chemical Industry Products	1,631	5.7%	1,560	104.5%
5 Processed Foodstuffs	1,357	4.7%	1,264	107.4%
6 Furniture and Fixtures	1,271	4.4%	1,393	91.2%
7 Lumber	1,210	4.2%	1,113	108.7%
8 Manufactured Animal and Vegetable Feedstuffs and Manure	1,209	4.2%	1,206	100.3%
9 Other Agricultural Products	1,106	3.9%	1,098	100.7%
10 Fruits and Vegetables	1,086	3.8%	1,125	96.5%
The Others	12,853	44.9%	12,483	103.0%

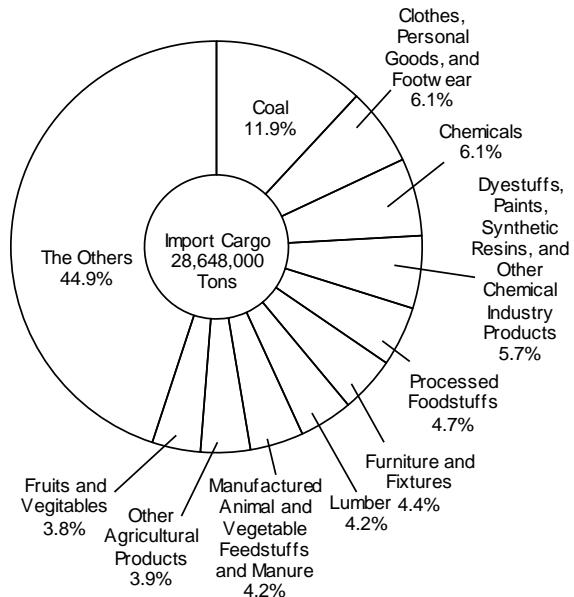


Table 11 Import cargo broken down by area

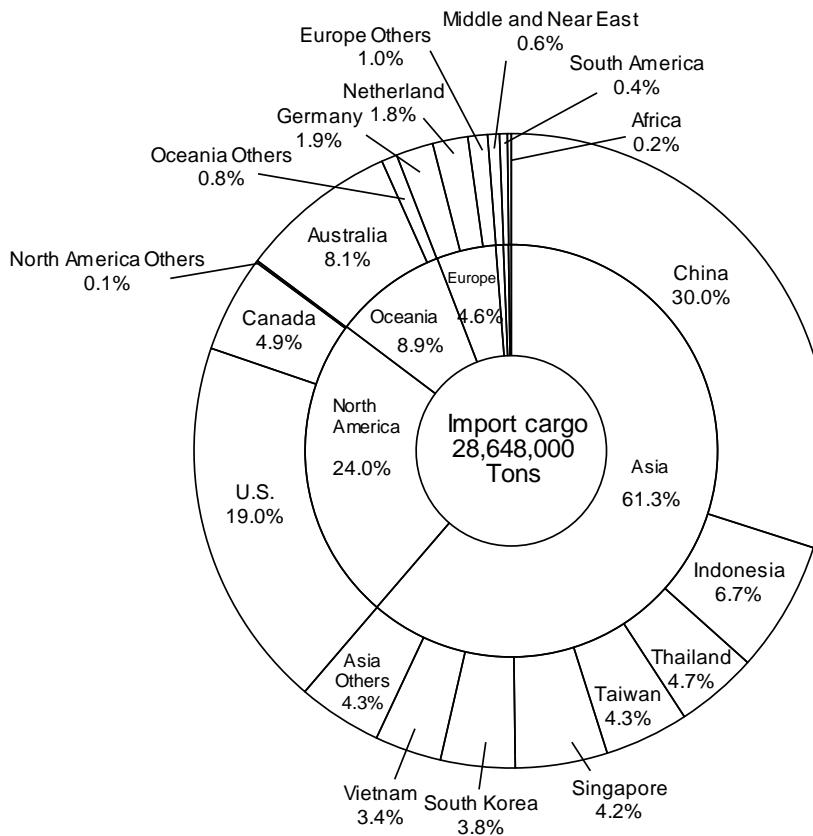
(In 1,000 Tons)

Area	2017	(In 1,000 Tons)		
		% of Total	2016	Y/Y
Total	28,648	100.0%	28,419	100.8%
1 Asia	17,561	61.3%	16,932	103.7%
2 North America	6,870	24.0%	6,774	101.4%
3 Oceania	2,541	8.9%	2,695	94.3%
4 Europe	1,329	4.6%	1,591	83.5%
5 Middle and Near East	169	0.6%	208	81.0%
6 South America	115	0.4%	212	54.2%
7 Africa	64	0.2%	7	941.9%

Table 12 Import cargo broken down by country/region

(In 1,000 Tons)

Country/region	2017	(In 1,000 Tons)	
		% of Total	2016
1 China	8,591	30.0%	7,569
2 U.S.	5,444	19.0%	5,233
3 Australia	2,310	8.1%	2,505
4 Indonesia	1,905	6.7%	2,056
5 Canada	1,395	4.9%	1,522
6 Thailand	1,335	4.7%	1,277
7 Taiwan	1,227	4.3%	1,286
8 Singapore	1,202	4.2%	1,367
9 South Korea	1,085	3.8%	1,119
10 Vietnam	985	3.4%	973

** * * Percentage ratio of import cargo by areas and countries/regions * * **

(3) Foreign container cargo and the volume of total foreign trade containers

◇Foreign container cargo

The volume of foreign container cargo was 38.95 million tons (up 1.8% year-on-year). Of this figure, the volume of export cargo was 18.57 million tons (up 0.3%), and that of import cargo was 20.38 million tons (up 3.2%). The total containerized ratio (the percentage of cargo transported within containers) was 73.9%. The containerized ratio for export cargo was 77.2%, and for import cargo was 71.1% (see table 13).

〈Export container cargo〉

Broken down by items, the volume of export container cargo consisting of "Dyestuffs, Paints, Synthetic Resins and Other Chemical Industry Products" was 3.11 million tons (16.7% of the total), and was ranked first, continuing from the previous year. This was followed by "Industrial Machinery" and "Automotive Parts", with 2.11 million tons (11.4% of the total) and 1.81 million tons (9.8% of the total), respectively (see table 14)

〈Import container cargo〉

Broken down by items, the volume of import container cargo consisting of "Clothes, Personal Goods and Footwear" was 1.76 million tons (8.6% of the total), and was ranked first continuing from the previous year. This was followed by "Dyestuffs, Paints, Synthetic Resins, and Other Chemical Industry Products" and "Processed Foodstuffs", with 1.47 million tons (7.2% of the total) and 1.36 million tons (6.7% of the total), respectively (see table 15).

Broken down by country/region, the volume of foreign container cargo to and from China was 14.66 million tons (37.6% of total), and was ranked first, continuing from the previous year. For other countries/regions, the U.S. and Singapore had the largest volume of container cargo, with 5.15 million tons (13.2% of the total) and 3.44 million tons (8.8% of the total) respectively (see table 16).

◇The total volume of containers for foreign trade

The total volume of containers for foreign trade including both full and empty containers was 2.22 million TEU (up 3.7% year-on-year). Of this figure, the volume of export containers was 1.19 million TEU (up 3.1%), and of import containers was 1.03 million TEU (up 4.3%).

The total volume of containers for domestic trade was 710 thousand TEU (up 6.8%), which, when added to the volume of containers for foreign trade makes a total of 2 million and 924 thousand TEU (up 4.4% year-on-year) and it reached the highest level ever (see table 13).

※1 TEU = Twenty-foot Equivalent Unit

Table13 Annual Trends in amount of foreign container cargoes

(Unit:1,000 tons, 1,000 TEUs)

Year	Foreign trade cargo			Foreign container cargo					Number of containers			
	Total	Export	Import	Total	(Containerized ratio)	Export	(Containerized ratio)	Import	(Containerized ratio)	Total	Export	Import
1994	55,228	25,860	29,368	42,184	76.4%	20,800	80.4%	21,384	72.8%	2,705	1,354	1,350
2009	43,188	19,327	23,862	30,525	70.7%	14,689	76.0%	15,835	66.4%	1,773	946	827
2010	47,790	22,400	25,389	34,804	72.8%	17,327	77.4%	17,477	68.8%	2,018	1,092	926
2011	49,293	22,196	27,097	35,689	72.4%	17,242	77.7%	18,446	68.1%	2,097	1,129	968
2012	49,029	22,241	26,788	34,919	71.2%	16,743	75.3%	18,177	67.9%	2,071	1,118	953
2013	48,937	21,618	27,318	34,413	70.3%	15,963	73.8%	18,450	67.5%	2,049	1,098	951
2014	50,293	22,607	27,687	35,720	71.0%	16,885	74.7%	18,835	68.0%	2,051	1,100	951
2015	51,185	23,297	27,888	37,168	72.6%	17,804	76.4%	19,364	69.4%	2,115	1,132	983
2016	51,726	23,307	28,419	38,259	74.0%	18,510	79.4%	19,749	69.5%	2,141	1,150	991
2017	52,718	24,069	28,648	38,946	73.9%	18,570	77.2%	20,376	71.1%	2,219	1,185	1,034

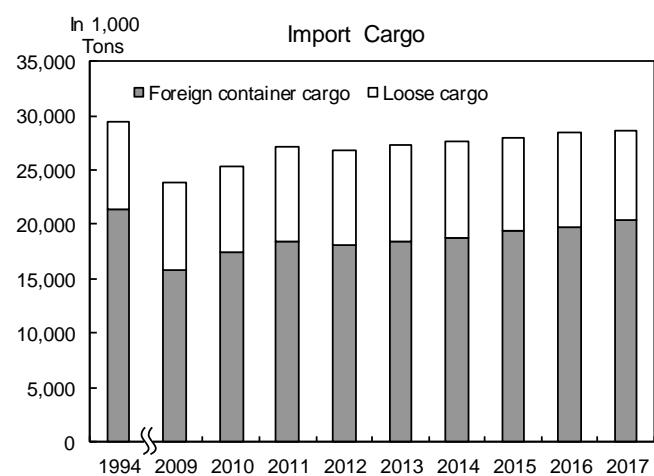
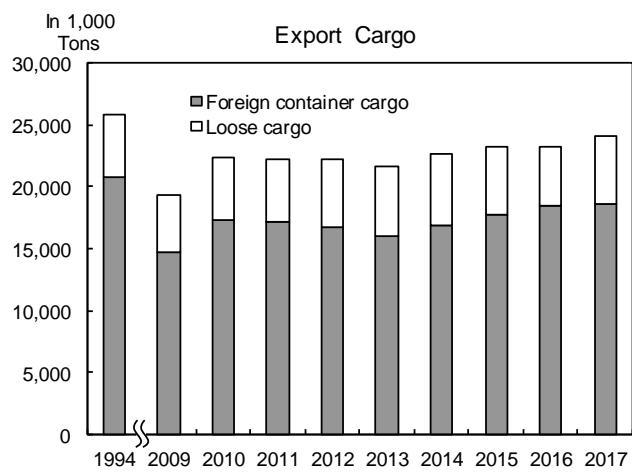
* * * Foreign trade and container cargo * * *

Table14 Volume of export container cargoes broken down by items

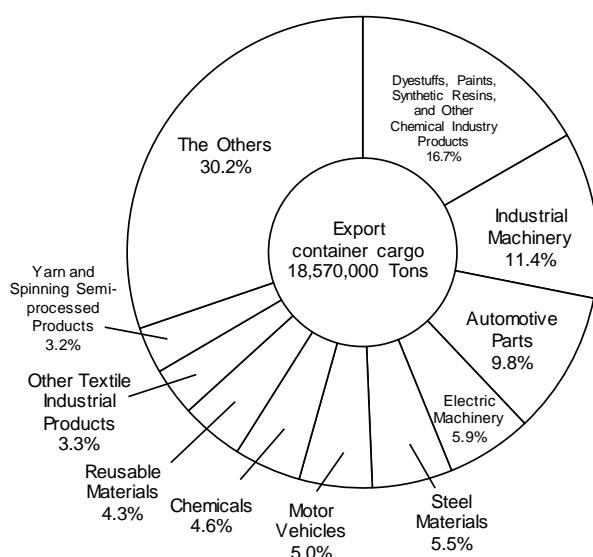
Items	(In 1,000 Tons)			
	2017	2016	% of total	Y/Y
Total	18,570	18,510	100.0%	100.3%
1 Dyestuffs, Paints, Synthetic Resins, and Other Chemical Industry Products	3,107	3,034	16.7%	102.4%
2 Industrial Machinery	2,109	2,043	11.4%	103.2%
3 Automotive Parts	1,812	2,104	9.8%	86.1%
4 Electric Machinery	1,087	1,093	5.9%	99.4%
5 Steel Materials	1,024	896	5.5%	114.3%
6 Motor Vehicles	936	1,035	5.0%	90.4%
7 Chemicals	861	739	4.6%	116.4%
8 Reusable Materials	800	893	4.3%	89.6%
9 other Textile Industrial Products	621	598	3.3%	103.8%
10 Yarn and Spinning Semi-processed Products	603	589	3.2%	102.4%
The Others	5,610	5,485	30.2%	102.3%

Table15 Volume of import container cargoes broken down by items

Items	(In 1,000 Tons)			
	2017	2016	% of total	Y/Y
Total	20,376	19,749	100.0%	103.2%
1 Clothes, Personal Goods, and Footwear	1,757	1,706	8.6%	103.0%
2 Dyestuffs, Paints, Synthetic Resins, and Other Chemical Industry Products	1,473	1,448	7.2%	101.8%
3 Processed Foodstuffs	1,357	1,264	6.7%	107.4%
4 Furniture and Fixtures	1,271	1,393	6.2%	91.2%
5 Lumber	1,210	1,113	5.9%	108.8%
6 Manufactured Animal and Vegetable Feedstuffs and Manure	1,209	1,206	5.9%	100.3%
7 Electric Machinery	929	926	4.6%	100.4%
8 Other Livestock Products	867	796	4.3%	109.0%
9 Metallic Products	844	823	4.1%	102.5%
10 Chemicals	825	737	4.0%	111.9%
The Others	8,633	8,338	42.4%	103.5%

* * * Foreign container cargo: percentage of total by items * * *

Export Cargo



Import Cargo

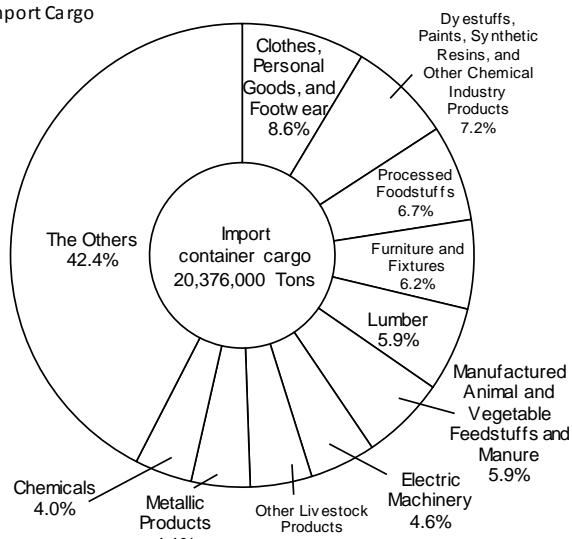
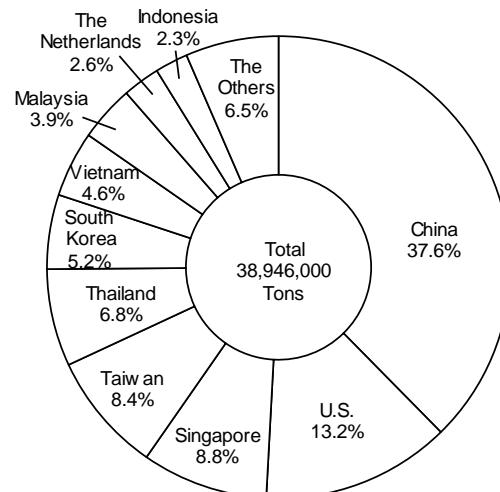


Table16 Export and import container cargo by country/region

Countries/regions	(In 1,000 Tons)			
	2017	2016	% of total	Y/Y
Total	38,946	38,259	100.0%	101.8%
1 China	14,661	13,336	37.6%	109.9%
2 U.S.	5,153	5,357	13.2%	96.2%
3 Singapore	3,440	3,114	8.8%	110.5%
4 Taiwan	3,267	3,593	8.4%	90.9%
5 Thailand	2,651	2,674	6.8%	99.1%
6 South Korea	2,023	2,042	5.2%	99.1%
7 Vietnam	1,807	2,058	4.6%	87.8%
8 Malaysia	1,501	1,794	3.9%	83.7%
9 The Netherlands	1,017	854	2.6%	119.1%
10 Indonesia	892	810	2.3%	110.1%
The Others	2,534	2,627	6.5%	96.4%

Percentage ratio of foreign container cargo by country/region



(4) Domestic trade cargo

The total volume of domestic trade cargo was 47.14 million tons (up 1.2% year-on-year). Of this, the volume of outbound cargo was 19.62 million tons (up 3.3%), and that of inbound cargo was 27.52 million tons (down 0.2%, see table 17).

The total volume of domestic cargo travelling through Kobe for domestic import was 6.85 million tons (up 1.1% year-on-year). Of this, the volume of outbound cargo was 2.94 million tons (up 13.2%), and that of inbound cargo was 3.91 million tons (down 6.4%, see table 18).

◇Domestic trade cargo carried by ferry boats

The total volume of domestic trade cargo carried by ferry boats was 29.02 million tons (up 4.5% year-on-year). Of this, the volume of outbound domestic cargo was 13 million tons (up 3.3%), and that of inbound domestic cargo was 16.02 million tons (up 5.4%, see table 18).

Regarding the types of vehicles carried by ferries, the number of HGVs was 200 thousand (down 4.2%), and the number of cars was 200 thousand (up 3.2%, see table 19).

◇Other domestic trade cargo

The volume of total domestic trade cargo excluding cargo carried by ferry boats was 18.12 million tons (down 3.6% year-on-year). Of the figure, the volume of outbound domestic cargo was 6.62 million tons (up 3.3%), that of inbound domestic cargoes was 11.5 million tons (down 7.2%, see table 20).

⟨Outbound domestic cargo⟩

Broken down by items, the leading outbound domestic items excluding “Mixed Lots” was “Steel Materials”, with 1.06 million tons (15.9% of the total), followed by “Manufactured Animal and Vegetable Feedstuffs and Manure”, with 530 thousand tons (7.9% of the total).

⟨Inbound domestic cargo⟩

Broken down by items, the leading inbound domestic items excluding “Mixed Lots” was “Iron ore”, with 1.74 million tons (15.1% of the total), followed by “Petroleum Products”, with 1.4 million tons (12.1% of the total).

Table17 Annual trends in the volume of domestic trade cargo

Year	Domestic trade cargo			Of these, domestic trade cargo carried by ferry boats		
	Total	Outbound	Inbound	Total	Outbound	Inbound
1994	115,774	52,911	62,864	97,203	46,445	50,759
2009	33,839	13,797	20,042	17,345	8,107	9,238
2010	37,743	15,040	22,703	19,204	8,785	10,419
2011	37,724	15,521	22,203	19,921	9,237	10,684
2012	38,176	15,907	22,269	20,889	9,780	11,109
2013	39,417	16,472	22,945	21,899	10,260	11,638
2014	42,093	17,639	24,454	24,033	11,124	12,909
2015	45,817	18,839	26,978	27,828	12,708	15,120
2016	46,588	18,998	27,590	27,780	12,592	15,189
2017	47,143	19,622	27,521	29,018	13,002	16,016

* * * Annual Trends in volume of domestic trade cargo * * *

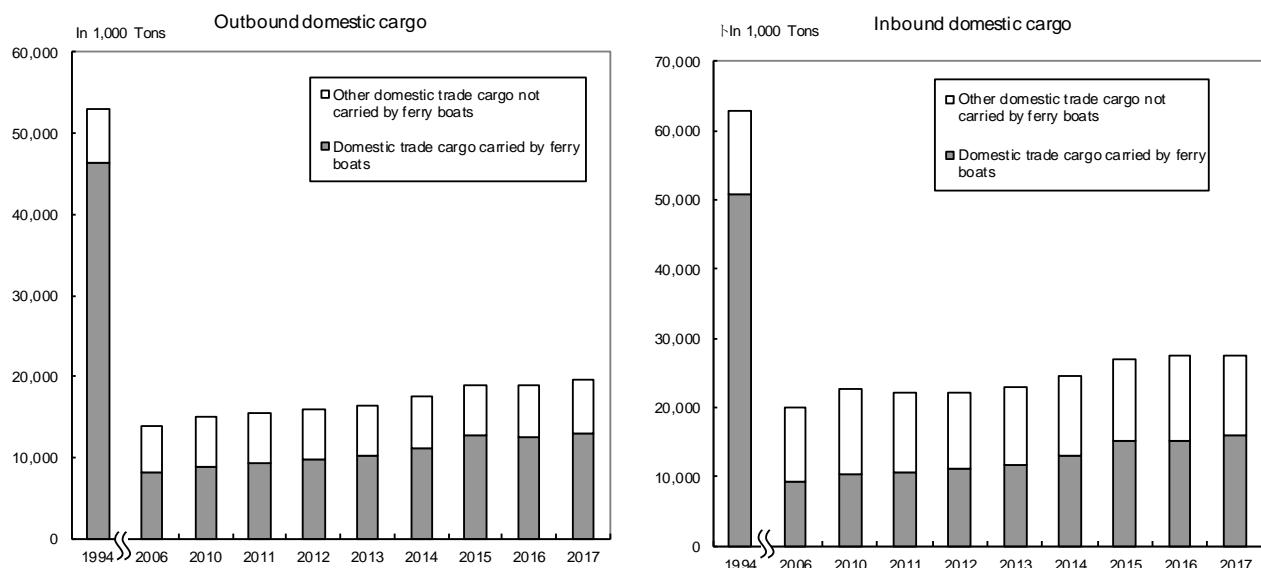


Table18 Volume of domestic trade cargo broken down by type

Outbound domestic cargo		(In 1,000 Tons)			Inbound domestic cargo		(In 1,000 Tons)		
Type of cargo	2017	% of total	2016	Y/Y	Type of cargo	2017	% of total	2016	Y/Y
Total	19,622	100.0%	18,998	103.3%	Total	27,521	100.0%	27,590	99.8%
Net domestic trade cargo	3,124	15.9%	3,353	93.2%	Net domestic trade cargo	7,483	27.2%	8,139	91.9%
By ferry boat	13,002	66.3%	12,592	103.3%	By ferry boat	16,016	58.2%	15,189	105.4%
Transshipped in the Port of Kobe	2,942	15.0%	2,598	113.2%	Transshipped in the Port of Kobe	3,906	14.2%	4,173	93.6%
Articles for ships	352	1.8%	351	100.4%	Articles for ships	9	0.0%	-	-
Transshipped in other port	201	1.0%	104	192.9%	Transshipped in other port	106	0.4%	89	118.7%

* * * Percentage ratio of domestic trade cargo by type * * *

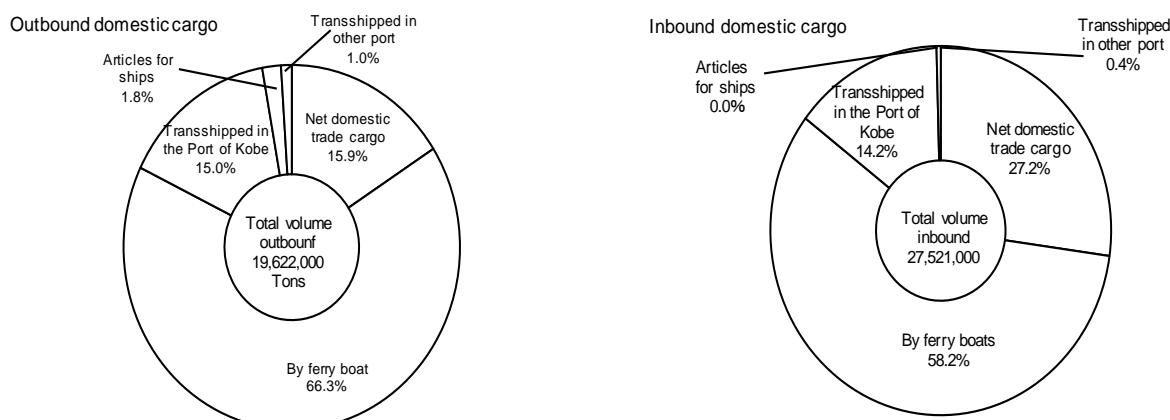
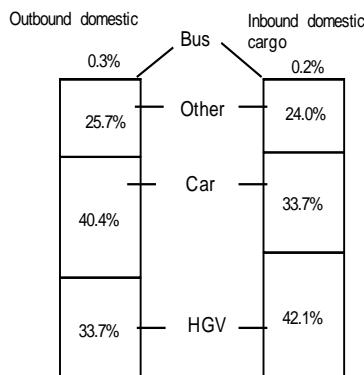


Table19 Number of vehicles carried by ferry boats broken down by type

Outbound domestic cargo (Unit: No. of vehicles)

Type of vehicle	2017	% of total	2018	Y/Y
Total	248,769	100.0%	247,172	100.6%
Bus	634	0.3%	597	106.2%
Truck	83,862	33.7%	89,989	93.2%
Car	100,397	40.4%	100,742	99.7%
Other	63,876	25.7%	55,844	114.4%



Inbound domestic cargo (Unit: No. of vehicles)

Type of vehicle	2017	% of total	2016	Y/Y
Total	286,305	100.0%	273,968	104.5%
Bus	641	0.2%	919	69.7%
Truck	120,650	42.1%	123,390	97.8%
Car	96,355	33.7%	89,958	107.1%
Other	68,659	24.0%	59,701	115.0%

Table20 Domestic trade cargo broken down by items(excluding cargo carried by ferry boats)

Outbound domestic cargo

Items	2017	% of total	2016	Y/Y
Total	6,620	100.0%	6,406	103.3%
1 Mixed Lots	1,303	19.7%	166	783.8%
2 Steel Materials	1,055	15.9%	1,069	98.7%
3 Manufactured Animal and Vegetable Feedstuffs and Manure	525	7.9%	621	84.5%
4 Non-metallic Minerals	493	7.4%	552	89.3%
5 Automotive Parts	311	4.7%	1,070	29.1%
6 Wheat	288	4.4%	261	110.4%
7 Other Agricultural Products	261	3.9%	236	110.8%
8 Motor Vehicles	244	3.7%	206	118.4%
9 Chemicals	240	3.6%	243	98.4%
10 Water	220	3.3%	218	100.9%
The Others	1,679	25.4%	1,763	95.3%

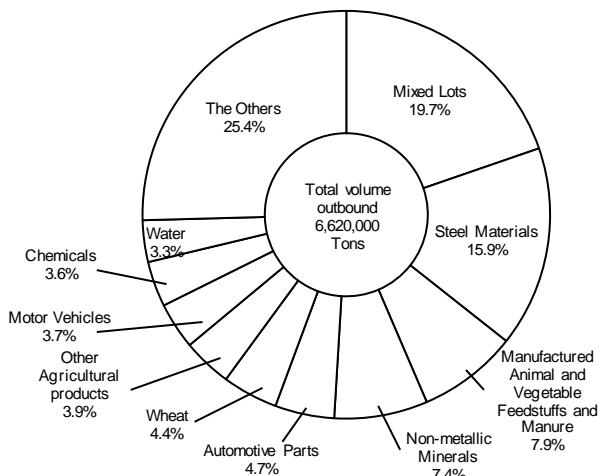
Inbound domestic cargo

Items	2017	% of total	2016	Y/Y
Total	11,505	100.0%	12,401	92.8%
1 Mixed Lots	1,908	16.6%	499	382.3%
2 Iron Ore	1,741	15.1%	2,392	72.8%
3 Petroleum Products	1,396	12.1%	1,546	90.3%
4 Motor Vehicles	870	7.6%	753	115.6%
5 Gravel and Sand	798	6.9%	794	100.4%
6 Steel Materials	781	6.8%	660	118.3%
7 Automotive Parts	723	6.3%	2,110	34.3%
8 Coke	683	5.9%	857	79.7%
9 Iron and Steel	570	5.0%	332	171.9%
10 Chemicals	372	3.2%	355	104.6%
The Others	1,663	14.5%	2,104	79.0%

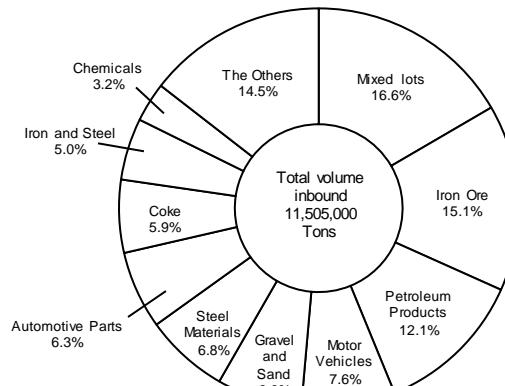
* Some items increased or decreased sharply because of reconsidering way to identify item categories in 2017.

* * * Percentage ratio of domestic trade cargo by items * * * (excluding cargo carried by ferry boats)

Outbound domestic cargoes



Inbound domestic cargoes



1-2 Number of ships calling (2013~2017)

(No. of Ships・Gross tonnages・%)																
Year・Month	Total		Ocean-going Ships								Domestic Ships				Year/Month	
	No. of Ships	G/T	No. of Ships	G/T	All-container Vessels		Semi-Container Vessels		Cargo Ships		No. of Ships	G/T	Ferry Boats			
					No. of Ships	G/T	No. of Ships	G/T	No. of Ships	G/T			No. of Ships	G/T		
2013	36,338	183,484,980	7,159	140,294,407	4,040	87,460,348	552	8,652,841	1,115	12,269,173	29,179	43,190,573	2,389	18,430,794	2013	
2014	35,831	185,095,679	6,965	142,554,356	3,995	87,060,105	424	9,288,907	1,079	12,207,067	28,866	42,541,323	2,410	18,983,680	2014	
2015	35,074	189,746,257	6,903	144,370,723	3,908	87,659,062	378	7,581,377	1,157	13,532,815	28,171	45,375,534	2,714	21,798,300	2015	
2016	35,189	189,315,591	6,757	142,284,268	3,911	89,721,386	319	3,677,015	1,115	13,538,579	28,432	47,031,323	2,733	21,735,173	2016	
Jan.	2,741	14,578,711	526	11,098,426	301	7,085,002	29	324,912	85	1,000,168	2,215	3,480,285	226	1,735,013	Jan.	
Feb.	2,758	15,215,352	530	11,749,464	292	7,048,585	24	237,541	93	1,282,592	2,228	3,465,888	197	1,581,292	Feb.	
Mar.	3,190	17,552,269	636	13,489,393	359	8,344,561	39	400,241	96	1,128,575	2,554	4,062,876	237	1,894,406	Mar.	
Apr.	2,935	16,012,987	568	11,955,609	332	7,574,047	20	246,822	98	1,242,080	2,367	4,057,378	231	1,847,913	Apr.	
May	2,953	16,531,447	583	12,493,348	331	7,355,544	29	352,550	87	1,092,518	2,370	4,038,099	233	1,828,344	May	
Jun.	2,944	16,330,463	570	12,406,636	336	7,864,918	25	272,104	91	1,108,511	2,374	3,923,827	213	1,800,627	Jun.	
Jul.	3,088	16,137,375	586	11,971,612	340	7,683,457	29	440,594	98	1,186,114	2,502	4,165,763	235	1,871,204	Jul.	
Aug.	2,946	15,893,002	573	12,004,948	341	7,559,003	26	295,953	86	1,023,425	2,373	3,888,054	235	1,860,561	Aug.	
Sep.	2,837	15,172,878	541	11,266,134	321	7,313,810	28	325,814	86	996,026	2,296	3,906,744	227	1,804,090	Sep.	
Oct.	2,912	14,831,491	531	10,888,784	300	6,950,347	22	258,951	107	1,250,948	2,381	3,942,707	236	1,858,816	Oct.	
Nov.	2,883	14,940,215	542	10,992,069	324	7,190,879	27	301,081	85	971,531	2,341	3,948,146	228	1,805,271	Nov.	
Dec.	3,002	16,119,401	571	11,967,845	334	7,751,233	21	220,452	103	1,256,091	2,431	4,151,556	235	1,847,636	Dec.	
2017 Ratio(%) (2017/2016)	34,934	185,770,964	6,733	139,398,350	3,899	86,289,011	307	3,727,291	1,099	13,319,671	28,201	46,372,614	2,669	21,171,318	2017 Ratio(%) (2017/2016)	
	99.3	98.1	99.6	98.0	99.7	96.2	96.2	101.4	98.6	98.4	99.2	98.6	97.7	97.4		
Jan.	2,700	13,969,600	516	10,568,654	307	6,848,790	23	220,375	82	1,178,808	2,184	3,400,946	227	1,748,368	Jan.	
Feb.	2,828	14,116,681	497	10,668,005	285	6,551,224	25	321,255	85	1,080,395	2,331	3,448,676	178	1,463,508	Feb.	
Mar.	3,204	16,967,139	602	12,569,937	348	7,985,098	26	356,532	107	1,301,195	2,602	4,397,202	238	1,907,004	Mar.	
Apr.	2,895	15,911,856	576	11,965,946	320	7,295,170	27	369,158	94	1,066,903	2,319	3,945,910	231	1,840,295	Apr.	
May.	3,041	16,271,099	588	12,233,516	346	7,653,996	20	283,335	89	1,019,555	2,453	4,037,583	234	1,856,247	May.	
Jun.	3,043	16,271,815	588	12,145,099	335	7,371,248	27	286,304	100	1,181,536	2,455	4,126,716	214	1,779,034	Jun.	
Jul.	2,972	15,981,902	574	11,813,969	331	7,162,428	30	375,421	91	1,130,562	2,398	4,167,933	238	1,903,203	Jul.	
Aug.	2,868	15,522,547	586	11,903,600	339	7,406,798	29	338,454	98	1,231,389	2,282	3,618,947	226	1,788,156	Aug.	
Sep.	2,761	14,730,553	544	10,969,818	323	6,931,064	26	308,115	81	982,247	2,217	3,760,735	216	1,717,547	Sep.	
Oct.	2,846	14,803,241	514	10,804,653	296	6,589,706	24	260,872	82	904,479	2,332	3,998,588	225	1,794,542	Oct.	
Nov.	2,875	15,945,389	579	12,169,379	342	7,543,737	26	318,581	96	1,107,997	2,296	3,776,010	228	1,805,271	Nov.	
Dec.	2,901	15,279,142	569	11,585,774	327	6,949,752	24	288,889	94	1,134,605	2,332	3,693,368	214	1,568,143	Dec.	

3-2 Container cargo traffic

(Freight Ton)

Year・Month	Container cargo traffic			Foreign trade				Domestic trade container cargo traffic				Year・Month
	Total	Export and Outward	Import and Inward	Total	Containerized ratio	Export	Import	Total	Containerized ratio	Outbound	Inbound	
2012	37,892,132	17,332,489	20,559,643	34,413,399	70.3	15,962,931	18,450,468	3,478,733	8.8	1,369,558	2,109,175	2013
2014	39,715,416	18,441,347	21,274,069	35,720,036	71.0	16,884,753	18,835,283	3,995,380	9.5	1,556,594	2,438,786	2014
2015	41,622,268	19,585,685	22,036,583	37,168,162	72.6	17,804,212	19,363,950	4,454,106	9.7	1,781,473	2,672,633	2015
2016	43,459,752	20,404,721	23,055,031	38,258,889	74.0	18,509,546	19,749,343	5,200,863	11.2	1,895,175	3,305,688	2016
Jan.	3,202,315	1,399,319	1,802,996	2,860,453	73.7	1,264,360	1,596,093	341,862	9.6	134,959	206,903	Jan.
Feb.	3,298,646	1,639,661	1,658,985	2,884,333	67.6	1,496,399	1,387,934	414,313	12.0	143,262	271,051	Feb.
Mar.	3,987,920	1,874,551	2,113,369	3,571,973	74.0	1,739,062	1,832,911	415,947	10.2	135,489	280,458	Mar.
Apr.	3,620,033	1,762,167	1,857,866	3,187,535	75.1	1,614,232	1,573,303	432,498	11.1	147,935	284,563	Apr.
May.	3,370,723	1,545,051	1,825,672	3,000,155	75.4	1,410,747	1,589,408	370,568	10.0	134,304	236,264	May.
Jun.	3,739,885	1,766,215	1,973,670	3,304,010	72.3	1,610,544	1,693,466	435,875	10.9	155,671	280,204	Jun.
Jul.	3,640,350	1,707,646	1,932,704	3,174,141	72.0	1,532,387	1,641,754	466,209	11.7	175,259	290,950	Jul.
Aug.	3,569,974	1,597,903	1,972,071	3,146,028	73.9	1,440,065	1,705,963	423,946	10.8	157,838	266,108	Aug.
Sep.	3,652,747	1,739,793	1,912,954	3,184,717	77.7	1,573,461	1,611,256	468,030	12.1	166,332	301,698	Sep.
Oct.	3,528,587	1,697,323	1,831,264	3,080,111	73.7	1,519,794	1,560,317	448,476	11.2	177,529	270,947	Oct.
Nov.	3,838,408	1,727,654	2,110,754	3,391,141	78.1	1,552,599	1,838,542	447,267	11.2	175,055	272,212	Nov.
Dec.	4,010,164	1,947,438	2,062,726	3,474,292	74.3	1,755,896	1,718,396	535,872	13.0	191,542	344,330	Dec.
2017 Raito(%) (2017/2016)	44,257,411 (101.8)	20,791,529 (101.9)	23,465,882 (101.8)	38,945,821 (101.8)	73.9 (100.3)	18,569,993 (100.3)	20,375,828 (103.2)	5,311,590 (102.1)	11.3 (102.1)	2,221,536 (117.2)	3,090,054 (93.5)	2017 Raito(%) (2017/2016)
Jan.	3,388,728	1,405,162	1,983,566	2,969,661	71.1	1,214,937	1,754,724	419,067	11.4	190,225	228,842	Jan.
Feb.	3,378,367	1,717,045	1,661,322	2,942,094	71.6	1,534,574	1,407,520	436,273	12.5	182,471	253,802	Feb.
Mar.	4,116,161	1,973,716	2,142,445	3,630,645	74.6	1,781,267	1,849,378	485,516	11.1	192,449	293,067	Mar.
Apr.	3,805,073	1,798,621	2,006,452	3,328,038	74.2	1,605,093	1,722,945	477,035	11.8	193,528	283,507	Apr.
May.	3,726,534	1,686,358	2,040,176	3,291,988	73.2	1,483,175	1,808,813	434,546	10.8	203,183	231,363	May.
Jun.	3,688,231	1,751,167	1,937,064	3,259,442	72.8	1,550,157	1,709,285	428,789	10.7	201,010	227,779	Jun.
Jul.	3,611,627	1,684,055	1,927,572	3,182,937	74.1	1,506,919	1,676,018	428,690	10.5	177,136	251,554	Jul.
Aug.	3,627,056	1,663,703	1,963,353	3,208,477	72.6	1,491,877	1,716,600	418,579	10.8	171,826	246,753	Aug.
Sep.	3,661,846	1,753,983	1,907,863	3,218,300	76.3	1,574,321	1,643,979	443,546	10.5	179,662	263,884	Sep.
Oct.	3,448,636	1,638,961	1,809,675	3,021,838	74.0	1,475,958	1,545,880	426,798	10.8	163,003	263,795	Oct.
Nov.	4,079,405	1,892,656	2,186,749	3,632,850	78.1	1,704,359	1,928,491	446,555	11.6	188,297	258,258	Nov.
Dec.	3,725,747	1,826,102	1,899,645	3,259,551	73.5	1,647,356	1,612,195	466,196	13.1	178,746	287,450	Dec.

