PORT OF TOKYO GUIDE 2018

PORT & TOKYO

BUREAU OF PORT AND HARBOR
TOKYO METROPOLITAN GOVERNMENT

Overview of the Port of Tokyo

1 Location

Tokyo Bay is positioned near the center of the Japanese archipelago. This important location serves as a getaway to Japan's industrial and financial core located in Tokyo as well as other East Japan region centered around the kanto plains.

Six major ports (Tokyo, Yokohama, Kawasaki, Chiba, Yokosuka, and Kisarazu) are found in Tokyo Bay. In particular, the port of Tokyo, Yokohama and Chiba are the leading ports in Japan and are made unique by the characteristics of their adjacent metropolitan areas. The port of Tokyo is the most inland of these ports and located a quick 15-minute bus ride from Ginza.

The port's geographic location is between 35°31' and 35°41' North by 139°44' to 139°51' East.

2 Port and Harbor Zone (Port and Harbor Act)

The seas enclosed in the line connecting in order the end point of Arakawa's right bank [The point 3,118.47 meters from the old Horie Triangulation point (35°38'30" North by 139°52'20" East) at 298°51'36"], the point 9,752 meters at 183°58'45" from the last one, from the Tamagawa river mouth old Haneda lighthouse 2,950 meters at 143°30', the end point of the border of the administrative division of the Tamagawa river mouth and the downstream end point of Tamagawa's left bank, the line from the downstream end point of Tamagawa's left bank following the left bank to the upstream end point of Ebitorikawa's left bank and the coastline, as well as the fresh waters in the Ebitorikawa, Shiodomegawa, Tsukijigawa (2nd), Tsukishimagawa, Tsukudagawa, as well as the fresh waters in the Sumidagawa Eitaibashi, Tsukijigawa (1st), Akashigawa, Tsukijigawa East arm Kaikobashi, Kamejimagawa Minamitakabashi, Echizenbori Sakaebashi and the Susakigawa Extension Kokonoebashi. (Total water area of approx. 5,166 ha)

3 Seabed Characteristics

The seabed in the port consists mostly of sand mixed with mud, and is optimally suited to anchorage of ships.

4 Tide Levels

(based on observations by the Tokyo Tide Observation Point of the Japan Meteorological Agency)

Tide level name	Tide height (meters)	Measurement period
Mean high water springs	A.P. +2.052	Average of 2012 – 2016
Mean low water springs	A.P. +0.074	Average of 2012 – 2016
Average tide level	A.P. +1.185	Average of 2012 – 2016
Highest tide on record	A.P. +4.212	October 1, 1917

However, the port standard water level is 1.134 meters below Tokyo Peil (previously known as the Tokyo Bay median tide level).

5 Tidal Currents

(based on observations by the New Port of Tokyo Wave Observation Point) (Observations started October 1, 2010.)

The maximum observed current speed was 61.0cm/s on March 11, 2011 (tsunami caused by the Tohoku-Pacific Ocean Earthquake).

6 Wind Direction/Wind Speed

(based on observations by the New Port of Tokyo Wave Observation Point) (Observations started October 1, 2010.)

According to total statistics from October 2010 to 2016, the most frequent wind directions were north (16.1%) and north-northwest (15.6%). South wind also occurs (15.5%). The most frequent wind direction for strong winds exceeding 10.0m/s is south.

The most frequent wind force scale is 3.0-3.9m/s (14.8%), followed by 2.0-2.9m/s, 4.0-4.9m/s, and 5.0-5.9m/s each appearing 11-14% of the time. The highest recorded wind speed was a south wind of 30.3m/s occurring at 18:00 on September 21, 2011.

7 Port and Harbor Plan

The Port and Harbor Plan was formed by the Tokyo Metropolitan Government, which is the port authority for Tokyo. It is a basic plan defining a long term perspective on future development of facilities, airspace utilization and environmental measures based on the Port and Harbor Act for the future of the Port of Tokyo.

These items were discussed in September, 2014 by the Tokyo Port and Harbor Committee and embodied in the 8th Revised Port and Harbor plan with targets to achieve by the mid- to late- half of the 2020s.

Major content includes plans for the following facilities.

・New Plans

1. Oi Container Terminal
   In order to handle the increasing amount of container cargo, the existing terminal (Oi Marine Products Terminal) is being reassigned and a container terminal (1 berth) is planned.
2. NO.15 Container Terminal
   To support increased cargo from Asia, the wood products facilities will be reorganized due to decreasing usage with plans for container terminals (2 berths).
3. Shinagawa Container Terminal
   In order to support increased ship sizes, an increase in depth is planned (from 10m to 11m)

・Existing Plans (including those being implemented)

1. Outer Central Breakwater/New Waste Disposal Area Container Terminals (4 berths)
2. Lot No. 13 Passenger Ship Terminal (1 berth)
3. North-South Port Access Road (4 lanes)

In order to continue fulfilling the role as a major port that supports the lives and industries of the capital region, the Port of Tokyo is looking into and organizing ways to realize these projects.

8 Countermeasures for Tsunamis and Storm Surges

The Port of Tokyo has prepared coastal protection facilities including tide embankments and floodgates as measures to prevent damage caused by tsunamis and storm surges. Building on the lessons learned from the Great East Japan Earthquake, in order to prevent flooding caused by tsunami even in the event of the largest earthquake which can be expected, a 10-year plan leading up to 2021 titled the "Port of Tokyo Coastal Preservation Facility Preparation Plan" was formulated in December 2012. At present based on this plan, seismic reinforcement of tide embankments and interior embankments and seismic and water protection for floodgates and drainage pump stations are being carried out.

9 Umi-no-Mori (Sea Forest)

Umi-no-Mori (Sea Forest) is a project to convert landfill (the eastern portion of the landfill in the Central Breakwater District) in the Port of Tokyo made up of waste and soil generated by construction projects into a large green forest. The total land area is approximately 88 hectares; the size of 19 Tokyo Domes or five and a half Hibiya parks. The forest will be fostered over approximately 30 years with the slogan, "Not for us, but for our children".

*The park is currently under construction and entry is prohibited.

Tokyo 2020 Olympic and Paralympic Games venues in the seafront area

No.	Venue	Sports (Classification)	
		Olympic Games	Paralympic Games
1	Ariake Arena	Volleyball (Volleyball)	Wheelchair Basketball
2	Olympic Gymnastic Centre	Gymnastics	Boccia
3	Olympic BMX Course	Cycling (BMX Freestyle,BMX Racing) Skateboarding	—
4	Ariake Tennis Park	Tennis	Wheelchair Tennis
5	Odaiba Marine Park	Triathlon	Triathlon
		Aquatics (Marathon Swimming)	—
6	Shiokaze Park	Volleyball (Beach Volleyball)	—
7	Aomi Urban Sports Venue	Basketball (3 x 3) Sport Climbing	Football 5-a-side
8	Seaside Park Hockey Stadium	Hockey	—
9	Sea Forest Cross-Country Course	Equestrian (Eventing (Cross - Country))	—
10	Sea Forest Waterway	Rowing	Rowing
		Canoe (Sprint)	Canoe
11	Canoe Slalom Course	Canoe (Slalom)	—
12	Dream Island Archery Field	Archery	Archery
13	Olympic Aquatics Centre	Aquatics (Swimming,Diving,Synchronised Swimming)	Para Swimming
14	Tokyo Tatsumi International Swimming Centre	Aquatics (Water Polo)	—

As of March 2018

Administrative Organs related to the Port of Tokyo

Name	Phone Number	Address
BUREAU OF PORT & HARBOR, TOKYO METROPOLITAN GOVERNMENT	03(5320)5524	8-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-8001
TOKYO PORT MANAGEMENT OFFICE, TOKYO METROPOLITAN GOVERNMENT	03(5463)0214	9-56, Konan 3-chome, Minato-ku, Tokyo 108-0075
TOKYO PORT CONSTRUCTION OFFICE, TOKYO METROPOLITAN GOVERNMENT	03(3471)0441	9-56, Konan 3-chome, Minato-ku, Tokyo 108-0075
STORM SURGE MANAGEMENT CENTER, TOKYO METROPOLITAN GOVERNMENT	03(3521)3013	1-33, Tatsumi 1-chome, Koto-ku, Tokyo 135-0053
MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT, PORTS AND HARBORS BUREAU	03(5253)8111	Chuo Godo Chosha No.3 1-3, Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100-8918
MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT, KANTO REGIONAL DEVELOPMENT BUREAU, PORT AND AIRPORT DIVISION	045(211)7406	Yokohama 2nd Godo Chosha 57 Kita-nakadori 5-chome, Naka-ku, Yokohama-shi, Kanagawa 231-8436
MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT, KANTO REGIONAL DEVELOPMENT BUREAU, TOKYO PORT OFFICE	03(5534)1360	6-25 Shinkiba 1-chome, Koto-ku, Tokyo 136-0082
MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT, KANTO DISTRICT TRANSPORT BUREAU, TOKYO TRANSPORT BRANCH OFFICE, AOMI OFFICE	03(5530)2320	9th Fl., Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-0064
TOKYO COAST GUARD OFFICE	03(5564)1118	9th Fl., Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-0064
TOKYO COAST GUARD OFFICE (NAVIGATION SUPPORT CENTER)	03(3570)0641	Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-0064
MINISTRY OF JUSTICE TOKYO IMMIGRATION OFFICE	03(5796)7111	5-30, Konan 5-chome, Minato-ku, Tokyo 108-8255
MINISTRY OF HEALTH, LABOUR AND WELFARE TOKYO QUARANTINE STATION	03(3599)1511	8th Fl., Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-0064
MINISTRY OF AGRICULTURE, FORESTRY AND FISHERY YOKOHAMA PLANT PROTECTION SECTION, TOKYO BRANCH	03(3599)1136	8th Fl., Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-0064
MINISTRY OF AGRICULTURE, FORESTRY AND FISHERY ANIMAL QUARANTINE STATION	03(3529)3021	8th Fl., Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-0064
TOKYO CUSTOMS	03(3599)6214	Tokyo Kowan Godo Chosha 7-11, Aomi 2-chome, Koto-ku, Tokyo 135-8615
TOKYO WANGAN POLICE STATION	03(3570)0110	7-1, Aomi 2-chome, Koto-ku, Tokyo 135-0064
PORT FIRE STATION OF TOKYO FIRE DEPARTMENT	03(3534)0119	1-27, Harumi 5-chome, Chuo-ku, Tokyo 104-0053
TOKYO PORT TERMINAL CORPORATION	03(3599)7303	10th Fl., Aomi Frontier Bldg. 4-24, Aomi 2-chome, Koto-ku, Tokyo 135-0064
TOKYO PORT AND HARBOR WELFARE ASSOCIATION	03(3452)6391	9th Fl., Tokyo Kowan Welfare Center 9-5, Kaigan 3-chome, Minato-ku, Tokyo 108-0022
TOKYO SEAFARER'S WELFARE ASSOCIATION	03(3531)2216	Tokyo Kaiin Kaikan 7-1, Harumi 3-chome, Chuo-ku, Tokyo 104-0053
JAPAN MARINE SCIENCE PROMOTION FOUNDATION	03(5500)1111	Museum of Maritime Science 1, Higashi-yahsio 3-chome, Shinagawa-ku, Tokyo 135-8587
TOKYO PORT PROMOTION ASSOCIATION, INC.	03(5500)2584	20th Fl., Aomi Frontier Bldg. 4-24, Aomi 2-chome, Koto-ku, Tokyo 135-0064
TOKYO FOREIGN TRADE TERMINAL ASSOCIATION	03(5444)2151	4th Fl., Barque Shibaura 26-1, Kaigan 3-chome, Minato-ku, Tokyo 108-0022
SHINAGAWA PORT LABOR PUBLIC EMPLOYMENT SECURITY OFFICE	03(3452)4851	Tokyo Labor Bureau Kaigan Chosha 9-45, Kaigan 3-chome, Minato-ku, Tokyo 108-0022
TOKYO PORT & HARBOR TRANSPORTATION COOPERATION ASSOCIATION	03(3452)3811	Kokyo Kaikan Bldg. 5-38, Shibaura 3-chome, Minato-ku, Tokyo 108-0023
TOKYO WAREHOUSING ASSOCIATION, INC.	03(3641)5086	13-3, Eitai 1-chome, Koto-ku, Tokyo 135-8481
TOKYO LICENSED PILOTS' ASSOCIATION	03(3453)1691	33-17, Kaigan 3-chome, Minato-ku, Tokyo 108-0022
YURIKAMOME, INC.	03(3529)7777	13-1, Ariake 3-chome, Koto-ku, Tokyo 135-0063
TOKYO TELEPORT CENTER	03(5500)0055	3rd Fl., Telecom Center Bldg. 5-10, Aomi 2-chome, Koto-ku, Tokyo 135-0064
TOKYO RINKAI HEAT SUPPLY CORPORATION	03(5564)2351	7th Fl., TFT Bldg. East 6-11, Ariake 3-chome, Koto-ku, Tokyo 135-8071
TOKYO RINKAI HOLDINGS	03(5564)1211	4th Fl., Telecom Center Bldg. 5-10, Aomi 2-chome, Koto-ku, Tokyo 135-0064

Statistics

1 Inbound Shipment (Annual Comparison)

(Vessels, Tons)

Year	Total		International Routes						Domestic Routes	
			Total		Foreign		Japanese			
	Vessels No.	Gross Tonnage	Vessels No.	Gross Tonnage	Vessels No.	Gross Tonnage	Vessels No.	Gross Tonnage	Vessels No.	Gross Tonnage
2012	25,743	164,032,393	5,956	125,376,413	5,948	124,877,291	8	499,122	19,787	38,655,980
2013	26,095	165,370,385	5,731	125,343,709	5,722	125,295,282	9	48,427	20,364	40,026,676
2014	25,259	159,380,433	5,343	118,862,181	5,337	118,793,130	6	69,051	19,916	40,518,252
2015	23,997	161,235,534	5,240	119,868,419	5,236	119,822,347	4	46,072	18,757	41,367,115
2016	22,665	170,426,797	5,366	128,494,863	5,356	128,005,675	10	489,188	17,299	41,931,934

2 Cargos Handled (Annual Comparison)

(Tons)

Year	Total			Foreign			Domestic		
	Total	Export	Import	Total	Export	Import	Total	Outbound	Inbound
2012	82,786,421	25,979,518	56,806,903	47,399,227	13,146,722	34,252,505	35,387,194	12,832,796	22,554,398
2013	86,032,354	27,393,605	58,638,749	48,494,300	13,146,512	35,347,788	37,538,054	14,247,093	23,290,961
2014	87,189,132	27,438,804	59,750,328	48,867,479	13,222,318	35,645,161	38,321,653	14,216,486	24,105,167
2015	85,332,872	26,838,023	58,494,849	46,699,117	12,933,120	33,765,997	38,633,755	13,904,903	24,728,852
2016	85,954,195	27,664,131	58,290,064	48,102,417	13,368,468	34,733,949	37,851,778	14,295,663	23,556,115

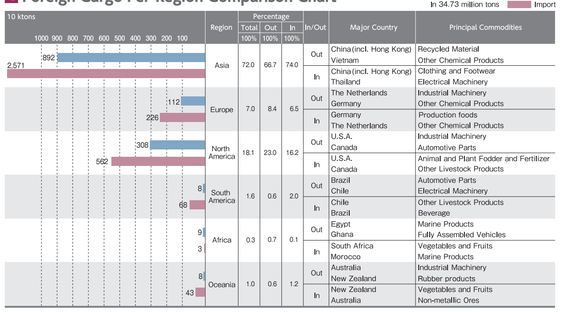
3 Types of Cargos Handled (2016)

(Tons)

Foreign/Domestic / Type	Total	Foreign			Domestic		
	Total	Total	Export	Import	Total	Outbound	Inbound
Total	85,954,195	48,102,417	13,368,468	34,733,949	37,851,778	14,295,663	23,556,115
Agricultural and Marine Products	5,358,297	5,054,762	329,664	4,725,098	303,535	144,191	159,344
Forestry Products	1,247,031	1,172,672	39,947	1,132,725	74,359	46,497	27,862
Mineral Products	5,507,608	439,215	13,761	425,454	5,068,393	100,809	4,967,584
Metalworking and Machine Industrial Products	26,889,948	12,637,454	4,933,502	7,703,952	14,252,494	7,647,666	6,604,828
Chemical Products	12,783,675	5,470,335	2,274,041	3,196,294	7,313,340	420,164	6,893,176
Light Industrial Products	8,386,067	5,471,015	645,826	4,825,189	2,915,052	827,190	2,087,862
Miscellaneous Manufactured Products	11,373,126	11,028,268	1,197,136	9,831,132	344,858	239,769	105,089
Special Items	14,408,443	6,828,696	3,934,591	2,894,105	7,579,747	4,869,377	2,710,370

4 Foreign Cargo Per-Region Comparison Chart

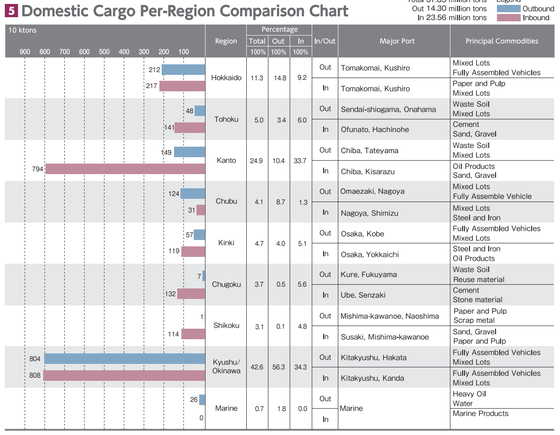
Total 48.10 million tons (Out 13.37 million tons, In 34.73 million tons)
Legend: Export, Import



Region	Percentage Total (100%)	Out (100%)	In (100%)	In/Out	Major Country	Principal Commodities
Asia	72.0	66.7	74.0	Out	China (incl. Hong Kong) Vietnam	Recycled Material Other Chemical Products
				In	China (incl. Hong Kong) Thailand	Clothing and Footwear Electrical Machinery
Europe	7.0	8.4	6.5	Out	The Netherlands Germany	Industrial Machinery Other Chemical Products
				In	Germany The Netherlands	Production foods Other Chemical Products
North America	18.1	23.0	16.2	Out	U.S.A. Canada	Industrial Machinery Automotive Parts
				In	U.S.A. Canada	Animal and Plant Fodder and Fertilizer Other Livestock Products
South America	1.6	0.6	2.0	Out	Brazil Chile	Automotive Parts Electrical Machinery
				In	Chile Brazil	Other Livestock Products Beverage
Africa	0.3	0.7	0.1	Out	Egypt Ghana	Marine Products Fully Assembled Vehicles
				In	South Africa Morocco	Vegetables and Fruits Marine Products
Oceania	1.0	0.6	1.2	Out	Australia New Zealand	Industrial Machinery Rubber products
				In	New Zealand Australia	Vegetables and Fruits Non-metallic Ores

5 Domestic Cargo Per-Region Comparison Chart

Total 37.85 million tons (Out 14.30 million tons, In 23.56 million tons)
Legend: Outbound, Inbound



Region	Percentage Total (100%)	Out (100%)	In (100%)	In/Out	Major Port	Principal Commodities
Hokkaido	11.3	14.8	9.2	Out	Tomakomai, Kushiro	Mixed Lots Fully Assembled Vehicles
				In	Tomakomai, Kushiro	Paper and Pulp Mixed Lots
Tohoku	5.0	3.4	6.0	Out	Sendai-shiogama, Onahama	Waste Soil Mixed Lots
				In	Ofunato, Hachinohe	Cement Sand, Gravel
Kanto	24.9	10.4	33.7	Out	Chiba, Tateyama	Waste Soil Mixed Lots
				In	Chiba, Kisarazu	Oil Products Sand, Gravel
Chubu	4.1	8.7	1.3	Out	Omaezaki, Nagoya	Mixed Lots Fully Assemble Vehicle
				In	Nagoya, Shimizu	Mixed Lots Steel and Iron
Kinki	4.7	4.0	5.1	Out	Osaka, Kobe	Fully Assembled Vehicles Mixed Lots
				In	Osaka, Yokkaichi	Steel and Iron Oil Products
Chugoku	3.7	0.5	5.6	Out	Kure, Fukuyama	Waste Soil Reuse material
				In	Ube, Senzaki	Cement Stone material
Shikoku	3.1	0.1	4.8	Out	Mishima-kawanoe, Naoshima	Paper and Pulp Scrap metal
				In	Susaki, Mishima-kawanoe	Sand, Gravel Paper and Pulp
Kyushu/ Okinawa	42.6	56.3	34.3	Out	Kitakyushu, Hakata	Fully Assembled Vehicles Mixed Lots
				In	Kitakyushu, Kanda	Fully Assembled Vehicles Mixed Lots
Marine	0.7	1.8	0.0	Out	Marine	Heavy Oil Water
				In		Marine Products

Information Map of the Port of Tokyo 2018

「この地図の作成に当たっては、国土地理院長の承認を得て、同院発行の数値地図25000（空間データ基盤）を使用した。（承認番号　平28情使、第1044号）」

Legend

	Common Use Quay	The 8th Revised Development plan (under construction)
	Private Special Wharf (Large Ship)	Completed facilities
		The 8th Revised Development plan(under construction)
	Area for Port Facilities	Area for Physical distribution
	Area for Port Related Facilities	
	Area for Commodity Distribution Facilities	
	Area for Traffic Facilities	Area for improvement of urban traffic systems
	Area for Supply and Disposal Facilities	Area for urban redevelopment and urban facilities
	Area for Urban Redevelopment and Decentralization of Industries	
	Area for Housing Facilities	Area for natural resources and urban renewal
	Area for Commercial and Business Facilities	
	Area for Public Open Spaces	
	Area for Development as of April.1.2017	
	Land Area / Water Area: Restriction Zone in International Port Facilities / Restriction Zone in International Water Area	
	Metropolitan Expressway	In Use
		Planned
	National Road	In Use
		Planned
	Waterfront Road	In Use
		Planned
	Other Roads belonging with Port of Tokyo	In Use
		Planned
	Drainage pump station,Floodgate or Tide embankment(Tokyo Port & Harbour Bureau)	Completed
		Incompleted
	Drainage pump station,Floodgate or Tide embankment	Tokyo Construction Bureau
		Ministry of Land,Infrastructure and Transport
	A routh An anchorage	
	Marine Park area of the sea	

	Commercial zone		Hazardous materials zone
	Special cargo zone		Marina zone
	Industrial zone		Scenic and recreation zone
	Fishery zone		No designation of zones

Wind Rose

October 2010 to December 2016
Measurement location : Tokyo Light Beacon
Total measurements: 53,583 (Measurement rate 97.8%)
Calm wind speed: 0.3 m/s or less
– – – The dashed line indicates strong winds in excess of 10.0 m/s (8% scale)

Notes:
1. This map indicates not only the current conditions of the Port of Tokyo, but also indicates currently constructed areas and zones under-construction according to the plans of the 8th Revised Port and Harbor Plan, as well as the plan land usage categories (color-categorized) according to the Guidelines for Land Development for Reclaimed Land in the Port of Tokyo.
2. Land not colored light yellow are subject to the Guidelines for Land Development for Reclaimed Land in the Port of Tokyo.
3. Land colored light yellow is existing land in the harbor zone.

Port Area
Tokyo Port Area (Plan)
TOKYO BAY

As of April 1st 2018
Bureau of Port and Harbor, Tokyo Metropolitan Government
Registration no (29) 21

1 : 30,000
500 250 0 500 1000 1500 2000m

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