



Port of
Rotterdam

PORT STATISTICS

2011 - 2012 - 2013

Cargo throughput

Total throughput by commodity, 2013 - 2011

	2013	2012	2011
Iron ore and scrap	35.9	32.7	37.4
Coal	30.7	25.3	26.7
Agribulk	10.3	8.1	9.9
Other dry bulk	12.3	12.0	13.3
Subtotal dry bulk	89.2	78.1	87.3
Crude oil	91.1	98.3	92.8
Mineral oil products	81.6	81.8	73.4
LNG	0.8	0.6	0.6
Other liquid bulk	33.4	33.5	31.7
Subtotal liquid bulk	206.8	214.2	198.5
Total bulk goods	296.0	292.3	285.9
Containers	121.3	125.4	123.6
Roll on/Roll off	18.5	17.9	17.5
Other general cargo	4.7	5.9	7.7
Total breakbulk	23.2	23.8	25.1
Total throughput	440.5	441.5	434.6

Unit: Gross weight x 1 million metric tons

Source: Port of Rotterdam

Incoming and outgoing by commodity, 2013

	Incoming	Outgoing	Total
Iron ore and scrap	33.2	2.8	35.9
Coal	30.4	0.3	30.7
Agribulk	8.8	1.5	10.3
Other dry bulk	9.4	2.8	12.3
Subtotal dry bulk	81.8	7.4	89.2
Crude oil	90.4	0.6	91.1
Mineral oil products	46.3	35.3	81.6
LNG	0.6	0.2	0.8
Other liquid bulk	19.8	13.5	33.4
Subtotal liquid bulk	157.1	49.7	206.8
Total bulk goods	238.9	57.1	296.0
Containers	59.7	61.5	121.3
Roll on/Roll off	8.9	9.7	18.5
Other general cargo	3.2	1.5	4.7
Total breakbulk	12.1	11.2	23.2
Total throughput	310.8	129.7	440.5

Unit: Gross weight x 1 million metric tons

Source: Port of Rotterdam

Cargo throughput

Total throughput by commodity in the Hamburg - Le Havre range, 2013

2013

	HAMBURG	BREMERHAVEN	WILHELMSHAVEN	AMSTERDAM	ROTTERDAM	ZEELAND SEAP.*)	ANTWERP	GHENT	ZEEBRUGGE	DUNKIRK	LE HAVRE
Iron ore and scrap	9.5	4.6	0.0	8.9	35.9	0.3	2.9	3.7	0.0	12.0	0.0
Coal	5.7	1.3	3.3	21.6	30.7	3.9	2.2	2.7	0.0	5.4	1.4
Agribulk	8.0	0.7	0.0	8.4	10.3	0.9	0.8	1.2	0.1	1.6	0.0
Other dry bulk	4.6	1.7	1.1	7.3	12.3	5.6	8.5	8.7	1.2	2.7	1.5
Subtotal dry bulk	27.8	8.3	4.4	46.2	89.2	10.7	14.4	16.4	1.3	21.6	2.9
Crude oil	2.5	0.0	18.2	0.0	91.1	0.0	4.7	0.0	0.0	0.0	23.7
Mineral oil products	9.5	1.6	0.0	38.7	81.6	9.6	43.1	1.2	3.2	5.2	12.3
LNG	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	3.3	0.0	0.0
Other liquid bulk	2.6	0.0	0.4	2.4	33.4	3.3	11.7	2.7	0.3	0.9	1.9
Subtotal liquid bulk	14.5	1.6	19.5	41.1	206.8	12.9	59.5	3.9	6.9	6.1	37.9
Total bulk	42.3	9.9	23.9	87.3	296.0	23.5	73.9	20.2	8.2	27.7	40.9
Containers	94.8	61.0	0.6	0.8	121.3	0.2	102.3	0.6	20.4	2.7	24.8
Roll on/Roll off	0.0	0.0	0.0	0.5	18.5	1.4	4.6	2.0	12.5	12.3	0.0
Other general cargo	1.9	7.9	0.0	7.3	4.7	7.9	10.1	3.2	1.7	0.9	1.5
Total breakbulk	1.9	7.9	0.0	7.7	23.2	9.3	14.7	5.1	14.2	13.2	1.5
Total throughput	139.1	78.8	24.5	95.7	440.5	33.0	190.8	26.0	42.8	43.6	67.2
Market share in %	11.8	6.7	2.1	8.1	37.3	2.8	16.1	2.2	3.6	3.7	5.7

Unit: Gross weight x 1 million metric tons

Hamburg, Bremerhaven and Le Havre: other general cargo including roll-on/roll-off; Zeebrugge: including bunker materials;

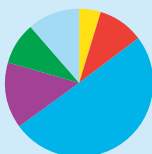
Le Havre: other dry bulk including iron ore and scrap; *) Zeeland Seaports: agribulk and other dry bulk breakdown of goods estimated.

Source: Port Authorities

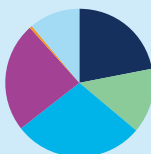
Dry bulk



Liquid bulk



Containers



Breakbulk



Cargo throughput

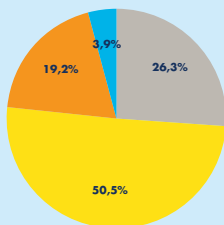
Incoming and outgoing goods by commodity, 2013 - 2011

	Incoming			Outgoing		
	2013	2012	2011	2013	2012	2011
Total dry bulk	81.8	72.4	79.4	7.4	5.7	7.9
Total liquid bulk	157.1	164.4	154.1	49.7	49.8	44.4
Containers	59.7	60.7	61.4	61.5	64.7	62.2
Total breakbulk	12.1	12.6	13.8	11.1	11.1	11.3
Total throughput	310.8	310.1	308.8	129.7	131.4	125.8

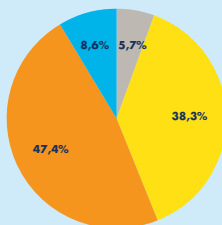
Unit: Gross weight x 1 million metric tons

Source: Port of Rotterdam

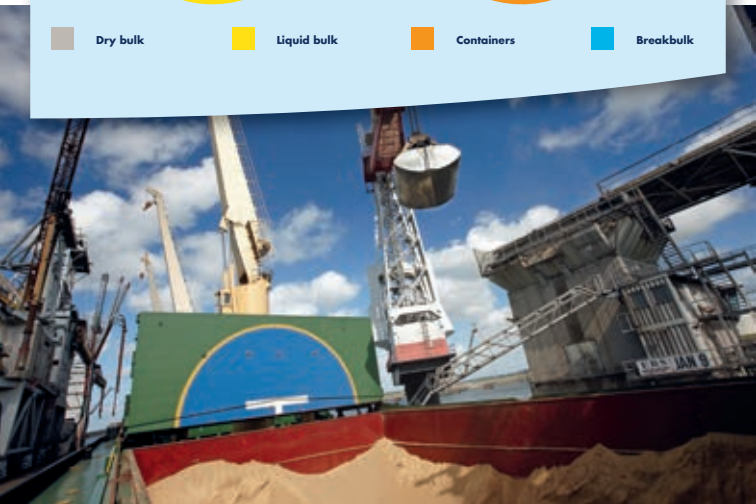
Incoming 2013



Outgoing 2013



Dry bulk
 Liquid bulk
 Containers
 Breakbulk

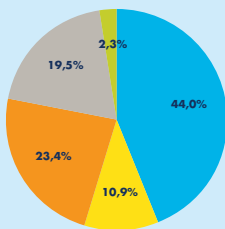


Cargo throughput

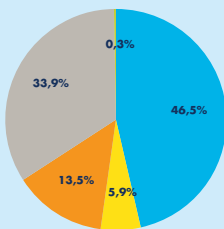
Incoming and outgoing goods, grouped by continent, 2012 - 2011



Incoming 2012



Outgoing 2012



Europe

Africa

America

Asia

Oceania

	Incoming		Outgoing		Total	
	2012	2011	2012	2011	2012	2011
Europe	136,360	140,875	61,130	62,211	197,490	203,086
Africa	33,680	31,225	7,725	7,004	41,405	38,229
America	72,600	73,452	17,690	15,422	90,290	88,874
Asia	60,450	55,891	44,510	40,771	104,960	96,662
Oceania	7,000	7,322	350	366	7,350	7,688
Not specified	22	0	12	13	34	13
Total	310,112	308,765	131,417	125,787	441,528	434,552

Unit: Gross weight x 1,000 metric tons

Source: CBS

European ports

Top 20 European ports, 2013 - 2011

		2013	2012	2011
Rotterdam	Netherlands	440.5	441.5	434.6
Antwerp	Belgium	190.8	184.1	187.2
Hamburg	Germany	139.1	130.9	132.2
Novorossiysk ¹⁾	Russia	112.9	117.4	116.2
Amsterdam	Netherlands	95.7	94.3	93.0
Algeciras	Spain	90.2	88.3	82.2
Marseilles	France	80.0	85.6	88.1
Bremerhaven	Germany	78.8	84.0	80.6
Le Havre	France	67.2	63.5	67.6
Valencia	Spain	64.6	65.7	65.8
Primorsk	Russia	63.8	74.8	75.1
Ust-Liga	Russia	62.6	46.8	22.7
Grimsby/Immingham *)	United Kingdom	62.0	60.1	57.2
St. Petersburg	Russia	58.0	57.8	60.0
Constantza	Romania	55.1	50.6	46.0
Bergen *)	Norway	52.0	54.8	57.4
Genoa	Italy	48.5	50.2	50.4
Dunkirk	France	43.6	47.6	47.5
London	United Kingdom	43.2	43.7	48.8
Zeebrugge	Belgium	42.8	43.5	47.0

Unit: Gross weight x 1 million metric tons

¹⁾ Including Caspian pipeline Consortium Marine Terminal

*) 2013 Provisional figures

Source: Port Authorities



European ports



World ports

Top 20 World ports, 2013 - 2011

		2013	2012	2011
Ningbo & Zhoushan	China	809.8	744.0	691.0
Shanghai	China	776.0	736.0	727.6
Singapore	Singapore	560.9	538.0	531.2
Tianjin	China	500.6	476.0	451.0
Guangzhou	China	454.7	434.0	429.0
Qingdao	China	450.0	402.0	375.0
Tangshan	China	446.2	364.6	308.0
Rotterdam	Netherlands	440.5	441.5	434.6
Dalian	China	408.4	373.0	338.0
Yingkou	China	330.0	301.1	261.0
Rizhao	China	309.2	281.0	252.6
Port Hedland	Australia	288.4	246.7	199.0
Hongkong ¹⁾	China	276.1	269.3	277.4
Qinhuangdao	China	272.6	271.5	287.0
Busan ²⁾	South Korea	260.0	270.9	269.9
Shenzhen	China	234.0	228.1	223.0
Xiamen	China	191.0	172.0	156.5
Antwerp	Belgium	190.8	184.1	187.2
South Louisiana	United States of America	187.8	161.9	170.4
Port Klang ²⁾	Malaysia	152.0	151.7	148.9

Unit : Gross weight x 1 million metric tons;

All China ports including domestic trade and river trade;

¹⁾ Including river trade; ²⁾ Converted from freight ton to metric ton

Source: Port Authorities



World ports



Dry bulk cargo

Incoming and outgoing dry bulk goods, grouped by origin and destination, 2012

	Incoming	Outgoing	Total
Iron ore and scrap			
Brazil	19,700	0	19,700
Canada	3,900	0	3,900
South Africa	2,100	0	2,100
Germany	0	700	700
Turkey	0	1,150	1,150
Other countries	4,863	328	4,865
Total	30,563	2,178	32,741
Coal			
Colombia	7,500	0	7,500
United States of America	6,050	12,000	6,062
Australia	4,300	0	4,300
South Africa	2,150	2	2,152
Other countries	4,821	447	5,268
Total	24,821	461	25,282
Agribulk			
Brazil	2,100	0	2,100
Argentina	1,400	0	1,400
United States of America	700	0	700
Romania	700	0	700
Ukraine	500	0	500
Other countries	1,606	1,044	2,650
Total	7,006	1,044	8,050
Other dry bulk			
China	1,050	0	1,050
United States of America	1,000	20	1,020
Norway	950	120	1,070
United Kingdom	400	450	850
Other countries	6,612	1,428	8,040
Total	10,012	2,018	12,030

Unit: Gross weight x 1,000 metric tons

Source: Port of Rotterdam based on CBS figures

Dry bulk carriers by DWT-class, 2013 - 2012

DWT - class	Number of calls	
	2013	2012
- < 10,000	185	187
10,001 - 35,000	157	131
35,001 - 55,000	134	113
55,001 - 60,000	76	81
60,001 - 80,000	131	138
80,001 - 140,000	164	137
140,001 - 200,000	261	221
200,001 - 300,000	43	50
> 300,001	14	13
Total	1,165	1,071

Unit: Number of calls

Source: Port of Rotterdam

Liquid bulk cargo

Incoming and outgoing liquid bulk goods, grouped by origin and destination, 2012

	Incoming	Outgoing	Total
Crude oil			
Russia	28,000	0	28,000
Saudi Arabia/Egypt	16,940	0	16,940
Nigeria	11,800	0	11,800
United Kingdom	10,850	40	10,890
Norway	6,250	0	6,250
Other countries	24,407	37	24,444
Total	98,247	77	98,324
Mineral oil products			
Russia and Baltic	20,600	175	20,775
United Kingdom	3,450	4,870	8,320
United States of America	3,100	4,100	7,200
Singapore	800	14,900	15,700
Other countries	17,037	12,782	29,819
Total	44,987	36,827	81,814
Other liquid bulk			
Indonesia	2,500	25	2,525
Malaysia	2,220	10	2,230
United Kingdom	1,600	400	2,000
United States of America	1,100	2,650	3,750
Other countries	13,170	9,840	23,010
Total	20,590	12,925	33,515

Unit: Gross weight x 1,000 metric tons

Source: Port of Rotterdam based on CBS figures

Liquid bulk carriers by DWT-class, 2013 - 2012

DWT - class			Number of calls	
			2013	2012
	-	< 60,000	7,008	7,193
60,001	-	80,000	171	173
80,001	-	120,000	762	770
120,001	-	200,000	316	266
200,001	-	320,000	64	96
		> 320,001	14	5
Total			8,335	8,503

Unit: Number of calls

Source: Port of Rotterdam





Containers

Incoming and outgoing containers by sea, 2013 - 2012

	2013			2012		
	Empty	Loaded	Total	Empty	Loaded	Total
Incoming						
Total containers	706,651	2,927,969	3,634,620	660,551	3,019,220	3,679,771
Total TEU	1,208,944	4,823,572	6,032,516	1,128,244	4,950,111	6,078,356
Outgoing						
Containers	664,778	2,706,903	3,371,681	643,033	2,860,871	3,503,904
Total TEU	1,123,956	4,464,777	5,588,733	1,089,454	4,698,107	5,787,561
Total containers	1,371,429	5,634,872	7,006,301	1,303,584	5,880,091	7,183,675
Total TEU	2,332,900	9,288,349	11,621,249	2,217,699	9,648,217	11,865,916

Unit: Number of containers and TEU (Twenty-Foot Equivalent Units)

Source: Port of Rotterdam

Ship size by TEU-class, 2013 - 2012

TEU - class		2013	2012
-	< 500	333	484
501	- 1,000	3,129	3,311
1,001	- 2,500	858	899
2,501	- 4,500	897	1,047
4,501	- 8,000	737	761
8,001	- 10,000	546	630
-	> 10,001	585	501
Total		7,085	7,633

Unit: Number of calls

Source: Port of Rotterdam

Incoming and outgoing TEU, grouped by continent, 2013 - 2012

	2013			2012		
	Incoming	Outgoing	Total	Incoming	Outgoing	Total
Europe	2,034	2,072	4,105	1,974	2,006	3,980
Africa	162	80	242	197	146	343
America	1,105	815	1,92	1,028	777	1,805
Asia	2,709	2,593	5,302	2,854	2,83	5,684
Oceania	22	29	51	22	28	50
Total	6,032	5,589	11,621	6,075	5,787	11,862

Unit: Number of TEU x 1,000 (Twenty-Foot Equivalent Units)

Source: Port of Rotterdam

Containers

Top 20 European container ports, 2013 - 2011

		2013	2012	2011
Rotterdam	Netherlands	11,621	11,866	11,877
Hamburg	Germany	9,257	8,864	9,014
Antwerp	Belgium	8,578	8,635	8,664
Bremerhaven	Germany	5,831	6,115	5,916
Algeciras	Spain	4,343	4,112	3,063
Valencia	Spain	4,328	4,470	4,327
Felixstowe ¹⁾	United Kingdom	3,500	3,327	3,249
Piraeus	Greece	3,163	2,734	1,679
Gioia Tauro	Italy	3,100	2,721	2,305
Ambarli/Istanbul *)	Turkey	2,750	2,600	2,686
St. Petersburg	Russia	2,578	2,520	2,197
Marsaxlokk *)	Malta	2,550	2,400	2,360
Le Havre	France	2,486	2,303	2,215
Zeebrugge	Belgium	2,027	1,953	2,206
Genoa	Italy	1,988	2,065	1,847
Southampton ¹⁾	United Kingdom	1,800	1,651	1,500
Barcelona	Spain	1,720	1,759	2,035
La Spezia	Italy	1,300	1,247	1,307
Gdansk	Poland	1,178	929	686
Las Palmas	Spain	1,017	1,208	1,297

Unit: Containers in million TEU (Twenty-Foot Equivalent Units)

Source: Port Authorities

¹⁾ 2013 Estimated based on Units, including Ro-Ro (Department of Transport);

^{*)} 2013 Provisional figures

Top 20 World container ports, 2013 - 2011

		2013	2012	2011
Shanghai	China	36,617	32,530	31,739
Singapore	Singapore	32,600	31,649	29,938
Shenzhen	China	23,279	22,940	22,941
Hongkong ¹⁾	China	22,352	23,117	24,224
Busan	South Korea	17,686	17,046	16,185
Ningbo & Zhoushan	China	17,351	15,700	16,830
Qingdao	China	15,520	14,600	14,500
Guangzhou	China	15,309	14,700	14,744
Dubai Ports	United Arab Emirates	13,641	13,280	13,000
Tianjin	China	13,000	12,300	12,300
Rotterdam	Netherlands	11,621	11,866	11,877
Port Klang	Malaysia	10,350	10,001	9,604
Dalian	China	10,015	8,060	6,400
Kaohsiung	Taiwan	9,938	9,780	9,636
Hamburg	Germany	9,258	8,864	9,014
Antwerp	Belgium	8,578	8,635	8,664
Xiamen	China	8,008	7,206	6,461
Tanjung Pelepas	Malaysia	7,628	7,700	7,500
Jakarta	Indonesia	6,171	6,200	5,650
Los Angeles	United States of America	6,150	8,078	7,941

Unit: Containers in million TEU (Twenty-Foot Equivalent Units);

All China ports including domestic trade and river trade; ¹⁾ Including river trade

Source: Port Authorities



Breakbulk and Roll-on/Roll-off

Top 5 general cargo in Europe, 2013 - 2011

		2013	2012	2011
St. Petersburg	Russia	13,634	14,816	14,655
Novorossiysk	Russia	11,903	12,270	10,476
Antwerp	Belgium	10,090	10,895	12,696
Zeeland Seaports	Netherlands	7,943	8,334	7,793
Rotterdam	Netherlands	4,715	5,865	7,693

Unit: Gross weight x 1,000 metric tons

Source: Port Authorities



Top 5 Roll-on/Roll-off ports in Europe, 2013 - 2011

		2013	2012	2011
Calais	France	40,759	33,662	37,864
Dover	United Kingdom	25,275	22,900	24,250
Rotterdam	Netherlands	18,512	17,919	17,450
Zeebrugge	Belgium	12,544	12,549	13,130
Dunkirk	France	12,300	13,076	11,825

Unit: Gross weight x 1,000 metric tons

Source: Port Authorities

Breakbulk and Roll-on/Roll-off ships, 2013 - 2012

		Number of calls	
		2013	2012
Car carriers		128	94
Roll-on/Roll-off ships		3,695	3,800
General cargo ships		6,214	6,548
Ropax ships		363	363
Total		10,400	10,805

Unit: Number of calls

Source: Port of Rotterdam

Added value/Employment

Direct Seaport related added value and employment per sector in Rotterdam - Rijnmond, 2012 - 2010

Sector	Added value			Employment		
	2012	2011	2010	2012	2011	2010
NODES	6,307	6,056	5,834	60,452	58,767	57,201
Transport mode	2,542	2,446	2,373	37,445	36,509	35,212
- Navigation	220	228	231	1,672	1,821	1,733
- Inland navigation	380	376	389	6,875	6,842	6,590
- Road transport	1,738	1,637	1,549	27,558	26,488	25,478
- Rail transport	81	81	83	1,290	1,308	1,361
- Pipeline transport	123	124	121	49	51	51
Services for transport	1,880	1,763	1,715	13,991	13,375	13,259
Handling and storage	1,885	1,847	1,746	9,016	8,883	8,730
BUSINESS LOCATION	6,579	6,479	5,984	31,657	31,012	31,129
Industry	5,296	5,236	4,793	19,387	19,205	19,447
- Foodstuff	317	307	302	2,480	2,479	2,562
- Petroleum	1,844	1,513	1,177	3,454	3,444	3,419
- Chemicals	2,010	2,281	2,125	4,534	4,407	4,517
- Metals	250	270	273	2,893	2,856	3,018
- Vehicles	117	122	111	1,747	1,733	1,673
- Production of electricity	557	550	626	2,109	2,085	2,044
- Other	200	192	179	2,170	2,201	2,214
Wholesale	696	698	665	7,169	6,977	7,048
Public and non-private services	587	545	526	5,101	4,831	4,635
Total	12,886	12,534	11,818	92,108	89,779	88,330

Unit: Value in € x 1 million; number of employees

Source : Erasmus University Rotterdam



Port infrastructure, 2013

Unrestricted accessibility 24 hours a day, 7 days a week	
Total port area, including Maasvlakte 2	12,603 ha
Land area	7,791 ha
of which rentable sites	5,972 ha
Water area	4,812 ha
Total length Rotterdam's port area	42 km
Water depth N.A.P. (max.)	24 m
Depth Eurogeul in the North Sea NAP (max.)	25 m
Length Eurogeul in the North Sea	57 km
Pipelines	1,500 km
Quay length	70.5 km
Banks (slopes)	174.5 km
Sea jetties	17
Inland jetties	90
Dolphins	53
Buoys	15
Pontoons	90
Sites/Terminals	
Oil and oil products	
Oil refineries	5
Refinery terminals	6
Independent tank terminals for oil products	11
Chemicals, biofuels and edible oils	
Chemical locations	45
Biofuels plants	6
Vegetable oils refineries	5
Independent tank terminals for chemie, biofuels and edible oils	17
Gas and power, coal and biomass	
Gas fired power plants	4
Coal and biomass fired plants	3
Natural gas terminals	1
Wind turbines (total 170 Mw)	70
Utilities	
Industrial gases and water plants	4
Steam and power plants	6
Waste processing	1
Container terminals	
Deepsea	5
Shortsea	3
Empty depots	18
Breakbulk terminals	
Roll-on/Roll-off	6
Other general cargo	20
Dry bulk terminals	
Agribulk, ores and scrap, coal, biomass and other dry bulk	16
Tankstorage	
	Capacity: (1 million m ³)
Crude oil	13.6
Mineral oil products	13.9
Chemical products	2.7
Vegetable oils and fats	1.1

Vessels

Ship arrivals, 2013 - 2012

	2013	2012
Number of sea-going vessels ¹⁾	29,448	32,057
- unloaded and/or loaded	27,947	29,132
- cruise ships	28	28
- other ships	934	1,122
Ship movements of sea-going vessels	75,743	79,487
Inland vessels	99,000	104,000
of wich: Freight inland vessels	75,000	80,000
Other inland vessels	24,000	24,000

Unit : Number of vessels

¹⁾ Refers to the number of ships visiting the port of Rotterdam, including transhipment and repair, a.o.

Source: Port of Rotterdam

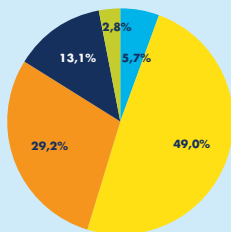
Number of sea-going vessels unloaded and/or loaded at the port of Rotterdam, 2013 - 2012

GT-class	2013		2012	
	Number	Troughput	Number	Troughput
0 - 1,500	1,689	686	2,211	640
1,501 - 10,000	14,442	56,351	15,648	56,945
10,001 - 50,000	8,601	134,661	9,201	139,090
50,001 - 100,000	3,868	179,309	3,882	170,357
100,001 - 180,000	832	69,398	847	74,496
Not specified	16	59	0	0
Total	29,448	440,464	31,789	441,528

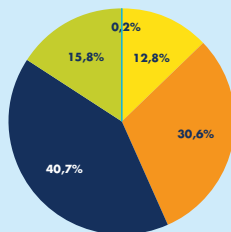
Unit: Number of calls and throughput x 1,000 metric tons

Source: Port of Rotterdam

Number of calls 2013



Throughput 2013



GT-class: 0 - 1.500 1.501 - 10.000 10.001 - 50.000 50.001 - 100.000 100.001 - 180.000

PORT OF ROTTERDAM AUTHORITY

The aim of the Port of Rotterdam Authority is to enhance the port of Rotterdam's competitive position as a logistics hub and world-class industrial complex.

Not only in terms of size, but also quality. The core tasks of the Port Authority are to develop, manage and run the port in a sustainable way and to maintain a speedy and safe service for shipping.

Facts and figures for the Port Authority and the Port of Rotterdam:

- Port Authority: 1.100 employees, turnover approx. € 600 million.
- Direct employment: over 87,000 jobs.

For further information refer to our website:

www.portofrotterdam.com

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Differences due to rounding off are possible.

The Port of Rotterdam Authority does not accept any responsibility for any errors that might occur in this publication.