



Port of
Rotterdam

A large cargo ship is seen from a distance, sailing on a body of water. The ship is dark and has a white wake. The sky is overcast. In the foreground, there is a large, stylized blue wave graphic that curves across the bottom of the image. Below the blue wave is a grey wave graphic. The text 'PORT STATISTICS' is written in white, bold, sans-serif capital letters on the blue wave.

PORT STATISTICS

Cargo throughput

INCOMING AND OUTGOING CARGO BY COMMODITY, 2007

	Incoming	Outgoing	Total
Agribulk	7,476	1,972	9,448
Ores and scrap	37,363	2,870	40,233
Coal	27,552	643	28,195
Other dry bulk goods	10,039	2,837	12,876
Subtotal dry bulk goods	82,430	8,322	90,752
Crude oil	96,542	445,000	96,987
Mineral oil products	33,868	23,434	57,302
Other liquid bulk goods	21,340	10,988	32,328
Subtotal liquid bulk goods	151,750	34,867	186,617
Total bulk goods	234,180	43,189	277,369
Containers	51,229	53,367	104,596
Roll on/Roll off	7,417	8,036	15,453
Other general cargo	6,623	2,771	9,394
Total general cargo	65,269	64,174	129,443
Total throughput	299,449	107,363	406,812

Unit : Gross weight x 1,000 metric tons

Source : PoR

TOTAL THROUGHPUT BY COMMODITY, 2007 - 2004

	2007	2006	2005	2004
Agribulk	9.5	9.3	10.7	10.6
Ores and scrap	40.2	38.6	40.7	42.3
Coal	28.2	27.6	26.5	25.3
Other dry bulk goods	12.9	12.4	11.5	11.2
Subtotal dry bulk goods	90.8	87.9	89.4	89.4
Crude oil	97.0	99.2	102.2	102.1
Mineral oil products	57.3	45.9	42.1	33.3
Other liquid bulk goods	32.3	31.5	27.0	25.6
Subtotal liquid bulk goods	186.6	176.6	171.3	161.0
Total bulk goods	277.4	264.5	260.7	250.4
Containers	104.6	94.8	91.1	82.6
Roll on/Roll off	15.4	12.7	9.9	10.9
Other general cargo	9.4	9.8	8.5	8.8
Total general cargo	129.4	117.3	109.5	102.3
Total throughput	406.8	381.8	370.2	352.7

Unit : Gross weight x 1 million metric tons

Source : PoR

INCOMING AND OUTGOING CARGO BY COMMODITY, 2007 - 2004

	Incoming				Outgoing			
	2007	2006	2005	2004	2007	2006	2005	2004
Agribulk	7.5	6.8	7.7	8.4	2.5	2.5	2.9	2.2
Ores and scrap	37.4	36.0	38.7	39.5	2.9	2.5	2.0	2.7
Coal	27.5	27.2	25.9	24.8	0.6	0.5	0.5	0.6
Other dry bulk goods	10.0	9.4	9.1	8.7	2.8	2.9	2.4	2.5
Subt.dry bulk goods	82.4	79.5	81.4	81.4	8.3	8.4	8.0	7.9
Crude oil	96.5	98.7	101.7	101.8	0.4	0.5	0.4	0.3
Mineral oil products	33.9	29.8	27.3	22.4	23.4	16.2	14.8	10.8
Other liquid bulk goods	21.3	21.2	17.4	15.8	11.0	10.3	9.6	9.7
Subt.liquid bulk goods	151.7	149.6	146.4	140.0	34.9	26.9	24.8	20.9
Total bulk goods	234.1	229.1	227.9	221.4	43.2	35.3	32.8	28.9
Containers	51.2	45.7	43.3	39.2	53.4	49.1	47.7	43.4
Roll on/roll off	7.4	6.1	4.6	4.9	8.1	6.5	5.2	6.0
Other general cargo	6.6	6.6	5.6	5.7	2.8	3.2	2.8	3.2
Total general cargo	65.3	58.4	53.5	49.8	64.2	58.8	55.9	52.6
Total throughput	299.4	287.5	281.4	271.2	107.4	94.2	88.8	81.4

Unit : Gross weight x 1 million metric tons

Source : PoR



INCOMING AND OUTGOING CARGO GROUPED BY CONTINENT, 2007

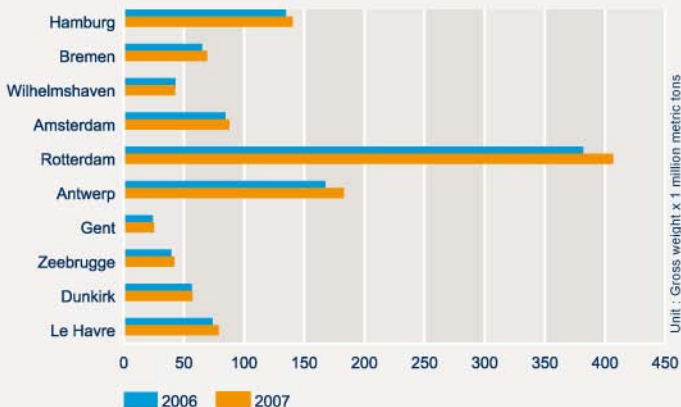
Sea	Incoming	Outgoing	Total	Percent
Europe	119,955	51,910	171,865	45.4
Africa	50,998	4,013	55,011	14.5
America	61,830	13,216	75,046	19.8
Asia	42,027	23,910	65,937	17.4
Oceania	9,395	443	9,838	2.6
Others (offshore)	705	6	711	0.2
Total	284,910	93,498	378,408	100.0

Unit : Gross weight x 1,000 metric tons, excluding Vlaardingen and Schiedam

Source : CBS

Cargo throughput

TOTAL THROUGHPUT BY COMMODITY IN THE HAMBURG - LE HAVRE RANGE, 2007 - 2006



TOTAL THROUGHPUT BY COMMODITY IN THE HAMBURG - LE HAVRE RANGE, 2007 - 2006

2007

	HAMBURG	BREMEN	WILHELMSHAVEN	AMSTERDAM	ROTTERDAM	ANTWERP	GENT	ZEEBRUGGE	DUNKIRK	LE HAVRE
Agribulk	5.2	0.9	0.0	8.3	9.5	1.1	2.3	0.0	0.8	0.1
Ores and scrap	10.6	4.8	0.0	11.2	40.2	5.3	4.8	0.3	13.8	0.0
Coal	5.7	2.0	1.3	22.2	28.2	8.6	3.4	0.0	9.6	2.4
Other dry bulk goods	5.5	1.9	0.8	9.7	12.9	9.6	6.6	2.0	3.4	2.3
Subt.dry bulk goods	27.0	9.6	2.1	51.4	90.8	24.6	17.1	2.0	27.6	4.8
Crude oil	4.9	0.0	30.6	0.0	97.0	4.4	0.0	0.0	6.2	32.9
Mineral oil products	7.1	1.6	9.4	24.9	57.3	25.8	0.6	5.6	6.9	11.6
Other liquid bulk g.	2.7	0.0	0.5	1.7	32.3	9.3	2.3	0.2	0.9	1.6
Subt.liquid bulk g.	14.7	1.6	40.5	26.6	186.6	39.5	2.9	5.8	14.0	46.1
Total bulk goods	41.7	11.2	42.6	78.0	277.4	64.1	20.0	7.8	41.6	50.9
Containers	95.8	48.8	0.0	3.6	104.6	94.5	0.4	20.3	1.6	26.4
Roll on/roll off	0.0	0.0	0.0	1.1	15.4	4.5	1.9	13.0	12.3	1.6
Other general cargo	2.9	9.2	0.1	5.1	9.4	19.8	2.8	1.0	1.6	0.0
Total general cargo	98.7	58.0	0.1	9.8	129.4	118.8	5.1	34.3	15.5	28.0
Total throughput	140.4	69.2	42.7	87.8	406.8	182.9	25.1	42.1	57.1	78.9

	HAMBURG	BREMEN	WILHELMSHAVEN	AMSTERDAM	ROTTERDAM	ANTWERP	GENT	ZEEBRUGGE	DUNKIRK	LE HAYRE
Agribulk	6.3	0.9	0.0	8.1	9.3	1.1	1.9	0.0	0.9	0.1
Ores and scrap	11.7	4.8	0.0	9.8	38.6	5.8	5.4	0.0	13.6	0.0
Coal	4.9	1.9	1.3	19.6	27.6	9.3	2.7	0.0	10.2	1.8
Other dry bulk goods	5.7	1.8	0.8	10.7	11.5	9.6	6.9	2.0	3.2	1.8
Subt.dry bulk goods	28.6	9.4	2.1	48.2	87.9	26.0	16.9	2.0	27.9	3.7
Crude oil	4.3	0.0	30.3	0.0	99.2	5.8	0.0	0.0	6.2	34.2
Mineral oil products	7.1	2.3	10.2	23.5	45.9	24.8	0.6	6.0	7.0	12.0
Other bulk goods	2.8	0.0	0.4	1.9	31.2	7.7	2.1	0.2	0.9	1.3
Subt.liquid bulk g.	14.2	2.3	40.9	25.4	176.6	38.3	2.7	6.2	14.1	47.5
Total bulk goods	42.8	11.7	43.0	73.6	264.5	64.3	19.6	8.2	42.0	51.2
Containers	89.5	44.9	0.0	3.3	94.8	80.8	0.3	18.0	1.7	21.1
Roll on/roll off	0.0	0.0	0.0	0.9	12.7	3.9	1.8	12.3	11.1	1.6
Other general cargo	2.6	8.5	0.1	6.6	9.8	18.4	2.4	1.0	1.8	0.0
Total general cargo	92.1	53.4	0.1	10.8	117.3	103.1	4.5	31.3	14.6	22.7
Total throughput	134.9	65.1	43.1	84.4	381.8	167.4	24.1	39.5	56.6	73.9

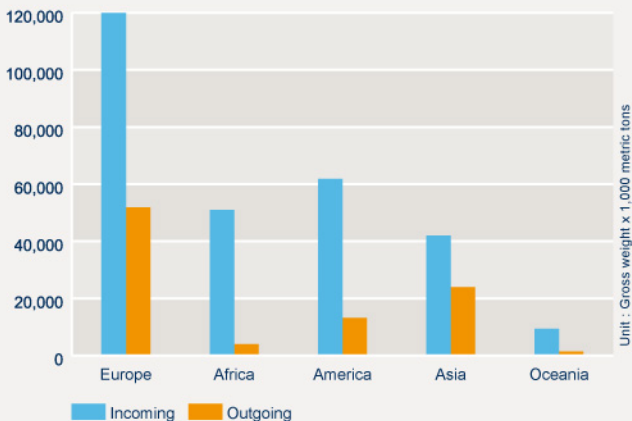
Unit : Gross weight x 1 million metric tons

Hamburg and Bremen other general cargo including roll on/roll off

Amsterdam including North Sea Canal Area/Zeebrugge including bunkermaterials

Source : Port Authorities

INCOMING AND OUTGOING CARGO GROUPED BY CONTINENT, 2007



Containers

INCOMING AND OUTGOING CONTAINERS BY SEA, 2007 - 2006

	2007			2006		
	Empty	Loaded	Total	Empty	Loaded	Total
Incoming						
< 29 ft	215,418	977,859	1,193,277	221,558	899,311	1,120,869
30 39 ft	21,698	15,517	37,215	19,786	18,467	38,253
40 44 ft	267,516	1,567,602	1,835,118	254,066	1,372,128	1,626,194
45 > ft	166,619	95,219	261,838	128,328	100,045	228,373
Total incoming:						
Containers	671,251	2,656,197	3,327,448	623,738	2,389,951	3,013,689
TEU's	1,170,560	4,358,446	5,529,006	1,058,481	3,905,064	4,963,545
Outgoing						
< 29 ft	234,195	891,716	1,125,911	204,38	827,819	1,032,199
30 39 ft	1,480	34,558	36,038	2,040	36,576	38,616
40 44 ft	484,496	1,257,264	1,741,760	363,677	1,171,643	1,535,320
45 > ft	5,012	251,902	256,914	5,93118	220,678	226,609
Total outgoing:						
Containers	725,183	2,435,440	3,160,623	576,028	2,256,716	2,832,744
TEU's	1,217,231	4,044,367	5,261,598	948,843	3,740,844	4,689,687
Total throughput:						
Containers	1,396,434	5,091,637	6,488,071	1,199,766	4,646,667	5,846,433
TEU's	2,387,791	8,402,813	10,790,604	2,007,324	7,645,908	9,653,232

Unit : Number of containers and TEU's

Source : PoR

MODAL SPLIT CONTAINERS THROUGHPUT, 2006 - 2003

	2006	%	2005	%	2004	%	2003	%
Barge	1,364	30.5	1,246	30.5	1,188	30.7	1,102	31.3
Rail	486	10.9	384	9.4	358	9.2	336	9.6
Road	2,619	58.6	2,458	60.1	2,332	60.1	2,079	59.1
Total	4,469	100.0	4,088	100.0	3,878	100.0	3,517	100.0
From/to Hinterland	4,469	76.1	4,088	72.5	3,878	76.2	3,517	80.1
Feeder throughput	1,400	23.9	1,549	27.5	1,212	23.8	874	19.9
Total throughput	5,869	100,0	5,637	100,0	5,090	100,0	4,391	100,0

Unit : Number of moves x 1,000

Source : PoR

ARRIVALS OF SEA-GOING VESSELS BY TYPE OF SHIP, 2007 - 2006

Type of ship	2007		2006	
	Number	Throughput	Number	Throughput
Passenger ships	20	0	18	0
Bulk carriers	9,103	266,448	8,807	254,921
Bulk carriers	1,059	68,105	1,033	63,683
Ore carriers	45	10,356	62	14,392
Ore/bulk/oil carriers	24	1,899	24	1,406
Tankers	7,975	186,088	7,688	175,440
General Cargo	24,620	139,702	23,155	126,268
Container-bulk carriers	8	102	11	161
General cargo ships	9,48	27,208	9,834	29,325
Roll-on/off passenger ships	7,869	21,456	6,853	18,138
Full-container ships	7,263	90,936	6,457	78,644
Other vessels	1,152	662	1,079	564
Total	34,895	406,812	33,059	381,753

Unit : Gross weight x 1,000 metric tons

Source : PoR

DIRECT SEAPORT RELATED ADDED VALUE AND EMPLOYMENT PER SECTOR

Sector	Added Value			Working people		
	2006	2005	2004	2006	2005	2004
Transport mode	2,513	2,369	2,309	34,027	33,319	31,527
- Navigation	802	782	788	4,155	4,168	4,15
- Inland navigation	309	303	327	5,893	6,107	6,063
- Road transport	1,261	1,14	1,041	23,112	22,093	20,258
- Rail transport	44	46	51	806	889	989
- Pipeline transport	97	98	103	62	63	68
Services for transport	2,148	1,924	1,917	10,809	10,349	10,749
Handling and storage	1,925	1,805	1,654	9,084	9,098	8,677
Subtotal transport mode	6,585	6,098	5,879	53,92	52,766	50,953
Business location						
Industry	3,984	4,452	4,035	20,185	20,415	21,602
- Foodstuff	263	290	246	2,847	2,977	2,5
- Petroleum	1,609	2,184	1,545	3,041	3,141	3,145
- Chemicals	1,244	1,193	1,379	5,031	4,932	5,142
- Metals	164	149	157	2,818	2,596	2,858
- Vehicles	61	58	80	1,415	1,462	2,087
- Production of electricity	470	405	449	1,956	2,032	2,453
- Other	173	173	179	3,077	3,275	3,417
Wholesale	601	552	496	7,142	6,853	6,522
Public and private services	431	409	399	5,284	5,052	4,990
Subtotal business location	5,016	5,412	4,93	32,611	32,32	33,114
Total	11,602	11,51	10,809	86,531	85,086	84,067

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

RebelGroup on LISA and CBS data

Vessels

INCOMING AND OUTGOING TEU'S, GROUPED BY ORIGIN AND DESTINATION, 2006 - 2005

	2006			2005		
	Total	Incoming	Outgoing	Total	Incoming	Outgoing
Europe	3,639	1,655	1,984	3,371	1,557	1,814
United Kingdom	1,359	648	711	1,336	658	688
Ireland	647	335	312	592	298	294
Spain	226	84	142	201	76	125
Others	1,407	888	822	1,242	525	707
Africa	288	160	127	271	156	115
America	1,480	851	629	1,511	825	686
U.S. of America	822	421	401	839	401	437
Brazil	194	133	62	210	140	70
Others	464	297	166	462	284	179
Asia	4,137	2,255	1,882	3,896	2,131	1,765
China	1,532	945	587	1,337	848	489
Singapore	628	338	290	518	235	282
Japan	268	137	131	330	171	159
Hong Kong	497	246	251	421	230	191
Taiwan	240	120	121	241	92	149
Others	972	349	502	1	555	495
Oceania	68	29	39	178	117	62
Total	9,612	4,950	4,662	9,228	4,787	4,441

Unit : Number of TEU's x 1,000

Source : CBS

SHIP ARRIVALS, 2007 - 2004

	2007	2006	2005	2004
Number of sea-going vessels	34,895	33,059	30,778	30,694
Shipmovements of sea-going vessels	91,839	86,224	85,007	84,537
Inland vessels (estimated)	133,000	133,000	133,000	133,000

Unit : Number of vessels

Source : PoR



ARRIVALS OF SEA-GOING VESSELS BY GT-CLASS, 2007 - 2006

GT-class	2007		2006	
	Number	GT	Number	GT
0 - 1,500	2,682	2,719	2,880	2,883
1,501 - 10,000	13,674	66,512	13,190	62,100
10,001 - 50,000	13,735	365,908	12,427	342,627
50,001 - 100,000	1,989	155,317	1,929	149,207
100,001 - 210,000	415	55,816	321	43,814
Total	34,895	650,407	33,059	604,612

Unit : GT x 1,000 tons

Source : PoR

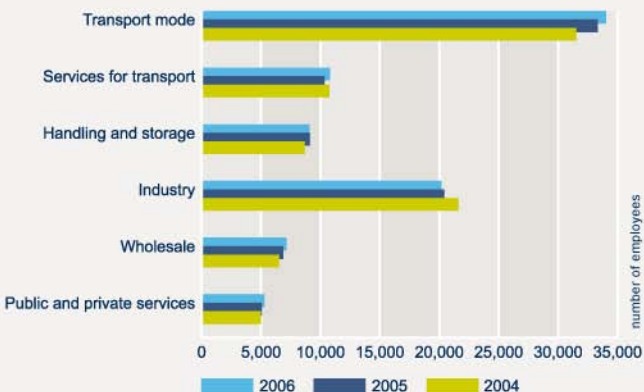
ARRIVALS OF SEA-GOING VESSELS BY LENGTH CLASS, 2007 - 2006

Class of length (meter)	2007		2006	
	Number	GT	Number	GT
0 - 100	11,224	25,329	11,402	25,805
101 - 150	10,365	84,888	9,091	78,772
151 - 200	6,548	141,676	6,944	157,221
201 - 250	4,068	176,811	2,891	128,388
251 - 300	1,618	108,596	1,945	128,753
301 - 380	1,072	113,107	786	85,673
Total	34,895	650,407	33,059	604,612

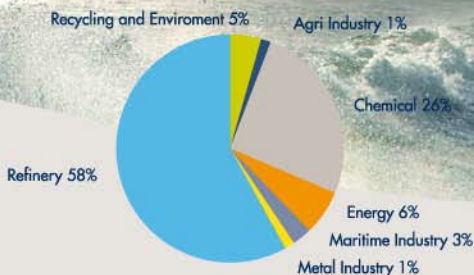
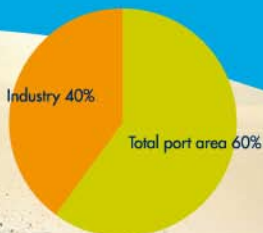
Unit : GT x 1,000 tons

Source : PoR

DIRECT SEAPORT RELATED ADDED VALUE AND EMPLOYMENT PER SECTOR



Land use industry



KEY FIGURES (PETROCHEMICAL, EDIBLE OILS AND FATS) INDUSTRY, 2007

- 5 oil refineries
- 44 chemical and petrochemical companies
- 3 industrial gas producers
- 6 crude oil terminals
- 19 independent tank terminals oil and chemical products
- 4 third-party terminals edible oils and fats
- 4 refineries edible oils and fats
- 1,500 kilometres pipelines

COVERED STORAGE CAPACITY, 2007

	Sheds	Sheds st. chemicals	Cold st. warehouses
Total Rotterdam	2.7 million (m ²)	0.2 million (m ²)	2.0 million (m ³)
Other Great Rotterdam *	2.0 million (m ²)	0.1 million (m ²)	1.0 million (m ³)
Total	4.7 million (m²)	0.3 million (m²)	3.0 million (m³)

* Including Region Rijnmond

Source : PoR

PORT INFRASTRUCTURE AND EQUIPMENT, 2007

Total port area	10,500 ha
Area of industrial sites	5,100 ha
Area of water	3,440 ha
Infrastructure	1,960 ha
Port length	40 km
Pipelines	1,500 km
Quay length	74 km
Slope length	187 km

Tank storage (x 1 million tons) 28.4 m³

Crude oil (refinery storage)	12.0 m ³
Crude oil (independent storage)	0.8 m ³
Mineral oil products (refinery storage)	6.7 m ³
Mineral oil products (independent storage)	5.5 m ³
Chemical products (independent storage)	2.3 m ³
Vegetable oils and fats (independent storage)	1.1 m ³

Cranes

Container gantry cranes	103
Container cranes (Railterminals)	11
Multi-purpose cranes	159
Bulk cranes	58
Floating cranes	25
Sheer leg cranes	10

Terminals

Container terminals (for deep-sea, short sea and inland shipping)	9
Multi purpose terminals	17
All weather terminal (steel and paper)	1
Roll on/Roll off terminals	7
Car terminal	1
Fruit terminals	2
Juice terminals	3
Dry bulk terminals	15
Liquid bulk terminals	32
Cruise terminal	1

Various

Tug boats	41
Pilot boats	6
Jetties	122
Berths on buoy	23
Dock capacity (on 4 locations)	
Graven dry docks (of which covered 1)	6
Floating dry docks	7
Slipways	1

Source : PoR

Europe

MAJOR EUROPEAN PORTS, 2007 - 2004

	2007	2006	2005	2004
Rotterdam	406.8	381.8	370.2	352.7
Antwerp	182.9	167.4	160.1	152.3
Hamburg	140.4	134.9	125.7	114.4
Marseilles	96.3	100.0	96.6	94.1
Amsterdam/North Sea Canal Area	87.8	84.4	74.8	73.1
Le Havre	78.9	73.9	74.9	76.2
Algeciras	74.5	71.8	63.5	65.7
Bremen	69.2	65.1	54.3	52.3
Constantza *)	60.0	57.1	60.6	50.4
Genova	57.2	55.0	56.5	57.0
Duinkerken	57.1	56.6	53.4	51.0
Valencia	53.6	47.5	40.9	37.5
London	52.7	51.9	53.8	53.3
Barcelona	50.0	46.4	43.8	39.3
Wilhelmshaven	42.7	43.1	45.9	45.2
Zeebrugge	42.1	39.5	34.5	31.7
Zeeland Seaports	33.0	30.2	30.4	30.0

Unit : Gross weight x 1 million metric tons - *) provisional figures

Source : Port Authorities

MAJOR EUROPEAN CONTAINER PORTS, 2007 - 2004

	2007	2006	2005	2004
Rotterdam	10,791	9,653	9,288	8,292
Hamburg	9,890	8,862	8,088	7,003
Antwerp	8,176	7,018	6,488	6,064
Bremen	4,912	4,450	3,735	3,469
Gioia Tauro	3,445	2,939	3,161	3,261
Algeciras	3,414	3,255	3,180	2,937
Felixstowe	3,300	3,000	2,700	2,675
Valencia	3,043	2,612	2,410	2,145
Le Havre	2,638	2,137	2,058	2,150
Barcelona	2,610	2,318	2,071	1,916
Zeebrugge	2,020	1,653	1,408	1,197
Southampton	1,900	1,500	1,375	1,441
Marsaxlokk	1,900	1,485	1,321	1,461
Genoa	1,855	1,657	1,625	1,629
Piraeus	1,369	1,386	1,395	1,542

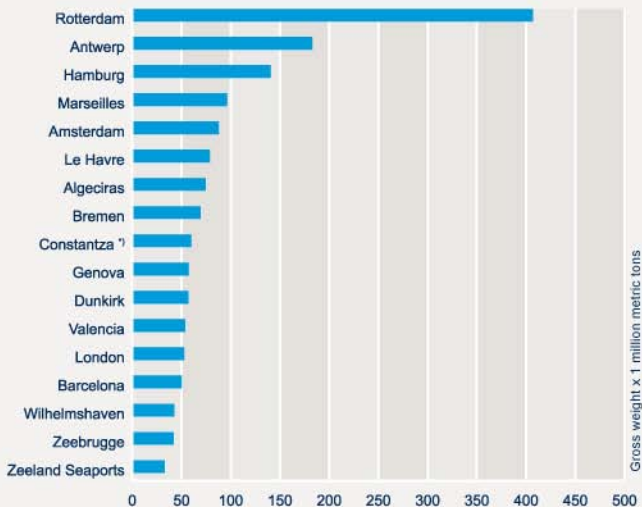
Unit : Number x 1,000 TEU's (Twenty Feet-Equivalent-Units)

Source : Port Authorities



Ports

MAJOR EUROPEAN PORTS, 2007



World

WORLD'S MAJOR PORTS, 2007 - 2004

	2007	2006	2005	2004
Shanghai ¹⁾	561.0	537.0	443.0	379.7
Singapore	483.6	448.5	423.3	393.4
Rotterdam	406.8	381.8	370.2	352.7
Ningbo	344.0	309.0	268.6	225.9
Guangzhou	340.0	302.0	250.9	215.2
Tianjin	309.0	258.0	241.4	206.2
Qingdao	265.0	224.0	186.8	162.7
Hong Kong ¹⁾	245.0	238.2	230.1	220.9
Dalian	220.0	200.0	170.0	145.2
Nagoya ²⁾	215.0	208.0	187.0	182.3
Antwerp	182.9	167.4	160.1	152.3
Hamburg	140.4	134.9	125.7	114.4

Unit : Gross weight x 1 million metric tons

¹⁾ Including rivertrade ²⁾ Freight tons

Validity of comparison is limited due to differences in definitions

Source : Port Authorities

WORLD'S MAJOR CONTAINER PORTS, 2007 - 2004

	2007	2006	2005	2004
Singapore	27,932	24,792	23,192	21,329
Shanghai ¹⁾	26,150	21,719	18,084	14,554
Hong Kong ¹⁾	23,881	23,540	22,427	21,984
Shenzhen	21,099	18,469	16,197	13,660
Busan	13,260	12,039	11,843	11,490
Rotterdam	10,791	9,653	9,288	8,292
Dubai Ports	10,653	8,923	7,619	6,429
Kaohsiung	10,257	9,775	9,471	9,714
Hamburg	9,890	8,862	8,088	7,003
Los Angeles	8,355	8,470	7,485	7,321
Antwerp	8,176	7,018	6,488	6,064

Unit : Number x 1,000 TEU's (Twenty Feet-Equivalent-Units)

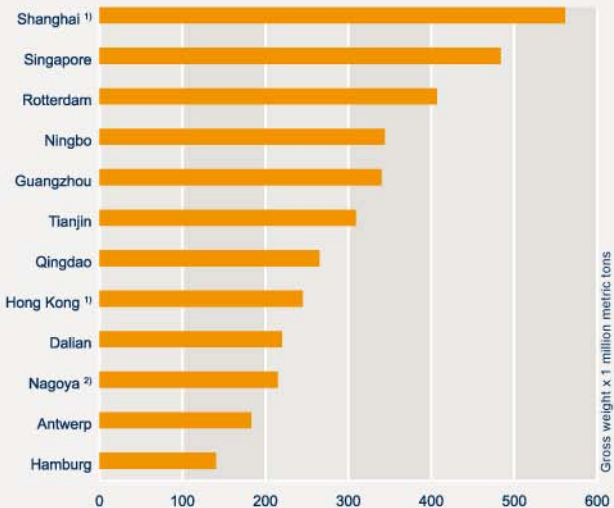
¹⁾ Including rivertrade

Source : Port Authorities



Ports

WORLD'S MAJOR PORTS, 2007



TOTAL PORT AREA 10,500 HA

AREA OF INDUSTRIAL SITES 5,100 HA

AREA OF WATER 3,440 HA

INFRASTRUCTURE 1,960 HA



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