



Institute of  
Shipping Economics  
and Logistics

# SHIPPING STATISTICS AND MARKET REVIEW 2023

Vol. 67 – No. 09

## Analytical Focus

- World Merchant Fleet
- World Tanker Market
- World Bulk Carrier Market
- World Container Shipping
- World General Cargo and Ro-Ro Shipping
- World Passenger and Cruise Shipping
- World Shipbuilding and Shipbuilders
- Major Shipping Nations
- **World Seaborne Trade and World Port Traffic**

[www.isl.org](http://www.isl.org)



# Shipping Statistics and Market Review (SSMR)

## Volume 67 - 2023

### Published and distributed by:

ISL Institute of Shipping Economics and Logistics  
Universitätsallee 11-13  
28359 Bremen, Germany

### Orders and subscription:

Phone: +49 421 22096-0  
eMail: [subscription@isl.org](mailto:subscription@isl.org)  
Web: <https://shop.isl.org>

### Subscription prices (Net price):

#### **ISL Shipping Statistics and Market Review (SSMR) Vol. 67 - 2023**

Print copy	690.- €
Download (single user / institutional licence)	560.- € / 680.- €
Print copy + download (institutional licence)	1,030.- €

#### **ISL SSMR Vol. 67 - 2023 - Single issues download**

No. 1	World Merchant Fleet	140.- €
No. 2	World Tanker Market	110.- €
No. 3	World Bulk Carrier Market	110.- €
No. 4	World Container Shipping	180.- €
No. 5	World General Cargo and Ro-Ro Shipping	110.- €
No. 6	World Passenger and Cruise Shipping	140.- €
No. 7	World Shipbuilding and Shipbuilders	110.- €
No. 8	Major Shipping Nations	110.- €
No. 9	World Seaborne Trade and World Port Traffic	180.- €

#### **ISL Shipping Statistics Yearbook (SSYB) 2022**

Print copy	450.- €
Print copy + download (single user / institutional licence)	490.- € / 680.- €
Download (single user / institutional licence)	370.- € / 460.- €

#### **ISL SSMR Vol. 67 - 2023 & ISL SSYB 2022 - Package**

Print copy	970.- €
Print copy + download (single user / institutional licence)	1,010.- € / 1,450.- €
Download (single user / institutional licence)	800.- € / 960.- €

*All prices including packing and postage except Airmail. In case of inland sales plus VAT (MwSt).  
Cancellation 3 months before end of calendar year.*

**© ISL Institute of Shipping Economics and Logistics, Bremen, 2023**

*All rights reserved. No parts of this publication may be reproduced or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or any information storage or retrieval system without permission in writing from the editors. The editors do not guarantee the accuracy of the information contained in „ISL Shipping Statistics and Market Review (SSMR)“ nor do they accept responsibility for errors or omissions of their consequences.*

# Shipping Statistics and Market Review

## Analytical Focus

### World Seaborne Trade and Port Traffic

ISL Comment.....	5
ISL Statistical Tables.....	14

## Market Review

Economic Indicators.....	45
World Merchant Fleet.....	48
Freight and Charter Market.....	51
Shipping Prices and Costs.....	65
World Shipbuilding.....	68
World Port Traffic.....	70

**ISL Comment**

Page  
**5-15**

Author: Dieter Stockmann/Sönke Maatsch

<b>(1) GLOBAL GROWTH SLOWED BY HIGH UNCERTAINTY</b>	5
<b>(2) SEABORNE TRADE</b>	
Maritime transport of dry bulk goods in 2022 and out-look for 2023	6
Liquid bulk commodities	6
Uneven recovery of global car production and transport	6
Vehicles seaborne trade may experience largest drop ever	7
<b>(3) ISL WORLD PORT ANALYSIS</b>	
Strong recovery of port traffic in 2022	7
Development of container traffic dominated by China	7
Dry bulk: Ore and coal exports weaken	8
A boost for bulk ports in 2022	9
<b>(4) PORT TRAFFIC DEVELOPMENT IN MAJOR PORT RANGES</b>	
Africa	10
Asia	10
Europe	11
America	12
<b>COMMENT - SUMMARY TABLES</b>	
Tab. 1 Intra- and inter-regional merchandise trade 2022	5
Tab. 2 Average growth rates of seaborne trade by commodity 2008 - 2022 and volume in 2022	5
Tab. 3 Automobile throughput of selected ports 2016 - 2022	6
Tab. 4 Total cargo traffic and container traffic by port regions 2012 - 2022	7
Tab. 5 Total cargo traffic - the ten fastest growing and declining ports 2021 and 2022	8
Tab. 6 Cargo traffic of top five North-, East- and South- and West-African ports 2012 - 2022	9
Tab. 7 Container traffic of top five North-, East- and South- and West-African ports 2012 - 2022	9
Tab. 8 Cargo traffic of Asian ports by countries 2018 - 2022	10
Tab. 9 Cargo traffic of Top 10 Asian ports 2008 - 2022	10
Tab. 10 TEU traffic of top 10 Asian ports 2008- 2022	10
Tab. 11 Container traffic of Asian ports 2018 - 2022 by countries	11
Tab. 12 Cargo traffic of European ports by loading categories 2018 - 2022	11
Tab. 13 Cargo traffic of major European ports 2000 - 2022	12
Tab. 14 Top 10 European container ports 2000 - 2022	12
Tab. 15 Cargo traffic of top five South and North American ports 2012 - 2022	13
Tab. 16 Container traffic of top five South and North American ports 2012 - 2022	13
<b>COMMENT - FIGURES</b>	
Fig. 1 Industrial Production YoY % growth of leading economies	5
Fig. 2 Development of seaborne trade by major cargo aggregates 2005 - 2022	5
Fig. 3 World Seaborne Trade 2022 by Main Importing and Exporting Regions	6
Fig. 4 Global car production and trade 2020 - 2022	6
Fig. 5 Monthly vehicles throughput of selected ports January 2018 - September 2022	6
Fig. 6 Distribution of Cargo Types for Selected Ports	7
Fig. 7 Development of cargo traffic of major seaports grouped according to continents 2012-2022	7
Fig. 8 Development of container traffic of major seaports according to continents 2012-2022	8
Fig. 9 RWI/ISL Container Throughput Index	8
Fig. 10 African ports - cargo traffic of ports according to sub-regions 1997 - 2022	9
Fig. 11 Asian ports - cargo traffic of ports according to sub-regions 1997 - 2022	10
Fig. 12 Year on year growth rates of the top five Chinese ports 2010 - 2022	11
Fig. 13 Total cargo traffic of European ports by region 1997 - 2022	11
Fig. 14 Cargo traffic of European ports by region 2022	12
Fig. 15 Cargo traffic of major American ports by regions 1997 - 2022	12
Fig. 16 Cargo traffic of American ports by region 2022	13

**ISL Statistical Tables**

14-44

(1) WORLD ECONOMY AND TRADE

1.1	Growth of the World Economy 2010 – 2022	14
1.2	Intra- and Inter-Regional Merchandise Trade, 2022	14

(2) WORLD PORT DEVELOPMENT

2.1	Port Traffic League by Total Cargo Traffic 2016 - 2022	15
2.2	Port Traffic League by TEU Container Traffic 2016 – 2022	17
2.3	Cargo Traffic of Selected Ports by Loading and Unloading Regions 2011 – 2022	19
<b>2.3.1</b>	<b>Asian ports</b>	<b>19</b>
2.3.1.1	Port Traffic Growth by Major Countries 2011 - 2022	19
2.3.1.2	Comparison of the Most and Least Dynamic Ports 2020 - 2022	19
2.3.1.3	Cargo Traffic of Major Asian Ports by Sub-Region 2022	20
<b>2.3.2</b>	<b>American ports</b>	<b>21</b>
2.3.2.1	Port Traffic Growth by Major Countries 2011 - 2022	21
2.3.2.2	Comparison of the Most and Least Dynamic Ports 2020 - 2022	21
2.3.2.3	Cargo Traffic of Major American Ports by Sub Region 2022	22
<b>2.3.3</b>	<b>European ports</b>	<b>23</b>
2.3.3.1	Port Traffic Growth by Major Countries 2011 - 2022	23
2.3.3.2	Comparison of the Most and Least Dynamic Ports 2020 - 2022	23
2.3.3.3	Cargo Traffic of Major European Ports by Sub Region 2022	24
<b>2.3.4</b>	<b>African and Oceanian ports</b>	<b>25</b>
2.3.4.1	Port Traffic Growth by Major Countries 2011 - 2022	25
2.3.4.2	Comparison of the Most and Least Dynamic Ports 2020 - 2022	25
2.3.4.3	Cargo Traffic of Major African Ports by Sub Region 2022	26
2.3.4.4	Cargo Traffic of Major Oceanian Ports 2022	26

(3) SELECTED WORLD PORTS BY LOADING CATEGORIES

3.1	Selected Major World Dry Bulk Ports 2017 - 2022	27
3.2	Selected Major World Liquid Bulk Ports 2017 – 2022	28
3.3	Selected Major World Vehicle Ports 2017 – 2022	29
3.4	Selected Major World Passenger Ports 2017 – 2022	30
3.5	Ship Traffic of Selected World Ports 2017 – 2022	31

(4) WORLD CONTAINER PORT TRAFFIC OF SELECTED PORTS BY REGION 2017 - 2022

4.1	America	32
4.2	Asia	32
4.3	Europe	33
4.4	Africa and Oceania	33

(5) SHORT TERM INDICATORS OF CONTAINER TRAFFIC OF SELECTED CONTAINER PORTS

<b>5.1</b>	<b>North American ports</b>	<b>34</b>
5.1.1	Monthly TEU Index January 2021 - September 2023	34
5.1.2	Quarterly Development of Container Port Traffic 2021 - 2023	34
<b>5.2</b>	<b>Central American and Caribbean ports</b>	<b>35</b>
5.2.1	Monthly TEU Index January 2021 - September 2023	35
5.2.2	Quarterly Development of Container Port Traffic 2021 - 2023	35
<b>5.3</b>	<b>South American</b>	<b>36</b>
5.3.1	Monthly TEU Index January 2021 - September 2023	36
5.3.2	Quarterly Development of Container Port Traffic 2021 - 2023	36
<b>5.4</b>	<b>Ports in Japan, South Korea and Taiwan...</b>	<b>37</b>
5.4.1	Monthly TEU Index January 2021 - September 2023	37
5.4.2	Quarterly Development of Container Port Traffic 2021 - 2023	37
<b>5.5</b>	<b>Ports in China</b>	<b>38</b>
5.5.1	Monthly TEU Index January 2021 - September 2023	38
5.5.2	Quarterly Development of Container Port Traffic 2021 - 2023	38
<b>5.6</b>	<b>Ports in South East Asia, and Australia</b>	<b>39</b>
5.6.1	Monthly TEU Index January 2021 - September 2023	39
5.6.2	Quarterly Development of Container Port Traffic 2021 - 2023	39
<b>5.7</b>	<b>Ports in Western Asia and the Arabian Peninsula</b>	<b>40</b>
5.7.1	Monthly TEU Index January 2021 - September 2023	40
5.7.2	Quarterly Development of Container Port Traffic 2021 - 2023	40
<b>5.8</b>	<b>Ports in South Africa, Morocco, Egypt and Israel</b>	<b>41</b>
5.8.1	Monthly TEU Index January 2021 - September 2023	41
5.8.2	Quarterly Development of Container Port Traffic 2021 - 2023	41
<b>5.9</b>	<b>Ports in Europe Northern Europe</b>	<b>42</b>
5.9.1	Monthly TEU Index January 2021 - September 2023	42
5.9.2	Quarterly Development of Container Port Traffic 2021 - 2023	42
<b>5.10</b>	<b>Ports in the Baltic Sea Region, Ireland and Portugal</b>	<b>43</b>
5.10.1	Monthly TEU Index January 2021 - September 2023	43
5.10.2	Quarterly Development of Container Port Traffic 2021 - 2023	43
<b>5.11</b>	<b>Ports in Southern Europe</b>	<b>44</b>
5.11.1	Monthly TEU Index January 2021 - September 2023	44
5.11.2	Quarterly Development of Container Port Traffic 2021 - 2023	44

**ISL Market Review**

45-74

**Contents – Major Market Indicators**

<b>(1) ECONOMIC INDICATORS</b>		<b>Page</b>	Frequency/up-date (issue)								
			1	2	3	4	5	6	7	8	9
1.1	Currency Units, Exchange Rate	m 46	●	●	●	●	●	●	●	●	●
1.2	World Market Prices Overall Index	m 46	●	●	●	●	●	●	●	●	●
1.3	HWWI-World Market Prices for Selected Commodities	m 46	●	●	●	●	●	●	●	●	●
1.4	Production Indices per Working Day (Selected EU Countries)	m 47	●	●	●	●	●	●	●	●	●
1.5	Production Indices per Working Day for EU-15, Japan/USA	m 47	●	●	●	●	●	●	●	●	●
1.6	OECD Summary of the Projections	h 48	●				●				

<b>(2) WORLD MERCHANT FLEET</b>		<b>Page</b>	Frequency/up-date (issue)								
			1	2	3	4	5	6	7	8	9
2.1	World Merchant Fleet Development by Ship Type	q 49	●			●		●		●	
2.2	Additions to the World Merchant Fleet by Ship Type	q 49	●			●		●		●	
2.3	World Merchant Fleet Reductions / Broken-up Tonnage										
2.3.1	By Month	m 50	●			●		●		●	
2.3.2	By Year of Build and Ship Type (Cum.)	m 51	●			●		●		●	
2.3.3	By Major Flags and Ship Type (Cum.)	m 51	●			●		●		●	
2.3.4	By Country of Scrapping and Ship Type (Cum.)	m 51	●			●		●		●	

<b>(3) FREIGHT AND CHARTER MARKET</b>		<b>Page</b>	Frequency/up-date (issue)								
			1	2	3	4	5	6	7	8	9
3.1	Freight and Charter Market – Executive Summary	m 52	●	●	●	●	●	●	●	●	●
3.2	Freight and Charter Market – Monthly Details										
3.2.1	Hamburg Index for Containership Time-Charter-Rates	m 54	●	●	●	●	●	●	●	●	●
3.2.2	HARPEX Containership Index	m 55	●	●	●	●	●	●	●	●	●
3.2.3	German Sea Freight indices	m 56	●	●	●	●	●	●	●	●	●
3.2.4	Fearnleys - Time Charter Rates for Tankers	m 58	●	●	●	●	●	●	●	●	●
3.2.5	Clarkson – Tanker Spot Rates	m 59	●	●	●	●	●	●	●	●	●
3.2.6	Fearnleys – Dry Bulk Charter	m 60	●	●	●	●	●	●	●	●	●
3.2.7	Baltic Exchange Dry Bulk Indices	m 61	●	●	●	●	●	●	●	●	●
3.2.8	Maritime Research Freight Indices	m 62	●	●	●	●	●	●	●	●	●
3.2.9	Worldwide - Charter Fixtures for Coal and Grain	m 64	●	●	●	●	●	●	●	●	●
3.2.10	Spot Market Dirty Fixtures Arab. Gulf to North Europe	m 65	●	●					●		

<b>(4) SHIPPING PRICES AND COSTS</b>		<b>Page</b>	Frequency/up-date (issue)								
			1	2	3	4	5	6	7	8	9
4.1	Shipping Prices and Costs - Executive Summary	m 66	●	●	●	●	●	●	●	●	●
4.2	Monthly Demolition Prices by Area	m 67	●	●	●	●	●	●	●	●	●
4.3	Development of Bunker Market Prices	m 68	●	●	●	●	●	●	●	●	●

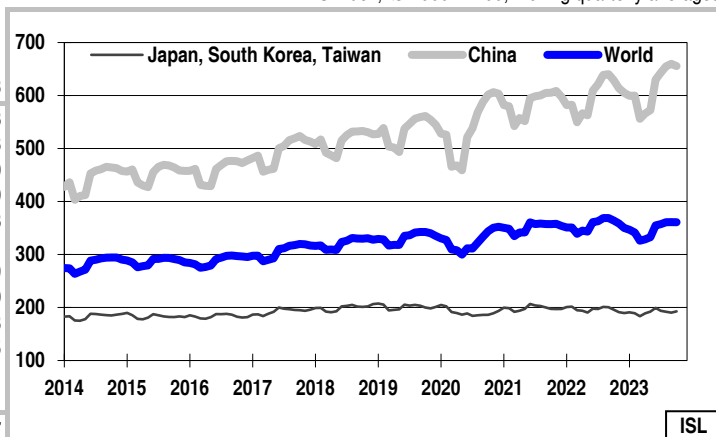
<b>(5) WORLD SHIPBUILDING</b>		<b>Page</b>	Frequency/up-date (issue)								
			1	2	3	4	5	6	7	8	9
5.1	New Orders – By Ship Type	q 69	●			●		●		●	
5.2	New Orders - By Country Groups/Shipbuilding Countries	q 69	●			●		●		●	
5.3	Order Book - By Ship Type	q 70	●			●		●		●	
5.4	Order Book - By Country Group/Shipbuilding Countries	q 70	●			●		●		●	

<b>(6) DEVELOPMENT OF MAJOR WORLD PORTS</b>		<b>Page</b>	Frequency/up-date (issue)								
			1	2	3	4	5	6	7	8	9
6.1	Total Cargo Traffic	q 71	●			●		●		●	
6.2	Total Container Traffic	q 71	●			●		●		●	
6.3	ISL Monthly Container Port Traffic Indices	m 72	●	●	●	●	●	●	●	●	●

6.3 ISL Monthly Container Port Traffic Indices 2021 - 2023

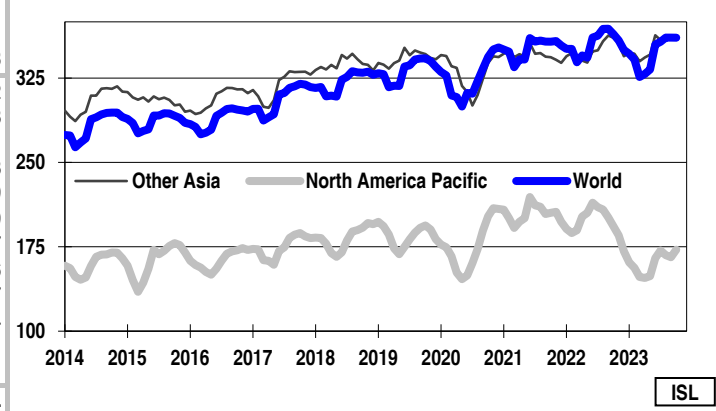
TEU index; Ø 2000 = 100; moving quarterly averages

Month	Japan, South Korea, Taiwan			China		
	2021	2022	2023	2021	2022	2023
Jan.	199.6	200.8	190.9	581.9	581.8	599.3
Feb.	198.8	201.5	189.2	579.8	582.4	599.8
March	191.7	194.8	183.4	542.3	549.5	556.0
April	193.9	193.9	188.9	557.5	566.4	566.0
May	197.4	190.4	192.2	551.6	562.6	572.3
June	206.8	197.7	199.2	594.9	608.9	630.1
July	203.8	197.2	193.8	598.5	621.4	642.9
Aug.	202.8	201.2	191.9	600.2	638.8	655.0
Sep.	200.0	200.5	190.3	604.8	640.3	659.8
Oct.	197.3	195.8	192.6	605.3	628.7	655.5
Nov.	197.1	191.1		608.6	613.5	
Dec.	197.1	189.5		597.7	605.1	
<b>Average</b>	<b>198.8</b>	<b>196.2</b>	<b>191.2</b>	<b>585.3</b>	<b>600.0</b>	<b>613.7</b>



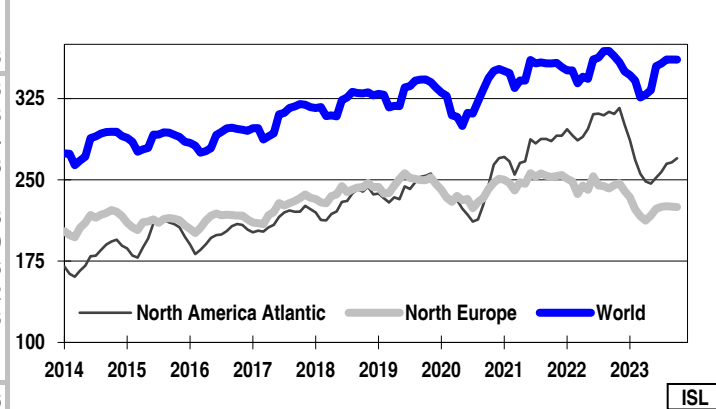
ISL

Month	Other Asia			North America Pacific		
	2021	2022	2023	2021	2022	2023
Jan.	346.7	344.4	347.5	208.0	190.9	161.2
Feb.	349.1	347.2	346.6	200.5	187.2	156.3
March	343.5	341.6	339.9	191.8	189.7	148.1
April	346.2	340.5	343.3	197.2	201.8	147.3
May	344.1	338.8	345.8	200.4	205.1	148.9
June	356.0	348.7	363.1	219.3	214.1	164.9
July	346.6	349.7	358.9	211.8	210.2	171.7
Aug.	347.2	357.7	362.8	210.6	208.1	167.6
Sep.	344.0	362.8	360.2	204.1	201.1	165.7
Oct.	343.5	360.8	359.2	205.2	193.1	172.4
Nov.	341.3	355.4		206.1	185.1	
Dec.	338.6	344.4		197.1	171.0	
<b>Average</b>	<b>345.6</b>	<b>349.3</b>	<b>352.7</b>	<b>204.3</b>	<b>196.5</b>	<b>160.4</b>



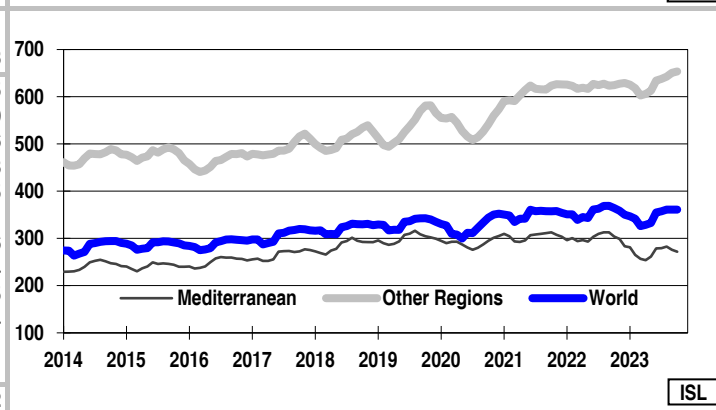
ISL

Month	North America Atlantic			North Europe		
	2021	2022	2023	2021	2022	2023
Jan.	271.1	296.6	286.6	250.1	250.9	233.8
Feb.	267.0	291.1	268.5	247.0	248.6	222.8
March	254.8	286.4	255.4	240.1	236.8	216.4
April	265.5	289.6	248.5	247.7	244.6	212.3
May	267.0	297.0	246.5	246.3	240.8	217.1
June	287.3	310.6	251.9	256.1	253.2	223.3
July	283.6	311.1	257.2	252.9	244.7	225.0
Aug.	287.7	309.5	264.8	255.9	244.2	225.6
Sep.	287.7	312.7	266.1	253.8	242.0	225.2
Oct.	285.6	310.7	269.9	252.6	245.0	224.8
Nov.	290.6	316.3		253.5	246.8	
Dec.	290.7	300.8		254.4	239.6	
<b>Average</b>	<b>278.2</b>	<b>302.7</b>	<b>261.5</b>	<b>250.9</b>	<b>244.8</b>	<b>222.6</b>



ISL

Month	Mediterranean			Other Regions		
	2021	2022	2023	2021	2022	2023
Jan.	309.6	296.1	281.1	590.7	625.7	625.5
Feb.	304.4	300.6	264.9	592.3	622.9	618.0
March	293.5	294.2	256.6	590.7	616.7	602.6
April	292.4	296.3	253.7	602.8	619.1	605.8
May	295.7	293.0	261.4	613.9	616.6	612.5
June	306.7	303.3	278.6	623.6	627.2	634.1
July	308.1	309.5	279.1	616.6	624.5	637.6
Aug.	309.5	312.7	282.6	615.6	627.5	642.4
Sep.	311.0	312.8	275.9	615.1	623.2	650.5
Oct.	312.8	303.8	271.7	623.4	624.5	653.4
Nov.	307.6	298.8		626.5	627.4	
Dec.	303.5	283.3		626.0	629.1	
<b>Average</b>	<b>304.6</b>	<b>300.4</b>	<b>270.6</b>	<b>611.4</b>	<b>623.7</b>	<b>628.2</b>



ISL

Note: For further information, e.g. definition of port regions, please see Definitions.

(Source: ISL Monthly Container Port Monitor 2023)

### ISL Monthly Container Port Traffic Indices 2013 - 2023

ISL's Monthly Container Port Traffic Index is based on monthly container traffic of the world's top container ports. In total, the ports reflected in the index handled approx. 567.9 mill TEU in 2022, equalling around 80 per cent of world container traffic. The monthly TEU volumes per port are available since 2000. The different regions are represented by the following ports:

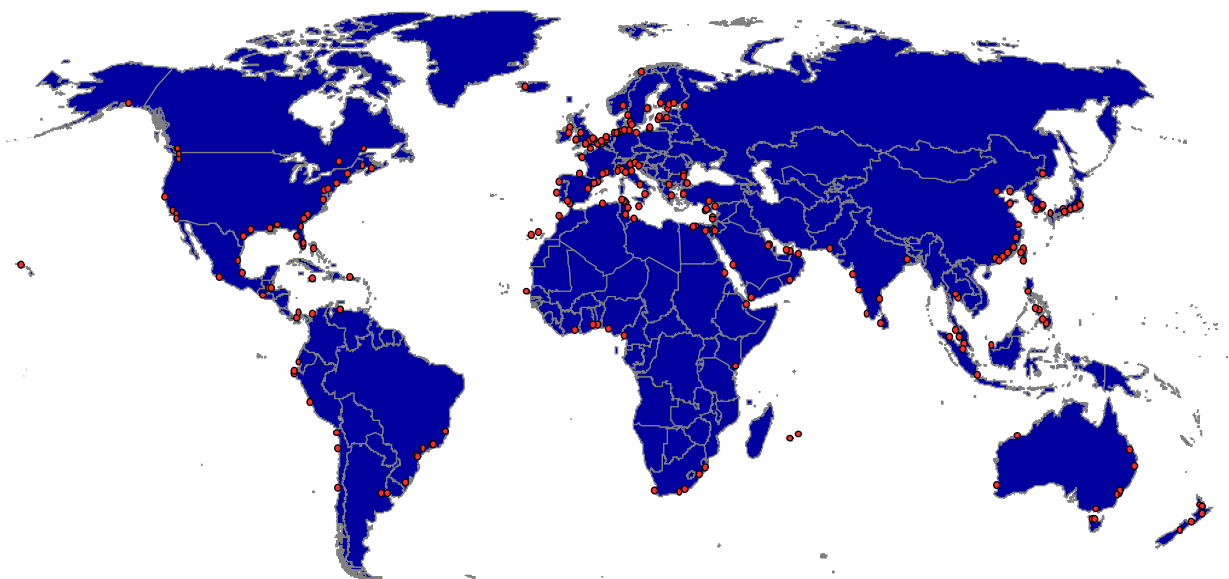
<b>Japan, S. Korea,</b>	Kobe, Nagoya, Osaka, Tokyo, Yokohama, Busan, Inchon, Kwangyang, Kaohsiung, Keelung, Taichung
<b>China:</b>	Guangzhou, Hong Kong, Ningbo, Qingdao, Shanghai, Shenzhen, Tianjin, Xiamen
<b>Other Asia:</b>	Aden, Bandar Abbas, Ashdod, Haifa, Beirut, Salalah, Dammam, Jeddah, Jebel Ali, Chennai, Nhava Sheva, Manila, Singapore, Colombo, Bangkok, Laem Chabang, Port Klang, Manila
<b>North-America Pacific:</b>	Long Beach, Los Angeles, Oakland, Seaport Alliance (Seattle, Tacoma), Prince Rupert, Vancouver
<b>North-America Atlantic:</b>	Baltimore, Charleston, Houston, Montreal, New York/ New Jersey, Port of Virginia, Savannah
<b>North Europe:</b>	Antwerp, Bremen / Bremerhaven, Dublin, Gdansk, Hamburg, Helsinki, Klaipeda, Kotka, Le Havre, Lissabon, Rotterdam, Sines, St Petersburg, Tallinn, Zeebrugge
<b>Mediterranean:</b>	Alexandria, Ambarli, Ashdod, Algeciras-La Linea, Barcelona, Beirut, Casablanca, Genoa, Gioia Tauro, Haifa, Kocaeli, Marseilles, Mersin, Napoli, Salerno, Port Said, Valencia
<b>Other Regions:</b>	Balboa Panama, Brisbane, Buenaventura S.A., Buenos Aires, Callao, Cape Town, Cartagena, Durban, Guayaquil, Itajai, Kingston, Lazardo Cardena, Manzanillo Mx, MIT Panama, Melbourne, Montevideo, Ngqura, Paranagua, San Antonio, Santos, Sydney, Valparaiso, Veracruz Mx

(Source: ISL Port Data Base 2023)

### The ISL Port Data Base

*the most comprehensive data base in port traffic*

The ISL Port Data Base contains structured, comparable data on shipping, cargo and container traffic for more than 400 leading world ports since 1980. The data is constantly updated and completed, including today about 200 items per port and per year. This unique data base is made possible by our network partners throughout the world providing the broad information for our yearly ISL Port Data Base Survey.



#### Basis of calculation:

Our basis for customised extracts from the Port Data Base is as follows: € 60 - basic fee, plus € 0.60 per item.

The basic fee includes the setting up of a suited layout the addition of the necessary explanatory remarks and footnotes as well as the transmission of the data by E-Mail or by fax. By subscribing to a specified analysis on a yearly basis, you will save the basic fee and get an additional 20 per cent off the other costs starting the second year. Apart from customised database extracts, we provide standardised port profiles and rankings. Please contact us for contractual information.

#### Contact and Enquiries:

Dieter Stockmann, Port Data Manager  
 Phone +49/4 21/2 20 96-33  
 eMail portbase@isl.org  
 Web <http://www.isl.org/infoline/>



**Fleet and New Construction Data****Country of registration and country of control**

Country of registration indicates the country of the port of registry of a country (flag). The country of control is defined as the “Real Nationality”, i.e. the home country of the interests behind the primary reference company. None of the information regarding ownership is intended to confirm or otherwise the legal status of the companies or the ships associated with them

**Denmark** includes Faeroes, Greenland.

**France** includes French Polynesia, Guadeloupe, Martinique, Mayotte, New Caledonia, Réunion, Saint-Pierre-et-Miquelon, Wallis and Futuna Islands.

**Netherlands** includes Netherlands Antilles, Curacao, Aruba.

**Portugal** includes Madeira.

**Spain** includes Canary Islands.

**UK** includes Isle of Man, Falkland Island, Turks and Caicos, St. Helens, Jersey.

**US** includes Puerto Rico.

**Broken-up Tonnage**

includes ships sold for breaking. Figures on broken-up tonnage are not revised if vessels reported for breaking are trading again.

**Merchant Ship Type Structures**

Based on „An International Classification of Ships by Type“ (ICST (1994)

Definition of terms used in merchant ship structures type classification.

**Tanker:** Single-deck vessel constructed and arranged for the carriage of liquid cargoes in tanks integral to the hull and include crude oil or non-hazardous (IMO code) refined products.

**Chemical tanker:** Vessel constructed and arranged for carrying hazardous (IMO code) cargoes in special tanks.

**Liquid gas tanker:** Vessel constructed and arranged for the carriage of liquefied gases either in integral tanks or independent tanks under pressure or refrigerated.

**Dry Bulk:** Dry cargo vessel. One deck, machinery aft with topside tanks capable of carrying a variety of self-trimming cargoes.

**Ore Carrier (Bulk Carrier):** Dry cargo vessel, one deck, strengthening for ore cargoes.

**Ore/Bulk/Oil Carrier (OBO):** Bulk carrier arranged for the carriage of either bulk dry cargoes or liquid cargoes in the same cargo spaces but not simultaneously.

**General Cargo:** Single or multi-deck general dry cargo vessel with facilities for loading/ discharging cargo.

**Specialised Carrier (Special Ship):** Dry cargo vessel specially designed for the carriage of particular cargoes, incl. open hatch carriers and reefer fish carriers.

**Reefer:** Specialised dry cargo vessel with 80 % or more insulated cargo space.

**RoRo Cargo/RoRo Passenger:** Vessel arranged for Roll-on Roll-off loading / discharging of vehicles (road and/or rail) as cargo and / or passenger conveyances.

**Container Ship (Fully Cellular Container Ships):** Vessel fitted throughout with fixed or portable cell guides for the carriage of containers above and below the weather deck.

**Passenger:** Vessel which carries more than 12 fare paying passengers whether berthed or unberthed (ferries).

**Clarkson Research Services Limited Disclaimer**

“The statistical and graphical Data contained under the heading is drawn from the Clarkson Research Services Limited (“CRSL”) database and other sources. CRSL has advised that: (i) some Data in CRSL’s database is derived from estimates or subjective judgments; and (ii) the Data in the databases of other marine data collection agencies may differ from the Data in CRSL’s database; and (iii) whilst CRSL has taken reasonable care in the compilation of the statistical and graphical Data and believes it to be accurate and correct, data compilation is subject to limited audit and validation procedures and may accordingly contain errors; and (iv) CRSL, its agents, officers and employees do not accept liability for any loss suffered in consequence of reliance on such Data or in any other manner; and (v) the provision of such Data does not obviate any need to make appropriate further enquiries; and (vi) the provision of such Data is not an endorsement of any commercial policies and/or any conclusions by CRSL”.

**Basic Ship Type Structure and ISL Ship Type Aggregates**

MERCHANT SHIP		STRUCTURES	ISL SHIP TYPES	
			Special Fleet Report	Broken-up tonnage etc.
LIQUID	Oil tankers	- Crude oil tankers - Crude/products tankers - Products tankers	Oil tankers " "	Tankers " "
	Oil / Chemical tankers	- Oil chemical tankers - Chemical tankers - Other tankers	Oil / Chemical tankers " "	Tankers "
	Liquid gas tankers	- LNG carriers - LPG carriers - Other liquid gas carriers	Liquid gas tankers " "	Tankers " "
DRY BULK	Bulk carriers	- bulk carriers - other bulk carriers incl. ore carriers - Ore/bulk/oil carriers - Ore/oil carriers - Bulk/oil carriers	Bulk carriers Other bulk carriers " " "	Bulk carriers " " " "
OTHER DRY CARGO	General cargo ships	<i>of which</i> - Conventional Cargo ships - Special ships - Pure car carriers - Reefer ships - RoRo cargo ships	General cargo ships, <i>of which</i> Conventional Cargo ships Special ships Pure car carriers Reefer ships RoRo cargo ships	General cargo ships, <i>of which</i> Conventional Cargo ships (a) (a) (a)
	Container ships	- Fully cellular container ships	Fully cellular container ships	Fully cellular container ships
	Passenger and passenger cargo ships (b)	<i>of which</i> - Passenger ships - Cargo/RoRo passenger ships	Passenger and cargo passenger ships, <i>of which</i> Passenger ships Cargo/RoRo passenger ships	Passenger ships " "

(a) Included in General Cargo Ships.

(b) Including ships (berthed and unberthed) for passenger transport and passenger carrying vessels like general cargo passenger ships, ro-ro passenger ships (ferries).

► For further explanation (e.g. Trade and Traffic Statistics) please visit: [www.isl.org/infoline](http://www.isl.org/infoline)

## ISL Statistical publications - price list 2024

Product Feature	Net price	Prices including VAT in case of standard shipping free of charge		
		Germany and EU without VAT number	other Europe/World: standard-mail	airmail
<b>ISL Shipping Statistics Yearbook 2023 - pre-publication prices valid until 29 February 2024</b>				
print (pre-publication price)	430 €	524.30 €	490 €	528 €
SSYB online (single user)	400 €	428.00 €	400 €	n/a
SSYB online (institutional licence)	480 €	513.60 €	480 €	n/a
print + download (single user) - pre-publication price	490 €	567.10 €	530 €	568 €
print + online (institut.) - pre-publication price	660 €	781.10 €	730 €	768 €
<b>ISL Shipping Statistics and Market Review (SSMR) Vol. 68 (2024)</b>				
print	750 €	802.50 €	750 €	815 €
online (single user)	600 €	642.00 €	600 €	n/a
online (institutional licence)	730 €	781.10 €	730 €	n/a
print + online (institutional licence)	1,110 €	1,187.70 €	1,110 €	1,180 €
<b>ISL Shipping Statistics and Market Review (SSMR) Vol. 68 (2024) &amp; ISL Shipping Statistics Yearbook 2023 (SSYB)</b>				
<b>PLEASE NOTE: NO AGENT DISCOUNT ON "PACKAGE"</b>				
print	1,050 €	1,123.50 €	1,050 €	1,141 €
online (single user)	860 €	920.20 €	860 €	n/a
online (institutional licence)	1,040 €	1,112.80 €	1,040 €	n/a
print + online (institutional licence)	1,570 €	1,679.90 €	1,570 €	1,661 €
<b>ISL Shipping Statistics and Market Review (SSMR) Vol. 68 (2024) - online single issue -</b>				
No. 1 - World Merchant Fleet	140 €	149.80 €	140 €	n/a
No. 2 - World Tanker Market	110 €	117.70 €	110 €	n/a
No. 3 - World Bulk Carrier Market	110 €	117.70 €	110 €	n/a
No. 4 - World ContainerShipping	180 €	192.60 €	180 €	n/a
No. 5 - World General Cargo and Ro-Ro Shipping	110 €	117.70 €	110 €	n/a
No. 6 - World Passenger and Cruise Shipping	140 €	149.80 €	140 €	n/a
No. 7 - World Shipbuilding and Shipbuilders	110 €	117.70 €	110 €	n/a
No. 8 - Major Shipping Nations and Ownership Patterns	110 €	117.70 €	110 €	n/a
No. 9 - World Seaborne Trade and World Ports	180 €	192.60 €	180 €	n/a

# ISL - Institute of Shipping Economics and Logistics

The ISL - Institute of Shipping Economics and Logistics was founded in Bremen in 1954. By combining tradition and modern science, ISL has positioned itself as one of Europe's leading institutions for research, consulting and know-how transfer in maritime logistics.

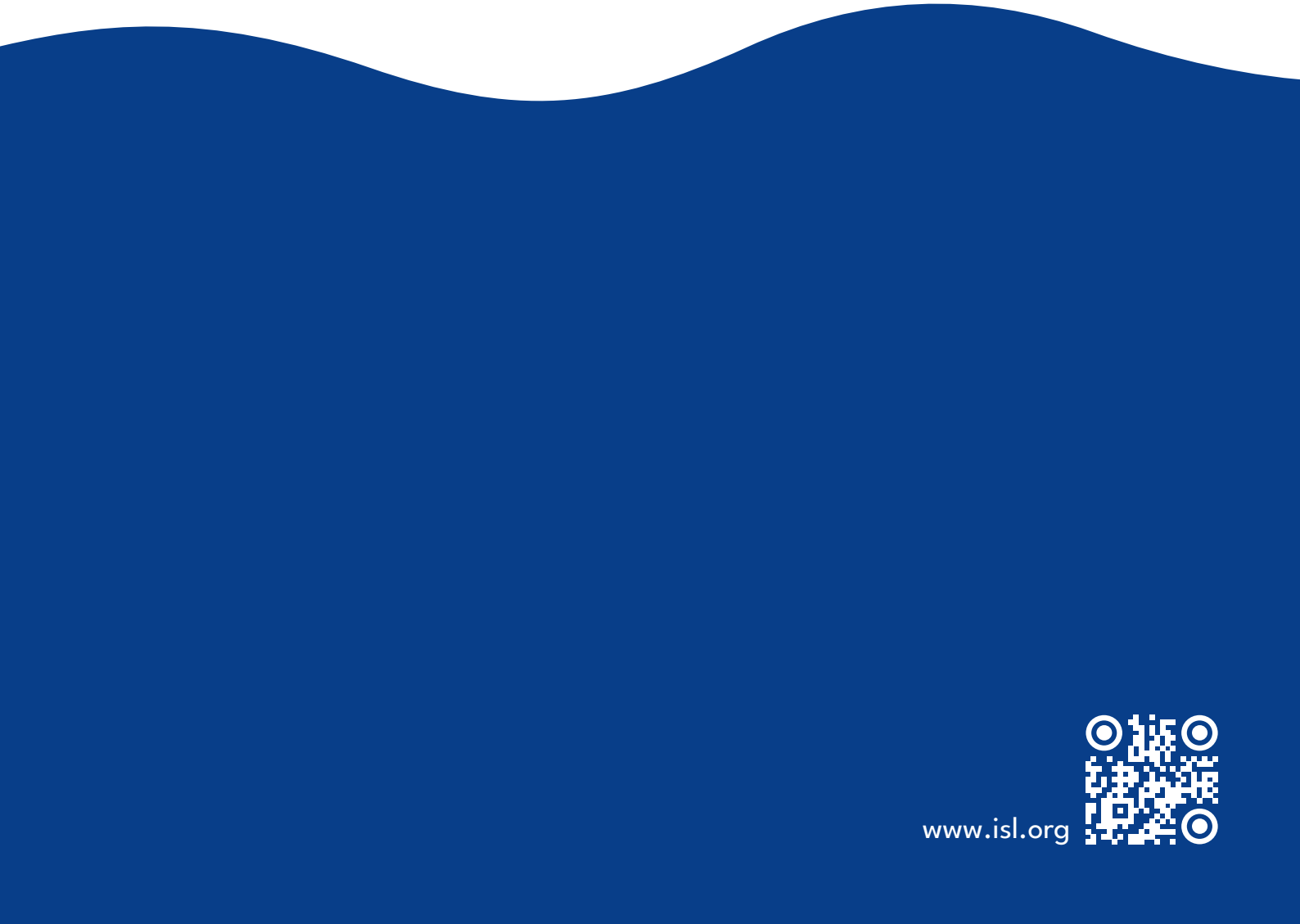
On behalf of our project partners from the public and private sector, both on national and international level, we ensure that innovative ideas become solutions with practical applicability. At our offices in Bremen and Bremerhaven, we handle projects from all over the world in interdisciplinary teams.

[www.isl.org](http://www.isl.org) • [info@isl.org](mailto:info@isl.org)

## ISL Webshop

The ISL Webshop is your resource of up-to-date market information and completes ISL's service spectrum with numerous proprietary publications, which are available in the online portal. The key publications are the ISL Shipping Statistics and Market Review (SSMR), the ISL Shipping Statistics Yearbook (SSYB) and the ISL Monthly Container Port Monitor (MCPM).

<https://shop.isl.org> • [info@isl.org](mailto:info@isl.org)



[www.isl.org](http://www.isl.org)

