

Liner shipping connectivity index (Average Q1 2023 = 100)

ad4550a3-f4b3-4071-8b9a-0a98bd5d44f3

Report generated on: September 11, 2026

Project type: timeseries

:

Metadata information

Information on metadata

Document title

Metadata for Liner shipping connectivity index (Average Q1 2023 = 100)

Document ID

META_UNCTAD_LSC_INDEX

Metadata producers

Name	Abbreviation	Affiliation
Development Economics Data Group	DECDG	World Bank

Production date

2024-06-25

Version

1.1

Version notes

Updated title formatting for consistency.

Version date

2025-03-17

Indicator description

Title statement

Indicator code

UNCTAD_LSC_INDEX

Indicator name

Liner shipping connectivity index (Average Q1 2023 = 100)

Alternate identifiers

Type	Identifier	URL
UNCTAD.LSC.INDEX	prosperitydata360 Indicator ID	https://prosperitydata360.worldbank.org
US.LSCI	UNCTAD Statistics ID	https://unctadstat.unctad.org/datacentre/dataviewer/US.LSCI

Database ID

UNCTAD_LSC

Database name

Liner Shipping Connectivity Index

Language

Name	Code
English	EN

Version date

2025-09-10

Description

Definition

The liner shipping connectivity index (LSCI) indicates a country's integration level into global liner shipping networks. The LSCI is an index set at 100 for the maximum value of country connectivity in the first quarter (Q1) of 2006, which was China.

Measurement unit

Score 0-10000

Dimensions

Label	Description
Year	
Geographic area	Country/economy, Region

Periodicity

Quarterly

Release calendar

Quarterly

Topics

ID	Label	Parent ID	Vocabulary
P4	Infrastructure		WB Practice Groups
P4_000003	Transport	P4	Data360 Topic L1
P4_000027	Maritime Transport and Logistics	P4_000003	Data360 Topic L2

Links

Type	Description	URL
website	DDH	https://datacatalog.worldbank.org/int/search/dataset/0065325/UNCTAD-STAT-Liner-shipping-connectivity-index

Concepts and methods

Methodology

The LSCI is generated from the following six components:

- (1) The number of scheduled ship calls per week in the country;
- (2) Deployed annual capacity in Twenty-Foot-equivalent Units (TEU): total deployed capacity offered at the

country;

(3) The number of regular liner shipping services from and to the country;

(4) The number of liner shipping companies that provide services from and to the country;

(5) The size in TEU (Twenty-Foot-equivalent Units) of the largest ship deployed on services from and to the country; and

(6) The number of other countries that are connected to the country through direct liner shipping services (Note: a direct service is defined as a regular service between two countries; it may include other stops in between, but the transport of a container does not require transshipment).

The index is generated as follows:

For each component, we divide the country's value by the average value for the component in Q1 2023 and then calculate the average of the six components for the country. The average across components for a given country and quarter is then multiplied by 100. The result is an average LSCI of 100 in Q1 2023. All other indices are in relation to this value. This scaling was applied in March 2024 for the whole series (from Q1 2006).

Methodology references

Source	URL
UNCTAD statistical portal	https://unctadstat.unctad.org/datacentre/dataviewer/metadata/dimension/US.LSCI/indicator

Geographic and time coverage

Time coverage

Start	End
2006-Q1	2024-Q1

Economies

Name	Code
Albania	ALB
Algeria	DZA
American Samoa	ASM
Angola	AGO
Antigua and Barbuda	ATG
Argentina	ARG
Aruba	ABW
Australia	AUS
Bahamas, The	BHS
Bahrain	BHR
Bangladesh	BGD
Barbados	BRB
Belgium	BEL
Belize	BLZ
Benin	BEN
Bermuda	BMU

Brazil	BRA
British Virgin Islands	VGB
Brunei Darussalam	BRN
Bulgaria	BGR
Cabo Verde	CPV
Cambodia	KHM
Cameroon	CMR
Canada	CAN
Cayman Islands	CYM
Chile	CHL
China	CHN
Hong Kong SAR, China	HKG
Taiwan, China	TWN
Colombia	COL
Comoros	COM
Congo, Rep.	COG
Congo, Dem. Rep.	COD
Costa Rica	CRI
Côte d'Ivoire	CIV
Croatia	HRV
Cuba	CUB
Curaçao	CUW
Cyprus	CYP
Denmark	DNK
Djibouti	DJI
Dominica	DMA
Dominican Republic	DOM
Ecuador	ECU
Egypt, Arab Rep.	EGY
El Salvador	SLV
Equatorial Guinea	GNQ
Eritrea	ERI
Estonia	EST
Faroe Islands	FRO
Fiji	FJI
Finland	FIN
France	FRA
French Polynesia	PYF
Gabon	GAB
Gambia, The	GMB
Georgia	GEO
Germany	DEU

Ghana	GHA
Gibraltar	GIB
Greece	GRC
Greenland	GRL
Grenada	GRD
Guam	GUM
Guatemala	GTM
Guinea	GIN
Guinea-Bissau	GNB
Guyana	GUY
Haiti	HTI
Honduras	HND
Iceland	ISL
India	IND
Indonesia	IDN
Iran, Islamic Rep.	IRN
Iraq	IRQ
Ireland	IRL
Israel	ISR
Italy	ITA
Jamaica	JAM
Japan	JPN
Jordan	JOR
Kenya	KEN
Kiribati	KIR
Korea, Dem. People's Rep.	PRK
Korea, Rep.	KOR
Kuwait	KWT
Latvia	LVA
Lebanon	LBN
Liberia	LBR
Libya	LBY
Lithuania	LTU
Madagascar	MDG
Malaysia	MYS
Maldives	MDV
Malta	MLT
Marshall Islands	MHL
Mauritania	MRT
Mauritius	MUS
Mexico	MEX
Micronesia, Fed. Sts.	FSM

Moldova	MDA
Montenegro	MNE
Morocco	MAR
Mozambique	MOZ
Myanmar	MMR
Namibia	NAM
Nauru	NRU
Netherlands	NLD
New Caledonia	NCL
New Zealand	NZL
Nicaragua	NIC
Nigeria	NGA
Northern Mariana Islands	MNP
Norway	NOR
Oman	OMN
Pakistan	PAK
Palau	PLW
Panama	PAN
Papua New Guinea	PNG
Paraguay	PRY
Peru	PER
Philippines	PHL
Poland	POL
Portugal	PRT
Qatar	QAT
Romania	ROU
Russian Federation	RUS
St. Kitts and Nevis	KNA
St. Lucia	LCA
St. Vincent and the Grenadines	VCT
Samoa	WSM
SÃ£o TomÃ© and PrÃncipe	STP
Saudi Arabia	SAU
Senegal	SEN
Seychelles	SYC
Sierra Leone	SLE
Singapore	SGP
Sint Maarten (Dutch part)	SXM
Slovenia	SVN
Solomon Islands	SLB
Federal Republic of Somalia	SOM
South Africa	ZAF

Spain	ESP
Sri Lanka	LKA
Sudan	SDN
Suriname	SUR
Sweden	SWE
Syrian Arab Republic	SYR
Tanzania	TZA
Thailand	THA
Timor-Leste	TLS
Togo	TGO
Tonga	TON
Trinidad and Tobago	TTO
Tunisia	TUN
Türkiye	TUR
Turks and Caicos Islands	TCA
Tuvalu	TUV
Ukraine	UKR
United Arab Emirates	ARE
United Kingdom	GBR
United States	USA
Uruguay	URY
Vanuatu	VUT
Venezuela, RB	VEN
Vietnam	VNM
Yemen, Rep.	YEM

Access and use

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Confidentiality status

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Sources and citation

Authoring entity

Name	Abbreviation	URL
United Nations Conference on Trade and Development	UNCTAD	https://unctad.org/

Sources of data

Sources of data

Title

UNCTAD Liner Shipping Connectivity Index

Author (Organization)

UN Conference on Trade and Development (UNCTAD)

Electronic location or identifier

<https://unctadstat.unctad.org/wds/TableView/tableView.aspx?ReportId=92>

Tags

Tags

Tag	Tag group
UNCTAD_LSC	feature-dataset-profile
P4	feature-country-profile-pillar
Bar Chart	feature-topic-profile-chart
Bar Chart	feature-dataset-profile-chart
P4	feature-theme-profile
Line Chart	feature-theme-profile-chart
P4_000003	feature-topic-profile
Line Chart	feature-topic-profile-chart

Additional Fields

Visualization

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Chart type
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