



# EMODnet



European Marine  
Observation and  
Data Network

## EMODnet product catalogue

### EMODnet Human Activities, Main Ports, Goods-Passengers-Vessels Traffic

The dataset on maritime transport of goods, passengers and vessels in the European main ports was created in 2014 by Eurofish and Cogea for the European Marine Observation and Data Network (EMODnet). It is available for viewing and download on EMODnet web portal (Human Activities, <https://emodnet.ec.europa.eu/en/human-activities>). The dataset is the result of the harmonization and aggregation on annual basis of the quarterly Eurostat Maritime transport data, provided by port in the EU Member States, Montenegro, Norway, Turkey and the UK. Eurostat data have been related to the 'Ports 2013' EUROSTAT GISCO's points georeferenced dataset, when available, or to the ports locations coming from other sources, such as UN /LOCODE, Lloyd's List, Marine Traffic, VESSEL TRACKER and ports' authorities. Goods traffic data are reported in thousands of tonnes by year, type of cargo and direction. Passengers traffic data are reported in thousands passengers (excluding cruise passengers) by direction and traffic type. Vessels traffic data are reported in unit and gross tonnage (thousands) of vessels by vessel size class and vessel type. Where available, the latest update includes data from the 1997 up to the 2024.

### Simple

<b>Date (Publication)</b>	2014-05-03		
<b>Date (Revision)</b>	2024-11-12		
<b>Date (Creation)</b>	2014-05-01		
<b>Citation Identifier</b>	EMODnet_HA_MainPorts_Traffic_20241112		
<b>Point of contact</b>	<b>Organisation name</b>	<b>Individual name</b>	<b>Electronic mail address</b> <b>Role</b>
	Eurofish International Organisation		info@eurofish.dk Author
	Cogea Srl		luigi.falco@bip-group.com Author
	EUROSTAT		info@eurostat.eu Originator info@ec.europa.eu
<b>GEMET - INSPIRE themes, version 1.0</b>	• Transport networks		
<b>Spatial representation type</b>	Vector		
<b>Denominator</b>	1000000		
<b>Language</b>	English		
<b>Topic category</b>	• Transportation		

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Begin date	1997-01-01		
End date	2024-12-31		
Access constraints	Other restrictions		
Other constraints	<a href="#">No limitations on public access</a>		
gmd:useconstraints	otherRestrictions		
Other constraints	Creative Commons CC-BY 4.0 <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>		
gmd:useconstraints	otherRestrictions		
Other constraints	This data was downloaded from the EMODnet Portal ( <a href="https://emodnet.ec.europa.eu/en/">https://emodnet.ec.europa.eu/en/</a> ). The data originator are Eurofish International Organisation and Cogea Srl.		
Reference system identifier	EPSG:4326		
Reference system identifier	ISO 19108 calendar		
Transfer size	0		
OnLine resource	Protocol	Linkage	Name
	WWW:LINK	<a href="https://emodnet.ec.europa.eu/en/human-activities">https://emodnet.ec.europa.eu/en/human-activities</a>	EMODnet Human Activities
	OGC:WMS	<a href="https://ows.emodnet-humanactivities.eu/wms?">https://ows.emodnet-humanactivities.eu/wms?</a>	portlocations
	OGC:WMS	<a href="https://ows.emodnet-humanactivities.eu/wms?">https://ows.emodnet-humanactivities.eu/wms?</a>	portgoods
	OGC:WMS	<a href="https://ows.emodnet-humanactivities.eu/wms?">https://ows.emodnet-humanactivities.eu/wms?</a>	portpassengers
	OGC:WMS	<a href="https://ows.emodnet-humanactivities.eu/wms?">https://ows.emodnet-humanactivities.eu/wms?</a>	portvessels
	OGC:WFS	<a href="https://ows.emodnet-humanactivities.eu/wfs?">https://ows.emodnet-humanactivities.eu/wfs?</a>	emodnet:portlocations
	OGC:WFS	<a href="https://ows.emodnet-humanactivities.eu/wfs?">https://ows.emodnet-humanactivities.eu/wfs?</a>	emodnet:portgoods
	OGC:WFS	<a href="https://ows.emodnet-humanactivities.eu/wfs?">https://ows.emodnet-humanactivities.eu/wfs?</a>	emodnet:portpassengers
	OGC:WFS	<a href="https://ows.emodnet-humanactivities.eu/wfs?">https://ows.emodnet-humanactivities.eu/wfs?</a>	emodnet:portvessels
	OGC:WFS	<a href="https://ows.emodnet-humanactivities.eu/wfs?">https://ows.emodnet-humanactivities.eu/wfs?</a>	emodnet:portvesselsbytonnage
	OGC:WFS	<a href="https://ows.emodnet-humanactivities.eu/wfs?">https://ows.emodnet-humanactivities.eu/wfs?</a>	emodnet:portvesselsbytype
	OGC:WMS	<a href="https://ows.emodnet-humanactivities.eu/wms?">https://ows.emodnet-humanactivities.eu/wms?</a>	portvesselsbytonnage
	OGC:WMS	<a href="https://ows.emodnet-humanactivities.eu/wms?">https://ows.emodnet-humanactivities.eu/wms?</a>	portvesselsbytype
	WWW:DOWNLOAD	<a href="https://ows.emodnet-humanactivities.eu/geonetwork/srv/api/records/379d0425-8924-4a41-a088-1a002d2ea748/attachments/EMODnet_HA_MainPorts_Traffic_20241112.zip">https://ows.emodnet-humanactivities.eu/geonetwork/srv/api/records/379d0425-8924-4a41-a088-1a002d2ea748/attachments/EMODnet_HA_MainPorts_Traffic_20241112.zip</a>	EMODnet_HA_MainPorts_Traffic_20241112.zip
Distribution format	Name	Version	

	<a href="#">Esri geodatabase</a> <a href="#">Esri shapefile</a>	gco:nilReason="unknown"> gco:nilReason="unknown">
Hierarchy level	Dataset	

## Conformance result

Title	COMMISSION REGULATION (EC) No 1205/2008 of 3 December 2008 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards metadata	
Date (Publication)	2008-12-04	
Explanation	See the referenced specification	
Pass	Yes	

## Conformance result

Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services	
Date (Publication)	2010-12-08	
Explanation	See the referenced specification	

## Conformance result

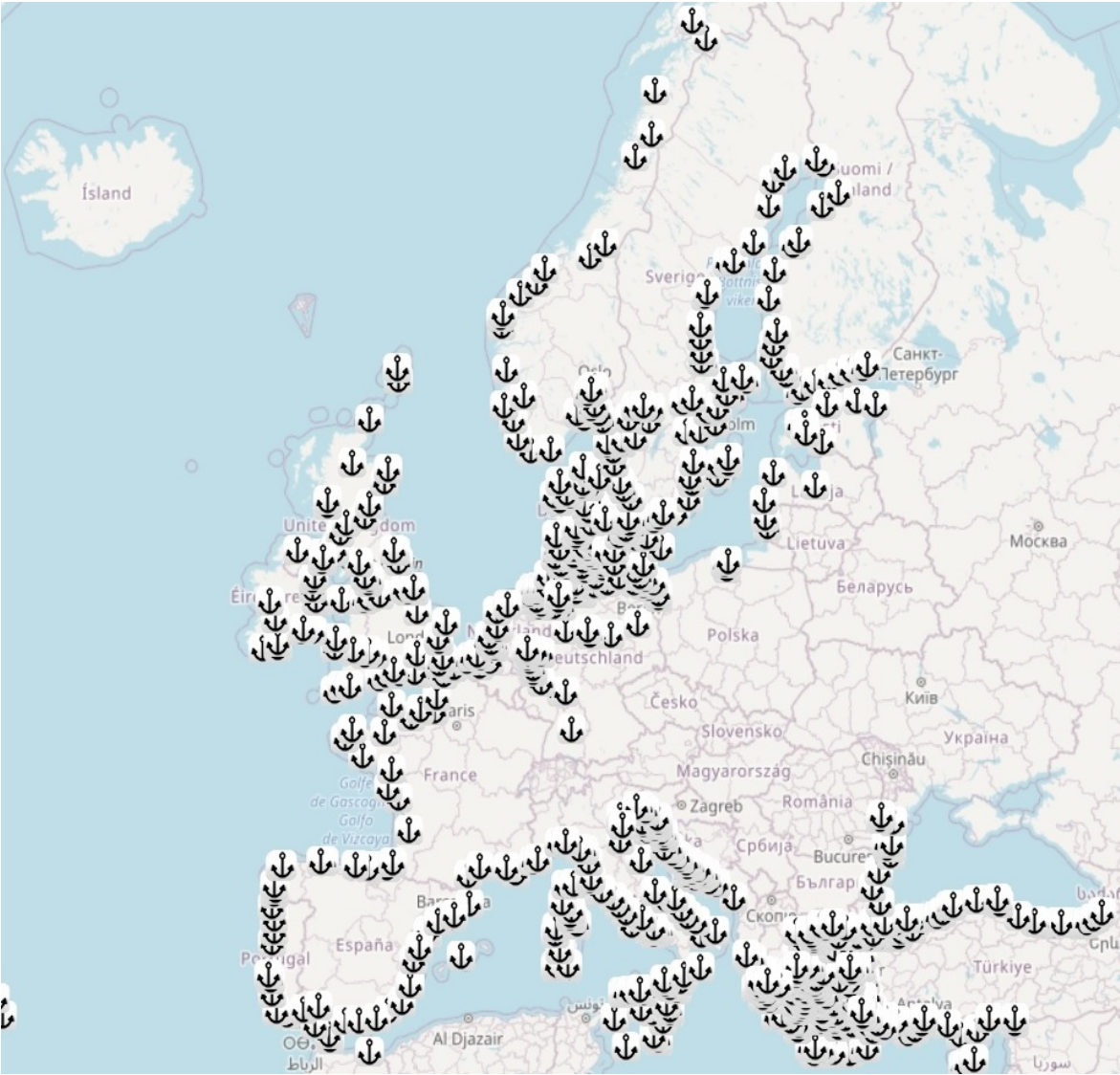
Title	Corrigendum to INSPIRE Metadata Regulation published in the Official Journal of the European Union, L 328, page 83	
Date (Publication)	2009-12-15	
Explanation	See the referenced specification	

Statement	<p>Validation and quality assurance remain up to primary data sources, e.g. EUROSTAT quarterly data on passengers(mar_pa_qm), vessels (mar_tf_qm), and goods (mar_go_qm per country), while the harmonization is carried out by Eurofish and Cogea. For further information on validation and quality assurance, it is suggested that primary data sources are contacted. Generally speaking data are to be considered very reliable, because they come from national sources officially in charge for their collection. The harmonisation process consisted of identifying a set of attributes common to all the different datasets, thus creating a single data model. The quarterly data on main ports traffic have been harmonized, aggregated on annual basis and related to the GISCO Ports dataset, using a one-to-many relationship class. The ports not listed in the GISCO dataset have been georeferencend using other sources, such as UN /LOCODE, Marine Traffic, Vessel Tracker, Lloyd's register and ports' authorities.</p>	
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## Metadata

File identifier	379d0425-8924-4a41-a088-1a002d2ea748 <a href="#">XML</a>		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2025-09-03T09:20:23.326194Z		
Metadata standard name	ISO19115		
Metadata standard version	2003/Cor.1:2006		
Metadata author	<b>Organisation name</b>	<b>Individual name</b>	<b>Electronic mail address</b> <b>Role</b>

Overviews



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