



# 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. Vessel 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

Date (Publication)	2014-05-03		
Date (Revision)	2024-11-12		
Date (Creation)	2014-05-01		
Citation identifier	EMODnet_HA_MainPorts_Traffic_20241112		
Point of contact	<b>Organisation name</b>  Eurofish International Organisation  Cogea Srl  EUROSTAT	<b>Individual name</b>  Luigi. Falco	<b>Electronic mail address</b> info@eurofish.eu <b>Role</b> Author dk  <b>Electronic mail address</b> luigi.falco@bip-group.com <b>Role</b> Author  <b>Electronic mail address</b> info@eurostat.eu <b>Role</b> Originator  <b>Electronic mail address</b> info@ec.europa.eu <b>Role</b>
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"><li>Transport networks</li></ul>		
Spatial representation type	Vector		
Denominator	1000000		
Language	English		
Topic category	<ul style="list-style-type: none"><li>Transportation</li></ul>		

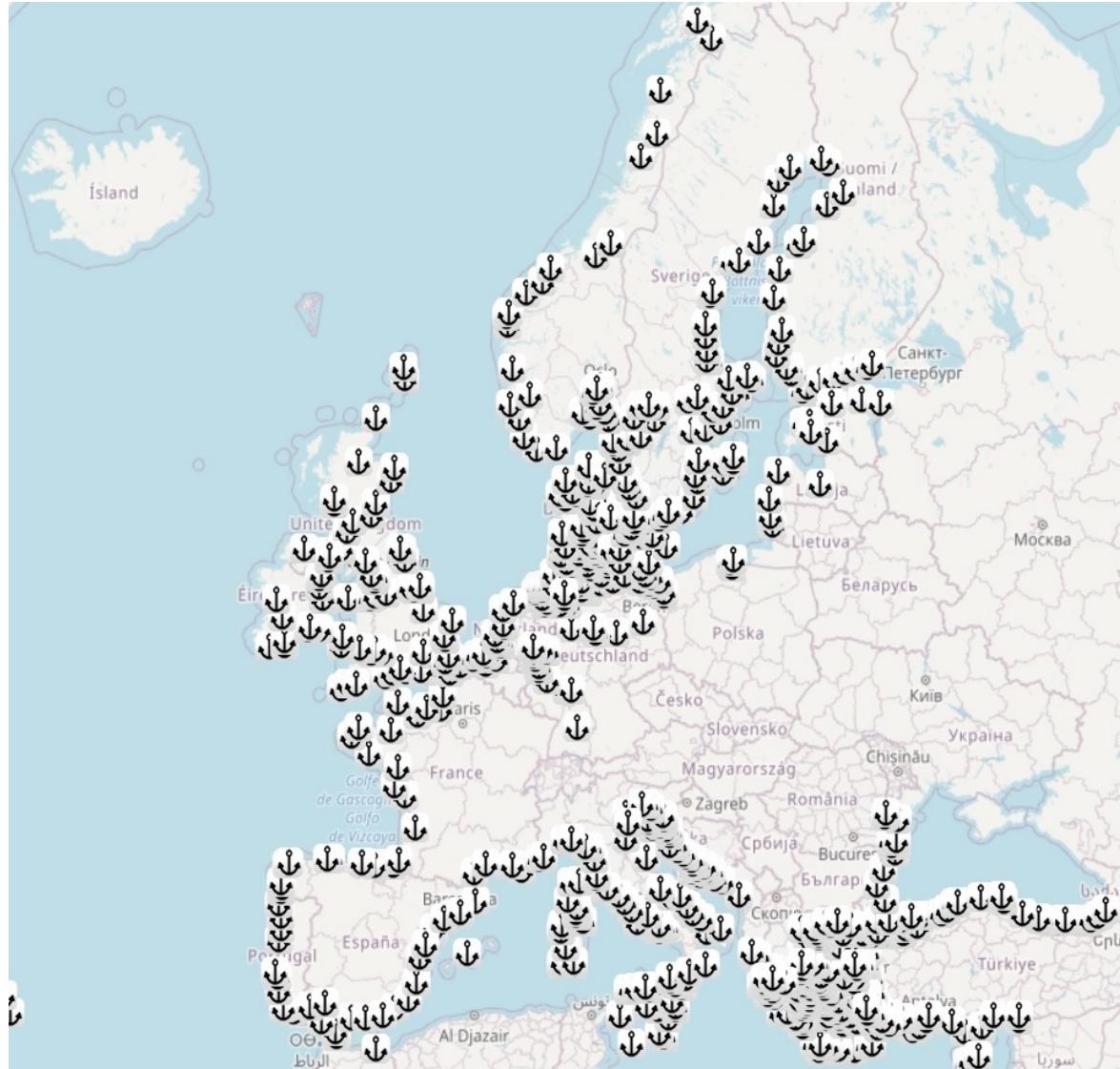
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<b>Begin date</b>	1997-01-01		
<b>End date</b>	2024-12-31		
<b>Access constraints</b>	Other restrictions		
<b>Other constraints</b>	<a href="#">No limitations on public access</a>		
<b>gmd:useconstraints</b>	otherRestrictions		
<b>Other constraints</b>	Creative Commons CC-BY 4.0 <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>		
<b>gmd:useconstraints</b>	otherRestrictions		
<b>Other constraints</b>	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.		
<b>Reference system identifier</b>	EPSG:4326		
<b>Reference system identifier</b>	ISO 19108 calendar		
<b>Transfer size</b>	0		
<b>OnLine resource</b>	<b>Protocol</b>	<b>Linkage</b>	<b>Name</b>
	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
<b>Distribution format</b>	<b>Name</b>	<b>Version</b>	

	<a href="#">Esri geodatabase</a> <a href="#">Esri shapefile</a>	gco:nilReason="unknown"> gco:nilReason="unknown">		
Hierarchy level	Dataset			
<b>Conformance result</b>				
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			
<b>Conformance result</b>				
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			
<b>Conformance result</b>				
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	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 georeferenced using other sources, such as UN /LOCODE, Marine Traffic, Vessel Tracker, Lloyd's register and ports' authorities.			
<b>Metadata</b>				
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	Organisation name	Individual name	Electronic mail address	Role

## Overviews



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