Zooplankton mean size and total stock MSTS

This core indicator evaluates zooplankton community structure to determine whether it reflects good environmental status. Quantitative thresholds are used to evaluate if core indicators status is Good, Not good or Not assessed. As a rule, good status is achieved when large sized zooplankters occur abundantly in the plankton community. Due to strong environmental gradients, size distribution and total stock of the zooplankton corresponding to good status vary between the Baltic Sea sub-basins.

This dataset displays the result of the indicator in HELCOM Assessment Scale 2 (Division of the Baltic Sea into 17 sub-basins).

“SB_Code” = Code of the Helcom subbasin

"Name" = Name of the Helcom scale 2 assessment unit

"AREAKM2" = Area of the Helcom scale 2 assessment unit

HELCOM_ID = Helcom id of the Helcom scale 2 assessment unit

Threshold_v = Threshold value for this indicator

"Ind_value" = Value for the indicator in Helcom scale 2 assessment unit

Status = Status of the indicator (“Good”, “Not good” or “Not assessed”)

info = additional info

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/45132641-bd5d-41af-b172-6c1ea99a1f7a
pointOfContact *HELCOM Secretariat*	
GEMET - INSPIRE themes, version 1.0	• Oceanographic geographical features
GEMET	• plankton
Keywords	• MADS • HOLAS2 • Core indicator
Use constraints	Other restrictions
Other constraints	Use constraints: The data and resulting data products (tables, figures and maps) available on the indicator web pages can be used freely given that the source is cited. The indicator should be cited as following: HELCOM (2017) Zooplankton mean size and total stock. HELCOM core indicator report. Online. [Date Viewed], [Web link].
Access constraints	Other restrictions
Other constraints	Access constraints: No limitations on public access.
Spatial representation type	Vector
Metadata language	English
Topic category	• Environment

65.91	N	53.61	S	30.25	E	8.19	W



Begin date	2011-01-01
End date	2015-12-31
Unique resource identifier	EPSG:3035
Distribution format	• ESRI Shapefile (1.0)
OnLine resource	Download dataset (WWW:LINK-1.0-http--link)
OnLine resource	Open in Map Viewer (WWW:LINK-1.0-http--link)
Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08

Statement	The data are provided by national monitoring programmes with HELCOM COMBINE parameters and methods. The indicator is based on routine data obtained within current monitoring schemes in the Baltic Sea, and is applicable in all areas where the programme is implemented. All HELCOM Contracting Parties carry out relevant monitoring. The indicator uses mean zooplankton size and total stock (MSTS) for evaluating whether good environmental status is achieved or not. The indicator uses the parameter mean zooplankter size (mean size) which is presented as a ratio between the total zooplankton abundance (TZA) and total biomass (TZB). This metrics is complemented with an absolute measure of total zooplankton stock, TZA or TZB, to provide MSTS. Thus, MSTS is a two-dimensional, or a multimetric, indicator representing a synthetic descriptor of zooplankton community structure. The overall confidence of the evaluation is moderate to high and varies between assessment units. Additional information: http://helcom.fi/baltic-sea-trends/indicators/zooplankton-mean-size-and-total-stock/ Link to metadata of dataset used for indicator calculation: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/b7887043-50de-440f-936d-e0fb108e65eb
File identifier	45132641-bd5d-41af-b172-6c1ea99a1f7a XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T11:58:35

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Overviews

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