

# Status of data reporting to HELCOM Seal database

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# Background

- For all HELCOM indicators, the results per assessment unit as well as underlying data used for assessment should be made publicly available (HELCOM Monitoring and Assessment Strategy)
- BalticBOOST project WP1.2 (2015-2016, co-funded by the European Union)
  - tasked to develop data hosting solutions for HELCOM coastal fish, bird and seal indicators
  - The project developed a data model aiming for synergies with OSPAR seal database
- Seal database was developed and is currently hosted by HELCOM Secretariat and stores information that Contracting Parties have reported in response to data calls issued by HELCOM Secretariat
- Spatial data products are extracted and made available in HELCOM Map and Data service (State of the Baltic Sea report)

# Current status

- Abundance/distribution:

No regular reporting practice → Data call was carried out by the Secretariat in second half of 2017 in order to obtain data from national data hosts to the HELCOM seal database.

<b>Species</b>	<b>DE</b>	<b>DK</b>	<b>EE</b>	<b>FI</b>	<b>LT</b>	<b>LV</b>	<b>PL</b>	<b>RU</b>	<b>SE</b>
<b>Grey Seal</b>	2006-2016	1979-2016	2008-2016	NA	NA	NA	2015-2016	NA	NA
<b>Harbour Seal</b>	2006-2016	1979-2016					NA	NA	2015-2016
<b>Ringed Seal</b>			2005-2016*	NA		NA		NA	NA

NA = Data not reported

\*Data gridded to 5x5 km grid

# Spatial data products made available for State of the Baltic Sea report

- Available via HELCOM Map and Data service
- Grey seal abundance/distribution indicator dataset:
  - <http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/34e26656-5da6-4bb8-80eb-134d077b26df>
- Harbour seal abundance/distribution indicator dataset:
  - <http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/c87c0884-951d-48d2-8938-5a90bb078a54>
- Reproductive status of seals dataset:
  - <http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/106828cf-70af-4e52-b8d2-bc413c387852>
- Nutritional status of seals dataset:
  - <http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/9f4f55d8-0e23-46cc-83f7-7b59ef48633a>