

Name of measuring program:

Beam Trawl Survey (BTS) – südliche Nordsee (Dänemark, Holland, Deutschland)

ID of measuring program:

ANSDE\_MP\_103

Marine waters (seas):

ANS

indicators (2014):

- 3.1.1 Abundanz/ Biomasse ausgewählter Arten
- 3.1.2 Verbreitungsgebiete und -muster ausgewählter Arten
- 8.1.1 Laicherbiomasse (SSB)
- 8.1.2 Biomasse-Indizes/Fang pro Aufwandseinheit (CPUE – Catch Per Unit Effort) (Surveys)
- 8.2.1 Anteil von Fischen oberhalb der Durchschnittsgröße bei Eintritt der Geschlechtsreife (% mat – percent mature)
- 8.2.2 95% Perzentil der bei Fischereiforschungsfahrten (Surveys) beobachteten Längenverteilung (L95)
- 8.2.3 Durchschnittslänge der größten N Individuen pro Jahr, wobei N 5% der gemittelten gefangenen Gesamtstückzahl pro Jahr entspricht (Lmax5%)

Monitoring programmes (north sea):

- Mobile species (fishes) - abundance and/or biomass
- Mobile species (fishes) - population characteristics

Monitoring programmes (baltic sea):

Temporal scope start:

1991-01-01

Temporal scope end:

Description monitoring period:

Spatial scope:

- EEZ (or similar, e.g. Contiguous Zone, Fishing Zone, Ecological Protection Zone)
- Beyond MS Marine Waters
- Territorial waters
- Coastal waters (WFD)

Description spatial scope:

Das BTS wird durch eine Arbeitsgruppe des ICES (WGBEAM) international koordiniert und findet u.a. in der Nordsee statt.

Purpose:

- Environmental state and impacts

Description of purpose:

Specifications:

- Fish (8)
- Kommerziell genutzte Fisch- und Schalentierbestände (48)

Responsible institution:

- TI

Involved institution:

Elements monitored:

alle gefangenen Fischarten

Link to parameters:

- MP-9b-1-1-1 - Species distributional range/pattern
- MP-9b-1-3-1 - Size of individuals (length or weight)
- MP-9b-1-3-2 - Sex
- MP-9b-1-3-3 - Age at maturity
- MP-9b-1-3-5 - Life history stage (e.g. egg, juvenile, adult)
- MP-9b-1-3-6 - Reproduction rate
- MP-9b-1-2-1 - Population size (abundance)
- MP-9b-1-2-2 - Population size (biomass)
- MP-9b-1-8-1 - Species present (whole community or selected species only)
- MP-9b-1-8-2 - Species abundance (numbers or cover)
- MP-9b-1-8-3 - Species abundance (biomass)
- MP-9b-1-7-1 - Temperature
- MP-9b-1-7-2 - Salinity
- MP-9b-1-7-6 - Concentration of oxygen
- MP-9b-1-7-7 - Transparency / turbidity of water column
- MP-9b-1-7-11 - Bathymetric depth

Parameters measured:

table of method url:

ICES Datras

[https://datras.ices.dk/Documents/Manuals/WGBEA\\_M\\_Manual.pdf](https://datras.ices.dk/Documents/Manuals/WGBEA_M_Manual.pdf)

Description sampling method:

Quality Assurance:

- ICES Data Centre Data Type Guides
- National standard (specify)

description quality assurance:

TI-interne Qualitätskontrolle, welche den Standards anderer Fischereisurveys entspricht, z.B. IBTS.

Quality Control:

Real-time plus delayed mode validation on the data

description quality control:

Spatial resolution (density) of sampling:

60

Description Spatial resolution (density) of sampling:

Beprobung der südlichen Nordsee, mindestens zwei Hols pro ICES Rectangle. Es fehlen die Gebiete der nördlichen Nordsee.

number of samples per year:

0

addendum number of samples per year:

Ca. 640 Hols pro Jahr insgesamt, ca. 60 Hols pro Jahr durch Deutschland

frequency:

Yearly

Description frequency or rather cycle or count per year:

periodicity of sampling:

Yearly

Description monitoring programm details:

data aggregation scale:

- Subregion

description data aggregation scale:

Access to data - Data type:

- Processed data sets
- has to be resolved with AG Daten / DIKE !!

Access to data - mechanism:

Providing URL to download data

Access to data - Rights:

Open access

Access to data - INSPIRE standard:

- Environmental monitoring facilities

Access to data - Date of reporting:

Access to data - Data updated frequency:

Yearly

Description data frequency:

Link to parameters:

[ICES DATRAS](#)

Access to data - Description:

change: