

FACTSHEET: Auction sampling eel (ELE-FRS-MIS)

Version: [v1, 30/03/2023]

| |
|--|
| Sampling protocol: Market sampling eel fisheries |
| Sampling objective(s): biological data and length frequency distribution landings |
| Start of sampling: 2009 (and many years before in IJsselmeer area, but different protocol) |
| Sampling ongoing: yes |
| Data use 3-yearly EU eel evaluation (part of eel regulation), ICES WGEEL |
| Sampling design and method Annual length measurements of eels from the IJsselmeer area (IJsselmeer/Markermeer), and areas outside the IJsselmeer area. Every year 18-20 fishermen are visited twice a year (two fishermen three times a year). The first visit in May-June and the second in July-August. When available, 150 eels are measured in length to the cm below, making a distinction between yellow and silver eel. |
| Sampling protocol and data capture In addition, eels are taken to the lab for further biological research. <ul style="list-style-type: none"> • Four eels per ten cm group up to 49 cm • Two eels per ten cm group from 50 cm • Length measures in length (mm below), weight (g), sex and maturity stage (yellow/silver eel) • eye diameter in mm (vertical and horizontal) • fin length in mm • swim bladder is examined for presence or absence of the swim bladder parasite <i>Anguillicola crassa</i> • Otolith collection. • 100 otoliths are sent to Swedish University of Agricultural Sciences (SLU) for age reading |
| Data quality <i>Quality assurance procedure</i> Quality checks are conducted upon processing at the institute, and before entry into the national database FRISBE. Standardised SAS scripts are used for the data quality checks (available upon request). |
| Data storage National database: Billie files are submitted to the national database FRISBE. The relevant aspects of this database are described in Proc databases . International database: - |
| Data availability Institutional availability: data is made available as soon as possible after the survey. Public availability: - |
| Reference to full documentation: van Keeken, O. A., Groot, P., Bakker, A., Hoek, R., van Hoppe, M., Huijjer, T., Koelemij, E., van der Hammen, T., & van de Wolfshaar, K. (2018). <i>Overzicht aal marktmonitoring 2011-2017</i> . (Wageningen Marine Research rapport; No. C079/18). Wageningen Marine Research. https://doi.org/10.18174/463717 Internal document: CVO_h_008: Keeken, O.A. van, K. Kwakman-Schilder, P. de Bruijn, J. de Leeuw, T. Leijzer, A.B. Griffioen, M. van Hoppe, E. van Os-Koomen, J.C. van Rijssel, M. Scholl, N. Tien 2022. Handboek zoetwater vismonitoringen versie 2022. CVO rapport 22.024 |

Public available document (in Dutch): van Keeken, O.A., de Bruijn, P.J. ., Griffioen, A.B., van Os-Koomen, E., & Wiegerinck, J.A.M. 2022. Vismonitoring Rijkswateren t/m 2021: Deel II, Toegepaste methoden. Wageningen Marine Research rapport; No. C077/22. <https://doi.org/10.18174/581490>

Review frequency full documentation: annually

Factsheet author(s): Hammen, T van der, Keeken O. van

Factsheet latest update: 30/03/2023

Factsheet latest review: 30/03/2023