

This is a combined data set, representing fishery data collected by 20 fishers through self-reporting during two pinger field trials that were conducted in Norwegian gillnet fisheries in 2018-2020 and in 2024, respectively. Please refer to the scientific publications associated with these data for a more detailed description of how they were collected (<https://doi.org/10.1016/j.fishres.2022.106564> and <https://doi.org/10.21335/NMDC-1533529600>). The data have been anonymized to protect the identities of the fishers involved.

Each row in the data set represents one fishing operation, i.e. the setting and subsequent hauling of a string of gillnets.

Column	Data type	Description
date	Character	Date, YYYY-mm-dd
day_of_year	Integer	Day of the year, 1 to 365
day_of_month	Integer	Day of the month, 1 to 31
vessel	Character	Vessel codename
area	Integer	Fishery block, large grid (Statistikkområde, nivå hovedområder)
location	Integer	Fishery block, small grid, (Statistikkområde, nivå lokasjoner)
lon	Float	Longitude
lat	Float	Latitude
nets	Int	Number of gillnet panels, where each panel is 27.5 m long
soaktime	Float	Fishing time in hours
hauls	Integer	Number of hauls
netkmhrs	Float	Number of nets * 27.5 m * fishing time in hrs
log_hauls	Float	Logarithm of number of hauls
log_catch	Float	Logarithm of total catch
log_netkmhrs	Float	Logarithm of netkmhrs
half_mesh	Float	Half mesh in m
depthmin	Float	Minimum depth along the nets in m
depthmax	Float	Maximum depth along the nets in m
pinger	Character	Pinger, “yes” or “no”
pingertype	Character	Pinger type, if available. Either “banana” or “egg”.
pingerstot	Integer	Total number of pingers, if available.
porps	Integer	Total number of porpoises
seals	Integer	Total number of seals
cod	Float	Total catch, cod
saithe	Float	Total catch, saithe
monkfish	Float	Total catch, monkfish
catch	Float	Total catch, all species