



UNIONE EUROPEA



REPUBBLICA ITALIANA

Council Regulation (EC) No 199/2008 of 25 February 2008
concerning the establishment of a Community framework for the collection, management and
use of data in the fisheries sector and support for scientific advice regarding the Common
Fisheries Policy

Commission Regulation (EC) No 665/2008 of 14 July 2008
laying down detailed rules for the application of Council Regulation (EC) No 199/2008

Commission Implementing Decision (EU) 2016/1251 of 12 July 2016
adopting a multiannual Union programme for the collection, management and use of data in
the fisheries and aquaculture sectors for the period 2017-2019

Italian Work Plan for data collection in the fisheries and aquaculture sectors

2017-2019

Version 2.0 – November 2016

[Rome, 28 November 2016]

PO FEAMP

ITALIA 2014 | 2020

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SECTION 1: BIOLOGICAL DATA

Pilot Study 1: Relative share of catches of recreational fisheries compared to commercial fisheries

General comment: This Box fulfills paragraph 4 of Chapter V of the multi-annual Union programme and Article 2 and Article 4 paragraph (3) point (a) of this Decision.

1. Aim of pilot study

According to EU Reg. 199/08, “recreational fisheries’ means non-commercial fishing activities exploiting living aquatic resources for recreation or sport”. This definition will be considered for the aim of the present pilot study.

A ministerial decree of 6 December 2010, aimed at promoting the recognition of the consistency of the sport and recreational fishing in the sea, states that “all those wishing to go fishing in the sea will have to make a communication to provide some basic information such as names and addresses, the type of fishing practiced and the fishing areas”. These communications are stored in a database managed by the Ministry of Agricultural, Food and Forestry Policies (Mipaaf) and will constitute the “universe” for the pilot study.

Although marine recreational fisheries are a very popular activity in Italy, with a total number of registration of more than 1 million units (according to ministerial decree 6 Dec. 2010), only partial statistical programmes are in place for the estimation of its landings and economic impact.

The main aim of the pilot study is to assess the share of catches from recreational fisheries in relation to commercial catches for all species for which catch estimates are required under this work plane. The final outcomes of the pilot study will be discussed at marine region level and will allow the definition of the design and the extent of future national surveys of recreational fisheries.

Other objectives of the pilot study are: a) to determine the number of recreational fishermen, cross-checking and integrating the current list of registered fishermen; b) to monitor fishing activity in terms of gears/equipment used and time dedicated to this activity; c) to collect some basic information on recreational catches (species, weight and number); d) to collect macro-data on the overall economic impact of the activity.

2. Duration of pilot study

The pilot study will be implemented in 2017 and 2018.

Results will be available by the end of 2018 and will be presented and discussed at regional level.

3. Methodology and expected outcomes of pilot study

The pilot study will be implemented into two different steps.

The first step will aim at validating the official database of recreational fishermen registrations managed by Mipaaf and established under ministerial decree of 6 Dec. 2010. During this step a screening survey will be conducted with the following objectives:

- o Characterization of the population
- o Estimation of the number of units per category

The ministerial database will be validated and cross-checked with additional information collected through an ad hoc field survey along the Italian coast.

Once the population of recreational fishermen is set up and defined, the second step will aim at estimating the following parameters:

1. activity per category (number of fishing trips and fishing days)
2. volume of landings and composition by species
3. additional independent data on catches, size and composition of fish caught by recreational fishermen
4. macro-data on the overall economic impact of the activity.

The data collection methods will follow a mixed strategy that will consist of:

- Probability sampling: stratified random sampling without replacement, where each sample unit will be chosen randomly from the population, for parameters 1&2 of the previous list (activity per category and volume of landings and composition by species).

The population will be based on the list of registered fishermen, validated and completed through the field survey (step 1). All selected recreational fishermen will be contacted through mail and telephone calls and requested to compile a questionnaire on activity and catches. The questionnaire will be designed in the form of a mobile application for Android and iOS operating systems. The design of the questionnaire will follow the guidelines and glossary developed by the ICES WGRFS.

- Non-probability sampling: where the sample units will participate to the survey on a voluntary basis, for parameters 3&4 of the previous list (additional independent data on catches, composition of fish caught by recreational fishermen and macro-data on the overall economic impact of the activity). This small-scale 'on site' sampling program will be defined in a way that ensures representative coverage of the target population and minimizes bias.

Both data collection methods will be implemented following guidelines for good practices documented by experts groups (WGRFS, Eurostat).

The final results of the pilot study will be presented in a scientific report, with a complete description of methodologies applied and in a set of tables with complete estimates according to the main objectives of the pilot study. Final estimates will be accompanied by quality indicators related to bias and precision, according to the Quality Assessment Tool (QAT) developed by the WGRFS.

(max 900 words)

SECTION 1: BIOLOGICAL DATA

Text Box 1E: Anadromous and catadromous species data collection in fresh water

General comment: This Box fulfills paragraph 2 points (b) and (c) of Chapter III of the multi-annual Union programme and Article 2 of this Decision.

Method selected for collecting data.

In Italy, 9 EMUs have been identified according to Eel Regulation (EC 1100/2007).

The monitoring and management of these EMUs are decentralized, as, according to national law, administrative regions are in charge for monitoring and management of internal waters. Access to freshwater areas/rivers would need to engage in discussions with regional administrations that should provide data.

This module for the monitoring of anadromous and catadromous species in Italy, and specifically eel, for the period 2017-2019, is planned as a pilot study, and the definitive monitoring scheme will be put in place only at the end of the period. In the first year, 2017, two EMUs will be involved, as a first hypothesis EMU_LAZ and EMU-PUG because representative the first of the Thirrenian side and the second of the Adriatic side, for both environmental features and organisation of the eel EMUs. For each, the most representative habitat typology will be chosen according to the setting up of the Italian Eel Management Plan, as a first hypothesis a estuary/low river system in the EMU_LAZ and a coastal lagoon in the EMU_PUG. Details will be defined in the course of the first year. The methodology for the monitoring, and the protocol will be put in place and tested, also on the basis of previous experiences of monitorings carried out in the past for the necessities of the assessment for art.9 of EC Regulation 1100/2007. In the following years, the methodology will be tested and extended progressively to other EMUs, integrating and coordinating the various levels of intervention, both administrative and methodological.

(max 250 words per Area)

SECTION 1: BIOLOGICAL DATA

Pilot Study 2: Level of fishing and impact of fisheries on biological resources and marine ecosystem

General comment: This Box fulfills paragraph 3 point (c) of Chapter III of the multi-annual Union programme and Article 2 and Article 4 paragraph (3) point (b) of this Decision.

Activities under EUMAP 3 b): Data to assist in the assessment of the impact of fisheries in Union waters and outside Union waters on marine habitats

Ecosystems are spatially heterogeneous and spatial patterns and processes are important to ecosystem structure and function, whereas the distribution of fishing activities depends on the distribution of the targeted resource. Mediterranean regulations very often have a spatial component explicitly through time and area closures. Spatial management tools are used to protect spawning aggregations, to reduce bycatch, or to meet other single-species objectives. Therefore, it is essential to provide ecosystem indicators for spatial effort to define and to evaluate management measures.

Within the Italian WP, the following ecosystem indicators for spatial effort will be estimated:

- “Distribution of fishing activities”. It will be based on the total area of grids (3 km x 3 km) within which VMS records were obtained, each month. This indicator will apply MCDA (Multi-Criteria Decision Analysis) to estimate the contribution of the small-scale fisheries, attempting to provide an overall representation of fishing effort.
- “Swept area of fishing activities”. It will be based on assessment of fishing effort by the total monthly swept area with respect to the 3 km x 3 km grid, for the portion of the fleet equipped by VMS and/or AIS.
- “Aggregation of fishing activities”. It will be based on the total area of grids (3 km x 3 km) within which 90% of VMS records were obtained, each month.
- “Gini’s Index of the fishing pattern”. It will be represented by the value of the Gini’s index computed, at a monthly scale, on the fishing effort pattern (hours of fishing per cell) returned within the computation of the indicators 5.
- “Areas not impacted by mobile bottom gears”. Indicator of the area of seabed that has not been impacted by mobile bottom fishing gears in the last year. It will be computed also at a monthly scale.
- “Substrates not impacted by mobile bottom gears”. Indicator of the area of seabed that has not been impacted by mobile bottom fishing gears in the last year with respect to the type of sea bottom substrates (fishing effort will be mapped on substrates distributions) and or bathymetric stratum (0–20m, 20–50m, 50–80m, 80–130m, 130–200 m, 200–500 m, 500–800 m, 800–1000 m, > 1000m). It will be computed at both annual and monthly scale.

Activities under EUMAP 3 c): Data for estimating the level of fishing and the impact of fishing activities on marine biological resources and on marine ecosystems

1. *Aim of pilot study*

Chapter III.3.C the new EU Dec. 1251/2016 specified that “Data for estimating the level of fishing and the impact of fishing activities on marine biological resources and on marine ecosystems, such as effects on non-commercial species, predator-prey relationships and natural mortality of fish species in each marine region”, should be collected. Following this issue, the general objective of the pilot study will be to increase the knowledge on predator-prey relations, which are needed for multi-species stock assessments.

2. *Duration of pilot study*

The pilot study will be implemented in 2017 and 2018. In 2017 methods and approaches will be defined and tested. In 2018 the pilot study will continue with data collection activities and data analysis.

Results will be available by the end of 2018 and will be presented and discussed at regional level.

Thereafter, based on the outcomes of this pilot study, Member States will determine future data collection specific coordinated at marine region level and based on end-user needs.

3. *Methodology and expected outcomes of pilot study*

The methodology to implement the pilot study will be based on the one already proposed in the EU Project “Strengthening regional cooperation in the area of fisheries data collection in the Mediterranean and Black Sea” (AGREEMENT NUMBER – MARE/2014/19 -SI2.705484).

The sampling program will take into account the following criteria (strata), which are known to influence the diet of the investigated species: size class and season.

Stock, fisheries to be monitored, sources of information (i.e. commercial fisheries, surveys) and the exact data to be collected (i.e. number of specimens) will be identified at Regional level in 2017 and in consultation with the relevant end users in the region.

The final results of the pilot study will be presented in a scientific report, with a complete description of methodologies applied (including collection of samples, removal of the stomach contents, identification of the prey items and treatment of the data collected) together with protocols and guidelines for sampling, processing and analyzing the stomach contents.

(max 900 words)

SECTION 1: BIOLOGICAL DATA

Text Box 1G: List of research surveys at sea

General Comment: This Box fulfills Chapter IV of the multi-annual Union programme and Article 2 and Article 7 paragraph (3) of this Decision. It is intended to specify which research surveys at sea set out in Table 10 of the multi-annual Union programme will be carried out. Member States shall specify whether the research survey is included in Table 10 of the multi-annual Union programme or whether it is an additional survey.

MEDITS SURVEY (mandatory survey)

1. Objectives of the survey

The MEDITS programme aims to conduct co-ordinated bottom-trawl surveys Mediterranean. This bottom trawl survey derives from an EU project started in 1994 at European Mediterranean level (Bertrand et al., 2002), in which all the participants use the same gear, the same sampling protocol and the same methodology. The challenge of MEDITS survey is to provide data useful for describing and quantifying changes in the fish populations, through indices of demography, mortality, spatial occupation, biological traits, thus contributing to the routine stock assessments and the development of management advice tools. One survey should be carried out every year, during spring and beginning of summer.

2. Description of the methods used in the survey. For mandatory surveys, link to the manuals. Include a graphical representation (map)

Overall, MEDITS data shall be processed and analysed in line with the data collected according to the common protocol (MEDITS-Handbook. Version n. 8, 2016), to produce information (i.e. population distribution, abundance, size composition etc.), on benthic and demersal species found in an area with a depth ranging from 0 to 800 m within the seas adjacent to Italy (in Fig. a) the 7 GSA are reported). The working zone (on the continental shelves and along the upper slopes) has been adopted to cover at best the distribution areas of the main exploited or potentially exploitable species, considering the administrative and technical constraints of the project.

The stations will be distributed in each of the 7 GSA applying a random stratified sampling scheme using as strata the geographical combination of zones and depth. About 670 hauls should be carried out during each annual survey.

In order to improve the quality of the MEDITS data and the consistency of the information collected a routine (RoME, Bitetto et al., 2015) has been developed for common use, which rationale has been incorporated in the checks made at JRC level during the data upload and the assessment working groups (STECF-EWG). Regarding the data storage, the FishTrawl webapp (a software system for data input, analysis, import/export, storage, checks), designed for scientific trawl survey data as MEDITS was completed, tested and it is available for common use.

3. For internationally coordinated surveys, describe the participating Member States/vessels and the relevant international group in charge of planning the survey

Since 2001, the European countries bordering the Mediterranean Sea are obliged to carry out Medits surveys yearly in the framework of the EU data collection regulation. Up to now ten Mediterranean EU countries (Italy, France, Spain, Croatia, Greece, Malta, Slovenia, and Cyprus) collaborated in the project and permanent links are maintained with relevant bodies (i.e. RCMMed&BS and GFCM).

4. Where applicable, describe the international task sharing (physical and/or financial) and the cost sharing agreement used

Targets number of hauls, by area and participating countries, are reported in the Annex III of the Medits Handbook (Version n. 8, 2016, MEDITS Working Group: 177 pp.).

5. Explain where thresholds apply

No threshold.

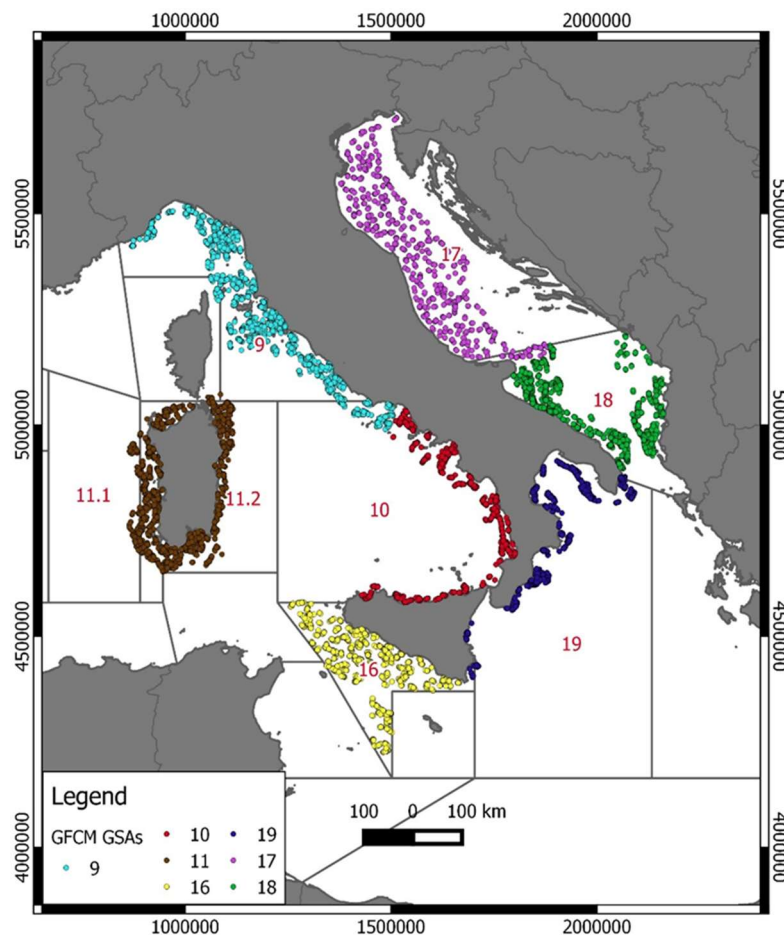


Figure a) MEDITS fishing hauls foreseen in the 7 Italian GSA

MEDIAS SURVEY (mandatory survey)

1. Objectives of the survey

The Pan Mediterranean Acoustic Survey (MEDIAS) has been carried out annually since 2009 in order to assess the abundance and spatial distribution of small pelagic species (anchovy - *Engraulis encrasicolus*, and sardine - *Sardina pilchardus*), in the Mediterranean Sea by means of acoustic methodology. Demographic structure and species composition of the pelagic populations has been derived also from pelagic trawls in order to evaluate the abundance and biomass per age, size and sex.

2. Description of the methods used in the survey. For mandatory surveys, link to the manuals. Include a graphical representation (map)

This research will be based on common protocol (MEDIAS-Handbook, 2013) and will follow a multidisciplinary approach. Synoptically with the acoustic data acquisition, carried out using a multifrequency scientific echo sounder system properly calibrated each year, net samplings on small pelagic fish should be performed by means of a pelagic trawl (Tables 1.G, H)

The aim is to determine species and size composition of the pelagic biomass (fish sampling is required to collect representative samples of the population from a qualitative point of view and not a quantitative point of view, as is the case of demersal surveys). Length frequency distribution of all the caught fish species will be recorded. Age samples of *E. encrasicolus* and *S. pilchardus* will be collected and analysed. Analysis of acoustic data will be conducted by means of dedicated software for echograms scrutinization.

Further, for an ecosystem based approach environmental monitoring will be performed, thus CTD oceanographic data (temperature, salinity, fluorescence and dissolved oxygen) will be recorded.

3. For internationally coordinated surveys, describe the participating Member States/vessels and the relevant international group in charge of planning the survey

The MEDIAS acoustic survey, performed in spring-summer, should cover a series of areas in the Mediterranean EU MS (Spain, France, Croatia, Italy, Slovenia and Greece) with a standardised methodology. Italy will cover:

- a) Adriatic Sea (GSA 17 and 18; FAO Sub-Divisions 37.2.1 and 37.2.2) – Fig. b)
- b) Tyrrhenian Sea (GSA 9 and 10; Sub-Division 37.1.3) – Fig. c)
- c) Sicilian Channel (GSA 16; FAO Sub-Division 37.2.2) – Fig. d)

Concerning the MEDIAS database, in 2016 the Steering Committee has revised the format of existing databases related to acoustic surveys per study area and MEDIAS partners (AcousMed project, Contract

MARE/2009/09 SI2). The aim is the proposal of a common database that will serve the needs of acoustic surveys in order to fulfil DCF requirements and standardize the output of surveys estimations.

Concerning the availability of data, the reference period will be one year. For MEDIAS surveys, as agreed at regional level (RCMMed&BS Final Report, 2016), the results pertaining to the reference period (n) will be ready at the end of March of the year after (n+1).

Acoustic survey in Slovenian territorial waters (GSA 17)

The area that is object of acoustic survey on small pelagic fish species in Slovenian territorial waters is about 117 square nautical miles. The survey transect grid is reported in Figure b), for a total of around 25 nautical miles plus 2 hauls on pelagic fish and 2 CTD stations. One day is needed to perform this survey. The acoustic and biologic data analysis will be carried out by Italian team. An official agreement will be signed for this purpose between Italy and Slovenia.

4. Where applicable, describe the international task sharing (physical and/or financial) and the cost sharing agreement used

The geographical areas that will be covered by the MEDIAS surveys and the respective days at sea per participating countries are reported in Table 1 of the Medias manual (MEDIAS-Handbook, 2013).

5. Explain where thresholds apply

No threshold.



Figure b) Acoustic survey in the Adriatic Sea: GSA 17 including the Slovenia waters and GSA 18

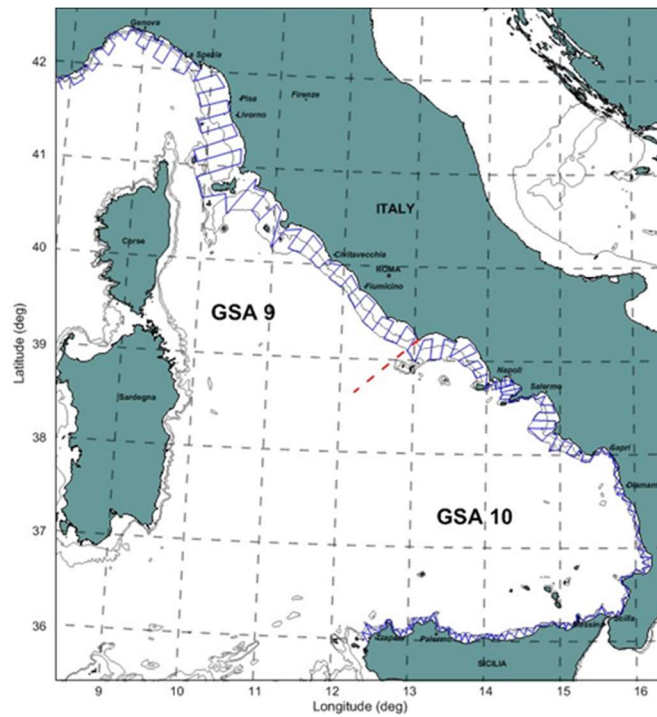


Figure c) Acoustic survey design in the GSAs 9 and 10; Sub-Division 37.1.3.

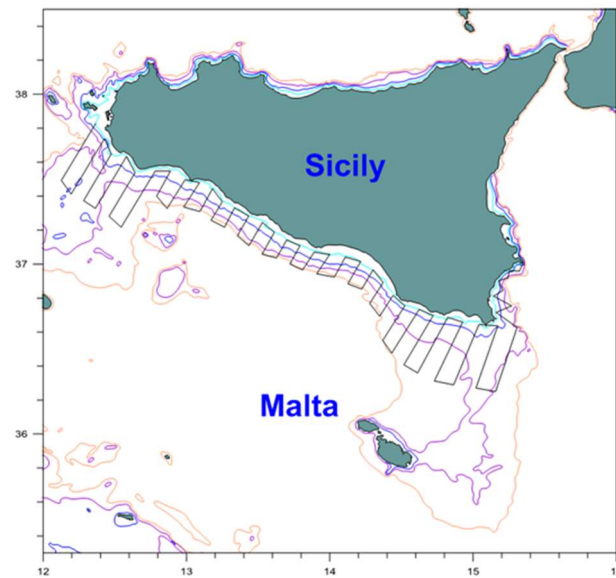


Figure d) Acoustic survey design in the GSA 16; FAO Sub-Division 37.2.2.

SoleMon survey (non mandatory survey)

1. Objectives of the survey

Solea solea is an important resource in the GFCM area. About 22% of the GFCM landings of soles comes from the Adriatic Sea. In the GSA 17 soles are targeted by “rapido” trawl and set nets, that amount to around 500 boats, for a total of 1,600 fishermen and an annual value of landings of around 40 million Euros.

The main survey objectives are:

- a) Assessing abundance and distribution in GSA17 of sole and other important demersal resources by surveys with “rapido” gears suitable to seize flatfish and other benthic animals.
- b) Pursuing the studies on the ecosystem impact of the “rapido” trawl fishery.
- c) Finally, since the new CFP is going to be more and more integrated in the EU maritime policy context [COM(2009)163 final], the data, will also contribute to the setting of the GES and targets for the Adriatic Sea in the framework of an ecosystem approach. Thus matching to the requirement of the implementation of the MFSD [DIRECTIVE 2008/56/EC].

2. Description of the methods used in the survey. For mandatory surveys, link to the manuals. Include a graphical representation (map)

The survey should cover sole presence within the GSA 17 that, according to the genetic information pertains as a single stock (Figure e). All this holds also for benthic fish and shellfish of commercial interest, including rays and other selachians, since EU greatly focuses on such vulnerable resources. Survey should be carried out based on the protocol used since 2005 (SoleMon Survey – Instruction Manual - Version 2, May, 2011) and utilising the same gear. The gear is a modified beam trawl named as “rapido” trawl, and should be appositely planned to fish on different types of bottom. The research vessel should utilize two gears simultaneously in each haul.

3. For internationally coordinated surveys, describe the participating Member States/vessels and the relevant international group in charge of planning the survey

As sole stock is shared among Italy, Slovenia and Croatia in GSA 17, we assume that the stock’s exploitation rate will increase in the next future, due to the foreseen development of the fishing sector in the States of Eastern Adriatic Sea, with a potential risk of overexploitation. Data will be shared in WGs, both at EU and Mediterranean level, and with all member States of AdriaMed through common database AtrIS.

4. Where applicable, describe the international task sharing (physical and/or financial) and the cost sharing agreement used

Targets number of hauls, by area and participating countries, are reported in the Solemon Manual (SoleMon Survey, Instruction Manual - Version 2, May, 2011)

5. Explain where thresholds apply

No threshold.

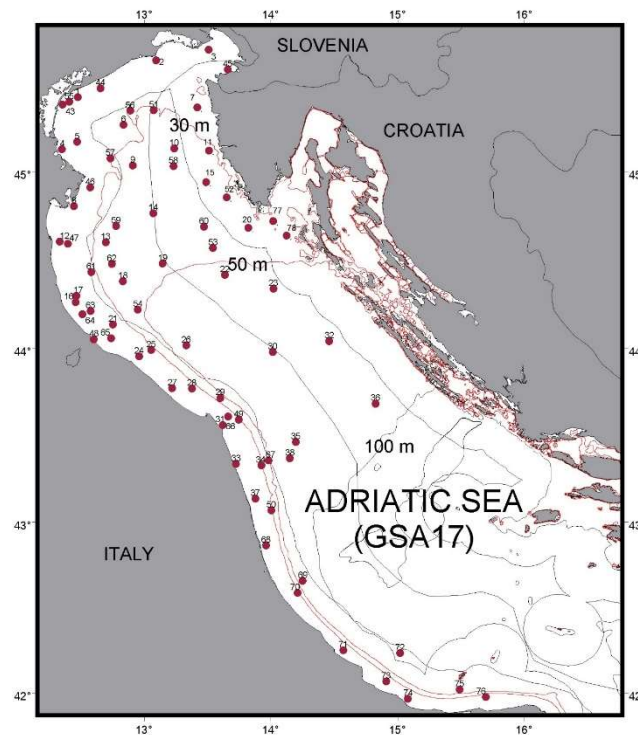


Figure e) SoleMon fishing hauls foreseen in the Adriatic Sea (GSA 17)

(max 450 words per survey)

SECTION 2: FISHING ACTIVITY DATA

Text Box 2A: Fishing activity variables data collection strategy

General comment: This Box fulfills paragraph 4 of Chapter III of the multi-annual Union programme and Article 2, Article 4 paragraph (2) point (b) and Article 5 paragraph (2) of this Decision. It is intended to describe the method used to derive estimates on representative samples where data are not to be recorded under Regulation (EU) No 1224/2009 or where data collected under Regulation (EU) No 1224/2009 are not at the right aggregation level for the intended scientific use.

1. Description of methodologies used to cross-validate the different sources of data

The definition of all the fishing trips of the Italian fleet with their associated features is based on a cross-validation procedure of different sources of data.

The procedure considers all available information at the most disaggregated level:

- Fishing fleet register. The fishing technique actually used by each vessel is checked on a quarterly basis. This activity includes: field surveys through the data collectors network used in sample surveys, cross-checking with the information reported in logbooks, VMS data, comparison with previous fleet structures.
- Logbooks and landing declarations. The Control Regulations data are consolidated monthly. Basic and regular checks are implemented on the gear used and on the species caught and landed. These declarative forms are the unique source of information for dredgers, tuna seiners and vessels operating outside the Mediterranean.
- Sales notes data. In addition to fundamental checks on the average price for the species at the highest level of geographical and technical detail, this source of information is also used to validate the data on the quantities landed by species.
- VMS data. The information on the geo localization of the fishing boat are a well established reality and their use covers 95% of the fleet => 15 meters (1600 boats). In addition to providing information about of the effort distribution, they are used as a control tool for the activity through crossing with the logbook declarations and the sample survey. They can also provide information on the gear used, therefore on the metier.
- Sample survey. It is the prevalent source of information for the fleet < 10 meters; sales notes data are also used to cross-checks sample data. The sample survey is also applied to the fleet > 10 m to integrate the information derived from the Control Regulation.
- Data from biological sampling and observing trips. The data derived from biological samples allow to estimate the discards of the main commercial species and estimate the frequency distributions of landing and discards. Furthermore, they provide productivity parameters such as the CPUE that can be used both as a check-control for the information coming from Regulation control and those derived from sampling survey.

Specific procedures are applied to verify the information obtained from the different sources, relating to a same variable (gears, days, catch and price for species), with the goal of identifying and validating the real figure and get an exhaustive picture of the fishery for scientific purposes.

2. Description of methodologies used to estimate the value of landings

The estimation of value of landings follows the same approach applied for the estimation of volume of landings and of fishing effort. Methodologies are described under points 1 (Description of methodologies used to cross-validate the different sources of data) and point 4 (Description of methodologies used to plan collection of the complementary data).

3. Description of methodologies used to estimate the average price

For the units of the sampling survey, the price is derived from sales that can be done on different channels: the fish market (one or more), the wholesaler and the retailer. The latter case is common in units of artisanal fisheries. Ultimately, a same species in a same trip can have multiple different prices.

For the data obtained from the logbook, the prices are derived as the crosscheck of the survey data for the same stratum or the same area and from sales notes. Further use of the sales notes is to cross-check the price obtained from the survey.

4. Description of methodologies used to plan collection of the complementary data (sample plan methodology, type of data collected, frequency of collection, etc.)

The target population (universe) is made up of the set landings by the Italian fishing vessels. The sample set unit is the single vessel selected from the official list of the Vessel Register.

The sampling is of a stratified nature in that the fishing vessels of the fleet are divided into homogenous groups based on suitable variables and independent samples are taken from each of these clusters. The optimum sample number per stratum is defined according to Bethel's procedure. This algorithm allows to obtain for each stratum, the optimal sample size, according to the predetermined error level. The error level has been raised to 7%, while in previous years was 4%. However, no loss of quality will result because the increase in the level of error will be compensated by the integration with the control regulation data.

The vessels are selected using PPS methodology (Probability Proportional to Size) and, to be more exact, using the algorithm of Hanurav-Vijayan.

Following the random extraction of vessels to be studied, the list is submitted to the network of data collectors that are selected professionals in the world of fishing and who have working relationships with the trade associations. They can easily get in touch with the owners of the ships and are usually present on landing. Data are collected on a daily basis. Primary data are collected and transmitted by means of specific software that works via the web.

The Horvitz-Thomson estimator is used to obtain an estimate of totals per stratum, while the Sen-Yates-Grundy formula is used to estimate the relative sampling error. The estimate phase is preceded by a set of control and correction procedures of sample data to guarantee results with a determined level of quality.

(max 900 words per Region)

SECTION 3: ECONOMIC AND SOCIAL DATA

Text Box 3A: Population segments for collection of economic and social data for fisheries

General comment: This Box fulfills paragraph 5 points (a) and (b) of Chapter III of the multi-annual Union programme and Article 2, Article 4 paragraphs (1), (2) and (5) and Article 5 paragraph (2) of this Decision. It is intended to specify data to be collected under Tables 5(A) and 6 of the multi-annual Union programme.

Supra region: Mediterranean and Black Sea

1. Description of methodologies used to choose the different sources of data

Data sources will depend on the different types of data collection that will be used to collect the variables listed in table 5A of the EUMAP (see paragraph 2). In particular, data sources will be the followings:

- The Fleet Register will be used for the number of fishing enterprises and for variables related to the fleet (number of vessels, mean LOA of vessels, vessel's tonnage, etc.)
- Fleet register and ad hoc questionnaires will be used for estimating consumption of fixed capital and value of physical capital
- Accounts will be used for financial position
- Official administrative records will be used for reporting operating subsidies and subsidies on investments
- Ad hoc electronic questionnaires will be used to collect the rest of the variables listed in table 5A of EUMAP from the sample units of the survey described in paragraph 4.

2. Description of methodologies used to choose the different types of data collection

Different methodologies and data sources will be used to collect the variables listed in Table 5A of the EUMAP, as reported below:

- A probability sample survey will be implemented to estimate the following variables:
 - o Income (Income from leasing out quota, Other income)
 - o Labour costs (Personnel costs, Value of unpaid labour)
 - o Energy costs and energy consumption
 - o Repair and maintenance costs
 - o Other operating costs (Variable costs, Non variable costs, Lease/rental payments for quota or other fishing rights)
 - o Value of quota and other fishing rights
 - o Investments in tangible assets, net
 - o Employment (Engaged crew, Unpaid labour, Total hours per year)
- Gross value of landings and production value per species (Value of landings per species, Average

price per species) and fleet variables will be collected as explained under text box 2A and table 2A.

- Subsidies and number of fishing enterprises will be collected through a census.
- Financial position will be estimated through a non probability sample survey.
- Value of physical capital and consumption of fixed capital will be estimated through an indirect survey based on PIM (Perpetual Inventory Method).

3. Description of methodologies used to choose sampling frame and allocation scheme

The population will be all active and inactive vessels registered in the Union Fishing Fleet Register as defined in Commission Regulation (EC) No 26/2004 on 31 December of the reporting year and vessels that do not appear on the Register at that date but have fished at least one day during the reporting year.

The fleet will be segmented into homogeneous groups of vessels as defined by table 5B of EUMAP, according to the prevalent fishing technique and in line with the results of section 2A (fishing activity). A further segmentation of the fleet based on a geographical criterion (combinations of administrative region and FAO geographical sub-area (GSA)) will be used in the sampling design to improve the representativeness of the sample. This level of stratification may generate very small strata that have to be clustered to ensure statistical confidentiality and in order to design a statistically sound sampling plan. Such a clustering scheme will be consistent with previous years and will be maintained constant over time.

The sample size and its allocation among strata will be carried out by using the software MAUSS-R, Multivariate Allocation of Units in Sampling Surveys, developed by ISTAT (Italian National Institute of Statistics). MAUSS allows to minimize the sample size according to maximum accepted sampling errors of target estimates for each stratum. The selected parameters for the estimation of the sample size and its allocation will be: wages and salaries of crew, energy costs, repair and maintenance costs, variable costs, non-variable costs. See table 5B for further references.

4. Description of methodologies used for estimation procedures

Primary data referred to year n will be collected in year $n+1$ through the sample survey and will be subjected to: a) a control process, b) correction of outliers and estimation of missing data, c) elaborations for the estimation of the final variables requested by table 5A of EUMAP. These activities will be carried out through an interactive web application specifically developed for the statistical analysis of primary economic data for fisheries.

The control process of primary data will consist of the following steps:

- identification of outliers on absolute values;
- identification of outliers on mean values;
- evaluation of the costs structure;
- comparison with benchmark data.

The final set of primary data resulting from corrections and imputation of non-response will be expanded to the population. The raising factors will be calculated through the Horvitz - Thompson estimator, while the formula of Sen-Yates-Grundy will be used to estimate the sampling errors. Detailed methodology is available on: <http://dcf-italia.cnr.it/main/docs/14>.

The value of capital and capital costs will be estimated according the PIM, which is based on the specification of the composition of the active fleet by age and on the estimation of price per GT. The price per unit of capacity will be estimated having in mind the price for building new vessels (replacement values). Assumptions for application of the PIM are available on: <http://dcf-italia.cnr.it/main/docs/14>.

The estimation of data on subsidies will be based on the official lists provided by national and regional administrations. These lists will be further processed to consider only payments that can be classified as operating subsidies and subsidies on investments. Each payment will be associated with one vessel. This link will allow to report subsidies in fleet segments.

The estimation of financial position will be based on accounts for vessels belonging to companies which are obliged to publish financial statements. This information will be further integrated with data based on direct interviews to vessels which are not subject to the publication of balance sheets.

5. Description of methodologies used on data quality

Three main methodologies will be applied to get consistent results for socio-economic parameters:

- monitoring of data collectors through field visits: to train data collectors and to ascertain what kind of contacts data collectors has established with operators;
- statistical control: identification of the main anomalies, outliers and missing data and analysis of consistency over time and with regards to “benchmark” parameters;
- cross-checks with other data sources: activity data, VMS, balance sheet data

Finally, coefficient of variations (cv) will be calculated for the final estimates through a specific statistical tool.

Italian software and methodologies used for statistical control of primary data and for the estimation procedures (e.g. the R scripts) have been presented at the 5th Planning Group on Economic Issues and are available on: <http://dcf-italia.cnr.it/main/docs/14>.

Other regions

1. Description of methodologies used to choose the different sources of data

The Italian Fleet Register includes 9 vessels with a license to operate outside the Mediterranean waters. The activity of these vessels depends on fisheries agreements in place and may vary every year.

The data source for the collection of the economic data will be the Economic&Loss Reports and the

Balance Sheets.

2. *Description of methodologies used to choose the different types of data collection*

Economic data for the fleet operating in “other regions” will be collected through a census.

3. *Description of methodologies used to choose sampling frame and allocation scheme*

The accounts and balance sheets of all the vessels that will result from official information that have fished outside the Mediterranean Sea will be collected and analysed.

For inactive vessels value of capital and consumption of fixed capital will be collected.

Economic data will be provided at the level of fleet segment. If the fleet segments will be composed by less than 2 vessels, economic data will be collected but not published for confidentiality reasons.

4. *Description of methodologies used for estimation procedures*

The aim of the survey is to get exhaustive information for all vessels.

5. *Description of methodologies used on data quality*

The data source will be the Profit and Loss Accounts and Balance Sheets. However, operators will be also contacted to ensure a precise alignment between accounting data and variables listed in table 5A of the EUMAP.

Response rate will be provided for each variable of table 5 of EUMAP as an indicator to assess the quality of final estimates.

(max 900 words per Region)

SECTION 3: ECONOMIC AND SOCIAL DATA

Pilot Study 3: Data on employment by education level and nationality

General comment: This Box fulfills paragraph 5 point (b) and paragraph 6 point (b) of Chapter III of the multi-annual Union programme and Article 2 and Article 3 paragraph (3) point (c) of this Decision. It is intended to specify data to be collected under Table 6 of the multi-annual Union programme.

1. Aim of pilot study

Social variables as indicated in Table 6 of EUMAP will be collected every three years starting from 2018.

The pilot study will cover: the fishing sector, marine and freshwater aquaculture and processing industry.

In 2017 a pilot study will be implemented to:

- precisely define the variables listed in table 6 of EUMAP
- suggest a sound methodological approach to collect the social variables
- test the methodology in selected case studies (2 case studies for the fleet, 1 case study for the aquaculture, 1 case study for the processing sector)

2. Duration of pilot study

The pilot study will be implemented in 2017. Main results will be presented in relevant expert working groups (PGCON).

3. Methodology and expected outcomes of pilot study

The methodology will be based on a mixed-method approach to collect primary information that includes semi-structured interviews to be implemented through focus groups with key local informants in the community and fishing/aquaculture/processing sector together with targeted questionnaires. Secondary data at the national and local levels will be also used to provide additional demographic data and to evaluate trends in employment profile.

In particular, the pilot study will consider the following steps:

1. review of the available literature in social surveys and investigation on the information already available in official administrations and at the national statistical institute.
2. focus groups and interviews with key local informants in the community to prepare the questionnaire and to highlight the main problems related to the collection of social data

3. selection of case studies on the basis of socio economic importance of the fisheries/ aquaculture/processing sector within the Italian context and links to other economic sectors (2 case studies for the fleet, 1 case study for the aquaculture, 1 case study for the processing sector).
4. collection of data in the case studies applying a stratified sampling surveys. Sampling will be implemented through the questionnaires set up in step 1. The sample will include representatives from different segments and various employee-types within the segment. The stratification of groups prevents bias, and the selection of key informants is considered appropriate to ensure that the people with sufficient knowledge of the subject area will be involved.
5. data processing according to statistical procedures and analysis of the results.

Expected outcomes of the study are mainly aimed at producing consistent and comparable social variables, definitions and methods of data collection to be applied in 2018.

(max 900 words)

SECTION 3: ECONOMIC AND SOCIAL DATA

Text Box 3B: Population segments for collection of economic and social data for aquaculture

General comment: This Box fulfills paragraph 6 points (a) and (b) of Chapter III of the multi-annual Union programme and Article 2, Article 4 paragraphs (1) and (5) and Article 5 paragraph (2) of this Decision. It is intended to specify data to be collected under Tables 6 and 7 of the multi-annual Union programme.

1. Description of methodologies used to choose the different sources of data

The main data sources will be the annual financial statements of companies in the aquaculture sector that will enable the collection of the variables requested by table 7 of EUMAP.

Economic data will be collected from the analysis of accounts and financial statements, but also through direct contacts with businesses to ensure perfect alignment between the accounting data and variables required by table 7 of EUMAP.

2. Description of methodologies used to choose the different types of data collection

All the economical parameters will be estimated through a “Probability Sample Survey” in which the sample will be randomly selected from the universe of aquaculture firms.

3. Description of methodologies used to choose sampling frame and allocation scheme

Economic data will be collected for the aquaculture sector as defined by EU Reg. 1380/13 and the population will be defined according to EUMAP (enterprises whose primary activity is defined according to the European classification of economic activities NACE (1) codes 03.21 and 03.22 and who operate for profit).

The sample frame and the allocation scheme will be derived from the Eurostat survey implemented according to REG CE n. 762/2008.

The optimum sample number per stratum is defined according to Bethel’s procedure, that is a mathematical algorithm to achieve the optimum sample allocation in a multivariate sample survey.

Information will be collected through the choice of a representative sample per single productive segment, with a random selection. Once selected the firm sample per productive segment it will also be possible to substitute a single firm if necessary.

No social and economic data on aquaculture will be collected for species accounting for less than 10 % of the Italian aquaculture production by volume and value.

4. Description of methodologies used for estimation procedures

To obtain the estimates of the totals per stratum, the Horvitz-Thompson formula will be used, derived for the particular case of the simple random sampling without replacement. According to this particular estimator, the variance and the CV will be calculated to evaluate the precision level.

Additional information is available on: <http://dcf-italia.cnr.it/main/docs/14>.

5. Description of methodologies used on data quality

Accuracy indicators will be calculated to provide information on the quality of the collected data, for each variable. In particular, information on data quality will be given in terms of target precision levels and coverage rates. The estimation of the variance for the calculation of the CV will be also provided.

The phase of controlling and correcting data consists in identifying and treating errors present in the primary data, in the aim of guaranteeing final results with specified levels of quality.

Additional information is available on: <http://dcf-italia.cnr.it/main/docs/14>.

(max 1000 words)

SECTION 3: ECONOMIC AND SOCIAL DATA

Pilot Study 4: Environmental data on aquaculture

General comment: This Box fulfills paragraph 6 point (c) of Chapter III of the multi-annual Union programme and Article 2 and Article 4 paragraph (3) point (d) of this Decision. It is intended to specify data to be collected under Table 8 of the multi-annual Union programme.

1. *Aim of pilot study*

The aim of the pilot study is to assess the feasibility to provide the environmental data on aquaculture as indicated in Table 8 of EUMAP to enable the assessment of aspects of its environmental performance.

Environmental data may be collected on the basis of pilot studies and extrapolated to indicate totals relevant to the total volume of fish produced in the Member State.

2. *Duration of pilot study*

The pilot study will be implemented in 2017.

Environmental data will be collected every two years starting in 2018.

3. *Methodology and expected outcomes of pilot study*

According to EUMAP, the variables to be collected are:

- medicines or treatments administered, by type, extrapolated from data recorded under Annex I, point 8(b), of Regulation (EC) No 852/2004 of the European Parliament and of the Council
- mortalities, extrapolated as a percentage of national production from data recorded under Council Directive 2006/88/EC, Article 8, Paragraph 1(b).

A sub sample of the one used to collect economic data for the aquaculture sector will be extracted.

This sub sample will be defined in a way which enable to cover all the segments reported in table 9 (Segmentation to be applied for the collection of aquaculture data) of EUMAP and for which the economic survey will be implemented.

An additional questionnaire will be prepared and administered to the selected sampling units.

The questionnaire will be divided into two sections:

- 1st section: qualitative information:
 - o procedures adopted by the enterprises to record the data requested by Regulation (EC) No 852/2004 and by Council Directive 2006/88/EC

- o who is responsible for the registration of these data
- o how these data are recorded (electronic files, paper registers, ecc.)
- o the availability to provide this data for the purpose of the EUMAP

- 2nd section: quantitative information:
 - o medicines or treatments administered, by type, in grams
 - o mortalities, per cent

Answers to the questionnaires will then be analyzed and answers will be assessed to achieve suitable results for the actual data collection to be implemented in 2018.

(max 900 words)

SECTION 3: ECONOMIC AND SOCIAL DATA

Text Box 3C: Population segments for collection of economic and social data for the processing industry

General comment: This Box fulfills footnote 6 of paragraph 1.1(d) of Chapter III of the multi-annual Union programme, Article 2, Article 4 paragraphs (1) and (5) and Article 5 paragraph (2) of this Decision. It is intended to specify data to be collected under Table 11 of the multi-annual Union programme.

1. Description of methodologies used to choose the different sources of data

In Italy the fish processing sector is part of the industry, manufacturing sector with NACE code 10.20 (fish processing activity). Structural Business Statistics (SBS) data for the 10.20 activity sector will be used for providing data on industries having more than 10 employees and exerting fish processing as main activity. SBS data as requested by Reg. CE 295/2008 are collected by ISTAT, the Italian Statistical Institute and provided to ESTAT.

For those variables not directly provided under SBS (e.g. other incomes, value of unpaid labour, other operational costs, operating subsidies, consumption of fixed capital and unpaid labour ad-hoc indirect surveys will be carried out on SBS data or on official data (collected under other national surveys) or by mean of ad-hoc surveys where data are completely unavailable (debt and total value of assets).

In line with the provisions of EUMAP, economic data for enterprises with less than 10 employees, representing in 2014, 75% of the whole sector, will be collected through the implementation of a specific survey. The main data sources will be enterprises' registers and the official balance sheets of these companies for the main income and costs data.

Subsidies on investments will be collected by using the main administrative sources (e.g. funds allocated under EMFF). Taking into account that this variable is collected starting with this new data collection program, it is still unclear if this variable could be provided by different employment segments (<10 and >10).

In order to collect all the economic data on employment for the segment <10 employee, enterprises' registers will be cross-checked with other national registers (e.g. labour registers) for providing the main economic data on employment (including the social and economic data on FTE national).

As far as the social data related to employment, data will be collect for the whole sector every three years. The main data sources (e.g. labour registers, ad hoc questionnaires and SBS data) will be cross-checked and used for providing the variable listed under Table 11 of EUMAP.

The main economic variables (e.g. turnover and number of enterprise) will be collected also for enterprises exerting the fish processing activity as secondary activity. The main data sources will be enterprises' register for the number and balance sheets and interviews for turnover attributed to fish processing activity.

The national program foresees the collection of data on raw material in weight, by species and origin, for

the whole sector. Data will be collected by mean of questionnaires and interviews submitted to selected industries (according to the representativeness) every three years starting in 2018. Meetings with the industry representatives will help to select industries and collect data.

2. Description of methodologies used to choose the different types of data collection

The already existing data collection surveys by ISTAT are well established and provide validated time series. The surveys used to collect data under SBS and provided to ESTAT refer to a) small and medium enterprises (PMI survey) and large enterprises (SCI survey). Quality reports on both the surveys are available on request or already on the ISTAT website.

Economic data for the segment <10 will be collected by mean of an ad-hoc survey.

The collection of social data on employment will be explored by mean of a pilot study in 2017 whose aim will be to cross-check labour register's data and data collected by mean of ad-hoc questionnaires. The final data collection scheme will be based on the pilot study and will start in 2018.

For the volume of raw material by species and origin no such regular collection scheme is established, so a pilot study will be conducted in 2018.

3. Description of methodologies used to choose sampling frame and allocation scheme

Where data are already covered by national official data collection (e.g. SBS data), sampling frame and allocation scheme are defined according to the specific methodologies under those surveys (PIM and SCI) implemented by ISTAT and whose details are available in official reports and website (www.istat.it/en/tools/methods-and-it-tools).

For the data collection conducted by mean of ad-hoc surveys the sampling frames will be defined according to the surveys already implemented under the data collection framework since 2006.

4. Description of methodologies used for estimation procedures

For economic and social variable collected through a census no estimation procedure is necessary and past experience shows no problems with non-response.

In case of economic data gained through sample standard statistic parameters will be applied to raise the values to the overall population.

For the pilot studies on social variables and on raw material volume the procedures to estimate the totals will depend on the results of the planned studies and on data availability.

5. Description of methodologies used on data quality

The quality of data for those data covered by official statistics is ensured by the fact that data on fish

processing industry are collected by ISTAT under European SBS standards.

For data obtained by estimation on national registers, large errors are not expected.

The quality of data collected by mean of ad-hoc survey will be ensured by applying sound statistical approaches and providing data on coverage rates and coefficient of variation.

As far as the pilot study on raw material, as answering to this questionnaire is not mandatory for the companies, a low response rate is to be taken into account. As a consequence, the data collection will be complemented and anticipated by communication strategies in advance (announcements in fish sector magazines, personally introduction of the project to the association of fish processors) as well as mail reminder. Quality will be assessed by response rate and the sampling errors will be expressed by the main quality and accuracy indicators wherever possible (e.g. standard error and/or coefficient of variation).

(max 1000 words)

Text Box 4A: Sampling plan description for biological data

General Comment: This Box fulfills Article 3, Article 4 paragraph (4) and Article 8 of this Decision and forms the basis for the fulfilment of paragraph 2 point (a)(i) of Chapter III of the multi-annual Union programme. This Table refers to data to be collected under Tables 1(A), 1(B) and 1(C) of the multi-annual Union programme.

REGION: Mediterranean Sea and Black Sea

In order to ensure congruency along the data series, Italy will report data by metiers as recommended by RCMMed&BS-LP 2016, and as defined by EU Decision 1251/2016 under Chapter III (data requirements), paragraph 2(a) requesting catch data at the aggregation level 6 (corresponding to mesh size). The reference list of metiers is being reproduced in RCM MED&BS-LP 2016 report for ease of reference. With the exception of the metier targeting large pelagic and eel, all the collection and analysis of data will be performed and reported at GSA level (<http://www.fao.org/gfcm/data/map-geographical-subareas/en/>). Sampling will be performed in order to evaluate the quarterly length distribution of species in the catches, and the quarterly volume of discards.

Tables 1A, 1B and 1C

RCMMed&BS-LP 2016 agreed that stratification of stocks for data collection should follow the structure followed in the previous years (Group 1, 2 and 3 species, EU Decision 93/2010), which is also in line with the approach, and the spatial stratification, as identified in the adopted GFCM-Data Collection Reference Framework (GFCM-DCRF, 2016).

Table 1A - Each line in Table 1A cannot correspond to one stock because in the current column namely 'Area/Stock' it is present the FAO division (but in the Med&BS, stock assessment and fisheries management are carried out by Geographical Sub-Areas GSA of the GFCM). So, as agreed at RCMMed&BS-LP 2016, in the 'Comments' column it has been inserted the Relevant GSA/s in which the species occurred and for which biological sampling will be carried out. The identified GSA it has been correctly reported in Table 1B and 1C.

Average landing data and share in EU landing have been obtained from the RCMMed&BS-LP 2016 report. Should be underlined that for some species (i.e. *Lophius* spp., *Mullus* spp., *Trachurus* spp. *Eledone* spp. and *Mugilidae*), due to inaccurate species identification, the share (%) in EU landings might be not precise.

Table 1B - Length data should be collected and reported yearly for all the three identified group of species. Other biological parameters (i.e. sex, age, maturity, weight) shall be collected and reported yearly for Group 1 species (GFCM-DCRF Appendix A.1), whereas, for all Group 2 species (and for *Anguilla* *Anguilla*), sex, age, maturity and weight, should be reported every three years (as requested by GFCM-DCRF Appendix A.2).

Furthermore, if a species it is presents in Groups 1, 2 and 3 of the GFCM-DCRF (Appendixes A) and it is absent from the tables of the EUMAP this species should be included in the sampling plan.

Table 1C - RCM Med&BS-LP 2016 agreed that, for 2017, the number of demersal and small pelagic individuals to be sampled should be decided by the MS based on previous sampling knowledge. For the future, the optimum number of individuals required for biological data sampling will be calculated using the tool devised by the project Strengthening regional cooperation in the area of fisheries data collection in the Med&BS (MARE/2014/19- SI2.705484).

Concerning large pelagic species, length data should be reported yearly. Sex, age, maturity and weight should be reported in accordance with the end-user needs and coordinated at regional level (Table 1B). With regard to the number of individuals to be sampled for large pelagic (Table 1C), the RCM-LP is currently working on devising an appropriate tool to calculate the optimum number of individuals to be sampled. As this tool is not available yet, the same number of individuals, as regionally agreed by each country for the previous triennial period, is to be retained (see updated table in the RCM MED&BS-LP 2016 report).

Regarding sharks, it should be underlined that most of the proposed species reported both in Tables C and D of the EU Dec. 1251/2016, and in the Appendix A.3 of the GFCM-DCRF, are rare and with a sporadic and not confirmed presence in the Mediterranean area. For this reason, during the RCM Med&BS, it has been decided that no planned minimum number and sampling strategy should be associated to the collection of “sharks” species. All species (in tables C and D of EUMAP will be collected concurrently only for length without any ad hoc planning sampling.

In the Italian WP, only for the four most abundant species (i.e. *R. clavata*, *R. asterias*, *R. miraletus* as commercial species and *G. melastomus* as bycatch species) there will be a sampling programme associated.

For all other sharks’ species, biological information, such as sex, age, weight and maturity, will be collected and reported when available, through the research surveys at sea.

Concerning eel, each year 60 individuals (30 for each stage, yellow and silver) from the most productive site in each EMU will be collected. In order to minimize sacrifice of individuals photographs will be collected and measures will be obtained by the software opensource TPSdig (Rolf, 1990 <http://life.bio.sunysb.edu/ee/rohlf/software.html>). Every third year, 60 individuals (30 for each stage, yellow and silver) from the most productive site in each EMU will be collected and sacrificed in order to proceed to collection of variables such as sex and age.

Tables 4A, 4B and 4C

In order to identify the metiers to be sampled, the ranking system at GSA level, as described in the GFCM-DCRF (2016), has been applied. For sampling purpose, only the major metier will be considered. Official statistics (landings, effort and value data) have been used to apply the ranking system. Sampling strategies in each GSA will be a mix of concurrency-at-sea (sampling directly on board by observers and scientists) and concurrency-at-landing site (sampling directly on landing site, at market etc.).

The target population for the reference year will be the number of fishing trips by metier of the previous years. Fishing trip should be considered equal to fishing day. The frame population is a subsample of the target population: it will be a selection of fishing trips, mainly on spatial (GSA) and time stratification basis (quarterly) with measurements of the composition of the catch in order to detect seasonal differences in the demographic structure and composition of the landings for different metier. The sampling will be accomplished according to the methods of a two-stage stratified random sampling: the sampling unit belonging to the metier (primary unit) will be the fishing trip (secondary unit). The number of fishing days to be sampled has been defined proportionally to the effort (number of days at sea for each metier) and the landings.

With regard discards sampling, Italy will follow the discard sampling program as recommended by RCMMed&BS-LP 2016 (see updated table in the RCM MED&BS-LP report).

Concerning hydraulic and boat dredges for molluscs (Veneridae), Management Plans are implemented in Italy. Based on these plan, the collection of biological variables (i.e. length, sex, maturity, weight and age) will be implemented for each Management Consortium for the main target species in this fishery:

Chamelea gallina (main target species), *Callista chione* and *Ensis minor*.

Finally, concerning the establishment of a recovery plan on Mediterranean swordfish, the workplane already includes the collection of adequate scientific information for highly migratory pelagic species in the Mediterranean. The recovery plan on Mediterranean swordfish requests the collection of additional specific information related to fishing activities and specific data on the catches, in the smallest time-area possible. The sampling schemes already planned will be adapted in order to reach the level of details requested by the recovery plan on Mediterranean swordfish.

A summary of the methodologies applied for the estimation of demography of landings, discards, the calculation of growth and reproduction parameters, and the related precision levels, it is provided under the following link <http://dcf-italia.cnr.it/main/docs/14>.

REGION: Other regions

The Italian Fleet Register includes 9 vessels with a license to operate outside the Mediterranean waters. The activity of these vessels depends on fisheries agreements in place and may vary every year.

Till now there has been no requirement for Italy to sample these two fisheries, as they were sufficiently covered by the Spanish sampling program (report RCM LDF, Constanta, 2013: “Based on this information and providing that these proportions of landings and effort for the above metiers do not significantly change over the next years, there is no requirement for Italy to sample these fisheries”).

Available landing and effort data of these vessels operating both in the CECAF and IOTC areas will be sent to the RCM Long Distance Fishery. Up to now, no biological sampling has been implemented for those

vessels, they only have a national obligation to fulfil logbooks. Italy will be considered further recommendations of the RCM long distance fisheries.

(max 900 words per Region)

Table1A: List of required stocks											
									WP		2017-2109
									WP date of submission		31/10/2016
MS	Reference years	Species	Region	RFMO/RFO/IO	Area / Stock*	Selected for sampling (Y/N)	Average landings in the reference years (tons)	EU TAC (if any) (%)	Share (%) in EU landings	Threshold (Y/N)	Comments
ITA	2013-2015	<i>Aphia minuta</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9,10,16 and 19	Y	23,0	None	45,3	N	Relevant in the Italian GSA 9. In this GSA exists a Management Plan and only length data will be collected. In other GSAs, following the EU Reg. 1967/2006 (Article 9 and 13) it is forbidden fishing <i>Aphia minuta</i> . However, if new management plans will be in place, Italy will collect information accordingly.
ITA	2013-2015	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	2481,6	None	97,7	N	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	638,7	None	37,4	N	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2017
ITA	2013-2015	<i>Atherina</i> spp	Mediterranean Sea and Black Sea	GFCM	GSA 9,10,16 and 19	N	34,0	None	29,7	N	Landing of this species is below the 200 tons. Further, the fishing activity is very scarce, and based on the EU Reg. 1967/2006 (Article 9 and 13) without an ad hoc management plan, dedicated fishing activity it is forbidden. In case, a management plan will be in place, Italy will collect information accordingly.
ITA	2013-2015	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	1.3, 2.1, 2.2, 3.1, 3.2	Y	1265,5	None	35,1	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Coryphaena equiselis</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	N	0,0	None	0	N	Species very rare in the Italian GSA. No catch registered during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Coryphaena hippurus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	Y	785,9	None	63,1	N	Among large pelagics, only for <i>Coryphaena hippurus</i> data should be also provided, when required, at GSA level (i.e. from GFCM)
ITA	2013-2015	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	213,8	None	37,4	N	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected.
ITA	2013-2015	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16 and 19	Y	187	None	None	N	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Appendix 2 of the GFCM-DCRF, 2016.
ITA	2013-2015	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	1.1, 1.3, 2.1, 2.2, 3.1	Y	1898,3	None	49,3	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Eledone moschata</i>	Mediterranean Sea and Black Sea	GFCM	1.3, 2.1, 2.2, 3.1	Y	2717,4	None	77,3	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	33005,8	None	46,9	N	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	2.2, 3.1	Y	23,3	None	38,2	N	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	2013-2015	<i>Illex</i> spp., <i>Todarodes</i> spp.	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	2108,8	None	52,9	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Group of species not present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	2013-2015	Istiophoridae	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	27,2	None	99,1	N	Group of species very scarce all around Italian waters (landing below 30 tons). The main species is <i>Tetrapturus belone</i> catch with different gears (e.g. harpoons, lines etc.). Length data, when available, will be reported annually.
ITA	2013-2015	<i>Loligo vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	1429,4	None	59,5	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species not in the GFCM-DCRF, 2016. Only length data will be collected
ITA	2013-2015	<i>Lophius budegassa</i>	Mediterranean Sea and Black Sea	GFCM	1.1, 1.2, 1.3, 2.2, 3.1	Y	264,3	None	11,3	N	Relevant in the Italian GSA 9, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Lophius piscatorius</i>	Mediterranean Sea and Black Sea	GFCM	1.1, 1.2, 1.3, 2.2, 3.1	Y	451,6	None	40,7	N	Relevant in the Italian GSA 9, 11, 16. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	2013-2015	<i>Merluccius merluccius</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	9165,4	None	53,2	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Micromesistius poutassou</i>	Mediterranean Sea and Black Sea	GFCM	1.1, 3.1	Y	282,0	None	None	N	Relevant in the Italian GSA 9, 11, 18. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	Mugilidae	Mediterranean Sea and Black Sea	GFCM	1.3, 2.1, 2.2, 3.1	Y	1685,9	None	64	N	Relevant in the Italian GSA 9, 10, 17, 18, 19. Group of species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	2013-2015	<i>Mullus barbatus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	5888,5	None	54,9	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Mullus surmuletus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	1687,6	None	42,7	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Nephrops norvegicus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	1615,0	None	57,6	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Octopus vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	2544,8	None	29	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Pagellus bogaraveo</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9 and 10	Y	85	None	None	N	Relevant in the Italian GSA 9 and 10. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Appendix 2 of the GFCM-DCRF, 2016.
ITA	2013-2015	<i>Pagellus erythrinus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	894,2	None	36,6	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Parapenaeus longirostris</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	8358,3	None	73,2	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Penaeus kerathurus</i>	Mediterranean Sea and Black Sea	GFCM	3,1	N	859,0	None	None	N	Not required for the Italian GSA (Table 1A EU Dec 1251/2016 indicate FAO division 3.1)

MS	Reference years	Species	Region	RFMO/RFO/IO	Area / Stock*	Selected for sampling (Y/N)	Average landings in the reference years (tons)	EU TAC (if any) (%)	Share (%) in EU landings	Threshold (Y/N)	Comments
ITA	2013-2015	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	25733,1	None	25,7	N	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Sardinella aurita</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9, 10, 16, 19	Y	371	None	None	N	Relevant in the Italian GSA 9, 10, 16, 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016 but present under G2 in Appendix 2 of the GFCM-DCRF, 2016.
ITA	2013-2015	<i>Scomber</i> spp.	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	2400,9	None	28,3	N	Relevant in the Italian GSA 9, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016. Share in EU landing is given as the two species associated= <i>S. scombrus</i> + <i>S. japonicus</i> (source RCMed&BS LP, 2016). Sampling plan will considered the two species separately= <i>S. scombrus</i> and <i>S. japonicus</i>
ITA	2013-2015	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	5844,4	None	69,6	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	1.2, 2.1, 3.1	Y	1801,1	None	64,6	N	Relevant only in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Sparus aurata</i>	Mediterranean Sea and Black Sea	GFCM	1.2, 3.1	N	698,0	None	None	N	Not required for the Italian GSA (Table 1A EU Dec 1251/2016 indicate FAO divisions 1.2 and 3.1)
ITA	2013-2015	<i>Sphyaena sphyraena</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16 and 19	Y	119,0	None	None	N	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Appendix 2 of the GFCM-DCRF, 2016.
ITA	2013-2015	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	2.1, 3.1, 3.2	Y	282,0	None	None	N	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	1.3, 2.1, 2.2	Y	4991,3	None	80,1	N	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	477,1	None	13,7	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Trachurus trachurus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	2261,1	None	38,9	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	2013-2015	<i>Trigla lucerna</i>	Mediterranean Sea and Black Sea	GFCM	1.3, 2.2, 3.1	Y	206,4	None	96,6	N	Relevant in the Italian GSA 9, 10, 16, 18, 19. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected.
ITA	2013-2015	<i>Trisopterus minutus</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	458,3	None	25,6	N	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	2013-2015	<i>Auxis rochei</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	540	None	None	N	Average landing value should be considered as <i>Auxis</i> genus. The value for the two species separately it is not available
ITA	2013-2015	<i>Auxis thazard</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	540	None	None	N	Average landing value should be considered as <i>Auxis</i> genus. The value for the two species separately it is not available
ITA	2013-2015	<i>Euthynnus alletteratus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	609	None	None	N	
ITA	2013-2015	<i>Sarda sarda</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	1016	None	None	N	
ITA	2013-2015	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	1190	None	None	N	
ITA	2013-2015	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	1808	24,5	None	N	
ITA	2013-2015	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas in the Med	Y	3509	None	None	N	
ITA	2013-2015	<i>Alopias vulpinus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	8,3	None	0,9	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	Carcharhinidae	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Centrophorus granulosus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Centrophorus squamosus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Centrophorus uyato</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Cetorhinus maximus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Dalatis licha</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	Dasyatidae	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	5,1	None	1,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Dasyatis pastinaca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length,without an ad hoc sampling plan. See also comment in the text box 4A

MS	Reference years	Species	Region	RFMO/RFO/IO	Area / Stock*	Selected for sampling (Y/N)	Average landings in the reference years (tons)	EU TAC (if any) (%)	Share (%) in EU landings	Threshold (Y/N)	Comments
ITA	2013-2015	Elasmobranchii	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Etmopterus spinax</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Galeorhinus galeus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	due to the relevance of this species in the bycatch of the GSA 9, 10, 11, <i>G. melastomus</i> will be added to the sampling plan
ITA	2013-2015	<i>Galeus</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	1,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Heptranchias perlo</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	5,2	None	0,6	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Hexanchus griseus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,3	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Isurus oxyrinchus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Lamna nasus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,9	None	1,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Mustelus asterias</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Mustelus mustelus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Mustelus</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Myliobatis aquila</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Oxynotus centrina</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	Y	92,7	None	0,6	N	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan
ITA	2013-2015	<i>Raja alba</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	61,6	None	0,9	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	155,2	None	0,9	N	due to the relevance of this species in the catch composition of the GSA 9 and 11, <i>R. asterias</i> will be added to the sampling plan
ITA	2013-2015	<i>Raja batis</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja brachyura</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja circularis</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	418,4	None	0,7	N	due to the relevance of this species in the catch composition of the GSA 9, 11, 16, 18, <i>R. clavata</i> will be added to the sampling plan
ITA	2013-2015	<i>Raja fullonica</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja melitensis</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja microcellata</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	41,9	None	1,0	N	due to the relevance of this species in the catch composition of the GSA 16, <i>R. miraletus</i> will be added to the sampling plan
ITA	2013-2015	<i>Raja montagui</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	31,2	None	0,5	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A

MS	Reference years	Species	Region	RFMO/RFO/IO	Area / Stock*	Selected for sampling (Y/N)	Average landings in the reference years (tons)	EU TAC (if any) (%)	Share (%) in EU landings	Threshold (Y/N)	Comments
ITA	2013-2015	<i>Raja naevus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja oxyrinchus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja polystigma</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja radula</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Raja undulata</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	Rajidae	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Scylliorhinus canicula</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	153,8	None	0,3	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Scylliorhinus</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Scylliorhinus stellaris</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,8	None	0,9	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Sphyrna</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	2,6	None	1,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	Squalidae	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	Squaliformes	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Squalus acanthias</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Squalus blainville</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Squalus</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	78,4	None	0,8	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Squatina squatina</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Torpedo marmorata</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Torpedo</i> spp.	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	Triakidae	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas in the Med	N	0,0	None	0,0	N	concerning shark, all species will be collected concurrently only for length, without an ad hoc sampling plan. See also comment in the text box 4A
ITA	2013-2015	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Y	17,12	None	None	N	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	2013-2015	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	Y	2,97	None	None	N	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	2013-2015	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Y	14092	None	None	N	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	2013-2015	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Y	346	None	None	N	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	2013-2015	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Y	111,21	None	None	N	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges.

MS	Reference years	Species	Region	RFMO/RFO/IO	Area / Stock*	Selected for sampling (Y/N)	Average landings in the reference years (tons)	EU TAC (if any) (%)	Share (%) in EU landings	Threshold (Y/N)	Comments
ITA	2013-2015	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	Y	70,74	None	None	N	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges.
ITA	2013-2015	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Y	61,62	None	None	N	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges.
ITA	2013-2015	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	N	41,02	None	None	N	
ITA	2013-2015	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	N	0	None	None	N	
ITA	2013-2015	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	N	0	None	None	N	
ITA	2013-2015	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Y	1257	None	None	N	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges.
ITA	2013-2015	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	N	17,82	None	None	N	
ITA	2013-2015	<i>Anguilla anguilla</i>	Mediterranean Sea and Black Sea	GFCM	all areas in the Med	Y	26,2	None	8,5	N	
ITA	2013-2015	<i>Thunnus albacares</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Thunnus obesus</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Katsuwonus pelamis</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Makaira nigricans</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Tetrapturus albidus</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Thunnus atlanticus</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Oncorhynchus mykiss</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Scomberomorus brasiliensis</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Scomberomorus regalis</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Scomberomorus tritor</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Scomberomorus cavalla</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Scomberomorus maculatus</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.
ITA	2013-2015	<i>Acanthocybium solandri</i>	Mediterranean Sea and Black Sea	ICCAT	Atlantic Ocean and adjacent seas	N	0	None	None	N	Species not present or with a not confirmed presence in the Mediterranean. No catch of this species have been recorded during last years. The species will not be inserted in the sampling plan but, in case, information will be collected.

[illegible]

MS	Species	Region	RFMO/RFO/IO	Area / Stock	Frequency	Length			Age			Weight			Sex ratio			Sexual			Fecundity			Comments
						##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	
ITA	<i>Mullus surmuletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Nephrops norvegicus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X				X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Octopus vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Pagellus erythrinus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Parapenaeus longirostris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X				X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trachurus trachurus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Eledone moschata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Illex spp. Todarodes spp.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Loligo vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Lophius budegassa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Lophius piscatorius</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Merluccius merluccius</i>																							

MS	Species	Region	RFMO/RFO/IO	Area / Stock	Frequency	Length			Age			Weight			Sex ratio			Sexual			Fecundity			Comments
						##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	
ITA	<i>Trigla lucerna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X															Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	Q	X	X	X															Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X			X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X															Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X						X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Eledone moschata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X						X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Illex spp. Todarodes spp.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X															Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Loligo vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X															Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Merluccius merluccius</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Mugilidae</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X															Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Mullus barbatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Mullus surmuletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Nephrops norvegicus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X				X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Octopus vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X						X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Pagellus erythrinus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X			X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Parapenaeus longirostris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X				X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Scomber japonicus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X			X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Scomber scombrus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X			X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X						X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X			X				X			X		Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP	

MS	Species	Region	RFMO/RFO/IO	Area / Stock	Frequency	Length			Age			Weight			Sex ratio			Sexual			Fecundity			Comments
						##	###	####	##	###	####	##	###	####	##	###	####	##	###	####	##	###	####	
ITA	<i>Merluccius merluccius</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Micromesistius pouassou</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X			X			X			X			X		X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	Mugilidae	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Mullus barbatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Mullus surmuletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Nephrops norvegicus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X				X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Octopus vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Pagellus erythrinus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Parapenaeus longirostris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X				X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Scomber japonicus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Scomber scombrus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X		X			X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X				X			X			X				X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X			X			X			X			X		X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X				X			X			X				X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X			X			X			X			X		X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trachurus trachurus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X			X			X			X			X		X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trigla lucerna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016

MS	Species	Region	RFMO/RFO/IO	Area / Stock	Frequency	Length			Age			Weight			Sex ratio			Sexual			Fecundity			Comments
						##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	
ITA	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Sardinella aurita</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Scomber japonicus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trachurus trachurus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Trigla lucerna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aphia minuta</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Eledone moschata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X					X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Illex spp. Todarodes spp.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Loligo vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X															Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Lophius budegassa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X			X		X			X			X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)
ITA	<i>Lophius piscatorius</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X																		

MS	Species	Region	RFMO/RFO/IO	Area / Stock	Frequency	Length			Age			Weight			Sex ratio			Sexual			Fecundity			Comments
						###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	
ITA	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X					X			X		X				Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X			X		X			X		X				Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Trachurus trachurus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X			X		X			X		X			X	Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Trigla lucema</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X														Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X														Not applicable	Frequency agreed at Regional level (see agreement n. 3 "Sampling Intensity for biological variables" RCMMed&BS-LP, 2016 report)	
ITA	<i>Auxis rochei</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X					X									Not applicable	Frequency agreed at Regional level (see updated table in the RCM MED&BS-LP report 2016)	
ITA	<i>Auxis thazard</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X														Not applicable	Frequency agreed at Regional level (see updated table in the RCM MED&BS-LP report 2016)	
ITA	<i>Coryphaena hippurus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	A	X	X	X														Not applicable	Among large pelagics, only for <i>Coryphaena hippurus</i> data should be also provided at GSA level (as required by GFCM)	
ITA	<i>Euthynnus alleteratus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X					X									Not applicable	Frequency agreed at Regional level (see updated table in the RCM MED&BS-LP report 2016)	
ITA	<i>Sarda sarda</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X					X									Not applicable	Frequency agreed at Regional level (see updated table in the RCM MED&BS-LP report 2016)	
ITA	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X			X		X			X		X			X	Not applicable	Frequency agreed at Regional level (see updated table in the RCM MED&BS-LP report 2016)	
ITA	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X	X	X	X		X			X		X			X	Not applicable	Age data for <i>T. thynnus</i> could pose some problems related to the difficulties of obtaining otoliths or dorsal fins from the identified specimens. Removing them without damaging the fish and hence affecting its market value, make very difficult to obtain those hard structure from certain fisheries.	
ITA	Istiophoridae	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X														Not applicable	Frequency not agreed at Regional level, length data will be collected yearly	
ITA	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	A	X	X	X			X		X			X		X			X	Not applicable	Frequency agreed at Regional level (see updated table in the RCM MED&BS-LP report 2016)	
ITA	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	GSA 9, 10, 11	Q	X	X	X			X		X			X		X			X	Not applicable	As reported both in table 1A and in the text, for this shark species has been foreseen sampling activity	
ITA	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	GSA 9, 11	Q	X	X	X			X		X			X		X			X	Not applicable	As reported both in table 1A and in the text, for this shark species has been foreseen sampling activity	
ITA	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	GSA 9, 11, 16, 18	Q	X	X	X			X		X			X		X			X	Not applicable	As reported both in table 1A and in the text, for this shark species has been foreseen sampling activity	
ITA	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	GSA 16	Q	X	X	X			X		X			X		X			X	Not applicable	As reported both in table 1A and in the text, for this shark species has been foreseen sampling activity	
ITA	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X			X	X	X	X			X				X	Not applicable	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>	
ITA	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	Q	X	X	X			X	X	X	X			X				X	Not applicable	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>	
ITA	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X	X	X	X	X	X	X	X	X	X	X	Not applicable	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>	
ITA	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	Q	X	X	X			X	X	X	X	X	X	X	X	X	X	X	Not applicable	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>	
ITA	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	Q	X	X	X			X	X	X	X			X				X	Not applicable	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place	
ITA	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	Q	X	X	X			X	X	X	X			X				X	Not applicable	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place	
ITA	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X	X	X	X			X				X	Not applicable	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place	
ITA	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	Q	X	X	X			X	X	X	X	X	X	X	X	X	X	X	Not applicable	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place	
ITA	<i>Anguilla anguilla</i>	Mediterranean Sea and Black Sea	GFCM	all areas	A	X	X	X			X		X			X					X	Not applicable		
ITA	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	A	X	X	X					X			X					X	Not applicable	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan. Biological parameters (weight, sex, maturity) will be reported every three years	

Table 1C: Sampling intensity for biological variables

									WP		2017-2019
									WP date of submission		31/10/2016
MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2017	<i>Aphia minuta</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	1000	NA	Relevant in the Italian GSA 9, where a Management Plan is in place. Only length data will be collected. In other GSAs, following the EU Reg. 1967/2006 (Article 9 and 13) it is forbidden fishing <i>Aphia minuta</i> . However, if new management plans will be in place, Italy will collect information accordingly.
ITA	ITA	2018	<i>Aphia minuta</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	1000	NA	Relevant in the Italian GSA 9, where a Management Plan is in place. Only length data will be collected. In other GSAs, following the EU Reg. 1967/2006 (Article 9 and 13) it is forbidden fishing <i>Aphia minuta</i> . However, if new management plans will be in place, Italy will collect information accordingly.
ITA	ITA	2019	<i>Aphia minuta</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	1000	NA	Relevant in the Italian GSA 9, where a Management Plan is in place. Only length data will be collected. In other GSAs, following the EU Reg. 1967/2006 (Article 9 and 13) it is forbidden fishing <i>Aphia minuta</i> . However, if new management plans will be in place, Italy will collect information accordingly.
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial + Surveys	750	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	3500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	3500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	3500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial + Surveys	730	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	maturity	Commercial + Surveys	1000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	1300	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial + Surveys	1300	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	1300	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	1300	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial + Surveys	700	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	700	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	maturity	Commercial + Surveys	750	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	weight	Commercial	800	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristaeomorpha foliacea</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	sex-ratio	Commercial	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016

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MS	MS participating in sampling	Samplin g year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2018	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	5000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	5000	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial + Surveys	780	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial + Surveys	960	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial + Surveys	1100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Aristeus antennatus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2017	<i>Auxis rochei</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Auxis rochei</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	weight	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Auxis rochei</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Auxis rochei</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2017	<i>Auxis thazard</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Auxis thazard</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Auxis thazard</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	300	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	600	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	600	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	600	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	maturity	Commercial	90	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	age	Commercial	160	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial	160	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	480	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	480	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	480	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Boops boops</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	age	Commercial	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016

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MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2017	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2018	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2018	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2018	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2018	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2019	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2019	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2019	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2019	<i>Callista chione</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges. For which managmen plans are in place
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	240	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	240	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	240	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	4800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	4800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to Chamelea gallina

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	4800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	4800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	age	Commercial	1440	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	4800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	4800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1600	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	1600	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1600	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	1600	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	age	Commercial	480	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1600	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	1600	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2017	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2018	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial	240	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial	240	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial	240	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA	2019	<i>Chamelea gallina</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	800	NA	Veneridae as in Table 1A of the EU Dec 1251/2016 refers to <i>Chamelea gallina</i>
ITA	ITA-MLT	2017	<i>Coryphaena hippurus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	length	commercial	969	NA	Among large pelagics, only for <i>Coryphaena hippurus</i> data should be also provided at GSA level (as required by GFCM)
ITA	ITA-MLT	2018	<i>Coryphaena hippurus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	length	commercial	969	NA	Among large pelagics, only for <i>Coryphaena hippurus</i> data should be also provided at GSA level (as required by GFCM)
ITA	ITA-MLT	2019	<i>Coryphaena hippurus</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	length	commercial	969	NA	Among large pelagics, only for <i>Coryphaena hippurus</i> data should be also provided at GSA level (as required by GFCM)
ITA	ITA	2017	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	50	NA	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2018	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	50	NA	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2019	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	50	NA	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2017	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	50	NA	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected

MS	MS participating in sampling	Samplin g year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2018	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	50	NA	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected.
ITA	ITA	2019	<i>Dicentrarchus labrax</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	50	NA	Relevant in GSA 9 and 17. Not present in the GFCM-DCRF, 2016. Only length data will be collected.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	age	Commercial	200	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	maturity	Commercial	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	sex-ratio	Commercial	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	weight	Commercial	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	700	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	700	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Diplodus annularis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	700	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial + Surveys	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	maturity	Commercial	70	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial	95	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial	130	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	370	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	370	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	370	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Eledone cirrhosa</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.

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MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2017	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	7800	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	7800	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	7800	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial	1200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial	1200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Engraulis encrasicolus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial	1350	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2018	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2018	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	240	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	240	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	240	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2017	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2017	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2018	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	age	Commercial	480	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2017	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2017	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2018	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	1600	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial	240	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial	240	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial	240	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2017	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2017	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2018	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/O	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2018	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ITA	2019	<i>Ensis minor</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	800	NA	This species is not present in any tables of the EU Dec 1251/2016, but, in this GSA, it represents an important component of the catch fraction of hydraulic dredges, for which management plans are in place
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Euthynnus alletteratus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Euthynnus alletteratus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	weight	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Euthynnus alletteratus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Euthynnus alletteratus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	100	NA	
ITA	ITA	2017	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Surveys	100	NA	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2018	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Surveys	100	NA	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2019	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Surveys	100	NA	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2017	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	300	NA	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2018	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	300	NA	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2019	<i>Eutrigla gurnardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	300	NA	Relevant in the Italian GSA 16 and 18. Species non present in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2017	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial + Surveys	400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	1000	NA	
ITA	ITA	2018	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial + Surveys	400	NA	
ITA	ITA	2017	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	maturity	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	age	Commercial + Surveys	250	NA	
ITA	ITA	2018	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial + Surveys	250	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial + Surveys	1000	NA	
ITA	ITA	2017	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial + Surveys	1400	NA	
ITA	ITA	2019	<i>Galeus melastomus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial + Surveys	250	NA	

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MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFMO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	age	Commercial + Surveys	50	NA	
ITA	ITA	2018	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial + Surveys	50	NA	
ITA	ITA	2017	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	100	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial + Surveys	50	NA	
ITA	ITA	2018	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	100	NA	
ITA	ITA	2019	<i>Raja asterias</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	age	Commercial	50	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	maturity	Commercial + Surveys	100	NA	
ITA	ITA	2017	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	200	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial + Surveys	200	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial + Surveys	200	NA	
ITA	ITA	2018	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	200	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	200	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Commercial + Surveys	1000	NA	
ITA	ITA	2017	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Commercial + Surveys	1000	NA	
ITA	ITA	2018	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	age	Commercial	100	NA	
ITA	ITA	2017	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	100	NA	
ITA	ITA	2018	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial + Surveys	50	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial + Surveys	50	NA	
ITA	ITA	2017	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	100	NA	

MS	MS participating in sampling	Samplin g year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	age	Commercial + Surveys	50	NA	
ITA	ITA	2018	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	100	NA	
ITA	ITA	2019	<i>Raja clavata</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	100	NA	
ITA	ITA	2019	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Commercial + Surveys	1000	NA	
ITA	ITA	2017	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Commercial + Surveys	1000	NA	
ITA	ITA	2018	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1000	NA	
ITA	ITA	2019	<i>Raja miraletus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1000	NA	
ITA	ESP-FRA-ITA-MTL- SLO-CYP-GRE	2017	<i>Sarda sarda</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	148	NA	
ITA	ESP-FRA-ITA-MTL- SLO-CYP-GRE	2019	<i>Sarda sarda</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	weight	commercial	50	NA	
ITA	ESP-FRA-ITA-MTL- SLO-CYP-GRE	2018	<i>Sarda sarda</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	148	NA	
ITA	ESP-FRA-ITA-MTL- SLO-CYP-GRE	2019	<i>Sarda sarda</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	148	NA	
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Commercial + Surveys	2000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G1 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sardina pilchardus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16</					

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MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2017	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	maturity	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	sex-ratio	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	weight	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial	60	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial	60	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	60	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	350	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	350	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sepia officinalis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	350	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	age	Commercial	300	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	300	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	300	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	300	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	6600	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	6600	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Solea vulgaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	6600	NA	Relevant in the Italian GSA 17. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Surveys	50	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	age	Commercial	200	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	maturity	Commercial	200	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyræna sphyræna</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	sex-ratio	Commercial	200	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2019	<i>Sphyraena sphyraena</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	weight	Commercial	200	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Sphyraena sphyraena</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Sphyraena sphyraena</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Sphyraena sphyraena</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	300	NA	Relevant in the Italian GSA 16 and 19. Species not requested in the Italian GSA on the basis of EU Dec 1251/2016, but present under G2 in Annex 2 of the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	age	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	100	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	age	Commercial	150	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial + Surveys	500	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	500	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	500	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	600	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	600	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	600	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	age	Commercial	150	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	maturity	Commercial + Surveys	200	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	sex-ratio	Commercial	200	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	weight	Commercial	200	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	300	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	300	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Spicara smaris</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	300	NA	Relevant in the Italian GSA 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial + Surveys	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2018	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	weight	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	9200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	9200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	9200	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	weight	Commercial	2000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	maturity	Commercial + Surveys	3000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	sex-ratio	Commercial	3000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	5000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	5000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	5000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	weight	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	maturity	Commercial + Surveys	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	sex-ratio	Commercial	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	2000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	2000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 19	length	Commercial	2000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	maturity	Commercial	300	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	weight	Commercial	300	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	sex-ratio	Commercial	900	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2017	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2018	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ITA	2019	<i>Squilla mantis</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1000	NA	Relevant in the Italian GSA 9, 10, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016.
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2017	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	265	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	weight	commercial	164	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	sex-ratio	commercial	164	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	maturity	commercial	164	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	age	commercial	24	NA	RCMMed&BS-LP 2016 suggested 20 specimens every 1000 tons (values reported in Table 1A)
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	265	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus alalunga</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	265	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2017	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	1196	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	weight	commercial	184	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	sex-ratio	commercial	184	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	maturity	commercial	184	NA	

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2017	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	age	commercial	72	NA	Age data for <i>T. thynnus</i> could pose some problems related to the difficulties of obtaining otoliths or dorsal fins from the identified specimens. Removing them without damaging the fish and hence affecting its market value, make very difficult to obtain those hard structure from certain fisheries. RCMMed&BS-LP 2016 suggested 40 specimens every 1000 tons (values reported in Table 1A)
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	1196	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	1196	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	age	commercial	72	NA	Age data for <i>T. thynnus</i> could pose some problems related to the difficulties of obtaining otoliths or dorsal fins from the identified specimens. Removing them without damaging the fish and hence affecting its market value, make very difficult to obtain those hard structure from certain fisheries. RCMMed&BS-LP 2016 suggested 40 specimens every 1000 tons (values reported in Table 1A)
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Thunnus thynnus</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	age	commercial	72	NA	Age data for <i>T. thynnus</i> could pose some problems related to the difficulties of obtaining otoliths or dorsal fins from the identified specimens. Removing them without damaging the fish and hence affecting its market value, make very difficult to obtain those hard structure from certain fisheries. RCMMed&BS-LP 2016 suggested 40 specimens every 1000 tons (values reported in Table 1A)
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	age	Commercial	300	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	maturity	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	sex-ratio	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	weight	Commercial	400	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 10	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	age	Commercial	50	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	maturity	Commercial + Surveys	50	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	sex-ratio	Commercial + Surveys	50	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	weight	Commercial + Surveys	50	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 11	length	Commercial + Surveys	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	age	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2017	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	maturity	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	sex-ratio	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	weight	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2018	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 16	length	Commercial + Surveys	1500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	age	Commercial	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	maturity	Commercial	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016
ITA	ITA	2019	<i>Trachurus mediterraneus</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	sex-ratio	Commercial	100	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18, 19. Species considered as G2 in the GFCM-DCRF, 2016

[illegible]

[illegible]

[illegible]

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2018	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2019	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 17	length	Commercial	200	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2017	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2018	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2019	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 18	length	Commercial	500	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2017	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1600	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2018	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1600	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ITA	2019	<i>Trisopterus minutus c.</i>	Mediterranean Sea and Black Sea	GFCM	GSA 9	length	Commercial + Surveys	1600	NA	Relevant in the Italian GSA 9, 10, 11, 16, 17, 18. Species not considered in the GFCM-DCRF, 2016. Only length data will be collected
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2017	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	695	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	weight	commercial	460	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	sex-ratio	commercial	460	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	maturity	commercial	460	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	age	commercial	460	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2018	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	695	NA	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE	2019	<i>Xiphias gladius</i>	Mediterranean Sea and Black Sea	ICCAT	all areas	length	commercial	695	NA	
ITA	ITA	2017	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	length	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2017	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	sex	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2017	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	maturity	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2017	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	age	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2017	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	weight	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2018	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	length	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2018	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	sex	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFO/IO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2018	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	maturity	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2018	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	age	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2018	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	weight	Commercial	0	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2019	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	length	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2019	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	sex	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2019	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	maturity	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2019	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	age	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2019	<i>Anguilla anguilla</i>	Mar Mediterraneo	GFCM	Italy (3 EMUs)	weight	Commercial	60	NA	Italy is aware that an important process of methodological set up and harmonization is under way at the European level (ICES/GFCM WGEEL, 2016). Italy will develop as soon as possible a monitoring scheme taking into account recent developments.
ITA	ITA	2019	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	maturity	Commercial + Surveys	NA	NA	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan. Biological parameters (weight, sex, maturity) will be reported every three years. Due to the fact that this species is considered as incidental catch, any number in the sampling activity could not be planned in advance
ITA	ITA	2019	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	weight	Commercial + Surveys	NA	NA	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan. Biological parameters (weight, sex, maturity) will be reported every three years. Due to the fact that this species is considered as incidental catch, any number in the sampling activity could not be planned in advance
ITA	ITA	2019	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	sex-ratio	Commercial + Surveys	NA	NA	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan. Biological parameters (weight, sex, maturity) will be reported every three years. Due to the fact that this species is considered as incidental catch, any number in the sampling activity could not be planned in advance
ITA	ITA	2017	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	length	Commercial + Surveys	NA	NA	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan. Biological parameters (weight, sex, maturity) will be reported every three years. Due to the fact that this species is considered as incidental catch, any number in the sampling activity could not be planned in advance
ITA	ITA	2018	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	length	Commercial + Surveys	NA	NA	as requested by the DGMARE, due to the relevance in the bycatch of the longline targeting swordfish, this species has been added to the sampling plan. Biological parameters (weight, sex, maturity) will be reported every three years. Due to the fact that this species is considered as incidental catch, any number in the sampling activity could not be planned in advance

MS	MS participating in sampling	Sampling year	Species	Region	RFMO/RFIO	Area / Stock	Variables	Data sources	Planned minimum no of individuals to be measured at the national level	Planned minimum no of individuals to be measured at the regional level	Comments
ITA	ITA	2019	<i>Prionace glauca</i>	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	length	Commercial + Surveys	NA	NA	as requested by the DGMARE, due to the relevance in the bycatch of the longline targetting swordfish, this species has been added to the sampling plan. Biological parameters (weigh, sex, maturity) will be reported every three years. Due to the fact that this species is considered as incidental catch, any number in the sampling activity could not be planned in advance

Table 1D: Recreational fisheries

											WP	2017-2019
											WP date of submission	31/10/2016
MS	Sampling year	Area/EMU	RFMO/RFQ/O	Species	Applicable (Species present in the MS?)	Reasons for not sampling	Threshold (Y/N)	Annual estimate of catch? (Y/N)	Annual percentage of released catch? (Y/N)	Collection of catch composition data? (Y/N)	Type of Survey	Comments
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	Pelagic elasmobranchs	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	Demersal elasmobranchs	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Group of species rarely caught by recreational activities. Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Thunnus thynnus</i>	Y	N	N	Y	N	Y	Questionnaires, Telephone surveys	Annual catch is officially determined in the framework of the national quota
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Thunnus alalunga</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Xiphias gladius</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Species rarely caught by recreational activities. Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Sarda sarda</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Auxis rochei</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Species rarely caught by recreational activities. Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Euthynnus alletteratus</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT	<i>Auxis thazard</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Species rarely caught by recreational activities. Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	<i>Coryphaena hippurus</i>	Y	N	N	Y	N	N	Questionnaires, Telephone surveys	Surveys will be conducted utilizing also a sampling strategy based on a panel of anglers, thereafter sample data will be extrapolated to the whole "universe". The universe will be the official one as provided by the Italian Ministry of Agricultural, Food and Forestry Policies. Estimation will be based on the availability of this reference universe.
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	<i>Anguilla anguilla</i>	Y		N	Y	N	N	Questionnaires, Interviews	Biological samplings for recreational fisheries at the present moment cannot be performed because of the features of this fishing activity. Recreational fisheries for eel are in fact too random in time and too scattered on the territory. Hence, surveys are carried out by means of questionnaires and interviews mediated by anglers associations, without direct contacts with anglers on the field.

Table 1E: Anadromous and catadromous species data collection in fresh water

MS	Sampling period	Area	RFMO/RFO/IO	Species	Applicable (Y/N)	Reasons for not sampling	Water Body
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Anguilla anguilla	Y	NA	Estuary/low river stretch
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Anguilla anguilla	Y	NA	Estuary/low river stretch
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Anguilla anguilla	Y	NA	Estuary/low river stretch
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Anguilla anguilla	Y	NA	coastal lagoon
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Anguilla anguilla	Y	NA	coastal lagoon
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Anguilla anguilla	Y	NA	coastal lagoon

					WP	2017-2019
					WP date of submission	31/10/2016
Life stage	Fishery / Independent data collection	Method	Unit	Planned nos	Frequency	Comments
glass eel	Indipendent data collection	fyke net/glass trap	NA	NA	Annually	pilot study in a first EMU
yellow eel	Indipendent data collection	fyke nets	NA	NA	Annually	pilot study in a first EMU
silver eel	Indipendent data collection	fyke nets/permanent traps	NA	NA	Annually	pilot study in a first EMU
glass eel	Indipendent data collection	fyke net/glass trap	NA	NA	Annually	pilot study in a second EMU
yellow eel	Indipendent data collection	fyke nets	NA	NA	Annually	pilot study in a second EMU
silver eel	Indipendent data collection	fyke nets/permanent traps	NA	NA	Annually	pilot study in a second EMU

Table 1F: Incidental by-catch of birds, mammals, reptiles and fish							WP		2017-2019
							WP date of submission		31/10/2016
MS	Sampling period/year(s)	Region	RFMO/RFO/O	Sub-area / Fishing ground	Scheme	Stratum ID code	Group of vulnerable species	Expected occurrence of recordings	Comments
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_PTM_SPF_>=20_0_0	mammals	X	To monitor incidental catch, we will use observers on board required for the collection of biological data. In addition, since 2006, Italy is carrying out an ad hoc program for this metier (in compliance with European Regulation 812/2004), mainly focused on monitoring the interaction of mammals and sea turtles with this fishing activity.
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_PTM_SPF_>=20_0_0	reptiles	X	To monitor incidental catch, we will use observers on board required for the collection of biological data. In addition, since 2006, Italy is carrying out an ad hoc program for this metier (in compliance with European Regulation 812/2004), mainly focused on monitoring the interaction of mammals and sea turtles with this fishing activity.
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_PTM_SPF_>=20_0_0	elasmobranchs and fish protected under Union legislation and international agreements	X	To monitor incidental catch, we will use observers on board required for the collection of biological data. In addition, since 2006, Italy is carrying out an ad hoc program for this metier (in compliance with European Regulation 812/2004), mainly focused on monitoring the interaction of mammals and sea turtles with this fishing activity.
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_PTM_SPF_>=20_0_0	birds	X	To monitor incidental catch, we will use observers on board required for the collection of biological data. In addition, since 2006, Italy is carrying out an ad hoc program for this metier (in compliance with European Regulation 812/2004), mainly focused on monitoring the interaction of mammals and sea turtles with this fishing activity.
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_LLD_LPF_0_0_0	elasmobranchs and fish protected under Union legislation and international agreements	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_LLD_LPF_0_0_0	birds	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_LLD_LPF_0_0_0	mammals	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_LLD_LPF_0_0_0	reptiles	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_PS_LPF_0_0_0	elasmobranchs and fish protected under Union legislation and international agreements	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_PS_LPF_0_0_0	birds	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_PS_LPF_0_0_0	mammals	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_PS_LPF_0_0_0	reptiles	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_PS_SPF_>=14_0_0	birds	X	To monitor incidental catch, we will use interview with fishermen, self-reporting etc. and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_PS_SPF_>=14_0_0	mammals	X	To monitor incidental catch, we will use interview with fishermen, self-reporting etc. and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_PS_SPF_>=14_0_0	reptiles	X	To monitor incidental catch, we will use interview with fishermen, self-reporting etc. and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_PS_SPF_>=14_0_0	elasmobranchs and fish protected under Union legislation and international agreements	X	To monitor incidental catch, we will use interview with fishermen, self-reporting etc. and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at sea, at landing and at market	GSA 10_OTB_DES_>=40_0_0	birds	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017

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MS	Samplingperiod/year(s)	Region	RFMO/RFO/IO	Sub-area / Fishing ground	Scheme	Stratum ID code	Group of vulnerable species	Expected occurrence of recordings	Comments
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at sea, at landing and at market	GSA 9_DRB_MOL_0_0_0	birds	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017
ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at sea, at landing and at market	GSA 9_DRB_MOL_0_0_0	mammals	X	To monitor incidental catch, we will use observers on board required for the collection of biological data and starting from 2018 Italy will perform pilot studies on selected metier, as identified by RCMMed&BS-LP 2017

Table 1G: List of research surveys at sea

														WP		2017-2019
														WP date of submission		31/10/2016
MS	Name of survey	Acronym	Mandatory (Y/N)	Threshold (Y/N)	Agreed at RCG level	MS participation	Area(s) covered	Period (Month)	Frequency	Days at sea planned	Type of sampling activities	Planned target	Map	Relevant international planning group - RFMO/RFQ/IO	International database	Comments
ITA	International bottom trawl survey the Mediterranean	MEDITS	Y	N	Y	ITA, SLO (C), MTL (C), HRV (C), FRA (C), ESP (C), CYP (C), GRE (C),	GSA 9, 10, 11, 16, 17, 18, 19	May-August	Annual	196	Fish Hauls	670	Fig. a	Medits Coordination Meeting / NA	Fishtrawl, an international database, has been designed and is available for common use	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Y	N	Y	ITA, SLO (C), HRV (C), FRA (C), ESP (C), GRE (C),	GSA 9, 10, 16, 17, 18	June-August	Annual	81	Fish Hauls	105	Fig. b,c,d	MEDIAS Steering Committee meeting / NA	Not available. The MEDIAS Steering Committee is currently working towards establishing an international database. Till now the fields to include in such a database were discussed. Medias data are currently uploaded in the JRC database.	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Y	N	Y	ITA, SLO (C), HRV (C), FRA (C), ESP (C), GRE (C),	GSA 9, 10, 16, 17, 18	June-August	Annual	81	Echo Nm	4800	Fig. b,c,d	MEDIAS Steering Committee meeting / NA	Not available. The MEDIAS Steering Committee is currently working towards establishing an international database. Till now the fields to include in such a database were discussed. Medias data are currently uploaded in the JRC database.	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Y	N	Y	ITA, SLO (C), HRV (C), FRA (C), ESP (C), GRE (C),	GSA 9, 10, 16, 17, 18	June-August	Annual	81	CTD sampling	370	Fig. b,c,d	MEDIAS Steering Committee meeting / NA	Not available. The MEDIAS Steering Committee is currently working towards establishing an international database. Till now the fields to include in such a database were discussed. Medias data are currently uploaded in the JRC database.	
ITA	Adriatic Rapido Trawl Survey	SoleMon	N	N	Y	ITA, SLO (C), HRV (C),	GSA 17	November - December	Annual	23	Fish Hauls	66	Fig. e	GFCM / ICES WGBEAM	Atris (Adriamed Trawl Survey database)	
ITA	Adriatic Rapido Trawl Survey	SoleMon	N	N	Y	ITA, SLO (C), HRV (C),	GSA 17	November - December	Annual	23	Conductivity Temperature Density (CTD)	66	Fig. e	GFCM / ICES WGBEAM	Atris (Adriamed Trawl Survey database)	
ITA	Adriatic Rapido Trawl Survey	SoleMon	N	N	Y	ITA, SLO (C), HRV (C),	GSA 17	November - December	Annual	23	Benthos in the trawl	66	Fig. e	GFCM / ICES WGBEAM	Atris (Adriamed Trawl Survey database)	

Table 1H: Research survey data collection and dissemination

			WP			2017-2019
			WP date of submission			31/10/2016
MS	Name of survey	Acronym	Type of data collected	Core/ Additional variable	Used as basis for advice (Y/N)	Comments
ITA	International bottom trawl survey the Mediterranean	MEDITS	Biological data (i.e. length, sex, maturity, weight and age) for a pool of demersal species*	C	Y	The full list of species is present in the "MEDITS-Handbook. Version n. 8, 2016, MEDITS Working Group: 177 pp" (http://www.sibm.it/MEDITS%202011/principaledownload.htm)
ITA	International bottom trawl survey the Mediterranean	MEDITS	Environmental parameters (temperature)	C	N	
ITA	International bottom trawl survey the Mediterranean	MEDITS	Collection of data on Marine Litters	A	N	
ITA	International bottom trawl survey the Mediterranean	MEDITS	Vulnerable species observations	A	N	
ITA	International bottom trawl survey the Mediterranean	MEDITS	Benthic species larger than 1 cm	A	N	Taxonomic list, see "MEDITS-Handbook. Version n. 8, 2016, MEDITS Working Group: 177 pp" (http://www.sibm.it/MEDITS%202011/principaledownload.htm)
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Acoustic/biological data for Anchovy	C	Y	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Acoustic/biological data for Sardine	C	Y	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Acoustic/biological data for Mackerel	A	N	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Acoustic/biological data for Horse Mackerel	A	N	
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	CTD by Haul and by Predetermined Station	C	N	Used to update echosounder parameters and to know more on the environment
ITA	Pan Mediterranean Acoustic Survey	MEDIAS	Marine Mammal observations	A	N	Occasional
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Sole GSA 17	C	Y	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Plaice GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Turbot GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Brill GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Thornback ray GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Mediterranean starry ray GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Cuttlefish GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for European hake GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Red mullet GSA 17	C	N	

MS	Name of survey	Acronym	Type of data collected	Core/ Additional variable	Used as basis for advice (Y/N)	Comments
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Camerote prawn GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Spottail mantis squillid GSA 17	C	Y	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Great Mediterranean scallop GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Biological data for Queen scallop GSA 17	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	CTD by Haul	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Litter items in the trawl	C	N	
ITA	Adriatic Rapido Trawl Survey	SoleMon	Benthos in the trawl	C	N	

Table 2A: Fishing activity variables data collection strategy

MS	Supra region	Region	Variable Group	Fishing technique	Length class	Metiers (level 6)	Data collected under control regulation appropriate for scientific use (Y/N/I)	Type of data collected under control regulation used to calculate the estimates	Expected coverage of data collected under control regulation (% of fishing trips)
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Capacity	Demersal trawlers and/or demersal seiners	6-< 12 m	All metiers	Y	Fleet register	100
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Capacity	vessels using Polyvalent "passive" gears only	6-< 12 m	All metiers	Y	Fleet register	100
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Capacity	vessels using active and passive gears	6-< 12 m	All metiers	Y	Fleet register	100
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Landings	Demersal trawlers and/or demersal seiners	6-< 12 m	All metiers	I	Logbooks, landing declarations, sales notes	26%
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Landings	vessels using Polyvalent "passive" gears only	6-< 12 m	All metiers	I	Logbooks, landing declarations, sales notes	9%
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Landings	vessels using active and passive gears	6-< 12 m	All metiers	I	Logbooks, landing declarations, sales notes	33%
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Effort	Demersal trawlers and/or demersal seiners	6-< 12 m	All metiers	I	Logbook, VMS	26%
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Effort	vessels using Polyvalent "passive" gears only	6-< 12 m	All metiers	I	Logbook, VMS	9%
ITA	Mediterranean Sea and Black Sea	Mediterranean Sea and Black Sea	Effort	vessels using active and passive gears	6-< 12 m	All metiers	I	Logbook, VMS	33%

					WP	2017-2019
					WP date of submission	31/10/2016
Variable Group	Fishing technique	Length class	Additional data collection (Y/N)	Data collection scheme	Planned coverage of data collected under complementary data collection (% of fishing trips)	Comments
Capacity	Demersal trawlers and/or demersal seiners	6-< 12 m	N	None	0%	Collected under Reg. 26/2004 on the Community fishing fleet register
Capacity	vessels using Polyvalent "passive" gears only	6-< 12 m	N	None	0%	Collected under Reg. 26/2004 on the Community fishing fleet register
Capacity	vessels using active and passive gears	6-< 12 m	N	None	0%	Collected under Reg. 26/2004 on the Community fishing fleet register
Landings	Demersal trawlers and/or demersal seiners	6-< 12 m	Y	probability sampling survey	26%	Planned coverage of data collected under complementary data collection reported as % of vessels (see RCM MED&BS rec.)
Landings	vessels using Polyvalent "passive" gears only	6-< 12 m	Y	probability sampling survey	9%	Planned coverage of data collected under complementary data collection reported as % of vessels (see RCM MED&BS rec.)
Landings	vessels using active and passive gears	6-< 12 m	Y	probability sampling survey	33%	Planned coverage of data collected under complementary data collection reported as % of vessels (see RCM MED&BS rec.)
Effort	Demersal trawlers and/or demersal seiners	6-< 12 m	Y	probability sampling survey	26%	including Length of nets, Number of hooks, Number of lines, Numbers of pots, traps, as agreed by RCM MED&BS 2016 Planned coverage of data collected under complementary data collection reported as % of vessels (see RCM MED&BS rec.)
Effort	vessels using Polyvalent "passive" gears only	6-< 12 m	Y	probability sampling survey	9%	including Length of nets, Number of hooks, Number of lines, Numbers of pots, traps, as agreed by RCM MED&BS 2016 Planned coverage of data collected under complementary data collection reported as % of vessels (see RCM MED&BS rec.)
Effort	vessels using active and passive gears	6-< 12 m	Y	probability sampling survey	33%	including Length of nets, Number of hooks, Number of lines, Numbers of pots, traps, as agreed by RCM MED&BS 2016 Planned coverage of data collected under complementary data collection reported as % of vessels (see RCM MED&BS rec.)

Table 3A: Population segments for collection of economic and social data for fisheries

									WP	2017-2019
									date of submit	31/10/2016
MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	none	Annual	0%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	13%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	10%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks *	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	15%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	8%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	9%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	19%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	33%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	14%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	29%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	16%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	18%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	12%	fishing activity data, see table 2A

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Gross value of landings	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Other income	questionnaires/acco units	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Income from leasing out quota or other fishing right	questionnaires/accoun	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Personnel costs	questionnaires/accoun	B - Probability Sample Survey	Annual	19%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Bla	Dredgers *	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Bla	Vessels using hooks*	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Bla	Vessels using hooks	18-< 24 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Bla	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Bla	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Bla	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Bla	vessels using active and passive gears	6-< 12 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Bla	vessels using active and passive gears*	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Bla	Purse seiners	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Bla	Purse seiners	18-< 24 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Bla	Purse seiners	24-< 40 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Bla	Beam trawlers	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Bla	Beam trawlers	18-< 24 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Bla	Beam trawlers	24-< 40 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Bla	Pelagic trawlers *	12-< 18 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Bla	Pelagic trawlers	18-< 24 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Bla	Pelagic trawlers	24-< 40 m	E	Value of unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Bla	Dredgers *	12-< 18 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Bla	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Bla	Vessels using hooks*	12-< 18 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Bla	Vessels using hooks	18-< 24 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Bla	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Bla	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Bla	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Bla	vessels using active and passive gears	6-< 12 m	E	Energy costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Bla	vessels using active and passive gears *	12-< 18 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Bla	Purse seiners	12-< 18 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Bla	Purse seiners	18-< 24 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Bla	Purse seiners	24-< 40 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Bla	Beam trawlers	12-< 18 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Bla	Beam trawlers	18-< 24 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Bla	Beam trawlers	24-< 40 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Bla	Pelagic trawlers *	12-< 18 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Bla	Pelagic trawlers	18-< 24 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Bla	Pelagic trawlers	24-< 40 m	E	Energy costs	questionnaires/acco units	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks *	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Repair and maintenance costs	questionnaires/acco units	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Variable costs	questionnaires/acco units	B - Probability Sample Survey	Annual	9%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Non-variable costs	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Lease/Rental payments for quota or other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Operating subsidies	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Subsidies on investments	Administrative records	A - Census	Annual		

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Subsidies on investments	Administrative records	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Vessels using hooks *	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks *	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Value of quota and other fishing rights	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Value of quota and other fishing rights	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Investments in tangible assets, net	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	12%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	34%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	17%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	15%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	35%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	43%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	28%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	67%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	4%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	4%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	5%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	4%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Long/short Debt	Balance Sheet	C - Non-Probability Sample Survey	Annual	4%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	12%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	34%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	17%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	15%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	35%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	43%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	28%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	67%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	5%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	0%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	5%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	5%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Total assets	Balance Sheet	C - Non-Probability Sample Survey	Annual	4%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Engaged crew	questionnaires/accoun	B - Probability Sample Survey	Annual	9%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Engaged crew	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Unpaid labour	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Total hours worked per year	questionnaires/acco unts	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Number of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Mean LOA of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Total vessel's tonnage	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Total vessel's power	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks *	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Mean age of vessels	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	none	Annual	0%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	13%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	10%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	15%	fishing activity data, see table 2A

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	8%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	9%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	19%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	33%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	14%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	29%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	16%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	18%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	12%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Days at sea	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	9%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	22%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	10%	
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	21%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	26%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	7%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	6%	
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	18%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	25%	
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	29%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	27%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	32%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	20%	
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Energy consumption	questionnaires/acco units	B - Probability Sample Survey	Annual	19%	
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Number of fishing enterprises/units	Fleet register	A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	none	Annual	0%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	13%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	10%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	15%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	8%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	9%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	19%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	33%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	14%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	29%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	16%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	18%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	12%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Value of landings per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	none	Annual	0%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	13%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	10%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	15%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	8%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	9%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	19%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	33%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	14%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	29%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	16%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	18%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	26%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	12%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	E	Average price per species	logbooks, sales notes and questionnaires	B - Probability Sample Survey	Annual	23%	fishing activity data, see table 2A
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	S	Employment by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	S	Employment by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	S	Employment by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	S	Employment by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3

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MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	S	Employment by employment status			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Dredgers *	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	6-< 12 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	18-< 24 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Demersal trawlers and/or demersal seiners	24-< 40 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Vessels using hooks*	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Vessels using hooks	18-< 24 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	0-< 6 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only	6-< 12 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	vessels using Polyvalent "passive" gears only*	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears	6-< 12 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	vessels using active and passive gears*	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Purse seiners	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Purse seiners	18-< 24 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Purse seiners	24-< 40 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Beam trawlers	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Beam trawlers	18-< 24 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Beam trawlers	24-< 40 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers *	12-< 18 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	18-< 24 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Pelagic trawlers	24-< 40 m	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean Sea and Black Sea	Inactive	0-< 6 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	12-< 18 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	18-< 24 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	24-< 40 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	6-< 12 m	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	40 m or larger	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	0-< 6 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	12-< 18 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	18-< 24 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	24-< 40 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	6-< 12 m	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	40 m or larger	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Mediterranean Sea and Black Sea	Inactive	0-< 6 m	E	Value of quota and other fishing rights		A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Inactive	12-< 18 m	E	Value of quota and other fishing rights		A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Inactive	18-< 24 m	E	Value of quota and other fishing rights		A - Census	Annual		

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean Sea and Black Sea	Inactive	24-< 40 m	E	Value of quota and other fishing rights		A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Inactive	6-< 12 m	E	Value of quota and other fishing rights		A - Census	Annual		
ITA	Mediterranean Sea and Black Sea	Inactive	40 m or larger	E	Value of quota and other fishing rights		A - Census	Annual		
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Gross value of landings	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Other income	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Income from leasing out quota or other fishing right	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Personnel costs	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Value of unpaid labour	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Energy costs	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Repair and maintenance costs	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Variable costs	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Non-variable costs	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Lease/Rental payments for quota or other fishing rights	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Operating subsidies	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Subsidies on investments	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual	25%	PIM
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual	25%	PIM
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Value of quota and other fishing rights	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Investments in tangible assets, net	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Long/short Debt	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Total assets	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Engaged crew	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Unpaid labour	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Total hours worked per year	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Number of vessels	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Mean LOA of vessels	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Total vessel's tonnage	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Total vessel's power	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Mean age of vessels	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Days at sea	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Energy consumption	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Number of fishing enterprises/units	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Value of landings per species	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	E	Average price per species	Accounts - questionnaires	C - Non-Probability Sample Survey	Annual	25%	
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	Employment by gender		triennial starting in 2018			pilot study in 2017, see box text pilot study 3

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	FTE by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	Unpaid labour by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	Employment by age			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	Employment by education level			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	Employment by nationality			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	Employment by employment status			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Mediterranean and Black s	Purse seiners	40 m or larger	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Gross value of landings	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Other income	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Income from leasing out quota or other fishing right	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Personnel costs	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Value of unpaid labour	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Energy costs	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Repair and maintenance costs	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Variable costs	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Non-variable costs	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Lease/Rental payments for quota or other fishing rights	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Operating subsidies	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Subsidies on investments	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Consumption of fixed capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Value of physical capital	Fleet register / questionnaires	D - Indirect Survey	Annual		PIM
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Value of quota and other fishing rights	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Investments in tangible assets, net	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Long/short Debt	Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Total assets	Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Engaged crew	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Unpaid labour	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Total hours worked per year	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	

MS	Supra region	Fishing technique	Length class	Type of variables (E/S)	Variable	Data Source	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Number of vessels	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Mean LOA of vessels	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Total vessel's tonnage	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Total vessel's power	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Mean age of vessels	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Days at sea	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Energy consumption	Profit and Loss Account and Balance Sheet	A - Census	Annual	100%	
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Number of fishing enterprises/units	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Value of landings per species	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	E	Average price per species	Profit and Loss Account and Balance Sheet	A - Census	Annual		
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	Employment by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	FTE by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	Unpaid labour by gender			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	Employment by age			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	Employment by education level			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	Employment by nationality			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	Employment by employment status			triennial starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Other regions	Demersal trawlers and/or demersal seiners*	40 m or larger	S	FTE National			triennial starting in 2018		pilot study in 2017, see box text pilot study 3

Table 3B: Population segments for collection of economic and social data for aquaculture

									WP	2017-2019
									WP date of submission	31/10/2016
MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Trout	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Tanks and raceway	Trout	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	Trout	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Pond	Trout	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Pond	Trout	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Pond	Trout	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Recirculation systems	Trout	E	Gross sales per species			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Other income			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Personnel costs			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	value of unpaid labour			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Energy costs			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Livestock costs			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Feed costs			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Repair and maintenance			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Other operating costs			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Operating subsidies			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Subsidies on investments			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Consumption of fixed capital			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Total value of assets			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Financial income			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Financial expenditures			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Net Investments			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Debt			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Livestock used			Y			not sampled for statistical confidentiality - only 1 unit

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Recirculation systems	Trout	E	Fish Feed used			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Weight of sales per species			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Persons employees			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Unpaid labour			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	Employment by gender			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	FTE by gender			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	Unpaid labour by gender			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	Employment by age			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	Employment by education level			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	Employment by nationality			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	Employment by employment status			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Recirculation systems	Trout	S	FTE National			Y			not sampled for statistical confidentiality - only 1 unit
ITA	Cages	Trout	E	Gross sales per species			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Other income			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Personnel costs			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	value of unpaid labour			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Energy costs			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Livestock costs			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Feed costs			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Repair and maintenance			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Other operating costs			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Operating subsidies			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Subsidies on investments			Y			not sampled for statistical confidentiality - only 2 units

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Cages	Trout	E	Consumption of fixed capital			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Total value of assets			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Financial income			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Financial expenditures			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Net Investments			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Debt			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Livestock used			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Fish Feed used			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Weight of sales per species			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Persons employees			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Unpaid labour			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	Employment by gender			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	FTE by gender			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	Unpaid labour by gender			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	Employment by age			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	Employment by education level			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	Employment by nationality			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	Employment by employment status			Y			not sampled for statistical confidentiality - only 2 units
ITA	Cages	Trout	S	FTE National			Y			not sampled for statistical confidentiality - only 2 units
ITA	Hatchery and nurseries	Trout	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	Trout	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	Trout	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	0	the totality of the hatcheries are included in the segment Tanks and raceway
ITA	Hatchery and nurseries	Trout	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	Trout	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	sea bass & sea bream	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	23	
ITA	Tanks and raceway	sea bass & sea bream	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Tanks and raceway	sea bass & sea bream	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Cages	sea bass & sea bream	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Cages	sea bass & sea bream	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Cages	sea bass & sea bream	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Ponds	sea bass & sea bream	E	Gross sales per species			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Other income			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Personnel costs			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	value of unpaid labour			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Energy costs			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Livestock costs			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Feed costs			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Repair and maintenance			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Other operating costs			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Operating subsidies			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Subsidies on investments			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Consumption of fixed capital			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Total value of assets			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Financial income			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Financial expenditures			Y			not sampled for statistical confidentiality - only 5 units

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	sea bass & sea bream	E	Net Investments			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Debt			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Livestock used			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Fish Feed used			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Weight of sales per species			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Persons employees			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Unpaid labour			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	Employment by gender			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	FTE by gender			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	Unpaid labour by gender			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	Employment by age			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	Employment by education level			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	Employment by nationality			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	Employment by employment status			Y			not sampled for statistical confidentiality - only 5 units
ITA	Ponds	sea bass & sea bream	S	FTE National			Y			not sampled for statistical confidentiality - only 5 units
ITA	Hatchery and nurseries	sea bass & sea bream	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	10	

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	sea bass & sea bream	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	10	
ITA	Hatchery and nurseries	sea bass & sea bream	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Hatchery and nurseries	sea bass & sea bream	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Ponds	Carp	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Other income			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Feed costs			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Carp	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Debt			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Ponds	Carp	S	FTE National			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Carp	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Other income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Debt			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	Employment by gender			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Carp	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Carp	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Other income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Debt			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Livestock used			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	Carp	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Carp	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Other income			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Subsidies on investments			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Eel	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Debt			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Ponds	Eel	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Other income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	value of unpaid labour			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Eel	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Debt			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	Employment by education level			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Eel	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Eel	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Other income			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Debt			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Unpaid labour			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Sturgeon	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Ponds	Sturgeon	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Other income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Financial expenditures			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Sturgeon	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Debt			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Sturgeon	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Other income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Repair and maintenance			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	Sturgeon	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Debt			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Sturgeon	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Gross sales per species			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Other fresh water fish	E	Other income			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Debt			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	FTE by gender			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Other fresh water fish	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Ponds	Other fresh water fish	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Other income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Debt			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Fish Feed used			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Tanks and raceway	Other fresh water fish	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Tanks and raceway	Other fresh water fish	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Other income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	Other fresh water fish	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Debt			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other fresh water fish	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Other income			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Energy costs			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Other marine fish	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Debt			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	Employment by nationality			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Ponds	Other marine fish	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Ponds	Other marine fish	S	FTE National			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Other income			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Financial income			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Net Investments			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Debt			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	cages	Other marine fish	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	cages	Other marine fish	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Gross sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Other income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Personnel costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	value of unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Energy costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Livestock costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Feed costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Repair and maintenance			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Other operating costs			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Operating subsidies			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Subsidies on investments			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Consumption of fixed capital			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Total value of assets			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Financial income			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Financial expenditures			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Net Investments			Y			not sampled - the production is less than 10%

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Hatchery and nurseries	Other marine fish	E	Debt			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Livestock used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Fish Feed used			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Weight of sales per species			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Persons employees			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Unpaid labour			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Numbers of hours worked by employees and unpaid workers			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	E	Number of enterprises (by category on the numbers of persons employed)			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	Employment by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	FTE by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	Unpaid labour by gender			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	Employment by age			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	Employment by education level			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	Employment by nationality			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	Employment by employment status			Y			not sampled - the production is less than 10%
ITA	Hatchery and nurseries	Other marine fish	S	FTE National			Y			not sampled - the production is less than 10%
ITA	Off Botton - long line	Mussel	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Off Botton - long line	Mussel	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	Off Botton - long line	Mussel	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Mussel	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	30	
ITA	On Botton	Clam	S	Employment by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	FTE by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	Unpaid labour by gender			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	Employment by age			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	Employment by education level			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	Employment by nationality			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	Employment by employment status			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	On Botton	Clam	S	FTE National			N	every three years starting in 2018		pilot study in 2017, see box text pilot study 3
ITA	Off Botton - long line	Oyster	E	Gross sales per species	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Other income	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Personnel costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	value of unpaid labour	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Energy costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Livestock costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Feed costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Repair and maintenance	Financial accounts	B — Probability sample survey;	N	Annual	20	

MS	Techniques	Species group	Type of variables (E/S)	Variable	Data source	Type of data collection scheme	Threshold (Y/N)	Frequency	Planned sample rate %	Comments
ITA	Off Botton - long line	Oyster	E	Other operating costs	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Operating subsidies	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Subsidies on investments	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Consumption of fixed capital	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Total value of assets	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Financial income	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Financial expenditures	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Net Investments	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Debt	Financial accounts	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Livestock used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Fish Feed used	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Weight of sales per species	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Persons employees	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Unpaid labour	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Numbers of hours worked by employees and unpaid workers	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	
ITA	Off Botton - long line	Oyster	E	Number of enterprises (by category on the numbers of persons employed)	questionnaires/estimated data	B — Probability sample survey;	N	Annual	20	

Table 3C: Population segments for collection of economic and social data for the processing industry

							WP	2017-2019
							WP date of submission	31/10/2016
MS	Segment	Type of variables (E/S)	Variables	Data sources	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	companies secondary activity	E	Turnover	Enterprise register/Balance sheets/questionnaires	B - Probability Sample Survey	Annual	60	ad-hoc survey
ITA	companies secondary activity	E	Number of enterprises	Enterprise register	A-Census	Annual	100	ad-hoc survey
ITA	companies >10 employees main activity	E	Number of enterprises	SBS	B - Probability Sample Survey	Annual	100	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Turnover	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Other income	SBS/national statistics	D - Indirect survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Personnel costs	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Value of unpaid labour	SBS/national statistics	D - Indirect survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Payment for external agency workers	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Energy costs	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Purchase of fish and other raw material for production	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Other operational costs	SBS/national statistics	D - Indirect survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Operating subsidies	SBS/national statistics	D - Indirect survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Consumption of fixed capital	national statistics	D - Indirect survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools
ITA	companies >10 employees main activity	E	Total value of assets	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	70	ad-hoc survey

MS	Segment	Type of variables (E/S)	Variables	Data sources	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	companies >10 employees main activity	E	Financial income	SBS/national statistics	B - Probability Sample Survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools .
ITA	companies >10 employees main activity	E	Financial expenditures	SBS/national statistics	B - Probability Sample Survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools .
ITA	companies >10 employees main activity	E	Net investment	SBS/national statistics	B - Probability Sample Survey	Annual	N	The variable could be derived from SBS or official data by mean of ad-hoc estimation. Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools .
ITA	companies >10 employees main activity	E	Debt	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	70	ad-hoc survey
ITA	companies >10 employees main activity	E	Number of persons employed	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools .
ITA	companies >10 employees main activity	E/S	FTE National	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools .
ITA	companies >10 employees main activity	E	Unpaid labour	SBS/national statistics	D - Indirect survey	Annual	N	The variable could be derived from SBS by mean of ad-hoc estimation. The regulation on SBS states that "Number of unpaid persons employed can be transmitted by the reporting Authorities. If not provided, it will be calculated as the difference between the values provided for the variables 16 11 0 and 16 13 0. The data will be considered confidential if either 16 11 0 or 16 13 0 or both are confidential.
ITA	companies >10 employees main activity	E	Number of hours worked by employees and unpaid workers	SBS	B - Probability Sample Survey	Annual	N	Data collection scheme and sample rate available under the ISTAT web-page for methods and tools http://www.istat.it/en/tools/methods-and-it-tools .
ITA	companies <10 employees main activity	E	Number of enterprises	Enterprise and other national registers	A-Census	Annual	100	ad-hoc survey
ITA	companies <10 employees main activity	E	Turnover	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Other income	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Personnel costs	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Value of unpaid labour	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Payment for external agency workers	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Energy costs	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Purchase of fish and other raw material for production	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Other operational costs	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Operating subsidies	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Consumption of fixed capital	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Total value of assets	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Financial income	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Financial expenditures	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Net investment	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Debt	Enterprise register/Balance sheets	B - Probability Sample Survey	Annual	30	ad-hoc survey
ITA	companies <10 employees main activity	E	Number of persons employed	Enterprise register/Labour register	A-Census	Annual	100	Use and cross-check of different data sources.
ITA	companies <10 employees main activity	E/S	FTE National	Enterprise register/Labour register	D - Indirect survey	Annual	100	Use and cross-check of different data sources.

MS	Segment	Type of variables (E/S)	Variables	Data sources	Type of data collection scheme	Frequency	Planned sample rate %	Comments
ITA	companies <10 employees main activity	E	Unpaid labour	Enterprise register/Labour register	D - Indirect survey	Annual	100	Use and cross-check of different data sources.
ITA	companies <10 employees main activity	E	Number of hours worked by employees and unpaid workers	Labour register/National data sources	D - Indirect survey	Annual	100	Use and cross-check of different data sources.
ITA	all companies main activity	E	Subsidies on investment	Administrative sources/company accounts and statements	A-Census/C-Non Probability Sample Survey	Annual	100/20	ad-hoc survey based on data collected and stored in administrative accounts; it is still unclear if data could be provided by different employment classes (<10 and >10)
ITA	all companies main activity	E	Weight of raw material per species and origin	Questionnaires/Interviews	B - Probability Sample Survey	Every 3 years	15	Pilot study in 2018
	all companies main activity	S	Employment by gender	Labour register/Questionnaires/SBS		Every 3 years		Pilot study in 2017. Data collection starting from 2018
ITA	all companies main activity	S	Employment by age	Labour register/Questionnaires		Every 3 years		Pilot study in 2017. Data collection starting from 2018
ITA	all companies main activity	S	Employment by education level	Labour register/Questionnaires		Every 3 years		Pilot study in 2017. Data collection starting from 2018
ITA	all companies main activity	S	Employment by nationality	Labour register/Questionnaires		Every 3 years		Pilot study in 2017. Data collection starting from 2018

Table 4A: Sampling plan description for biological data												WP		2017-2019
												WP date of submission		31/10/2016
MS	MS participating in sampling	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Scheme	Stratum ID code	PSU type	Catch fractions covered	Species/ Stocks covered for estimation of volume and length of catch fractions	Seasonality (Temporal strata)	Reference years	Average Number of PSU during the reference years	Planned number of PSUs	Comments
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at sea, at landing and at market	GSA 9_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	40849	41	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at landing and at market	GSA 9_PS_SPF_>=14_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	4180	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at landing and at market	GSA 9_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	82792	72	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at landing and at market	GSA 9_GNS_DEF_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	35902	36	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at sea, at landing and at market	GSA 9_OTB_MDD_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	7165	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at sea, at landing and at market	GSA 9_OTB_DWS_>=40_0_0	Fishing trip	Landing + Discards	Demersal deep water species	Quarterly	2013-2015	4492	6	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at landing and at market	GSA 9_SB_SV_DES_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	3032	3	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_PS_SPF_>=14_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	14429	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at sea, at landing and at market	GSA 10_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	19889	14	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	92448	40	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at sea, at landing and at market	GSA 10_OTB_MDD_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	12892	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_LLS_DEF_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	34708	30	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at landing and at market	GSA 10_GNS_DEF_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	58974	64	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at sea, at landing and at market	GSA 10_OTB_DWS_>=40_0_0	Fishing trip	Landing + Discards	Demersal deep water species	Quarterly	2013-2015	4757	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	Sampling at landing and at market	GSA 11_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	81708	25	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	Sampling at sea, at landing and at market	GSA 11_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	9210	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	Sampling at landing and at market	GSA 11_FPO_DES_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	30253	20	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	Sampling at sea, at landing and at market	GSA 11_OTB_MDD_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	4484	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	Sampling at landing and at market	GSA 11_GNS_DEF_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	19389	20	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	Sampling at landing and at market	GSA 11_LLS_DEF_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	6267	6	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at sea, at landing and at market	GSA 16_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	37607	71	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at sea, at landing and at market	GSA 16_OTB_MDD_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	12639	24	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at landing and at market	GSA 16_PS_SPF_>=14_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	2452	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at sea, at landing and at market	GSA 16_OTB_DWS_>=40_0_0	Fishing trip	Landing + Discards	Demersal deep water species	Quarterly	2013-2015	8165	24	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at landing and at market	GSA 16_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	57905	48	

MS	MS participating in sampling	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Scheme	Stratum ID code	PSU type	Catch fractions covered	Species/ Stocks covered for estimation of volume and length of catch fractions	Seasonality (Temporal strata)	Reference years	Average Number of PSU during the reference years	Planned number of PSUs	Comments
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at sea, at landing and at market	GSA 16_PTM_SPF_>=20_0_0	Fishing trip	Landing + Discards	Small pelagic species	Quarterly	2013-2015	2258	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	Sampling at landing and at market	GSA 16_LLS_DEF_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	8081	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_PTM_SPF_>=20_0_0	Fishing trip	Landing + Discards	Small pelagic species	Quarterly	2013-2015	15669	34	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	64141	66	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_TBB_DES_0_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	9712	20	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at landing and at market	GSA 17_PS_SPF_>=14_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	2340	16	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at landing and at market	GSA 17_GNS_DEF_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	66960	69	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at landing and at market	GSA 17_FPO_DES_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	24007	30	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at landing and at market	GSA 17_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	18449	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at sea, at landing and at market	GSA 18_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	53869	48	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at sea, at landing and at market	GSA 18_PTM_SPF_>=20_0_0	Fishing trip	Landing + Discards	Small pelagic species	Quarterly	2013-2015	2996	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at landing and at market	GSA 18_PS_SPF_>=14_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	668	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at landing and at market	GSA 18_LLS_DEF_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	3537	16	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at landing and at market	GSA 18_GNS_DEF_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	43225	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at sea, at landing and at market	GSA 18_OTB_MDD_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	2558	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at landing and at market	GSA 18_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	18806	35	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at landing and at market	GSA 18_FYK_DES_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	5209	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at landing and at market	GSA 18_FPO_DES_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	4396	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at sea, at landing and at market	GSA 19_OTB_MDD_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	20269	13	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at landing and at market	GSA 19_GNS_DEF_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	80446	43	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at landing and at market	GSA 19_GTR_DES_>=16_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	101907	43	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at landing and at market	GSA 19_LLS_DEF_0_0_0	Fishing trip	Landing	Demersal species	Quarterly	2013-2015	25723	16	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at landing and at market	GSA 19_PS_SPF_>=14_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	2832	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at sea, at landing and at market	GSA 19_OTB_DWS_>=40_0_0	Fishing trip	Landing + Discards	Demersal deep water species	Quarterly	2013-2015	13077	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at sea, at landing and at market	GSA 19_OTB_DES_>=40_0_0	Fishing trip	Landing + Discards	Demersal species	Quarterly	2013-2015	3952	12	
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	Sampling at landing and at market	GSA 19_GND_SPF_0_0_0	Fishing trip	Landing	Small pelagic species	Quarterly	2013-2015	2819	12	

MS	MS participating in sampling	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Scheme	Stratum ID code	PSU type	Catch fractions covered	Species/ Stocks covered for estimation of volume and length of catch fractions	Seasonality (Temporal strata)	Reference years	Average Number of PSU during the reference years	Planned number of PSUs	Comments
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE-HRV	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_LLD_LPF_0_0_0	Fishing trip	Landing + Discards	<i>Auxis rochei</i> , <i>Auxis thazard</i> , <i>Coryphaena hippurus</i> , <i>Euthynnus alletteratus</i> , <i>Sarda sarda</i> , <i>Thunnus alalunga</i> , <i>Thunnus thynnus</i> , <i>Xiphias gladius</i> , <i>Istiophoridae</i>	Annually	2013-2015	70488	150	
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE-HRV	Mediterranean Sea and Black Sea	ICCAT, GFCM	all areas	Sampling at sea, at landing and at market	all areas_PS_LPF_0_0_0	Fishing trip	Landing + Discards	<i>Auxis rochei</i> , <i>Auxis thazard</i> , <i>Coryphaena hippurus</i> , <i>Euthynnus alletteratus</i> , <i>Sarda sarda</i> , <i>Thunnus alalunga</i> , <i>Thunnus thynnus</i> , <i>Xiphias gladius</i> , <i>Istiophoridae</i>	Annually	2013-2015	11167	50	It should be recalled that, on the basis of the ICCAT Recommendations (2010/04 and 2012/03) and the EU Reg. 500/2012, the observer on board of the PS_LPF targeting <i>T. thynnus</i> , can be only appointed by ICCAT. Tuna are transferred alive in the cages making difficulties landing or market observations. 2) Purse seine for <i>C. hippurus</i> includes the monitoring of FAD.
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	Sampling at sea, at landing and at market	GSA 9_DRB_MOL_0_0_0	Fishing trip	Landing + Discards	Molluscs	Quarterly	2013-2015	1410	8	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: <i>Chamelea gallina</i> (main target species), <i>Callista chione</i> and <i>Ensis minor</i>
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	Sampling at sea, at landing and at market	GSA 10_DRB_MOL_0_0_0	Fishing trip	Landing + Discards	Molluscs	Quarterly	2013-2015	725	8	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: <i>Chamelea gallina</i> (main target species), <i>Callista chione</i> and <i>Ensis minor</i>
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	Sampling at sea, at landing and at market	GSA 17_DRB_MOL_0_0_0	Fishing trip	Landing + Discards	Molluscs	Quarterly	2013-2015	44091	40	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: <i>Chamelea gallina</i> (main target species), <i>Callista chione</i> and <i>Ensis minor</i>
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	Sampling at sea, at landing and at market	GSA 18_DRB_MOL_0_0_0	Fishing trip	Landing + Discards	Molluscs	Quarterly	2013-2015	2765	8	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: <i>Chamelea gallina</i> (main target species), <i>Callista chione</i> and <i>Ensis minor</i>
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	NA	GSA 9_FPO_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	657	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	NA	GSA 9_FYK_CAT_0_0_0	NA	NA	demersal species	NA	2013-2015	1172	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	NA	GSA 9_FYK_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	35	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	NA	GSA 9_GNS_SLP_>=16_0_0	NA	NA	small pelagic	NA	2013-2015	3057	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	NA	GSA 9_LLS_DEF_0_0_0	NA	NA	demersal species	NA	2013-2015	1391	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_FPO_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	8060	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_GND_SPF_0_0_0	NA	NA	small pelagic	NA	2013-2015	229	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_GNS_SLP_>=16_0_0	NA	NA	small pelagic	NA	2013-2015	2832	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_LHP_LHM_CEP_0_0_0	NA	NA	cephalopods	NA	2013-2015	8180	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_LHP_LHM_FIF_0_0_0	NA	NA	pelagic species	NA	2013-2015	706	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_OTM_MPD_>=20_0_0	NA	NA	pelagic and demersal species	NA	2013-2015	4277	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	NA	GSA 10_SB_SV_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	459	NA	Metier not selected by the ranking system

MS	MS participating in sampling	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Scheme	Stratum ID code	PSU type	Catch fractions covered	Species/ Stocks covered for estimation of volume and length of catch fractions	Seasonality (Temporal strata)	Reference years	Average Number of PSU during the reference years	Planned number of PSUs	Comments
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_FYK_CAT_0_0_0	NA	NA	demersal species	NA	2013-2015	87	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_GNS_SLP_>=16_0_0	NA	NA	small pelagic	NA	2013-2015	143	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_LHP_LHM_CEP_0_0_0	NA	NA	cephalopods	NA	2013-2015	988	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_LHP_LHM_FIF_0_0_0	NA	NA	pelagic species	NA	2013-2015	93	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_OTB_DWS_>=40_0_0	NA	NA	demersal species	NA	2013-2015	1176	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_PS_SPF_>=14_0_0	NA	NA	small pelagic	NA	2013-2015	853	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	NA	GSA 11_SB_SV_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	146	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_FPO_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	201	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_GNS_DEF_>=16_0_0	NA	NA	demersal species	NA	2013-2015	4825	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_GNS_SLP_>=16_0_0	NA	NA	small pelagic	NA	2013-2015	378	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_LHP_LHM_CEP_0_0_0	NA	NA	cephalopods	NA	2013-2015	982	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_LHP_LHM_FIF_0_0_0	NA	NA	pelagic species	NA	2013-2015	105	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_OTM_MPD_>=20_0_0	NA	NA	pelagic and demersal species	NA	2013-2015	854	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	NA	GSA 16_SB_SV_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	1054	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	NA	GSA 17_FYK_CAT_0_0_0	NA	NA	demersal species	NA	2013-2015	532	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	NA	GSA 17_FYK_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	26511	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	NA	GSA 17_OTB_DWS_>=40_0_0	NA	NA	demersal species	NA	2013-2015	164	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	NA	GSA 17_OTB_MDD_>=40_0_0	NA	NA	demersal species	NA	2013-2015	741	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	NA	GSA 17_OTM_MPD_>=20_0_0	NA	NA	pelagic and demersal species	NA	2013-2015	259	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	NA	GSA 19_FPO_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	5401	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	NA	GSA 19_GNS_SLP_>=16_0_0	NA	NA	small pelagic	NA	2013-2015	12953	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	NA	GSA 19_LHP_LHM_CEP_0_0_0	NA	NA	cephalopods	NA	2013-2015	3723	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	NA	GSA 19_OTM_MPD_>=20_0_0	NA	NA	pelagic and demersal species	NA	2013-2015	91	NA	Metier not selected by the ranking system
ITA	ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	NA	GSA 19_SB_SV_DES_0_0_0	NA	NA	demersal species	NA	2013-2015	5014	NA	Metier not selected by the ranking system
ITA	ITA	Atlantic Ocean	CECAF	FAO Area 34.1	NA	CECAF_OTB_CEP_>=40_0_0	NA	NA	cephalopods	NA	2013-2015	328	NA	Metier not included in the samplin program (see text)
ITA	ITA	Indian Ocean	IOTC	FAO Area 51.7	NA	IOTC_PS_LPF_0_0_0	NA	NA	Large pelagic species	NA	2013-2015	142	NA	Metier not included in the samplin program (see text)

Table 4B: Sampling frame description for biological data

				WP	2017-2019
				WP date of submission	31/10/2016
MS	Stratum ID number	Stratum	Sampling frame description	Method of PSU selection	Comments
ITA	GSA 9 OTB DES >=40 0 0	Northern tyrrhenian demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 9 PS SPF >=14 0 0	Northern tyrrhenian purse seiners	vessel list of purse seiners	random draw	
ITA	GSA 9 GTR DES >=16 0 0	Northern tyrrhenian trammel nets	list of small scale vessels	random draw	
ITA	GSA 9 GNS DEF >=16 0 0	Northern tyrrhenian gillnets	list of small scale vessels	random draw	
ITA	GSA 9 OTB MDD >=40 0 0	Northern tyrrhenian mixed trawlers	vessel list of trawlers	random draw	
ITA	GSA 9_OTB_DWS_>=40_0_0	Northern tyrrhenian deep waters trawlers	vessel list of trawlers	random draw	
ITA	GSA 9_SB_SV_DES_0_0_0	Northern tyrrhenian beach and boat seines	list of beach seines and boat vessels	random draw	
ITA	GSA 10 PS SPF >=14 0 0	Southern tyrrhenian purse seiners	vessel list of purse seiners	random draw	
ITA	GSA 10 OTB DES >=40 0 0	Southern tyrrhenian demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 10 GTR DES >=16 0 0	Southern tyrrhenian trammel nets	list of small scale vessels	random draw	
ITA	GSA 10 OTB MDD >=40 0 0	Southern tyrrhenian mixed trawlers	vessel list of trawlers	random draw	
ITA	GSA 10 LLS DEF 0 0 0	Southern tyrrhenian longliners	vessel list of longliners	random draw	
ITA	GSA 10 GNS DEF >=16 0 0	Southern tyrrhenian gillnets	list of small scale vessels	random draw	
ITA	GSA 10_OTB_DWS_>=40_0_0	Southern tyrrhenian deep waters trawlers	vessel list of trawlers	random draw	
ITA	GSA 11 GTR DES >=16 0 0	Sardinia trammel nets	list of small scale vessels	random draw	
ITA	GSA 11 OTB DES >=40 0 0	Sardinia demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 11 FPO DES 0 0 0	Sardinia pots and traps	list of small scale vessels	random draw	
ITA	GSA 11 OTB MDD >=40 0 0	Sardinia mixed trawlers	vessel list of trawlers	random draw	
ITA	GSA 11 GNS DEF >=16 0 0	Sardinia gillnets	list of small scale vessels	random draw	
ITA	GSA 11 LLS DEF 0 0 0	Sardinia longlines	vessel list of longliners	random draw	
ITA	GSA 16 OTB DES >=40 0 0	Sicilian demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 16 OTB MDD >=40 0 0	Sicilian mixed trawlers	vessel list of trawlers	random draw	
ITA	GSA 16 PS SPF >=14 0 0	Sicilian purse seiners	vessel list of purse seiners	random draw	
ITA	GSA 16 OTB DWS >=40 0 0	Sicilian deep waters trawlers	vessel list of trawlers	random draw	
ITA	GSA 16 GTR DES >=16 0 0	Sicilian trammel nets	list of small scale vessels	random draw	
ITA	GSA 16 PTM SPF >=20 0 0	Sicilian pelagic trawlers	vessel list of trawlers	random draw	
ITA	GSA 16 LLS DEF 0 0 0	Sicilian longliners	vessel list of longliners	random draw	
ITA	GSA 17 PTM SPF >=20 0 0	North adriatic pelagic trawlers	vessel list of trawlers	random draw	
ITA	GSA 17 OTB DES >=40 0 0	North adriatic demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 17 TBB DES 0 0 0	North adriatic beam trawlers	vessel list of trawlers	random draw	
ITA	GSA 17 PS SPF >=14 0 0	North adriatic purse seiners	vessel list of purse seiners	random draw	
ITA	GSA 17 GNS DEF >=16 0 0	North adriatic gillnets	list of small scale vessels	random draw	
ITA	GSA 17 FPO DES 0 0 0	North adriatic pots and traps	list of small scale vessels	random draw	
ITA	GSA 17 GTR DES >=16 0 0	North adriatic trammel nets	list of small scale vessels	random draw	
ITA	GSA 18 OTB DES >=40 0 0	Southern adriatic demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 18 PTM SPF >=20 0 0	Southern adriatic pelagic trawlers	vessel list of trawlers	random draw	
ITA	GSA 18 PS SPF >=14 0 0	Southern adriatic purse seiners	vessel list of purse seiners	random draw	
ITA	GSA 18 LLS DEF 0 0 0	Southern adriatic longliners	vessel list of longliners	random draw	
ITA	GSA 18 GNS DEF >=16 0 0	Southern adriatic gillnets	list of small scale vessels	random draw	
ITA	GSA 18 OTB MDD >=40 0 0	Southern adriatic mixed trawlers	vessel list of trawlers	random draw	
ITA	GSA 18 GTR DES >=16 0 0	Southern adriatic trammel nets	list of small scale vessels	random draw	
ITA	GSA 18 FYK DES 0 0 0	Southern adriatic fyke nets	list of small scale vessels	random draw	
ITA	GSA 18 FPO DES 0 0 0	Southern adriatic pots and traps	list of small scale vessels	random draw	
ITA	GSA 19 OTB MDD >=40 0 0	Ionian mixed trawlers	vessel list of trawlers	random draw	
ITA	GSA 19 GNS DEF >=16 0 0	Ionian gillnets	list of small scale vessels	random draw	
ITA	GSA 19 GTR DES >=16 0 0	Ionian trammel nets	list of small scale vessels	random draw	
ITA	GSA 19 LLS DEF 0 0 0	Ionian longliners	vessel list of longliners	random draw	
ITA	GSA 19 PS SPF >=14 0 0	Ionian purse seiners	vessel list of purse seiners	random draw	
ITA	GSA 19 OTB DWS >=40 0 0	Ionian deep waters trawlers	vessel list of trawlers	random draw	
ITA	GSA 19 OTB DES >=40 0 0	Ionian demersal trawlers	vessel list of trawlers	random draw	
ITA	GSA 19 GND SPF 0 0 0	Ionian gillnets small pelagics	list of small scale vessels	random draw	
ITA	all areas_LLD_LPF_0_0_0	Longline for large pelagics	List of vessels operating with longline for large pelagic	random from the vessel list, following a temporal stratification	
ITA	all areas_PS_LPF_0_0_0	Purse seine for large pelagics	List of vessels operating with purse seine for large pelagic and utilising FAD	random from the vessel list, following a temporal and geographical stratification	It should be recalled that, on the basis of the ICCAT Recommendations (2010/04 and 2012/03) and the EU Reg. 500/2012, the observer on board of the PS_LPF targeting <i>T. thynnus</i> , can be only appointed by ICCAT. Tuna are transferred alive in the cages making difficulties landing or market observations. 2) Purse seine for <i>C. hippurus</i> includes the monitoring of FAD.
ITA	GSA 9_DRB_MOL_0_0_0	Northern tyrrhenian dredgers	List of vessels operating with hydraulic dredgers	random draw	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: <i>Chamelea gallina</i> (main target species), <i>Callista chione</i> and <i>Ensis minor</i>

ITA	GSA 10_DRB_MOL_0_0_0	Southern tyrrhenian dredgers	List of vessels operating with hydraulic dredgers	random draw	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	GSA 17_DRB_MOL_0_0_0	North adriatic dredgers	List of vessels operating with hydraulic dredgers	random draw	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	GSA 18_DRB_MOL_0_0_0	Southern adriatic dredgers	List of vessels operating with hydraulic dredgers	random draw	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	GSA 9_FPO_DES_0_0_0	Northern tyrrhenian pots and traps	NA	NA	Metier not selected by the ranking system
ITA	GSA 9_FYK_CAT_0_0_0	Northern tyrrhenian fyke nets	NA	NA	Metier not selected by the ranking system
ITA	GSA 9_FYK_DES_0_0_0	Northern tyrrhenian fyke nets	NA	NA	Metier not selected by the ranking system
ITA	GSA 9_GNS_SLP_>=16_0_0	Northern tyrrhenian gillnets for small and large pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 9_LLS_DEF_0_0_0	Northern tyrrhenian lonliners	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_FPO_DES_0_0_0	Southern tyrrhenian pots and traps	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_GND_SPF_0_0_0	Southern tyrrhenian gillnets for small pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_GNS_SLP_>=16_0_0	Southern tyrrhenian gillnets for small and large pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_LHP_LHM_CEP_0_0_0	Southern tyrrhenian hand and pole line for cephalopods	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_LHP_LHM_FIF_0_0_0	Southern tyrrhenian hand and pole line for finfish	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_OTM_MPD_>=20_0_0	Southern tyrrhenian midwater pair trawls	NA	NA	Metier not selected by the ranking system
ITA	GSA 10_SB_SV_DES_0_0_0	Southern tyrrhenian beach and boat seine	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_FYK_CAT_0_0_0	Sardinia fyke nets	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_GNS_SLP_>=16_0_0	Sardinia gillnets for small pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_LHP_LHM_CEP_0_0_0	Sardinia hand and pole lines for cephalopods	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_LHP_LHM_FIF_0_0_0	Sardinia hand and pole lines for finfish	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_OTB_DWS_>=40_0_0	Sardinia deep waters trawlers	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_PS_SPF_>=14_0_0	Sardinia purse seine small pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 11_SB_SV_DES_0_0_0	Sardinia fyke beach and boat seine	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_FPO_DES_0_0_0	Sicilian pots and traps	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_GNS_DEF_>=16_0_0	Sicilian gillnets	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_GNS_SLP_>=16_0_0	Sicilian gillnets for small and large pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_LHP_LHM_CEP_0_0_0	Sicilian hand and pole line for cephalopods	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_LHP_LHM_FIF_0_0_0	Sicilian hand and pole line for finfish	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_OTM_MPD_>=20_0_0	Sicilian midwaters pair trawls	NA	NA	Metier not selected by the ranking system
ITA	GSA 16_SB_SV_DES_0_0_0	Sicilian pots and traps	NA	NA	Metier not selected by the ranking system
ITA	GSA 17_FYK_CAT_0_0_0	North adriatic fyke nets	NA	NA	Metier not selected by the ranking system
ITA	GSA 17_FYK_DES_0_0_0	North adriatic fyke nets	NA	NA	Metier not selected by the ranking system
ITA	GSA 17_OTB_DWS_>=40_0_0	North adriatic deep waters species	NA	NA	Metier not selected by the ranking system
ITA	GSA 17_OTB_MDD_>=40_0_0	North adriatic mixed trawlers	NA	NA	Metier not selected by the ranking system
ITA	GSA 17_OTM_MPD_>=20_0_0	North adriatic midwater pair trawls	NA	NA	Metier not selected by the ranking system
ITA	GSA 19_FPO_DES_0_0_0	Ionian pots and traps	NA	NA	Metier not selected by the ranking system
ITA	GSA 19_GNS_SLP_>=16_0_0	Ionian gillnets for small and large pelagic	NA	NA	Metier not selected by the ranking system
ITA	GSA 19_LHP_LHM_CEP_0_0_0	Ionian hand and pole line for cephalopods	NA	NA	Metier not selected by the ranking system
ITA	GSA 19_OTM_MPD_>=20_0_0	Ionian midwater pair trawls	NA	NA	Metier not selected by the ranking system
ITA	GSA 19_SB_SV_DES_0_0_0	Ionian beach and boat seine	NA	NA	Metier not selected by the ranking system
ITA	CECAF_OTB_CEP_>=40_0_0	Atlantic ocean trawlers	NA	NA	Metier not included in the samplin program (see text)
ITA	IOTC_PS_LPF_0_0_0	Indian ocean purse seiner	NA	NA	Metier not included in the samplin program (see text)

Table 4C: Data on the fisheries by member state

										WP		2017-2019	
										WP date of submission		31/10/2016	
MS	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Reference years	Fleet segment / Metier	Targeted species / species assemblage	Average number of vessels	Average number of fishing trips	Average number of fishing days	Average landings (tons)	Average landings (tons) in national ports	Average landings (tons) in foreign ports	Comments
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	OTB_DES_>=40_0_0	Demersal species	269	40849	40849	6709	6709	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	PS_SPF_>=14_0_0	Small pelagic species	54	4180	4180	5658	5658	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	GTR_DES_>=16_0_0	Demersal species	843	82792	82792	1957	1957	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	GNS_DEF_>=16_0_0	Demersal species	363	35902	35902	919	919	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	OTB_MDD_>=40_0_0	Demersal species	82	7165	7165	650	650	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	OTB_DWS_>=40_0_0	Demersal deep water species	54	4492	4492	135	135	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	SB_SV_DES_0_0_0	Demersal species	121	3032	3032	49	49	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	PS_SPF_>=14_0_0	Small pelagic species	213	14429	14429	5914	5914	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	OTB_DES_>=40_0_0	Demersal species	189	19889	19889	2430	2430	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	GTR_DES_>=16_0_0	Demersal species	920	92448	92448	1752	1752	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	OTB_MDD_>=40_0_0	Demersal species	138	12892	12892	1398	1398	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	LLS_DEF_0_0_0	Demersal species	452	34708	34708	1262	1262	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	GNS_DEF_>=16_0_0	Demersal species	553	58974	58974	1042	1042	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	OTB_DWS_>=40_0_0	Demersal deep water species	69	4757	4757	336	336	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2013-2015	GTR_DES_>=16_0_0	Demersal species	781	81708	81708	1684	1684	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2013-2015	OTB_DES_>=40_0_0	Demersal species	113	9210	9210	1397	1397	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2013-2015	FPO_DES_0_0_0	Demersal species	431	30253	30253	923	923	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2013-2015	OTB_MDD_>=40_0_0	Demersal species	51	4484	4484	830	830	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2013-2015	GNS_DEF_>=16_0_0	Demersal species	331	19389	19389	483	483	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2013-2015	LLS_DEF_0_0_0	Demersal species	164	6267	6267	180	180	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	OTB_DES_>=40_0_0	Demersal species	310	37607	37607	8704	8704	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	OTB_MDD_>=40_0_0	Demersal species	135	12639	12639	3024	3024	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	PS_SPF_>=14_0_0	Small pelagic species	34	2452	2452	2963	2963	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	OTB_DWS_>=40_0_0	Demersal deep water species	89	8165	8165	1610	1610	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	GTR_DES_>=16_0_0	Demersal species	515	57905	57905	1416	1416	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	PTM_SPF_>=20_0_0	Small pelagic species	18	2258	2258	1133	1133	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2013-2015	LLS_DEF_0_0_0	Demersal species	91	8081	8081	282	282	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	PTM_SPF_>=20_0_0	Small pelagic species	118	15669	15669	38079	38079	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	OTB_DES_>=40_0_0	Demersal species	614	64141	64141	15835	15835	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	TBB_DES_0_0_0	Demersal species	88	9712	9712	4281	4281	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	PS_SPF_>=14_0_0	Small pelagic species	28	2340	2340	2558	2558	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	GNS_DEF_>=16_0_0	Demersal species	866	66960	66960	2353	2353	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	FPO_DES_0_0_0	Demersal species	694	24007	24007	924	924	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	GTR_DES_>=16_0_0	Demersal species	283	18449	18449	1158	1158	0	

MS	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Reference years	Fleet segment / Metier	Targeted species / species assemblage	Average number of vessels	Average number of fishing trips	Average number of fishing days	Average landings (tons)	Average landings (tons) in national ports	Average landings (tons) in foreign ports	Comments
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	OTB_DES_>=40_0_0	Demersal species	423	53869	53869	11799	11799	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	PTM_SPF_>=20_0_0	Small pelagic species	25	2996	2996	5844	5844	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	PS_SPF_>=14_0_0	Small pelagic species	6	668	668	1412	1412	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	LLS_DEF_0_0_0	Demersal species	27	3537	3537	659	659	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	GNS_DEF_>=16_0_0	Demersal species	316	43225	43225	1039	1039	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	OTB_MDD_>=40_0_0	Demersal species	47	2558	2558	570	570	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	GTR_DES_>=16_0_0	Demersal species	193	18806	18806	346	346	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	FYK_DES_0_0_0	Demersal species	81	5209	5209	81	81	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	FPO_DES_0_0_0	Demersal species	112	4396	4396	34	34	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	OTB_MDD_>=40_0_0	Demersal species	175	20269	20269	1864	1864	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	GNS_DEF_>=16_0_0	Demersal species	556	80446	80446	1437	1437	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	GTR_DES_>=16_0_0	Demersal species	660	101907	101907	1313	1313	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	LLS_DEF_0_0_0	Demersal species	256	25723	25723	1107	1107	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	PS_SPF_>=14_0_0	Small pelagic species	34	2832	2832	732	732	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	OTB_DWS_>=40_0_0	Demersal deep water species	115	13077	13077	622	622	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	OTB_DES_>=40_0_0	Demersal species	76	3952	3952	385	385	0	
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2013-2015	GND_SPF_0_0_0	Small pelagic species	31	2819	2819	110	110	0	
ITA	Mediterranean and Black Sea	ICCAT, GFCM	all areas	2013-2015	LLD_LPF_0_0_0	Large pelagic species	1301	70488	70488	5900	5900	0	
ITA	Mediterranean and Black Sea	ICCAT, GFCM	all areas	2013-2015	PS_LPF_0_0_0	Large pelagic species	365	11167	11167	3380	3380	0	It should be recalled that, on the basis of the ICCAT Recommendations (2010/04 and 2012/03) and the EU Reg. 500/2012, the observer on board of the PS_LPF targeting <i>T. thynnus</i> , can be only appointed by ICCAT. Tuna are transferred alive in the cages making difficulties landing or market observations. 2) Purse seine for <i>C. hippurus</i> includes the monitoring of FAD.
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2013-2015	DRB_MOL_0_0_0	Molluscs	23	1410	1410	128	128	0	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2013-2015	DRB_MOL_0_0_0	Molluscs	12	725	725	74	74	0	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2013-2015	DRB_MOL_0_0_0	Molluscs	530	44091	44091	15460	15460	0	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 18	2013-2015	DRB_MOL_0_0_0	Molluscs	47	2765	2765	412	412	0	Hydraulic and boat dredges for molluscs are under managment plans (MP). Data (i.e. length composition, sex, maturity, weight and age) will be collected according to the MP for the following species: Chamelea gallina (main target species), Callista chione and Ensis minor
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2017-2019	FPO_DES_0_0_0	demersal species	65	657	657	12	12	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2017-2019	FYK_CAT_0_0_0	demersal species	35	1172	1172	26	26	0	Metier not selected by the ranking system

MS	Region	RFMO/RFO /IO	Sub-area / Fishing ground	Reference years	Fleet segment / Metier	Targeted species / species assemblage	Average number of vessels	Average number of fishing trips	Average number of fishing days	Average landings (tons)	Average landings (tons) in national ports	Average landings (tons) in foreign ports	Comments
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2017-2019	FYK_DES_0_0_0	demersal species	18	35	35	1	1	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2017-2019	GNS_SLP_>=16_0_0	small pelagic	90	3057	3057	59	59	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 9	2017-2019	LLS_DEF_0_0_0	demersal species	53	1391	1391	55	55	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	FPO_DES_0_0_0	demersal species	197	8060	8060	128	128	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	GND_SPF_0_0_0	small pelagic	14	229	229	9	9	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	GNS_SLP_>=16_0_0	small pelagic	112	2832	2832	129	129	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	LHP_LHM_CEP_0_0_0	cephalopods	171	8180	8180	94	94	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	LHP_LHM_FIF_0_0_0	pelagic species	71	706	706	9	9	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	OTM_MPD_>=20_0_0	pelagic and demersal species	22	4277	4277	348	348	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 10	2017-2019	SB_SV_DES_0_0_0	demersal species	19	459	459	19	19	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	FYK_CAT_0_0_0	demersal species	10	87	87	2	2	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	GNS_SLP_>=16_0_0	small pelagic	34	143	143	2	2	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	LHP_LHM_CEP_0_0_0	cephalopods	99	988	988	7	7	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	LHP_LHM_FIF_0_0_0	pelagic species	16	93	93	2	2	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	OTB_DWS_>=40_0_0	demersal species	22	1176	1176	135	135	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	PS_SPF_>=14_0_0	small pelagic	32	853	853	701	701	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 11	2017-2019	SB_SV_DES_0_0_0	demersal species	24	146	146	14	14	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	FPO_DES_0_0_0	demersal species	7	201	201	9	9	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	GNS_DEF_>=16_0_0	demersal species	62	4825	4825	173	173	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	GNS_SLP_>=16_0_0	small pelagic	17	378	378	17	17	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	LHP_LHM_CEP_0_0_0	cephalopods	36	982	982	13	13	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	LHP_LHM_FIF_0_0_0	pelagic species	7	105	105	1	1	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	OTM_MPD_>=20_0_0	pelagic and demersal species	7	854	854	459	459	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 16	2017-2019	SB_SV_DES_0_0_0	demersal species	52	1054	1054	53	53	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2017-2019	FYK_CAT_0_0_0	demersal species	55	532	532	5	5	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2017-2019	FYK_DES_0_0_0	demersal species	376	26511	26511	1106	1106	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2017-2019	OTB_DWS_>=40_0_0	demersal species	1	164	164	7	7	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2017-2019	OTB_MDD_>=40_0_0	demersal species	12	741	741	203	203	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 17	2017-2019	OTM_MPD_>=20_0_0	pelagic and demersal species	6	259	259	124	124	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2017-2019	FPO_DES_0_0_0	demersal species	63	5401	5401	71	71	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2017-2019	GNS_SLP_>=16_0_0	small pelagic	193	12953	12953	240	240	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2017-2019	LHP_LHM_CEP_0_0_0	cephalopods	51	3723	3723	39	39	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2017-2019	OTM_MPD_>=20_0_0	pelagic and demersal species	4	91	91	33	33	0	Metier not selected by the ranking system
ITA	Mediterranean Sea and Black Sea	GFCM	GSA 19	2017-2019	SB_SV_DES_0_0_0	demersal species	128	5014	5014	129	129	0	Metier not selected by the ranking system
ITA	Atlantic Ocean	CECAF	FAO Area 34.1	2017-2019	OTB_CEP_>=40_0_0	cephalopods	7	328	328	632	632	0	Metier not included in the samplin program (see text)
ITA	Indian Ocean	IOTC	FAO Area 51.7	2017-2019	PS_LPF_0_0_0	Large pelagic species	1	142	142	2107	2107	0	Metier not included in the samplin program (see text)

Table 4D: Landing locations

							WP		2017-2019	
							WP date of submission		31/10/2016	
MS	Region	Sub-area / Fishing ground	Reference years	Landing locations(s)	Average number of locations	Average number of registered landings	Average landed tonnage	Average landed tonnage of national fleet	Average landed tonnage of foreign fleet	Comments
ITA	Mediterranean Sea and Black Sea	GSA 9	2013-2015	all ports	55	101175	17429	17429	-	
ITA	Mediterranean Sea and Black Sea	GSA 10	2013-2015	all ports	58	76215	18686	18686	-	
ITA	Mediterranean Sea and Black Sea	GSA 11	2013-2015	all ports	22	38234	6292	6292	-	
ITA	Mediterranean Sea and Black Sea	GSA 16	2013-2015	all ports	16	73731	20850	20850	-	
ITA	Mediterranean Sea and Black Sea	GSA 17	2013-2015	all ports	41	258907	84376	84376	-	
ITA	Mediterranean Sea and Black Sea	GSA 18	2013-2015	all ports	17	67854	22553	22553	-	
ITA	Mediterranean Sea and Black Sea	GSA 19	2013-2015	all ports	30	61403	10592	10592	-	

Table 5A: Quality assurance framework for biological data

							Sampling design		Sampling implementation	Data capture		Data Storage	
MS	MS participating in sampling	Sampling year/ period	Region	RFMO/RFO/O	Name of sampling scheme	Sampling frame	Is the sampling design documented?	Where can documentation on sampling design be found?	Are non-responses and refusals recorded?	Are quality checks to validate detailed data documented?	Where can documentation on quality checks for data capture be found?	In which national database are data stored?	In which international database(s) are data stored?
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of purse seiners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of beach seines and boat vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of purse seiners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of longliners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA

MS	MS participating in sampling	Sampling year/ period	Region	RFMO/RFO/IO	Name of sampling scheme	Sampling frame	Is the sampling design documented?	Where can documentation on sampling design be found?	Are non-responses and refusals recorded?	Are quality checks to validate detailed data documented?	Where can documentation on quality checks for data capture be found?	In which national database are data stored?	In which international database(s) are data stored?
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of longliners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of purse seiners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of longliners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of purse seiners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA

MS	MS participating in sampling	Sampling year/ period	Region	RFMO/RFO/IO	Name of sampling scheme	Sampling frame	Is the sampling design documented?	Where can documentation on sampling design be found?	Are non-responses and refusals recorded?	Are quality checks to validate detailed data documented?	Where can documentation on quality checks for data capture be found?	In which national database are data stored?	In which international database(s) are data stored?
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of purse seiners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of longliners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of longliners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	vessel list of purse seiners	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	vessel list of trawlers	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at landing and at market	list of small scale vessels	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA

MS	MS participating in sampling	Sampling year/ period	Region	RFMO/RFO/IO	Name of sampling scheme	Sampling frame	Is the sampling design documented?	Where can documentation on sampling design be found?	Are non-responses and refusals recorded?	Are quality checks to validate detailed data documented?	Where can documentation on quality checks for data capture be found?	In which national database are data stored?	In which international database(s) are data stored?
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE-HRV	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	Sampling at sea, at landing and at market	List of vessels operating with longline for large pelagic	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ESP-FRA-ITA-MTL-SLO-CYP-GRE-HRV	2017-2019	Mediterranean Sea and Black Sea	ICCAT, GFCM	Sampling at sea, at landing and at market	List of vessels operating with purse seine for large pelagic and utilising FAD	Y	Linee guida Raccolta dati biologici - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	N	NA	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	N	NA	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	N	NA	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA
ITA	ITA	2017-2019	Mediterranean Sea and Black Sea	GFCM	Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	N	NA	Y	Y	http://dcf-italia.cnr.it/reserved/lineeguida/1	Database "Programma Nazionale Raccolta Dati Alleutici"	NA

* Note: in the comments has been added, for easy comparison the "Stratum ID code" as in table 4A

			WP	2017-2019		
			WP date of submission		31/10/2016	
Data processing						
Name of sampling scheme	Sampling frame	Are processes to evaluate data accuracy (bias and precision) documented?	Where can documentation on processes to evaluate accuracy be found?	Are the editing and imputation methods documented?	Where can documentation on editing and imputation be found?	Comments *
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_OTB_DES_>=40_0_0
Sampling at landing and at market	vessel list of purse seiners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_PS_SPF_>=14_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_GTR_DES_>=16_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_GNS_DEF_>=16_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_OTB_MDD_>=40_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_OTB_DWS_>=40_0_0
Sampling at landing and at market	list of beach seines and boat vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_SB_SV_DES_0_0_0
Sampling at landing and at market	vessel list of purse seiners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_PS_SPF_>=14_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_OTB_DES_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_GTR_DES_>=16_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_OTB_MDD_>=40_0_0
Sampling at landing and at market	vessel list of longliners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_LLS_DEF_0_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_GNS_DEF_>=16_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 10_OTB_DWS_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 11_GTR_DES_>=16_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 11_OTB_DES_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 11_FPO_DES_0_0_0

Name of sampling scheme	Sampling frame	Are processes to evaluate data accuracy (bias and precision) documented?	Where can documentation on processes to evaluate accuracy be found?	Are the editing and imputation methods documented?	Where can documentation on editing and imputation be found?	Comments *
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 11_OTB_MDD_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 11_GNS_DEF_>=16_0_0
Sampling at landing and at market	vessel list of longliners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 11_LLS_DEF_0_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_OTB_DES_>=40_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_OTB_MDD_>=40_0_0
Sampling at landing and at market	vessel list of purse seiners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_PS_SPF_>=14_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_OTB_DWS_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_GTR_DES_>=16_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_PTM_SPF_>=20_0_0
Sampling at landing and at market	vessel list of longliners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 16_LLS_DEF_0_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_PTM_SPF_>=20_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_OTB_DES_>=40_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_TBB_DES_0_0_0
Sampling at landing and at market	vessel list of purse seiners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_PS_SPF_>=14_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_GNS_DEF_>=16_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_FPO_DES_0_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 17_GTR_DES_>=16_0_0

Name of sampling scheme	Sampling frame	Are processes to evaluate data accuracy (bias and precision) documented?	Where can documentation on processes to evaluate accuracy be found?	Are the editing and imputation methods documented?	Where can documentation on editing and imputation be found?	Comments *
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_OTB_DES_>=40_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_PTM_SPF_>=20_0_0
Sampling at landing and at market	vessel list of purse seiners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_PS_SPF_>=14_0_0
Sampling at landing and at market	vessel list of longliners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_LLS_DEF_0_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_GNS_DEF_>=16_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_OTB_MDD_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_GTR_DES_>=16_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_FYK_DES_0_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 18_FPO_DES_0_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_OTB_MDD_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_GNS_DEF_>=16_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_GTR_DES_>=16_0_0
Sampling at landing and at market	vessel list of longliners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_LLS_DEF_0_0_0
Sampling at landing and at market	vessel list of purse seiners	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_PS_SPF_>=14_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_OTB_DWS_>=40_0_0
Sampling at sea, at landing and at market	vessel list of trawlers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_OTB_DES_>=40_0_0
Sampling at landing and at market	list of small scale vessels	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 19_GND_SPF_0_0_0

Name of sampling scheme	Sampling frame	Are processes to evaluate data accuracy (bias and precision) documented?	Where can documentation on processes to evaluate accuracy be found?	Are the editing and imputation methods documented?	Where can documentation on editing and imputation be found?	Comments *
Sampling at sea, at landing and at market	List of vessels operating with longline for large pelagic	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	all areas_LLD_LPF_0_0_0
Sampling at sea, at landing and at market	List of vessels operating with purse seine for large pelagic and utilising FAD	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	all areas_PS_LPF_0_0_0
Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_DRB_MOL_0_0_0. Sampling design to collect data on hydraulic dredges and the biological information for bivalves will follow to the requirements of the Italian Management Plans for Hydraulic dredge and molluscs (Art 19 Reg. EU n. 1967/2006).Data collected will be stored in the national database.
Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_DRB_MOL_0_0_0. Sampling design to collect data on hydraulic dredges and the biological information for bivalves will follow to the requirements of the Italian Management Plans for Hydraulic dredge and molluscs (Art 19 Reg. EU n. 1967/2006).Data collected will be stored in the national database.
Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_DRB_MOL_0_0_0. Sampling design to collect data on hydraulic dredges and the biological information for bivalves will follow to the requirements of the Italian Management Plans for Hydraulic dredge and molluscs (Art 19 Reg. EU n. 1967/2006).Data collected will be stored in the national database.
Sampling at sea, at landing and at market	List of vessels operating with hydraulic dredgers	Y	"Controllo qualità variabili biologiche" - http://dcf-italia.cnr.it/reserved/lineeguida/1	Y	"Vol 1_ Codifiche_Parametri_Data_Collection_Reg_199" - http://dcf-italia.cnr.it/reserved/lineeguida/1	GSA 9_DRB_MOL_0_0_0. Sampling design to collect data on hydraulic dredges and the biological information for bivalves will follow to the requirements of the Italian Management Plans for Hydraulic dredge and molluscs (Art 19 Reg. EU n. 1967/2006).Data collected will be stored in the national database.

as in table 4A

Table 5B: Quality assurance framework for socio-economic data

[illegible]

k for socio-economic data												WP	2017-2019
												WP date of	31/10/2016
		Statistical Outputs											
		P8 Cost effectiveness	P9 Relevance	P10 Accuracy and reliability		P11 Timeliness and punctuality	P12 coherence and comparability		P13 Accessibility and Clarity			Comments	
Name of data collection scheme	Name of data sources	Do automatic techniques for data capture, data coding and validation exist?	Are end-users listed and updated?	Are sources, intermediate results and outputs regularly assessed and validated?	Are errors measured and documented ?	Are procedures in place to ensure timely execution?	Are procedures in place to monitor internal coherence?	Are statistics comparable over time?	Are methodological documents publicly available?	Are data stored in databases?	Where can documentation be found?		
Fleet Economics	Questionnaires/accounts	Y	Y	Y	Y	Y	Y	Y	Y	Y	http://dcf-italia.cnr.it/main/docs/14		
Aquaculture Economics	Questionnaires/accounts	Y	Y	Y	Y	Y	Y	Y	Y	Y	http://dcf-italia.cnr.it/main/docs/14	Main methodological documents are available on ITA DCF web site. Further refinement to the methodologies and additional documents will be carried in 2017 out and the related documents will be uploaded on the appropriate websites.	
Processing	Questionnaires/accounts	Y	Y	Y	Y	Y	Y	Y	Y	Y	www.istat.it/en/tools/methods-and-it-tools	Additional methodological documents and related documents will be ultimated during 2017 and will uploaded on the DCF websites.	

Table 6A: Data availability

						WP	2017-2019
						WP date of submission	31/10/2016
MS	Data set	Section	Variable group	Year(s) of WP implementation	Reference year	Final data available after	Comments
ITA	Biological data	1A, 1B, 1C	all	N	N	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016). The RCM Med&BS-LP agreement on the availability of biological data 6 months after the completion of the reference year is in agreement with the GFCM DCRF requirements and is based on i. the time required for the availability of fishing activity data (landings and effort data), ii. the resources available for data handling (e.g. age reading) and iii. the required work for processing the data for scientific use .
ITA	Recreational data	1D	all	N	N	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Anadromous & catadromous spec.	1E	all	N	N	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016). RCM Med&BS-LP agreed on the provision of length data on an annual basis and age data on a triennial basis
ITA	Ecosystem data incidental by-catch	1F	all	N	N	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Ecosystem data impact of fisheries	1F	all	N	N	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Fishing Activity Variable	2A	all	N	N	N+1 May 31	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Fleet economic	3A	all	N	N-1	N+1 March 1	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Aquaculture economic	3B	all	N	N-1	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Fish processing economic	3C	all	N	N-1	N+1 June 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Survey data MEDITS	G, H	all	N	N	N+1 April 30	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Survey data MEDIAS	G, H	all	N	N	N+1 March 31	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Survey data SOLEMON	G, H	all	N	N	N+1 March 32	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)
ITA	Special data fleet, aquaculture and processing	3A, 3B, 3C	all	N	N-1	N+1 March 1	Deadline agreed at Regional level (RCMMed&BS-LP, 2016)

Table 7A: Planned regional and international coordination

				WP	2017-2019
				WP date of submission	31/10/2016
MS	Acronym	Name of meeting	RFMO/RFO/IO	Planned MS participation	Comments
ITA	RCM Med&BS	RCM for the Mediterranean & Black Sea	EU	X	
ITA	RCM LP	RCM for the Large Pelagics Fisheries	EU	X	
ITA	RCM LDF	RCM for the Long Distance Fisheries	EU	X	
ITA	PGECON	Planning Group on Economic Issues	EU	X	
	PGECON WS	WS organized within PGECON	EU		
ITA	LM	Liaison Meeting	EU	X	
ITA	PGMED	Mediterranean Planning Group for Methodological Development	EU	X	
ITA	Med&BS RDB	Meeting of the Steering Committee of the Regional Database - Mediterranean & Black Sea	EU	X	
ITA	Medits WP	Coordination meeting for MEDITs (Mediterranean Demersal Trawl Surveys) Working Group	GFCM	X	
ITA	Medias WP	Coordination meeting for MEDIAS (Pan Mediterranean Survey for Small Pelagics)	GFCM	X	
ITA	SoleMon WP	Coordination meeting for SOLEMON	GFCM	X	
ITA		Working Group on the Amendment of GFCM Rules of Procedures and Financial Regulations	GFCM	X	
ITA	COC	CoC Intersessional meeting (including a session on legislation)	GFCM	X	
ITA	SAC SA	SAC subcommittees on Stock Assessment	GFCM	X	
ITA	SAC SCESS	SAC subcommittees on Economic and Social Sciences	GFCM	X	
ITA		Follow-up workshop for the implementation of management measures in selected case studies	GFCM	X	
ITA	CAQ	Committee on Aquaculture - 9th session	GFCM	X	
ITA		4th meeting of the Working Group on the Black Sea	GFCM	X	
ITA	SAC	Scientific Advisory Committee	GFCM	X	
ITA		Working group on VMS and related control systems in the GFCM area	GFCM	X	
ITA		Follow-up workshop on the implementation of the IUU roadmap	GFCM	X	
ITA		Second Regional Symposium on Sustainable Small-Scale Fisheries in the Mediterranean and the Black Sea	GFCM	X	
ITA	GFCM AGS	Annual General Session of GFCM	GFCM	X	
ITA		Second meeting of the Working Group on Marine Protected Areas (possibly back-to-back with the RAC/SPA meeting on SPAMIs)	GFCM	X	
ITA	SAC SC	Any SAC Sub-Committees, Sub-regional Committees, Workshops and Working Groups (eg. Marine Protected Areas)	GFCM	X	
ITA		Any GFCM Committees (eg. CoC, Committee on Aquaculture), Workshops (eg. on the implementation of management measures, IUU), Working Groups (eg. Black Sea, VMS and related control systems, GFCM Rules and Procedures, Financial Regulations), Symposia and Training	GFCM	X	
ITA	ICCAT AS	ICCAT Annual Session	ICCAT	X	
ITA	ICCAT SCRS	SCRS Annual Session	ICCAT	X	
ITA		Working Group on Stock Assessment Methods	ICCAT	X	
ITA	SC Statistics	SCRS Species Groups meetings	ICCAT	X	
ITA		Any SCRS Data Preparatory Meeting, Working Group, Stock Assessment Meeting and Training as relevant to the Mediterranean	ICCAT	X	
ITA		Any ICES Workshop and Planning Group as relevant to the Mediterranean	ICES	X	
ITA	WGBEAM	Working Group on Beam Trawl Surveys	ICES	X	

Table 7B: Follow-up of recommendations and agreements

								WP	2017-2019
								WP date of submission	31/10/2016
MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendation number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	ICCAT	ICCAT SCRS Report for biennial period, 2014-15 PART I (2014) - Vol. 2		Species' specific recommendations	NA	None	Italy will follow this recommendation.	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/40/2016/2 on the progressive implementation of data submission in line with the Data Collection Reference Framework (DCRF)	All	Data submission	GFCM/40/2016/2	The progressive implementation of data submission in line with the Data Collection Reference Framework (DCRF)	Italy is following this recommendation. Further Italy is implementing the GFCM Pilot study on the online data submission facilities for the DCRF data	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/40/2016/3 establishing further emergency measures in 2017 and 2018 for small pelagic stocks in the Adriatic Sea (GSA 17 and GSA 18)		Emergency measures	GFCM/40/2016/3	The establishment of further emergency measures in 2017 and 2018 for small pelagic stocks in the Adriatic Sea (GSA 17 and GSA 18)	Italy is following this recommendation. Requested data have been already sent to GFCM	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/40/2016/4 establishing a multiannual plan for the fisheries exploiting European hake and deep-water rose shrimp in the Strait of Sicily (GSAs 12 to 16)		Multiannual plan	GFCM/40/2016/4	The establishment of a multiannual plan for the fisheries exploiting European hake and deep-water rose shrimp in the Strait of Sicily (GSAs 12 to 16)	Italy is following this recommendation. Requested data have been already sent to GFCM	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/40/2016/5 establishing a minimum conservation reference size for European hake in the Mediterranean Sea		Minimum conservation reference size for European hake	GFCM/40/2016/5	The establishment of a minimum conservation reference size for European hake in the Mediterranean Sea	Italy is following this recommendation and through the data collection activities (EU Map) will send the required data.	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/40/2016/6 on scientific monitoring, management and control of turbot fisheries in the Black Sea (GSA29)		Turbot fisheries monitoring, management and control	GFCM/40/2016/6	The scientific monitoring, management and control of turbot fisheries in the Black Sea (GSA29)	Not relevant for Italy. No action needed	
ITA	Mediterranean Sea and Black Sea	NA	STECF-16-12 (EWG 16-08)		Evaluate Member States Transmission of DCF Data to end users in 2015	NA	The data transmission failures which were highlighted for Italy, all of which were rated as being of either low or medium have been checked. Replies have been classified as "satisfactory".	Italy followed STECF comments and data transmitted during 2016 have been corrected/re-evaluated.	
ITA	Mediterranean Sea and Black Sea	NA	STECF-16-12		Quality assurance procedures for biological and economic variables	NA	None	Italy will takes into consideration the feedback of the end users on quality issues for the preparation and implementation of the quality assurance framework.	
ITA	Mediterranean Sea and Black Sea	NA	STECF-16-11	All	DCF Data coverage and quality	NA	None	Italy will follow this recommendation.	
ITA	Mediterranean Sea and Black Sea	ICCAT	SCRS 2016		Recommendation on Mediterranean albacore: data issues	NA	Reliable evaluation of Mediterranean albacore stock status is hindered by the inexistence (or low quality) of catch, catch-effort and size statistics over time for some of the major fleets. As a prerequisite of a successful assessment of the stock, a complete revision of Task I (aggregated catch, by gear/fleet) and Task II (catch-effort, size) data is required.	Italy will continue to provide the best available data on albacore collected under Control Regulation and EU MAP.	

MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendation number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	ICCAT	SCRS 2016		Recommendation on Mediterranean swordfish: data issues	NA	<p><u>Length-Weight relationships:</u> Ongoing work and preliminary results shown to the Group indicate that the Length-Weight relationships currently in use in ICCAT for the entire Mediterranean might not be the most appropriate, as there may be spatial differences between the east and west Mediterranean. Therefore the Committee recommended this revision to continue, and an effort to be made to incorporate all available data sets into the analysis, including data from different Mediterranean regions and fisheries.</p> <p><u>Discards:</u> Recently adopted management measures may have increased discard levels, therefore the Group noted that participating countries should improve their estimates of discards of juvenile swordfish, not only from the swordfish targeting fisheries but also from the albacore ones, and submit such information to the ICCAT Secretariat.</p>	Italy will continue to collect biological and discards data on swordfish in accordance with the EU MAP requirements and according to regional sampling, for transmission to ICCAT.	RCM Med&BS has addressed in the past the problem of lack of reporting forms for submission of stock related variables of large pelagic to ICCAT. During 2012, RCM Med&BS recommended the development of reporting forms by ICCAT Secretariat for submitting information on individual stock-related variables for the large pelagic; DGMARE was requested to contact and collaborate with ICCAT on the development of these forms. No such forms have been developed so far.
ITA	Mediterranean Sea and Black Sea	ICCAT	SCRS 2016		Recommendation of Sub-Group on Statistics on Small Tunas		The Group recommends that CPCs report frigate tuna catches (FRI, Auxis thazard) in the Mediterranean as bullet tuna (BLT, Auxis rochei) because the most recent published genetic studies indicate that FRI do not exist in the Mediterranean.	Italy will follow this recommendation when submitting data on small tuna	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/36/2012/2 On mitigation of incidental catches of cetaceans in the GFCM area	1F	Incidental catches of cetaceans	GFCM/36/2012/2	The CPCs shall collect and forward to the GFCM Secretariat, both through their national reporting to SAC and the Task 1.4, information on by-catch rates of cetaceans taking into account, amongst other relevant information: fisheries concerned, characteristics of gear type, times, locations (either by GSA or statistical rectangles) and affected cetacean species.	Italy follows this recommendation.	
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/35/2011/4 On the incidental bycatch of sea turtles in fisheries in the GFCM Competence Area	1F	Incidental bycatch of sea turtles	GFCM/35/2011/4	CPCs shall ensure that incidental taking of sea turtles in fishing activities is monitored and recorded. Starting no later than 2013, the SAC annual national reports shall contain information on the interaction of the fishing fleets with sea turtles in GFCM fisheries by gear type and characteristics: times, soak duration, depths and locations, target species, sea turtles species and disposition status of sea turtle specimen(s) (i.e. discarded death or released alive)	Italy will follow this recommendation. Pilot studies to evaluate the impact of fisheries on incidental catch of vulnerable species will start, coordinated at regional level, during 2017-2018	

MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendation number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	GFCM	Recommendation GFCM/40/2016/2 on the progressive implementation of data submission in line with the Data Collection Reference Framework (DCRF)	All	Data submission	GFCM/40/2016/2	CPCs shall submit to the GFCM Secretariat national data on catch, incidental catch of vulnerable species, fishing effort, socio-economics and biological information (as specified in Annex 1) for the first time in 2017, and subsequently on each calendar year, in accordance with appropriate data submission standards, procedures and protocols. In addition , CPCs shall submit to the GFCM Secretariat for the first time in 2017, and subsequently on each calendar year, information needed to assess the status of those stocks considered priority by the Commission. Such submission shall be done using the stock assessment form (SAF). CPCs shall submit the data according to submission specifications (reporting schedule, reference year and frequency) as defined in Annex 4. The first data submission in 2017 shall also cover the preceding two-year timeframe, i.e. 2015 and 2016.	Italy will submit data in accordance with the recommendation.	
ITA	Mediterranean Sea and Black Sea	NA	LM 2016		Regional Database RDB for Med&BS (Med&BS-RDB)	RCM Med&BS-LP 2016 recommendation LM 11	RCM Med&BS-LP 2016 recommends that the Commission should give clear indications on the possibilities to implement the Med&BS RDBs, hosted by GFCM secretariat, as soon as possible. LM endorses this recommendation.	NA	Relevant report not finalised during preparation of WP, numbering of sections not available
ITA	Mediterranean Sea and Black Sea	ICCAT	LM 2016		LM 17. RCM LP: Minor changes to EU map ANNEX tables.	RCM LP 2016 Recommendation LM 17	RCM LP recommends some minor changes to the EU Map annex to be considered during the EU Map revision. All these proposed changes are considered priorities for the end user (tuna RFMOs). The RCM LP recommends to include number of FADs data under effort variables included in table 4 (Fishing activity variables) from EU MAP annex. At the same time, RCM LP recommends moving <i>Isurus oxyrinchus</i> from table 1D to table 1C from EU MAP annex, as it is one of the main landed sharks by the EU fleet targeting large pelagics, and one of the high priority species among tuna RFMOs. LM endorses this recommendation.	Italy has included <i>Isurus oxyrinchus</i> in Table 1A of Work Plan.	
ITA	Mediterranean Sea and Black Sea	ICCAT	LM 2016		Workshop on Longline data collection coordination	RCM LP 2016 Recommendation LM 21	The RCM LP considers that a workshop to coordinate longline fisheries in which matters such as data acquisition, sampling methodology, and sampling coordination issues are discussed would be beneficial for the data collection on LP species. Follow-up actions needed: Coordination between research institutes involved in LL fisheries. LM endorses this recommendation.	Italy will coordinate its sampling in LL_LP fisheries with other relevant countries.	

MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendation number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016		Proposed Changes to STECF DCF Data Calls & Pilot Data Call in 2017	RCM Med&BS-LP Recommendation LM 7	<p>The RCM MED&BS – LP recommends that: The 2017 data call for transversal data should be drafted according to data format and codification already agreed at regional levels and taking into account the results of MARE 19 project, deliverable 2.4 report on methodologies used in MED &BS member states to collect transversal data (assessment, comparison, identification of gaps) and also deliverable 2.2-2.7; The draft of the 2017 data call (requirements and format) should be circulated among National Correspondents and RCM chairs before its finalization; The 2017 data call should be launched at least two months before the deadline for submission of data; The 2017 data call should be launched in the second semester of 2017; The Data calls from 2018 should consider the timing for data availability agreed at regional level.</p>	Italy (NC) will provide feedback on draft data call for transversal data that will be circulated. The agreements made at regional level on identification of metiers and other coding will be respected during the preparation of the relevant Data Calls	Relevant report not finalised during preparation of WP, numbering not available
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016		Data availability and official data calls	RCM Med&BS-LP Recommendation:	RCM Med&BS-LP agreed on common dates on data availability and requests relevant MS to refer to these when completing Table 6A- Data availability in their Work Plans. MS and end users are requested to follow agreed availability dates and to respect recommendations on the format of data calls.	Italy has completed Table 6A of WP in accordance with the regional agreement. The agreed availability dates and the recommendations on the format and codes of the data calls will be respected.	Relevant report not finalised during preparation of WP, numbering not available
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	4A, 4B, 4C	Merging of length classes	RCM Med&BS-LP 2016 Recommendation LM 9	The Mediterranean and Black Sea data call issued by the JRC should consider the possibility given to a MS to merge the length classes for different metier and should allow the upload of data with merged length classes. Follow-up actions needed: MS to merge vessel length classes according to proper scientific justification, if needed. JRC to adapt data call in order to accept merged vessel length classes.	Recommendation will be followed.	
ITA	Mediterranean Sea and Black Sea	ICCAT	RCM Med&BS-LP 2016	1A	Table 1A - List of required stocks	RCM Med&BS-LP 2016 WP Agreement n.1	Table 1A: List of required stocks RCM Med&BS 2016 recommends that MS collect the length of large pelagic elasmobranchs (a list of which is found in Annex) from commercial catches, without any threshold being applied to these species.	Italy has included the collection of length (following the concurrently approach) of all elasmobranchs from commercial catches in its WP.	

MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendation number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	1A	Table 1A - List of required stocks	RCM Med&BS-LP 2016 WP Agreement n. 1	<ul style="list-style-type: none"> o All the species indicated in Tables 1A, 1B and 1C of the Commission Implementing Decision (EU) 2016/1251 should be included in this table. The species which will not be sampled are to be marked "N" and a clear justification is to be presented in the 'Comments' column. o In the column 'Area/Stock' insert FAO division. Then, in the 'Comments' column insert "Relevant in GSA/s XX". o Should there be species required for sampling by end-users (eg. GFCM) which are not included for sampling by the DC-MAP (refer to Tables 1A, 1B and 1C of Commission Implementing Decision (EU) 2016/1251), these are also to be included in this table. In the 'Comments' it is suggested to write "Species present in Appendix A of the GFCM DCRF". o In a similar manner species of local importance (eg. for Management Plans, especially those required by Article 19 of Commission Decision 1967/2006) are to be added to this table. 	Italy has followed this agreement	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	1B	Table 1B - Planning sampling for biological variables	RCM Med&BS-LP 2016 WP Agreement n. 2	<p>Stratification of stocks for data collection should follow the structure followed in the previous years (Group 1, 2 and 3 species as in the adopted GFCM-DCRF,</p> <p>2016). Annual biological parameters (sex, age, maturity, weight) shall be reported yearly for Group 1 species (as identified in the GFCM-DCRF Annex A.1);</p> <p>biological parameters (sex, age, maturity, weight) should be reported every three years for Group 2 species (as identified in the GFCM-DCRF Annex A.2) and <i>Anguilla Anguilla</i> (eel). Biological information (sex, weight and maturity) for all Group 3 sharks, other should be reported through the research surveys at sea. This is also in line with the approach, and the spatial stratification, as identified in the adopted GFCM-DCRF.</p> <p>Furthermore, if a species it is presents in Groups 1, 2 and 3 of the GFCM-DCRF (Annex A) but it is absent from Tables 1A, 1B and 1C of the DC-MAP this species should be included in the sampling plan. Concerning large pelagic species from Table 1C of Commission implementing Decision 2016/1251, length data should be reported yearly.</p> <p>Sex, maturity and weight should be reported in accordance with the end-user needs and coordination at marine region level.</p>	Italy has adopted this approach in the WP.	

MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendation number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	1C	Table 1C: Sampling intensity for biological variables	RCM Med&BS-LP 2016 WP Agreement n. 3	<p>The number of individuals to be sampled for biological data collection for demersal species and small pelagics should be calculated using the tool devised by the MARE/2014/19 project (Med&BS) in this regard.</p> <p>Since at this point in time the knowledge on how to use and run this tool amongst MS is scarce, the number of individuals to be sampled in the year 2017 is to be decided by the MS based on previous sampling knowledge.</p> <p>With regard to the number of individuals to be sampled for large pelagics, the RCM LP is currently working on devising an appropriate tool to calculate the optimum number of individuals to be sampled. As this tool is not available yet, the same number of individuals of large pelagic species as regionally agreed to be collected by each country for the previous triennial period (PGMed 2014) is to be retained, in the case the collection of the same biological parameters still applies. An updated version of this table is presented in the RCM Med&BS-LP report.</p>	Italy has proposed the number of individuals required for sampling based on previous knowledge. After proper training on the use of the tool devised by the MARE/2014/19 project, Italy will use this tool in order to plan the number of individuals.	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	1F	Table 1F - Incidental by-catch of birds, mammals, reptiles and fish	RCM Med&BS-LP 2016 WP Agreement n. 5	<p><u>Table 1F: Incidental by-catch of birds, mammals, reptiles and fish</u></p> <p>For 2017, MS may use the observers onboard required for the collection of biological data to collect this information. When onboard, MS are to collect data about these catches taking place since January of the same year.</p> <p>During RCM Med&BS 2017 a list of métiers important for incidental catches will be prepared and agreed. Based on this list, starting from 2018, MS will carry out pilot studies on a yearly basis. The RCM will select the métiers which will be sampled through the pilot studies in the following year. MS shall then perform onboard observations for those métiers which do not fall within the biological onboard observations but which are deemed important for incidental by-catch of PETs. Member States are encouraged to follow the methodology provided by MARE/2014/19 Med&BS Project</p>	Italy has followed this agreement	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	2A	Table 2A - Fishing activity variables data collection strategy	RCM Med&BS-LP 2016 WP Agreement n. 7	<p>Table 2A: Fishing activity variables data collection strategy</p> <p>The RCM Med&BS 2016 recommends MS to collect data about the 'length of the nets' for passive gears, 'number of hooks' and 'number of pots/traps' for all vessel lengths including those smaller than 10m. Columns J and M can be filled with the "% number of vessels" rather than with the "% number of trips". In this case this should be clearly indicated in the comments.</p>	Italy has included these variables in its WP.	

MS	Region	RFMO/RF O/IO	Source	Section	Topic	Recommendatio n number	Recommendation/ Agreement	Follow-up action	Comments
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	3A	Table 3A: Population segments for collection of economic and social data for fisheries	RCM Med&BS-LP 2016 WP Agreement n. 8	<u>Table 3A: Population segments for collection of economic and social data for fisheries</u> The RCM Med&BS 2016 considered fleet segments which are not recreational but do not fish for profit. The meeting recommends that the recommendations emanating from PGEcon in this regard are to be taken onboard in the future. Social variables will be collected as from 2018, thus PGEcon can provide guidance on these variables in 2017.	Italy will adopt the recommendations that will be provided with regard to fleet segments which are not recreational but do not fish for profit as well as with regard to social variables to be collected as from January 2018.	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	3B	Population segments for collection of economic and social data for aquaculture	RCM Med&BS-LP 2016 WP Agreement n. 9	<u>Table 3B: Population segments for collection of economic and social data for aquaculture</u> RCM Med&BS 2016 recommends collecting data of inactive vessels by length class.	Italy will collect data of inactive vessels by length class	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	4A	Table 4A - Sampling plan description for biological data	RCM Med&BS-LP 2016 WP Agreement n. 10	Table 4B: Sampling frame description for biological data MS are to report data by métiers as recommended by RCM Med&BS 2009. This list of métiers is being reproduced in RCM MED&BS-LP 2016 report for ease of reference.	Italy will report data by métiers as indicated in the table in RCM MED&BS-LP 2016 report	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	1E	Table 1E Andaromous and catadromous species data	RCM Med&BS-LP 2016 WP Agreement n. 4	Table 1E: Anadromous and catadromous species data collection in fresh water RCM Med&BS 2016 agrees with the decision reached during the GFCM meeting held during the Joint ICES/EIFAAC/GFCM Working Group on Eels (WGEEEL); to have a pilot study including at least one or two representative EMUs with river basins. The main scope of this pilot project would be to study the recruitment of glass and yellow eel and devise the methodology to be adopted for data collection about these species. Consecutively, data collection will be extended to the rest of the EMUs. Furthermore, RCM Med&BS 2016 recognises the difficulty of covering all Management Units. In this case sub-sampling of Management Units is recommended.	Italy will follow this recommendation	
ITA	Mediterranean Sea and Black Sea	NA	RCM Med&BS-LP 2016	1G	Table 1G Surveys	RCM Med&BS-LP 2016 WP Agreement n. 6	o The 'International database' column should be indicated as "Not available" for MEDIAS, with a comment in the relevant column stating "The MEDIAS Steering Committee is currently working towards establishing an international database. Till now the fields to include in such a database were discussed." o The 'International database' column can be indicated as "Fishtrawl" for MEDITS. o No reference to the JRC database is to be made in the 'International database' column.	Italy has followed this agreement	

Table7C: Bi- and multilateral agreements

MSs	Contact persons	Content
ITA-SLO	pemaq1@politicheagricole.it	Data collection for scientific surveys in the Adriatic area (GSA 17). Medias, Medits and Solemon (see Table 1G)

Coordination	Description of sampling / sampling protocol / sampling intensity	Data transmission
NA	<p>Medias survey: will be carried with an Italian vessel. Slovenia, as the part of the survey is very short in its national waters less than 1 day, does not participate in the vessel costs. Italy takes also in charge analysis and reporting of the data of all the samples collected. Costs of Slovenian scientist(s) participating in the survey are paid from Slovenian data collection programme.</p> <p>SoleMon survey: will be carried with an Italian vessel. Slovenia, as the part of the survey is very short in its national waters less than 1 day, does not participate in the vessel costs. Italy takes also in charge analysis and reporting of the data of all the samples collected. Costs of Slovenian scientist(s) participating in the survey are paid from Slovenian data collection programme.</p> <p>Mediterranean survey: will be carried with an Italian vessel. Slovenia, as the part of the survey is very short in its national waters less than 1 day, does not participate in the vessel costs. Italy takes also in charge analysis and reporting of the data of all the samples collected. Costs of Slovenian scientist(s) participating in the survey and data analysis, storage, handling, processing and reporting are paid from Slovenian data collection programme.</p>	Italy will be responsible for submitting data for each survey

	WP	
	WP date of submission	31/10/2016
Access to vessels	Validity	Comments
Country responsible for sampling, will ensures access to vessels	2017-2019	Based on gentlemen's agreement. In the future both MS will work on written agreement