



Brussels,
MARE.A4/JVB

EMAIL

To: DCF National Correspondents of Member States to EU
From: Bernhard FRIESS
Number of pages: 5
Subject: **Call for social and economic data on the EU aquaculture sector**

Dear Sir/Madam,

As foreseen in the Regulation No 2017/1004, the Commission herewith asks Member States to provide aggregated scientific data from within their National Data Collection programs to support scientific advice in EU fisheries.

The data will be processed and analysed by JRC and STECF experts to produce *The EU Aquaculture Sector. Economic Report 2021*.¹

Variables

The variable asked for in this data call are summarised on Tables 1 and 2. They include similar variables as in previous calls plus some additional social data (i.e. breakdowns for employment).

The time reference for this data call is 2008–2018. Data for 2019 can be submitted on a voluntary basis by those Member States where they are available.

The data collected under the DCF should follow the **segmentation** set out in Appendix XI of Commission Decision 2010/93/EU; the data collected under the EU-MAP should follow the segmentation set out in Table 9 of Commission Implementing Decision (EU) 2016/1251 (see Annex for details).

The changes introduced by the adoption of the EU-MAP in 2016 generate a break in some time series. In order to reduce the impact of the breaks in the analysis of the evolution, Member States are invited, if possible, to recalculate historical data on the basis of the EU-MAP. In that case, the reviewed historical data should be resubmitted. This would be particularly useful in the breakdown by segment (i.e. if possible, segments should follow the EU-MAP segmentation throughout the whole data series).

¹ The dedicated STECF Expert Working Group will take place from 1 to 5 February 2021.

While, the collection of data for **freshwater species** is not mandatory, the Member States that have collected such data are invited to provide them under this data call.

In order to improve the effectiveness of this data call, and on voluntary basis, **MS authorise the JRC to re-use datasets submitted in previous calls** provided that they are complete². In this case, the MS will not need to submit again the same datasets but only the updates for the recent data.

Table 1. EU aquaculture sector - Economic data

Variable	EU-MAP	[DCF]
€ million		
Turnover , per species	n.a.	[2008-2016]
Gross sales, per species	2008-2019 or 2017-2019	n.a.
Operating subsidies*	2008-2019 or 2017-2019	[2008-2016]
Subsidies on investments	2008-2019 or 2017-2019	n.a.
Other income	2008-2019 or 2017-2019	[2008-2016]
* Under the DCF, "Operating subsidies" were called "Subsidies".		
€ million		
Personnel costs*	2008-2019 or 2017-2019	[2008-2016]
Imputed value of unpaid labour	2008-2019 or 2017-2019	[2008-2016]
Energy costs	2008-2019 or 2017-2019	[2008-2016]
Livestock costs	2008-2019 or 2017-2019	[2008-2016]
Feed costs	2008-2019 or 2017-2019	[2008-2016]
Repair and maintenance	2008-2019 or 2017-2019	[2008-2016]
Extraordinary costs, net	n.a.	[2008-2016]
Other operating costs	2008-2019 or 2017-2019	[2008-2016]
* Under the DCF, it was called "wages and salaries of staff", but it already included social security costs.		
€ million		
Depreciation of capital	n.a.	[2008-2016]
Consumption of fixed capital	2008-2019 or 2017-2019	n.a.
Financial income	2008-2019 or 2017-2019	n.a.
Financial expenditures	2008-2019 or 2017-2019	n.a.
Financial costs, net	n.a.	[2008-2016]
Net Investments	2008-2019 or 2017-2019	[2008-2016]
€ million		
Total value of assets (capital value)	2008-2019 or 2017-2019	[2008-2016]
Debt	2008-2019 or 2017-2019	[2008-2016]
Kg		
Livestock used	2008-2019 or 2017-2019	[2008-2016]
Fish feed used	2008-2019 or 2017-2019	[2008-2016]
Weight of sales, per species	2008-2019 or 2017-2019	[2008-2016]
Number		
Persons employed (number)	2008-2019 or 2017-2019	[2008-2016]
Persons employed, males (number)	n.a.	[2008-2016]
Persons employed, females (number)	n.a.	[2008-2016]
Persons employed (FTE)	2008-2019 or 2017-2019	[2008-2016]
Persons employed, males (FTE)	n.a.	[2008-2016]
Persons employed, females (FTE)	n.a.	[2008-2016]
Unpaid labour (number)	2008-2019 or 2017-2019	n.a.
Unpaid labour (FTE)	2008-2019 or 2017-2019	n.a.
Number of hours worked (by employees and unpaid workers)	2008-2019 or 2017-2019	n.a.
Number of firms (number)		
Total	2008-2019 or 2017-2019	[2008-2016]
Up to 10 employees	2008-2019 or 2017-2019	[2008-2016]
From 11 to 49 employees	2008-2019 or 2017-2019	[2008-2016]
From 50 to 249 employees	2008-2019 or 2017-2019	[2008-2016]
250 or more employees	2008-2019 or 2017-2019	[2008-2016]

Notes: All data refer to firms with aquaculture as main activity

If possible, historical data shall be reviewed to follow EU-MAP structure and definitions for the period 2008-2019.

If it is not possible to reconstruct historical data under the EU-MAP, data shall follow DCF structure and definitions for 2008-2016 and EU-MAP structure and definitions for 2017-2019.

² This authorisation could be revoked by an explicit decision of a Member State concerned.

Socio-demographic data are to be provided at least for 2017. The templates will allow to provide additional years when available. The socio-demographic data should follow, to the extent possible, the segmentation recommended by PGECON as presented in Table 2.

Table 2. EU aquaculture sector – **Social data** (socio-demographic data)

Category	Proposed breakdown
Employment (number)	
... by gender	Male employees Female employees Unknown gender
... by nationality	Nationals from the Member State Nationals from other EU Member State Nationals from EEA countries (non-EU Member States) Nationals from other third countries Unknown nationality
... by education level*	Low education level Medium education level High education level Unknown education level
... by age	From 15 to 24 From 25 to 39 From 40 to 64 65 and older Unknown age

Notes: * Low education level: primary school and lower secondary school; Medium education level: upper secondary school and post-secondary non-tertiary education; High education level: all types of tertiary education including short-cycle, Bachelor's, Master's and Doctoral and their equivalent. All data refer to firms with aquaculture as main activity

Procedure

Member States should follow the agreed **procedure for transmission of data** (by uploading data onto the JRC server) and abide to the data handling procedures for STECF Expert Working Groups (Ref. Ares(2015)498884 - 06/02/2015).

Full details of all the parameters, aggregation levels and uploading instructions for this call can be found on the JRC data collection website: <https://datacollection.jrc.ec.europa.eu/data-calls>

Data templates are available on the JRC data collection website for downloading and should be used to submit the data requested under the current data call. Each Member State requires a password in order to submit data. These passwords are the ones in possession of the Member States. Member States who no longer have a record of their password or want to change it, should contact the JRC data submission team by emailing jrc-datasubmission@ec.europa.eu. In addition, the JRC data submission team can be **contacted for guidance** by emailing jrc-datasubmission@ec.europa.eu

Time schedule

In accordance with Article 17.3 of Regulation (EC) No 2017/1004, Member States are kindly requested to **supply specified data by 12 January 2021**. The JRC platform will be activated for the upload of data as of 7 December 2020.

We look forward to your cooperation.

Yours faithfully,

(e-signed)
Bernhard FRIESS

Annex

Table A1. Sector segmentation under DCF

	Fish farming techniques ⁽¹⁾				Shellfish farming techniques ⁽¹⁾			
	Land based farms			Cages	Rafts	Long line	Bottom ⁽⁵⁾	Other
	Hatcheries and Nurseries ⁽²⁾	On growing	Combined ⁽³⁾	Cages ⁽⁴⁾				
Salmon								
Trout								
Sea bass & Sea bream								
Carp								
Other fresh water fish								
Other marine fish								
Mussel								
Oyster								
Clam								
Other shellfish								

⁽¹⁾ Enterprises should be segmented according to their main farming technique.

⁽²⁾ Hatcheries and nurseries are defined as places for the artificial breeding, hatching and rearing through the early life stages of aquatic animals. For statistical purposes, hatcheries are limited to the production of fertilised eggs. Further juveniles stages of aquatic animals are considered being produced in nurseries. When hatcheries and nurseries are closely associated, statistics shall refer only to the latest juvenile stage produced (COM(2006) 864).

⁽³⁾ Combined is defined as enterprises using hatcheries, nurseries and on growing techniques.

⁽⁴⁾ Cages are defined as open or covered enclosed structures constructed with net, mesh or any porous material allowing natural water interchange. These structures may be floating, suspended or fixed to the substrate but still permitting water interchange from below (COM(2006) 864).

⁽⁵⁾ 'Bottom' techniques cover shellfish farming in inter-tidal areas (directly on the ground or surelevated).

Table A2. Sector segmentation under EU-MAP

	Fish farming techniques ⁽²⁾						Poly-culture	Hatcheries and nurseries ⁽¹⁾	Shellfish farming techniques			
	Ponds	Tanks and raceways	Enclosures and pens ⁽⁶⁾	Recirculation systems ⁽⁵⁾	Other methods	Cages ⁽⁷⁾			All methods	Off-bottom		On-bottom ⁽⁴⁾
							Rafts	Long line				
Salmon												
Trout												
Sea bass & Sea bream												
Carp												
Tuna												
Eel												
Sturgeon (Eggs for human consumption)												
Other fresh water fish												
Other marine fish												
Mussel												
Oyster												
Clam												
Crustaceans												
Other molluscs												
Multispecies												
Seaweeds												
Other aquatic organisms												

(1) For definitions of farming techniques, see Regulation (EC) No 762/2008.

(2) Enterprises shall be segmented according to their main farming technique.

(3) Hatcheries and nurseries are defined as places for the artificial breeding, hatching and rearing through the early life stages of aquatic animals. For statistical purposes, hatcheries are limited to the production of fertilised eggs. Further juveniles stages of aquatic animals are considered being produced in nurseries. When hatcheries and nurseries are closely associated, statistics shall refer only to the latest juvenile stage produced. (COM(2006) 864 of 19 July 2007)

(4) 'On-bottom' techniques cover shellfish farming in inter-tidal areas (directly on the ground or surelevated)

(5) Recirculation systems means systems where the water is reused after some form of treatment (e.g. filtering).

(6) Enclosures and pens are defined as areas of water confined by nets, mesh and other barriers allowing uncontrolled water interchange and distinguished by the fact that enclosures occupy the full water column between substrate and surface; pens and enclosures generally enclose a relatively large volume of water. (COM(2006) 864 of 19 July 2007).

(7) Cages are defined as open or covered enclosed structures constructed with net, mesh or any porous material allowing natural water interchange. These structures may be floating, suspended or fixed to the substrate but still permitting water interchange from below. (COM(2006) 864 of 19 July 2007).