

# 2020 CENSUS OF AGRICULTURE, FORESTRY, FISHERY AND ANIMAL HUSBANDRY



## Fishery Census Form

confidential

DGBAS, Executive Yuan

Census reference day: December 31, 2020

1. This census is conducted according to the regulation prescribed in Article 15 of the Statistics Act. Respondents in statistical surveys shall answer truthfully within limits.  
2. The census data will be used for statistical purposes only. The data will be kept strictly confidential and will not be used for other purposes.

Approval authority: Executive Yuan  
Official approval no.: Yuan-Tai-Nong-Tzi 1090021176  
Survey category: Basic National Census and Survey  
Enumeration period: May 1 to June 30, 2021

Name of unit: \_\_\_\_\_ Name of householder or manager: \_\_\_\_\_ Interviewee: \_\_\_\_\_ Tel: ( ) \_\_\_\_\_

Same address as originally listed on the roster  The following address is exempted

Address: County (City) \_\_\_\_\_ Township (Town/City/Dist.) \_\_\_\_\_ Village (Li) \_\_\_\_\_ Lin \_\_\_\_\_ Road (Street) \_\_\_\_\_ Sec. \_\_\_\_\_ Lane \_\_\_\_\_ Alley \_\_\_\_\_ Sub Alley \_\_\_\_\_ No. \_\_\_\_\_ Fl. \_\_\_\_\_ Rm. \_\_\_\_\_

Census No.	Township (Town/City/Dist.)	Village (Li)	Enumeration Area	Series No.	Form No.
					4

Total number of pages is \_\_\_\_\_ : This form is page \_\_\_\_\_  
[ it is not required to fill in only one page ]

**Note:** 1. This form will be scanned by Optical Character Recognition (OCR), please use blue and black mark "✓" and fill out the answer within the box provided. Please use correction tape for any correction; be sure to keep this form flat and clean.  
2. Please fill in the number with the print letter to the right, and the front blank does not need to fill 0. Example:

**1. What is the organization type of your household (unit)?** (1) Organization Type (mark one item only)

1. Sole proprietorship fishery household **Continue to fill in (2)**

**Non-sole proprietorship fishery household**

2. Partnership  5. Other \_\_\_\_\_

3. Corporation

4. Fishermen's associations, experiment, school

**(2) Members in your household at the end of 2020** (Refers to the population living and working together in the same household.)

**1. Under 15 years old** (Refers to those born after January 1, 2006)

(1) Male   (2) Female

**2. Aged 15 or above** (Should be the same as the number of men and women in Q9)

(1) Male   (2) Female

**2. What is the operating situation of fishery in 2020?** (mark one item only)

**Engaged in fishery**

1. production of fishery products

2. Without production but has provided leisure service

**Non-engaged in fishery** (未生產且未提供休閒服務)

3. Temporarily suspend fishing or stop fish farming

4. no willingness to produce

**3. How many crafts used for fishing at the end of 2020 ?**

without crafts used for fishing

Answer the following questions about fishing operation

\* Fishing crafts (including exclusive recreational fishing crafts) regardless of whether actual working should be filled out craft-by-craft; if fishing crafts exceed 3 vessels, please fill in the blank census form.

\* For the main fishing type, please fill in with the longest working hours of the year. If the fishing craft has no operation during the year, the code number shall be filled in by the main fishing type registered with the fishery license.

No.	① Fishery type	② Uniform No. of fishing crafts by CT	③ Fishing raft tonnage	④ Main type of fishing fishery	⑤ Leisure	⑥ Fishing fishery
	1. Fishing rafts 2. Non-powered sampans 3. Powered fishing crafts (inc. powered sampans)		(Please fill in 0 for fishing raft) tonnage	(code)	1. Yes 2. No (code)	1. Yes 2. No (code)
1		CT <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
2		CT <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
3		CT <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

**4. What's the situation of "Fishing fishery without craft in 2020 ?**

Without "Fishing operations on the coast, rivers or lakes without using fishing vessels"

Yes. The code No. of main type of fishing fishery

\* Please fill in the code ④ Main fishing (catching) type code in Q3; only code No. 12, 20, 21, 23 ~ 26 can be filled in.

**② Uniform No. of fishing crafts by CT**

<b>Fishing rafts:</b>	<b>Powered fishing crafts:</b>
R. Powered rafts	1. Under 5 tons
Y. Non-powered rafts	2. 5 tons ~ 10 tons
<b>Sampans:</b>	3. 10 tons ~ 20 tons
S. Powered sampans	4. 20 tons ~ 50 tons
X. Non-powered sampans	5. 50 tons ~ 100 tons
<b>Exclusive recreational fishing crafts:</b>	6. 100 tons ~ 200 tons
F0. Under 5 tons	7. 200 tons ~ 500 tons
F1. 5 tons ~ 10 tons	8. 500 tons ~ 1,000 tons
F3. 10 tons ~ 20 tons	9. 1,000 tons and over
F4. 20 tons ~ 50 tons	

**④ Main fishing (catching) type code**

01 Otter trawl	11 Torch light net	21 Other angling
02 Bull trawl	12 Gill net	22 Leisure
03 Purse seine for tuna	13 Driving-in net	23 Pot
04 Tuna long line	14 Misc. fish long line	24 Fish fry catching
05 Squid jigging	15 Pole and lines boat	25 Seaweeds
06 Torch light net for saury	16 Troll line	26 Others
07 Coral fishing	17 Spear fishing	
08 Purse seine	18 Beach seine	
09 Purse seine for mackerel	19 Set net	
10 Tiger net	20 Other coastal net	

**5. How many aquaculture area and the fishing vessels used at the end of 2020?** [ Fishing vessels used for fishing cannot be counted. ]

Without aquaculture area

Yes.

**(1) Types of fishing vessels at the end of the year**

Without crafts used for culturing

Yes. At the end of year

1. Fishing rafts   vessels; Non-powered sampans   vessels; Powered fishing crafts   vessels;

**(2) Year-round culturing situation**

\* If there is a difference in the location, ownership, main species of aquaculture, aquaculture type, fish pond, purpose, tourism/leisure, or water sources, and smart production or erection of solar panels of the aquaculture opening (site), they should be filled out respectively.  
\* Regardless of whether actual culturing at aquaculture opening (site), should be filled out; if aquaculture areas exceed 4 entries, please fill in the blank census form.

Area measure formula  
1 Jia = 10 Fen = 100 Li = 0.97 hectares = 97 acres; 1 hectare = 100 acres;  
1 Ping = 0.033 acres; 1 square meter = 0.01 acres

Only those who marked 1 and 3 in ⑤ should fill in.

No.	① Aquaculture areas at the end of the year (Except for box net farming, which is in cubic meters, the rest are in hectares)	② Location		③ Ownership (code)	④ Main fish species (code)	⑤ Aquaculture type (code)	⑥ Fish pond (code)	⑦ Purpose (code)	⑧ Leisure (code)	⑨ Water sources (code)	⑩ smart production or erection of solar panels (code)
		Township (Town/City/Dist.)	code (see manual)								
1	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
4	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

<b>③ Ownership code</b>	<b>④ Code of main fish species</b> (please fill in the fish code of species with the most production value)	<b>⑤ Aquaculture type code</b>
1. Self-owned/used 2. State-owned, public land 3. Private land (written agreement) 4. Private land (Non-written agreement)	01. Common crap 08. Tilapia 15. Other fish 22. Oyster 29. Soft-shell turtle 02. Trout 09. Sea bream 16. Grass shrimp 23. Hard clam 30. Others 03. Eel 10. Pampano 17. Kurema shrimp 24. Small abalones 31. Suspend-culture 04. Sea perch 11. Cobia 18. Giant fresh water prawn 25. Fresh water clam 05. Grouper 12. Ornamental fish 19. Whiteleg shrimp 26. Other shellfishes 06. Milkfish 13. Kenneth larvae 20. Other shrimps 27. Gracilar 07. Mullet 14. Loach 21. Grabs 28. Other sea weeds	1. Static culture 2. Running-water culture 3. Recirculating culture 4. Shallow sea culture 5. Cage culture 6. Other culture 7. Suspend-culture
<b>⑥ fish pond type code</b>	<b>⑦ Purpose code</b>	<b>⑧ Water sources code</b>
1. Outdoor hard pond 2. Outdoor soft pond 3. Indoor pond	1. Mono-culture 4. Reproduction 2. Poly-culture 5. Buy fishes for fishing 3. Phase cultivation 6. Not in use	1. Sea water 5. Mixed fresh and sea water 2. Underground water 6. Others 3. River, reservoir water 7. Not in use 4. Mixed fresh water
		<b>⑩ Code for Use of smart production or erection of solar panels</b>
		1. Smart production only 2. Solar panels only 3. Both 4. Neither

\* One who marks item 1 of Question 2 operating situation of the fishery, please continue to fill out following questions; and marks item 2 of same Question, please transfer to fill out Question 7; please stop filling out who marks item 3 in Question 1.

**6. What is the main industry in fishery throughout 2020?** (please mark one of the most production values in the whole year)

1. Far sea  4. Inland  7. Fresh water

2. Offshore  5. Marine

3. Coastal  6. Inland brackish water

\* The main industry of fishery should be judged according to the operation situation of fishing and aquaculture shown in Questions 3 to 5. If it cannot be judged according to the production value, instead by the higher cost-input of the whole year.

**7. What is the the main type of leisure fishery operated throughout 2020?** (mark one item only)

Without operation

With operation \* Please judge according to the main leisure characteristics with the highest annual income.

1. Leisure with crafts  3. Leisure with fishery facilities

2. Leisure with aquaculture area  4. Leisure with compound operation

**8. What are the related businesses other than leisure fishery operated throughout the 2020?**

Without operation

With operation (mark as many "✓" as applicable)

1. Self-processing of fishery products  3. Retail sales  5. Peddler  7. Others

2. Restaurants  4. Internet sales  6. Export trade

\* should have the input on self-owned fishery products. For one who marks item 1 or 2, the production value of the self-owned (unit) primary fishery products shall be estimated and counted into "2. The production value of primary fishery products invested by self-owned (unit) into fishery-related enterprises" of Question 12.

**Remark**

1. Production reduction, loss of fish species due to disasters, diseases (Please fill out the name of fish species) \_\_\_\_\_

2. Others. Please specify it: \_\_\_\_\_

Enumerator	Administrator	Inspector	Checker
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Filled out on : (Month) (Day), 2021

**15. What are the characteristics and working status of sole proprietorship fisher household members aged 15 years old and over at the end of 2020?** 【 for Sole proprietorship fishery household only 】 \* Please fill those who were born before December 31, 2005 one by one; if the members people exceeds 9 entries, please fill in the blank census form.

① Relationship <small>(Relationship with the household, such as father, mother, spouse, eldest son, etc.)</small>	1	2	3	4	5	6	7	8	9
	Householder								
② Sex (Code) <small>1. M 2. F</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
③ Birth year (minguo calendar)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
④ Education (Code)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
⑤ Person-in-charge of family livelihood <small>Limited to ✓ one person</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
⑥ Status of fishery work (Code) <small>(one manager only)</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
⑦ Annual man-days engaged in own fishery work in 2020 (Code)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
⑧ Whether engaged in work other than own fishery in 2020 (Code) <small>1.yes 2.No.</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
⑨ Regular work throughout 2020 (Code)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**10. What are the characteristics of non-sole proprietorship fishery household's manager?** 【 for non-sole proprietorship fishery household only 】

(1) sex  1. male  2. female (3) education (Code)  \* Please refer to Question 9 ④ for the code

(2) Birth year (minguo calendar)   (4) Number of working days engaged in fishery for the unit in 2020 (Code)  \* Please refer to Question 9 ⑦ for the code.

④ Code for education	⑥ Code for fishery status	⑦ Code for fishery working days	⑨ Code for annual main work status
1. Illiterate 2. Primary school & self-edu. 3. Junior high 4. Senior high (vocational) 5. Junior college & above	1. Fishery manager 2. Related decision maker 3. Related decision maker and fishery successor 4. Fishery successor 5. None of the above	1. None 2. 1~29 days 3. 30~59 days 4. 60~89 days 5. 90~149 days 6. 150~179 days 7. 80~249 days 8. 250 days above	1. Self-run the fishery work 2. The employed fishery work 3. The self-run non-fishery work 4. The employed non-fishery work 5. Housekeeping 6. Attending school or preparing to take entrance exams 7. Sickness or living a retired life 8. Others

\* Decision-making person refer to other members of the household who participate in the decision-making of fishery operations with the commander.  
\* For the annual main work status, first fill in the code for the longest allocated time for the year according to items 1 to 6 listed in the table.

**11. The number of employees and workers without wages engaged in own fishery throughout 2020** (For non-sole proprietor fishery households, at least there should be one operating manager)

\* Exclude sole proprietorship fishery households' own manpower, inter-fishery exchange workers and manpower input by entrusted fishery service.  
\* For sole proprietorship fishery households' manager and their families who are paid, please list them as "regular employees" or "casual employees" according to the time of employment.

No employed staff and workers without wages

Yes. (1)Number of people employed throughout the year divided by number of fishing working days

annual man-days in own fishery	① regular employees <small>(Regular or expected employment for more than 6 months)</small>		② casual employees <small>(Employed for less than 6 months)</small>		③ workers without wages <small>(Non-sole proprietorship fishery household's manager and their families without wages)</small>	
	Male	Female	Male	Female	Male	Female
1~29 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
30~59 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
60~89 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
90~149 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
150~179 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
180~249 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
more than 250 days	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**(2)Number of employees at the end of the year by source of employment** If a person is engaged in both marine and land operations, he/she is classified as a marine operator.

source of employment	① regular employees <small>(Regular or expected employment for more than 6 months)</small>		② casual employees <small>(Employed for less than 6 months)</small>		③ workers without wages <small>(Non-sole proprietorship fishery household's manager and their families without wages)</small>	
	Male	Female	Male	Female	Male	Female
marine	Taiwan, Penghu, Kinmen, Mazu	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Mainland China, Hong Kong, Macao	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Indonesia	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Philippine	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Vietnam	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Other regions	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
land	Taiwan, Penghu, Kinmen, Mazu	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Other regions	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**12. How much gross income of fishery-related in 2020?**

No. Please continue to fill in the main reason (Mark one item only)

(1)All for self-consumption (gifts)  (3) No harvest due to disaster damage

(2)New aquaculturing  (4) Other

Yes. (please fill in the income sources separately, do not double-calculate, and do not deduct from expenditures and expenses)

1. Fishery Products Revenue (excluding various fishery subsidies) NT\$  hundred million  ten thousand

2. Estimated value of fishery products used in fishery-related businesses NT\$  hundred million  ten thousand

\* If there is amount shown in items 3, 4, 5, or item 2 of Question 8 is marked, the production estimated value of primary fishery products of self-owned fishery (this unit) should be included.

3. Revenue of fishery processing products (including processing income) NT\$

4. Revenue of fishery processing outsourced NT\$

5. Leisure service revenue (such as leisure experience, ticket, accommodation, restaurant and commodity sale, etc.) NT\$  hundred million  ten thousand

6. Is the "net income" of your household's annual fishery income (1.+3.+4.+5.) after deducting various costs and expenses the "main source of household income"? 【for sole proprietorship fishery household only】

(1)yes  (2)No.

**13. What is the production and sales distribution of primary aquiculture's and fishery products in self-owned fishery (this unit) throughout 2020?**

Item	① Salable income of primary fishery products				② Proportion of salable income of distribution objects ( % )					total
	N/A	NT\$1000	Shippers	Wholesale markets	Processing factory (company)	Retailers, specialty store	Exporters	Other		
fish 01~15	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100
shrimp 16~20	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100
shellfish 22~26	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100

\* The salable income of primary fishery products includes "sales income of primary fishery products of self-owned fishery (this unit)" and "production value of primary fishery products of self-owned fishery (this unit) invested in fishery-related enterprises".  
\* In principle, the distributor is determined by the actual payer at the time of sale. If it is sold through co-operative marketing, please fill in according to the actual sales object.  
\* If there are primary fishery products that are processed by self or outsourced, the distribution object should be filled in as "Processing Factory (company)".  
\* The distribution object for "others" include fishermen's groups, supermarkets, mass merchandisers, large consumers (such as restaurants, military, schools, etc.), general consumers, etc.