

民國 109 年臺閩地區漁業統計概要

漁 會：

109 年底全國漁會及區漁會(含金馬地區)共計 40 單位，漁會會員數計 427,274 人，其中甲類會員為 385,021 人，占總數之 90.11%，乙類會員為 17,225 人，占總數之 4.03%，贊助會員為 25,028 人，占總數之 5.86%。

漁戶及漁戶人口數：

- 一、漁戶數：109 年底漁戶數 128,514 戶，其中以遠洋為主者 4,766 戶，以近海為主者 20,249 戶，以沿岸為主者 63,065 戶，以內陸漁撈為主者 5,738 戶，以海面養殖為主者 8,031 戶，以內陸養殖為主者 26,665 戶。
- 二、漁戶人口數：109 年底漁戶人口數 345,401 人，其中以遠洋為主者 11,739 人，以近海為主者 53,103 人，以沿岸為主者 171,639 人，以內陸漁撈為主者 10,562 人，以海面養殖為主者 23,015 人，以內陸養殖為主者 75,343 人。

漁業從業人數：

109 年底漁業從業人數為 299,893 人，其中專業 229,853 人，占總數之 76.65%，兼業 70,040 人，占總數之 23.35%。以漁業別分，從事遠洋漁業者為 13,168 人，從事近海漁業者為 45,312 人，從事沿岸漁業者為 161,773 人，從事內陸漁撈業者為 7,227 人，從事海面養殖業者為 20,511 人，從事內陸養殖業者為 67,855 人。

漁業生產量：

一、一般概況：

109 年漁業生產量共達 885,048 公噸，與 108 年生產量 1,037,512 公噸比較，減產約 152,464 公噸，減產比率為-14.70%。

109 年漁業生產值為 71,320,663 千元，較 108 年生產值 86,820,180 千元，減少 15,499,517 千元，減少比率為-17.85%。

	漁 產 量 (公 噸)		
	109 年	108 年	增 減 %
總 計	885,048	1,037,512	-14.70
遠 洋 漁 業	431,908	560,744	-22.98
近 海 漁 業	150,013	153,102	-2.02
沿 岸 漁 業	24,549	31,004	-20.82
內 陸 漁 撈 業	56	156	-64.10
海 面 養 殖 業	22,413	22,699	-1.26
內 陸 養 殖 業	256,109	269,808	-5.08

SUMMARY

FISHERMEN'S ASSOCIATIONS

In 2020, there were 39 regional fishermen's associations and the national fishermen's association, with a total of 427,274 members, of which 385,021 class A (90.11%) and 17,225 class B (4.03%) and 25,028 associate members (5.86%) in Taiwan, Kinmen and Matsu.

FISHING POPULATION

The fishermen's households as numbered 128,514 of whom 4,766 engaged in far sea fishery, 20,249 engaged in offshore fishery, 63,065 engaged in coastal fishery and 5,738 engaged in inland fishing fishery, 8,031 engaged in marine culture and 26,665 engaged in inland culture.

The fishing population numbered 345,401 of which 11,739 depended on far sea fishery, 53,103 depended on offshore fishery, 171,639 depended on coastal fishery, 10,562 depended on inland fishing fishery, 23,015 depended on marine culture and 75,343 depended on inland culture.

NUMBER OF FISHERMEN

There were 299,893 fishermen, of whom 229,853 were full-time fishermen (76.65%) and 70,040 were part-time fishermen (23.35%) . According to the fisheries types, 13,168 fishermen engaged in far sea fishery; 45,312 fishermen engaged in offshore fishery; 161,773 fishermen engaged in coastal fishery; 7,227 fishermen engaged in inland fishing fishery; 20,511 fishermen engaged in marine culture; 67,855 fishermen engaged in inland culture.

FISHERIES PRODUCTION

1. General Status

The total fisheries production in 2020 reached 885,048 M.T. showing a decrease of 152,464 M.T. (-14.70%) compared with the production of 1,037,512 M.T. in 2019.

The total fisheries value in 2020 reached thousand NT\$71,320,663 showing a decrease of thousand NT\$15,499,517 (-17.85%) compared with the value of thousand NT\$86,820,180 in 2019.

	Fishery Production (M.T.)		
	2020	2019	Rate %
Grand Total	885,048	1,037,512	-14.70
Far Sea	431,908	560,744	-22.98
Offshore	150,013	153,102	-2.02
Coastal	24,549	31,004	-20.82
Inland Fishing	56	156	-64.10
Marine Culture	22,413	22,699	-1.26
Inland Culture	256,109	269,808	-5.08

	漁 產 值 (千 元)		
	109 年	108 年	增 減 %
總 計	71,320,663	86,820,180	-17.85
遠 洋 漁 業	25,665,449	34,037,869	-24.60
近 海 漁 業	10,317,881	12,300,101	-16.12
沿 岸 漁 業	3,406,916	4,438,938	-23.25
內 陸 漁 撈 業	3,380	17,299	-80.46
海 面 養 殖 業	4,767,242	4,672,802	2.02
內 陸 養 殖 業	27,159,795	31,353,171	-13.37

二、主要漁業生產情形：

(一) 遠洋漁業：

- (1) 鯷鮪圍網漁業：109 年全年漁獲 150,396 公噸，較 108 年之 239,090 公噸，減產 88,694 公噸，減產比率-37.10%。
- (2) 鮪延繩釣漁業：109 年全年漁獲 171,230 公噸，較 108 年之 198,783 公噸，減產 27,553 公噸，減產比率-13.86%。
- (3) 魷釣漁業：109 年全年漁獲 53,621 公噸，較 108 年之 38,930 公噸，增產 14,691 公噸，增產比率 37.74%。
- (4) 秋刀魚棒受網漁業：109 年全年漁獲 56,662 公噸，較 108 年之 83,941 公噸，減產 27,279 公噸，減產比率-32.50%。

(二) 近海漁業：

- (1) 巾著網漁業：109 年全年漁獲 205 公噸，較 108 年之 139 公噸，增產 66 公噸，增產比率 47.48%。
- (2) 棒受網漁業：109 年全年漁獲 8,013 公噸，較 108 年之 5,957 公噸，增產 2,056 公噸，增產比率 34.51%。
- (3) 中小型拖網漁業：109 年全年漁獲 21,621 公噸，較 108 年之 21,488 公噸，增產 133 公噸，增產比率 0.62%。
- (4) 刺網漁業：109 年全年漁獲 3,075 公噸，較 108 年之 3,564 公噸，減產 489 公噸，減產比率-13.72%。
- (5) 鮪延繩釣漁業：109 年全年漁獲 10,030 公噸，較 108 年之 12,808 公噸，減產 2,778 公噸，減產比率-21.69%。

	Production Value (Thousand NT\$)		
	2020	2019	Rate %
Grand Total	71,320,663	86,820,180	-17.85
Far Sea	25,665,449	34,037,869	-24.60
Offshore	10,317,881	12,300,101	-16.12
Coastal	3,406,916	4,438,938	-23.25
Inland Fishing	3,380	17,299	-80.46
Marine Culture	4,767,242	4,672,802	2.02
Inland Culture	27,159,795	31,353,171	-13.37

2. Production of fisheries:

(1) Far Sea Fisheries:

- a. Purse seine for tuna: The total catch in 2020 was 150,396 M.T. showing a decrease of 88,694 M.T. (-37.10%) as compared with 239,090 M.T. produced in 2019.
- b. Tuna long line: The total catch in 2020 was 171,230 M.T. showing a decrease of 27,553 M.T. (-13.86%) as compared with 198,783 M.T. produced in 2019.
- c. Squid jigging: The total catch in 2020 was 53,621 M.T. showing an increase of 14,691 M.T. (37.74%) as compared with 38,930 M.T. produced in 2019.
- d. Torch light net for saury: The total catch in 2020 was 56,662 M.T. showing a decrease of 27,279 M.T. (-32.50%) as compared with 83,941 M.T. produced in 2019.

(2) Offshore Fisheries:

- a. Purse seine: The production in 2020 was 205 M.T. showing an increase of 66 M.T. (47.48%) as compared with 139 M.T. produced in 2019.
- b. Stick Held Dip net: The production in 2020 was 8,013 M.T. showing an increase of 2,056 M.T. (34.51%) as compared with 5,957 M.T. produced in 2019.
- c. Drag net: The production in 2020 was 21,621 M.T. showing an increase of 133 M.T. (0.62%) as compared with 21,488 M.T. produced in 2019.
- d. Gill net: The production in 2020 was 3,075 M.T. showing a decrease of 489 M.T. (-13.72%) as compared with 3,564 M.T. produced in 2019.
- e. Tuna long line: The production in 2020 was 10,030 M.T. showing a decrease of 2,778 M.T. (-21.69%) as compared with 12,808 M.T. produced in 2019.

- (6) 雜魚延繩釣漁業：109 年全年漁獲 3,444 公噸，較 108 年之 2,801 公噸，增產 643 公噸，增產比率 22.96%。
- (7) 一支釣漁業：109 年全年漁獲 7,918 公噸，較 108 年之 14,341 公噸，減產 6,423 公噸，減產比率-44.79%。
- (8) 飛魚卵漁業：109 年全年漁獲 7 公噸，較 108 年之 19 公噸，減產 12 公噸，減產比率-63.16%。
- (9) 扒網漁業：109 年全年漁獲 93,791 公噸，較 108 年之 90,153 公噸，增產 3,638 公噸，增產比率 4.04%。

(三) 沿岸漁業：

- (1) 定置網漁業：109 年全年漁獲 8,755 公噸，較 108 年之 7,019 公噸，增產 1,736 公噸，增產比率 24.73%。
- (2) 地曳網漁業：109 年全年漁獲 176 公噸，較 108 年之 334 公噸，減產 158 公噸，減產比率-47.31%。
- (3) 焚寄網漁業：109 年全年漁獲 45 公噸，較 108 年之 160 公噸，減產 115 公噸，減產比率-71.88%。
- (4) 刺網漁業：109 年全年漁獲 4,797 公噸，較 108 年之 5,253 公噸，減產 456 公噸，減產比率-8.68%。
- (5) 一支釣漁業：109 年全年漁獲 1,442 公噸，較 108 年之 2,777 公噸，減產 1,335 公噸，減產比率-48.07%。
- (6) 雜魚延繩釣漁業：109 年全年漁獲 2,523 公噸，較 108 年之 4,538 公噸，減產 2,015 公噸，減產比率-44.40%。
- (7) 鏢旗魚漁業：109 年全年漁獲 413 公噸，較 108 年之 601 公噸，減產 188 公噸，減產比率-31.28%。
- (8) 櫻花蝦漁業：109 年全年漁獲 851 公噸，較 108 年之 1,189 公噸，減產 338 公噸，減產比率-28.43%。
- (9) 魴鯪漁業：109 年全年漁獲 1,015 公噸，較 108 年之 949 公噸，增產 66 公噸，增產比率 6.95%。

(四) 內陸漁撈業：

內陸漁撈業包括河川、水庫等，109 年全年生產量為 56 公噸，較 108 年生產量 156 公噸，減產 100 公噸，減產比率為-64.10%。

(五) 海面養殖：

海面養殖包括淺海、箱網等，109 年全年生產量為 22,413 公噸，較 108 年生產量 22,699 公噸，減產 286 公噸，減產比率為-1.26%。

(六) 內陸養殖：

- (1) 鹹水魚塢：109 年全年生產量 136,598 公噸，較 108 年之 138,537 公噸，減產 1,939 公噸，減產比率-1.40%。
- (2) 淡水魚塢：109 年全年生產量 119,029 公噸，較 108 年之 130,749 公噸，減產 11,720 公噸，減產比率-8.96%。

- f. Misc. fish long line: The production in 2020 was 3,444 M.T. showing an increase of 643 M.T. (22.96%) as compared with 2,801 M.T. produced in 2019.
 - g. Pole and lines boots: The production in 2020 was 7,918 M.T. showing a decrease of 6,423 M.T. (-44.79%) as compared with 14,341 M.T. produced in 2019.
 - h. Flying Fish Roe: The production in 2020 was 7 M.T. showing a decrease of 12 M.T. (-63.16%) as compared with 19 M.T. produced in 2019.
 - i. Taiwanese Seine: The production in 2020 was 93,791 M.T. showing an increase of 3,638 M.T. (4.04%) as compared with 90,153 M.T. produced in 2019.
- (3) Coastal fisheries:
- a. Set net: The production in 2020 was 8,755 M.T. showing an increase of 1,736 M.T. (24.73%) as compared with 7,019 M.T. produced in 2019.
 - b. Beach seine: The production in 2020 was 176 M.T. showing a decrease of 158 M.T. (-47.31%) as compared with 334 M.T. produced in 2019.
 - c. Light Blanket net: The production in 2020 was 45 M.T. showing a decrease of 115 M.T. (-71.88%) as compared with 160 M.T. produced in 2019.
 - d. Gill net: The production in 2020 was 4,797 M.T. showing a decrease of 456 M.T. (-8.68%) as compared with 5,253 M.T. produced in 2019.
 - e. Pole and lines boots: The production in 2020 was 1,442 M.T. showing a decrease of 1,335 M.T. (-48.07%) as compared with 2,777 M.T. produced in 2019.
 - f. Misc. Fish Long lines: The production in 2020 was 2,523 M.T. showing a decrease of 2,015 M.T. (-44.40%) as compared with 4,538 M.T. produced in 2019.
 - g. Spear fishing: The production in 2020 was 413 M.T. showing a decrease of 188 M.T. (-31.28%) as compared with 601 M.T. produced in 2019.
 - h. Sakura Shrimp: The production in 2020 was 851 M.T. showing a decrease of 338 M.T. (-28.43%) as compared with 1,189 M.T. produced in 2019.
 - i. Anchovy and Larval: The production in 2020 was 1,015 M.T. showing an increase of 66 M.T. (6.95%) as compared with 949 M.T. produced in 2019.
- (4) Inland fishing.
- The production in 2020 was 56 M.T. showing a decrease of 100 M.T. (-64.10%) as compared with 156 M.T. produced in 2019.
- (5) Marine culture.
- The production in 2020 was 22,413 M.T. showing a decrease of 286 M.T. (-1.26%) as compared with 22,699 M.T. produced in 2019.
- (6) Inland culture.
- a. Brackish water pond: The production in 2020 was 136,598 M.T. showing a decrease of 1,939 M.T. (-1.40%) as compared with 138,537 M.T. produced in 2019.
 - b. Fresh water pond: The production in 2020 was 119,029 M.T. showing a decrease of 11,720 M.T. (-8.96%) as compared with 130,749 M.T. produced in 2019.

(3) 觀賞魚養殖：109 年全年生產量 63,522 千尾，較 108 年之 66,304 千尾，減產 2,782 千尾，減產比率-4.20%。

三、主要魚貝類生產情形：

- (一) 正鰣：109 年生產量為 127,167 公噸，占全年總生產量 14.37%。
- (二) 吳郭魚類：109 年生產量為 61,059 公噸，占全年總生產量 6.90%。
- (三) 秋刀魚：109 年生產量為 56,671 公噸，占全年總生產量 6.40%
- (四) 長鰭鮪：109 年生產量為 53,680 公噸，占全年總生產量 6.07%。
- (五) 虱目魚：109 年生產量為 52,724 公噸，占全年總生產量 5.96%。
- (六) 文蛤：109 年生產量為 52,241 公噸，占全年總生產量 5.90%。
- (七) 阿根廷魷：109 年生產量為 51,134 公噸，占全年總生產量 5.78%。
- (八) 花腹鯖：109 年生產量為 46,508 公噸，占全年總生產量 5.25%。
- (九) 黃鰭鮪：109 年生產量為 44,411 公噸，占全年總生產量 5.02%。
- (十) 大目鮪：109 年生產量為 37,781 公噸，占全年總生產量 4.27%。
- (十一) 鋸峰齒鯊：109 年生產量為 24,065 公噸，占全年總生產量 2.72%。
- (十二) 鱸魚類：109 年生產量為 21,619 公噸，占全年總生產量 2.44%。
- (十三) 牡蠣：109 年生產量為 19,243 公噸，占全年總生產量 2.17%。
- (十四) 白腹鯖：109 年生產量為 19,091 公噸，占全年總生產量 2.16%。
- (十五) 帶鰭科：109 年生產量為 18,063 公噸，占全年總生產量 2.04%。
- (十六) 真鯪：109 年生產量為 13,273 公噸，占全年總生產量 1.50%。
- (十七) 帶魚屬：109 年生產量為 13,189 公噸，占全年總生產量 1.49%。
- (十八) 馬鮫科：109 年生產量為 12,904 公噸，占全年總生產量 1.46%。
- (十九) 劍旗魚：109 年生產量為 9,449 公噸，占全年總生產量 1.07%。
- (二十) 凡納對蝦：109 年生產量為 8,096 公噸，占全年總生產量 0.91%。

漁船、筏數量：

- 一、一般概況：109 年漁船、筏數量共達 21,772 艘，與 108 年之 21,689 艘比較，增加 83 艘，增加比率為 0.38%；漁船總噸數計 553,761 噸，較 108 年之 554,101 噸，減少 339 噸，減少比率為-0.06%。

- c. Ornamental fish culture: The production in 2020 was 63,522 thousand PCs. showing a decrease of 2,782 thousand PCs. (-4.20%) as compared with 66,304 thousand PCs. produced in 2019.

3. Production of Major Species:

- (1) Skipjack tuna: The production in 2020 was 127,167 M.T., which was 14.37% of total production.
- (2) Tilapias ∙ Cichlids: The production in 2020 was 61,059 M.T., which was 6.90% of total production.
- (3) Saury ∙ Sanma: The production in 2020 was 56,671 M.T., which was 6.40% of total production.
- (4) Albacore: The production in 2020 was 53,680 M.T., which was 6.07% of total production.
- (5) Milkfish: The production in 2020 was 52,724 M.T., which was 5.96% of total production.
- (6) Hard clam ∙ Common orient clam: The production in 2020 was 52,241 M.T., which was 5.90% of total production.
- (7) Argentine shortfin squid: The production in 2020 was 51,134 M.T., which was 5.78% of total production.
- (8) Blue mackerel ∙ Slimy mackerel ∙ Spotted chub mackerel: The production in 2020 was 46,508 M.T., which was 5.25% of total production.
- (9) Yellowfin tuna: The production in 2020 was 44,411 M.T., which was 5.02% of total production.
- (10) Bigeye tuna: The production in 2020 was 37,781 M.T., which was 4.27% of total production.
- (11) Blue shark: The production in 2020 was 24,065 M.T., which was 2.72% of total production.
- (12) Perches: The production in 2020 was 21,619 M.T., which was 2.44% of total production.
- (13) Oyster: The production in 2020 was 19,243 M.T., which was 2.17% of total production.
- (14) Chub mackerel ∙ Slimy mackerel ∙ Striped mackerel: The production in 2020 was 19,091 M.T., which was 2.16% of total production.
- (15) Oilfish ∙ Escolar ∙ Snake mackerel: The production in 2020 was 18,063 M.T., which was 2.04% of total production.
- (16) Japanese horse mackerel ∙ Japanese jack mackerel: The production in 2020 was 13,273 M.T., which was 1.50% of total production.
- (17) Hairtail: The production in 2020 was 13,189 M.T., which was 1.49% of total production.
- (18) Threadfins: The production in 2020 was 12,904 M.T., which was 1.46% of total production.
- (19) Swordfish: The production in 2020 was 9,449 M.T., which was 1.07% of total production.
- (20) Whiteleg shrimp: The production in 2020 was 8,096 M.T., which was 0.91% of total production.

FISHING VESSELS

1. The number of total fishing crafts in 2020 reached 21,772 showing an increase of 83 (0.38%) compared with the number of 21,689 in 2019.
The total tonnage in 2020 reached 553,761 showing a decrease of 339 (-0.06%) compared with the tonnage of 554,101 in 2019.

二、新造動力漁船：109 年新建造動力漁船數 173 艘，較 108 年之 161 艘，增加 12 艘，增加比率為 7.45 %；新造動力漁船總噸數計 10,133 噸較 108 年之 12,097 噸，減少 1,964 噸，減少比率為-16.24%。

三、動力漁船：109 年動力漁船有 12,181 艘，較 108 年之 12,101 艘，增加 80 艘，增加比率為 0.66%；動力漁船總噸數有 553,707 噸，較 108 年之 554,041 噸，減少 334 噸，減少比率為-0.06%。

四、無動力舢舨：109 年無動力舢舨有 71 艘，較 108 年之 77 艘，減少 6 艘，減少比率為-7.79%。

五、動力漁筏：109 年動力漁筏數 9,273 艘，較 108 年之 9,272 艘，增加 1 艘，增加比率為 0.01%。

六、無動力漁筏：109 年無動力漁筏數 247 艘，較 108 年之 239 艘，增加 8 艘，增加比率為 3.35%。

水產製造品量值：

109 年水產製造品罐頭類為 7,666 公噸，價值新臺幣 437,719 千元，冷凍冷藏品 269,842 公噸，價值 21,009,685 千元，燻製品 0 公噸，價值 0 千元，乾製與鹽製品 6,406 公噸，價值 605,689 千元，調味乾製品 501 公噸，價值 456,331 千元，魚翅製品 262 公噸，價值 65,320 千元，魚卵 215 公噸，價值 507,604 千元，魚漿製品 31,230 公噸，價值 1,948,159 千元，非食品 10,396 公噸，價值 1,234,993 千元。

水產加工廠：

109 年水產加工廠有 624 家，較 108 年 688 家減少 64 家，其中加工廠有 246 家，較 108 年 264 家減少 18 家，其他水產加工業者有 378 家，較 108 年 424 家減少 46 家。

養殖面積：

109 年底養殖面積為 45,481.48 公頃，較 108 年底 44,111.17 公頃，增加 1,370.31 公頃。其中海面養殖 9,988.45 公頃，較 108 年底 8,577.99 公頃，增加 1,410.46 公頃，鹹水魚塢 21,476.88 公頃，較 108 年底 21,323.59 公頃，增加 153.29 公頃，淡水魚塢 13,096.50 公頃，較 108 年底 13,224.78 公頃，減少 128.28 公頃，其他內陸養殖 865.87 公頃，較 108 年底 984.81 公頃，減少 118.94 公頃；另觀賞魚養殖面積 53.78 公頃，箱網養殖 354,500.00 立方公尺。

魚苗生產量：

109 年各種魚蝦苗(包括捕撈及人工繁殖魚、蝦苗)生產量計 3,150,451 千尾，鰲蟬蟹苗 55,496 千隻，貝介苗 6,097,754 千粒。

遭難漁船：

109 年漁船數為 224 艘，其中動力漁船有 213 艘，無動力舢舨及漁筏計 10 艘，娛樂漁船計 1 艘，依遭難別分則海上沉沒有 27 艘，港內沉沒有 2 艘，海上未沉沒有 186 艘，港內未沉沒有 9 艘，失蹤有 0 艘，較 108 年遭難漁船數 114 艘增加 110 艘。

2. New built fishing vessel: The total number of new built fishing vessel in 2020 was 173 showing an increase of 12 (7.45%) as compared with 161 built in 2019.
The total tonnage in 2020 reached 10,133 showing a decrease of 1,964 (-16.24%) compared with the tonnage of 12,097 in 2019.
3. Motor-based fishing vessels: The total number of motor-based fishing vessels in 2020 was 12,181 showing an increase of 80 (0.66%) as compared with 12,101 in 2019.
The total tonnage in 2020 reached 553,707 showing a decrease of 334 (-0.06%) compared with the tonnage of 554,041 in 2019.
4. Non-motor-based sampans: The total number of non-motor-based sampans in 2020 was 71 showing a decrease of 6 (-7.79%) as compared with 77 in 2019.
5. Motor-based rafts: The total number of motor-based raft in 2020 was 9,273 showing an increase of 1 (0.01%) as compared with 9,272 in 2019.
6. Non-motor-based rafts: The total number of non-motor-based raft in 2020 was 247 showing an increase of 8 (3.35%) as compared with 239 in 2019.

PROCESSED FISHERY PRODUCTS

In 2020, canned fishery products totaled 7,666 M.T. valued at thousand NT\$437,719. Frozen and cold storage products were 269,842 M.T. valued at thousand NT\$21,009,685. Smoked products were 0 M.T. valued at thousand NT\$ 0. Dried and salted products were 6,406 M.T. valued at thousand NT\$605,689. Dried seasoning products were 501 M.T. valued at thousand NT\$456,331. Fish fin products were 262 M.T. valued at thousand NT\$65,320. Mullet roe products were 215 M.T. valued at thousand NT\$ 507,604. Fish paste products were 31,230 M.T. valued at thousand NT\$ 1,948,159. Non-edible processed fishery products were 10,396 M.T. valued at thousand NT\$1,234,993.

PROCESSING PLANTS

The numbers of fish processing plants were 624 in 2020 showing a decrease of 64 compared with 688 of 2019. Of which 246 were processing plants, and 378 were other processing plants.

CULTURE AREA

The area in culture including marine culture, freshwater ponds, brackish water ponds, ornamental fish culture and others totaled 45,481.48 hectares in 2020 showing an increase of 1,370.31 as compared with 44,111.17 hectares in 2019.

SUPPLY OF FRY AND SHELLFISH SEEDS

The number of fish and shrimp fry supplied for culture including those collected from nature waters and those produced by hatcheries were 3,150,451 thousand frys in 2020.

The supply of soft shell turtle and crab juveniles were 55,496 thousand PCs. The supply of shellfish totaled 6,097,754 thousand seeds.

CASUALTIES OF FISHING VESSELS

The casualties of fishing vessels totaled 224 in 2020 of which 213 were motor-based fishing vessels, 10 were fishing rafts and non-motor-based sampans, 1 were recreational fishery crafts. According to the reason, 27 were sunk at sea, 2 were sunk in port, 186 were nusunk at sea, 9 were nusunk in port and 0 were missing.

遭難漁民：

109 年海難漁民死亡者 35 人，傷殘者 53 人，失蹤者 2 人。在傷殘人數中以船上傷病 52 人占 98.11% 最高，死亡者以其他 20 人比率最高，失蹤者以其他 1 人比率最高。

水產貿易：

109 年水產品輸入量為 526,956 公噸，價值美元 1,831,847 千元，較 108 年輸入量增加 21,820 公噸，價值增加美元 51,588 千元。輸出量 578,461 公噸，價值美元 1,437,555 千元，較 108 年輸出量減少 157,963 公噸，價值減少美元 382,173 千元。

魚貨批發市場：

臺灣地區魚市場計 47 處，包括消費地魚市場 13 處及生產地魚市場 34 處，其等級及分布如下表，109 年魚市場總交易量合計 336,779 公噸，總交易值為新臺幣 24,776,638 千元，較 108 年減少 78,022 公噸，價值減少 2,193,000 千元。

109 年臺灣地區魚貨批發市場等級區分表

市場等級	年交易量(公噸)	生產地市場(處)	消費地市場(處)	合計(處)
特等	65,000 以上	1	0	1
一等	64,999 ~ 20,000	2	1	3
二等	19,999 ~ 10,000	0	3	3
三等	9,999 ~ 4,000	5	5	10
四等	3,999 ~ 2,000	4	2	6
五等	2,000 以下	22	2	24
合計		34	13	47

水產配合飼料工廠：

109 年臺灣地區水產飼料工廠有 51 家，總產量合計 428,513 公噸。

僱用外籍船員數：

109 年遠洋漁船境外僱用外籍船員 18,864 人，境外僱用大陸船員 806 人；沿海作業漁船境內僱用外籍船員 11,343 人，境外僱用大陸船員 468 人。

CASUALTIES OF FISHERMEN

In 2020, 35 fishermen lost their lives in fishing accident, 53 were injured or disabled, and 2 were missing.

FOREIGN TRADE

Imported fishery products in 2020 totaled 526,956 M.T. valued at thousand US\$1,831,847 showing an increase of 21,820 M.T. and an increase of thousand US\$51,588 as compared with that of 2019. The exports totaled 578,461 M.T. valued at thousand US\$1,437,555 showing a decrease of 157,963 M.T. and a decrease of thousand US\$382,173 as compared with those of 2019.

FISH WHOLESALE MARKET

There were 47 Fish Wholesale Markets in Taiwan Area, including 13 of Consumptive area Fish Markets & 34 of Productive Area Fish Markets. The Grade & Distribution of these Markets are present in the following table. In 2020, Fish Wholesale Markets totally 336,779 M.T. valued with thousand NT\$24,776,638 showing a decrease of 78,022 M.T. and a decrease of thousand NT\$2,193,000 as compared with those of 2019.

2020 Taiwan Area Fish Wholesale Markets by Grade

Market grades by Trading	Volume of Market (M.T.)	Productive Area Fish Markets	Consumptive Area Fish Markets	Total
Superior	65,000 & Over	1	0	1
A	64,999 ~ 20,000	2	1	3
B	19,999 ~ 10,000	0	3	3
C	9,999 ~ 4,000	5	5	10
D	3,999 ~ 2,000	4	2	6
E	Below 2,000	22	2	24
Total		34	13	47

AQUATIC ARTIFICIAL FEED FACTORY

The numbers of aquatic artificial feed factories were 51 in 2020; those produced totally 428,513 M.T. of aquatic animal feeds.

THE NUMBER OF FOREIGN CREW MEMBERS EMPLOYED

The number of foreign crew members employed overseas aboard distant water fishing vessels was 18,864 in 2020, The number of crew members from mainland China employed overseas was 806 in 2020 ; The number of foreign crew members employed domestically aboard fishing vessels operating in coastal and offshore fisheries is 11,343 in 2020, The number of crew members from mainland China employed overseas was 468 in 2020.