

**PORT SURVEY
2021**

**Agriculture, Fisheries and Conservation Department
2022**

I. BACKGROUND

The Agriculture, Fisheries and Conservation Department conducted a comprehensive territory-wide survey in 2021 (Port Survey 2021) to collect updated information on fishing operation and production of local fishing vessels in Hong Kong waters during 2020. The survey provides useful information for the formulation and implementation of effective fisheries management strategies and measures.

II. METHODOLOGY

The Port Survey 2021 was conducted by means of an interview programme that collected information from local capture fishermen about their fishing operation and production in Hong Kong waters. The survey covered various types of local fishing vessels from different homeports¹ and achieved a sampling rate of about 30%. The estimated number of the relevant types of fishing vessels and the locations of the homeports are presented in Table 1-1 and Figure 1-1, respectively, at **Appendix 1**. Based on the information and data collected from the survey, figures were prepared to show the general geographical distribution and estimated levels of fishing operation and fisheries production in Hong Kong waters in the form of grids² (see Part III below).

III. RESULTS

A. Distribution of Fishing Operation in Hong Kong Waters

Figures showing the geographical distribution of fishing operation of local fishing vessels in Hong Kong waters with different estimated levels of operation (in number of vessels/grid) are presented at **Appendix 2** as follows:

Distribution of Fishing Operation (by Type of Fishing Vessel)	Figure
Overall	<u>Figure 2-1</u>
Sampan ³	<u>Figure 2-2</u>
Other Types of Fishing Vessels ⁴	<u>Figure 2-3</u>

¹ Homeports are places at which local fishing vessels are habitually based.

² The grids as delineated are based on the Hong Kong 1980 Grid System and each grid represents 720 hectare.

³ Sampans are small fishing boats with flexibility in fishing method and fishing time.

⁴ Including gill netter, purse seiner, long liner, hand liner, cage trapper and various vessel types.

B. Distribution of Fisheries Production in Hong Kong Waters

Figures showing the geographical distribution of fisheries production of local fishing vessels in Hong Kong waters with different estimated quantities of production⁵ (in kg/ha) are presented at **Appendix 3** as follows:

Distribution of Fisheries Production (by Type of Fishing Vessel)	Figure
Overall	<u>Figure 3-1</u>
Sampan	<u>Figure 3-2</u>
Other Types of Fishing Vessels	<u>Figure 3-3</u>

C. Major Types of Fish Catch

The top 10 families / groups of fish catch from Hong Kong waters are presented in Table 4-1 at **Appendix 4**.

End

⁵ In Port Survey 2021, production related to fish fry collection was found negligible.

Appendix 1

Table 1-1 Estimated Number of Relevant Types of Local Fishing Vessels

Type of Fishing Vessel	Estimated Number
Sampan	3 506
Gill Netter	271
Purse Seiner	101
Long Liner	88
Hand Liner	39
Miscellaneous#	65
Total	4 070

Including cage trapper and various vessel types.

Figure 1-1 Port Survey 2021
Location of homeports of local fishing vessels



Figure 2-1 Port Survey 2021
Geographical distribution of fishing operation
Overall

圖 2-1 2021年捕魚作業及生產調查
捕魚作業的地理分布
總計

图 2-1 2021年捕鱼作业及生产调查
捕鱼作业的地理分布
总计

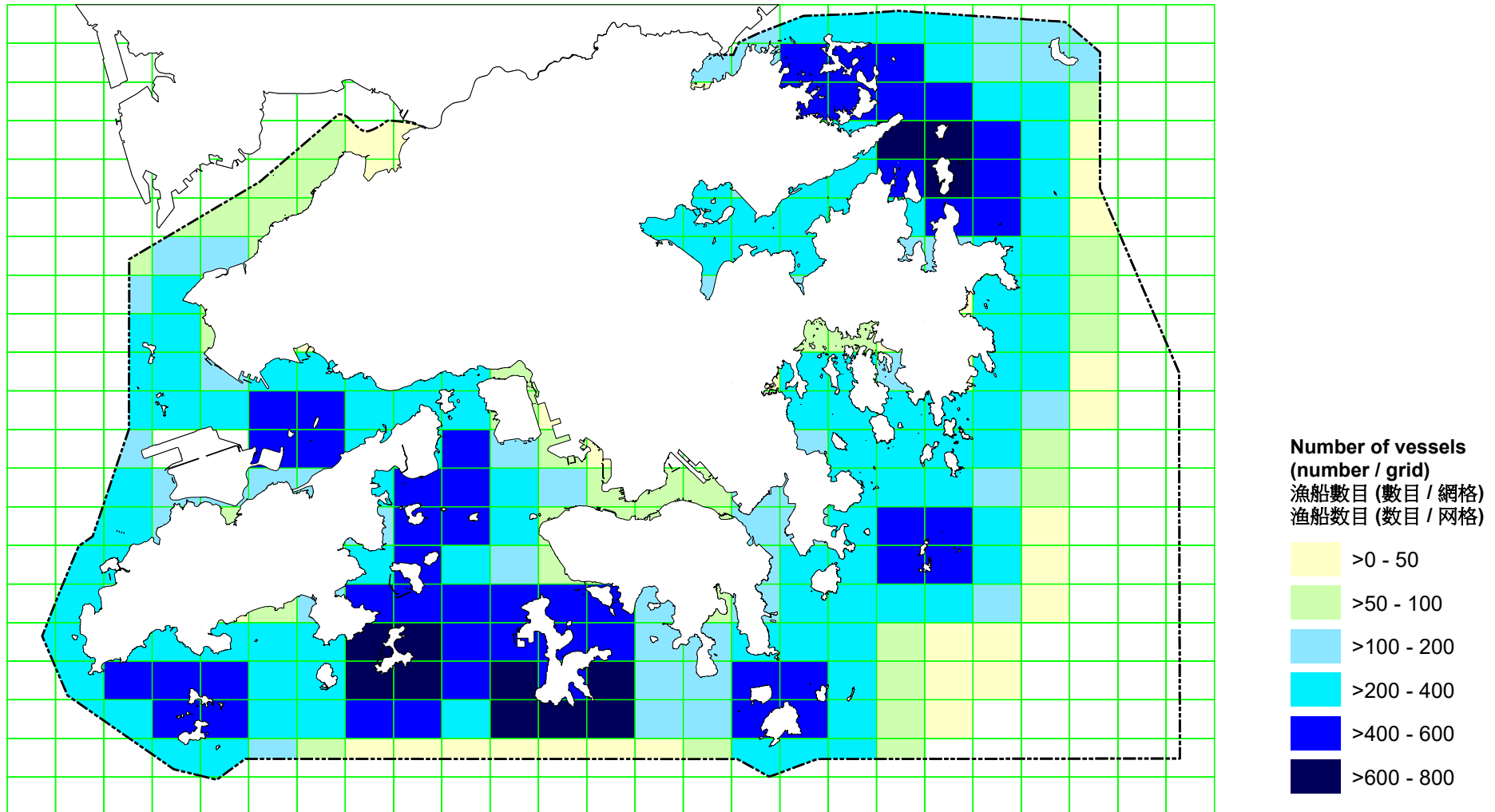


Figure 2-2 Port Survey 2021
Geographical distribution of fishing operation
Sampan

圖 2-2 2021年捕魚作業及生產調查
捕魚作業的地理分布
舢舨

图 2-2 2021年捕鱼作业及生产调查
捕鱼作业的地理分布
舢舨

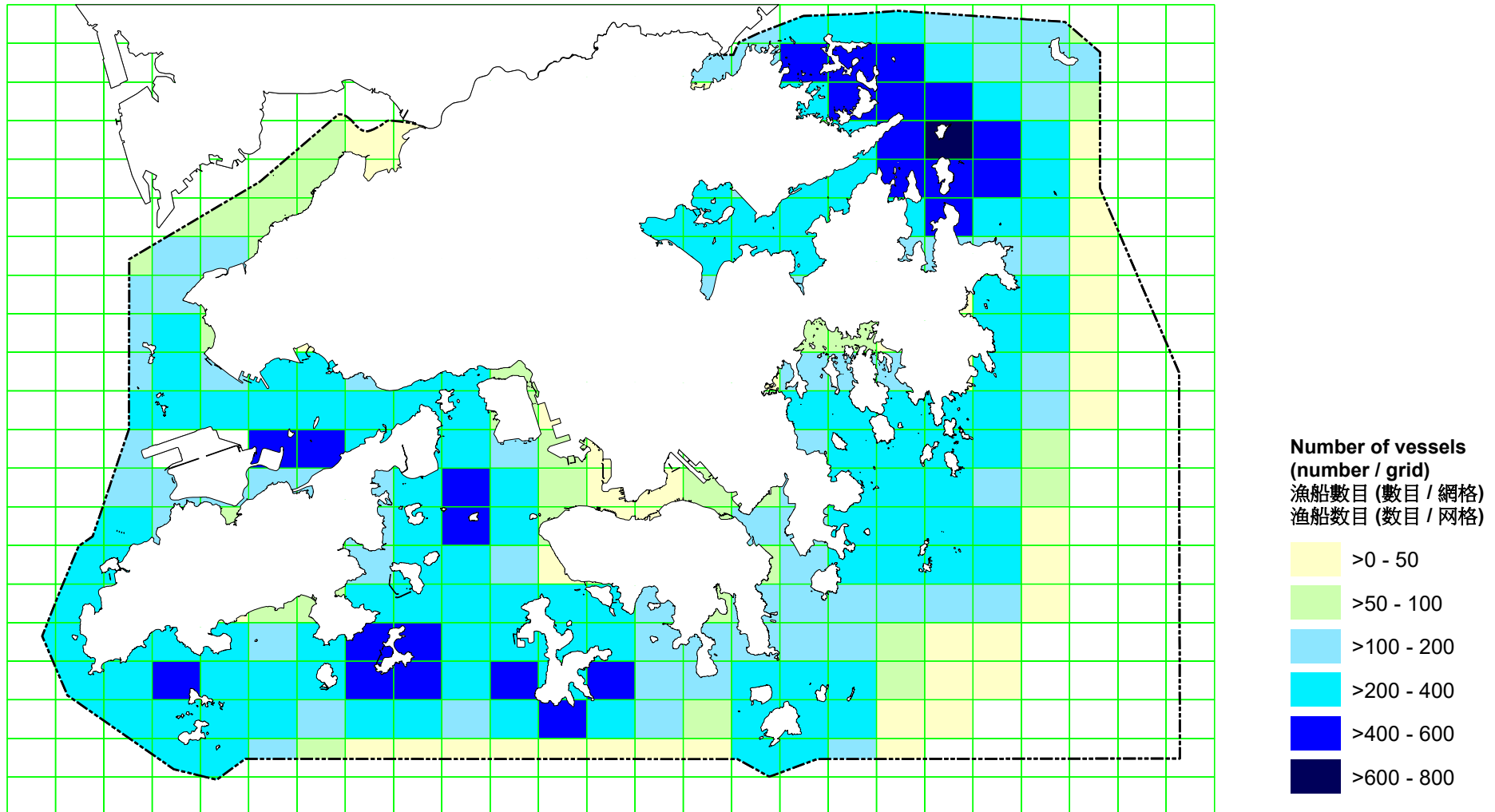


Figure 2-3 Port Survey 2021
Geographical distribution of fishing operation
Other types of fishing vessels

圖 2-3 2021年捕魚作業及生產調查
捕魚作業的地理分布
其他作業形式的漁船

图 2-3 2021年捕鱼作业及生产调查
捕鱼作业的地理分布
其他作业形式的渔船

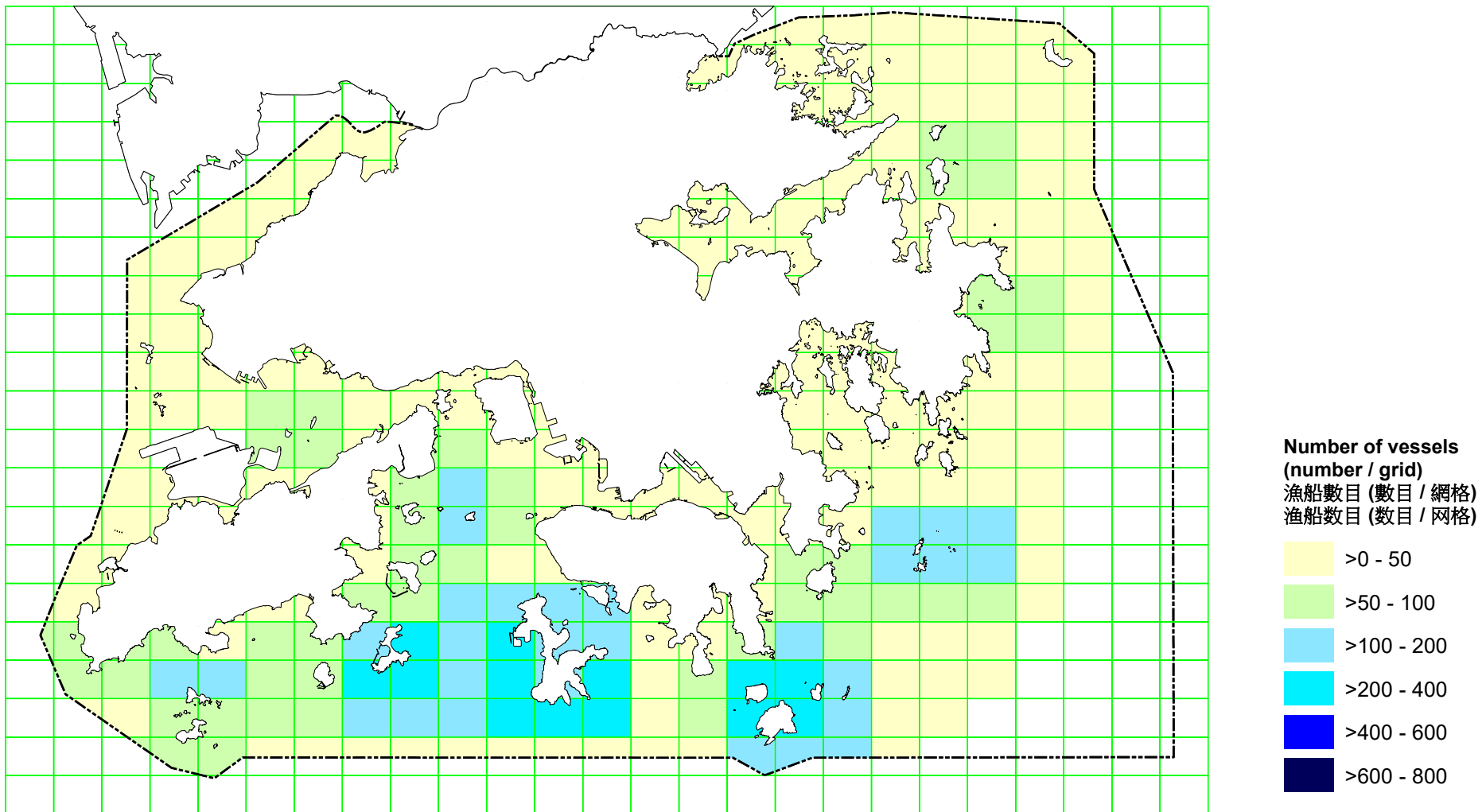


Figure 3-1 Port Survey 2021
Geographical distribution of fisheries production
Overall

圖 3-1 2021年捕魚作業及生產調查
捕魚生產的地理分布
總計

图 3-1 2021年捕鱼作业及生产调查
捕鱼生产的地理分布
总计

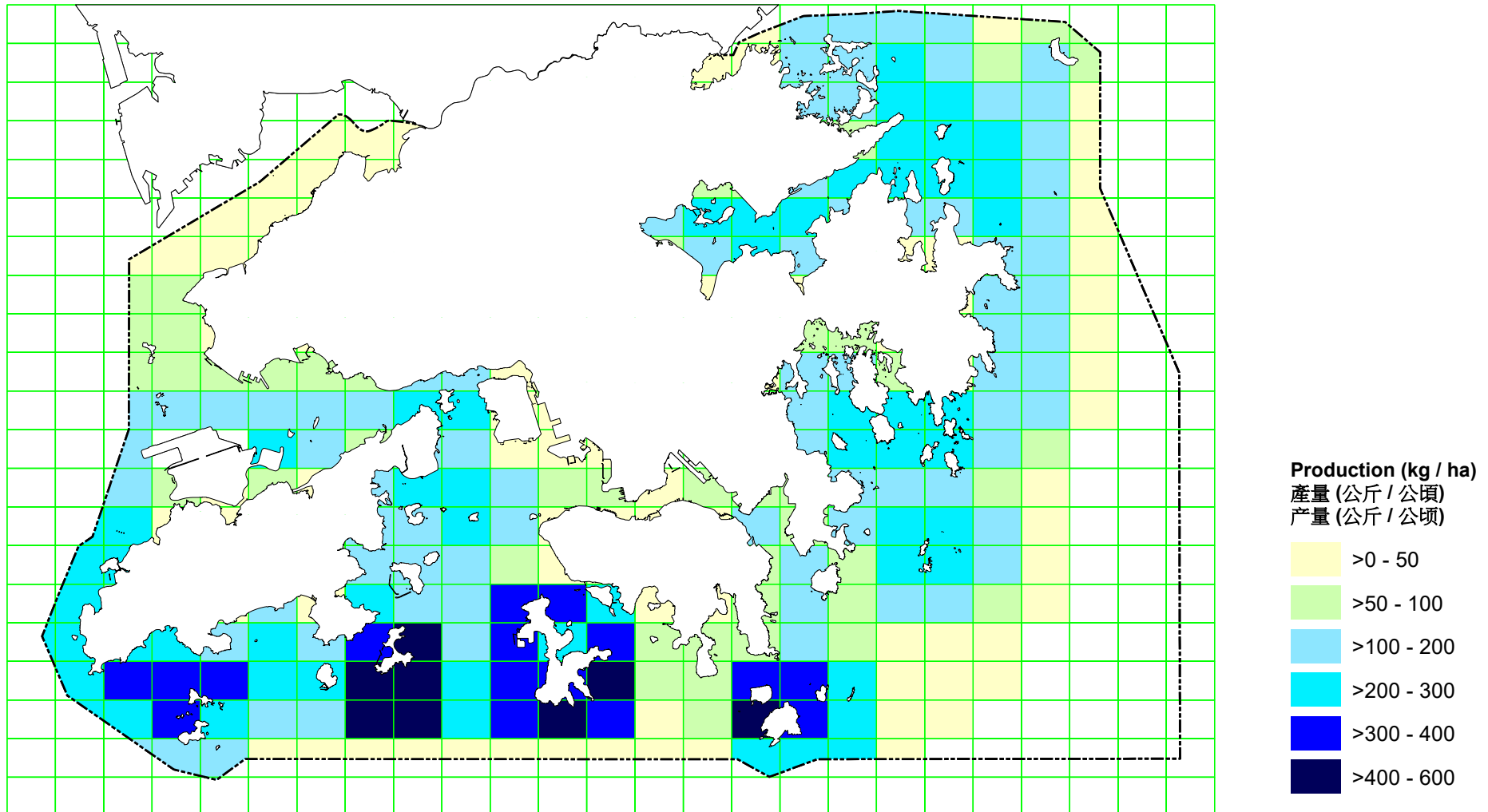


Figure 3-2 Port Survey 2021
Geographical distribution of fisheries production
Sampan

圖 3-2 2021年捕魚作業及生產調查
捕魚生產的地理分布
舢舨

图 3-2 2021年捕鱼作业及生产调查
捕鱼生产的地理分布
舢舨

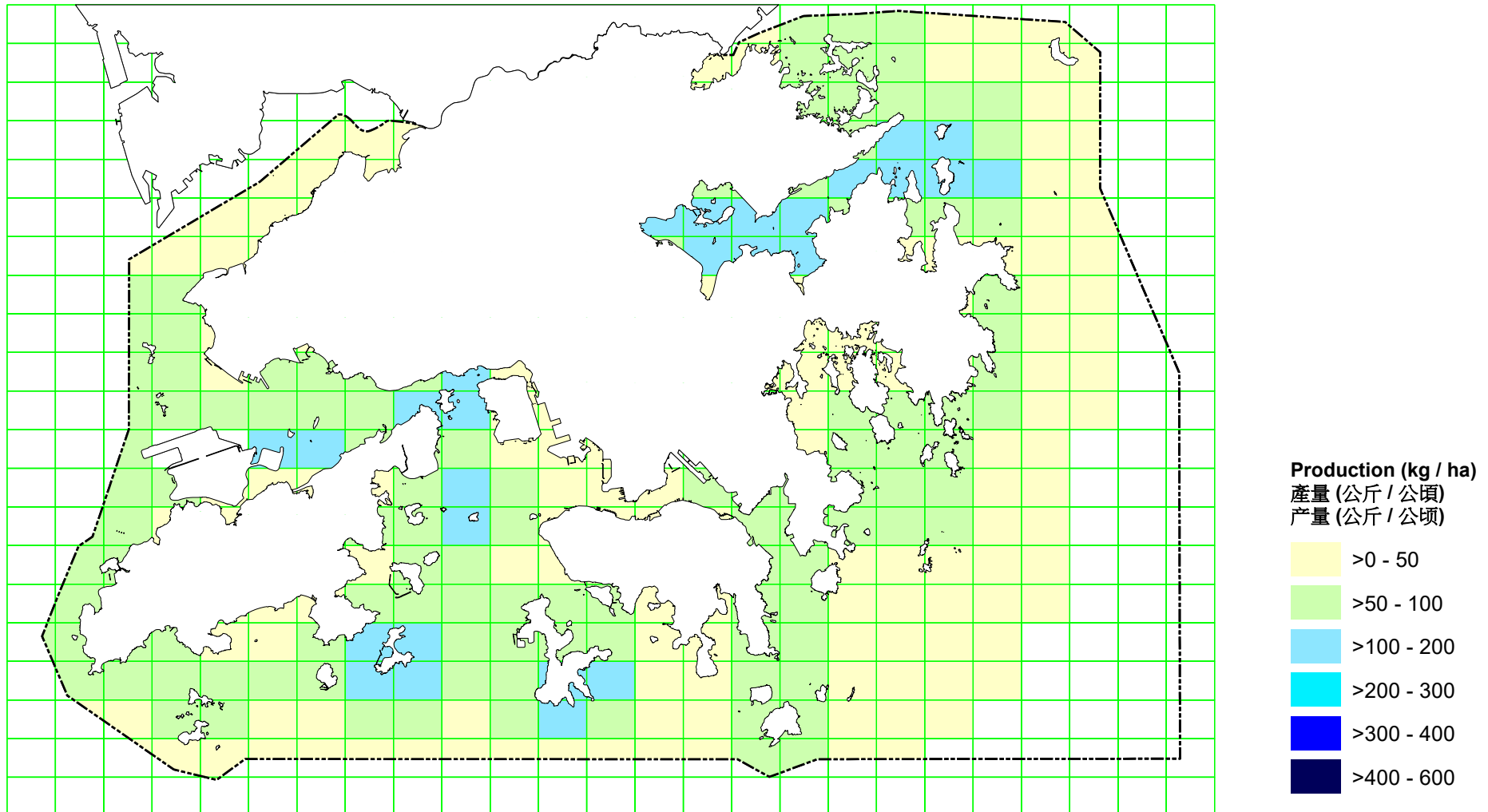
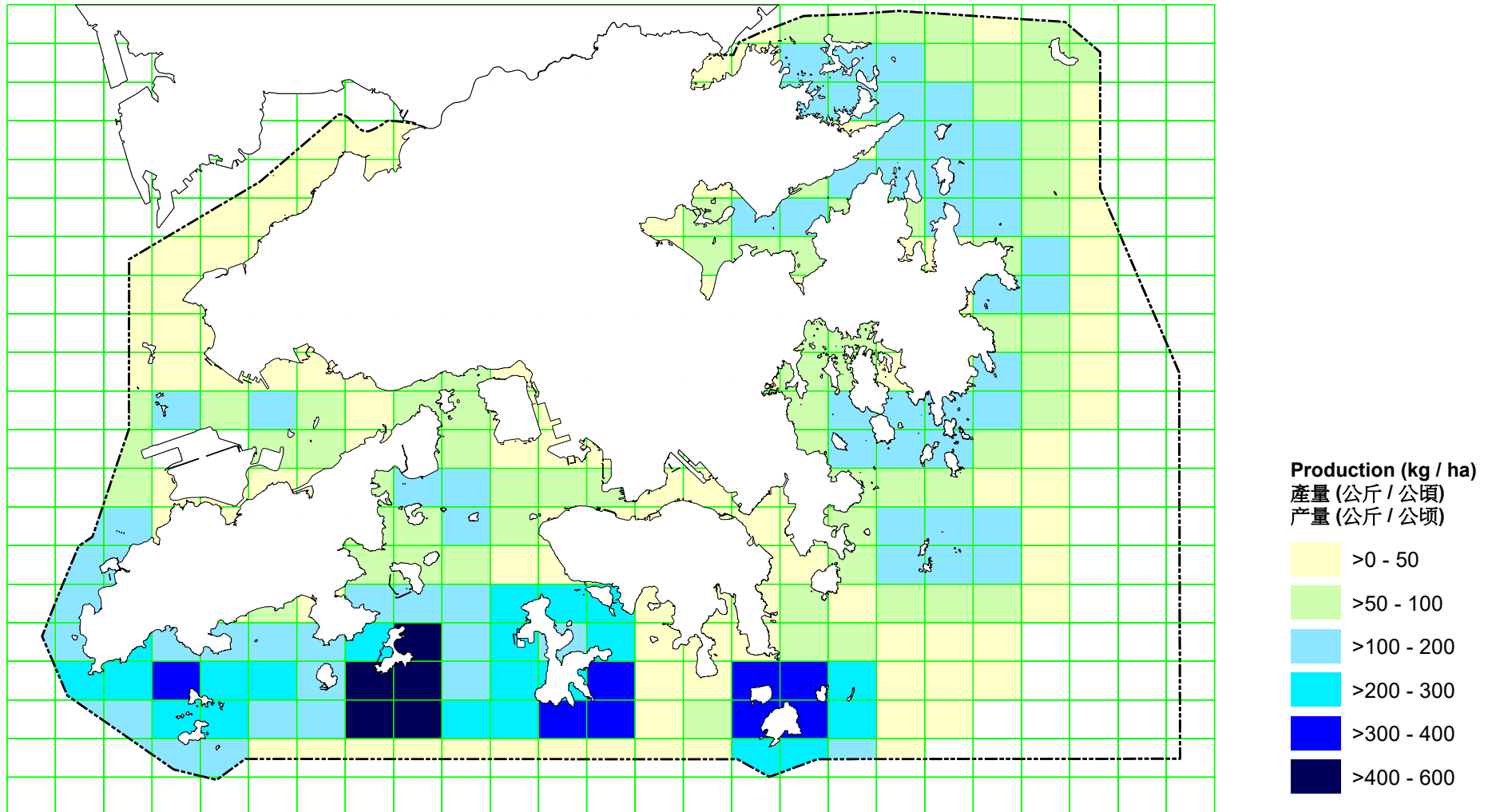


Figure 3-3 Port Survey 2021
Geographical distribution of fisheries production
Other types of fishing vessels

圖 3-3 2021年捕魚作業及生產調查
捕魚生產的地理分布
其他作業形式的漁船

图 3-3 2021年捕鱼作业及生产调查
捕鱼生产的地理分布
其他作业形式的渔船



Appendix 4

Table 4-1 Top 10 Families / Groups of Fish Catch in Hong Kong Waters*

Rank[#]	Family / Group	Common Name
1	Clupeidae	Sardine, Shad
2	Mugilidae	Mullet
3	Sciaenidae	Croaker
4	Carangidae	Scad, Jack
5	Siganidae	Rabbitfish
6	Sparidae	Seabream
7	Mixed crab	Crab
8	Mixed squid	Squid
9	Polynemidae	Threadfin
10	Scorpaenidae	Scorpionfish, Common rockfish

* Other families/groups of common fish catch include Platycephalidae (flathead), Cynoglossidae (tongue sole), Muraenesocidae (conger-pike eel), mixed shrimp and Scombridae (mackerel), etc.

[#] Ranking is based on the estimated weight of production of each family/group of fish catch.