

INSTRUCTIONS ON HOW TO ACCOMPLISH THE MONTHLY MUNICIPAL FISHERIES SURVEY FORM 1

Monthly Municipal Fisheries Survey is conducted to generate information on volume of unloadings by species by fishing gear by fishing ground, price per kilo by species, fishing effort and number of boats unloading by gear type.

The Monthly Municipal Fisheries Survey Form 1(MMFS Form 1) is a listing sheet type of form consisting of two (2) pages. The first page is divided into seven (7) blocks, namely:

BLOCK A – GENERAL INFORMATION

BLOCK B – BOAT INFORMATION

BLOCK C – FISHING EFFORT

BLOCK D - FISH UNLOADING INFORMATION

**BLOCK E – SUMMARY OF UNLOADINGS FOR THE DAY BY
GEAR TYPE**

BLOCK F – TOTAL FISH UNLOADINGS

BLOCK G – REMARKS

The second page, which contains the landing center name and blocks B,C and D only, provide additional lines for more boats and unloading information.

One form is intended for several boats. Use the **first page only once** for the sample **landing center per unloading time per survey day**. If a fishing boat unloaded several species, use several lines for the species and use the second page of the form as needed.

Page _____ of _____ pages

At the upper right hand corner of the questionnaire, number the pages consecutively. The first and the second blank spaces provided, indicate the total number of pages used for one data collection day in a sample landing center.

Survey Month – Write the month when the survey is conducted

A. GENERAL INFORMATION

This block accounts for the geographic identification and information common to all the unloading boats in the landing center. Date of data collection and the duration of unloading time are also found in this block.

Region

Write the name of the region. Enter the geographic code of the region in the boxes found opposite the name of the region.

Province

Indicate the name of the province. Enter the geographic code of the province in the boxes found opposite the name of the province.

Landing Center

Landing Center refers to a place where the fish catch and other aquatic products are unloaded and traded.

Write the complete name of the sample landing center and indicate the corresponding code.

Stratum

Encircle code 1 if the sample landing center belongs to **Stratum 1** (top producing landing center).

Encircle code 2 if the sample landing center belongs to **Stratum 2** (major producing landing centers).

Encircle code 3 if the sample landing center belongs to **Stratum 3** (minor producing landing centers).

Date of Data Collection

Enter the two (2) digit code of the month, the day and the year the data is collected.

Unloading Time

Unloading time refers to the usual time when fishing boats start to unload their fish catch until the time of unloading of the last boat.

Encircle **code “1”** if boats listed in the questionnaire unloaded catch during the 1st unloading time specified in the duration.

Encircle **code “2”** if boats listed in the questionnaire unloaded catch during the 2nd unloading time specified in the duration.

Encircle **code “3”** in case there are unloadings outside the 1st and 2nd unloading times.

Separate sheets should be used for each unloading time.

B. BOAT INFORMATION

This block asks for individual information on fishing boats unloading in the landing center.

Column 1 – Boat Number

This column is for control purposes on the number of boats unloading in the landing center.

Number the boats enumerated at the sample landing center consecutively.

Column 2 – Name of Fishing Boat

Fishing boat refers to type of watercraft, such as motorized/non-motorized banca, sailboat, motorboat, etc. either licensed or not, used for fishing purposes.

Indicate the name of municipal fishing boats that unloaded fish catch at the landing center. In case a fishing boat does not have a name, write the name of the owner/fisherman instead.

Column 3 – Type of Fishing Gear Used

Fishing gear refers to any instrument or device and its accessories utilized in taking fish and other fishery species.

Write the type of fishing gear used in the fishing operation. Indicate the corresponding code of the fishing gear.

C. FISHING EFFORT

This block asks for information on the fishing effort of fishing boats unloading in the landing center. Columns on fishing effort should be accomplished even if the fishing boat has no catch since fisherman also exerted effort during the fishing operation.

Column 4 – Number of Crew

Enter the number of fishermen involved in the fishing operation .

Column 5 – Number of Fishing Hours/Trip

Indicate the number of fishing hours spent per trip by municipal fishing boats. If fishing operation is more than a day, convert days to hours by multiplying one (1) day by 24 hours.

NOTE: Travel time from home port to fishing ground and from fishing ground to landing center should not be included in reporting the number of fishing hours in column 5 but searching time must be included.

Column 6 – Total Number of Hauls

Number of hauls is the number of times the fishing gear is set, dropped and lifted, This question applies **for net gears only**.

Enter in this column the total number of hauls made during the fishing operation.

D. FISH UNLOADING INFORMATION

This block asks for information on name of fishing ground, volume and price of fish catch by species.

Column 7 – Fishing Ground

Fishing ground refers to areas in any body of water where fish and other aquatic resources congregate and become target of capture.

Write under this column the name of fishing ground.

Column 8 – Species

Write under this column **all kinds** of species unloaded by the fishing boat. If assorted, allocate all fish catch unloaded among the **dominant** species. **Tuna unloaded should be properly identified by kind, i.e. Yellowfin Tuna, Big-eye Tuna, Skipjack.** If possible, use **English** names of species unloaded.

Write the corresponding code of species unloaded.

Column 9 – Quantity in Local Unit

Enter under this column the quantity in local unit of each unloaded species identified in column 8.

Column 10 – Name of Local Unit

Write the name of local unit used in the quantity unloaded, e.g., bañera, box, styrofoam, etc. Write kg. if the answer is in kilograms.

Column 11 – Weight of one Local Unit (If kilo, write 1)

Enter under this column the weight in kilograms of one local unit reported in column 10. If in kilo, write **1** on the appropriate space provided.

Column 12 – Price per Local Unit (Peso)

Enter under this column the price per local unit of species reported in column 8.

Column 13 – Raising Factor (B/b):

Copy from Section E, to be accomplished after each enumeration day.

R.F. or Raising Factor is taken by dividing (B) by (b) by gear type
where B is the total number of boats that landed and
b is the number of boats enumerated

Column 14 – Total Unloadings

Multiply Column **9** with Columns **11** and **13**. Round off answers to whole number.

E. SUMMARY OF UNLOADINGS FOR THE DAY BY GEAR TYPE

This block aims to get information on the number of boats by type of fishing gear used during the survey day.

Fishing Gear

Record all types of fishing gears used in the landing center during the survey day, i.e., gears used in the 1st and 2nd unloading times and those outside the unloading times, if there are any.

Number of Boats

For each unloading time, count the number of distinct boat that used each of the gear listed in the column “**Fishing Gear**”.

Add the numbers obtained for the 1st unloading, for the 2nd unloading (if there are any), and for those outside unloading time/s (if there are any)

For landing centers where sampling of boats is employed, indicate the total number of boats that landed under (B), and the total number of boat that are enumerated under (b).

For landing centers where boats are completely enumerated, number of boats under (B) and (b) are the same.

F. TOTAL FISH UNLOADINGS

Take the sum of all entries under column 14 for all pages of accomplished questionnaires. This represents the total fish catch for the day.

G. REMARKS

Indicate in this block relevant observations in the landing center during the survey day.

FOR THE DATA COLLECTOR:

DATA COLLECTOR – Print name and sign as Data Collector

Date – Write the collection date.

FOR THE SUPERVISOR:

SUPERVISOR – Print name and sign as Supervisor

Date – Write the date of supervision.

THANK YOU AND GOOD LUCK!