# Tonga - PROCFish/C - Socio-Economic survey 2008 

Coastal Fisheries Programme
Report generated on: July 17, 2020

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## Overview

## Identification

## ID NUMBER

SPC_TON_2008_SE-PROCFISH_v01_M_v01_A_PUF

## Version

## VERSION DESCRIPTION

Version 01: This is the final, clean, labelled and anonymized version of the Master file.

## PRODUCTION DATE

2008-10-31

## Overview


#### Abstract

The coastal component of the Pacific Regional Oceanic and Coastal Fisheries Development Programme (PROCFish/C) conducted fieldwork in four locations around the Kingdom of Tonga in April to June, September and October 2008. This followed previous work funded by the MacArthur Foundation at six locations in the Kingdom of Tonga in November and December 2001, and March to June 2002 under "The joint application of demography and ecology in evaluating the role of coastal fisheries resources in Pacific Islands: the DemEcoFish project". The Kingdom of Tonga is one of 17 Pacific Island countries and territories being surveyed over a 5-6 year period by PROCFish/C or its associated programme CoFish (Pacific Regional Coastal Fisheries Development Programme).

The aim of the survey work was to provide baseline information on the status of reef fisheries, and to help fill the massive information gap that hinders the effective management of reef fisheries.


Other programme outputs include:

- implementation of the first comprehensive multi-country comparative assessment of reef fisheries (finfish, invertebrates and socioeconomics) ever undertaken in the Pacific Islands region using identical methodologies at each site;
- dissemination of country reports that comprise a set of 'reef fisheries profiles' for the sites in each country in order to provide information for coastal fisheries development and management planning;
- development of a set of indicators (or reference points to fishery status) to provide guidance when developing local and national reef fishery management plans and monitoring programmes; and
- development of data and information management systems, including regional and national databases.

Survey work in the Kingdom of Tonga covered three disciplines (finfish, invertebrate and socioeconomic) in each site, with programme scientists and several local counterparts from the Ministry of Agriculture and Fisheries. The fieldwork included capacity building for the local counterparts through instruction on survey methodologies in all three disciplines, including the collection of data and inputting the data into the programme's database.

In the Kingdom of Tonga, the four sites selected for the survey were Ha'atafu and Manuka on Tongatapu, and Koulo and Lofanga on Ha'apai.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Household and Individual (Finfish fishers; Invertebrate fishers; Key informants; Shop owners).

## Scope

NOTES
-HOUSEHOLD: Household size and composition; Ranked sources of income and average household expenditure level; Average household consumption patterns and sources; Average number of fishers and boats per household.
-INDIVIDUAL: Education level of adult members of the household; When, how often and during which months of the year fishers go out to particulat habitats; Average catch size; Catch composition; Fishing techniques; Proportion of the catch targeted for subsistence, gift and sale, and preservation; How finfish and invertebrates are preserved; Community's fishing grounds; Management rules; Major problems relating to the use/management of the community's marine resources; Quantities by species or groups marketed; Quality and processing level of species marketed; Price in local currency/USD; Client groups; Quantitative and qualitative changes in marketing perceived over a period of time.

## KEYWORDS

Socio-economic, Fisheries, Finfish, Invertebrates, Consumption, Subsistence, Gift, Sale, Fishing techniques, Habitat

## Coverage

## GEOGRAPHIC COVERAGE

In the Kingdom of Tonga, the four sites selected for the survey were Ha'atafu and Manuka on Tongatapu, and Koulo and Lofanga on Ha'apai.

UNIVERSE
The survey covered de jure household members. All household members responding the "Finfishers" and "Invertebrate fishers" questionnaires must be aged 15 years and over and must be living in the household surveyed.

## Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name |  | Affiliation |
| :--- | :--- | :--- |
| Coastal Fisheries Programme |  | Pacific Community (SPC) |
| OTHER PRODUCER(S) |  |  |
| Name | Affiliation | Role |
| Reef Fisheries Observatory |  | Technical assistance |

## FUNDING

| Name | Abbreviation | Role |
| :--- | :--- | :--- |
| European Commission |  | Funding |
| MacArthur Foundation |  | Funding |

OTHER ACKNOWLEDGEMENTS

| Name | Affiliation | Role |
| :--- | :--- | :--- |
| Fisheries Division | Ministry of Agriculture and Food, Forests and Fisheries | In-country assistance |

## Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
| :--- | :--- | :--- | :--- |

DATE OF METADATA PRODUCTION
2020-07-17
DDI DOCUMENT VERSION
Version 01 (July 2020): This is the first attempt at documenting the 2008 Pacific Regional Oceanic and Coastal Fisheries Development Programme Socio-Economic survey of Tonga. Done by Statistics for Development Division at Noumea, New Caledonia.

DDI DOCUMENT ID
DDI_SPC_TON_2008_SE-PROCFISH_v01_M_v01_A_PUF

## Sampling

## Sampling Procedure

At each site the extent of the community to be covered by the socioeconomic survey is determined by the size, nature and use of the fishing grounds. This selection process is highly dependent on local marine tenure rights. For example, in the case of community-owned fishing rights, a fishing community includes all villages that have access to a particular fishing ground. If the fisheries of all the villages concerned are comparable, one or two villages may be selected as representative samples, and consequently surveyed. Results will then be extrapolated to include all villages accessing the same fishing grounds under the same marine tenure system.

Most of the households included in the survey are chosen by simple random selection, as are the finfish and invertebrate fishers associated with any of these households. In addition, important participants in one or several particular fisheries may be selected for complementary surveying. Random sampling is used to provide an average and representative picture of the fishery situation in each community, including those who do not fish, those engaged in finfish and/or invertebrate fishing for subsistence, and those engaged in fishing activities on a small-scale artisanal basis. This assumption applies provided that selected communities are mostly traditional, relatively small ( $\sim 100-300$ households) and (from a socioeconomic point of view) largely homogenous. Similarly, gender and participation patterns (types of fishers by gender and fishery) revealed through the surveys are assumed to be representative of the entire community. Accordingly, harvest figures reported by male and female fishers participating in a community's various fisheries may be extrapolated to assess the impacts resulting from the entire community, sample size permitting (at least $25-30 \%$ of all households).

## Questionnaires

## Overview

The questionnaires are designed to allow a minimum dataset to be developed for each site, one that allows:

- the community's dependency on marine resources to be characterised;
- assessment of the community's engagement in and the possible impact of finfish and invertebrate harvesting; and
- comparison of socioeconomic information with data collected through PROCFish/C resource surveys.

The questionnaires are divided into 4 main areas:
-Household Survey => incorporating demographics, selected socioeconomic parameters and consumption patterns;
-Survey of fishers (finfish and invertebrate) $=>$ incorporating data by habitat and/or specific fishery;
-A general questionnaire targeting key informants $=>$ the purpose of which is to assess the overall characteristics of the site's fisheries;
-Finfish and invertebrate marketing questionnaires $=>$ that target agents, middlemen or buyers/sellers (shops and markets).
In addition to the questionnaires, two sets of size charts are provided to help assess the weight of fish and invertebrates caught and consumed. This is necessary as most village fishers do not use kilograms but local units of measure (heaps, plastic bags, strings, baskets, etc.), which are difficult to translate into kilogram weights.

Data collection is performed using a standard set of questionnaires developed by PROCFish/C's socioeconomic component, which include a household survey (key socioeconomic parameters and consumption patterns), finfish fisheries survey, invertebrate fisheries survey, marketing of finfish survey, marketing of invertebrates survey, and general information questionnaire (for key informants). In addition, further observations and relevant details are noted and recorded in a nonstandardised format.
Questionnaires are fully structured and closed, although open questions may be added on a case-to-case situation.

| Start | End | Cycle |
| :--- | :--- | :--- |
| 2008-04-01 | 2008-10-31 | Data collection |

## Data Collection Mode

Face-to-face [f2f]

## Data Collection Notes


#### Abstract

DATA COLLECTION: If translation is required, each interview is conducted jointly by the leader of the project's socioeconomic team and the local counterpart. In cases where no translation is needed, the project's socioeconomist may work individually. Selected interviews may be conducted by trainees receiving advanced field training, but trainees are monitored by project staff in case clarification or support is needed.

Most of the data are collected in the context of face-to-face interviews. Names of people interviewed are recorded on each questionnaire to facilitate cross-identification of fishers and households during data collection and to ensure that each fisher interview is complemented by a household interview. Linking data from household and fishery surveys is essential to permit joint data analysis. However, all names are suppressed once the data entry has been finalised, and thus the information provided by respondents remains anonymous.


Team members should be familiar with the objectives of the survey, their role in it, and the survey's contribution to resource management. They will need to understand the relationship, importance and content of the entire set of questionnaires to ensure that data collected are relevant, reliable and accurate. The tasks to be undertaken by each team member should be well defined and agreed on in advance. It is also very important that the survey team members are interested in meeting members of local communities, that they are patient in posing the same questions over and over again, and that they can listen to and engage with local people in an easy and understandable communication process that is free of manipulation.

The project utilises a 'snapshot approach' that provides 5-7 working days per site (with four sites per country). This timeframe generally allows about 25 households (and a corresponding number of associated finfish and invertebrate fishers) to be covered by the survey. The total number of finfish and invertebrate fishers interviewed also depends on the complexity of the fisheries practised by a particular community, the degree to which both sexes are engaged in finfish and invertebrate fisheries, and the size of the total target population. Data from finfish and invertebrate fisher interviews are grouped by habitat and fishery, respectively. Thus, the project's time and budget and the complexity of a particular site's fisheries are what determine the level of data representation: the larger the population and the number of fishers, and the more diversified the finfish and invertebrate fisheries, the lower the level of representation that can be achieved.

The interviews were done jointly by Pacific Commmunity (SPC)'s Coastal Fisheries Programme and the territorial fisheries authority of Tonga.

## NEGOTIATION:

A survey cannot begin or be implemented without the consent and cooperation of the target community(ies). It is advisable to identify in advance how to approach communities, keep them informed, and ensure their ownership of the data. One of the major responsibilities of the team leader is to approach the target communities in the early stages to inform them about the scope and objectives of the survey planned and the reason for selecting the respective community(ies). The team leader must request their agreement to participate and, more importantly, gain their full support for, and engagement in the exercise. The survey team members must also be aware of local customs and cultural protocols and proceed accordingly. The community needs to be fully informed of:
-the reason for and objectives of the survey;
-the contribution required from the community;
-how the data will be collected;
-how the data will be used;
-who will be responsible for data management; and
-in what form and when results and possible recommendations will be returned to the government authorities and
community(ies) concerned.

## PILOT TEST:

The proposed methods, approaches and questionnaires are the result of tests carried out and experience gained within the framework of two long-term projects implemented by SPC's Reef Fishery Observatory.
Pilot testing for methods, approach and questionnaires are therefore not obligatory. Pilot testing may, however, be performed so as to familiarise and/or train survey team members, and decide on the most appropriate language, and way of approaching the target community and conducting individual interviews.
It should be borne in mind that the questions provided in the questionnaires are a reminder of what data is needed. The sequence of questions is put into a logical order according to the information requirements prioritised. The sequence and/or way questions are finally formulated and posed may vary according to the situation, the interviewer and the respondent.

## Questionnaires

The questionnaires are designed to allow a minimum dataset to be developed for each site, one that allows:

- the community's dependency on marine resources to be characterised;
- assessment of the community's engagement in and the possible impact of finfish and invertebrate harvesting; and
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Questionnaires are fully structured and closed, although open questions may be added on a case-to-case situation.

## Data Collectors

## Name

Coastal Fisheries Programme
Fisheries Division

| Abbreviation | Affiliation |
| :--- | :--- |
| CFP | Pacific Community (SPC) |
|  | Ministry of Agriculture and Food, Forests and Fisheries |

## Supervision

The team leader should follow up on data gaps identified after filling in the checklist and assign tasks for collecting the missing data accordingly. Most of this missing data should be collected during survey implementation in the respective community(ies).

## Data Processing

## Data Editing

A software programme (SEMCOS) has been developed in tandem with this manual to assist in automatically performing all necessary analysis and producing outputs for the data collected.

## Other Processing

Data from all questionnaire forms are entered in the Reef Fisheries Integrated Database (RFID) system. All data entered are first verified and 'cleaned' prior to analysis. In the process of data entry, a comprehensive list of vernacular and corresponding scientific names for finfish and invertebrate species is developed.
Database queries have been defined and established that allow automatic retrieval of the descriptive statistics used when summarising results at the site and national levels.

## Data Appraisal

No content available

File Description

## Variable List

## SPC_TON_2008_SEprocfish_Households_v01_PUF

|  | This file is the "Households" dataset of the 2008 Pacific Regional Oceanic and Coastal Fisheries |
| :---: | :---: |
| Content | Development Programme Socio-Economic survey of Tonga. It contains information collected using the "Household Census and Consumption Survey" form. |
| Cases | 87 |
| Variable(s) | 56 |
| Structure | Type: relational <br> Keys: Household_ID(Unique Household ID) |
| Version | Version 01: This is the final, clean, labelled and anonymized version of the Master file. |
| Producer | Coastal Fisheries Programme (SPC). |
| Missing Data |  |

## Variables

| ID | NAME | LABEL | TYPE | FORMAT | QUESTION |
| :--- | :--- | :--- | :--- | :--- | :--- |
| V4959 | Site | Site | discrete | numeric |  |
| V4960 | HH_Code | Household Code | contin | numeric |  |
| V4961 | Date | Date | Number of people in <br> the Household | discrete | numeric | | How many people ALWAYS live in |
| :--- |
| V4962 |
| Nb_People |


| V4973 | Expenditure_USD | Average household expenditure in cash (USD) | contin | numeric | How much CASH money do you use on average for household expenditures (food, fuel for cooking, school bus, etc.)? |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V4974 | Per_Capita_Fresh_Fish_Amount | Extrapolated yearly consumption in Kg for an adult male in the HH - Fresh fish | contin | numeric | How much do you cook on average per day for your household? Fresh fish |
| V4975 | Per_Capita_Canned_Fish_Amount | Extrapolated yearly consumption in Kg for an adult male in the HH - Canned fish | contin | numeric | How much do you cook on average per day for your household? Canned fish |
| V4976 | Per_Capita_Invert_Amount | Extrapolated yearly consumption in Kg for an adult male in the HH Invertebrate | contin | numeric | How much do you cook on average per day for your household? Other seafood |
| V4977 | Fresh_Fish_Cons_Freq | Frequency Consumption of fresh fish | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? Fresh fish |
| V4978 | Seafood_Cons_Freq | Frequency Consumption of seafood | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? Other seafood |
| V4979 | Canned_Fish_Cons_Freq | Frequency Consumption of canned fish | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? Canned fish |
| V4980 | Nb_Male_Finfish_Fishers | Number of Male in the HH - Fishing finfish (exclusively) | discrete | numeric | How many fishers live in your household? Male finfish fishers |
| V4981 | Nb_Female_Finfish_Fishers | Number of Female in the HH - Fishing finfish (exclusively) | discrete | numeric | How many fishers live in your household? Female finfish fishers |
| V4982 | Nb_Male_Invert_Fishers | Number of Male in the HH - Fishing invertebrate (exclusively) | discrete | numeric | How many fishers live in your household? Male invertebrate fishers |
| V4983 | Nb_Female_Invert_Fishers | Number of Female in the HH - Fishing invertebrate (exclusively) | discrete | numeric | How many fishers live in your household? Female invertebrate fishers |
| V4984 | Nb_Male_Both_Fishers | Number of Male in the HH - Fishing both finfish and invert. | discrete | numeric | How many fishers live in your household? Male both finfish and invetebrate fishers |
| V4985 | Nb_Female_Both_Fishers | Number of Female in the HH - Fishing both finfish and invert. | discrete | numeric | How many fishers live in your household? Female both finfish and invertebrate fishers |
| V4986 | Nb_Male_Fishers | Number of Male in the HH - Fishers | discrete | numeric | How many fishers live in your household? Male fishers |
| V4987 | Nb_Female_Fishers | Number of Female in the HH - Fishers | discrete | numeric | How many fishers live in your household? Female fishers |
| V4988 | Nb_Fishers | Number of fishers in the HH | discrete | numeric | How many fishers live in your household? |


| V4989 | Nb_Canoes | Number of canoes owned by the HH | discrete | numeric | Does this household own a boat? Canoes |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V4990 | Nb_SailBoats | Number of sailboats owned by the HH | discrete | numeric | Does this household own a boat? Sailboats |
| V4991 | Nb_MotorBoats | Number of motorboats owned by the HH | discrete | numeric | Does this household own a boat? Motorboats |
| V4992 | Nb_Boats | Number of boats owned by the HH | discrete | numeric | Does this household own a boat? |
| V4993 | Main_Src_Fish_Caught | Main Source of Fish Caught | discrete | numeric | Where do you normally get your fish and seafood from? Fish Main source - Caught |
| V4994 | Main_Src_Fish_Got_For_Free | Main Source of Fish Given | discrete | numeric | Where do you normally get your fish and seafood from? Fish Main source - Given |
| V4995 | Main_Src_Fish_Bought | Main Source of Fish Bought | discrete | numeric | Where do you normally get your fish and seafood from? Fish Main source - Bought |
| V4996 | Sec_Src_Fish_Caught | 2nd Source - Fish Caught | discrete | numeric | Where do you normally get your fish and seafood from? Fish Second most important source - Caught |
| V4997 | Sec_Src_Fish_Got_For_Free | 2nd Source - Fish Given | discrete | numeric | Where do you normally get your fish and seafood from? Fish Second most important source - Given |
| V4998 | Sec_Src_Fish_Bought | 2nd Source - Fish Bought | discrete | numeric | Where do you normally get your fish and seafood from? Fish Second most important source - Bought |
| V4999 | Third_Src_Fish_Caught | 3rd Source - Fish Caught | discrete | numeric | Where do you normally get your fish and seafood from? Fish Third most important source - Caught |
| V5000 | Third_Src_Fish_Got_For_Free | 3rd Source - Fish Given | discrete | numeric | Where do you normally get your fish and seafood from? Fish Third most important source - Given |
| V5001 | Third_Src_Fish_Bought | 3rd Source - Fish Bought | discrete | numeric | Where do you normally get your fish and seafood from? Fish Third most important source - Bought |
| V5002 | Main_Src_Invert_Caught | Main Source of Invertebrate Caught | discrete | numeric | Where do you normally get your fish and seafood from? Invertebrate Main source - Caught |
| V5003 | Main_Src_Invert_Got_For_Free | Main Source of Invertebrate - Given | discrete | numeric | Where do you normally get your fish and seafood from? Invertebrate Main source - Given |
| V5004 | Main_Invert_Fish_Bought | Main Source of Invertebrate Bought | discrete | numeric | Where do you normally get your fish and seafood from? Invertebrate Main source - Bought |
| V5005 | Sec_Src_Invert_Caught | 2nd Source Invertebrate Caught | discrete | numeric | Where do you normally get your fish and seafood from? Invertebrate Second most important source Caught |
| V5006 | Sec_Src_Invert_Got_For_Free | 2nd Source Invertebrate - Given | discrete | numeric | Where do you normally get your fish and seafood from? Invertebrate Second most important source Given |


| V5007 | Sec_Invert_Fish_Bought | 2nd Source Invertebrate Bought | discrete numeric | Where do you normally get your fish and seafood from? Invertebrate Second most important source Bought |
| :---: | :---: | :---: | :---: | :---: |
| V5008 | Third_Src_Invert_Caught | 3rd Source Invertebrate Caught | discrete numeric | Where do you normally get your fish and seafood from? Invertebrate Third most important source Caught |
| V5009 | Third_Src_Invert_Got_For_Free | 3rd Source Invertebrate - Given | discrete numeric | Where do you normally get your fish and seafood from? Invertebrate Third most important source Given |
| V5010 | Third_Invert_Fish_Bought | 3rd Source Invertebrate Bought | discrete numeric | Where do you normally get your fish and seafood from? Invertebrate Third most important source Bought |
| V5011 | Education_Nb_Primary | Nb people having achieved - Primary | discrete numeric | What is the educational level of your household members? <br> Elementary/Primary education |
| V5012 | Education_Nb_Secondary | Nb people having achieved - <br> Secondary | discrete numeric | What is the educational level of your household members? Secondary education |
| V5013 | Education_Nb_Tertiary | Nb people having achieved - Tertiary | discrete numeric | What is the educational level of your household members? Tertiary education (college, university, special schools, etc.) |
| V5014 | Household_ID | Unique Household ID | discrete numeric |  |

## SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

|  | This file is the "Finfish Fishers" dataset of the 2008 Pacific Regional Oceanic and Coastal Fisheries <br> Development Programme Socio-Economic survey of Tonga. It contains information collected using the |
| :--- | :--- |
| Content | "Fishing (Finfish) and Marketing Survey" form. |
| Cases | 57 |
| Variable(s) | 118 |
| Structure | Type: relational <br> Keys: Household_ID(Household ID), Fisher_ID(Fisher ID), Fishery_Survey_ID(Fishery Survey ID) |
| Version | Version 01: This is the final, clean, labelled and anonymized version of the Master file. |
| Producer | Coastal Fisheries Programme (SPC). |
| Missing Data |  |

## Variables

| ID | NAME | LABEL | TYPE | FORMAT | QUESTION |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V4841 | Site | Site | discrete | numeric |  |
| V4842 | HH_Code | Household code | contin | numeric |  |
| V4843 | Fisher_Gender | Gender of fisher | discrete | numeric |  |
| V4844 | Hab_Coastal | Habitat - Coastal | discrete | numeric | Which areas do you fish? Coastal |
| V4845 | Hab_Lagoon | Habitat - Lagoon | discrete | numeric | Which areas do you fish? Lagoon |
| V4846 | Hab_Outer | Habitat - Outer reef | discrete | numeric | Which areas do you fish? Outer reef |
| V4847 | Hab_Passe | Habitat - Passe | discrete | numeric | Which areas do you fish? Pelagic |
| V4848 | Hab_Mangrove | Habitat - Magrove | discrete | numeric | Which areas do you fish? Mangrove |
| V4849 | Habitat | Habitat combination | discrete | numeric | Which areas do you fish? |
| V4850 | Average_Catch | Average catch per trip (kg) | contin | numeric | What is your average catch $(\mathrm{kg})$ per trip? |
| V4851 | Kept_Catch | Kept catch (kg) | contin | numeric | How much of your usual catch do you keep for family consumption? |
| V4852 | Given_Catch | Given catch (kg) | contin | numeric | and the rest you gift? |
| V4853 | Sold_Catch | Sold catch (kg) | contin | numeric | and/or sell? How much? |
| V4854 | Subsistence | Fish for family consumption | discrete | numeric | Do you use your catch for family consumption? |
| V4855 | Gift | Give fish as a gift | discrete | numeric | Do you give fish as a gift (for no money)? |
| V4856 | Sale | Sell fish | discrete | numeric | Do you sell fish? |
| V4857 | Fishing_Day | Fishing time - Daytime | discrete | numeric | WHEN do you go fishing? Day |
| V4858 | Fishing_Night | Fishing time - Night | discrete | numeric | WHEN do you go fishing? Night |
| V4859 | Fishing_Time | Fishing time | discrete | numeric | WHEN do you go fishing? |
| V4860 | Yearly_Hours | Yearly hours | contin | numeric | What time do you spend fishing this habitat per average trip? |
| V4861 | Fishing_Months | Fishing months | discrete | numeric | Do you go all year? |
| V4862 | Trips_Per_Week | Trips per week | contin | numeric | How often (days/week) do you fish in each of the habitats visited? |
| V4863 | Time_Spent_Fishing | Time spent fishing (in month) | contin | numeric | How often (days/week) do you fish in each of the habitats visited? |


| V4864 | Boat_Use_Always | Boat use - Always | discrete | numeric | Do you use a boat for fishing? Always |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V4865 | Boat_Use_Sometimes | Boat use - Sometimes | discrete | numeric | Do you use a boat for fishing? Sometimes |
| V4866 | Boat_Use_Never | Boat use - Never | discrete | numeric | Do you use a boat for fishing? Never |
| V4867 | Boat_Use | Boat use | discrete | numeric | Do you use a boat for fishing? |
| V4868 | Ice_Use_Always | Preservation method - Ice Always | discrete | numeric | Do you use ice on your fishing trips? Always |
| V4869 | Ice_Use_Sometimes | Preservation method - Ice Sometimes | discrete | numeric | Do you use ice on your fishing trips? Sometimes |
| V4870 | Ice_Use_Never | Preservation method - Ice Never | discrete | numeric | Do you use ice on your fishing trips? Never |
| V4871 | Ice_Use | Preservation method - Ice | discrete | numeric | Do you use ice on your fishing trips? |
| V4872 | Tech_Handline | Fishing technique Handlining | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Handline |
| V4873 | Tech_Castnet | Fishing technique Castnetting | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Castnet |
| V4874 | Tech_SpearDive | Fishing technique Speardiving | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Spear (dive) |
| V4875 | Tech_DeepBottomLine | Fishing technique - Deep bottom handlining | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Deep bottom line |
| V4876 | Tech_Gillnet | Fishing technique Gillnetting | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Gillnet |
| V4877 | Tech_SpearWalkCanoe | Fishing technique - Spear while walking/canoeing | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Spear walking/canoe (handheld) |
| V4878 | Tech_Other | Fishing technique - Other | discrete | numeric | Which fishing techniques do you use (in the habitat referred to here)? Other |
| V4879 | Total_Catch_Per_Year | Total catch per year (kg) | contin | numeric | What is your average catch $(\mathrm{kg})$ per trip? |
| V4880 | Sz_Acanthuridae | Size (cm) - Acanthuridae | discrete | character | In an average catch what fish do you catch, and how much of each species? size |
| V4881 | Sz_Albulidae | Size (cm) - Albulidae | discrete | character | In an average catch what fish do you catch, and how much of each species? size |
| V4882 | Sz_Balistidae | Size (cm) - Balistidae | discrete | character | In an average catch what fish do you catch, and how much of each species? size |
| V4883 | Sz_Belonidae | Size (cm) - Belonidae | discrete | character | In an average catch what fish do you catch, and how much of each species? size |
| V4884 | Sz_Caesionidae | Size (cm) - Caesionidae | discrete | character | In an average catch what fish do you catch, and how much of each species? size |
| V4885 | Sz_Carangidae | Size (cm) - Carangidae | discrete | character | In an average catch what fish do you catch, and how much of each species? size |


| V4886 | Sz_Chanidae | Size (cm) - Chanidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| :---: | :---: | :---: | :---: | :---: |
| V4887 | Sz_Cirrhitidae | Size (cm) - Cirrhitidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4888 | Sz_Gerreidae | Size (cm) - Gerreidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4889 | Sz_Hemiramphidae | Size (cm) - Hemiramphidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4890 | Sz_Holocentridae | Size (cm) - Holocentridae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4891 | Sz_Kyphosidae | Size (cm) - Kyphosidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4892 | Sz_Labridae | Size (cm) - Labridae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4893 | Sz_Lethrinidae | Size (cm) - Lethrinidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4894 | Sz_Lutjanidae | Size (cm) - Lutjanidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4895 | Sz_Mugilidae | Size (cm) - Mugilidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4896 | Sz_Mullidae | Size (cm) - Mullidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4897 | Sz_Other | Size (cm) - Other | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4898 | Sz_Platycephalidae | Size (cm) - Platycephalidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4899 | Sz_Priacanthidae | Size (cm) - Priacanthidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4900 | Sz_Scaridae | Size (cm) - Scaridae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4901 | Sz_Serranidae | Size (cm) - Serranidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4902 | Sz_Siganidae | Size (cm) - Siganidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |
| V4903 | Sz_Sphyraenidae | Size (cm) - Sphyraenidae | discrete character | In an average catch what fish do you catch, and how much of each species? size |

$\left.\begin{array}{|lllll}\text { V4904 } & \text { Sz_Average } & \text { Size (cm) - Average } & \text { contin } & \text { numeric }\end{array} \begin{array}{l}\text { In an average catch what fish do you } \\ \text { catch, and how much of each species? } \\ \text { size }\end{array}\right\}$

| V4922 | Pct_Mullidae | Weight percentage Mullidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V4923 | Pct_Other | Weight percentage - Other | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4924 | Pct_Platycephalidae | Weight percentage Platycephalidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4925 | Pct_Priacanthidae | Weight percentage Priacanthidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4926 | Pct_Scaridae | Weight percentage Scaridae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4927 | Pct_Serranidae | Weight percentage Serranidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4928 | Pct_Siganidae | Weight percentage Siganidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4929 | Pct_Sphyraenidae | Weight percentage Sphyraenidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? Percentage of the total catch weight |
| V4930 | Wt_Acanthuridae | Extrapolated yearly weight (kg) caught by the fisher Acanthuridae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4931 | Wt_Albulidae | Extrapolated yearly weight (kg) caught by the fisher Albulidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4932 | Wt_Balistidae | Extrapolated yearly weight (kg) caught by the fisher Balistidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4933 | Wt_Belonidae | Extrapolated yearly weight (kg) caught by the fisher Belonidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4934 | Wt_Caesionidae | Extrapolated yearly weight (kg) caught by the fisher Caesionidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4935 | Wt_Carangidae | Extrapolated yearly weight (kg) caught by the fisher Carangidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4936 | Wt_Chanidae | Extrapolated yearly weight (kg) caught by the fisher Chanidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4937 | Wt_Cirrhitidae | Extrapolated yearly weight (kg) caught by the fisher Cirrhitidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4938 | Wt_Exocoetidae | Extrapolated yearly weight (kg) caught by the fisher Exocoetidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4939 | Wt_Gerreidae | Extrapolated yearly weight (kg) caught by the fisher Gerreidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |


| V4940 | Wt_Hemiramphidae | Extrapolated yearly weight (kg) caught by the fisher Hemiramphidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V4941 | Wt_Holocentridae | Extrapolated yearly weight (kg) caught by the fisher Holocentridae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4942 | Wt_Kyphosidae | Extrapolated yearly weight (kg) caught by the fisher Kyphosidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4943 | Wt_Labridae | Extrapolated yearly weight (kg) caught by the fisher Labridae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4944 | Wt_Lethrinidae | Extrapolated yearly weight (kg) caught by the fisher Lethrinidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4945 | Wt_Lutjanidae | Extrapolated yearly weight (kg) caught by the fisher Lutjanidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4946 | Wt_Mugilidae | Extrapolated yearly weight (kg) caught by the fisher Mugilidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4947 | Wt_Mullidae | Extrapolated yearly weight (kg) caught by the fisher Mullidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4948 | Wt_Other | Extrapolated yearly weight (kg) caught by the fisher Other | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4949 | Wt_Platycephalidae | Extrapolated yearly weight (kg) caught by the fisher Platycephalidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4950 | Wt_Priacanthidae | Extrapolated yearly weight (kg) caught by the fisher Priacanthidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4951 | Wt_Scaridae | Extrapolated yearly weight (kg) caught by the fisher Scaridae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4952 | Wt_Serranidae | Extrapolated yearly weight (kg) caught by the fisher Serranidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4953 | Wt_Siganidae | Extrapolated yearly weight (kg) caught by the fisher Siganidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4954 | Wt_Sphyraenidae | Extrapolated yearly weight (kg) caught by the fisher Sphyraenidae | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4955 | Wt_All | Extrapolated yearly weight $(\mathrm{kg})$ caught by the fisher All | contin | numeric | In an average catch what fish do you catch, and how much of each species? kg |
| V4956 | Household_ID | Household ID | discrete | numeric |  |
| V4957 | Fisher_ID | Fisher ID | discrete | numeric |  |
| V4958 | Fishery_Survey_ID | Fishery Survey ID | discrete | numeric |  |

## SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

|  | This file is the "Invertebrate Fishers" dataset of the 2008 Pacific Regional Oceanic and Coastal Fisheries |
| :--- | :--- |
| Content | (Invertebrate Fishing and Marketing Survey" form. <br> Development Programme Socio-Economic surey of Tonga. It contains information collected using the |
| Cases | 66 |
| Variable(s) | 79 |
| Structure | Type: relational <br> Keys: InvFishery_Survey_ID(Invertebrate Fishery - Survey ID), InvFisher_ID(Invertebrate fisher ID), <br> Household_ID(Household ID) |
| Version | Version 01: This is the final, clean, labelled and anonymized version of the Master file. |
| Producer | Coastal Fisheries Programme (SPC). |
| Missing Data |  |

## Variables

\(\left.\begin{array}{|llllll|}\hline ID \& NAME \& LABEL \& TYPE \& FORMAT \& QUESTION <br>
\hline V5015 \& Site \& Site \& discrete \& numeric \& <br>
V5016 \& HH_Code \& Household Code \& contin \& numeric \& <br>
V5017 \& Fisher_Gender \& Gender of fisher \& discrete \& numeric \& Gender <br>
V5018 \& Hab_Seagrass \& Habitat Gleaning - Seagrass \& discrete \& numeric \& Which type of fisheries do you <br>

do? Seagrass\end{array}\right]\)|  | Habitat Gleaning - Mangrove | discrete | numeric |
| :--- | :--- | :--- | :--- | | Which type of fisheries do you |
| :--- |
| do? Mangrove |

$\left.\begin{array}{|llllll}\text { V5031 } & \text { Fishing_Months } & \text { Fishing months } & \text { discrete } & \text { numeric } & \begin{array}{l}\text { How often do you go } \\ \text { gleaning/diving (tick as from }\end{array} \\ & & & & \begin{array}{l}\text { questions 1 and 2 above and } \\ \text { watch for combinations) and for } \\ \text { how long, and do you also finfish }\end{array} \\ & & & & & \\ \text { at the same time? Fish no. of } \\ \text { months/year }\end{array}\right]$

| V5057 | Obj_Octopus_Gift | Targeting Octopus - Gift | discrete | numeric | Species Gift |
| :--- | :--- | :--- | :--- | :--- | :--- |
| V5058 | Obj_Octopus_Sale | Targeting Octopus - Sale | discrete | numeric | Species Sale |
| V5059 | Obj_Octopus_Sub | Targeting Octopus - Subsistence | discrete | numeric | Species Cons. |
| V5060 | Obj_Others_Gift | Targeting Others - Gift | discrete | numeric | Species Gift |
| V5061 | Obj_Others_Sale | Targeting Others - Sale | discrete | numeric | Species Sale |
| V5062 | Obj_Others_Sub | Targeting Others - Subsistence | discrete | numeric | Species Cons. |
| V5063 | Obj_Sea_urchins_Gift | Targeting Sea urchins - Gift | discrete | numeric | Species Gift |
| V5064 | Obj_Sea_urchins_Sale | Targeting Sea urchins - Sale | discrete | numeric | Species Sale |
| V5065 | Obj_Sea_urchins_Sub | Targeting Sea urchins - | discrete | numeric | Species Cons. |
| V5066 | Obj_Trochus_Gift | Tabsistence | Targeting Trochus - Gift | discrete | numeric | | Species Gift |
| :--- |


| V5086 | Per_Year_Lobster | Extrapolated quantity per year in Kg Lobster | contin | numeric |
| :---: | :---: | :---: | :---: | :---: |
| V5087 | Per_Year_Octopus | Extrapolated quantity per year in Kg Octopus | contin | numeric |
| V5088 | Per_Year_Others | Extrapolated quantity per year in Kg Others | contin | numeric |
| V5089 | Per_Year_Sea_urchins | Extrapolated quantity per year in Kg Sea urchins | contin | numeric |
| V5090 | Per_Year_Trochus | Extrapolated quantity per year in Kg Trochus | contin | numeric |
| V5091 | InvFishery_Survey_ID | Invertebrate Fishery - Survey ID | discrete | numeric |
| V5092 | InvFisher_ID | Invertebrate fisher ID | discrete | numeric |
| V5093 | Household_ID | Household ID | discrete | numeric |

## SPC_TON_2008_SEprocfish_Sites_v01_PUF

|  | This file is the "Sites" dataset of the 2008 Pacific Regional Oceanic and Coastal Fisheries Development |
| :--- | :--- |
| Content | Programme Socio-Economic survey of Tonga. It contains information collected throughout all the <br> questionnaire forms concerning the different sites that were surveyed in Tonga (Ha'atafu and Manuka <br> on Tongatapu, and Koulo and Lofanga on Ha'apai). |
| Cases | 4 |
| Variable(s) | 93 |
| Structure | Type: <br> Keys: () |
| Version | Version 01: This is the final, clean, labelled and anonymized version of the Master file. <br> Producer |
| Coastal Fisheries Programme (SPC). |  |

## Variables

| ID | NAME | LABEL | TYPE | FORMAT QUESTION |
| :---: | :---: | :---: | :---: | :---: |
| V5094 | Site | Site | discrete | numeric |
| V5095 | Low_Island | Low island | discrete | numeric |
| V5096 | High_Island | High island | discrete | numeric |
| V5097 | Latitude | Latitude | contin | numeric |
| V5098 | Longitude | Longitude | contin | numeric |
| V5099 | Distance_To_CoB | Distance to Center of Biodiversity (km) | contin | numeric |
| V5100 | Island_Area | Island area (km2) | contin | numeric |
| V5101 | Isolation_Index | Isolation index | discrete | numeric |
| V5102 | Distance_To_Capital | Distance to capital (km) | contin | numeric |
| V5103 | Market_By_Boat | Market by boat | discrete | numeric |
| V5104 | Market_By_Road | Market by road | discrete | numeric |
| V5105 | Market_By_Air | Market by air | discrete | numeric |
| V5106 | Nearest_Market | Nearest market | discrete | numeric |
| V5107 | Distance_To_Market | Distance to market | contin | numeric |
| V5108 | Fishing_Ground_Area | Fishing ground area (km2) | contin | numeric |
| V5109 | Reef_Area | Reef area (km2) | contin | numeric |
| V5110 | Coastal_Reef_Area | Coastal reef area (km2) | contin | numeric |
| V5111 | Lagoon_Area | Lagoon area (km2) | contin | numeric |
| V5112 | Outer_Reef_Area | Outer reef area (km2) | contin | numeric |
| V5113 | Total_Population | Total population | contin | numeric |
| V5114 | Total_Number_Households | Total number of households | contin | numeric |
| V5115 | Household_Surveyed | Household surveyed | contin | numeric |
| V5116 | Avg_Household_Size | Average Household size | contin | numeric |


| V5117 | PC_Cons_Fresh_Fish | Per capita consumption - Fresh fish | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V5118 | PC_Cons_Invertebrates | Per capita consumption Invertebrates | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? |
| V5119 | PC_Cons_Canned_Fish | Per capita consumption Canned fish | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? |
| V5120 | PC_Cons_Fish_And_Inverts | Per capita consumption - Fish and Invertebrates | contin | numeric | During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? |
| V5121 | Pct_HH_Remittance | Pourcentage of Household remittance | contin | numeric | How much? (enter amount) Every time? |
| V5122 | Avg_Remittance_USD | Average remittance in USD | contin | numeric | How much? (enter amount) Every time? |
| V5123 | Pct_1st_Income_Fishing | Percentage 1st income Fishing | contin | numeric | Where does the CASH money in this household come from? |
| V5124 | Pct_1st_Income_Salary | Percentage 1st income - Salary | contin | numeric | Where does the CASH money in this household come from? |
| V5125 | Pct_2nd_Income_Fishing | Percentage 2nd income Fishing | contin | numeric | Where does the CASH money in this household come from? |
| V5126 | Pct_2nd_Income_Salary | Percentage 2nd income - Salary | contin | numeric | Where does the CASH money in this household come from? |
| V5127 | Avg_Expenditure_USD | Average expenditure in USD | contin | numeric | How much CASH money do you use on average for household expenditures (food, fuel for cooking, school bus, etc.)? |
| V5128 | Pct_Education_Primary | Percentage education - Primary | contin | numeric | What is the educational level of your household members? |
| V5129 | Pct_Education_Secondary | Percentage education Secondary | contin | numeric | What is the educational level of your household members? |
| V5130 | Pct_Education_Tertiary | Percentage education - Tertiary | contin | numeric | What is the educational level of your household members? |

$\left.\begin{array}{|lllll}\text { V5131 } & \text { Extrapol_Nb_Fishers } & \text { Extrapolated number - Fishers } & \text { contin } & \begin{array}{l}\text { numeric }\end{array} \\ \text { V5132 } & \text { Extrapol_Nb_FinFishers many fishers live } \\ \text { in your household? }\end{array}\right\}$

| V5154 | FF_Tech_Handline | Finfish fishers - Technique Handline | contin | numeric |
| :---: | :---: | :---: | :---: | :---: |
| V5155 | FF_Tech_Castnet | Finfish fishers - Technique Castnet | contin | numeric |
| V5156 | FF_Tech_SpearDive | Finfish fishers - Technique Speardive | contin | numeric |
| V5157 | FF_Tech_SpearWalkCanoe | Finfish fishers - Technique Spear walk canoe | contin | numeric |
| V5158 | FF_Tech_DeepBottomLine | Finfish fishers - Technique Deep bottom line | discrete | numeric |
| V5159 | FF_Tech_Gillnet | Finfish fishers - Technique Gillnet | contin | numeric |
| V5160 | FF_Tech_Other | Finfish fishers - Technique Other | contin | numeric |
| V5161 | FF_Catch_Per_Hour | Finfish fishers - Catch per hour | contin | numeric |
| V5162 | Wt_Acanthuridae | Extrapolated yearly weight (kg) caught by the community Acanthuridae | contin | numeric |
| V5163 | Wt_Albulidae | Extrapolated yearly weight (kg) caught by the community Albulidae | contin | numeric |
| V5164 | Wt_Balistidae | Extrapolated yearly weight (kg) caught by the community Balistidae | contin | numeric |
| V5165 | Wt_Belonidae | Extrapolated yearly weight (kg) caught by the community Belonidae | contin | numeric |
| V5166 | Wt_Caesionidae | Extrapolated yearly weight (kg) caught by the community Caesionidae | contin | numeric |
| V5167 | Wt_Carangidae | Extrapolated yearly weight (kg) caught by the community Carangidae | contin | numeric |
| V5168 | Wt_Chanidae | Extrapolated yearly weight (kg) caught by the community Chanidae | contin | numeric |
| V5169 | Wt_Cirrhitidae | Extrapolated yearly weight (kg) caught by the community Cirrhitidae | contin | numeric |
| V5170 | Wt_Exocoetidae | Extrapolated yearly weight (kg) caught by the community Exocoetidae | contin | numeric |
| V5171 | Wt_Gerreidae | Extrapolated yearly weight (kg) caught by the community Gerreidae | contin | numeric |
| V5172 | Wt_Hemiramphidae | Extrapolated yearly weight (kg) caught by the community Hemiramphidae | contin | numeric |
| V5173 | Wt_Holocentridae | Extrapolated yearly weight (kg) caught by the community Holocentridae | contin | numeric |
| V5174 | Wt_Kyphosidae | Extrapolated yearly weight (kg) caught by the community Kyphosidae | contin | numeric |


| V5175 | Wt_Labridae | Extrapolated yearly weight (kg) caught by the community Labridae | contin | numeric |
| :---: | :---: | :---: | :---: | :---: |
| V5176 | Wt_Lethrinidae | Extrapolated yearly weight (kg) caught by the community Lethrinidae | contin | numeric |
| V5177 | Wt_Lutjanidae | Extrapolated yearly weight (kg) caught by the community Lutjanidae | contin | numeric |
| V5178 | Wt_Mugilidae | Extrapolated yearly weight (kg) caught by the community Mugilidae | contin | numeric |
| V5179 | Wt_Mullidae | Extrapolated yearly weight (kg) caught by the community Mullidae | contin | numeric |
| V5180 | Wt_Other | Extrapolated yearly weight (kg) caught by the community Other | contin | numeric |
| V5181 | Wt_Platycephalidae | Extrapolated yearly weight (kg) caught by the community Platycephalidae | contin | numeric |
| V5182 | Wt_Priacanthidae | Extrapolated yearly weight (kg) caught by the community Priacanthidae | contin | numeric |
| V5183 | Wt_Scaridae | Extrapolated yearly weight (kg) caught by the community Scaridae | contin | numeric |
| V5184 | Wt_Serranidae | Extrapolated yearly weight (kg) caught by the community Serranidae | contin | numeric |
| V5185 | Wt_Siganidae | Extrapolated yearly weight (kg) caught by the community Siganidae | contin | numeric |
| V5186 | Wt_Sphyraenidae | Extrapolated yearly weight (kg) caught by the community Sphyraenidae | contin | numeric |

Site (Site)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

```
Valid cases: 87
```

Invalid: 0
Minimum: 1
Maximum: 4

## Household Code (HH_Code)

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous
Valid cases: 87
Format: numeric
Invalid: 0
Width: 2
Decimals: 0
Range: 1-33

Date (Date)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Valid cases: 87
Format: character
Width: 10

Number of people in the Household (Nb_People)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Valid cases: 87
Format: numeric
Invalid: 0
Width: 2
Decimals: 0
Minimum: 1
Maximum: 19
Mean: 6.2
Range: 1-15

## Literal question

How many people ALWAYS live in your household?

1st Income in cash - Fishing (Main_Income_Fishing)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where does the CASH money in this household come from?
Most money
Fishing

## Interviewer instructions

(rank options, $1=$ most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

## 1st Income in cash - Agriculture (Main_Income_Agriculture) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where does the CASH money in this household come from?
Most money
Agriculture

## Interviewer instructions

(rank options, 1 = most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

## 1st Income in cash - Salary (Main_Income_Salary)

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where does the CASH money in this household come from?
Most money
Salary

## Interviewer instructions

(rank options, 1 = most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

# 1st Income in cash - Other (Main_Income_Other) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where does the CASH money in this household come from?
Most money
Other

## Interviewer instructions

(rank options, $1=$ most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

# 2nd Income in cash - Fishing (Sec_Income_Fishing) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where does the CASH money in this household come from?
Second important income source
Fishing

## Interviewer instructions

(rank options, 1 = most money, 2 = second important income source, $3=3$ rd important income source, 4 = 4th important income source)

# 2nd Income in cash - Agriculture (Sec_Income_Agriculture) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Valid cases: 87
Width: 1
Invalid: 0
Decimals: 0
Range: 0-1
Minimum: 0
Maximum: 1

## Literal question

Where does the CASH money in this household come from?
Second important income source
Agriculture

## Interviewer instructions

(rank options, $1=$ most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

2nd Income in cash - Salary (Sec_Income_Salary)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
Literal question
Where does the CASH money in this household come from?
Second important income source
Salary

## Interviewer instructions

(rank options, $1=$ most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

2nd Income in cash - Other (Sec_Income_Other)
File: SPC_TON_2008_SEprocfish_Househōlds_v01_PUF

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where does the CASH money in this household come from?
Second important income source
Other

## Interviewer instructions

(rank options, 1 = most money, $2=$ second important income source, $3=3$ rd important income source, $4=4$ th important income source)

## Household gets remittance (Gets_Remittance)

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Do you get remittances?

```
Valid cases: 87
```

Invalid: 0
Minimum: 0
Maximum: 1

## Amount (USD) of remittance (Remittance USD)

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous
Valid cases: 87
Format: numeric
Invalid: 0
Width: 6
Decimals: 0
Range: 0-9727.2
Minimum: 0
Maximum: 6643.2
Mean: 965

## Literal question

How much? (enter amount) Every time?

Average household expenditure in cash (USD) (Expenditure_USD) File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous
Valid cases: 87
Format: numeric
Invalid: 0
Width: 13
Minimum: 0
Decimals: 0
Maximum: 53291.3
Range: 0-51878.4
Mean: 3124

## Literal question

How much CASH money do you use on average for household expenditures (food, fuel for cooking, school bus, etc.)?

Extrapolated yearly consumption in Kg for an adult male in the HH Fresh fish (Per_Capita_Fresh_Fish_Amount)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-200.704328999535

Valid cases: 87
Invalid: 0
Minimum: 5.1
Maximum: 332.8
Mean: 68.6

## Literal question

How much do you cook on average per day for your household?
Fresh fish

Extrapolated yearly consumption in Kg for an adult male in the HH Canned fish (Per_Capita_Canned_Fish_Amount)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous Valid cases: 87
Format: numeric Invalid: 0
Width: 16
Decimals: 0
Range: 0-33.24109875
Minimum: 0
Maximum: 60.4

## Literal question

How much do you cook on average per day for your household?
Canned fish

Extrapolated yearly consumption in Kg for an adult male in the HH Invertebrate (Per_Capita_Invert_Amount)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-60.6028298105041

Invalid: 0
Minimum: 0
Maximum: 155.6
Mean: 10.7

## Literal question

How much do you cook on average per day for your household?
Other seafood

## Frequency - Consumption of fresh fish (Fresh_Fish_Cons_Freq)

File: SPC_TON_2008_SEprocfish_Households_V01_PUF

## Overview

Type: Continuous
Valid cases: 87
Format: numeric
Invalid: 0
Minimum: 1
Width: 1
Maximum: 7
Mean: 3.4
Range: 0-7

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? Fresh fish

# Frequency - Consumption of seafood (Seafood_Cons_Freq) 

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

| Type: Continuous | Valid cases: 87 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 4 |
| Range: $0-5$ | Mean: 1.1 |

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? Other seafood

Frequency - Consumption of canned fish (Canned_Fish_Cons_Freq)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Continuous
Valid cases: 87
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 7
Range: 0-6
Mean: 2

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family? Canned fish

Number of Male in the HH - Fishing finfish (exclusively)
(Nb_Male_Finfish_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 0-6

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 11
Mean: 0.6

## Literal question

How many fishers live in your household?
Male finfish fishers

Number of Female in the HH - Fishing finfish (exclusively)
(Nb_Female_Finfish_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

How many fishers live in your household?
Female finfish fishers

Number of Male in the HH - Fishing invertebrate (exclusively)
(Nb_Male_Invert_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 87
Width: 1
Decimals: 0
Invalid: 0
Minimum: 0
Range: 0-1
Maximum: 1
Mean: 0

## Literal question

How many fishers live in your household?
Male invertebrate fishers

Number of Female in the HH - Fishing invertebrate (exclusively)
(Nb_Female_Invert_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-3

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 2
Mean: 0.5

## Literal question

How many fishers live in your household?
Female invertebrate fishers

Number of Male in the HH - Fishing both finfish and invert.
(Nb_Male_Both_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 4
Mean: 0.3

## Literal question

How many fishers live in your household?
Male both finfish and invetebrate fishers

Number of Female in the HH - Fishing both finfish and invert. (Nb_Female_Both_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

How many fishers live in your household?
Female both finfish and invertebrate fishers

Number of Male in the HH - Fishers (Nb_Male_Fishers) File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 0-6

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 11
Mean: 1

## Literal question

How many fishers live in your household?
Male fishers

Number of Female in the HH - Fishers (Nb_Female_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Valid cases: 87
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 2
Range: 0-3
Mean: 0.5

## Literal question

How many fishers live in your household?
Female fishers

Number of fishers in the HH (Nb_Fishers)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 0-6

```
Valid cases: 87
```

Invalid: 0
Minimum: 0
Maximum: 12
Mean: 1.5

## Literal question

How many fishers live in your household?

Number of canoes owned by the HH (Nb_Canoes)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1
Mean: 0

## Literal question

Does this household own a boat?
Canoes

Number of sailboats owned by the HH (Nb_SailBoats)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

Does this household own a boat?
Sailboats

Number of motorboats owned by the HH (Nb_MotorBoats)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Valid cases: 87
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Mean: 0.2

## Literal question

Does this household own a boat?
Motorboats

Number of boats owned by the HH (Nb_Boats)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 2
Mean: 0.3

## Literal question

Does this household own a boat?

## Main Source of Fish - Caught (Main_Src_Fish_Caught)

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Main source - Caught

# Main Source of Fish - Given (Main_Src_Fish_Got_For_Free) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Main source - Given

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

Main Source of Fish - Bought (Main_Src_Fish_Bought)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 87
Width: 1
Invalid: 0
Decimals: 0
Minimum: 0

Range: 0-1
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Main source - Bought

# 2nd Source - Fish - Caught (Sec_Src_Fish_Caught) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

```
Valid cases: 87
```

Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Second most important source - Caught

## 2nd Source - Fish - Given (Sec_Src_Fish_Got_For_Free) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 87
Width: 1
Invalid: 0
Minimum: 0
Decimals: 0
Range: 0-1
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Second most important source - Given

# 2nd Source - Fish - Bought (Sec_Src_Fish_Bought) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Second most important source - Bought

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

3rd Source - Fish - Caught (Third_Src_Fish_Caught)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Third most important source - Caught

## 3rd Source - Fish - Given (Third_Src_Fish_Got_For_Free) <br> File: SPC_TON_2008_SEprocfish_Househōlds_V01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

```
Valid cases: 87
```

Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Third most important source - Given

# 3rd Source - Fish - Bought (Third_Src_Fish_Bought) 

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

```
Valid cases: 87
```

Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Fish
Third most important source - Bought

# Main Source of Invertebrate - Caught (Main_Src_Invert_Caught) <br> File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Main source - Caught

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

# Main Source of Invertebrate - Given (Main_Src_Invert_Got_For_Free) File: SPC_TON_2008_SEprocfish_Households_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from? Invertebrate
Main source - Given

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

Main Source of Invertebrate - Bought (Main_Invert_Fish_Bought)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Main source - Bought

## 2nd Source - Invertebrate - Caught (Sec_Src_Invert_Caught)

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Second most important source - Caught

# 2nd Source - Invertebrate - Given (Sec_Src_Invert_Got_For_Free) 

File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Second most important source - Given

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

2nd Source - Invertebrate - Bought (Sec_Invert_Fish_Bought)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from? Invertebrate
Second most important source - Bought

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

## 3rd Source - Invertebrate - Caught (Third_Src_Invert_Caught) <br> File: SPC_TON_2008_SEprocfish_Households_V01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Third most important source - Caught

# 3rd Source - Invertebrate - Given (Third_Src_Invert_Got_For_Free) 

## File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Third most important source - Given

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 0

3rd Source - Invertebrate - Bought (Third_Invert_Fish_Bought)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Where do you normally get your fish and seafood from?
Invertebrate
Third most important source - Bought

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 1

Nb people having achieved - Primary (Education_Nb_Primary)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-7

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 8
Mean: 0.5

## Literal question

What is the educational level of your household members?
Elementary/Primary education

Nb people having achieved - Secondary (Education_Nb_Secondary)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

## Type: Discrete

Format: numeric
Width: 1
Decimals: 0
Range: 0-5

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 9
Mean: 3.1

## Literal question

What is the educational level of your household members?
Secondary education

Nb people having achieved - Tertiary (Education_Nb_Tertiary)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-4

Valid cases: 87
Invalid: 0
Minimum: 0
Maximum: 2
Mean: 0.1

## Literal question

What is the educational level of your household members?
Tertiary education (college, university, special schools, etc.)

Unique Household ID (Household_ID)
File: SPC_TON_2008_SEprocfish_Households_v01_PUF

## Overview

Type: Discrete
Valid cases: 87
Format: numeric Invalid: 0
Width: 3
Decimals: 0
Range: 1-188

Site (Site)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Invalid: 0
Minimum: 1
Maximum: 4

## Household code (HH_Code) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 2
Decimals: 0
Range: 1-33

## Gender of fisher (Fisher_Gender)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 1
Decimals: 0
Maximum: 1
Range: 1-2

Habitat - Coastal (Hab_Coastal)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Which areas do you fish?
Coastal

Habitat - Lagoon (Hab_Lagoon)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

```
Valid cases: 57
```

Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Which areas do you fish?
Lagoon

Habitat - Outer reef (Hab_Outer)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Range: 0-1
Maximum: 1

## Literal question

Which areas do you fish?
Outer reef

Habitat - Passe (Hab_Passe)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Which areas do you fish?
Pelagic

Habitat - Magrove (Hab_Mangrove)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Which areas do you fish?
Mangrove

```
Valid cases: 57
```

Invalid: 0
Minimum: 0
Maximum: 0

Habitat combination (Habitat)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 57
Width: 1
Invalid: 0
Minimum: 1
Decimals: 0
Maximum: 5
Range: 1-7

## Literal question

Which areas do you fish?

Average catch per trip (kg) (Average_Catch)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0.136219036405401-34.9981585223516

Valid cases: 57
Invalid: 0
Minimum: 1.2
Maximum: 42.1
Mean: 13.9

## Literal question

What is your average catch $(\mathrm{kg})$ per trip?

Kept catch (kg) (Kept_Catch)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-13.5340096881789

```
Valid cases: 57
```

Invalid: 0
Minimum: 0.4
Maximum: 5.1
Mean: 2.5

## Literal question

How much of your usual catch do you keep for family consumption?

Given catch (kg) (Given_Catch)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-30.4980738485084

## Literal question

and the rest you gift?

Sold catch (kg) (Sold_Catch)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-30.3317373860381

```
Valid cases: 57
```

Invalid: 0
Minimum: 0
Maximum: 10
Mean: 1.6

## Literal question

and/or sell? How much?

Fish for family consumption (Subsistence)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Do you use your catch for family consumption?

Give fish as a gift (Gift)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Valid cases: 57

Decimals: 0
Invalid: 0
Minimum: 0
Range: 0-1

## Literal question

Do you give fish as a gift (for no money)?

Sell fish (Sale)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 57
Width: 1
Invalid: 0
Decimals: 0
Range: 0-1

## Literal question

Do you sell fish?

Fishing time - Daytime (Fishing_Day)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric

```
Valid cases: 57
```

Width: 1
Invalid: 0
Decimals: 0
Range: 0-1

## Literal question

WHEN do you go fishing?
Day

Fishing time - Night (Fishing_Night)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Discrete | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 1 |

Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

WHEN do you go fishing?
Night

Fishing time (Fishing_Time)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 1
Decimals: 0
Maximum: 3
Range: 1-3

## Literal question

WHEN do you go fishing?

Yearly hours (Yearly_Hours)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

```
Type: Continuous Valid cases: 57
Format: numeric Invalid: 0
Width: }1
Decimals: 0
Range: 19.989024-1302.857099412
```

Invalid: 0
Minimum: 40
Maximum: 1172.6
Mean: 463.6

## Literal question

What time do you spend fishing this habitat per average trip?

Fishing months (Fishing_Months)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 2-12

Valid cases: 57
Invalid: 0
Minimum: 5
Maximum: 12
Mean: 11.8

## Literal question

Do you go all year?

## Trips per week (Trips_Per_Week)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 17 | Minimum: 0.2 |
| Decimals: 0 | Maximum: 4 |
| Range: $0.076712265715946-6$ | Mean: 2.2 |

## Literal question

How often (days/week) do you fish in each of the habitats visited?

Time spent fishing (in month) (Time_Spent_Fishing)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 2
Minimum: 2
Decimals: 0
Maximum: 12
Range: 1-12
Mean: 5.4

## Literal question

How often (days/week) do you fish in each of the habitats visited?

Boat use - Always (Boat_Use_Always)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

```
Valid cases: 57
```

Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Do you use a boat for fishing?
Always

Boat use - Sometimes (Boat Use_Sometimes) File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Do you use a boat for fishing?
Sometimes

Boat use - Never (Boat_Use_Never)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Do you use a boat for fishing?
Never

Boat use (Boat_Use)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 1
Decimals: 0
Maximum: 3
Range: 1-3

## Literal question

Do you use a boat for fishing?

Preservation method - Ice - Always (Ice_Use_Always)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Do you use ice on your fishing trips?
Always

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1

Preservation method - Ice - Sometimes (Ice_Use_Sometimes)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 57
Width: 1
Invalid: 0
Decimals: 0
Range: 0-1

## Literal question

Do you use ice on your fishing trips?
Sometimes

Preservation method - Ice - Never (Ice_Use_Never)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF
Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Do you use ice on your fishing trips?
Never

Preservation method - Ice (Ice_Use)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 1
Decimals: 0
Maximum: 3
Range: 1-3

## Literal question

Do you use ice on your fishing trips?

Fishing technique - Handlining (Tech_Handline)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1
Minimum: 0
Maximum: 1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Handline

Fishing technique - Castnetting (Tech_Castnet)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 57
Width: 1
Invalid: 0
Decimals: 0
Range: 0-1

Minimum: 0
Maximum: 1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Castnet

Fishing technique - Speardiving (Tech_SpearDive)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF
Overview

| Type: Discrete | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 1 |

Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Spear (dive)

Fishing technique - Deep bottom handlining (Tech_DeepBottomLine)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Range: 0-1
Maximum: 1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Deep bottom line

Fishing technique - Gillnetting (Tech_Gillnet)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Gillnet

## Fishing technique - Spear while walking/canoeing (Tech_SpearWalkCanoe) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 57

Width: 1
Invalid: 0
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Spear walking/canoe (handheld)

Fishing technique - Other (Tech_Other)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Which fishing techniques do you use (in the habitat referred to here)?
Other

# Total catch per year (kg) (Total_Catch_Per_Year) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous Valid cases: 57
Format: numeric Invalid: 0
Width: 16
Minimum: 68.5
Decimals: 0
Maximum: 2911.6
Range: 1.55243743984703-1751.24878960276
Mean: 1191

## Literal question

What is your average catch (kg) per trip?

# Size (cm) - Acanthuridae (Sz_Acanthuridae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Discrete
Valid cases: 57
Format: character Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Albulidae (Sz_Albulidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete

Valid cases: 57
Invalid: 0

Format: character
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species?
size

Size (cm) - Balistidae (Sz_Balistidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: character
Width: 4

Valid cases: 57
Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

# Size (cm) - Belonidae (Sz_Belonidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Caesionidae (Sz_Caesionidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete

Valid cases: 57
Invalid: 0

Format: character
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species? size

# Size (cm) - Carangidae (Sz_Carangidae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character Width: 16

Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Chanidae (Sz_Chanidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species?
size

Size (cm) - Cirrhitidae (Sz_Cirrhitidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species? size

# Size (cm) - Gerreidae (Sz_Gerreidae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0

## Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species? size

# Size (cm) - Hemiramphidae (Sz_Hemiramphidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0 Width: 4

Literal question
In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Holocentridae (Sz_Holocentridae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: character
Width: 16

Valid cases: 57
Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Kyphosidae (Sz_Kyphosidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Width: 4
Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Labridae (Sz_Labridae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: character
Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species?
size

Size (cm) - Lethrinidae (Sz_Lethrinidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: character Width: 16

Valid cases: 57
Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

# Size (cm) - Lutjanidae (Sz Lutjanidae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species?
size

Size (cm) - Mugilidae (Sz_Mugilidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: character Width: 16

Valid cases: 57
Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Mullidae (Sz_Mullidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species?
size

Size (cm) - Other (Sz_Other)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character Invalid: 0
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Platycephalidae (Sz_Platycephalidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Width: 4
Invalid: 0

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Priacanthidae (Sz_Priacanthidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Scaridae (Sz_Scaridae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Serranidae (Sz_Serranidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0 Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Siganidae (Sz_Siganidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 16

## Literal question

In an average catch what fish do you catch, and how much of each species? size

# Size (cm) - Sphyraenidae (Sz_Sphyraenidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Discrete
Valid cases: 57
Format: character
Invalid: 0
Width: 4

## Literal question

In an average catch what fish do you catch, and how much of each species? size

Size (cm) - Average (Sz_Average)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 8-50

Valid cases: 57
Invalid: 0
Minimum: 16
Maximum: 36.8
Mean: 26.7

## Literal question

In an average catch what fish do you catch, and how much of each species?
size

## Interviewer instructions

(write down the species in the table)

Weight percentage - Acanthuridae (Pct_Acanthuridae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 0.7 |
| Range: $0-1$ | Mean: 0.1 |

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Albulidae (Pct_Albulidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Balistidae (Pct_Balistidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0-0.161879952835937

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0.3
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Belonidae (Pct_Belonidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Width: 16
Decimals: 0
Invalid: 0
Minimum: 0
Range: 0-0.119106588215199

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

# Weight percentage - Caesionidae (Pct_Caesionidae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Carangidae (Pct_Carangidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0.4
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Chanidae (Pct_Chanidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0-0.049629036147186

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

Weight percentage - Cirrhitidae (Pct_Cirrhitidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF
Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Literal question
In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Exocoetidae (Pct_Exocoetidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Gerreidae (Pct_Gerreidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 17
Minimum: 0
Decimals: 0
Maximum: 0.4
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Hemiramphidae (Pct_Hemiramphidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Valid cases: 57

Decimals: 0
Invalid: 0
Minimum: 0
Range: 0-0
Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

# Weight percentage - Holocentridae (Pct Holocentridae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Width: 17
Invalid: 0
Decimals: 0
Minimum: 0
Range: 0-0.524272711047653

Maximum: 0.1

Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Kyphosidae (Pct_Kyphosidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 17
Minimum: 0
Decimals: 0 Maximum: 0.4
Range: 0-0.348956236945018

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Labridae (Pct Labridae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0-0.049629036147186

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0.3
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

Weight percentage - Lethrinidae (Pct_Lethrinidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF
Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0.885924112607099

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1
Mean: 0.4

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Lutjanidae (Pct_Lutjanidae) File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0-0.865562591329761

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0.7
Mean: 0.1

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Mugilidae (Pct_Mugilidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 17
Decimals: 0
Minimum: 0
Range: 0-0.658880237300704

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Mullidae (Pct_Mullidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0.2
Range: 0-1
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

## Weight percentage - Other (Pct_Other)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 17
Minimum: 0
Decimals: 0
Range: 0-0.333333333333333

Maximum: 0.2
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Platycephalidae (Pct_Platycephalidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Priacanthidae (Pct Priacanthidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0-0.315789473684211

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Scaridae (Pct_Scaridae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 17 | Minimum: 0 |
| Decimals: 0 | Maximum: 0.8 |
| Range: $0-0.45$ | Mean: 0.1 |

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Serranidae (Pct_Serranidae) File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 0.5 |
| Range: $0-1$ | Mean: 0.1 |

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

# Weight percentage - Siganidae (Pct_Siganidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-0
Mean: 0.1

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

(write down the species in the table)

## Weight percentage - Sphyraenidae (Pct_Sphyraenidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Width: 17
Invalid: 0
Decimals: 0
Minimum: 0
Range: 0-0.335577148646165

Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
Percentage of the total catch weight

## Interviewer instructions

# Extrapolated yearly weight (kg) caught by the fisher - Acanthuridae (Wt_Acanthuridae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Invalid: 0
Width: 16
Decimals: 0
Minimum: 0
Range: 0-959.630995648093

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher - Albulidae (Wt_Albulidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

## Extrapolated yearly weight (kg) caught by the fisher - Balistidae <br> (Wt_Balistidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 132.2 |
| Range: $0-45.6418267934538$ | Mean: 2.3 |

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher - Belonidae (Wt_Belonidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Width: 16
Decimals: 0
Range: 0-26.3083047944049

Invalid: 0
Minimum: 0
Maximum: 102.3
Mean: 1.8

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

## Extrapolated yearly weight (kg) caught by the fisher - Caesionidae (Wt_Caesionidae)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher - Carangidae
(Wt_Carangidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 14
Decimals: 0
Range: 0-911.9999695884

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 306.8
Mean: 27.1

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher - Chanidae
(Wt_Chanidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 0 |
| Range: $0-34.7356164417043$ | Mean: 0 |

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Cirrhitidae (Wt_Cirrhitidae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Exocoetidae (Wt_Exocoetidae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg
Interviewer instructions
(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher Gerreidae (Wt_Gerreidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 128.5 |
| Range: $0-0$ | Mean: 4.8 |
| Literal question |  |
| In an average catch what fish do you catch, and how much of each species? |  |
| kg |  |
| Interviewer instructions |  |
| (write down the species in the table) |  |

# Extrapolated yearly weight (kg) caught by the fisher Hemiramphidae (Wt_Hemiramphidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 0 |
| Range: $0-0$ | Mean: 0 |

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Holocentridae (Wt_Holocentridae) 

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

```
Type: Continuous Valid cases: 57
Format: numeric Invalid: 0
Width: 16 Minimum: 0
Decimals: 0
Range: 0-348.548513177283
                                Maximum: 125.1
                                Mean: 11.3
```


## Literal question

In an average catch what fish do you catch, and how much of each species?
kg
Interviewer instructions
(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Kyphosidae (Wt_Kyphosidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher Labridae
(Wt Labridae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Range: 0-34.7356164417043
Maximum: 409.1

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Lethrinidae (Wt Lethrinidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 2148.7
Range: 0-1089.8404265577
Mean: 454.7

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Lutjanidae (Wt_Lutjanidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 968.7 |
| Range: $0-868.390411042607$ | Mean: 112.7 |
| Literal question |  |

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg
Interviewer instructions

# Extrapolated yearly weight (kg) caught by the fisher Mugilidae (Wt_Mugilidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Range: 0-405.029926507619
Maximum: 340.1
Mean: 7.8

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Mullidae (Wt Mullidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 265.1
Range: 0-326.241895498263
Mean: 15.1

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

## Extrapolated yearly weight (kg) caught by the fisher Other (Wt_Other) File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 10
Minimum: 0
Decimals: 0
Maximum: 83.2
Range: 0-104.942376
Mean: 2.2

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Platycephalidae (Wt_Platycephalidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Width: 1
Invalid: 0
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-0
Mean: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Priacanthidae (Wt Priacanthidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 14
Decimals: 0
Minimum: 0
Range: 0-195.4285649118
Maximum: 0

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

## Extrapolated yearly weight (kg) caught by the fisher Scaridae (Wt_Scaridae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-781.7142596472

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 1266.8
Mean: 134.1

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher Serranidae
(Wt_Serranidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 0
Width: 16
Decimals: 0
Minimum: 0
Range: 0-343.390110249295
Maximum: 1113.4

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

# Extrapolated yearly weight (kg) caught by the fisher Siganidae (Wt_Siganidae) <br> File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-0

Valid cases: 57
Invalid: 0
Minimum: 0
Maximum: 769
Mean: 56.7

## Literal question

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher - Sphyraenidae
(Wt_Sphyraenidae)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 57 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 0 |
| Range: $0-498.864013098528$ | Mean: 0 |
| Literal question |  |

In an average catch what fish do you catch, and how much of each species?
kg

## Interviewer instructions

(write down the species in the table)

Extrapolated yearly weight (kg) caught by the fisher - All (Wt_All) File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 1.1073939285024-1737.142799216

Valid cases: 57
Invalid: 0
Minimum: 68.6
Maximum: 2911.5
Mean: 1185.5

## Literal question

In an average catch what fish do you catch, and how much of each species?

## Interviewer instructions

(write down the species in the table)

## Household ID (Household_ID)

File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 1-135

Fisher ID (Fisher_ID)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Valid cases: 57
Format: numeric Invalid: 0
Width: 3
Decimals: 0
Range: 1-147

Fishery Survey ID (Fishery_Survey_ID)
File: SPC_TON_2008_SEprocfish_FinfishF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 57
Width: 3
Decimals: 0
Range: 1-163

Site (Site)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Valid cases: 66
Invalid: 0
Minimum: 1
Maximum: 4

## Household Code (HH_Code)

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Width: 2
Decimals: 0
Range: 1-30

## Gender of fisher (Fisher_Gender)

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

## Literal question

Gender

Valid cases: 66
Invalid: 0
Minimum: 1
Maximum: 2

Habitat Gleaning - Seagrass (Hab_Seagrass)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Which type of fisheries do you do?
Seagrass

Habitat Gleaning - Mangrove (Hab_Mangrove)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Which type of fisheries do you do?
Mangrove

Habitat Gleaning - Sand (Hab_Sand)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-1

## Literal question

Which type of fisheries do you do?
Sand

Habitat Gleaning - ReefTop (Hab_ReefTop)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Which type of fisheries do you do?
Reeftop

Habitat Diving - Beche de mer (Hab_BdM)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Which type of fisheries do you do?
Beche de mer

Habitat Diving - Trochus (Hab Trochus)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Which type of fisheries do you do?
Trochus

Habitat Diving - Lobster (Hab_Lobster)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Range: 0-1

## Literal question

Which type of fisheries do you do?
Lobster

Habitat Diving - Other (Hab_Other)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Which type of fisheries do you do?
Other

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Habitat combination (Habitat)

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric

Valid cases: 66
Invalid: 0
Minimum: 1
Maximum: 8

Decimals: 0
Range: 1-9

## Literal question

Which type of fisheries do you do?

Fishing time - Daytime (Fishing_Day)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Discrete | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 1 |

Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

glean/dive at
Day

Fishing time - Night (Fishing_Night)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Range: 0-1

## Literal question

glean/dive at
Night

```
Yearly hours (Yearly_Hours)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF
```


## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Width: 13
Decimals: 0
Minimum: 0.8
Maximum: 651.4
Range: 2.498628-651.428549706
Mean: 199.1

## Literal question

How often do you go gleaning/diving (tick as from questions 1 and 2 above and watch for combinations) and for how long, and do you also finfish at the same time?
Duration in hours

Fishing time (Fishing_Time)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-3

Valid cases: 66
Invalid: 0
Minimum: 1
Maximum: 3
Mean: 1

## Literal question

Glean/dive at

Fishing months (Fishing_Months)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 66
Width: 2
Decimals: 0
Invalid: 0
Minimum: 2
Maximum: 12
Mean: 11.5

## Literal question

How often do you go gleaning/diving (tick as from questions 1 and 2 above and watch for combinations) and for how long, and do you also finfish at the same time?
Fish no. of months/year

## Trips per week (Trips_Per_Week) <br> File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 18
Decimals: 0
Range: 0.0191780664289865-5

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 5
Mean: 1.9

## Literal question

Average quantity/trip
Total number/trip

Time spent fishing (Time_Spent_Fishing)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 1
Decimals: 0
Maximum: 4
Range: 1-7
Mean: 2.6

## Literal question

How often do you go gleaning/diving (tick as from questions 1 and 2 above and watch for combinations) and for how long, and do you also finfish at the same time?
Times/week

Going fishing by foot (Walk)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

What transport do you mainly use?
Walk

Going fishing by boat (Use_Boat)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Discrete | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 1 |

Range: 0-1

## Literal question

What transport do you mainly use?
Canoe (no engine) / motorised boat (HP) / Sailboat

Targeting Beche de mer - High value - Gift (Obj_BdM_HV_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Gift

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

Targeting Beche de mer - High value - Sale (Obj_BdM_HV_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0
Range: 0-1

## Literal question

Species
Sale

Targeting Beche de mer - High value - Subsistence (Obj_BdM_HV_Sub) File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Species
Cons.

Targeting Beche de mer - Low value - Gift (Obj_BdM_LV_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Species
Gift

Targeting Beche de mer - Low value - Sale (Obj_BdM_LV_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Sale

Targeting Beche de mer - Low value - Subsistence (Obj_BdM_LV_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Cons.

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Species
Sale

Targeting Bivalves - Subsistence (Obj_Bivalves_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Species
Cons.

Targeting Crustaceans - Gift (Obj_Crustaceans_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Minimum: 0
Maximum: 0
Range: 0-1

## Literal question

Species
Gift

Targeting Crustaceans - Sale (Obj_Crustaceans_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Species
Sale

Targeting Crustaceans - Subsistence (Obj_Crustaceans_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Species
Cons.

Targeting Gastropods - Gift (Obj_Gastropods_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 66
Width: 1
Invalid: 0
Decimals: 0
Range: 0-1

## Literal question

Species
Gift

Targeting Gastropods - Sale (Obj_Gastropods_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Sale

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

Targeting Gastropods - Subsistence (Obj_Gastropods_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Species
Cons.

Targeting Giant Clams - Gift (Obj_Giant_Clams_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Discrete | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 1 |

Range: 0-1

## Literal question

Species
Gift

Targeting Giant Clams - Sale (Obj_Giant_Clams_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Species
Sale

Targeting Giant Clams - Subsistence (Obj_Giant_Clams_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 1
Range: 0-1

## Literal question

Species
Cons.

Targeting Lobster - Gift (Obj_Lobster_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Species
Gift

Targeting Lobster - Sale (Obj_Lobster_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Discrete | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 1 |

Range: 0-1
Maximum: 1

## Literal question

Species
Sale

Targeting Lobster - Subsistence (Obj_Lobster_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 66
Width: 1
Invalid: 0
Decimals: 0
Range: 0-1

## Literal question

Species
Cons.

Targeting Octopus - Gift (Obj_Octopus_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Gift

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

Targeting Octopus - Sale (Obj_Octopus_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Species
Sale

Targeting Octopus - Subsistence (Obj_Octopus_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Species
Cons.

Targeting Others - Gift (Obj_Others_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Range: 0-1

## Literal question

Species
Gift

Targeting Others - Sale (Obj_Others_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Sale

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Targeting Others - Subsistence (Obj_Others_Sub)

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 1

## Literal question

Species
Cons.

Targeting Sea urchins - Gift (Obj_Sea_urchins_Gift)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Discrete | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 1 | Minimum: 0 |
| Decimals: 0 | Maximum: 0 |

Range: 0-1

## Literal question

Species
Gift

# Targeting Sea urchins - Sale (Obj_Sea_urchins_Sale) 

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Sale

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

Targeting Sea urchins - Subsistence (Obj_Sea_urchins_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Literal question

Species
Cons.

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Targeting Trochus - Gift (Obj_Trochus_Gift)

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Species
Gift

Targeting Trochus - Sale (Obj_Trochus_Sale)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0

## Literal question

Species
Sale

Targeting Trochus - Subsistence (Obj_Trochus_Sub)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-1

## Literal question

Species
Cons.

Average quantity per trip in Kg Beche de mer - High value (Per_Trip_BdM_HV)
File: 'SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 15
Decimals: 0
Range: 0-0

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 12.4
Mean: 0.7

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Beche de mer - Low value
(Per_Trip_BdM_LV)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Minimum: 0
Decimals: 0
Range: 0-7.18625297309195
Maximum: 3.3
Mean: 0.2

## Literal question

Average quantity/trip
Total number/trip

## Average quantity per trip in Kg Bivalves (Per_Trip_Bivalves)

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0.4
Mean: 0

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Crustaceans (Per_Trip_Crustaceans) File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 0 |
| Range: $0-4.9$ | Mean: 0 |

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Gastropods (Per_Trip_Gastropods)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous Valid cases: 66
Format: numeric Invalid: 0
Width: 16
Decimals: 0
Minimum: 0
Range: 0-9.52499942400005
Maximum: 8
Literal question
Average quantity/trip
Total number/trip

Average quantity per trip in Kg Giant clams (Per_Trip_Giant_Clams)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-22.5

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 15
Mean: 1.7

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Lobster (Per_Trip_Lobster)
File: SPC_TON_2008_SEprocfish_Invertebratē_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 10
Mean: 0.2

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Octopus (Per_Trip_Octopus)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 11 |
| Range: $0-6$ | Mean: 1.6 |

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Others (Per_Trip_Others)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Width: 12
Decimals: 0
Minimum: 0

Range: 0-0
Maximum: 2.1
Mean: 0.3
Literal question
Average quantity/trip
Total number/trip

Average quantity per trip in Kg Sea urchins (Per_Trip_Sea_urchins)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

Average quantity/trip
Total number/trip

Average quantity per trip in Kg Trochus (Per_Trip_Trochus)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-35

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

## Literal question

Average quantity/trip
Total number/trip

Extrapolated quantity per year in Kg Beche de mer - High value (Per_Year_BdM_HV)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

| Type: Continuous | Valid cases: 66 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 804.8 |
| Range: $0-0$ | Mean: 49.3 |

Extrapolated quantity per year in Kg Beche de mer - Low value
(Per_Year_BdM_LV)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Width: 16
Decimals: 0
Minimum: 0
Range: 0-215.46927472381

# Extrapolated quantity per year in Kg Bivalves (Per_Year_Bivalves) 

File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 15
Decimals: 0
Range: 0-43.4285699804

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 54.7
Mean: 1.8

Extrapolated quantity per year in Kg Crustaceans
(Per_Year_Crustaceans)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-391.7848704

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

Extrapolated quantity per year in Kg Gastropods
(Per_Year_Gastropods)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Valid cases: 66
Invalid: 0
Width: 14
Minimum: 0
Decimals: 0
Maximum: 477.7
Range: 0-434.285699804
Mean: 55.4

## Extrapolated quantity per year in Kg Giant clams <br> (Per_Year_Giant_Clams) <br> File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Width: 14
Decimals: 0
Range: 0-1085.71424951

Invalid: 0
Minimum: 0
Maximum: 1302.9
Mean: 135

Extrapolated quantity per year in Kg Lobster (Per_Year_Lobster)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 14
Decimals: 0
Range: 0-1302.857099412

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 868.6
Mean: 13.2

## Extrapolated quantity per year in Kg Octopus (Per_Year_Octopus) <br> File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-119.4285674461

Extrapolated quantity per year in Kg Others (Per_Year_Others)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 14
Decimals: 0
Range: 0-0

Valid cases: 66
Invalid: 0
Minimum: 0
Maximum: 152
Mean: 17.5

Extrapolated quantity per year in Kg Sea urchins
(Per_Year_Sea_urchins)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Minimum: 0
Range: 0-0

Maximum: 0
Mean: 0

Extrapolated quantity per year in Kg Trochus (Per_Year_Trochus)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Continuous
Valid cases: 66
Invalid: 0
Width: 14
Decimals: 0
Range: 0-1519.999949314
Minimum: 0
Maximum: 0
Mean: 0

Invertebrate Fishery - Survey ID (InvFishery_Survey_ID)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric
Invalid: 0
Width: 3
Decimals: 0
Range: 1-136

Invertebrate fisher ID (InvFisher_ID)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Valid cases: 66
Format: numeric Invalid: 0
Width: 3
Decimals: 0
Range: 1-108

Household ID (Household_ID)
File: SPC_TON_2008_SEprocfish_InvertebrateF_v01_PUF

## Overview

Type: Discrete
Format: numeric

Valid cases: 66
Invalid: 0

Width: 3
Decimals: 0
Range: 1-100

Site (Site)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Invalid: 0
Minimum: 1
Maximum: 4

Low island (Low_Island)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Format: numeric
Valid cases: 4
Width: 1
Invalid: 0
Decimals: 0
Minimum: 1
Range: 0-1
Maximum: 1

High island (High_Island)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 0

Latitude (Latitude)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 11
Minimum: -21.1
Decimals: 0
Maximum: -19.8
Range: -14.3166667--13.2166667
Mean: -20.5

## Longitude (Longitude)

File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Minimum: 184.7
Width: 11
Maximum: 185.7
Range: 181.8333333-183.85
Mean: 185.2

# Distance to Center of Biodiversity (km) (Distance_To_CoB) 

File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 6581.55328957873-6766.71185055511

Valid cases: 4
Invalid: 0
Minimum: 7064.3
Maximum: 7125.1
Mean: 7096.2

Island area (km2) (Island_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 5
Minimum: 11.3
Decimals: 0
Maximum: 259.3
Range: 62.3-82.4
Mean: 135.3

Isolation index (Isolation_Index)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Discrete | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 3 | Minimum: 65 |
| Decimals: 0 | Maximum: 103 |
| Range: $90-96$ | Mean: 84 |

Distance to capital (km) (Distance_To_Capital)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous

Valid cases: 4
Invalid: 0
Minimum: 10.5
Maximum: 174.2
Mean: 90

Market by boat (Market_By_Boat)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 1

# Market by road (Market_By_Road) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 1

Market by air (Market_By_Air)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Valid cases: 4
Format: numeric
Invalid: 0
Width: 1
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-1

Nearest market (Nearest_Market)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-3

Valid cases: 4
Invalid: 0
Minimum: 1
Maximum: 2

Distance to market (Distance_To_Market)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric

Invalid: 0
Minimum: 1.9
Maximum: 21.2

Fishing ground area (km2) (Fishing_Ground_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-114.092547

Invalid: 0
Minimum: 151.7
Maximum: 339.3
Mean: 234.6

Reef area (km2) (Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-65.31927

Valid cases: 4
Invalid: 0
Minimum: 24.6
Maximum: 94.9
Mean: 62.6

Coastal reef area (km2) (Coastal_Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Minimum: 1.6
Width: 7
Maximum: 63.6
Decimals: 0
Mean: 32.1

Lagoon area (km2) (Lagoon_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-77.8513

Valid cases: 4
Invalid: 0
Minimum: 78.7
Maximum: 289.8
Mean: 184.4

Outer reef area (km2) (Outer_Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Invalid: 0
Format: numeric
Minimum: 5.1
Width: 9
Maximum: 23
Mean: 11.7

Total population (Total_Population)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric

Valid cases: 4
Invalid: 0
Minimum: 187.2
Maximum: 312.6

# Total number of households (Total_Number_Households) File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 51-956

Valid cases: 4
Invalid: 0
Minimum: 32
Maximum: 44
Mean: 38.8

## Household surveyed (Household_Surveyed) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 2
Minimum: 19
Decimals: 0
Maximum: 27
Range: 25-76

# Average Household size (Avg_Household_Size) 

 File: SPC_TON_2008_SEprocfish_Sites_v01_PUF
## Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 5.25-6.56

Valid cases: 4
Invalid: 0
Minimum: 4.8
Maximum: 7.1

Per capita consumption - Fresh fish (PC_Cons_Fresh_Fish)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 46.6
Decimals: 0
Maximum: 91.8
Range: 24.3311173685236-60.3340775999776
Mean: 70.3

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family?

Per capita consumption - Invertebrates (PC_Cons_Invertebrates)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

## Type: Continuous

Format: numeric
Width: 17
Decimals: 0
Range: 0.599182466783242-4.79502538516925

Valid cases: 4
Invalid: 0
Minimum: 2.3
Maximum: 17.7
Mean: 10.9

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family?

# Per capita consumption - Canned fish (PC_Cons_Canned_Fish) 

File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 3.30526273245977-7.48772065617387

Valid cases: 4
Invalid: 0
Minimum: 10
Maximum: 21.2
Mean: 16.8

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family?

Per capita consumption - Fish and Invertebrates
(PC_Cons_Fish_And_Inverts)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 27.3229092344766-65.1291029851469

Valid cases: 4
Invalid: 0
Minimum: 53.3
Maximum: 109.5
Mean: 81.2

## Literal question

During an average/normal week, on how many days do you prepare fish, other seafood and canned fish for your family?

# Pourcentage of Household remittance (Pct_HH_Remittance) File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 12.5-34.210526

Valid cases: 4
Invalid: 0
Minimum: 75
Maximum: 92.6
Mean: 81.9

## Literal question

How much? (enter amount) Every time?

Average remittance in USD (Avg_Remittance_USD)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Invalid: 0
Width: 10
Decimals: 0
Minimum: 713.4
Decimals. 0
Maximum: 2413.4
Range: 826.04-4404.26
Mean: 1199.8

## Literal question

How much? (enter amount) Every time?

Percentage 1st income - Fishing (Pct_1st_Income_Fishing)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 2
Minimum: 14.8
Decimals: 0
Maximum: 70
Range: 0-37.931034
Mean: 41.5

## Literal question

Where does the CASH money in this household come from?

Percentage 1st income - Salary (Pct_1st_Income_Salary)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 9
Minimum: 5
Decimals: 0
Maximum: 33.3
Range: 44-73.076923
Mean: 20.9

## Literal question

Where does the CASH money in this household come from?

Percentage 2nd income - Fishing (Pct_2nd_Income_Fishing)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Width: 9
Invalid: 0
Decimals: $0 \quad$ Maximum: 5.3
Range: 12-34.482758
Maximum: 5.3

## Literal question

Where does the CASH money in this household come from?

# Percentage 2nd income - Salary (Pct_2nd_Income_Salary) File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 3.125-7.692307

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 21.1
Mean: 10.7

## Literal question

Where does the CASH money in this household come from?

Average expenditure in USD (Avg_Expenditure_USD)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 8783.54979310345-14615.7415384615

Valid cases: 4
Invalid: 0
Minimum: 2254.3
Maximum: 3639.8
Mean: 3073.2

## Literal question

How much CASH money do you use on average for household expenditures (food, fuel for cooking, school bus, etc.)?

Percentage education - Primary (Pct_Education_Primary)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 18
Minimum: 0.1
Decimals: 0
Maximum: 0.3
Range: 0.522058823529412-0.627659574468085
Mean: 0.1

## Literal question

What is the educational level of your household members?

Percentage education - Secondary (Pct_Education_Secondary)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Width: 17
Invalid: 0
Decimals: 0
Minimum: 0.7
Range: 0.197916666666667-0.279411764705882
Maximum: 0.9

## Literal question

What is the educational level of your household members?

Percentage education - Tertiary (Pct_Education_Tertiary)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 17
Decimals: 0
Range: 0.0957446808510638-0.260416666666667

## Literal question

What is the educational level of your household members?

## Extrapolated number - Fishers (Extrapol_Nb_Fishers)

File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 67.32-1232.736188

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 0.1
Mean: 0

## Literal question

How many fishers live in your household?

# Extrapolated number - Finfish fishers (Extrapol_Nb_FinFishers) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 51-1056.631428

## Literal question

How many fishers live in your household?
Finfish fishers

Valid cases: 4
Invalid: 0
Minimum: 30.1
Maximum: 41
Mean: 36

Extrapolated number - Invertebrate fishers
(Extrapol_Nb_Invert_Fishers)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Continuous | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 10 | Minimum: 19 |
| Decimals: 0 | Maximum: 50.7 |
| Range: $27.69224-679.262856$ | Mean: 33.3 |

## Literal question

How many fishers live in your household?
Invertebrate fishers

Extrapolated number - Boats (Extrapol_Nb_Boats)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous Valid cases: 4
Format: numeric Invalid: 0
Width: $10 \quad$ Minimum: 3.6
Decimals: $0 \quad$ Maximum: 18.5
Range: 12.24-125.788568
Mean: 10.8

## Literal question

Does this household own a boat?

# Extrapolated number - Canoes (Extrapol_Nb_Canoes) 

 File: SPC_TON_2008_SEprocfish_Sites_v01_PUF
## Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 0-25.15714

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 4.6
Mean: 2.1

## Literal question

# Extrapolated number - Sailboats (Extrapol_Nb_SailBoats) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF̄ 

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

## Literal question

Does this household own a boat?

```
```

Valid cases: 4

```
```

Valid cases: 4
Invalid: 0
Invalid: 0
Minimum: 0
Minimum: 0
Maximum: 0
Maximum: 0
Mean: 0

```
    Mean: 0
```

```
    Maximum:}
```

```
    Maximum:}
```


# Extrapolated number - Motorboats (Extrapol_Nb_MotorBoats) File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 9.23072-100.631428

Valid cases: 4
Invalid: 0
Minimum: 3.6
Maximum: 13.9
Mean: 8.7

## Literal question

Does this household own a boat?
Motorboats

Extrapolated average nnumber - Boats (Extrapol_Avg_Nb_Boats)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric Invalid: 0
Width: 8
Minimum: 0.1
Decimals: 0
Maximum: 0.4
Range: 0.131578-0.482758
Mean: 0.3

## Literal question

Does this household own a boat?

Extrapolated annual Finfish - Catch (Extrapol_Annual_Finfish_Catch_T)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Continuous | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 25.6 |
| Decimals: 0 | Maximum: 79.2 |
| Range: $10.8633915675789-418.810653984417$ | Mean: 42.7 |

## Literal question

Where do you normally get your fish and seafood from?

# Extrapolated annual Finfish - Subsistence (Extrapol_Annual_Finfish_Subsiste) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 9.2
Decimals: 0
Maximum: 22.4
Range: 10.0703706549574-260.101248608921
Mean: 16

## Literal question

Where do you normally get your fish and seafood from?

# Extrapolated annual Finfish - Export <br> (Extrapol_Annual_Finfish_Export_T) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 17
Minimum: 6.2
Decimals: 0
Maximum: 67.6
Range: 0.793020912621476-158.709405375496
Mean: 26.7

## Literal question

Where do you normally get your fish and seafood from?

Number of people per - Fishing ground area (Nb_People_Per_FG_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-251.735291065689

Valid cases: 4
Invalid: 0
Minimum: 0.6
Maximum: 1.8
Mean: 1.1

Number of people per - Reef area (Nb_People_Per_Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Decimals: 0
Range: 0-254.933305851159

Number of household per - Fishing ground area (Nb_HH_Per_FG_Area) File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-40.7061356366761

Valid cases: 4
Invalid: 0
Minimum: 0.1
Maximum: 0.3
Mean: 0.2

Number of household per - Reef area (Nb_HH_Per_Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Valid cases: 4
Width: 16
Decimals: 0
Range: 0-41.2232614757841

Invalid: 0
Minimum: 0.5
Maximum: 1.6
Mean: 0.8

Number of Finfish fishers per - Fishing ground area
(Nb_FinFishers_Per_FG_Area)
File: SPC_TON_2008_SĒprocfish_Sites_v01_PUF

## Overview

Type: Continuous

Valid cases: 4
Invalid: 0
Minimum: 0.1
Maximum: 0.2
Mean: 0.2

Number of Finfish fishers per - Reef area
(Nb_FinFishers_Per_Reef_Area)
File: SPC_TON_200 $\overline{8}$ _SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-45.5625456485096

Valid cases: 4
Invalid: 0
Minimum: 0.3
Maximum: 1.7
Mean: 0.8

Number of boats per - Fishing ground area (Nb_Boats_Per_FG_Area) File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 0.1
Range: 0-5.35603191480257
Mean: 0.1

Number of boats per - Reef area (Nb_Boats_Per_Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-5.42407429846073

Valid cases: 4
Invalid: 0
Minimum: 0.1
Maximum: 0.4
Mean: 0.2

Annual Finfish fisher - Subsistence catch per household (Annual_FF_Subsistence_Catch_Per_)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 286.1
Decimals: 0
Maximum: 519.7
Range: 125.879633186967-350.199735296402
Mean: 403.1

Annual Finfish fisher - Export catch per household (Annual FF Export Catch Per HH) File: SPC_TŌN_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 9.91276140776845-594.137559181106

Valid cases: 4
Invalid: 0
Minimum: 155.2
Maximum: 1733.2
Mean: 695

Annual Finfish fisher - Catch per FG area
(Annual_FF_Catch_Per_FG_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Invalid: 0
Minimum: 0.1
Width: 16
Maximum: 0.4
Decimals: 0
Mean: 0.2

Annual Finfish fisher - Catch per Reef area (Annual_FF_Catch_Per_Reef_Area)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-18.0593526130165

Valid cases: 4
Invalid: 0
Minimum: 0.3
Maximum: 3.2
Mean: 1.1

# Finfish fishers - Technique Handline (FF_Tech_Handline) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 12.5-50

Valid cases: 4
Invalid: 0
Minimum: 35.7
Maximum: 59.1
Mean: 46.7

# Finfish fishers - Technique Castnet (FF_Tech_Castnet) 

File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-35.4838709677419

Valid cases: 4
Invalid: 0
Minimum: 3.8
Maximum: 18.2
Mean: 9.9

Finfish fishers - Technique Speardive (FF_Tech_SpearDive)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Continuous | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 4.5 |
| Decimals: 0 | Maximum: 42.1 |
| Range: $0-37.5$ | Mean: 29.2 |

Finfish fishers - Technique Spear walk canoe
(FF_Tech_SpearWalkCanoe)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric Invalid: 0
Width: 16
Decimals: 0 Minimum: 0
Decimals: 0 Maximum: 0
Range: 0-12.3595505617978

Finfish fishers - Technique Deep bottom line
(FF_Tech_DeepBottomLine)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Discrete
Format: numeric
Width: 16
Decimals: 0
Range: 0-0

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 14.3
Mean: 3.6

Finfish fishers - Technique Gillnet (FF_Tech_Gillnet)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 9.67741935483871-45.8333333333333

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 9.1
Mean: 3.6

## Finfish fishers - Technique Other (FF_Tech_Other) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Minimum: 0
Width: 16
Maximum: 11.5
Decimals: 0
Mean: 6.9

Finfish fishers - Catch per hour (FF_Catch_Per_Hour)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Continuous | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 1.8 |
| Decimals: 0 | Maximum: 3.9 |
| Range: $1.57208651286465-2.27974234073089$ | Mean: 2.6 |

Extrapolated yearly weight (kg) caught by the community -
Acanthuridae (Wt Acanthuridae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 318.4
Decimals: 0
Maximum: 12598.6
Range: 718.392368309196-105640.812018382

Extrapolated yearly weight (kg) caught by the community - Albulidae (Wt Albulidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Extrapolated yearly weight (kg) caught by the community - Balistidae (Wt Balistidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 15
Decimals: 0
Range: 0-141.647048669339

Extrapolated yearly weight (kg) caught by the community - Belonidae (Wt_Belonidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

```
Type: Continuous Valid cases: 4
Format: numeric Invalid: 0
Width: 16 Minimum: 0
Decimals: 0
Range: 0-548.320279532336
Maximum: 261.8
Mean: 65.4
```

Extrapolated yearly weight (kg) caught by the community -
Caesionidae (Wt_Caesionidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Extrapolated yearly weight (kg) caught by the community -
Carangidae (Wt_Carangidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Extrapolated yearly weight (kg) caught by the community - Chanidae (Wt_Chanidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-145.102476564361

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

Extrapolated yearly weight (kg) caught by the community - Cirrhitidae (Wt_Cirrhitidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Valid cases: 4
Width: 1
Decimals: 0
Range: 0-0

Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

Extrapolated yearly weight (kg) caught by the community -
Exocoetidae (Wt_Exocoetidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

Extrapolated yearly weight (kg) caught by the community - Gerreidae (Wt_Gerreidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 676
Range: 0-0
Mean: 184.5

Extrapolated yearly weight ( kg ) caught by the community Hemiramphidae (Wt_Hemiramphidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Valid cases: 4
Invalid: 0
Width: 1
Decimals: 0
Range: 0-0

Extrapolated yearly weight ( kg ) caught by the community Holocentridae (Wt Holocentridae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 770.6
Range: 1005.28306054957-25398.5080794263
Mean: 402.4

Extrapolated yearly weight ( kg ) caught by the community -
Kyphosidae (Wt_Kyphosidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Continuous | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 0 |
| Decimals: 0 | Maximum: 943.5 |
| Range: $166.114475468817-20055.8596727256$ | Mean: 396.5 |

Extrapolated yearly weight (kg) caught by the community - Labridae (Wt_Labridae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous

Valid cases: 4
Invalid: 0
Minimum: 302.5
Maximum: 1107.2
Mean: 564.3

Extrapolated yearly weight (kg) caught by the community Lethrinidae (Wt Lethrinidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Extrapolated yearly weight (kg) caught by the community - Lutjanidae (Wt_Lutjanidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Extrapolated yearly weight (kg) caught by the community - Mugilidae (Wt_Mugilidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 763.1
Range: 1668.20595146909-45883.2785919828
Mean: 264.7

Extrapolated yearly weight (kg) caught by the community - Mullidae (Wt Mullidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Width: 16
Decimals: 0
Range: 0-14211.3924348505

Invalid: 0
Minimum: 0
Maximum: 1173
Mean: 502.5

Extrapolated yearly weight (kg) caught by the community - Other
(Wt_Other)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous Valid cases: 4
Format: numeric
Invalid: 0
Width: 16
Minimum: 85
Decimals: 0
Range: 522.208609553645-101832.385561527

Extrapolated yearly weight ( kg ) caught by the community -
Platycephalidae (Wt_Platycephalidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Valid cases: 4 Invalid: 0
Width: 1
Decimals: 0
Range: 0-0

# Extrapolated yearly weight (kg) caught by the community - <br> Priacanthidae (Wt_Priacanthidae) <br> File: SPC_TON_2008_SEprocfish_Sites_v01_PUF 

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-606.502442829724

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 0
Mean: 0

Extrapolated yearly weight (kg) caught by the community - Scaridae (Wt_Scaridae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

| Type: Continuous | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 0 |
| Width: 16 | Minimum: 1926.2 |
| Decimals: 0 | Maximum: 8983 |
| Range: $0-14464.1186916636$ | Mean: 4751.9 |

Extrapolated yearly weight (kg) caught by the community - Serranidae (Wt_Serranidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous

Valid cases: 4
Invalid: 0
Minimum: 1300.6
Maximum: 14387.7
Mean: 5511.5

Extrapolated yearly weight (kg) caught by the community - Siganidae (Wt_Siganidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 0-0

Valid cases: 4
Invalid: 0
Minimum: 0
Maximum: 3644.6
Mean: 1977.5

Extrapolated yearly weight (kg) caught by the community -
Sphyraenidae (Wt_Sphyraenidae)
File: SPC_TON_2008_SEprocfish_Sites_v01_PUF

## Overview

Type: Continuous
Format: numeric
Valid cases: 4
Invalid: 0
Width: 16
Minimum: 0
Decimals: 0
Maximum: 0
Range: 0-7217.73860762819
Mean: 0

## Documentation

## Questionnaires

## Questionnaire (English) - Tonga 2008 SE PROCFish survey

| Title | Questionnaire (English) - Tonga 2008 SE PROCFish survey |
| :--- | :--- |
| Author(s) | Coastal Fisheries Programme (SPC). |
| Date | 2008-01-01 |
| Country | Tonga |
| Language | English |
| Publisher(s) | Pacific Community (SPC) |
|  | This file is the full English Questionnaire of the 2008 Pacific Regional Oceanic and Coastal Fisheries |
|  | Development Programme Socio-Economic survey of Tonga. |
|  | The questionnaire is divided into 4 forms: |
| Description | -Household Census and Consumption Survey; |
|  | -Fishing (Finfish) and Marketing Survey; |
|  | -Invertebrate Fishing and Marketing Survey Fishers; |
|  | -Fisheries (Finfish and Invertebrate and Socioeconomics) General Information Survey. |
| Filename | C:/Users/olivierm/OneDrive - SPC/Olivier Menaouer/NADA/Socio-Economic PROCfish/Tonga/SPC_TON_2008_SE- <br>  <br> PROCFish_v01_M_v01_A_PUF/Doc/Questionnaires/Tonga-Report-Final.pdf |
| Format | Document, PDF [application/pdf] |

## Reports

## Final Report (English) - Tonga 2008 SE PROCFish survey

Title Final Report (English) - Tonga 2008 SE PROCFish survey
Author(s) Kim Friedman, Silvia Pinca, Mecki Kronen, Pierre Boblin, Lindsay Chapman, Franck Magron, Aliti Vunisea and Pierre Labrosse.
Date 2009-01-01
Country Tonga
Language English
Contributor(s) Reef Fisheries Observatory.
Publisher(s) Pacific Community (SPC)
Description This file is the English version of the final report of the 2008 Pacific Regional Oceanic and Coastal Fisheries Development Programme Socio-Economic survey of Tonga.
Executive Summary: p.IX
Resume: p.XIX
Table of Acronyms: p.XXXI
contents 1. Introduction and background: p. 1
2. Profile and results (by site): p. 21
6. References: p. 215
7. Appendices: p. 223

Filename C:/Users/olivierm/OneDrive - SPC/Olivier Menaouer/NADA/Socio-Economic PROCfish/Tonga/SPC_TON_2008_SEPROCFish_v01_M_v01_A_PUF/Doc/Reports/PROCFish_2009_TongaReport.pdf
Format Document, PDF [application/pdf]

## Technical documents

## Socioeconomic Fisheries Surveys in Pacific Islands: a Manual for the Collection of a Minimum Dataset (English)

| Title | Socioeconomic Fisheries Surveys in Pacific Islands: a Manual for the Collection of a Minimum Dataset (English) |
| :---: | :---: |
| Author(s) | Coastal Fisheries Programme (SPC). |
| Date | 2007-01-01 |
| Country | Tonga |
| Language | English |
| Contributor(s) | Reefisheries Observatory |
| Publisher(s) | Pacific Community (SPC) |
| Description | This file is the English version of the "Socioeconomic Fisheries Surveys in Pacific Islands: a Manual for the Collection of a Minimum Dataset". It is the methodology report of Tonga's Pacific Regional Oceanic and Coastal Fisheries Development Programme Socio-Economic survey of 2008. This manual contains information on the history and main steps required to plan / prepare the survey. |
| Filename | C:/Users/olivierm/OneDrive - SPC/Olivier Menaouer/NADA/Socio-Economic PROCfish/Useful docs/Kronen_07_SocioFishSurveys - English.pdf |
| Format | Document, PDF [application/pdf] |

## Other materials

## Enquetes Socioeconomiques sur la Peche dans les Pays Insulaires du Pacifique: Manuel pour la Collecte d'Ensemble Minimum de Donnees (French)

| Title | Enquetes Socioeconomiques sur la Peche dans les Pays Insulaires du Pacifique: Manuel pour la Collecte <br> d'Ensemble Minimum de Donnees (French) |
| :--- | :--- |
| Author(s) | Coastal Fisheries Programme (SPC). <br> 2007-01-01 |
| Date | Tonga |
| Country | Tonger |
| Language | French <br> This file is the French version of the "Socioeconomic Fisheries Surveys in Pacific Islands: a Manual for the |
| Description |  |
| Collection of a Minimum Dataset". It is the methodology report of the Tonga's Pacific Regional Oceanic and |  |
| Coastal Fisheries Development Programme Socio-Economic survey of 2008. This manual contains information |  |
| on the history and main steps required to plan / prepare the survey. |  |

