

INTRODUCTION The 2015 Tonga National Agriculture Census Methodology Set Project Timeline Supervisors and Enumerators Recruitments Responsibilities **Trainings** Manuals Supervisor, Enumerators, Appendix 6, Appendix 7, Area **Census Instruments** Questionnaires **Listing Forms** Village Forms **PES Form** Confidentiality of public data Sub Regional Training Course on Sampling Methods for Producing Core Data Items for Agricultural and Rural Statistics

Sub Regional Training Course on Sampling Methods for Producing Core Data Items for

Agricultural and Rural Statistics

WHAT TO BE CAPTURED FROM AN AGRICULTURAL CENSUS?



- Holding ID: Village No. + Census Block No. + Household No.
- Village Name
- Head of Household

2. DEMOGRAPHIC HOUSEHOLD BIODATA

- Names of household members
- Gender
- Age of household members
- Relationship to Head of Household
- Educational Level

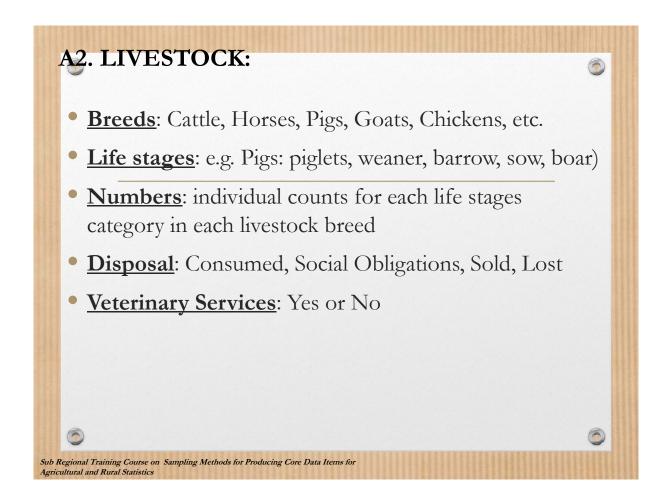
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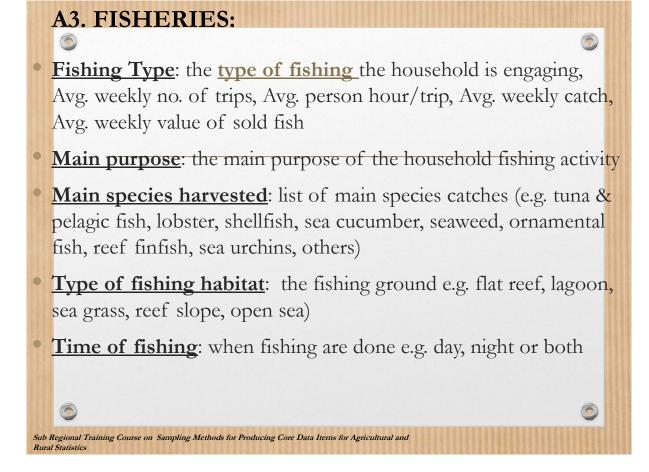
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A1. CROPS:

- <u>Land Issues</u> status of <u>ownerships</u>, <u>leased</u> and <u>rented</u>, number of <u>parcels</u>
- <u>Tax Allotments</u> Town/Bush Allotments, Size of Land area (poles, acres, etc.), Land tenure, Land Locations, Land Use
- Existing Crop Varieties List of all crops in the cropping area, Method and Type of planting, Size of crop area (acres)
 - (Main focus: Yam, Taro, Cassava and Sweet potato)
- <u>Harvested Crops</u> <u>List of harvested crops</u> in the last 12 months, and <u>quantitative estimations</u> of <u>harvested produces</u>







A4. FORESTRY:

Numbers and Intended Use of trees/shrubs in Holding e.g. food sources, timbers, soil improvements, high value woods, fuel, shade/shelter/windbreaks, boundaries, handicrafts, medicinal, conservations, ornamentals, etc.

A5. HANDICRAFTS:

- Raw Material productions: Proportions of raw materials buy or selling
- Total handicrafts produced: Proportions of Total finished products sold and values
- Engaged in group productions of handicrafts for the purpose of *katoanga* and estimated values if yes

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A6. OTHER INFORMATION:

- <u>Labour</u>: Use of group or permanent labours, labour gender, working hours, rate and benefits if paid
- Machinery & Equipments: List of all equipments owned in Farming, Fishing, Transport, Energy supply, and Livestock activities
- Agricultural Income and Loan: Proportion of income comes from the agricultural sector activities, loan amount, sources, purposes and rate of repayment
- Opinions and prioritising current Challenges in the agricultural sector: Lack of production inputs, lack of finance sources, lack of management skills, lack of markets, lack of new technologies and infrastructures

CHALLENGES AND DIFFICULTIES

- Unpreparedness
 - results in frequent delaying of census activities
 - may have an impact with the collected data accuracy
- Spatial distances and Remoteness
 - may affect communications and trip arrangements
- National events
 - may draw away large population from outer islands e.g. coronation and church conference events in July
- Delays due to resources unavailability
 - unavailability of resources (human, funds, tools, etc.) may delay all planned census activities

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LESSONS LEARNT:

- Preparation time should be sufficient:
 - required much time in preparations (e.g. 2 3 years ahead in preparations)
 - public familiarisations with the questions to be asked
 - census promotions and publicity required much time
 - budget allocations should be in hand
- Stability of implementing staff to conduct the census
 - keep and use the same staff throughout the census during implementations
 - be neutral throughout the census period
- Get the right people, the right time, and right tools and equipments





- Give sufficient time in preparations for an agricultural census
- Promotion exercises and public programs should be very active in outlining the questions to be asked to get the public familiar with the questions as to give the most accurate information
- Carry out annual surveys between census years as to have estimated benchmark data for the next census program
- Reduce the gap of census interval to not more than 10 years period
- Require sufficient time for supervisors' and enumerators'
- training

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