TUVALU – POPULATION AND HOUSING CENSUS 2017[1] - AGRICULTURE AND FISHERIES MODULE - METADATA REVIEW

1. Historical outline

Agricultural modules were incorporated into the 2002, 2012 and 2017 Population and Houses Censuses (PHC), although in the first two the module was not processed, and the results were no published. The last one, conducted by the Central Statistics Division (CSD), was the fifth PHC since the country gained political independence in 1978 and it is to which the data and metadata presented here correspond.

2. Legal basis and organization

Legal framework

The PHC 2017 was conducted in accordance with:

- the Statistics Act of 1 February 1974, revised in 2008;
- the Census Act of 1 November 1946, revised in 2008; and
- the Tuvalu National Strategy for Development of Statistics 2020-2024, developed by the CSD of the Ministry of Finance (MOF)

Institutional framework and international collaboration

The PHC 2017 was organized and conducted by the CSD, affiliated to the Ministry of Finance. The PHC 2017 was jointly funded by the Government of Tuvalu, and the Government of Australia which provided the 40 percent of the total cost. The Pacific Community provided technical assistance on questionnaire design, sampling methodology, data processing and analysis. The analysis of agricultural data collected by the PHC 2017 was supported by FAO.

Census staff

The census personnel comprised 34 enumerators, 13 Supervisors and six headquarters staff.

3. Reference date and period

Reference day: 12 November 2017 for demographic characteristics of the households and number of livestock items.

Reference period: from 13 November 2016 to 12 November 2017 for temporary and permanent crops. For the trading of fish, the reference period was 30 days prior to 12 November 2017.

4. Enumeration period

The PHC enumeration fieldwork was conducted between 13 November and 1 December 2017.

5. Scope of the census and definition of the statistical unit

The *census scope* of the agricultural module covered activities in which households were engaged, including crop production and livestock rearing. Information on the fishery activities, more focused on the fish trade, and handicraft production of households was also collected.

The *statistical unit* in the PHC 2017 was the household, defined as a social unit consisting of a person living alone or a group of persons who sleep in the same housing unit and have a common arrangement in the preparation and consumption of food.

---

[1] The Census was named as Mini-Census (hereafter referred to as the Census) as it did not cover all of the usual processes required by a census.

Community-level data

There were no community-level data collected along with the census.

6. Census coverage

Geographic coverage

The PHC 2017 covered the entire country.

Cut-off threshold and other exclusions

Only those buildings which contain living quarters, whether occupied or vacant, were covered by the PCH 2017.

7. Methodology

Methodological modality for conducting the census

Agricultural-related data were collected by including an agricultural module with 19 questions in the PHC 2017.

Relation to other censuses

Agricultural data was collected as a module of the PHC 2017.

Frames

For the PHC 2017, the country was divided into Enumeration Areas (EA), the smallest geographical unit in which complete enumeration of all households, including those with agricultural activities, was conducted.

Complete or/and sample enumeration methods

The PCH 2017 was based on the complete enumeration of all households identified during the census enumeration.

Sample design

Not applicable.

Data collection methods

All data collection was carried out face-to-face by an interview using CAPI method.

Questionnaire(s) and items covered

One questionnaire was used in the PHC 2017 which included the agricultural module. The questionnaire covered 7 out of 23 essential items[2] recommended in the WCA 2020.

8. Use of technology

The CAPI (tablets) method was used for data collection. All field staff were provided with EA maps.

9. Data processing

The CSD was responsible for the enumeration, coding, editing, verification, and processing of all household questionnaires collected during the Census. Technical assistance and support in questionnaire design, data processing and analysis was provided by the Pacific Community. The data items were encoded and processed using the Census and Survey Processing System (CSPro)

---

[2] The following essential items were not covered: (i) 0103 Legal status of agricultural holder (type of holder); (ii) 0201 Total area of holding; (iii) 0202 Area of holding according to land use types; (iv) 0203 Area of holding according to land tenure types; (v) 0302 Area of land actually irrigated: fully controlled and partially controlled irrigation; (vi) 0402 Area of temporary crops harvested (for each temporary crop type); (vii) 0406 Area of productive and non-productive permanent crops in compact plantations (for each permanent crop type); (viii) 0407 Number of permanent crop trees in scattered plantings (for each tree crop); (ix) 0411 Use of each type of fertilizer; (x) 0501 Type of livestock system; (xi) 0503 Number of female breeding animals; (xii) 0601 Use of agricultural pesticides; (xiii) 0901 Whether working on the holding is the main activity; (xiv) 0902 Working time on the holding; (xv) 0903 Number and working time of employees on the holding by sex; and (xvi) 1201 Presence of aquaculture on the holding.

software package. Data analysis was undertaken using the Statistical Package for Social Sciences (SPSS) software.

10. Quality assurance

No information is available.

11. Data and metadata archiving

Data and metadata are available on the Pacific Community website (https://microdata.pacificdata.org/index.php/catalog/269).

12. Data reconciliation

There was no reconciliation process of PHC 2017 data.

13. Dissemination of census results and microdata

The PHC 2017 final report was released in December 2021 and is available on the CSD webpage (https://stats.gov.tv/documents-library/). The Tuvalu Agriculture and Fisheries Report based on the analysis of the PHC 2017 was released on February 2022. Census methodology and results were also disseminated in the Pacific Community website (https://microdata.pacificdata.org/index.php/catalog/269).

14. Data sources

Central Statistics Division of the Government of Tuvalu (CSD). 2021. *Tuvalu Agriculture and Fisheries Report.* Funafuti, Tuvalu. https://stats.gov.tv/news/tuvalu-agriculture-and-fisheries-report/

Pacific Community. 2019. *Population and Housing Census 2017: Tuvalu.* [online]. [Cited 11 January 2022]. https://microdata.pacificdata.org/index.php/catalog/269

15. Contact

Central Statistics Division
Address: Ministry of Finance, Vaiaku, Funafuti, Tuvalu
Telephone: (688) 20107 / 20260
E-mail: statistics@gov.tv
Website: https://stats.gov.tv/