



BACKGROUND: SOCIO-DEMOGRAPHIC & ECONOMIC SURVEY, 2022

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WHAT IS SDES?

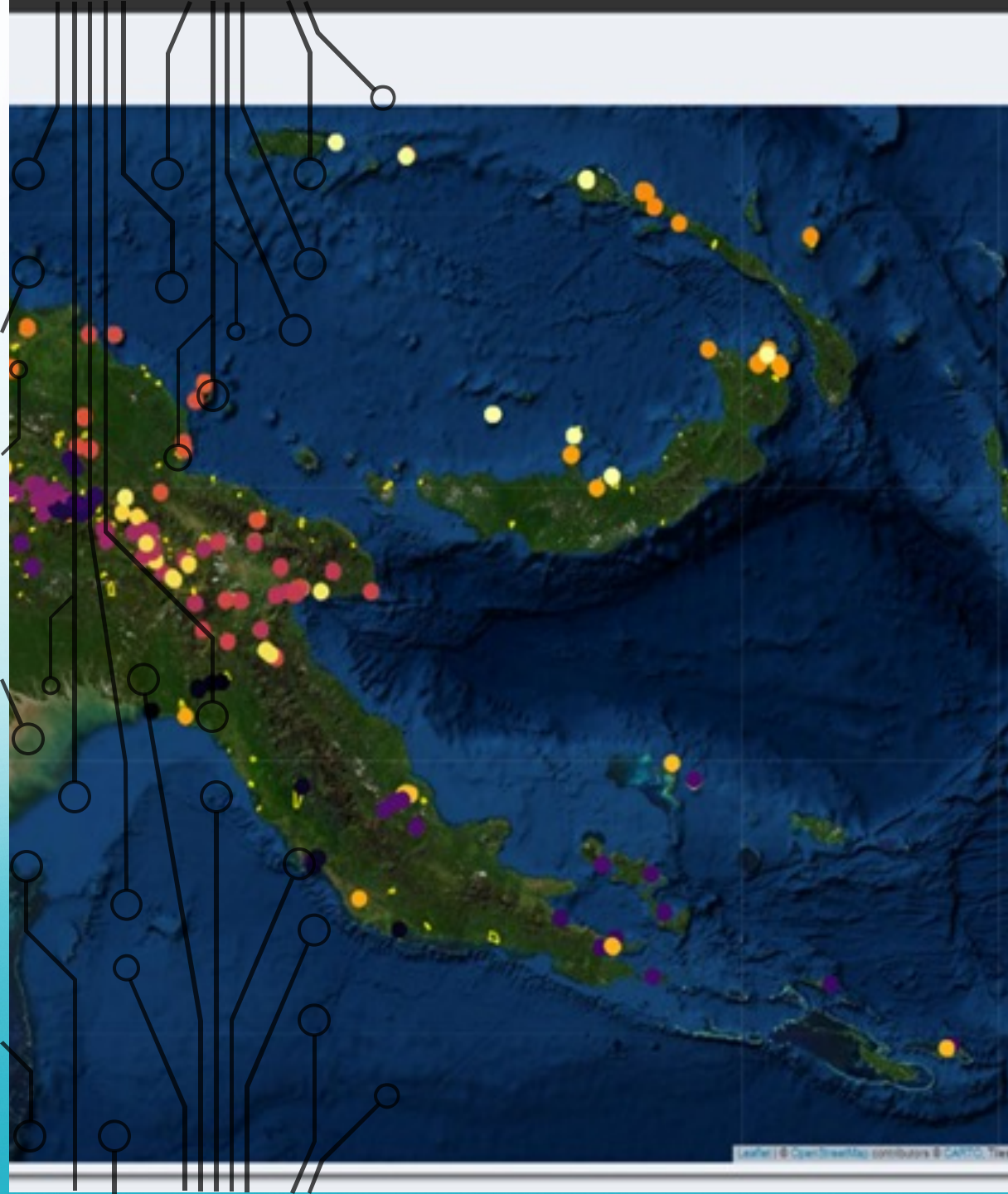
- SDES: Socio-Demographic and Economic Survey
- Nationally representative household survey designed to provide information on population, migration, education, labour and employment, fertility, disability, household, and housing characteristics



The background image shows a group of people in a rural setting. On the left, a man in a blue polo shirt and a camouflage cap stands. In the center, a man wears a blue and yellow striped beanie and a black t-shirt with a colorful geometric pattern. To his right, a man in a pink t-shirt stands. Further right, a woman in a white t-shirt with a logo stands. In the foreground, a person is crouching, holding a large bag of 'STAR RICE' which has an image of a rice field and the text 'NET WT. 10 KG. (22 lb.)'. Another person is crouching on the right, looking at a smartphone. The scene is outdoors with trees and a dirt path in the background.

SURVEY OBJECTIVES

- to generate essential key indicators as inputs in the preparation of national plans and programs for the well-being of the population
- to monitor the progress of development programs as stipulated in the Sustainable Development Goals (SDGs), Medium Term Development Plans, Vision 2050 and other national policies/plans and priorities.



SAMPLING DESIGN

- Used a stratified, two-stage cluster sampling method, with a third stage in very large CUs (Enumeration Areas selected within the sample CUs).
- Produced 43 strata, 22 provinces by urban/rural (National Capital District has only urban areas).
- Allocation was done proportionately according to size (in terms of the number of households).
- Thus, **335 CUs / clusters** were selected in the first- stage while a fixed number of 15 households per cluster were selected at the second stage resulting to a total sample size of **5,025 households**.

QUESTIONS & QUESTIONNAIRE DESIGN

Question	Major Topics	Information of	Indicators / Reference
1 to 6	Demographic characteristics	All Persons (Q5. Marital status: 10 years or older)	Indicators: <ul style="list-style-type: none"> - Population - Fertility - Mortality - Religion - Migration - Disability - Education - Labor and Employ't - Water & Sanitation - Housing <u>Indicators are referenced to:</u> <ul style="list-style-type: none"> - National Policies and Plans - SDG
7 to 8	Survivorship of parents	All persons	
9 to 11	Internal Migration	All Persons	
12	Functional Difficulty	Persons 5 years or older	
13 to 17	Education	Persons 5 years or older (Q15-17. Currently Attending School: 5 to 35 years only)	
18	Literacy	Persons 10 years or older	
19 to 28	Economic Characteristics	Persons 10 years or older	
29 to 35	Fertility	All Women 15 years or older (Q33-35. Birth of Last Child: 15 to 49 years only)	
36 (to 36F)	International Migration	Former Members of Households Now Living Abroad	
37 to 39(B)	Housing	Housing Characteristics	
40 to 47(B)	Household Characteristics	Household Characteristics	

QUESTIONS & QUESTIONNAIRE DESIGN



[ABOUT](#) [COVERAGE MAP](#) [DESIGNER](#) [DEMO SERVER](#) [DOCUMENTATION ▾](#) [SETUP](#)

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Survey Solutions now helps users to standup and manage their own cloud or local server, instead of provisioning one on their behalf. Please visit our [documentation](#) to find detailed guidance, cost planning tools and frequently asked questions. These will help you or your IT department to deploy a Survey Solutions server on your infrastructure and allow you to continue your data collection uninterrupted.

If you have an existing server with us, it will remain active throughout your stated planned collection period

[Server setup and configuration →](#)



What is Survey Solutions?

Survey Solutions is free software developed in the Data group of The World Bank.

<https://thedocs.worldbank.org/en/doc/186231611660731709-0050022021/original/overview.pdf>



DATA COLLECTION METHOD

- 2 mode data collection approach
- Collection of Listing data using pen-and-paper-interview (PAPI) approach
- Collections of SDES data using:
 - Computer-Assisted-Personal-Interview (CAPI) approach - use of tablets (recommended)
 - Allot questionnaires for Paper-and-Pen-Interview (extreme cases)
- 452 tablets procured for the CAPI approach

Socio-Demographic & Economic Survey (SDES) Training

PROGRAM

Day 1

Host Teams

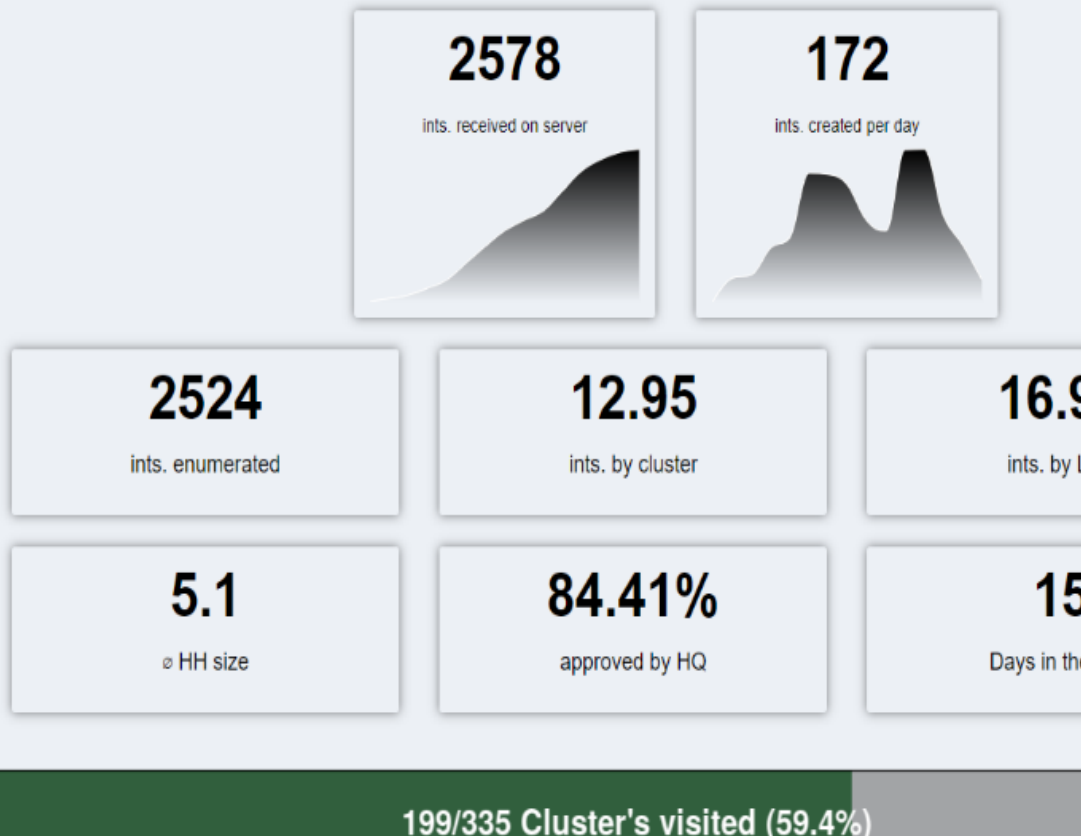
① Port

Time	Topic
8:30-8:55	Registration
8:55-9:00	Prayer
09:00-09:15	Opening Remark
09:15-09:30	Opening & Announcements
09:30-10:00	
10:00-10:15	
10:15-10:30	
10:30-10:45	
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23:45-24:00	

TRAINING OF FIELD STAFF

- Training strategy – 3 tiers;
 1. Training of Master Trainers at Port Moresby, 6 days
 2. Training of Provincial Trainers at Port Moresby, 11 days
 3. Training of interviewers and supervisors in provinces, 10 days
- 3rd Tier training consisted of 6 days training on concepts and definitions, 2 days on use of tablets, and 2 days for Supervisors roles and responsibilities
- Training consisted of understanding data collection concepts through paper-based approach, then CAPI approach; Methods of sample households selection; and Classroom and outdoor practical sessions
- Total of 500 personnel were trained including reserves

FIELD WORK – DATA COLLECTION



- Data collection was completed in 2 months (May to June 2022)
- It was carried out by 107 teams, each consisted of 3 interviewers and 1 supervisor. Total of 400 enumerators and supervisors were involved
- Monitoring of field work (call center and monitor/s assigned in each province)
- Monitoring of data collection (dashboard)



DATA PROCESSING

- Data collected using Survey Solutions CAPI software sent to Cloud Server
- Data downloaded from Cloud Server provided by SPC, then exported to Census and Survey Processing (CSPPro) software developed by US Census Bureau
- Checking of data submitted from field, identifying unique / valid households and removing invalid or duplicate households, coding of responses, consistency checks
- Tabulations – generating tables for data analysis and generation of key indicators

CHALLENGES



- Coverage: 95.8% (14 out of 335 clusters not accessed) due to security issues (tribal fights/lawlessness), and election related misconceptions.
- Manpower issues – field staff leaving the survey for election related activities
- logistics challenges: access to transport competing with intending candidates for the NGE
- Retrieval of tablets (52 units or 12 % of the total tablets not returned): stolen or field workers deliberately running away with it.

MILESTONES

- The SDES enumeration was successfully carried out in two months only, despite the challenges mentioned
- First time to use the tablets on a nationwide scale and has given NSO the experience to adopt the same technology in the Census
- Technical capacity building for NSO in the following areas:
 - Sampling design
 - Data processing
 - GIS/Mapping
 - Data Analysis and Dissemination



SUPPORTS RECEIVED

- UNFPA: technical support
- Australian Government Department of Foreign Affairs & Trade (DFAT): funding support
- Government of PNG (GoPNG): funding support (government counterpart)
- SPC (Pacific Community): Cloud Server to store the data sent from the field and technical assistance





THANK YOU

