

Tanzania National Panel Survey (TNPS) 2019/20 Wave 5

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Tanzania National Panel Survey (TNPS)

The National Panel Survey (NPS) is a nationally representative household survey to present the living standards of the population to track the growth and reduction of poverty

Launched in 2008 with support from Living Standards Measurements Survey – Integrated Survey on Agriculture (LSMS-ISA) programme at WorldBank and implemented by the Tanzania National Bureau of Statistics (NBS)

- Wave 1: 2008/09 (Oct 08 – Sep 09)
- Wave 2: 2010/11 (Oct 10 – Nov 11)
- Wave 3: 2012/13 (Oct 12 – Nov 13)
- Wave 4: 2014/15 (Oct 12 – Nov 13)
- **Wave 5: 2019/20 (Oct 14 – Nov 15)**

Wave 1: 2008/09 Total 3280HHs

Wave 2: 2010/11 Total 3846HHs

Wave 3: 2012/13 Total 5010HHs



Included split-off and absent households
(<96% capture)

Wave 4: 2014/15

‘Extended Panel’ 860HHs (randomly selected from Wave 3)

‘Refresh Panel’ 3360HHs (used the new population census frame)

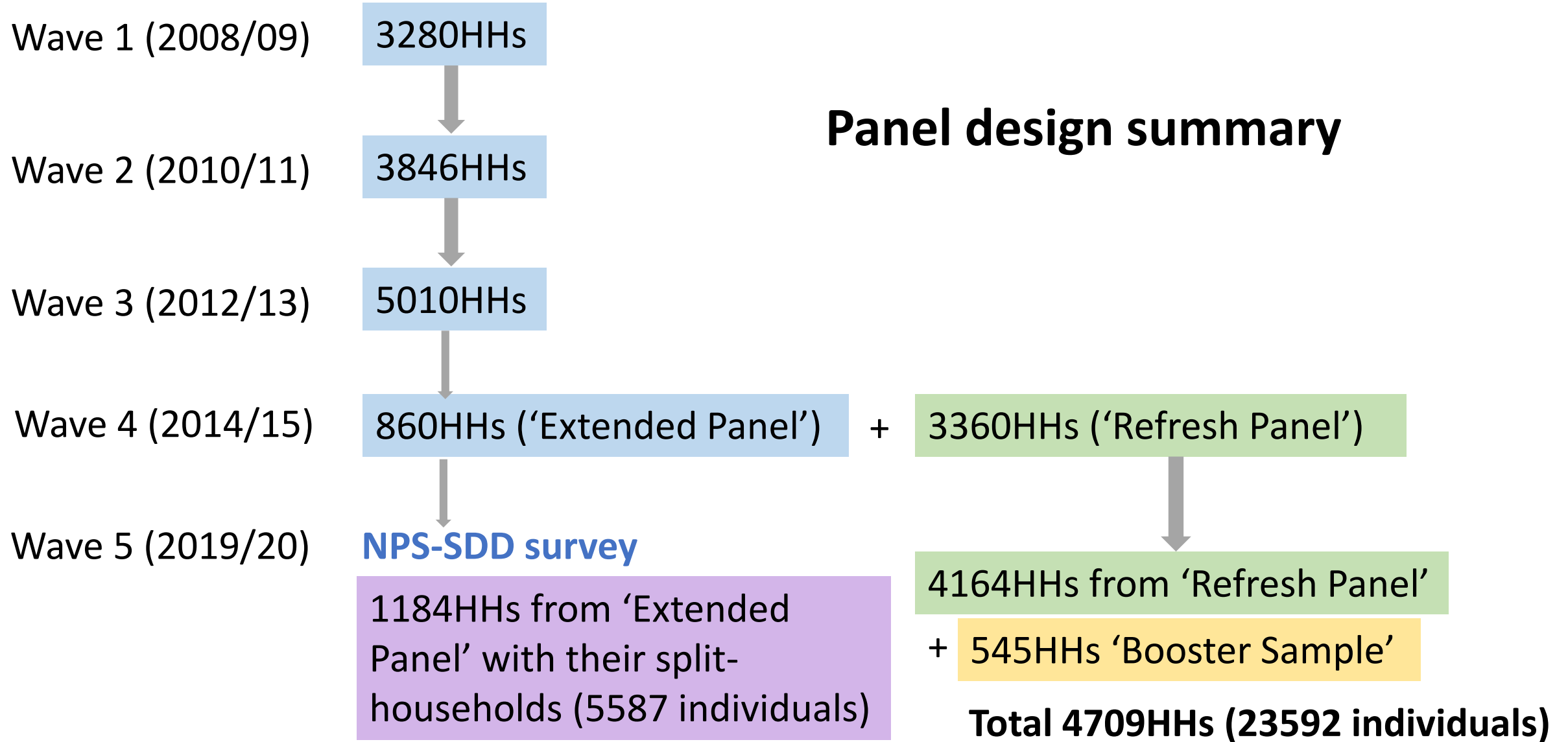
	Extended Panel		Refresh Panel	
	HHs	Clusters	HHs	Clusters
Tanzania	860	68	3360	420
Mainland	759	59	2880	360
Zanzibar	101	9	480	60

- Bias from attrition
- Changes in administrative boundaries, demographic shifts or updated population information

Wave 5: 2019/20 National Panel Survey and subset with sex-disaggregated data

- Sampled 4164HHs ('Refresh Panel' at W4 + W5 survey)
+ 545HHs (W5 only, adding 'Booster Sample' from major urban areas)
= **Total 4709HHs (23592 individuals)**
- **NPS with sex-disaggregated survey (NPS-SDD)**
An off-shot survey from 'extended panel' – 1184HHs (5587 individuals)
included split households
To improve individual-level data in education, health, time use and labour, asset ownership and rights particularly on dwelling, land, consumer durables (mobile phones) and financial assets
 - agricultural production
 - farm income generation
 - individual rights of plots
 - **consumption and expenditure**
 - socio-economic characteristics

Panel design summary



Obtaining TNPS W5 datasets

Step 1: Visit 'The Microdata Library' (<https://microdata.worldbank.org/>)

Step 2: Living Standards Measurement Study (LSMS) -> select country
'Tanzania' -> 'National Panel Survey 2020-2021, Wave 5'

- **Study description** - background, sampling, data collection etc.
- **Data description** - data description by files, variable information in each file
- **Documentation** - questionnaires, reports, technical documents
- **Get microdata** - download the dataset (need a registration)
Download '**Data in CSV Format**' -> open Zip folder -> put the files in R working directory

NPS-SDD included 4 survey instruments:

- Household Questionnaire
- Agriculture Questionnaire
- Livestock Questionnaire
- Community Questionnaire



Identify which variables are useful to conduct household food consumption data analysis

- 'Basic Information Document - Tanzania National Panel Survey (2020-21)'
- 'Tanzania National Panel Survey (NPS 2020/2021) - Household and Individual Questionnaire'

HOUSEHOLD QUESTIONNAIRE:

Section A:	Household Identification
Section B:	Household Member Roster/ Land Plot Roster
Section C:	Education
Section D:	Health
Section E:	Labour
Section F:	Food Consumed Outside the Household
Section G:	Subjective Welfare and Crime
Section G1:	Plot Details / Individual Rights to Plots
Section G2:	Financial Assets
Section G3:	Mobile Phone Ownership
Section H:	Food Security
Section I:	Housing, Water, and Sanitation / Handwashing
Section J:	Consumption of Food Over Past One Week
Section K:	Non-Food Expenditures – One Week/One Month
Section L:	Non-Food Expenditures – Twelve Months
Section M:	Household Assets
Section N:	Family / Household Non-Farm Enterprises
Section O:	Assistance and Groups
Section P:	Credit
Section Q:	Finance
Section R:	Recent Shocks to Household Welfare
Section S:	Deaths in Household
Section U:	Household Re-contact Information / Filters
Section V:	Anthropometry
Section WQT:	Water Quality Testing

SECTION J: CONSUMPTION OF FOOD OVER PAST ONE WEEK

QUESTIONS 3, 5, 6: USE CODES FROM QUESTION 2

[illegible]

0202	Cassava dry/flour		
0203	Sweet potatoes		
0204	Yams/cocoyams		
0205	Irish potatoes		
0206	Cooking bananas, plantains		
0207	Other starches		
Sugar and Sweets			
0301	Sugar		
0302	Sweets		
0303	Honey, syrups, jams, marmalade, jellies, canned fruit		
Pulses, Dry			
0401	Peas, beans, lentils and other pulses		
Nuts and Seeds			
0501	Groundnuts in shell/shelled		
0502	Coconuts (mature/immature)		
0503	Cashew, almonds and other nuts		
0504	Seeds and products from nuts/seeds (<i>excl.</i> cooking oil)		

Vegetables			
0601	Onions, tomatoes, carrots and green pepper, other viungo		
0602	Spinach, cabbage and other green vegetables		
0603	Canned, dried and wild vegetables		
Fruits			
0701	Ripe bananas		
0702	Citrus fruits (oranges, lemon, tangerines, etc.)		
0703	Mangoes, avocados and other fruits		
0704	Sugarcane		
Meat, meat products, fish			
0801	Goat meat		
0802	Beef including minced sausage		
0803	Pork including sausages and bacon		
0804	Chicken and other poultry		
0805	Wild birds and insects		

		(▶NEXT)	
0806	Other domestic/wild meat products		
0807	Eggs		
0808	Fresh fish and seafood (including dagaa)		
0809	Dried/salted fish and seafood (incl. dagaa)		
0810	Package/Canned fish		
<u>Milk and milk products</u>			
0901	Fresh milk		
0902	Milk products (like cream, cheese, yoghurt etc)		
0903	Canned milk/milk powder		
<u>Oil and fats</u>			
1001	Cooking oil		
1002	Butter, margarine, ghee and other fat products		
<u>Spices and other foods</u>			
1003	Salt		
1004	Other spices		
<u>Beverages</u>			
1101	Tea dry		

		(▶NEXT)	
1102	Coffee and cocoa		
1103	Other raw materials for drinks		
<u>Beverages</u>			
1104	Bottled/canned soft drinks (soda, juice, water)		
1105	Prepared tea, coffee		
1106	Bottled beer		
1107	Local brews		
1108	Wine and spirits		