



**APES WEEK 2019**

ASIA-PACIFIC ECONOMIC STATISTICS WEEK

Integrating economic statistics in monitoring the 2030 Agenda

# Improving data availability for economic empowerment of women in Sri Lanka: A study on data integration for monitoring the SDGs

**Parallel session 2.  
Integrating data to leave no one behind**

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## Research Question

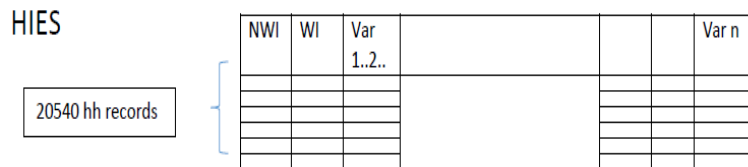
- *Can the data availability and its disaggregation be improved by combining two sources of information such as LFS and HIES?*

# Methodology

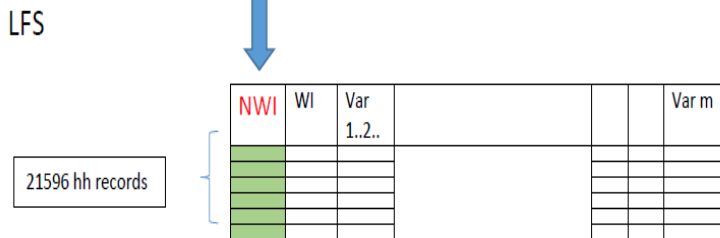
1. Estimating Non Wage Income (NWI) in the LFS

2. Combine the two datasets LFS (updated) and HIES using common variables

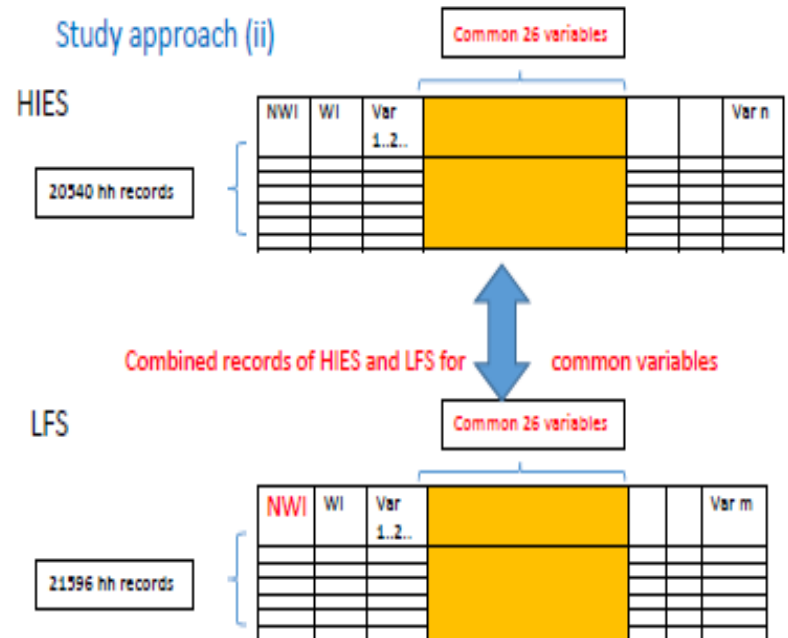
Study approach (i)



Estimated NWI onto 21596 records in LFS using a model developed in HIES



Study approach (ii)



## Results: Main Outcome

- Estimated an additional variable (NWI)
- Compute Total HH Income
- Enabled the identification of poverty within the context of labour force characteristics in the LFS.

Sample tabulations possible:

- *Sex of Head of HH by poverty status and secondary occupation status ('yes' or 'no')*
- *Sex of Head of HH by poverty status and number of hours worked per week (head as well as all HH members)*

## Results: Secondary Outcome

Combining HIES with LFS:

- ***increased the sample size (for common variables)***

Integrating the two databases for poor HHs:

- ***provided supplementary space for women's economic empowerment issues***

Sample Tabulation of poor FHH counts

District by Survey & Gender of HH head

DISTRICT	HIES		LFS	
	Male	Female	Male	Female
11	31	13	317	47
12	34	16	366	39
13	52	17	209	22
21	23	16	362	69
22	17	9	151	22
23	18	7	94	15
31	36	16	283	39
32	45	20	247	31
33	15	11	358	41
41	18	10	162	21
42	6	2	123	4
43	7	4	102	15
44	5	4	131	6
45	23	2	119	17
51	17	8	161	45
52	21	8	208	30
53	14	2	129	19
61	41	15	597	97
62	14	6	169	33
71	13	4	254	60
72	12	1	177	26
81	31	8	284	38
82	7	7	186	20
91	54	18	316	36
92	38	16	250	33

# Comment on Survey Data

- In LFS and HIES, there are several other proxy variables, but they cannot be utilized to combine these two data sets because of the difference in structuring of questions.

*Recommendation: For DCS (The National Statistics Office of Sri Lanka) to maintain coherence among surveys in terms of **definitions of variables and consistent designs in sample surveys** to facilitate further combining data across different surveys*