

# Distribution of socio-economic characteristics using VHLSS 2022 and 2023 data

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Table 1: Descriptive Statistics of Core Variables (VH22, VH23 and Both Years)

Variable -	Sample A (VH22)			Sample B (VH23)			Panel (A-B)		
	N	Mean	Std. Dev.	N	Mean	Std. Dev.	N	Mean	Std. Dev.
HH head is from an ethnic minority	13,885	0.360	0.480	6,397	0.370	0.483	5,728	0.393	0.488
Age of household head (in yrs)	13,885	52.024	12.221	6,397	52.004	12.542	5,728	51.846	12.127
Education of hh head: highest completed grade	12,940	7.595	3.052	6,397	14.501	24.336	5,285	7.579	3.071
Household size	13,885	4.011	1.676	6,397	4.025	1.688	5,728	4.091	1.682
% of households with female head	13,885	0.161	0.368	6,397	0.170	0.375	5,728	0.157	0.364
% of households with internet access	13,885	0.620	0.486	6,397	0.605	0.489	5,728	0.602	0.490
Annual income (in 1,000 VND)	13,885	144,210.500	128,272.300	6,397	145,626.300	123,935.200	5,728	143,926.000	122,666.800
Annual consumption (in 1,000 VND)	8,333	30,770.450	139,608.500	3,837	28,902.770	56,504.510	3,451	28,648.990	56,277.450
Area of land managed or used by hh (in ha)	13,739	0.967	1.594	6,052	0.998	1.720	5,671	1.014	1.725
Commune is labeled as poor (%)	12,684	0.247	0.431	5,858	0.238	0.426	5,281	0.251	0.433
Commune having main access road(%)	12,684	0.984	0.127	5,858	0.985	0.120	5,281	0.988	0.111
Distance from commune to main access road	209	2.441	1.502	85	1.871	1.110	66	1.636	0.905
Main access road is asphalt or cement	12,684	0.784	0.412	5,858	0.802	0.398	5,281	0.805	0.396
Main access road is tar on gravel	12,684	0.179	0.383	5,858	0.169	0.375	5,281	0.163	0.370
Main access road is gravel	12,684	0.018	0.132	5,858	0.012	0.109	5,281	0.013	0.113
Main access road is dirt or earth	12,684	0.020	0.139	5,858	0.017	0.129	5,281	0.018	0.134
Commune having daily market (%)	12,684	0.269	0.443	5,858	0.260	0.439	5,281	0.250	0.433
Commune having periodic market (%)	12,684	0.129	0.335	5,858	0.113	0.317	5,281	0.114	0.318
Commune having wholesale market (%)	12,684	0.037	0.189	5,858	0.033	0.179	5,281	0.031	0.174
Distance to daily market (in km)	9,275	7.002	9.501	4,335	7.290	9.808	3,961	7.520	10.054
Distance to periodic market (in km)	11,040	6.567	21.280	5,189	7.004	20.598	4,672	7.290	21.455
Distance to wholesale market (in km)	12,216	15.513	25.964	5,665	16.567	29.710	5,116	17.005	30.340
Commune having extension center (%)	12,684	0.053	0.225	5,858	0.034	0.181	5,281	0.033	0.179
Distance to extension center (in km)	12,006	13.844	12.286	5,659	14.133	12.065	5,107	14.374	12.278
Commune has a Plant Protection Staff	12,684	0.436	0.496	6,397	0.370	0.483	5,281	0.428	0.495

Table 2: Indexes

Correlates	Level	GSO file	GSO variable
1. HH head is from an ethnic minority (1 _Minority, 0 _)	Household	Ho_ThongTinHo	DANTOCCHUHO (need to convert)
2. Age of hh head (in years)	Household	Ho_ThanhVien	M1A_C5
3. Education: Highest completed grade of hh head	Household	Ho_ThanhVien	M2_C1
4. Household size	Household	Ho_ThanhVien	Self-calculated
5. % of households with female head (1=Female, 0=Male)	Household	Ho_extunderscore ThanhVien	M1A_C2 (need to convert)
6. % of hh with access to internet	Household	Ho_ThanhVien	M1A_C10
7. Annual income of the household (in 1,000 VND)	Household	Ho_ThanhVien	THUNHAP
8. Annual expense of the household (in 1,000 VND)	Household	Ho_ThanhVien	TONGCHITIEU
9. Total land area used or managed by hh (in ha)	Household	Ho_Muc4B0	M4B0_C3 (Need to convert)
10. Commune is labeled poor (%)	Commune	Xa_ThongTinXa	M1C14
11. Commune has main access road (%)	Commune	Xa_ThongTinXa	M5C4
12. Distance to the main access road	Commune	Xa_ThongTinXa	M5C5
13. Main access road is asphalt or cement (1=Asphalt, Cement, 0 = Other)	Commune	Xa_ThongTinXa	M5C7 (Option 1)
14. Main access road is tar of gravel (1=Tar on gravel, 0 = Other)	Commune	Xa_ThongTinXa	M5C7 (Option 2)
15. Main access road is gravel (1=Gravel, 0 = Other)	Commune	Xa_ThongTinXa	M5C7 (Option 3)
16. Main access road is dirth or earth (1=Dirth/Earth, 0 = Other)	Commune	Xa_ThongTinXa	M5C7 (Option 4)
17. Commune having daily market (%)	Commune	Xa_Muc5A	M5C24 (option 1)
18. Commune having periodic market (%)	Commune	Xa_Muc5A	M5C24 (option 2)
19. Commune having wholesale market (%)	Commune	Xa_extunderscore Muc5A	M5C24 (option 3)
20. Distance to nearest daily market (in km)	Commune	Xa_Muc5A	M5C25 (option 1)
21. Distance to nearest periodic market (in km)	Commune	Xa_Muc5A	M5C25 (option 2)
22. Distance to nearest wholesale market (in km)	Commune	Xa_Muc5A	M5C25 (option 3)
23. Commune having extension center (%)	Commune	Xa_extunderscore Muc4C	M4C26
24. Distance to nearest extension center (in km)	Commune	Xa_Muc4C	M4C27
25. Commune having a Plant Protection Staff (%)	Commune	Xa_Muc4C	M4C34

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