

Some information about Cost of Production survey and Agriculture Census in Viet Nam

General Statistics Office of Viet Nam

Daejeon – April, 2018



Overview of Viet Nam

Area: 330,000 square kilometer
Population: 92.7 million people
Population density: 274 person/km²
GDP: 205 billion USD
GDP per capital : 2215 USD
Export revenue : 176 billion USD
(in which: agro-product export: 25 billion USD)
Poverty rate: 8.4 %
(Source: year of 2016 from GSO)



Survey program in agriculture sector

1. The agricultural, rural and fishery census (every 5 years in past but now, every 10 years);
2. Crop area survey (season);
3. Crop yield survey (season);
4. Livestock survey (4 rounds);
5. Fishery survey (aquaculture: twice ; marine fishing survey: monthly);
6. Forestry survey (every year);



Objectives of cost of production survey

- ✓ Measure and provide detailed cost of specific items regarding production of paddy
- ✓ Give inputs to calculate total factor productivity of farming paddy
- ✓ To meet the need of policy-makers to identify the set of incentives and interventions that can help farmer to get enough profits and feel safety when they are involved in producing paddy (to maintain food security of nation)

** The cost of production survey was conducted by GSO in 2006. At present, GSO doesn't have cost of production survey.*



Sample unit

Cost survey was conducted in some provinces which was representative for regions in whole country. Viet Nam has 6 economic regions

- Red River Delta
- Northern Midland and Mountain Areas
- North Central and Central Coastal Areas
- Central Highlands
- South East
- Mekong River Delta

Number of sample units: 2000 households (for paddy);
1900 households (for pig); 500 households (for coffee)



Questionnaires

1. Identification Information:

- Full Name of household head
- Address
- Sex
- Ethnic group

2. Information of area

- Season
- Cultivated area
- Harvested area



Questionnaires

3. Production Information: total production of paddy under harvested area

4. List of cost of production

- Seed
 - + self produce
 - + buy or gift
- Fertilizer: ure, npk, manure,...
- Pesticide, insecticide,
- Fuel
- Electricity



Questionnaires (cont)

- Irrigation water
- Depreciation cost
- Repairs
- Insurance cost (if available)
- Rental land (including opportunity cost of land if household owned land)
- Interest on loan
- Custom operation: technical services, commercial drying,
- Hired machine without driver for production of paddy
- Transport



Questionnaires (cont)

- Labour cost
 - + Hired labour: preparation for land, harvesting, protection, etc
 - + Unpaid labour: preparation for land, harvesting, protection, etc
- (measured by hours * market price at local)



Cost of production per hectare of paddy

Items of cost	Total	Red river Delta	Mekong river Delta
- Seed			
- Fertilizer			
- Hired labour			
- Unpaid labour			
- Fuel, electricity			
- Repairs			
- Irrigation			
- Rental land			
- Interest on operating capital			
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Challenges

- Estimate unpaid labour cost: lack of information regarding market price for some locality, in which people do the farming work because they can't find other job.
- Respondents sometime answer question without concentration or they don't want spend more time for interviewing.
- Overload work, budget, or lack of educated enumerators,...



Major products would be conducted survey for cost of production

1. Paddy (by season)
2. Tea
3. Coffee
4. Pig
5. Chicken
6. Catfish
7. Shrimp



Agriculture, Rural and Fishery Census 2016

* *Reference date:*

July 1st, 2016

* *Reference time:*

July 1st, 2015 – June 30th, 2016

or official figures in 2015 depends on type of questionnaires

* 4 main questionnaires:

- - Household
- - Farm
- - Commune
- - Sample household



Agriculture, Rural and Fishery Census 2016

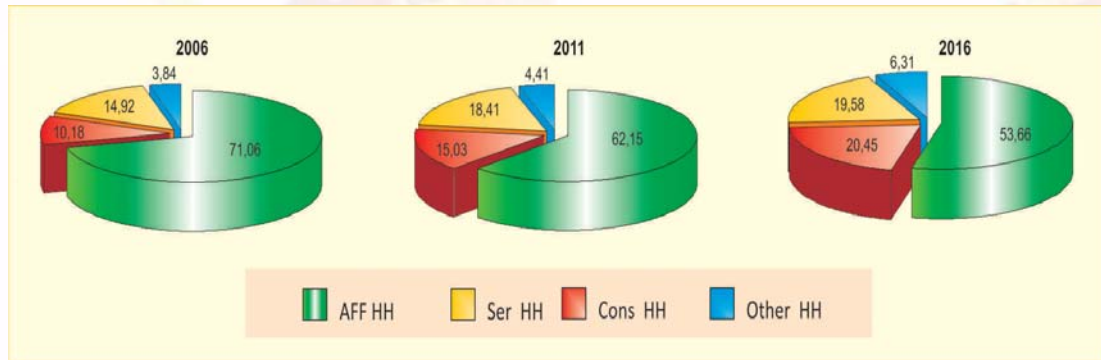
Table 1. The number of communes, villages, and rural households and population through the two Census rounds

	Unit	Number		2016 compared to 2011	
		2011	2016	Number	Rate (%)
Number of communes	Commune	9,071	8,978	-93	98.97
Number of villages	Village	80,904	79,898	-1,006	98.76
Number of households	Thousand of households	15,343.8	15,987.5	643.7	104.20
Rural Population	Thousand person	58,201.0	57,668.9	-532.1	99.09



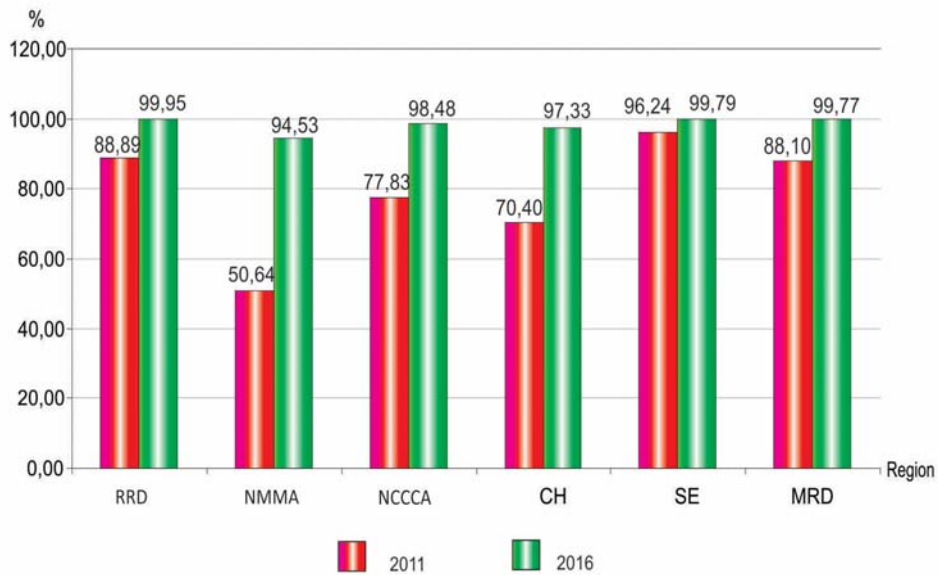
Agriculture, Rural and Fishery Census 2016

- Figure 2. The composition of households in rural areas through the three rounds of Census (%)



Agriculture, Rural and Fishery Census 2016

- Figure 3. The proportion of Commune People's Committee (CPC) Offices having Internet connection as on July 1st. 2016



Thank you for your attention!

