

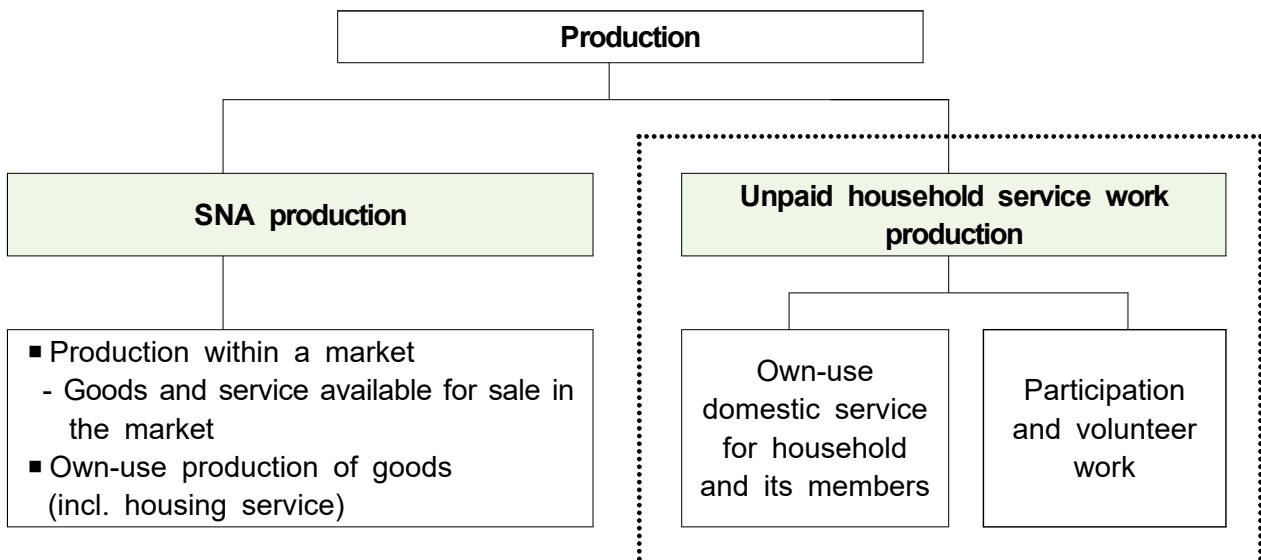


Household Production Satellite Account (1999~2014)

1. Overview

- The household production satellite account aims to provide basic data for establishing and evaluating economic growth and welfare policies by estimating the economic value of unpaid household service work. This satellite account was developed over two years from 2017 to 2018 and was first published as approved official statistics in October 2018.
- The household production satellite account is compiled every five years. This satellite account is derived statistics that are estimated using the Time Use Survey, the Labor Conditions Surveys by Employment Type, and the Household Income and Expenditure Surveys. The satellite account covers the domestic service work for a household and its members, community participation and volunteer activities that are not included in coverage of the System of National Accounts (SNA). The satellite account consists of output, intermediate consumption, value of unpaid household service work (compensation of employees) and consumption of fixed capital.

Production Boundary of the Household Production Satellite Account



2. Statistics

(1) Household Production Satellite Account

In 2014, household production amounted to 378.0 trillion won, of which the value of unpaid household service work accounted for 360.7 trillion won and consumption of fixed capital was 17.3 trillion won.

- Household production in 2014 was 378.0 trillion won, an increase of 33.3% compared to five years ago.
 - The value of unpaid household service work was 360.7 trillion won, up 33.3% compared to five years ago.
 - Consumption of fixed capital was 17.3 trillion won, up 4.2 trillion won or 32.3% compared to five years ago.
- Output in 2014 was 494.1 trillion won, up 32.6% compared to five years ago.
 - Output(494.1 trillion won) = Household production(378.0 trillion won) + Intermediate consumption(116.1 trillion won)

Household Production Satellite Account

(in billion won, %)

	Estimated value				% change		
	1999	2004	2009	2014	2004	2009	2014
Output	206,847	281,303	372,559	494,050	36.0	32.4	32.6
Intermediate consumption	55,460	70,799	88,892	116,053	27.7	25.6	30.6
Value added (household production)	151,386	210,504	283,667	377,997	39.1	34.8	33.3
Value of unpaid household service work (compensation of employees)	144,995	201,302	270,620	360,730	38.8	34.4	33.3
Consumption of fixed capital	6,391	9,202	13,047	17,267	44.0	41.8	32.3

(2) Valuing Unpaid Household Service Work

The economic value of unpaid household service work in 2014 was 360.7 trillion won (24.3% of nominal GDP).

- In 2014, the value of unpaid household service work was 360.7 trillion won, up 33.3% compared to five years ago. It accounted for 24.3% of nominal GDP in 2014.
 - Compared to five years ago, the ratio of household service work to nominal GDP decreased by 2.1%p to 23.0% in 2004, and increased to 23.5% in 2009 and 24.3% in 2014.

- The value of unpaid household service work per person in 2014 was 7.1 million won, up 29.5% compared to five years ago.

Value of unpaid household labor and its change

(in billion won, thousand won, %)

	Estimated value				% change		
	1999	2004	2009	2014	2004	2009	2014
Value of unpaid household labor(1)	144,995	201,302	270,620	360,730	38.8	34.4	33.3
Nominal GDP(2)	576,873	876,033	1,151,708	1,486,079	51.9	31.5	29.0
Value of unpaid household labor to nominal GDP ((1)/(2)×100)	25.1	23.0	23.5	24.3			
Value of unpaid household labor per person*	3,110	4,187	5,488	7,108	34.6	31.1	29.5
Per person GNI**(nominal)	12,231	18,182	23,302	29,377	48.7	28.2	26.1

* Per person indicators (unpaid household labor value, GNI) are based on the Population Projection

** GNI: Gross National Income

(3) Valuing Unpaid Household Service Work by gender

In 2014, the value of unpaid household service work increased 38.5% for males and increased 31.7% for females compared to five years ago.

The composition ratio of males to the total value continued to increase, while that of females declined.

- In 2014, the value of unpaid household service work reported 88.3 trillion won for males and 272.5 trillion won for females, up 38.5% and 31.7%, respectively, compared to five years ago.

Changes in the value of unpaid household service work by gender

(in billion won, %)

	Value of unpaid household service work				Rate of change			Avg. of % change
	1999	2004	2009	2014	2004	2009	2014	
Total	144,995	201,302	270,620	360,730	38.8	34.4	33.3	35.5
- Men	29,142	46,197	63,744	88,265	58.5	38.0	38.5	44.7
- Women	115,853	155,105	206,876	272,465	33.9	33.4	31.7	33.0

Key Indicators

(in billion won, %)

	Value of unpaid household service work				Rate of change		
	1999	2004	2009	2014	2004	2009	2014
Value added (household production)	151,386	210,504	283,667	377,997	39.1	34.8	33.3
Value of unpaid household service work (compensation of employees)	144,995	201,302	270,620	360,730	38.8	34.4	33.3
Consumption of fixed capital	6,391	9,202	13,047	17,267	44.0	41.8	32.3
Value of unpaid household service work as a percentage of GDP(%)	25.1	23.0	23.5	24.3			

Composition of household service work and its change by major variables

(%)

		Composition ratio				Rate of change		
		1999	2004	2009	2014	2004	2009	2014
Value of unpaid household service work		100.0	100.0	100.0	100.0	38.8	34.4	33.3
Activity	Household care	59.7	59.5	61.5	62.8	38.5	39.0	36.1
	Family and household member care	29.3	28.6	27.3	25.9	35.8	28.1	26.8
	Voluntary work and community participation	1.2	1.1	0.8	1.4	31.0	3.2	128.1
	Travel (household care, caring)	9.9	10.8	10.3	9.8	50.9	29.3	26.1
Gender	Males	20.1	22.9	23.6	24.5	58.5	38.0	38.5
	Females	79.9	77.1	76.4	75.5	33.9	33.4	31.7
Age group	Ages 15 ~ 29	20.6	14.2	11.6	8.9	-4.6	10.0	2.2
	Ages 30 ~ 39	33.6	33.5	31.0	28.9	38.6	24.5	24.0
	Ages 40 ~ 49	18.3	22.1	22.8	22.4	67.0	39.0	31.1
	Ages 50 ~ 59	12.7	13.2	15.5	17.6	44.6	57.5	51.3
	Ages 60 and older	14.8	17.0	19.1	22.2	59.9	50.5	55.3
Number of household members	1 person	-	4.7	6.1	7.4	-	75.8	60.2
	2 persons	-	12.3	15.8	16.1	-	72.0	35.8
	3 persons	-	22.6	24.5	27.7	-	45.7	50.7
	4 persons	-	40.3	35.3	33.6	-	17.8	26.8
	5 persons or more	-	20.1	18.2	15.3	-	22.3	11.4
Employment	Employed	42.4	45.0	44.6	45.6	47.4	33.0	36.6
	Unemployed	57.6	55.0	55.4	54.4	32.5	35.6	30.7
Marital status	Unmarried	7.9	7.7	7.5	8.2	34.8	30.8	47.0
	Married	92.1	92.3	92.5	91.8	39.2	34.7	32.2