



# 2019 Household Production Satellite Account

## 1. Household Production Satellite Account

- Household production in 2019 was 516.9 trillion won, an increase of 36.6% compared to five years ago.
  - The value of unpaid household service work was 490.9 trillion won, up 35.8% compared to five years ago.
  - Consumption of fixed capital was 26.0 trillion won, up 54.4% compared to five years ago.
- Output in 2019 was 656.5 trillion won, up 32.8% compared to five years ago.
  - Output (656.5 trillion won) = Household production (516.9 trillion won) + Intermediate consumption (139.6 trillion won)

### < Household Production Satellite Account >

(in billion won, %)

	Estimated value				% change		
	2004	2009	2014	2019	2009	2014	2019
Output	281,453	372,445	494,475	656,476	32.3	32.8	32.8
Intermediate consumption	71,969	89,398	116,163	139,605	24.2	29.9	20.2
Value added (household production)	209,484	283,047	378,312	516,871	35.1	33.7	36.6
Value of unpaid household service work (compensation of employees)	200,538	270,348	361,502	490,919	34.8	33.7	35.8
Consumption of fixed capital	8,947	12,699	16,810	25,952	41.9	32.4	54.4

## 2. Valuing Unpaid Household Service Work

- In 2019, the value of unpaid household service work was 490.9 trillion won, up 35.8% compared to five years ago. It accounted for 25.5% of nominal GDP in 2019.
  - While the ratio of household service work to nominal GDP increased to 23.1% in 2014 compared to 2009, this ratio expanded to 25.5% in 2019 compared to 2014.
- The value of unpaid household service work per person in 2019 was 9.5 million won, up 33.3% compared to five years ago.

### < Value of unpaid household labor and its change>

(in billion won, thousand won, %)

	Estimated value				% change			
	2004	2009	2014	2019	2009	2014	2019	
Value of unpaid household labor (1)	200,538	270,348	361,502	490,919	34.8	33.7	35.8	
Nominal GDP (2)	908,439	1,205,348	1,562,929	1,924,498	32.7	29.7	23.1	
Value of unpaid household labor to nominal GDP ((1)/(2)×100)	22.1	22.4	23.1	25.5				
Value of unpaid household labor per person*	Total	4,171	5,483	7,124	9,494	31.5	29.9	33.3
	Men	1,888	2,571	3,480	5,205	36.1	35.4	49.6
	Women	6,485	8,423	10,788	13,802	29.9	28.1	27.9
Per person GNI**(nominal)	18,861	24,407	30,948	37,539	29.4	26.8	21.3	

\* 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 Activity and Gender

- In 2019, the value of household service work for 'Household care' and 'Travel related to household care and caring' increased by 44.3% and 43.0%, respectively, compared to five years ago.

#### < Change in household service work and its composition by activity>

(%)

	Rate of change			Composition			
	2009	2014	2019	2004	2009	2014	2019
Value of unpaid household service work	34.8	33.7	35.8	100.0	100.0	100.0	100.0
- Household care	39.2	36.3	44.3	59.6	61.5	62.7	66.6
- Family and household member care	28.2	27.8	14.3	28.9	27.5	26.3	22.1
- Voluntary work and community participation	3.3	128.1	10.7	1.1	0.8	1.4	1.2
- Travel related to household care and caring	31.4	26.5	43.0	10.4	10.1	9.6	10.1

- In 2019, the value of unpaid household service work recorded 134.9 trillion won for males and 356.0 trillion won for females, up 52.3% and 30.4%, respectively, compared to five years ago.

#### < Change 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
	2004	2009	2014	2019	2009	2014	2019	
Total	200,538	270,348	361,502	490,919	34.8	33.7	35.8	35.8
- Men	45,721	63,690	88,554	134,877	39.3	39.0	52.3	46.9
- Women	154,817	206,658	272,948	356,041	33.5	32.1	30.4	32.5

## Key Indicators

(in billion won, %)

	Value of unpaid household service work				Rate of change		
	2004	2009	2014	2019	2009	2014	2019
Value added (household production)	209,484	283,047	378,312	516,871	35.1	33.7	36.6
Value of unpaid household service work (compensation of employees)	200,538	270,348	361,502	490,919	34.8	33.7	35.8
Consumption of fixed capital	8,947	12,699	16,810	25,952	41.9	32.4	54.4
Value of unpaid household service work as a percentage of GDP(%)	22.1	22.4	23.1	25.5			

### < Change in household service work and its composition by major variables >

(%)

		Rate of change			Composition			
		2009	2014	2019	2004	2009	2014	2019
Value of unpaid household service work		34.8	33.7	35.8	100.0	100.0	100.0	100.0
Activity	Household care	39.2	36.3	44.3	59.6	61.5	62.7	66.6
	Family and household member care	28.2	27.8	14.3	28.9	27.5	26.3	22.1
	Voluntary work and community participation	3.3	128.1	10.7	1.1	0.8	1.4	1.2
	Travel related to household care and caring	31.4	26.5	43.0	10.4	10.1	9.6	10.1
Gender	Males	39.3	39.0	52.3	22.8	23.6	24.5	27.5
	Females	33.5	32.1	30.4	77.2	76.4	75.5	72.5
Age group	Ages 15 ~ 29	11.2	2.2	25.5	13.9	11.5	8.8	8.1
	Ages 30 ~ 39	24.5	24.1	8.9	33.7	31.1	28.9	23.1
	Ages 40 ~ 49	39.7	31.7	37.8	22.1	22.9	22.6	22.9
	Ages 50 ~ 59	57.3	52.2	41.6	13.2	15.4	17.6	18.3
	Ages 60 and older	50.7	55.8	68.2	17.1	19.1	22.2	27.5
Number of household members	1 person	76.2	59.6	79.7	4.7	6.1	7.3	9.7
	2 persons	71.7	35.7	66.8	12.3	15.6	15.9	19.5
	3 persons	46.1	50.2	38.0	22.7	24.6	27.7	28.1
	4 persons	18.5	27.5	21.3	40.3	35.4	33.7	30.1
	5 persons	22.5	13.0	10.8	20.0	18.2	15.4	12.6
Employment	Employed	33.2	37.1	42.7	45.2	44.7	45.8	48.1
	Unemployed	36.2	31.0	30.0	54.8	55.3	54.2	51.9
Marital status	Unmarried	33.5	46.1	54.1	7.5	7.5	8.1	9.2
	Married	34.9	32.7	34.2	92.5	92.5	91.9	90.8