# Agriculture, Forestry and Fishery Survey in 2019

Farm, Forest and Fishery Household and Population

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◯ As of December 1, 2019, the number of farm households was 1.007 million. The number of fishery households (excluding inland waters fisheries) was 51 thousand. The number of forest households was 80 thousand.

- Compared to 2018, the number of farm, fishery and forest households dropped by 1.3%, 1.1% and 2.6%, respectively.

Size of farm, fishery and forest households (2018-2019)
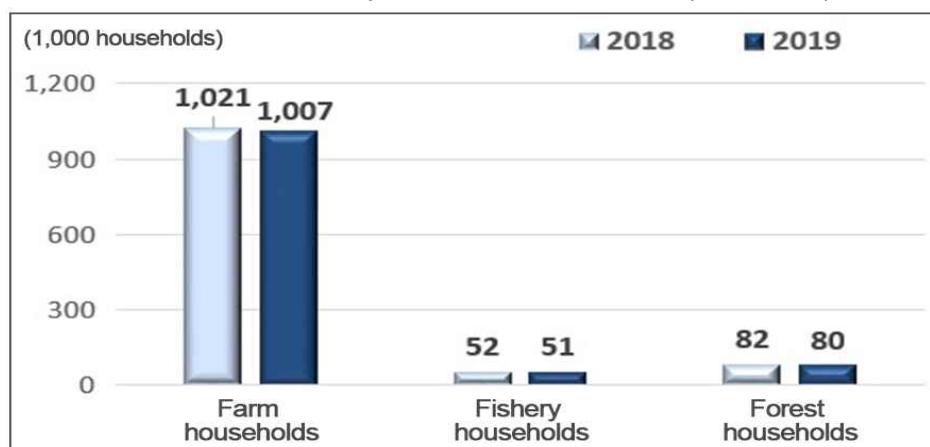
◯ The farm household population was 2.245 million persons. The fishery household population (excluding inland waters fisheries) was 114 thousand persons. The forest household population was 178 thousand persons.

- Compared to 2018, the farm, fishery and forest household population fell by 3.0%, 2.6% and 5.7%, respectively.

Size of farm, fishery and forest household population (2018-2019)
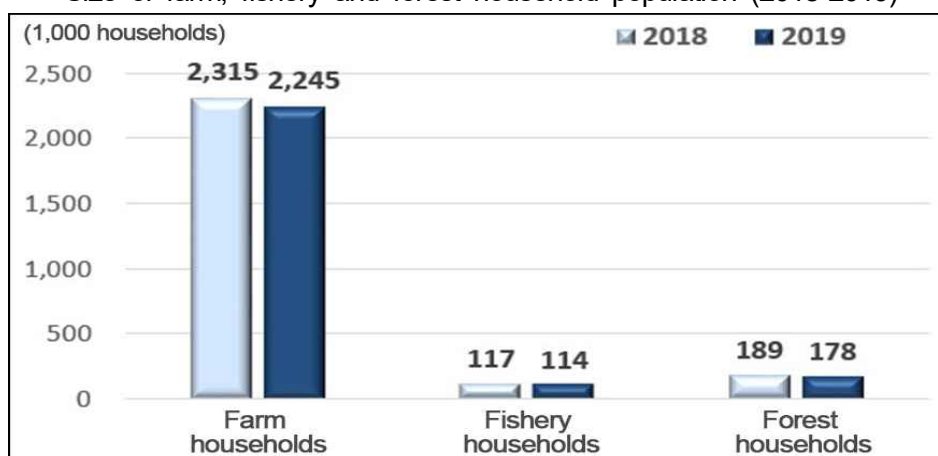
Two-person households were the main type of farm, fishery and forest households.
The proportion of the aged population showed a steadily increasing trend.

❍ Two-person households were the main type of farm, fishery and forest households.

- Two-person households occupied 55.8% of the total farm households, 58.1% of the total fishery households and 61.2% of the total forest households.

※ In 2019, two-person households occupied 27.5% of the total households of the nation.

Proportion of two-person households (2018-2019)
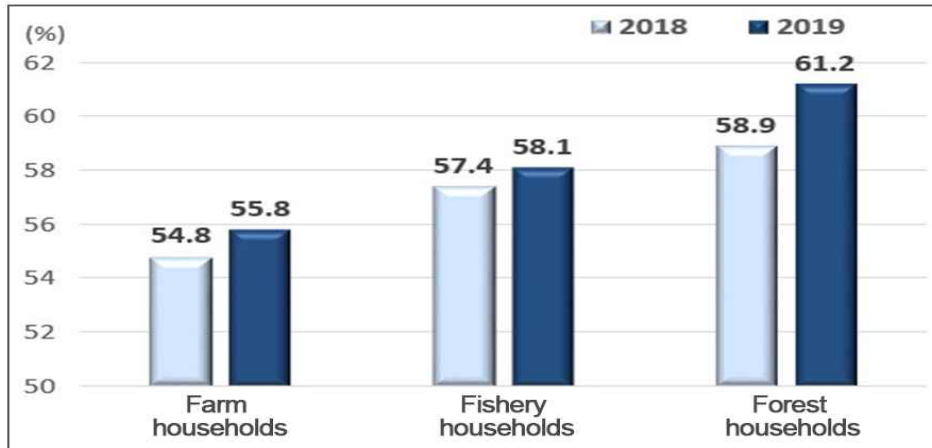
❍ The aged population (65 or more) occupied 46.6% of the total farm household population, 39.2% of the total fishery household population and 44.8% of the total forest household population.

※ In 2019, the aged population occupied 14.9% of the total population of the nation.

Share of the aged population in the total farm households (2019)
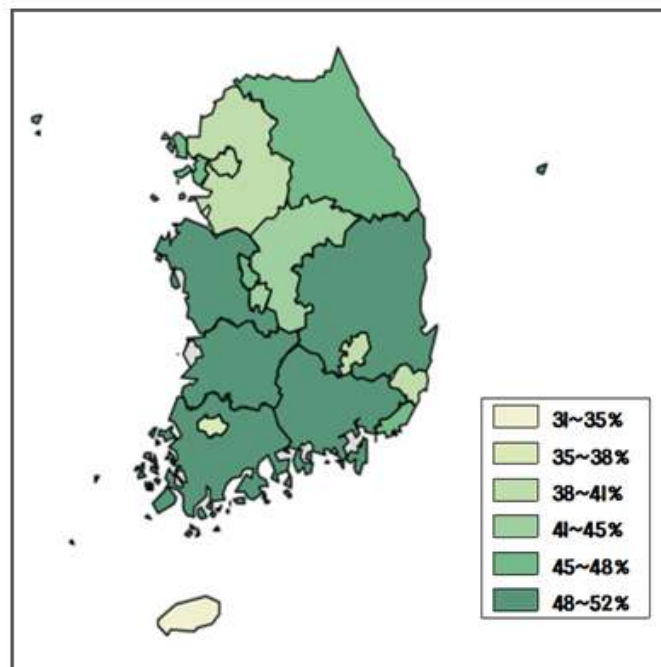
Agriculture

As for farm households by province, Gyeongbuk (175 thousand households) recorded the highest figure, which was followed by Jeonnam and Gyeongnam.

❍ As for farm households by province, Gyeongbuk recorded the highest figure of 175 thousand households, which was followed by Jeonnam (144 thousand households) and Gyeongnam (122 thousand households).

- Compared to the previous year, Gyeonggi showed the highest decrease (-3.4%) in farm households, which was followed by Chungnam (-2.9%) and Gangwon (-1.7%).

Size of farm households by province (2018-2019)
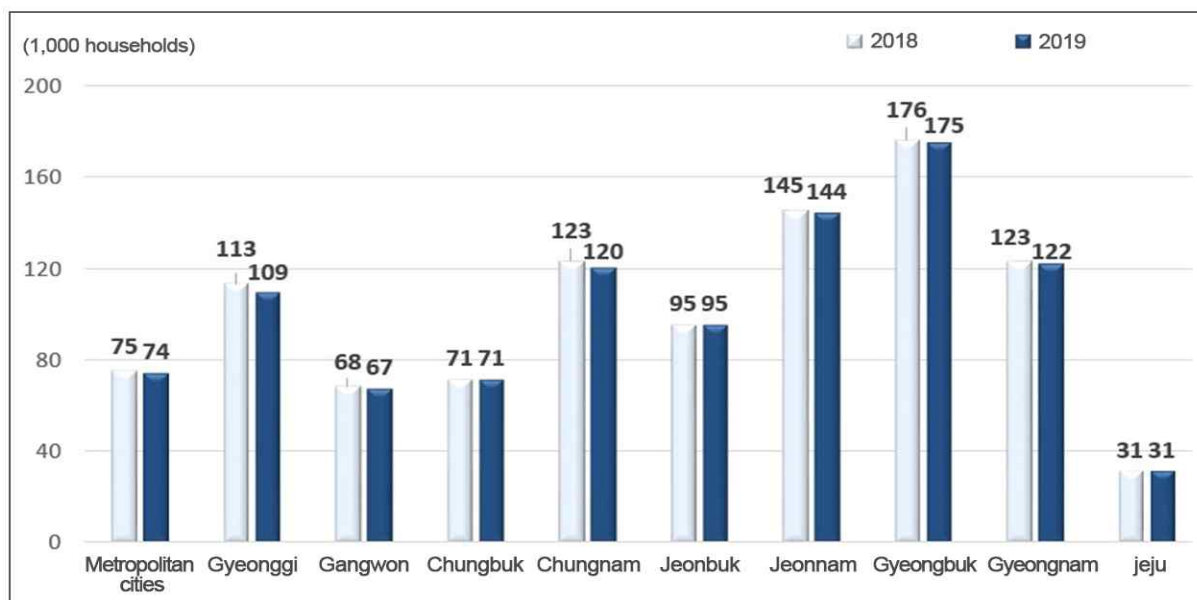
Full-time farm households accounted for 57.9% of the total farm households. Part-time farm households accounted for 42.1% of the total farm households.

❍ Full-time farm households recorded 583 thousand households, which occupied 57.9% of the total farm households. Part-time farm households recorded 424 thousand households, which occupied 42.1% of the total farm households.

- Compared to the previous year, the share of full-time farm households rose by 1.1%p, while that of part-time farm households fell by 1.1%p.
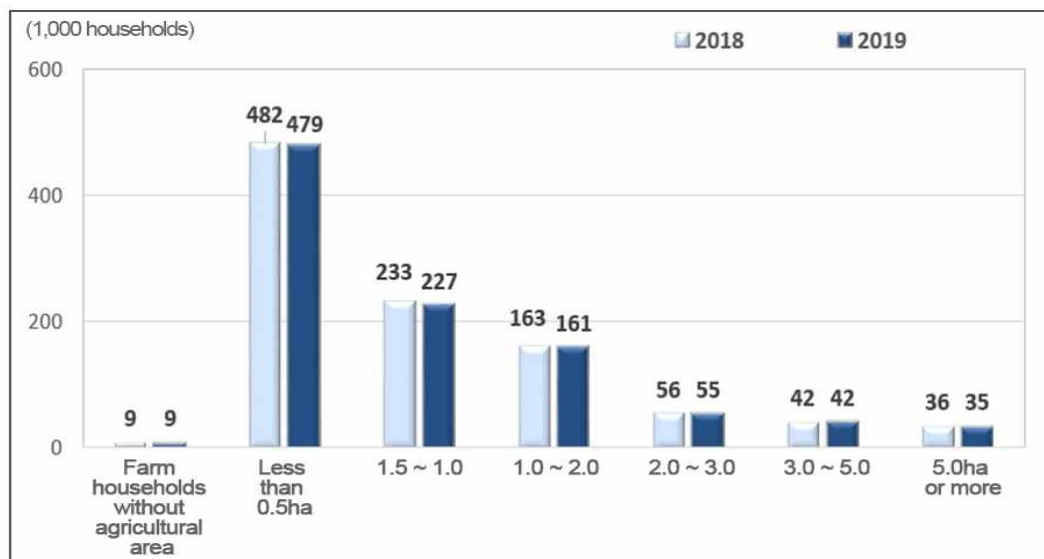
Composition of farm households by type (2018-2019)

	Full-time farm households	Class I part-time farm households	Class II part-time farm households
2018	56.8	11.4	31.8
2019	57.9	10.6	31.6

Farm households with agricultural area of 'less than 1.0ha' marked 705 thousand households, which accounted for 70.0% of the total farm households.

❍ Farm households with agricultural area of 'less than 1.0ha' marked 705 thousand households, which accounted for 70.0% of the total farm households. Farm households with agricultural area of '3.0ha or more' marked 77 thousand households, which accounted for 7.7% of the total farm households.

- Farm households with agricultural area of '5ha or more' marked 35 thousand, which accounted for 3.5% of the total farm households.

Farm households by size of agricultural area (2018-2019)

(1,000 households)

	2018	2019
Farm households without agricultural area	9	9
Less than 0.5ha	482	479
1.5 ~ 1.0	233	227
1.0 ~ 2.0	163	161
2.0 ~ 3.0	56	55
3.0 ~ 5.0	42	42
5.0ha or more	36	35

Farm households growing food grains showed a year-on-year increase. Whereas, farm households growing 'Medicinal crops' and 'Vegetables and wild greens' showed a year-on-year decrease.

❍ As for farm households by farming management type, farm households growing paddy rice (39.1%) occupied the largest share, which was followed by those growing vegetables and wild greens (22.8%) and those growing fruits (16.9%).

- Compared to the previous year, farm households growing 'Food grains' rose by 6.7%. Whereas, farming households growing 'Medicinal crops' and 'Vegetables and wild greens' dropped by 10.8% and 10.0%, respectively.

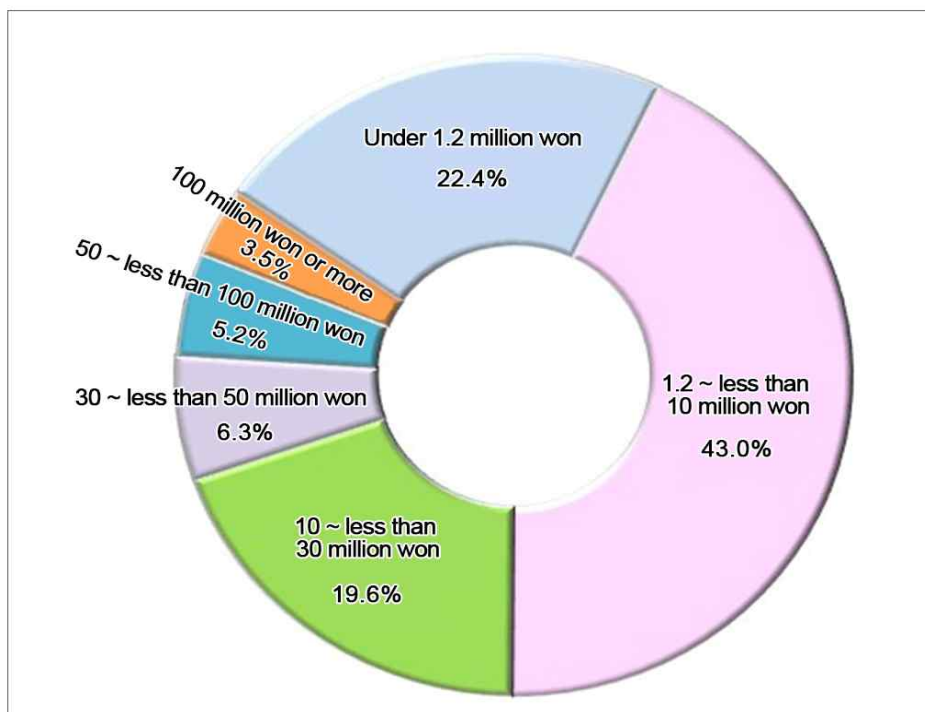Composition of farm households by farming management type (2018-2019)
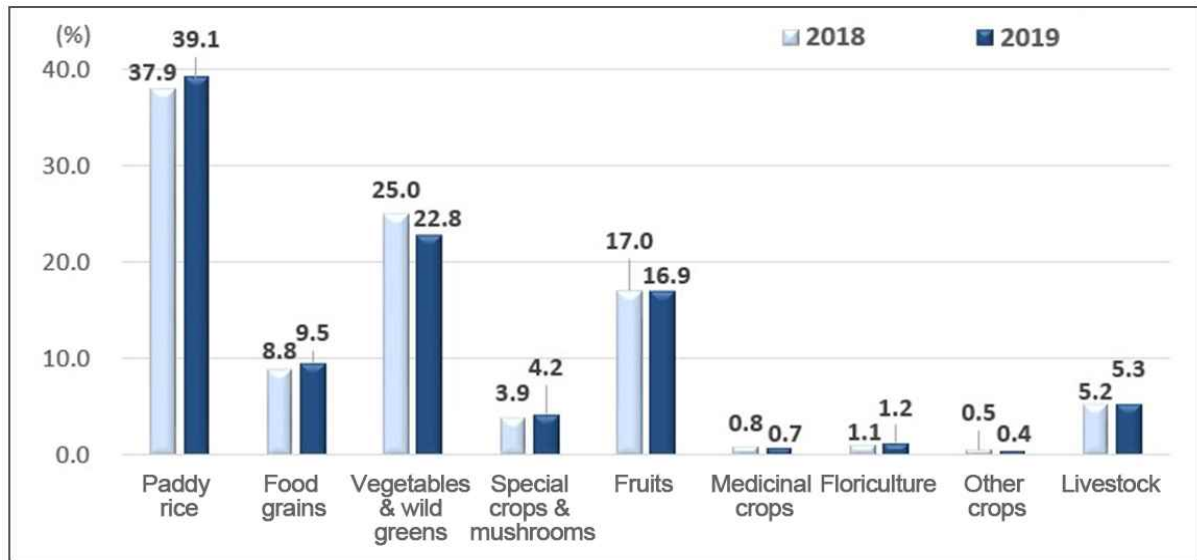
❍ As for farm households by farming management type and province, 'Paddy rice' recorded the highest share of farm households in Chungnam (17.1%). 'Vegetables and wild greens' recorded the highest share of farm households in Gyeongnam (15.7%). 'Fruits' recorded the highest share of farm households in Gyeongbuk (30.9%).

- 'Food grains' recorded the highest share of farm households in Gangwon (16.1%). 'Livestock' recorded the highest share of farm households in Gyeongbuk (20.0%).

> Farm households whose annual sales totaled 100 million won or more occupied 3.5% of the total farm households.

❍ Farm households whose annual sales totaled under 10 million won occupied 65.3% of the total farm households. Farm households whose annual sales totaled 100 million won or more occupied 3.5% of the total farm households.

- Compared to the previous year, the share of farm households recording annual sales of '100 million won or more' and '50 million won ~ less than 100 million won' fell by 0.1%p and 0.3%p, respectively.
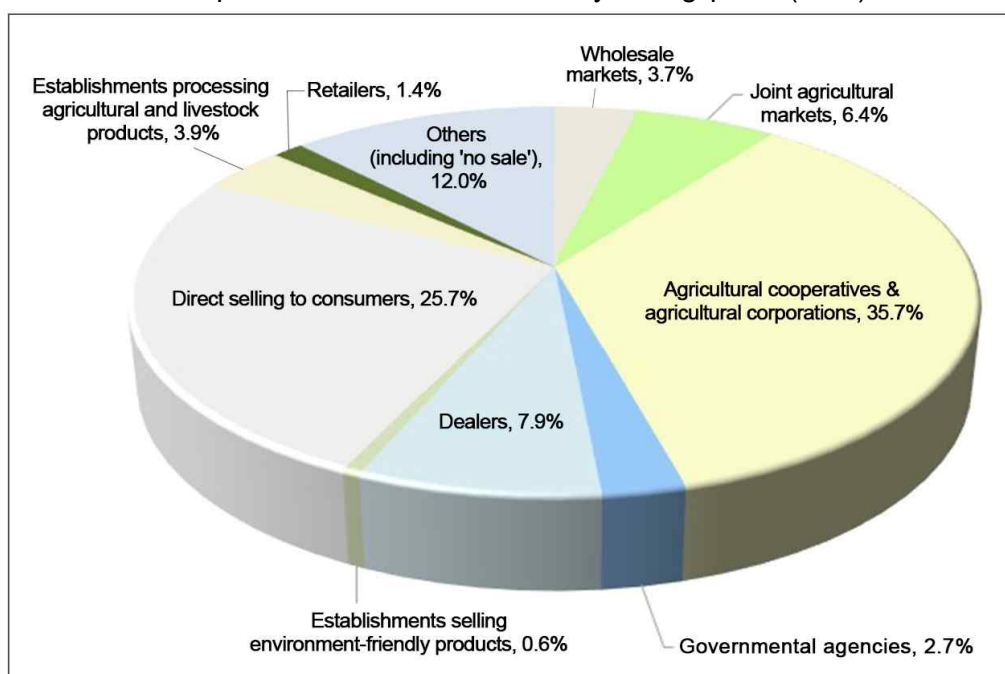
Composition of farm households by size of annual sales (2019)

- Under 1.2 million won 22.4%
- 1.2 ~ less than 10 million won 43.0%
- 10 ~ less than 30 million won 19.6%
- 30 ~ less than 50 million won 6.3%
- 50 ~ less than 100 million won 5.2%
- 100 million won or more 3.5%

As for places for selling agricultural and livestock products, 'Agricultural cooperatives & agricultural corporations' occupied the highest share (35.7%).

○ As for places for selling agricultural and livestock products, 'Agricultural cooperatives & agricultural corporations' occupied the largest share at 35.7%, which was followed by 'Direct selling to consumers' (25.7%).

  - Compared to the previous year, 'Agricultural cooperatives & agricultural corporations' and 'Joint agricultural markets' rose by 5.5% and 1.8%, respectively.

## Composition of farm households by selling place (2019)

- Establishments processing agricultural and livestock products, 3.9%
- Retailers, 1.4%
- Wholesale markets, 3.7%
- Joint agricultural markets, 6.4%
- Others (including 'no sale'), 12.0%
- Agricultural cooperatives & agricultural corporations, 35.7%
- Direct selling to consumers, 25.7%
- Dealers, 7.9%
- Establishments selling environment-friendly products, 0.6%
- Governmental agencies, 2.7%

As for fishery households by province, Jeonnam (19 thousand households) recorded the highest figure, which was followed by Chungnam and Gyeongnam.

○ As for fishery households by province, Jeonnam recorded the highest figure (19 thousand households, 36.7% of the total fishery households), which was followed by Chungnam (8 thousand households) and Gyeongnam (8 thousand households).

- Compared to the previous year, fishery households in Jeonnam (0.9%), Jeonbuk (0.9%) and Jeju (0.8%) showed an increase. In the meantime, Gyeonggi (-9.6%), Gangwon (-6.7%) and Incheon (-4.4%) showed a decrease.

Size of fishery households by province (2018-2019)
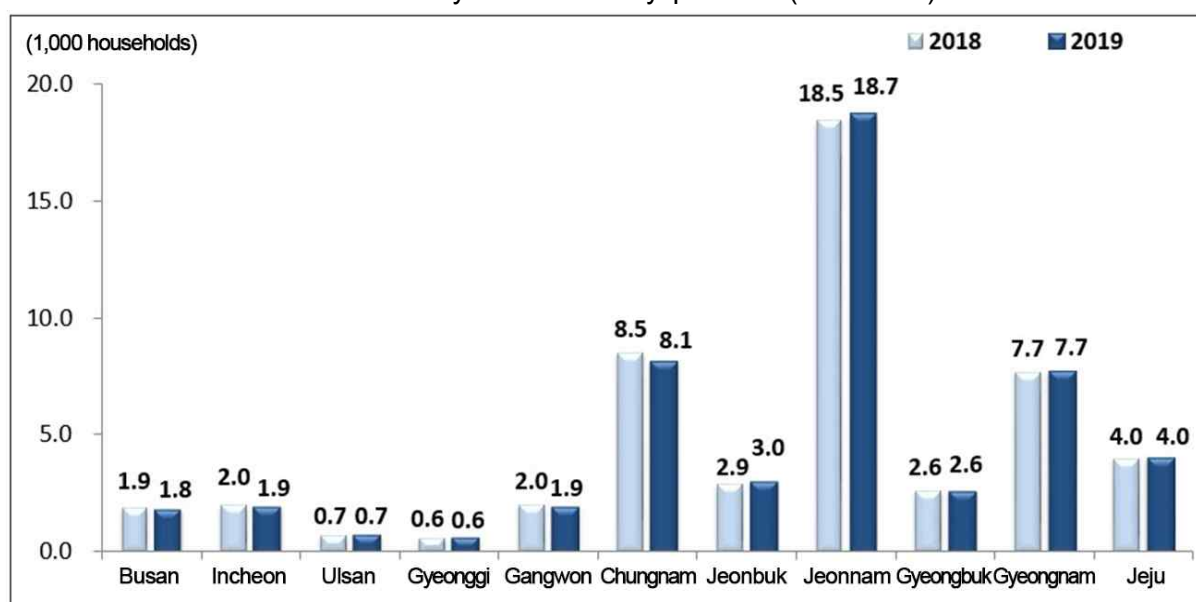
Full-time fishery households accounted for 39.2% of the total fishery households. Part-time fishery households accounted for 60.8% of the total fishery households.

○ Full-time fishery households recorded 20 thousand households, which occupied 39.2% of the total fishery households. Part-time fishery households recorded 31 thousand households, which occupied 60.8% of the total fishery households.

- Compared to the previous year, the share of full-time fishery households rose by 0.1%p, while that of part-time fishery households fell by 0.1%p.

Composition of fishery households by type (2018-2019)

2018	Full-time fishery households, 39.1 / Class 1 part-time fishery households, 26.4 / Class 2 part-time fishery households, 34.5
2019	Full-time fishery households, 39.2 / Class 1 part-time fishery households, 28.2 / Class 2 part-time fishery households, 32.6

0%   20%   40%   60%   80%   100%
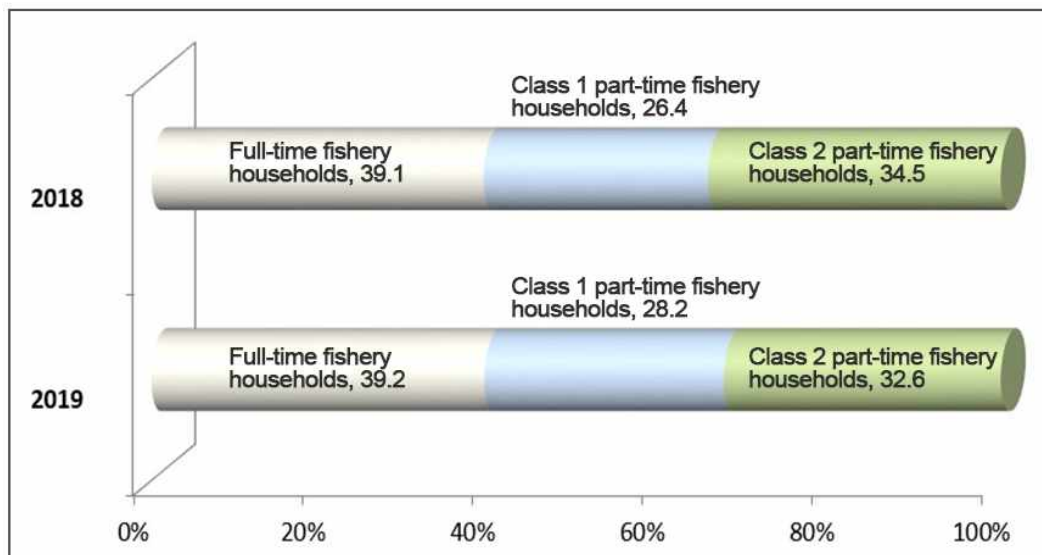
Compared to 2018, aquaculture households remained the same level. Fishing households decreased by 1.5%.

❍ As for fishery households by fishery management type, aquaculture households totaled 15 thousand households, which took up 30.0% of the total fishery households. Fishing households totaled 36 thousand households, which took up 70.0% of the total fishery households.

- Compared to the previous year, fishing households dropped by 1.5%.

Size of fishery households by fishery management type (2018-2019)

(1,000 households)   ☐ 2018   ■ 2019

	Total	Aquaculture households	Fishing households
2018	51.5	15.3	36.2
2019	50.9	15.3	35.6
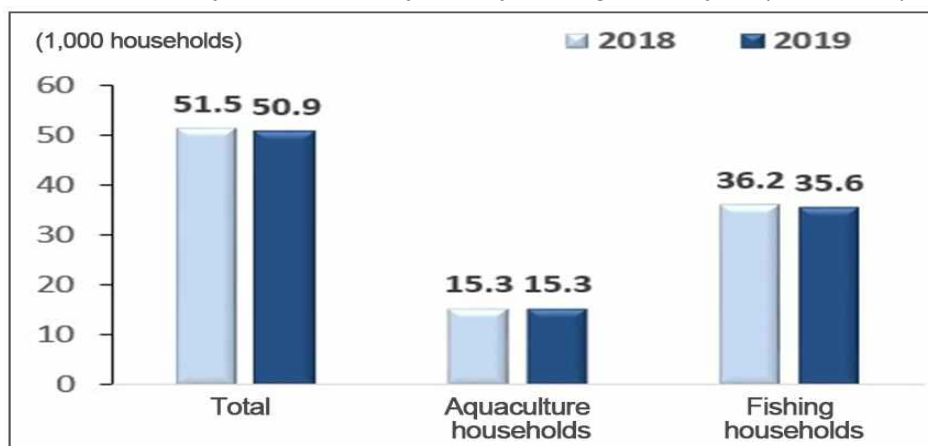
❍ Fishery households with fishing vessels amounted to 29 thousand households, which dropped by 1.7% from 2018.
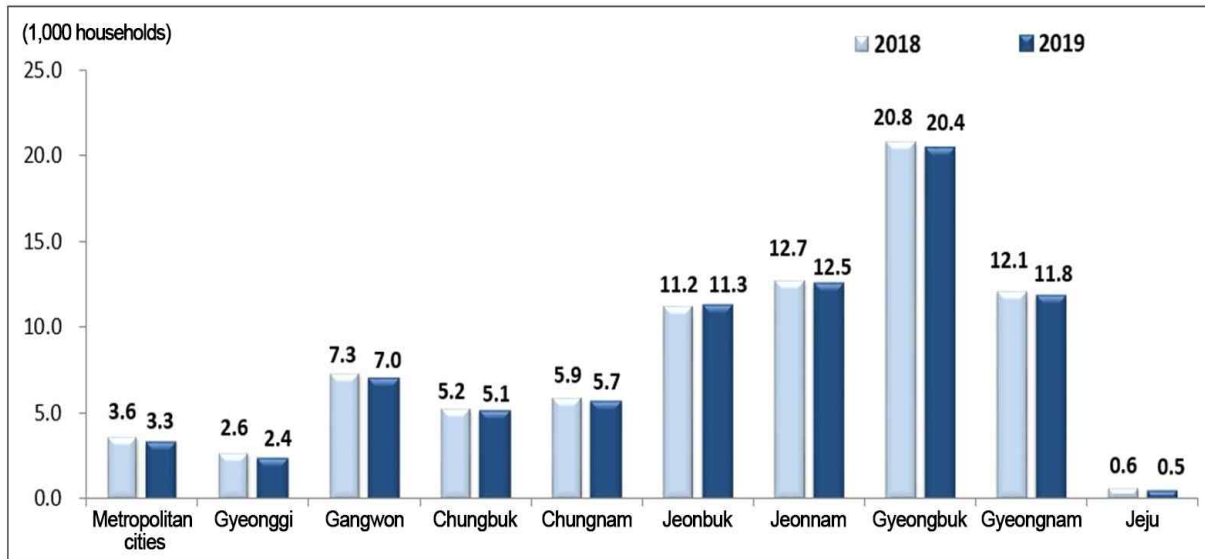
Forestry

As for forest households by province, Gyeongbuk (20 thousand households) recorded the highest figure, which was followed by Jeonnam and Gyeongnam.

❍ As for forest households by province, Gyeongbuk recorded the highest figure of 20 thousand households, which was followed by Jeonnam (13 thousand households) and Gyeongnam (12 thousand households).

- Compared to the previous year, Gyeonggi showed the highest decrease (-10.9%) in forest households, which was followed by Gangwon (-5.0%) and Chungnam (-3.6%).

Size of forest households by province (2018-2019)

'Growing-only' forest households occupied 89.0% of the total forest households.

❍ As for forest households by forestry management type, 'Growing-only' forest households amounted to 71 thousand households. 'Only non-growing' forest households amounted to 4 thousand households. Forest households engaged in both 'Growing' and 'Non-growing' amounted to 5 thousand households.

- Compared to the previous year, 'Growing-only' forest households fell by 2.8%, while 'Only non-growing' forest households rose by 2.4%.

Composition of forest households by forestry management type (2019)
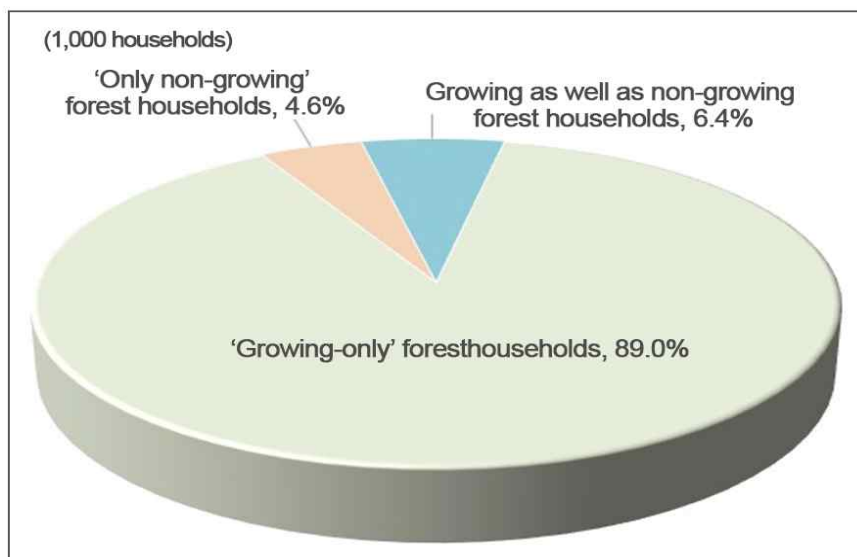
As for forest products, 'Astringent persimmons' (31.1%) recorded the highest share, which was followed by 'Wild greens' (29.1%) and 'Medicinal crops' (17.6%).

❍ Forest households growing forest products amounted to 76 thousand households, which fell by 3.0% from 2018.

- As for forest households by item, households growing astringent persimmons recorded the highest figure of 24 thousand households, which was followed by those growing wild greens (22 thousand households) and those growing medicinal crops (13 thousand households).

- Compared to the previous year, households growing 'Raspberry' and 'Oak mushrooms' increased by 11.4% and 1.3%, respectively.

Forest households by item (2018-2019)