



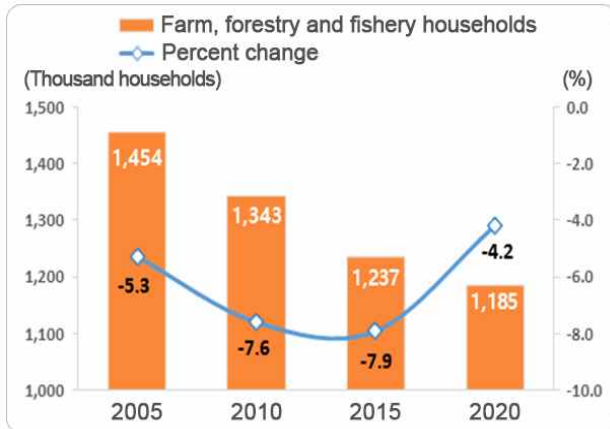
# Final Results of 2020 Census of Agriculture, Forestry and Fisheries

## Farm, forestry and fishery households and population

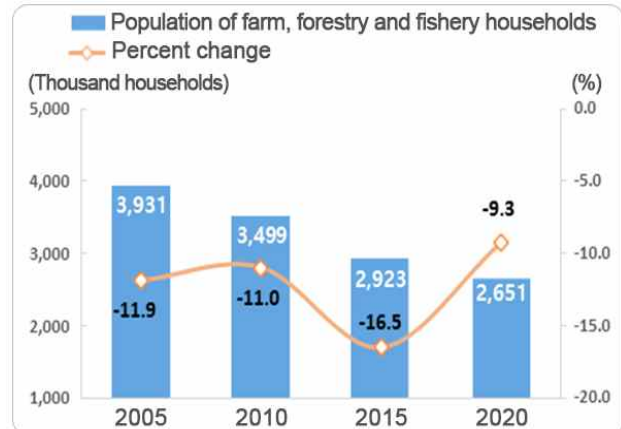
**As of December 1, 2020, the number of farm, forestry and fishery households was 1.185 million households, which dropped by 4.2% from 2015. The population of farm, forestry and fishery households was 2.651 million persons, which fell by 9.3% from 2015.**

- As of December 1, 2020, the number of farm, forestry and fishery households amounted to 1.185 million households, which decreased by 52 thousand households (-4.2%) from 1.237 million households in 2015.
- The number of farm households was 1.035 million households. The number of fishery households was 46 thousand households (43 thousand households for marine fisheries and 3 thousand households for inland water fisheries). The number of forestry households was 103 thousand households.
- In 2020, the share of farm, forestry and fishery households stood at 5.7% of the total households, down 0.8%p from 6.5% in 2015.
  - \* Share of farm households (5.7% → 5.0%), share of fishery households (0.3% → 0.2%), share of forestry households (0.5% → 0.5%)
- The population of farm, forestry and fishery households amounted to 2.651 million persons in 2020, which fell by 272 thousand persons (-9.3%) from 2.923 million persons in 2015.
- The population of farm households was 2.314 million persons. The population of fishery households was 104 thousand persons (97 thousand persons for marine fisheries and 7 thousand persons for inland water fisheries). The population of forestry households was 233 thousand persons.
- In 2020, the share of the population of farm, forestry and fishery households stood at 5.7% of the total population, down 0.6%p from 5.1% in 2015.
  - \* Share of the population of farm households (5.0% → 4.5%), share of the population of fishery households (0.3% → 0.2%), share of the population of forestry households (0.4% → 0.4%)

<Trends in farm, forestry and fishery households (2005 ~ 2020)>



<Trends in the population of farm, forestry and fishery households (2005 ~ 2020)>

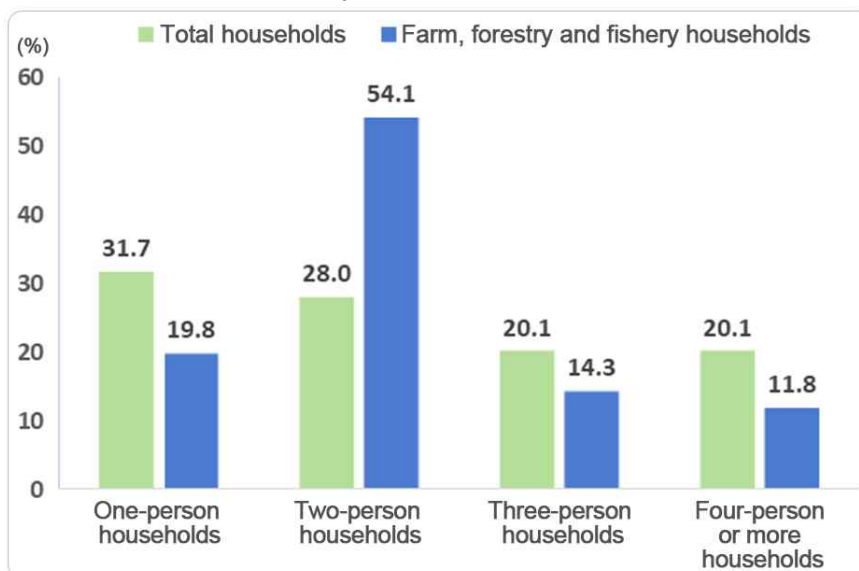


**The average number of farm, forestry and fishery household members was 2.2 persons in 2020, which dropped by 0.2 person from 2.4 persons in 2015.**

- The average number of members in farm, forestry and fishery households (2.2 persons) was smaller than the average number of members in the total households (2.3 persons). Compared to 2015, the average number of farm, forestry and fishery household members dropped by 0.2 person.
- As for the household type, 2-person households occupied the largest share (54.1%) of the farm, forestry and fishery households. 2-person farm households occupied 53.9% of the total farm households. 2-person fishery households occupied 56.4% of the total fishery households. 2-person forestry households occupied 54.8% of the total forestry households.

\* 2-person households occupied 28.0% of the total households.

<Share of households by the number of household members>



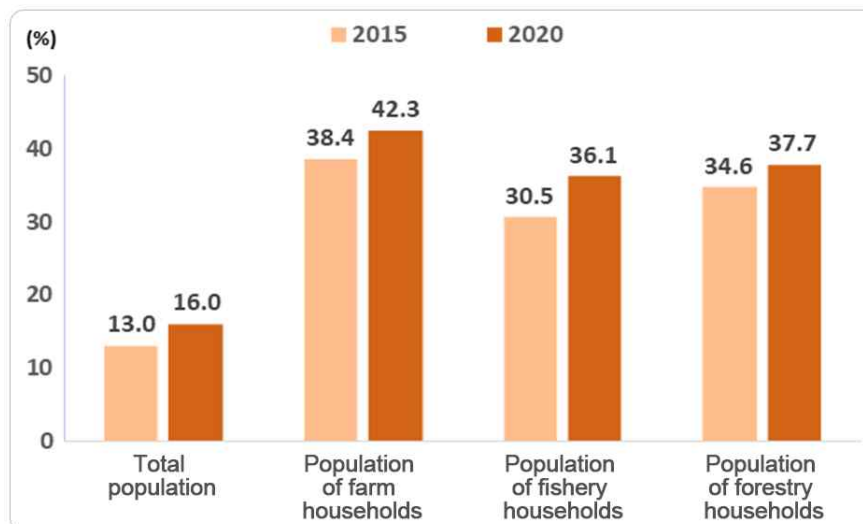
**The share of the elderly population (aged 65 or more) in farm, forestry and fishery households stood at 41.7%. This figure was 2.6 times higher than the share of the elderly population in the total households.**

- The share of the elderly population in farm, forestry and fishery households stood at 41.7% in 2020, up 3.9%p from 37.8% in 2015. This figure was 2.6 times higher than the share of the elderly population in the total households (16.0%).

<Change in the share of the elderly population (2015~2020)>

	Total population	Farm, forestry and fishery household	Farm household	Fishery household	forestry household
2015	13.0	37.8	38.4	30.5	34.6
2020	16.0	41.7	42.3	36.1	37.7

<Share of the elderly population (2015-2020)>

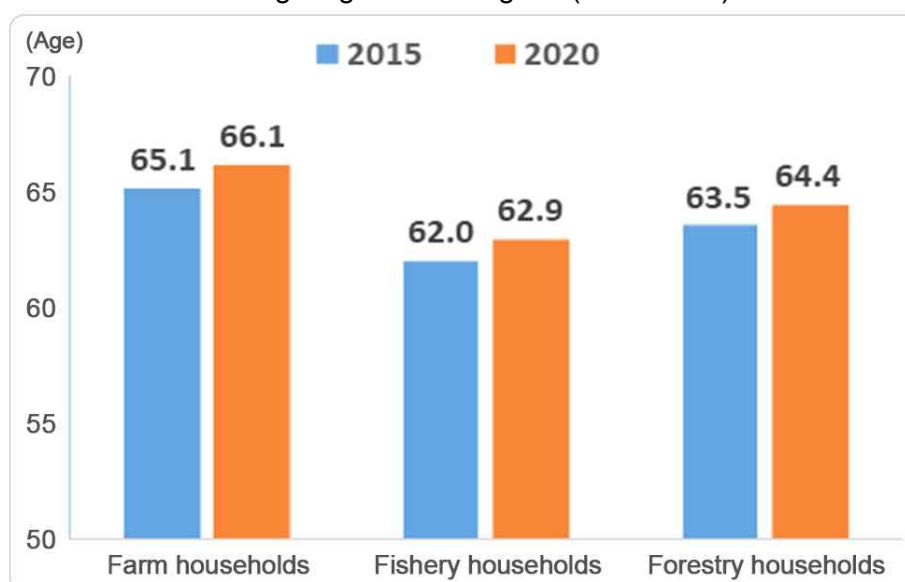


- The average age of managers in farm, forestry and fishery households was 65.8 years in 2020, which was 1.0 year higher from 64.8 years in 2015.

<Change in the average age of managers (2015~2020)>

	Farm, forestry and fishery household	Farm household	Fishery household	forestry household
2015	64.8	65.1	62.0	63.5
2020	65.8	66.1	62.9	64.4

<Average age of managers (2015-2020)>

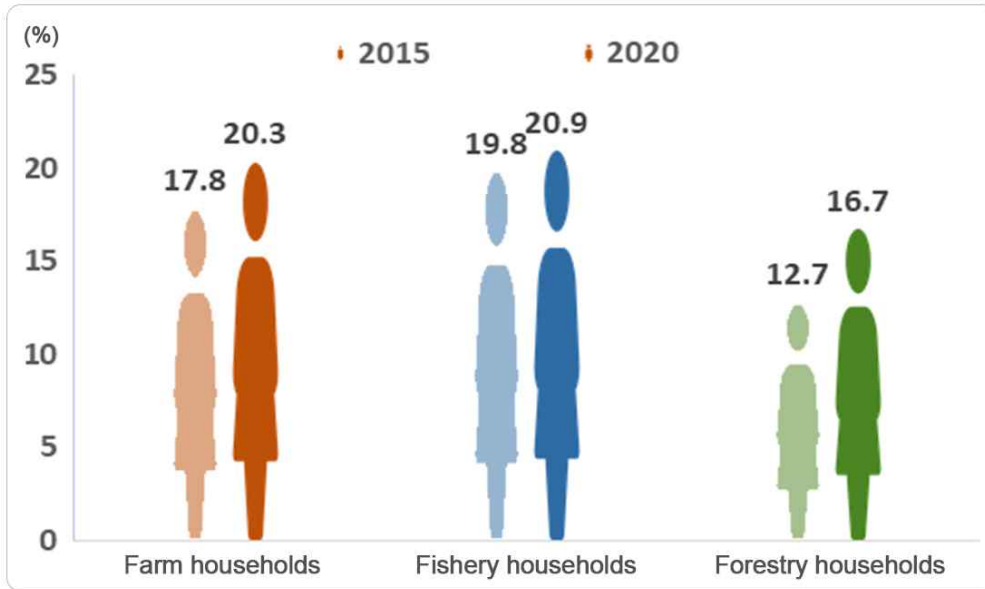


- The share of female managers stood at 20.0% in 2020, rising by 2.5%p from 17.5% in 2015.

<Change in the share of female managers (2015~2020)>

	Farm, forestry and fishery household	Farm household	Fishery household	forestry household
2015	17.5	17.8	19.8	12.7
2020	20.0	20.3	20.9	16.7

<Share of female managers (2015-2020)>

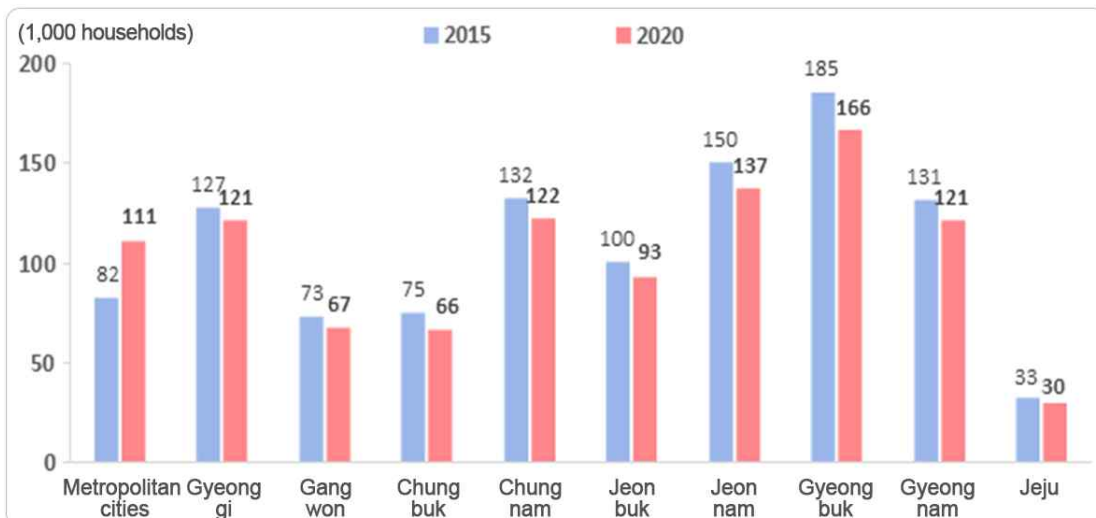


## Agriculture

### Compared to 2015, farm households in 'Dong' regions increased by 21.8%.

- Farm households amounted to 1.035 million households in 2020, which fell by 53 thousand households (-4.9%) from 1.089 million households in 2015.
- Farm households in 'Dong' regions accounted for 27.3% (283 thousand households) in 2020, rising by 21.8% from 2015. Whereas, farm households in 'Eup & Myeon' regions accounted for 72.7% (752 thousand households) in 2020, falling by 12.1% from 2015.
- As for farm households by province, Gyeongbuk recorded the highest figure of 166 thousand households (16.0%), which was followed by Jeonnam (137 thousand households, 13.2%) and Chungnam (122 thousand households, 11.8%).

<Farm households by province>

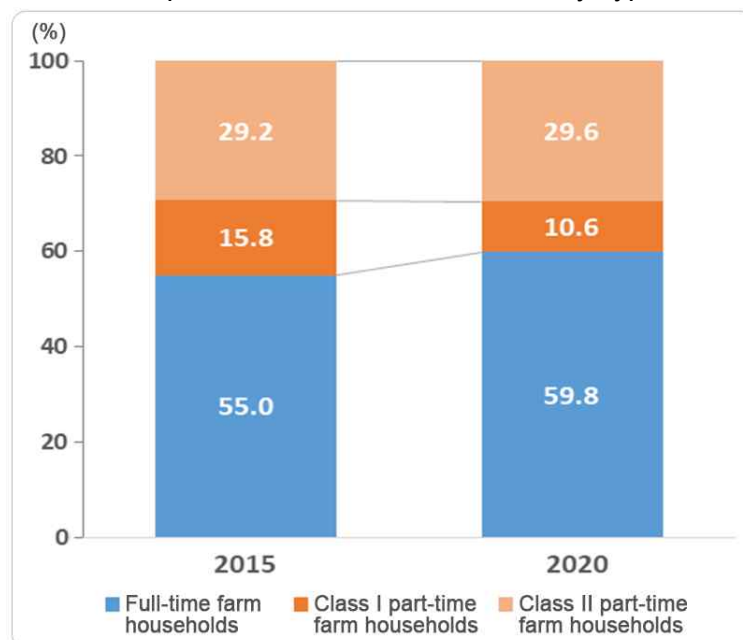


- Compared to 2015, Chungbuk (-11.0%) showed the highest decrease in farm households, which was followed by Gyeongbuk (-10.2%) and Jeju (-9.3%).

**Full-time and part-time farm households accounted for 59.8% and 40.2% of the total farm households, respectively.**

- Full-time farm households recorded 619 thousand households, which occupied 59.8% of the total farm households. Part-time farm households recorded 416 thousand households, which occupied 40.2% of the total farm households.
- The share of full-time farm households rose by 4.8%p from 55.0% in 2015. The share of class I part-time farm households fell by 5.2%p, while that of class II part-time farm households rose by 0.4%p.
- \* Class I part-time farm households: Agricultural earnings > Non-agricultural earnings  
Class II part-time farm households: Agricultural earnings < Non-agricultural earnings

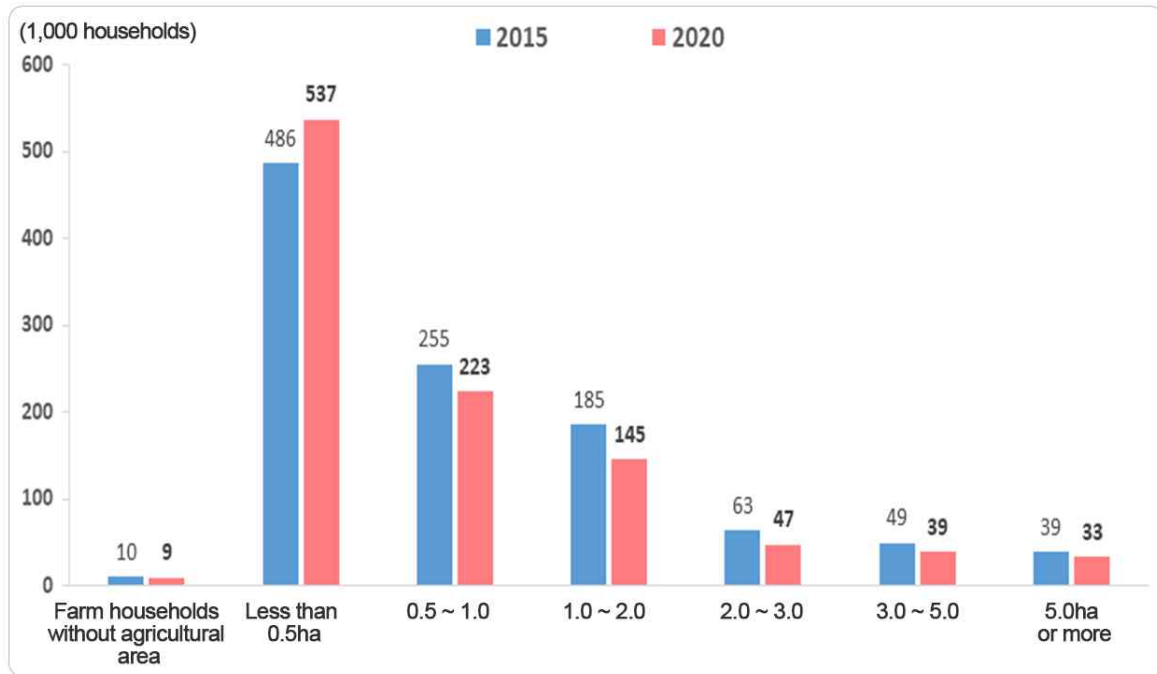
<Composition of farm households by type>



**The agricultural area per farm household stood at 1.08ha. The share of farm households with agricultural area of 'less than 0.5ha' stood at 51.9%, rising by 7.2%p from 2015.**

- In 2020, the total agricultural area of farm households recorded 1.12 million hectares, which declined by 194 thousand hectares (-14.8%) from 1.31 million hectares in 2015.
- The agricultural area per farm household stood at 1.08ha, dropping by 10.0% from 2015.
- \* Agricultural area per farm household: 1.20ha in 2015 → 1.08ha in 2020
- Farm households with agricultural area of 'less than 0.5ha' rose by 7.2%p, while those with agricultural area of '5.0ha or more' fell by 0.4%p.

<Farm households by size of agricultural area>



The share of farm households growing 'Paddy rice' showed a decrease. Whereas, the share of farm households growing 'Fruits' and 'Food grains' showed an increase.

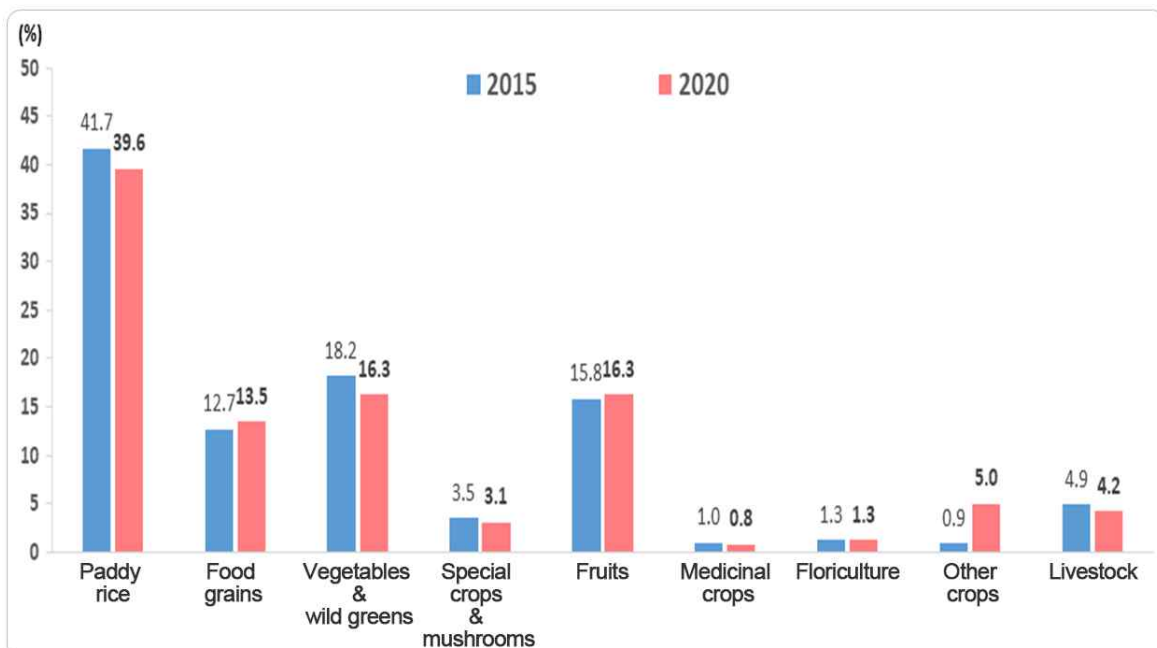
○ As for farm households by management type, farm households growing 'Paddy rice' (39.6%) occupied the largest share, which was followed by those growing 'Fruits' (16.3%), those growing 'Vegetables and wild greens' (16.3%) and those growing 'Food grains' (13.5%).

- Compared to 2015, the share of farm households growing 'Paddy rice', 'Vegetables and wild greens' and 'Livestock' dropped by 2.1%p, 1.9%p and 0.7%p, respectively.

- Compared to 2015, the share of farm households growing 'Food grains' and 'Fruits' rose by 0.8%p and 0.5%p, respectively.

\* Food grains: Upland field grains including pulses and miscellaneous grains

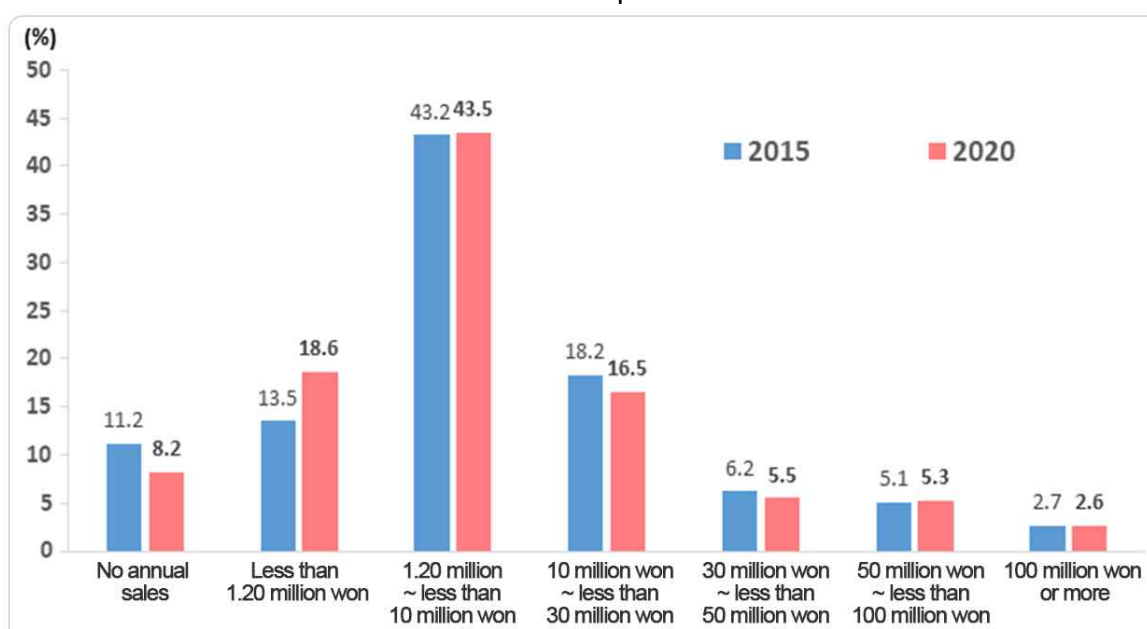
<Composition of farm households by management type>



**As for annual sales of agricultural and livestock products, farm households with annual sales of 'less than 10 million won' occupied 70.3% of the total farm households, rising by 2.4%p from 2015.**

- Farm households with annual sales of 'less than 10 million won' occupied 70.3% of the total farm households. Farm households with annual sales of '50 million won or more' occupied 7.9% of the total farm households.
- The share of farm households with annual sales of 'less than 10 million won' rose by 2.4%p from 67.9% in 2015. The share of farm households with annual sales of '50 million won or more' rose by 0.1%p from 2015.

<Composition of farm households by size of annual sales of agricultural and livestock products>



- Among farm households with agricultural area of '3.0ha or more', farm households with annual sales of '50 million won or more' occupied the largest share at 44.8%. Among farm households with agricultural area of 'less than 0.5ha', farm households with annual sales of 'less than 10 million won' occupied the largest share.
- Among farm households with agricultural area of '0.5ha~2.0ha', farm households with annual sales of '1.2 million won ~ less than 10 million won' occupied the largest share. Among farm households with agricultural area of '2.0ha ~ 3.0ha', farm households with annual sales of '10 million won ~ less than 30 million won' occupied the largest share at 43.1%.
- As for farm households by management type and annual sales, among farm households with annual sales of 'less than 100 million won', farm households growing 'Paddy rice' showed the highest share. Among farm households with annual sales of '100 million won or more', farm households raising 'Livestock' (34.3%) and 'Vegetables and wild greens' (23.8%) showed a high share.
- Among farm households with annual sales of '1.2 million won ~ less than 10 million won', farm households mainly growing 'Paddy rice' showed the highest share at 47.2%, which was followed by those growing 'Vegetables and wild greens' (15.8%). Among farm households with annual sales of '30 million won ~ less than 50 million won', farm households mainly growing 'Paddy rice' showed the highest share at 32.2%, which was followed by those growing 'Fruits' (26.3%).

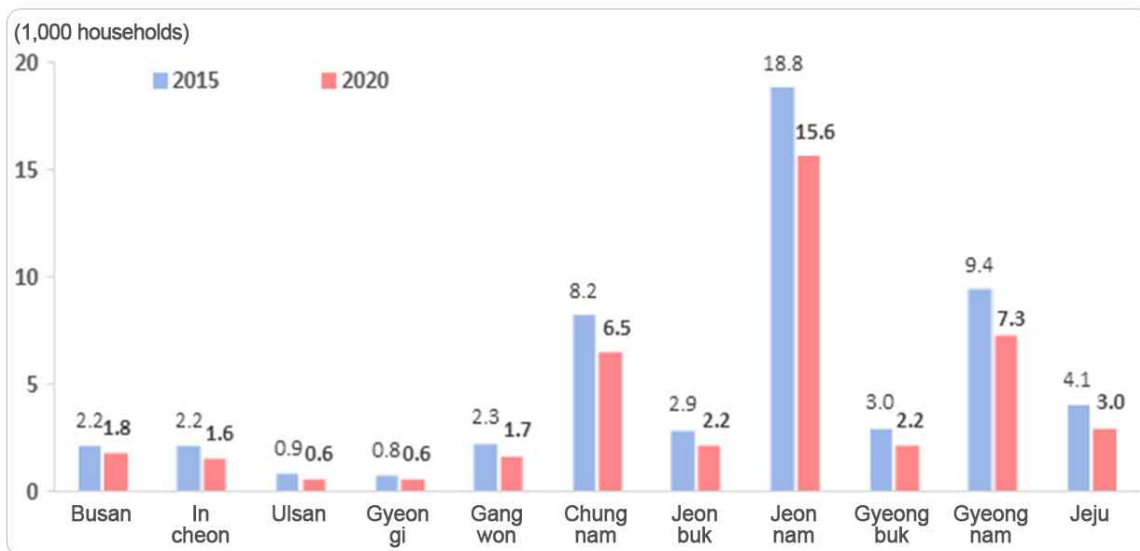
- The higher annual sales, the higher share of farm households growing 'Livestock', 'Vegetables and wild greens' and 'Fruits'.

## Fishery (Marine fisheries)

**As for fishery households by province, Jeonnam recorded the highest figure. As for fishery households by Si & Gun, Wando-gun, Jeonnam recorded the highest figure.**

- Fishery households amounted to 43 thousand households in 2020, which fell by 21.3% from 55 thousand households in 2015.
- As for fishery households by province, Jeonnam recorded the highest figure of 15.6 thousand households, which was followed by Gyeongnam (7.3 thousand households) and Chungnam (6.5 thousand households).
- Compared to 2015, all provinces, 'Dong' regions and 'Eup & Myeon' regions showed a decrease in fishery households.
- Compared to 2015, Ulsan (-30.4%) recorded the highest decrease in fishery households, which was followed by Incheon (-27.5%) and Jeju (-27.1%).

<Fishery households by province>



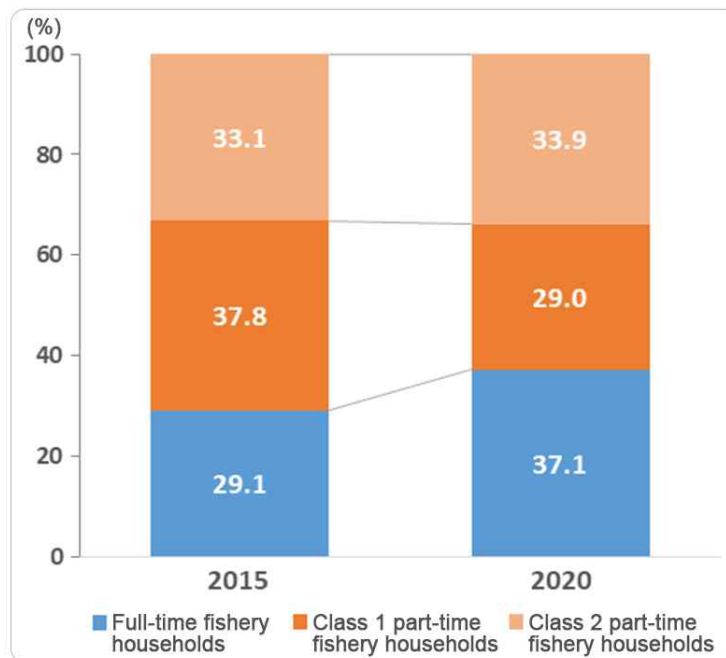
**Part-time fishery households accounted for 62.9% of the total fishery households. Fishery households using fishing vessels accounted for 43.9% of the total fishery households.**

- Full-time fishery households recorded 16 thousand households, which occupied 37.1% of the total fishery households. Part-time fishery households recorded 27 thousand households, which occupied 62.9% of the total fishery households.
- Compared to 2015, the share of full-time fishery households stood at 37.1%, rising by 8.0%p from 29.1% in 2015.
- Compared to 2015, the share of class 1 part-time fishery households dropped by 8.8%p, while that of class 2 part-time fishery households rose by 0.8%p.



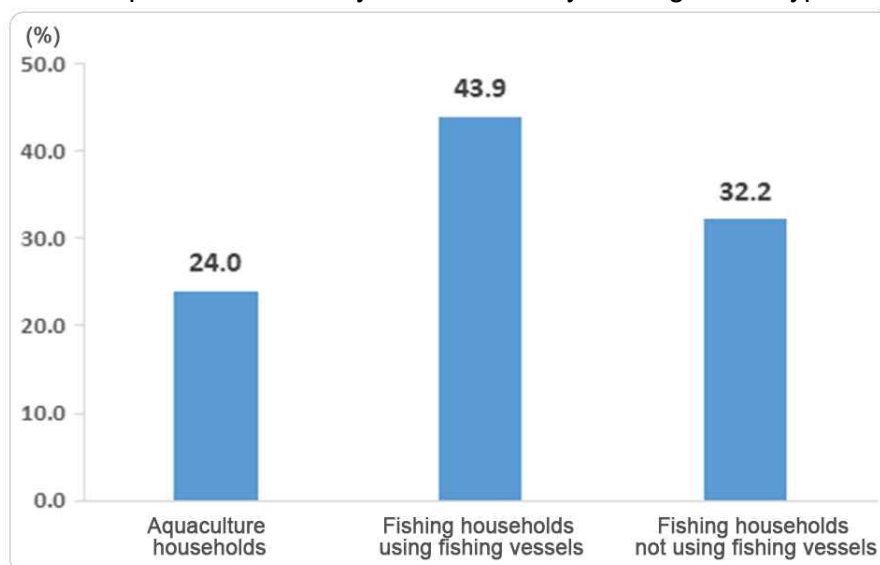
- \* Class I part-time fishery households: Fishery earnings > Non-fishery earnings
- Class II part-time fishery households: Fishery earnings < Non-fishery earnings

<Composition of fishery households by type>



- Fishing households occupied the largest share of 76.0% of the total fishery households. Fishing households using fishing vessels and not using fishing vessels accounted for 43.9% and 32.2%, respectively. On the other hand, aquaculture households occupied 24.0% of the total fishery households.
- As for the share of aquaculture households by province, Jeonnam (63.8%) marked the highest share, which was followed by Gyeongnam (17.2%) and Chungnam (8.4%).
- As for the share of fishing households by province, Jeonnam (27.4%) marked the highest share, which was followed by Chungnam (17.1%) and Gyeongnam (16.9%).

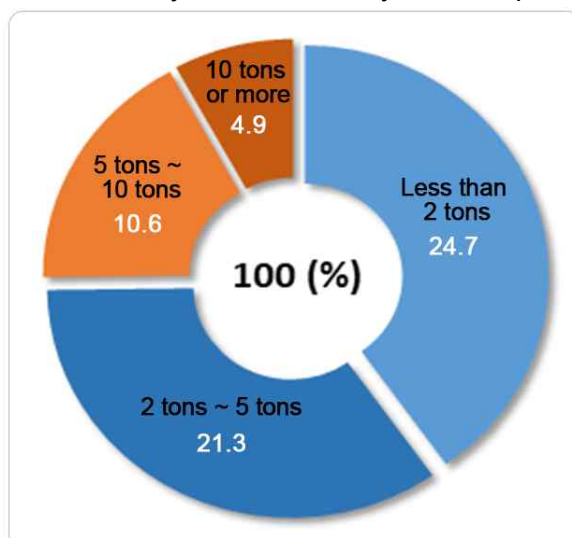
<Composition of fishery households by management type>



**Fishery households with a fishing vessel or more showed a decrease. The share of fishery households with a power vessel of '5 tons or more' rose by 2.4%p.**

- Fishery households with a fishing vessel or more amounted to 27 thousand households (62.0%), which dropped by 18.5% from 2015.
  - Fishery households with a power vessel of '5 tons or more' occupied 15.5%, rising by 2.4%p from 13.1% in 2015.
  - Fishery households with a power vessel of 'less than 2 tons' occupied 15.5%, falling by 2.5%p from 2015.
- Fishing households amounted to 36 thousand households, dropping by 20.2% from 2015.
  - Fishing households using only hands occupied the highest share at 32.7%, which was followed by those using multiple methods (23.1%) and others (15.7%).

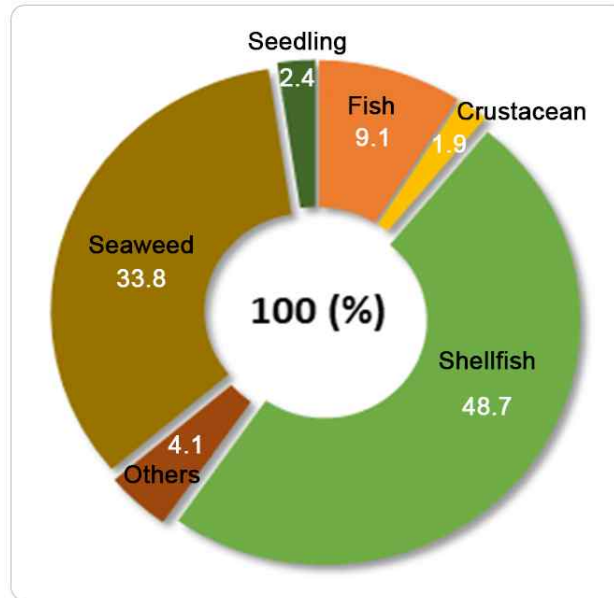
<Composition of fishery households by size of power vessels>



**Aquaculture households growing shellfish accounted for 48.7% of the total aquaculture households. The share of aquaculture households with aquaculture area of '10ha or more' rose by 4.5%p.**

- Aquaculture households amounted to 12 thousand households, dropping by 26.5% from 2015.
  - As for aquaculture households by aquaculture species, 'Shellfish' occupied the largest share at 48.7%, which was followed by 'Seaweed' (33.8%) and 'Fish' (9.1%).
- As for aquaculture households by aquaculture area, aquaculture households of 'Less than 1ha' occupied the highest share at 33.6%, which was followed by those of '1ha ~ less than 3ha' (25.5%) and those of '3ha ~ less than 6ha' (16.1%).

<Composition of aquaculture households by aquaculture species>



**As for annual sales of fishery products, fishery households with annual sales of '50 million won or more' occupied 24.7% of the total fishery households, rising by 2.8%p from 2015.**

- Fishery households with annual sales of 'less than 10 million won' occupied the largest share at 46.6%. Fishery households with annual sales of '10 million won ~ less than 30 million won' occupied 20.0% of the total fishery households. Fishery households with annual sales of '100 million won or more' occupied 13.6% of the total fishery households.
  - Compared to 2015, fishery households with annual sales of 'less than 10 million won' dropped by 0.4%p. Whereas, fishery households with annual sales of '50 million won or more' rose by 2.8%p to 24.7% in 2020.
- As for places for selling fishery products, 'Fishery cooperatives' occupied the largest share at 43.3%, which was followed 'Dealers' (23.8%) and 'Direct selling to consumers' (13.9%).

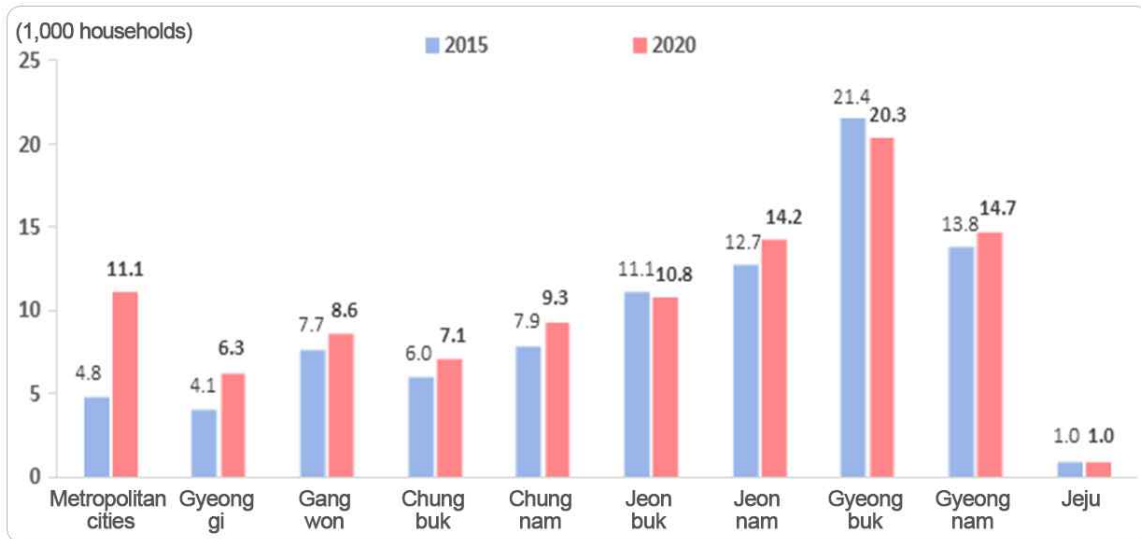
## Forestry

**As for forestry households by province, Gyeongbuk recorded the highest figure. As for forestry households by Si & Gun, Cheongdo-gun, Gyeongbuk recorded the highest figure.**

- Forestry households growing forestry products amounted to 103 thousand households, which grew by 14.3% from 2015.
  - As for forestry households by province, Gyeongbuk recorded the highest figure of 20.3 thousand households, which was followed by Gyeongnam (14.7 thousand households) and Jeongnam (14.2 thousand households).
  - Forestry households in 'Dong' regions increased by 85.6% from 2015. Whereas, forestry households in 'Eup & Myeon' regions fell by 0.5% from 2015.

- Gyeonggi (53.4%) recorded the highest increase in forestry households, which was followed by Chungbuk (17.9%) and Chungnam (17.4%).

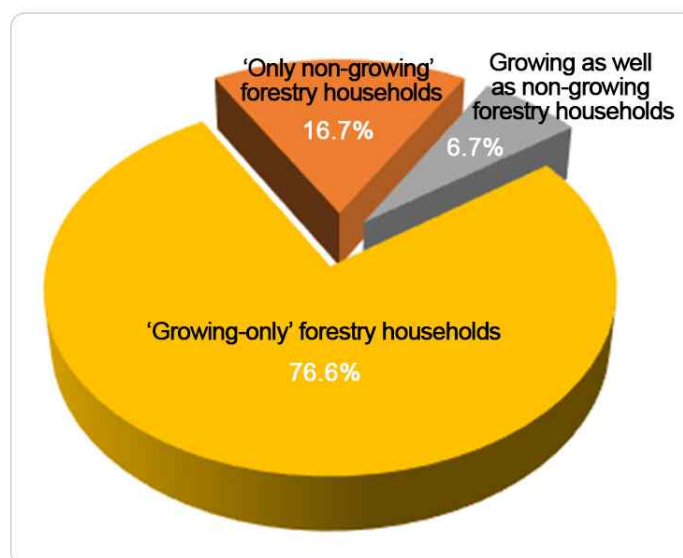
<Forestry households by province>



**'Growing-only' forestry households occupied 76.6% of the total forestry households.**

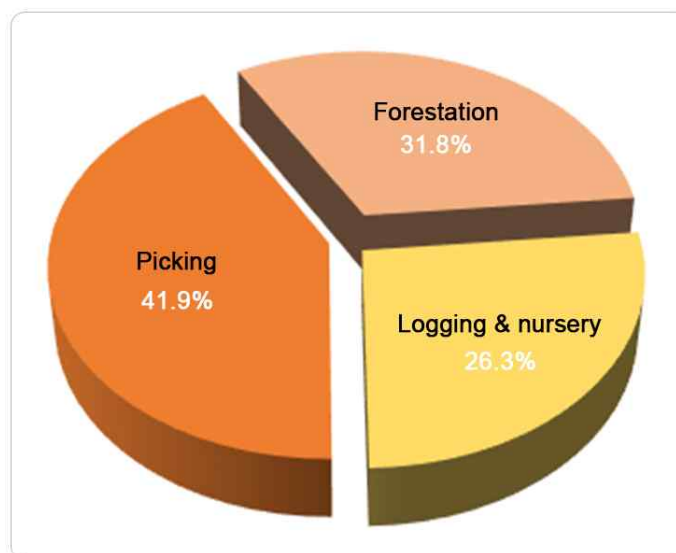
- As for forestry households by forestry management type, 'Growing-only' forestry households accounted for 76.6%. forestry households engaged in both 'Growing' and 'Non-growing' accounted for 6.7%.
- 'Only non-growing' forestry households accounted for 16.7%.
- \* 'Growing' forestry households amounted to 86.1 thousand households, which occupied 83.3% of the total forestry households.

<Composition of forestry households by management type>



- As for non-growing forestry households by management type, 'Picking' occupied the highest share at 41.9%, which was followed by 'forestryation' (31.8%) and 'Logging & nursery' (26.3%).

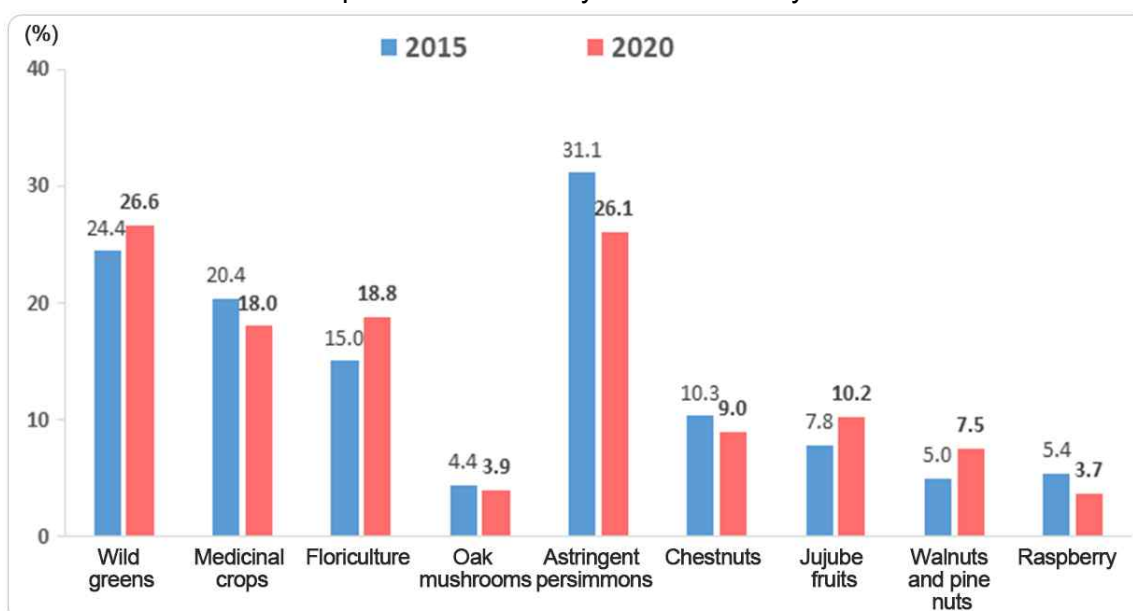
<Composition of non-growing forestry households by management type>



**As for forestry products, 'Wild greens' (26.6%) recorded the highest share, which was followed by 'Astringent persimmons' (26.1%) and 'Floriculture' (18.8%).**

- As for forestry households by item, households growing wild greens recorded the highest share at 26.6%, which was followed by those growing astringent persimmons (26.1%) and those growing floriculture (18.8%).
- Among fruit trees, astringent persimmons occupied the highest share at 26.1%, which was followed by jujube fruits (10.2%) and chestnuts (9.0%).
- Compared to 2015, households growing 'Floriculture', 'Jujube fruits' and 'Walnuts and pine nuts' increased by 28.2%, 32.9% and 53.6%, respectively.

<Composition of forestry households by item>



## < Structural Change in Agriculture, Fisheries and Forestry >

### Agriculture

	Unit	2000	2005	2010	2015	2020
<input type="checkbox"/> <b>Number of farm households</b> (Share of farm households)	Thousand households (%)	1,383 (9.7)	1,273 (8.0)	1,177 (6.8)	1,089 (5.7)	1,035 (5.0)
<input type="checkbox"/> <b>Population of farm households</b> (Share of the population of farm households)	Thousand persons (%)	4,031 (8.8)	3,434 (7.3)	3,063 (6.4)	2,569 (5.1)	2,314 (4.5)
○ Average number of household members	Person	2.9 95.7	2.7 95.4	2.6 96.1	2.4 96.9	2.2 99.4
○ Sex ratio						
○ Median age	Age	49.9	54.1	55.7	60.1	62.4
○ Share by age group						
- 0 to 14	%	11.4	9.8	8.8	5.8	4.3
- 15 to 64		66.9	61.1	59.4	55.8	53.3
- 65 or over		21.7	29.1	31.8	38.4	42.3
<input type="checkbox"/> <b>Managers</b>						
○ Average age	Age	58.3	61.0	62.3	65.1	66.1
○ Share of managers by age group						
- 49 or less	%	23.8	17.9	14.7	9.0	7.2
- 60 or more		51.1	58.3	60.9	68.3	73.3
<input type="checkbox"/> <b>Management structure of farm households</b>						
○ By type						
- Full-time farm households	%	65.2	62.6	53.3	55.0	59.8
- Part-time farm households		34.8	37.4	46.7	45.0	40.2
○ By size of agricultural area						
- Agricultural area per farm household	ha	1.16	1.19	1.23	1.20	1.08
○ By management type						
- Farm households growing paddy rice mainly	%	56.9	50.9	44.4	41.7	39.6
○ By size of annual sales of farm and livestock products						
- Less than 10 million won	%	69.2	68.3	67.8	67.9	70.3
- 30 million won or more		6.5	10.2	12.9	14.0	13.4

## Fishery (Marine fisheries)

	Unit	2000	2005	2010	2015	2020
<input type="checkbox"/> <b>Number of fishery households</b> (Share of fishery households)	Thousand households (%)	82 (0.6)	80 (0.5)	66 (0.4)	55 (0.3)	43 (0.2)
<input type="checkbox"/> <b>Population of fishery households</b> (Share of the population of fishery households)	Thousand persons (%)	251 (0.5)	221 (0.5)	171 (0.4)	128 (0.3)	97 (0.2)
○ Average number of household members	Person	3.1 101.8	2.8 100.2	2.6 100.0	2.3 100.8	2.2 105.1
○ Sex ratio						
○ Median age	Age	44.0	49.7	53.3	58.0	60.8
○ Share by age group						
- 0 to 14	%	13.2	12.1	9.2	6.7	5.7
- 15 to 64		74.6	69.1	67.7	62.8	58.2
- 65 or over		12.2	18.8	23.1	30.5	36.1
<input type="checkbox"/> <b>Managers</b>						
○ Average age	Age	53.3	56.9	59.1	62.0	62.9
○ Share of managers by age group						
- 49 or less	%	37.5	26.4	18.8	12.2	11.4
- 60 or more		31.2	41.9	49.4	59.8	67.2
<input type="checkbox"/> <b>Management structure of fishery households</b>						
○ By type	%					
- Full-time fishery households		36.4	31.7	29.4	29.1	37.1
- Part-time fishery households		63.6	68.3	70.6	70.9	62.9
○ By management type	%					
- Fishing households		69.6	69.9	73.6	75.4	76.0
- Aquaculture households		30.4	30.1	26.4	24.6	24.0
○ By size of power vessel	%					
- Power vessels of 'less than 2 tons'		32.8	29.5	27.5	27.2	24.7
- Power vessels of '5 tons or more'		8.9	9.6	10.4	13.1	15.5
○ By size of annual sales of fishery products	%					
- Less than 10 million won		58.4	58.4	49.8	47.1	46.6
- 30 million won or more		12.7	15.4	26.2	32.1	33.3

## Forestry

	Unit	2005	2010	2015	2020
<input type="checkbox"/> <b>Number of forestry households</b> (Share of fishery households)	Thousand households (%)	97 (0.6)	96 (0.6)	91 (0.5)	103 (0.5)
<input type="checkbox"/> <b>Population of forestry population</b> (Share of the population of fishery households)	Thousand persons (%)	264 (0.6)	254 (0.5)	217 (0.4)	233 (0.4)
○ Average number of household members	Person	2.7	2.6	2.4	2.3
○ Sex ratio		98.3	99.2	101.5	104.8
○ Median age	Age	54.0	55.5	59.2	61.2
○ Share by age group					
- 0 to 14	%	9.7	8.7	6.0	4.3
- 15 to 64		63.2	62.4	59.4	58.0
- 65 or over		27.1	28.9	34.6	37.7
<input type="checkbox"/> <b>Managers</b>					
○ Average age	Age	59.7	60.9	64.0	64.4
○ Share of managers by age group					
- 49 or less	%	19.9	15.9	9.6	7.5
- 60 or more		53.0	55.6	63.4	68.6
<input type="checkbox"/> <b>Management structure of forestry households</b>					
○ By type					
- Full-time forestry households	%	8.2	6.6	9.4	13.6
- Part-time forestry households		91.8	93.4	90.6	86.4
○ By management type					
- 'Only non-growing' forestry households	%	-	10.6	8.9	16.7
- Growing and non-growing forestry households		-	4.9	5.5	6.7
- 'Growing-only' forestry households		90.3	84.4	85.6	76.6