



2015
Census

Census of Agriculture, Forestry and Fisheries

Agriculture & Forestry Household Questionnaire

- This survey is conducted pursuant to Article 5-3 of the Statistics Act. According to Article 32, every citizen is required to answer the questions to the best of their knowledge.
- Confidential information revealed during the survey shall be protected pursuant to Article 33 of the Statistic Act.

This survey covers agriculture and forestry households directly engaged in agriculture or forestry as of December 1, 2015.

Agriculture household

■ A household directly engaged in one of the following agricultural activities

- A household directly cultivating paddies or dry fields of 1,000m² (10a) or more as of December 1, 2015
- A household of which sales of directly produced agricultural and livestock products were at least KRW 1.2 million during the past year (Dec. 1, 2014 ~ Nov. 30, 2015)
- A household that owns livestock worth at least KRW 1.2 million as of December 1, 2015

Forestry household

■ A household directly engaged in one of the following forestry activities

- A household that owns at least 3 ha (30,000m²) of forest as of Dec. 1, 2015 and engaged in forestation (tree planting, afforestation, thinning, logging, etc.) during the past 5 years (Dec. 1, 2010 ~ Nov. 30, 2015)
- A household that ~~is~~ engaged in logging or nursery (cultivating seedlings for forestation) during the past year (Dec. 1, 2014 ~ Nov. 30, 2015) *was*
- A household of which sales of directly produced forestry products including forest product picking were at least KRW 1.2 million during the past year (Dec. 1, 2014 ~ Nov. 30, 2015)

* An agricultural household that cultivates wild greens, medicinal crops, ornamental crops, oak mushrooms, and fruit trees shall also be surveyed in Part III, Forestry.

Household categorization

① Agricultural ② Forestry

• Mark ● on both if relevant to agriculture as well as to forestry

* No. of members in household

How many people actually live in this household as of Dec. 1, 2015?

Total	Male	Female
<input type="text"/> <input type="text"/> Persons	<input type="text"/> <input type="text"/> Persons	<input type="text"/> <input type="text"/> Persons

City/Province <input type="text"/>	Si/Gun/Gu <input type="text"/>	Eup/Myeon/Dong <input type="text"/>	Ri <input type="text"/>	Household serial No. <input type="text"/>
Enumeration area No. <input type="text"/>	Housing No. <input type="text"/>	Household No. <input type="text"/>	No. of questionnaire copies <input type="text"/> out of <input type="text"/>	Householder's name <input type="text"/>



Website: www.affcensus.go.kr



Toll free number: 080-300-2015

통계청
STATISTICS KOREA

1. Household Members

Household members	Member No.①	Member No.②	Member No.③
1 Name State the names of members living in this household.	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 Gender Male or female? ① Male ② Female	<input type="text"/>	<input type="text"/>	<input type="text"/>
3 Relationship with the business owner What is this person's relationship with the business owner? ① Business owner ② Spouse ③ Child or child's spouse ④ Parent ⑤ Grandchild or grandchild's spouse ⑥ Great grandparent ⑦ Sibling ⑧ Other relative/friend ⑨ Agriculture employee, etc.	<input type="text"/>	<input type="text"/>	<input type="text"/>
4 Age What is the age, by the Korean age counting system? When is the birthday celebrated at home? ① Before Nov. 30 (Oct. 19 by lunar calendar) ② After Dec. 1 (Oct. 20 by lunar calendar)	<input type="text"/> years <input type="text"/>	<input type="text"/> years <input type="text"/>	<input type="text"/> years <input type="text"/>
5 Education level What is the highest level of formal education received? ① No education (including preschoolers) ② Elementary school ③ Middle school ④ High school ⑤ College (less than 4 years) ⑥ University or higher (4 years or more) ① Graduated/completed ② Enrolled/leave of absence ③ Dropped out	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>

↓ Fill out only if at least 16 years of age in Korean age (based on '[4] Age'). [6]~[10]

6 Marital status State marital status. • State actual marital status regardless of the Family Relationship Register. ① Unmarried ② Married ③ Widowed ④ Divorced	<input type="text"/>	<input type="text"/>	<input type="text"/>
7 Period engaged in agriculture and forestry Months engaged in agriculture and forestry each during the past year ① None → Go to 9 ② Less than 1 month ③ 1~3 months ④ 4~6 months ⑤ More than 6 months	Agriculture Forestry <input type="text"/> <input type="text"/>	Agriculture Forestry <input type="text"/> <input type="text"/>	Agriculture Forestry <input type="text"/> <input type="text"/>
8 Type of engagement in agriculture and forestry Type of agriculture and forestry engaged in during the past year ① My own agriculture and forestry ② Agriculture and forestry on behalf of others ③ My own agriculture and forestry as well as on behalf of others	Agriculture Forestry <input type="text"/> <input type="text"/>	Agriculture Forestry <input type="text"/> <input type="text"/>	Agriculture Forestry <input type="text"/> <input type="text"/>
9 Period engaged in non-agriculture/forestry Months engaged in ^{non} on-agriculture/forestry during the past year • Includes months engaged in income-generating activities. • Include part-time jobs by housewives and students. ① None ② Less than 1 month ③ 1~3 months ④ 4~6 months ⑤ More than 6 months	<input type="text"/>	<input type="text"/>	<input type="text"/>
10 Main area of engagement Main area of engagement during the past year ① Agriculture ② Forestry ③ Fishery ④ Manufacturing ⑤ Construction ⑥ Wholesale/retail ⑦ Hotels & restaurants ⑧ Other ⑨ No engagement	<input type="text"/>	<input type="text"/>	<input type="text"/>

Household members		Member No. ④	Member No. ⑤	Member No. ⑥
1 Age State the names of members living in this household.		<input type="text"/>	<input type="text"/>	<input type="text"/>
2 Gender Male or female? ① Male ② Female		<input type="text"/>	<input type="text"/>	<input type="text"/>
3 Relationship with the business owner What is this person's relationship with the business owner? ① Business owner ② Spouse ③ Child or child's spouse ④ Parent ⑤ Grandchild or grandchild's spouse ⑥ Great grandparent ⑦ Sibling ⑧ Other relative/friend ⑨ Agriculture employee, etc.		<input type="text"/>	<input type="text"/>	<input type="text"/>
4 Age What is the age, by the Korean age counting system? When is the birthday celebrated at home? ① Before Nov. 30 (Oct. 19 by lunar calendar) ② After Dec. 1 (Oct. 20 by lunar calendar)		<input type="text"/> <input type="text"/> <input type="text"/> years <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> years <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> years <input type="text"/>
5 Education level What is the highest level of formal education received? ① No education (including preschoolers) ② Elementary school ③ Middle school ④ High school ⑤ College (less than 4 years) ⑥ University or higher (4 years or more) <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> ① Graduated/completed ② Enrolled/leave of absence ③ Dropped out </div>		<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>
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9 Period engaged in non-agriculture/forestry Months engaged in on agriculture/forestry during the past year · Includes months engaged in income-generating activities. · Include part-time jobs by housewives and students. ① None ② Less than 1 month ③ 1~3 months ④ 4~6 months ⑤ More than 6 months		<input type="text"/>	<input type="text"/>	<input type="text"/>
10 Main area of engagement Main area of engagement during the past year ① Agriculture ② Forestry ③ Fishery ④ Manufacturing ⑤ Construction ⑥ Wholesale/retail ⑦ Hotels & restaurants ⑧ Other ⑨ No engagement		<input type="text"/>	<input type="text"/>	<input type="text"/>

II. Agriculture → Households engaged in forestry only, go to 38.

A Cultivated land

■ Farmland refers to any land where crops are actually grown regardless of its description in legal classification. It includes cleared land, riverbed, and reclaimed land where crops are grown.

■ Paddies refer to farmland with irrigated water and where rice, water parsley, or lotus roots are grown. Dry field refers to farmland where farm products in general, such as fruits and trees are grown.

■ Uncultivated paddies and dry fields refer to idle fields that have not been cultivated for less than 2 years. Land that has been uncultivated for 2 years or more is not defined as farmland.

■ Land where perennial hayseeds are planted to raise livestock is not defined as farmland. It is reported as pasture in 28

12 Dry field

As of Dec. 1, 2015, do you have any dry fields?

• Include orchards, tree-planted fields, and cleared dry fields.

① Yes

② No → Go to 13



(Unit: m²)

Dry fields	백만	십만	만	천	백	십	일
Dry fields total							

Possession type	O w n e d						
	R e n t e d						

Cultivation type	C u l t i v a t e d						
	U n c u l t i v a t e d						

↑ Dry fields total

• Dry fields total = Owned + Rented
= Cultivated + Uncultivated

↩ Paddies total

• Paddies total = Owned + Rented
= Rearranged + Unarranged
= Single-cropping + Double-cropping +
Uncultivated

11 Paddies

As of Dec. 1, 2015, do you have any paddies?

• Although legally classified as a paddy, if dry field crops are grown repeatedly or facilities such as greenhouses are set up regularly, it is considered as a dry field.

① Yes

② No → Go to 12



(Unit: m²)

Paddy field	백만	십만	만	천	백	십	일
Paddies total							

Possession type	O w n e d						
	R e n t e d						

Arrangement type	R e a r r a n g e d						
	U n a r r a n g e d						

Cultivation type	S i n g l e - c r o p p i n g						
	D o u b l e - c r o p p i n g						
	U n c u l t i v a t e d						

B Open field crops

■ For rice paddy and food crops (13 ~ 16), enumerate the entire harvest, including those consumed personally.

■ For vegetables through si/gun/gu crops (17 ~ 24), enumerate only those cultivated for the purpose of sale

13 Paddy rice harvest area

Did you harvest paddy rice during the past year?

· Enter dry field rice as food crops in 16.

① Yes

② No → Go to 16

(Unit: m²)

Name	백만	십만	만	천	백	십	일
Paddy rice							

14 Paddy rice farming method

How did you farm paddy rice during the past year?

· Only if you entered paddy rice harvest area in 13.
· For each stage, mark ● on a relevant number.

Paddy rice farming method	In-house by a household member	Outsourcing (including machine-based processing)		Not engaged
		Entire	Partially	
Rice seeding	①	②	③	④
Tilling	①	②	③	④
Transplanting	①	②	③	④
Spraying agricultural chemicals	①	②	③	④
Rice cutting/threshing	①	②	③	

15 Organic fertilizer for paddy rice

Did you use organic fertilizer on paddy rice during the past year?

① Yes

② No → Go to 16

(Unit: m²)

Types of organic fertilizer	백만	십만	만	천	백	십	일
Compost							
Green manure crops							
Rice straw & barley straw							
Other organic fertilizers							

◆ Green manure crops : As a soiling manure crop, its stems and leaves are used as fertilizers (milk vetch, green barley, rape, etc.)

16 Food crops

Did you harvest food crops other than paddy rice during the past year?

· If harvested to use as feed such as feed-grade corn or feed-grade green barley, enter in 17.

① Yes

② No → Go to 17

(Unit: m²)

Name	백만	십만	만	천	백	십	일
Dry field rice							
Unhulled barley, naked barley							
Corn							
Soybean							
Red bean							
Potato							
Sweet potato							
Other food crops							

◆ Other food crops: Grains such as malting barley, wheat, rye, millet, sorghum, buckwheat, and mung bean

17 Vegetables and cash, flowering, and other crops

During the past year, did you harvest vegetables and cash and flowering crops in open fields for the purpose of sale?

① Yes

② No → Go to 18

(Unit: m²)

Name	백만	십만	만	천	백	십	일
Chinese cabbage							
Radish							
Hot pepper							
Onion							
Green onion							
Garlic							
Spinach							
Lettuce							
Squash							
Cabbage							
Cucumber							
Watermelon							
Carrot							
Ginseng (cultivation area)							
Sesame							
Perilla							
Peanut							
Flowering plants							
Other open field crops							

18

Wild edible greens, medicinal herbs, ornamental crops, oak mushrooms

Did you grow wild edible greens, medicinal herbs, ornamental crops, or oak mushrooms in open fields for the purpose of sale during the past year?

① Yes

② No → Go to 19

(Unit: m², plants)

Name	백만	십만	만	천	백	십	일
Wild greens							
Fragrant edible wild astre							
Balloon flower							
Codonopsis lanceolata							
Aralia shoots							
Bracken							
Other wild greens							
Medicinal plants							
Schizandra chinensis							
Cornelian cherry fruit							
Camphor							
Oriental raisin tree							
Chinese matrimony vine							
Araliaceae shrubs							
Sap							
Other medicinal crops							
Ornamental crops							
Garden trees							
Potted plants							
Wild flowers							
Lawn grass							
Other ornamental crops							
Oak mushrooms (no. of logs inoculated with mushrooms)							

A household growing wild greens, medicinal herbs, ornamental crops, or oak mushrooms in 18 and 20 must fill out "III. Forestry (38 ~ 44)" regardless of their sale amount.

C

Facility crops

19 Facility (greenhouse) area

Did you grow crops in facilities during the past year?

① Yes

② No → Go to 21

(Unit: m²)

Type of facility	백만	십만	만	천	백	십	일
Automated greenhouse							
Conventional greenhouse							
Mushroom farm							
Glass greenhouse							
Other							
Total							

20 Facility crops

Did you harvest crops at facilities for the purpose of sale during the past year?

• Enter fruits grown at facilities in 21 ~ 23.

• If a crop was harvested twice or more in one year, enter combined area.

• Enter cultivation area for wild greens, medicinal crops and ornamental crops.

① Yes

② No → Go to 21

(Unit: m², bags, logs)

Name	백만	십만	만	천	백	십	일
Vegetables							
Chinese cabbage							
Radish							
Hot pepper							
Spinach							
Lettuce							
Squash							
Cucumber							
Watermelon							
Tomato							
strawberry							
Oriental melon							
Western vegetable							
Flowering plants							
Wild greens							
Medicinal plants							
Ornamental crops							
Oak mushrooms							
Sawdust (no. of bags)							
Trunk (no. of logs)							
Other mushrooms							
Other facility crops							

D

Fruits → In the case of open field fruits, enter only if a household cultivated collectively in an area of at least 100m²

21 Major fruits and cultivation facilities

Did you grow any of the following fruits for the purpose of sale during the past year?

- For each fruit type, mark ● on all relevant facilities.
- For apples, pears, peaches, sweet persimmons, and astringent persimmons, combine open fields and facilities (greenhouses) cultivation.
- If engaged in facility (greenhouse) cultivation (①) only, check only whether irrigation facility (⑤) is available.

① Yes

② No → Go to 23

Fruit type and facility	Code	Facility (greenhouse)	Cultivation facility				No cultivation facility
			Bird control netting	Rainwater prevention	Supply or treated	Irrigation	
Apples	1	①	②	③	④	⑤	⑥
Pears	2	①	②	③	④	⑤	⑥
Peaches	3	①	②	③	④	⑤	⑥
Sweet persimmons	4	①	②	③	④	⑤	⑥
Grapes	Open field	5	②	③	④	⑤	⑥
	Facility (greenhouse)	①					⑤
Tangerines	Open field	7	②	③	④	⑤	⑥
	Facility (greenhouse)	①					⑤
Astringent persimmons	9	①	②	③	④	⑤	⑥

23 Other fruits

During the past year, did you grow fruits other than 'major fruits in 21' for the purpose of sale?

- For each fruit type, combine open field and facility (greenhouse) cultivation.

① Yes

② No → Go to 24

(Unit: m²)

Fruit type	백만	십만	만	천	백	십	일
Plums							
Japanese apricots							
Apricots							
Chestnuts							
Walnuts							
Jujubes							
Pine nuts							
Ginkgo nuts							
Korean black raspberries							
Other	Open field						
	Facility fruits						

A household growing astringent persimmons (21) and fruit trees (chestnuts, walnuts, jujubes, pine nuts, ginkgo nuts, Korean black raspberries in 23) must fill out "III. Forestry (38 ~ 44)" regardless of the sale amount.

22 Cultivation area and harvest area of major fruits

Please state the cultivation area and harvest area of major fruits (21) by fruit variety.

- For each fruit type, enter top 3 varieties in terms of cultivation area.
- Refer to the following for fruit type code and fruit variety code: Fruit type code: (21). Fruit variety code: 「Fruit Variety Code」 (Page 12 of the questionnaire)
- If 4 or more varieties of a single type are cultivated, combine them with the 3rd variety and enter "other" in the variety name.
- For subtotal, write down combined cultivation area and harvest area.
- If 4 or more fruit types in (21) are cultivated, fill out 2 out of 2 copies.

(Unit: m²)

Fruit type		Variety		Cultivation area							Harvest area						
Name	Code	Name	Code	백만	십만	만	천	백	십	일	백만	십만	만	천	백	십	일
		Subtotal															
		Subtotal															
		Subtotal															

E Si/Gun/Gu crops

24 Si/Gun/Gu crops

Did you harvest Si/Gun/Gu crops for the purpose of sales during the past year?

Refer to the "Census Guidelines" in Appendix for crops designated for each Si/Gun/Gu and their codes.

① Yes

② No → Go to 25

(Unit: m²)

Name	Code	백만	십만	만	천	백	십	일

F Livestock and pasture

25 Livestock

As of Dec. 1, 2015, do you raise livestock?

① Yes

② No → Go to 29

(Unit: animals, buckets)

Variety	십만	만	천	백	십	일
Korean beef cattle						
Beef cattle (including male milk cows)						
Milk cows						
Pigs						
Chicken						
Chickent for meat						
Chicken for eggs						
Ducks						
Goats						
Rabbits - Rabbits!						
Deer						
Dogs						
Bees (bucket)						
Other						

26 Shed type

As of Dec. 1, 2015, what type of shed do you usually use?

Type	Windowless shed	Open shed	Simple shed	Other
Korean beef cattle	①	②	③	④
Beef cattle	①	②	③	④
Milk cows	①	②	③	④
Pigs	①	②	③	④
Chicken				
Chicken for meat	①	②	③	④
Chickent for eggs	①	②	③	④
Ducks	①	②	③	④
Other ()	①	②	③	④

- ◆ Windowless shed: Shed without a window but has ventilation facilities such as a fan.
- ◆ Open shed: Shed in an open area for natural ventilation.
- ◆ Simple shed: Simple shed built of polyvinyl.
- ◆ Other shed: Sheds not described above, e.g., traditional stall, small-scale shed.

27 Livestock night soil disposal

As of Dec. 1, 2015, what is the main method for disposing of night soil from raised livestock?

In the case of in-house-disposal, mark ● on a specific method (①~⑤).

① In-house

① Composting

② Liquidation

③ Composting and liquidation

④ Purification

⑤ Other (includes no treatment facility)

② Outsourcing

28 Pasture

As of Dec. 1, 2015, do you maintain pasture to raise livestock?

Enter annual feed crops grown in paddies/dry fields in "B. Open field crops".

① Yes

② No → Go to 29

(Unit: m²)

Pasture area	백만	십만	만	천	백	십	일

G Agriculture management

29 Sale amount

What is the total sale amount of agricultural and livestock products directly produced during the past year?

State total amount of sales, not net income

No sales	Less than KR W 1.2 million	KR W 1.2 ~ less than 3 million	KR W 3 ~ less than 5 million	KR W 5 ~ less than 10 million	KR W 10 ~ less than 20 million	KR W 20 ~ less than 30 million	KR W 30 ~ less than 50 million	KR W 50 ~ less than 100 million	KR W 100 ~ less than 200 million	KR W 200 ~ less than 500 million	KR W 500 million or over
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫

30 Management type

What management type generated the highest sales during the past year?

- If there were no sales, mark ● on a type that was engaged for the longest period.
- Mark ● on only one between crop cultivation (open field, facility) and livestock.
- If engaged in fruit and livestock raising, mark ● on the kinds of fruit and livestock.

Management type	Open field	Facility
Paddy rice	①	②
Food crops	①	②
Vegetables & vld greens	①	②
Cash crops, mushrooms	①	②
Fruits	①	②
Medicinal crops	①	②
Flowering and ornamental crops	①	②
Other	①	②

- ① Apples ② Pears
- ③ Peaches
- ④ Sweet persimmons
- ⑤ Grapes ⑥ Tangerines
- ⑦ Astringent persimmons
- ⑧ Other

- ① Korean beef cattle
- ② Milk cows
- ③ Pigs ④ Chicken for meat
- ⑤ Chicken for eggs ⑥ Ducks
- ⑦ Other

Livestock

③

31 Place of sales

What sales channel generated the highest sales during the past year?

- ① Wholesale market
- ② Producers' market
- ③ Agricultural cooperative federation/agricultural corporation
- ④ Government purchase (public reserve, etc.)
- ⑤ Intermediary merchant
- ⑥ Environment-friendly farm product distributors (including life cooperatives)
- ⑦ Individual consumers
- ⑧ Agricultural and livestock product processors
- ⑨ Agricultural and livestock product retailers
- ⑩ Others (including no sales)

32 Participation in producer organizations

What producer organization did you participate in during the past year in relation to agriculture?

• Mark ● on all relevant numbers.

Crop clubs					Corporations				No participation
Paddy rice	Vegetables, wild greens	Cash and medicinal	Flowering & ornamental	Fruits	Others (including livestock)	Agricultural cooperatives	Agricultural companies	Other (Associations)	
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

33 Agriculture-related business

What business did you engage in ~~in relation to~~ *in regarding* agriculture during the past year?

• Mark ● on all relevant numbers.
• Includes projects by village and producer organizations.

- ① Direct marketplace
- ② Direct trade
- ③ Restaurants
- ④ Processing
- ⑤ Farming machinery operation services
- ⑥ Tourism (weekend farm, homestays, etc.)
- ⑦ None

34 Farming region

As of Dec. 1, 2015, where is your cultivated land or livestock shed located?

• If located in two or more regions, mark ● on the major region.

- ① Si/Gun/Gu currently living
- ② Another Si/Gun/Gu

In case of another Si/Gun/Gu, state the name of that administrative district.

City/Province	Si/Gun/Gu

35 Employment

Did you employ any farm workers during the past year?

• For each employee, mark ● on relevant employment period. If it is 3 months or more, enter the number of Korean and foreigner employees.

① Yes

② No → Go to 36

(Unit: persons)

Employment period			
Less than 1 month	1 ~ 3 months	4 ~ 6 months	More than 6 months
①	②	③	④

No. of employees		십	일	십	일
Korean	M				
	F				
Foreigner	M				
	F				

36 Possession of farming machinery

As of Dec. 1, 2015, do you have any farming machines or cold storage rooms?

① Yes

② No → Go to 37

(Unit: set)

Farming machinery	천	백	십	일
Power tiller				
Farm tractor				
Combine				
Multi-purpose cultivator				
Grain dryer				
Rice transplanter				
SS sprayer for orchards				
Excavator				

(Unit: m²)

Low temperature warehouse (floor area)				
--	--	--	--	--

37 Full-time and part-time

For the past year, which was higher between agricultural income and non-agricultural income?

• If a household member has been engaged in non-agriculture in (9) at least 1 month, mark ● on ② or ③.

- ① Agricultural income only
- ② Agricultural income is higher
- ③ Non-agricultural income is higher

《 Additional survey on forestry 》

A household growing wild greens, medicinal crops, ornamental crops, and oak mushrooms in 18 and 20, astringent persimmons in 21, fruit trees in 23 (walnut, jujube, pine nut, ginkgo nut, Korean black raspberry) must fill out " III. Forestry (38 ~ 44)" regardless of the their sale amount.

III. Forestry → If engaged in agriculture only, go to 45.

H Forestry production

38 Forest area

As of Dec. 1, 2015, do you own any forest land?

- For managed forest, enter forest area actually used for forestation, etc.
- If the forest has been cleared and fruits, trees, or seedlings are grown collectively in an area of at least 100, enter to "dry field" area in 12.

① Yes

② No → Go to 40

(Unit: m²)

Forest	백만	십만	만	천	백	십	일
Forest area total							

Possession type	Owned						
	Rented						

Usage type	Managed						
	Unmanaged						

↑ Forest area total

- Forest area total = Owned + Rented
- = Managed + Unmanaged

39 Forestation

For the past 5 years (Dec. 1, 2010 ~ Nov. 30, 2015), did you engage in forestation in your forest?

- Mark ● on all relevant numbers.
- Forest tending: maintaining young trees, pruning, insect control, mowing

- ① Planting trees
③ Thinning
⑤ Picking

- ② Forest tending
④ Logging
⑥ None

40 Logging and nursery (cultivating seedlings for forestation)

Did you engage in logging or cultivating seedlings for forestation for the past year?

① Yes

② No → Go to 41

(단위: m²)

Logging and nursery	백만	십만	만	천	백	십	일
Logging area							
Nursery area							

41 Picking

Did you pick forest products in forests you do not own for the purpose of sale during the past year?

- Mark ● on all varieties picked.

① Yes

② No → Go to 42

Mushrooms		Nuts	Wild greens			Medicinal herbs	Sap
Pine mushrooms	Other		Fragrant edible wild astra	Bracken	Other		
①	②	③	④	⑤	⑥	⑦	⑧

- Nuts: Acorns, Korean wild grapes, Siberian gooseberries, raspberries, Chinese peppers, etc.
- Other wild greens: Codonopsis lanceolata, aralia shoots, pinipella brachycarpa, solomon's seals, etc.
- Medicinal herbs: Arrowroots, atractylodes japonica, epimedium koreanum, chinese matrimony vine, Siberian chrysanthemum, gigantic angelica, etc.
- Sap: Painted maple, betula costata, schmidt birch, etc.

A household not engaged in forestation (39), logging and nursery (40), or picking (41), → go to 45

I Forestry management

42 Sale amount

What is the total sale amount of forest products directly produced during the past year?

- Exclude sales from crops surveyed in the agriculture section.
- Mark ● on the sales amount from forestation, logging, nursery, and picking only.

No sales	Less than KR W 1.2 million	KR W 1.2 ~ less than 3 million	KR W 3 ~ less than 5 million	KR W 5 ~ less than 10 million	KR W 10 ~ less than 20 million	KR W 20 ~ less than 30 million	KR W 30 ~ less than 50 million	KR W 50 ~ less than 100 million	KR W 100 ~ less than 200 million	KR W 200 ~ less than 500 million	KR W 500 million or over
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫

43 Management type

What activity generated the highest sales during the past year?

- If there were no sales, mark ● on a type that was done for the longest period.
- If engaged in picking, mark ● on a specific type (㉠~㉣)

① Forestation

② Logging

③ Nursery

④ Picking

- ㉠ Pine mushrooms ㉡ Other mushrooms
㉢ Nuts ㉣ Medicinal plants
㉤ Wild greens ㉥ Sap

44 Place of sales

What is the place of sales that generated the highest sales during the past year?

- ① Wholesale markets ② Producers markets
③ Agricultural Cooperatives & forestry cooperatives ④ Intermediary merchants
⑤ Individual consumers ⑥ Forest product processors
⑦ Forest product retailers ⑧ Others(including no sales)

5 page

J Business owner features

45 Business owner experience

How many years has the business owner been engaged in agriculture and forestry each?

- Count the years of experience since the person turned 16 in Korean age.
- State total number of years engaged in agriculture and forestry at least 1 month annually (in case of business owners or main business engaged).

Agriculture		Forestry	
Experience	<input type="text"/> <input type="text"/> years	Experience	<input type="text"/> <input type="text"/> years
Member no.	<input type="text"/> <input type="text"/>	Member no.	<input type="text"/> <input type="text"/>

46 Engagement in agriculture and forestry 5 years ago

Were you engaged in agriculture and forestry 5 years ago (Dec. 1, 2010)?

- ① Yes → Go to 47 ② No

What areas were you primarily engaged in 5 years ago (Dec. 1, 2010)?

- ① Fishery ② Manufacturing ③ Construction
④ Wholesale & retail ⑤ Hotels and restaurants
⑥ Other ⑦ None

47 Residence 5 years ago

Where did you live 5 years ago (Dec. 1, 2010)?

- ① Current house
② Another house in the same Si/Gun/Gu
③ Another Si/Gun/Gu
④ North Korea or overseas

If another si/gun/gu, state the current administrative district of the city/province and si/gun/gu.

<input type="text"/>	City/Province	<input type="text"/>	Si/Gun/Gu
<input type="text"/>		<input type="text"/>	

K Household information

48 Possession and use of IT devices

48-1 Mark ● on all IT devices you have as of Dec. 1, 2015.

- ① Computer ② Smart phone ③ Other ④ None → Go to 49

48-2 Did you use any IT devices for agriculture and forestry during the past year?

- Mark ● on all the relevant numbers.

- ① Yes ② No → Go to 49

Use of IT devices	Computer	Smart phone	Other
Sales of agricultural and forestry products (e-commerce)	①	②	③
Agriculture and forestry tourism (weekend farms, homestay information, etc.)	①	②	③
Agriculture and forestry management (facility automation, business management, etc.)	①	②	③
Collection of agriculture and forestry information	①	②	③
Other	①	②	③

49 Possession of transportation means

As of Dec. 1, 2015, do you have a car, motorcycle, or bicycle that can be used as means of transportation?

- Mark ● on all the relevant numbers.

- Exclude means not available for transportation, e.g., children's bicycle
① Passenger car (for 10 or fewer passengers) ② Van (for 11 passengers or more)
③ Truck, special vehicle ④ Motorcycle (including 4-wheeled)
⑤ Bicycles ⑥ Other (tractor, heavy equipment for construction, etc.) ⑦ None

50 Heating facility

What is the main means of heating in this household?

- ① Centralized heating ② Regional heating ③ City gas boiler
④ Oil boiler ⑤ Propane gas (LPG) boiler ⑥ Electric boiler
⑦ Briquette boiler ⑧ Fire wood boiler ⑨ Briquette furnace
⑩ Traditional furnace ⑪ Other

51 Type of residential facility

What type of residential facility is this household and how is it used?

- Kitchen - ① Modern ② Traditional ③ None and ① Used solely ② Used jointly
- Toilet - ① Flush ② Traditional ③ Not available and ① Used solely ② Used jointly
- Bathing facility (tub, shower booth, etc.) - ① Available ② Not available and ① Used solely ② Used jointly
- Water facilities - ① Water supply ② Village waterworks (small-scale) ③ Exclusive waterworks (Private waterworks to supply certain facilities such as private houses) ④ Not available
- Hot water facility - ① Available ② Not available

〈 과수 품종 부호 〉												
품종 명칭		부호	품종 명칭		부호	품종 명칭		부호	품종 명칭		부호	
사 과			감 천 배	14	대 구 보	28	천 중 도 백 도	43	캠 벨 얼 리	56	일 남 1 호	70
감	홍	01	금 촌 조 생	15	레 드 골 드	29	천 홍	44	홍 이 슬	57	청 견	71
산	사	02	녹 수	16	미 백	30	판 타 지 아	45	흑 구 슬	58	탐 도 1 호	72
서	홍	03	만 풍 배	17	미 홍	31	황 도	46	흑 보 석	59	탐 라 조 생	73
선	홍	04	신 고	18	백 도	32	기 타	47	기 타	60	하 레 조 생	74
서 머 드 림		05	원 황	19	백 봉	33	단 감		감 굴		홍 진 조 생	75
쓰	가 루	06	장 십 랑	20	수 미	34	부 유	48	감 평	61	기타(은주밀감류)	76
양	광	07	진 황	21	수 홍	35	서 촌 조 생	49	궁본조생(미야모도)	62	기타(만감류 등)	77
홍	금	08	추 황 배	22	신 백 도	36	차 랑	50	궁 천 조 생	63	떨 은 감	
홍	로	09	한 아 름	23	아 부 백 도	37	기 타	51	남 감 2 0 호	64	갑 주 백 목	78
홍	옥	10	화 산	24	유 명	38	포 도		다 원 조 생	65	고 종 시	79
홍	월	11	황 금 배	25	월 미 복 송 아	39	거 봉	52	부지화(한라봉)	66	둥 시	80
후 지 (부 사)		12	기 타	26	월 봉 조 생	40	마스캇베리에이	53	상 도 조 생	67	월 하 시	81
기 타		13	복 송 아		장 호 원 백 도	41	새 단	54	천혜향(세토카)	68	청 도 반 시	82
배			기 도 백 도	27	창 방 조 생	42	수 옥	55	유 라 조 생	69	기 타	83