

Farm structure in Slovenia - 2007

One out of four Slovenian farmers is a woman.

This Statistics in Focus is part of a series of country-specific publications on the results of the Farm Structure Survey (FSS) 2007. It provides a brief but nevertheless comprehensive insight into the farm structure in Slovenia.

75 300 agricultural holdings were recorded in Slovenia in the 2007 Farm structure survey (2.4% less than in 2005).

* * *

Due to the different coverage of the FSS across Member States, the total number of surveyed farms is not comparable between countries. This is why **the present analysis focuses on holdings of at least one European Size Unit (ESU)**. See the methodological notes for more information on the concept of ESU.

In 2007, about **61 500 agricultural holdings** had an economic size of at least 1 ESU, compared to 60 900 in 2005.

- They used about **0.46 million ha of utilised agricultural area (UAA)**, which is on average 7.5 ha per holding (compared to 7.4 ha in 2005);
- These holdings employed **75 000 AWUs** (annual work units), the equivalent of 75 000 people working full time; (- 9% compared to 2005);
- They had **540 300 livestock units (LSU)** in 2007, 7% less than in 2005.

Amongst these **61 500** agricultural holdings:

- 44% made use of less than one AWU, while another 15% made use of 2 or more AWUs;
- 16% used less than 2 ha, while less than 1% used 50 ha or more;
- 54% were producing mainly for own consumption, the number of farms with more than 50% of the production self-consumed by the holder decreased by 10% since 2005;

- 44% of the farms were specialized in livestock;
- 15% were sheep, goats and other grazing livestock specialists;
- 14% were mixed cropping holdings;
- 13% were mixed livestock holdings;

The family labour force has remained steady from 2005 to 2007, and represents 92% of the farm workers.

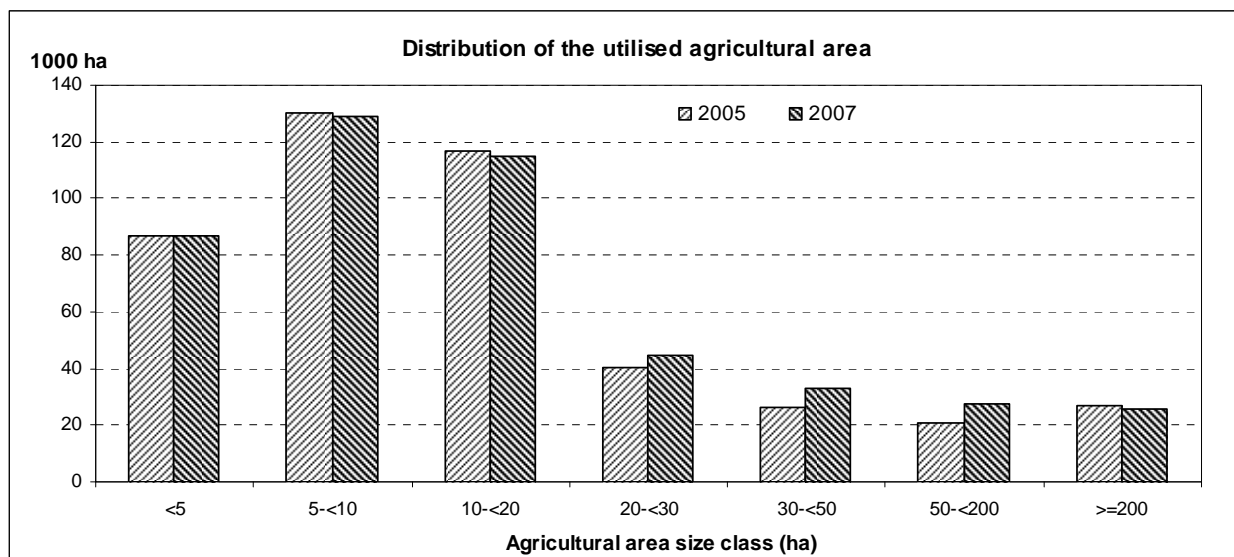
Amongst the sole holders:

- 25% were women in 2007;
- 57% were aged 55 or more, and 4% were younger than 35 years, the tendency is for ageing of the farm holders;
- 75% of the sole holders had another gainful activity in 2007 (compared to 71% in 2005);

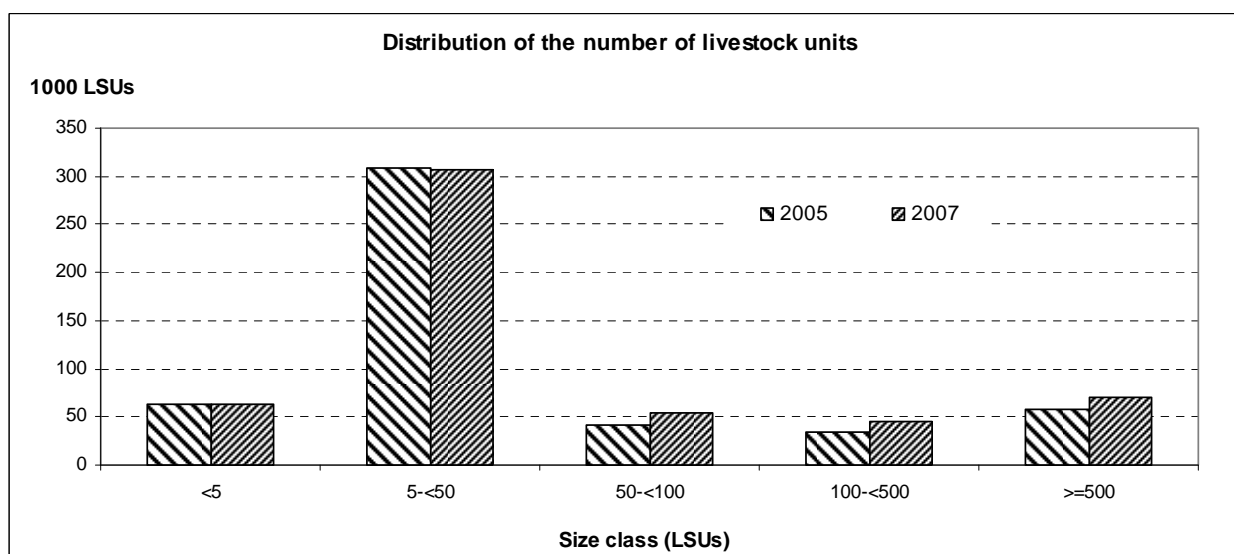
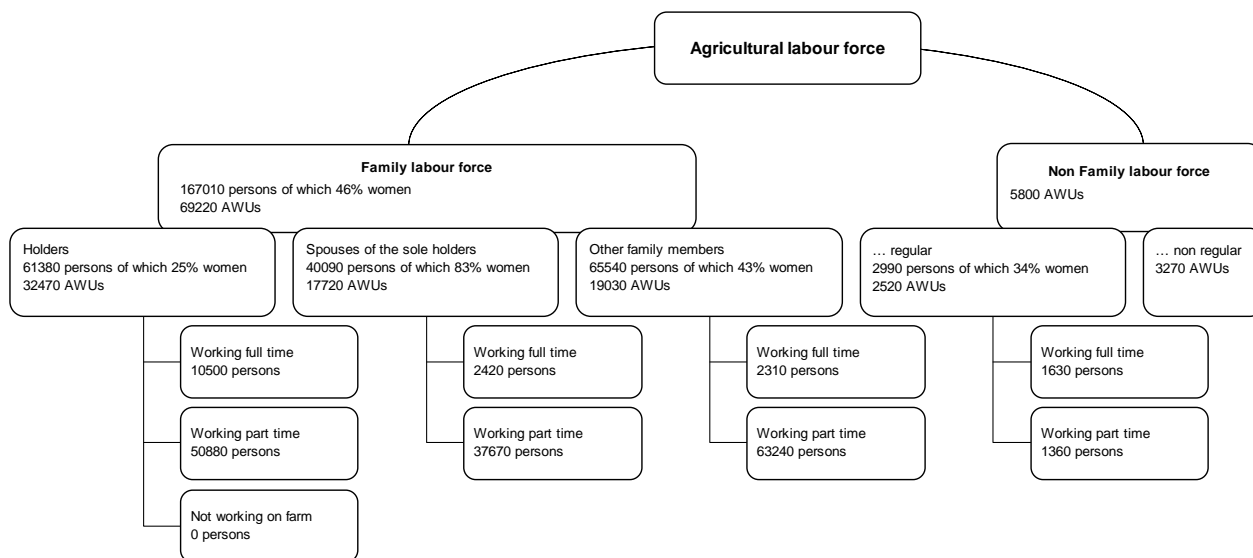
In Slovenia in 2007 70% of the utilised agricultural area was owned by farmers.

58% of the UAA was occupied by permanent grassland and meadow.

24 100 ha were organically farmed (5.2% of the utilised agricultural area), this area has increased by 47% since 2005. The number of farms with organic farming increased by 30%, but represents only 2% of holdings.



Description of the labour force in Slovenia



*LSUs = Livestock Unit

Size of the farms	Agricultural area (ha)				All farms	Livestock (LSU*)				
	<20	20-<50	50-<100	>=100		0	>0-<50	50-<100	>=100	
Total labour force										
1000 annual work units	66.9	5.8	0.7	1.6	75.0	7.9	63.7	1.8	1.7	
Family labour force										
1000 persons	156.9	9.0	1.0	0.2	167.0	17.7	145.7	2.7	0.9	
1000 annual work units	63.2	5.3	0.6	0.1	69.2	5.7	61.3	1.7	0.6	
Non-family labour regularly employed										
1000 persons	1.2	0.3	0.1	1.5	3.0	1.6	0.1	0.1	1.2	
1000 annual work units	1.0	0.2	0.1	1.2	2.5	1.4	0.1	0.1	1.0	
Non regular non family labour force										
1000 annual work units	2.7	0.2	0.1	0.3	3.3	0.8	2.3	0.1	0.1	
Holding managers	1000	58.4	2.8	0.3	0.1	61.5	8.1	52.3	0.8	0.3
- women (%)		25.5	10.9	7.2	8.2	24.7	22.5	25.3	14.0	12.0
- part-time: - under 50 % (%)		52.2	14.8	5.9	5.1	50.2	68.5	48.1	15.2	10.0
- 50 % and over (%)		32.9	26.6	20.7	11.2	32.5	22.3	34.3	23.3	19.1
Sole/main holders	1000	58.3	2.7	0.3	0.1	61.4	8.0	52.3	0.8	0.3
- women (%)		25.5	10.9	7.4	9.8	24.7	22.6	25.3	14.0	12.6
-distribution by age (%)										
- under 35 years		3.9	9.1	13.5	14.8	4.1	4.3	4.0	10.0	10.4
- from 35 to 44 years		12.9	29.0	29.4	27.9	13.7	14.0	13.4	27.9	26.0
- from 45 to 54 years		24.8	31.2	33.0	34.4	25.2	29.6	24.3	32.6	32.7
- from 55 to 64 years		23.5	16.2	12.1	16.4	23.1	23.8	23.2	15.7	19.3
- 65 years and over		34.8	14.5	12.1	6.6	33.8	28.3	35.1	13.8	11.5
- part-time: - under 50 % (%)		52.2	14.9	6.0	8.2	50.3	69.2	48.1	15.3	11.5
- 50 % and over (%)		33.0	26.8	21.3	18.0	32.6	22.5	34.3	23.4	21.9
- with another gainful activity ² (%)		76.9	40.6	23.8	26.2	75.0	84.6	74.3	38.2	30.5
- as a main occupation		58.1	19.2	9.9	13.1	56.1	74.5	54.1	16.9	10.8
- as a subsidiary occupation		18.8	21.5	14.2	14.8	18.9	10.1	20.2	21.3	19.7
Spouse of sole holder	1000	37.7	2.1	0.2	0.0	40.1	4.5	34.7	0.6	0.2
- women (%)		82.1	90.9	93.8	88.4	82.7	81.2	82.7	90.0	87.9
-distribution by age (%)										
- under 35 years		5.2	11.3	14.7	11.6	5.6	4.9	5.5	12.2	13.4
- from 35 to 54 years		48.8	65.7	68.3	72.1	49.9	59.0	48.3	67.5	64.3
- 55 years and over		46.0	23.0	17.0	14.0	44.6	36.1	46.3	20.3	22.3
- part-time: - under 50 % (%)		63.3	34.8	37.5	37.2	61.6	82.2	59.7	32.8	28.1
- 50 % and over (%)		31.5	45.9	39.7	27.9	32.3	13.9	34.5	39.9	44.2
- with another gainful activity (%)		92.8	80.1	70.5	60.5	92.0	96.2	92.0	71.9	60.7
Other members of the holder's family working on the holding	1000	60.8	4.2	0.5	0.1	65.5	5.2	58.6	1.3	0.4
- women (%)		43.1	44.0	41.6	44.0	43.2	40.9	43.4	44.3	43.1
- part-time: - under 50 % (%)		84.0	68.4	59.0	65.3	82.8	89.0	82.9	60.5	63.7
- 50 % and over (%)		13.2	19.7	23.3	21.3	13.7	8.5	13.9	24.7	20.7
- with another gainful activity (%)		96.3	88.6	82.8	89.3	95.7	96.4	96.0	84.6	84.9

*LSU = Livestock unit

¹ Holdings of at least 1 ESU (see page 1)² Only holders who are also farm managers

"0" less than a half of the unit or nil

Size of the farms	Agricultural area (ha)				All farms	Livestock (LSU)				
	<20	20-<50	50-<100	>=100		0	>0-<50	50-<100	>=100	
Holdings										
- total number	1000	58.4	2.8	0.3	0.1	61.5	8.1	52.3	0.8	0.3
- by legal personality of the holder	(%)									
- sole holder		99.9	99.4	97.2	62.2	99.8	99.1	100.0	99.6	87.1
- legal person		0.1	0.6	2.8	37.8	0.2	0.9	0	0.4	12.9
- group holders		0	0	0	0	0	0	0	0	0
- by employed labour force	(%)									
- under 1 AWU		45.7	8.8	4.5	5.1	43.8	71.7	40.3	6.7	6.5
- from 1 to less than 2 AWU		41.1	41.2	27.6	16.3	41.0	21.3	44.2	33.8	26.2
- from 2 to less than 3 AWU		11.3	36.3	38.3	27.6	12.6	4.5	13.3	41.1	31.7
- 3 AWU and over		1.9	13.7	29.7	50.0	2.6	2.5	2.2	18.5	35.3
- by economic size	(%)									
- from 1 to less than 8 ESU		84.7	11.0	2.8	3.1	80.9	87.8	81.5	0.1	0
- from 8 to less than 16 ESU		11.1	23.5	9.7	3.1	11.6	6.6	12.5	12.0	0
- from 16 to less than 40 ESU		3.6	54.0	26.9	12.2	6.0	3.6	5.4	58.8	35.3
- from 40 to less than 100 ESU		0.3	10.7	55.9	39.8	1.1	1.3	0.3	28.1	49.8
- 100 ESU and over		0.3	0.8	4.8	41.8	0.4	0.7	0.2	1.0	14.6
- by type of farming (top 5 + 'other')	(%)									
... sheep, goats and other grazing livestock		14.7	9.2	14.8	26.5	14.5	18.1	14.2	2.5	1.3
... mixed cropping		14.9	4.0	6.2	0	14.4	15.1	14.5	1.7	1.3
... mixed livestock, mainly grazing livestock		13.3	5.3	3.8	1.0	12.9	4.5	14.3	4.4	1.6
... specialist dairy farming		10.5	35.1	33.8	13.3	11.7	0	13.0	40.7	15.2
... specialist cattle – rearing and fattening		9.1	9.2	9.0	6.1	9.1	0	10.6	5.1	3.6
Other types of farming		37.5	37.1	32.4	53.1	37.5	62.3	33.3	45.6	77.0
- by farming methods	(%)									
- organic farming		2.0	8.0	16.2	19.4	2.4	1.3	2.6	2.9	0.3
- irrigating		1.9	2.7	2.8	5.1	1.9	5.6	1.3	1.4	3.2
- with crops under glass		2.1	2.5	3.8	3.1	2.1	3.5	1.9	3.9	1.3
- with another gainful activity than agricultural production:	(%)									
Tourism		1.0	1.6	2.4	1.0	1.0	1.0	1.0	1.2	1.3
Handicraft		0.2	0.5	0.3	0	0.2	0.7	0.2	0.1	0
Processing of farm products		1.4	2.4	1.7	1.0	1.4	2.5	1.2	2.4	3.6
Wood processing		0.6	1.7	1.0	0	0.6	0.2	0.7	0.5	0.3
Aquaculture		0	0	0	0	0	0	0	0	0
Renewable energy production		0.1	0.3	0.3	0	0.1	0	0.1	0.4	0.6
Contractual work		0.8	6.8	8.6	10.2	1.1	0.5	1.1	5.6	8.1
Other gainful activities n.a.e		1.3	5.9	3.8	1.0	1.5	0.7	1.5	3.5	3.9

*LSU = Livestock unit

¹ Holdings of at least 1 ESU (see page 1)

": not available

"0" less than a half of the unit or nil

Size of the farms	Agricultural area (ha)				All farms	Livestock (LSU)				
	<20	20-<50	50-<100	>=100		0	>0-<50	50-<100	>=100	
Area	(1000 ha)									
Total area of agricultural holdings	673.5	108.5	21.8	35.6	839.5	77.9	705.2	31.2	25.1	
• H. Other area	343.1	30.8	2.6	1.6	378.1	32.5	337.8	5.7	2.1	
Wooded area	302.3	27.8	2.1	1.1	333.3	26.4	299.9	5.2	1.8	
• Agricultural area	330.3	77.7	19.3	34.0	461.4	45.4	367.5	25.5	23.0	
- D. Arable land	102.7	34.7	10.4	21.2	169.1	19.1	119.1	14.2	16.8	
Cereals	60.3	16.5	5.4	14.1	96.3	12.8	66.9	6.8	9.8	
<i>Common wheat and spelt</i>	17.2	5.1	1.9	7.2	31.4	5.9	19.4	2.0	4.2	
<i>Durum wheat</i>	0	0	0	0	0	0	0	0	0	
<i>Rye</i>	0.5	0.1	0	0.1	0.8	0.1	0.6	0	0.1	
<i>Barley</i>	13.1	3.2	0.8	0.9	18.0	1.1	14.4	1.4	1.1	
<i>Oats</i>	1.7	0.4	0.1	0.1	2.3	0.1	1.9	0.1	0.1	
<i>Grain maize</i>	25.4	6.8	2.2	5.6	40.0	5.4	27.7	2.9	4.0	
Dried pulses	1.1	0.6	0.3	0.3	2.3	0.4	1.6	0.2	0.1	
Root crops	4.9	0.8	0.1	0.1	5.9	0.5	5.1	0.1	0.1	
<i>Potatoes</i>	4.5	0.8	0.1	0.1	5.4	0.5	4.6	0.1	0.1	
<i>Sugar beet</i>	0	0	0	0	0	0	0	0	0	
<i>Fodder root</i>	0.5	0	0	0	0.5	0	0.5	0	0	
Industrial crops	5.0	1.9	0.8	3.0	10.7	2.6	6.1	0.5	1.6	
<i>Tobacco</i>	0	0	0	0	0	0	0	0	0	
<i>Hops</i>	0.2	0.5	0.2	0.3	1.3	0.4	0.8	0	0	
<i>Cotton</i>	0	0	0	0	0	0	0	0	0	
<i>Rape and turnip</i>	1.4	0.8	0.5	2.6	5.3	1.5	2.0	0.3	1.5	
<i>Sunflower</i>	0.1	0.1	0	0	0.2	0.1	0.1	0	0.1	
<i>Soya</i>	0.1	0	0	0	0.1	0.1	0.1	0	0	
Fresh vegetables, melons, strawberry	0.8	0.3	0	0	1.1	0.3	0.7	0	0	
<i>outside</i>	0.7	0.3	0	0	1.0	0.3	0.6	0	0	
<i>under glass</i>	0.1	0	0	0	0.1	0.1	0.1	0	0	
Flower and ornamental plants	0.1	0	0	0	0.2	0.1	0	0	0	
<i>outside</i>	0.1	0	0	0	0.1	0.1	0	0	0	
<i>under glass</i>	0	0	0	0	0	0	0	0	0	
Forage plants	30.0	14.0	3.5	3.2	50.8	1.9	38.1	6.2	4.5	
Fallow land	0.4	0.5	0.4	0.4	1.7	0.3	0.5	0.4	0.5	
- E. Kitchen garden	1.5	0.1	0	0	1.6	0.3	1.3	0	0	
- F. Permanent pasture and meadows	206.6	41.2	8.6	9.1	265.4	15.0	233.8	11.1	5.5	
- G. Permanent crops	19.5	1.7	0.3	3.7	25.2	11.0	13.3	0.2	0.7	
Fruit and berry plantation	6.9	0.6	0.2	1.2	8.8	3.2	5.2	0	0.3	
Citrus plantation	:	:	:	:	:	:	:	:	:	
Olive trees	0.5	0	0	0	0.6	0.4	0.2	0	0	
Vineyard	12.0	1.1	0.1	2.5	15.6	7.2	7.8	0.2	0.4	
Ratios										
Agricultural area per holding	(ha)	5.7	28.1	66.4	347.2	7.5	5.6	7.0	31.9	74.3
Agricultural area...	(%)									
... own farmed		82.2	51.4	35.1	10.7	69.8	61.0	75.3	44.6	26.1
... in less favoured or mountain area		77.6	65.1	60.8	38.3	71.9	57.9	76.8	56.9	38.5
... organic farmed		3.2	8.3	17.0	10.9	5.2	1.3	5.7	9.0	0.8
... irrigated		0.3	0.4	0.6	0.4	0.3	1.4	0.2	0.1	0.1

*LSU = Livestock unit

¹ Holdings of at least 1 ESU (see page 1)

":" not available

"0" less than a half of the unit or nil

Size of the farms		Agricultural area (ha)				All farms	Livestock (LSU)			
		<20	20-<50	50-<100	>=100		0	>0-<50	50-<100	>=100
Total livestock	(1000 LSU)	402.2	97.3	21.9	18.9	540.3	0	370.7	54.6	115.1
of which grazing	(%)	63.1	77.0	69.1	59.5	65.7	:	82.1	57.9	16.4
Grazing livestock	(1000 heads)									
Equidae		12.4	2.5	0.6	0.7	16.1	0	14.9	0.5	0.7
Bovine animals		330.1	97.9	19.3	14.2	461.4	0	394.5	41.4	25.5
Under 1 year		106.2	28.7	5.5	3.9	144.3	0	125.6	11.5	7.2
From 1 to less than 2 years		85.7	24.7	5.3	5.2	121.0	0	101.2	10.7	9.0
Dairy cows		81.0	33.0	6.0	3.9	124.0	0	101.5	14.9	7.5
Other cows		41.4	5.9	1.2	0.5	49.1	0	46.9	1.7	0.5
Other bovine animals 2 years and older		15.7	5.5	1.2	0.8	23.1	0	19.3	2.5	1.3
Sheep		106.0	16.9	6.7	5.8	135.5	0	128.3	6.6	0.6
Goats		30.8	2.5	0.8	0.4	34.4	0	34.0	0.3	0.1
Granivores										
Pigs	(1000 heads)	430.8	70.6	17.3	17.3	536.1	0	230.3	62.6	243.1
Piglets < 20 kg		144.9	17.7	3.2	4.8	170.7	0	58.1	12.6	100.0
Breeding sows		41.0	6.7	0.9	1.7	50.2	0	21.3	4.9	24.1
Other pigs		244.9	46.2	13.3	10.8	315.2	0	150.9	45.2	119.1
Poultry	(million heads)	4.3	0.6	0.2	0.2	5.3	0	0.6	0.8	3.8
Broilers		2.8	0.5	0.1	0	3.4	0	0.2	0.7	2.5
Laying hens		1.0	0	0	0.1	1.2	0	0.4	0.1	0.7
Other poultry		0.5	0	0	0.1	0.7	0	0	0	0.6
Rabbits, breeding females	(1000 heads)	18.4	0.6	0	0	19.0	0	19.0	0	0
Beehives	(1000)	38.5	1.0	0	0	39.6	9.2	30.0	0.3	0.2
Average size of herds*	(head/holding)									
Equidae	(head/holding)	3.5	6.5	9.7	37.1	4.1	:	3.9	5.7	23.4
Cattle	(head/holding)	9.8	41.9	83.7	274.0	12.7	:	11.1	68.7	142.5
Dairy cows	(head/holding)	4.7	19.2	39.4	161.7	6.5	:	5.5	31.3	72.6
Other cows	(head/holding)	2.9	6.4	11.5	24.6	3.2	:	3.1	7.3	7.8
Sheep	(head/holding)	19.4	71.6	160.3	304.7	23.5	:	22.5	177.2	42.1
Goats	(head/holding)	8.1	14.8	31.3	38.9	8.6	:	8.6	11.1	11.0
Pigs	(head/holding)	16.2	50.9	142.1	722.0	19.0	:	8.4	121.2	1246.6
Breeding sows	(head/holding)	8.9	14.2	18.5	168.6	9.8	:	4.5	19.6	227.0
Other pigs > 20 kg	(head/holding)	9.4	33.7	112.5	450.3	11.4	:	5.6	89.0	623.4
Rabbits, breeding females	(head/holding)	3.4	4.2	3.3	8.5	3.4	:	3.4	2.6	2.7
Laying hens	(1000/holding)	0	0	0.4	6.2	0	:	0	0.3	10.1
Broilers	(1000/holding)	1.1	5.0	8.8	12.0	1.3	:	0.1	7.3	24.7
Beehives	(hive/holding)	24.3	11.1	14.7	11.0	23.5	41.0	20.9	15.0	20.0

*LSU = Livestock unit

¹ Holdings of at least 1 ESU (see page 1)

		Absolute figures			% of total	
		Total	< 1 ESU	>= 1 ESU	< 1 ESU	>= 1 ESU
Regular Labour force	(1000 pers)	200.6	30.6	170.0	15.3	84.7
Regular labour force	(1000 AWU)	80.0	8.3	71.7	10.3	89.7
Holders with...	(1000)	75.2	13.8	61.4	18.4	81.6
... at least 65 years		26.3	5.5	20.8	21.1	78.9
... another gainful activity		58.6	12.5	46.0	21.4	78.6
Number of sole holdings	(1000)	75.3	13.8	61.5	18.4	81.6
... producing mainly for own consumption		45.6	12.3	33.3	26.9	73.1
... producing mainly for direct sales		4.6	0.1	4.5	2.2	97.8
SGM	(1000 ESU)	444.2	8.8	435.3	2.0	98.0
Agricultural area	(1000 ha)	488.8	27.4	461.4	5.6	94.4
... own farmed		347.2	25.3	321.9	7.3	92.7
Livestock	(1000 LSU*)	553.6	13.3	540.3	2.4	97.6

*LSU = Livestock Unit

► METHODOLOGICAL NOTES

The 2007 survey on the structure of agricultural holdings in Slovenia was carried out with the reference day on the 1st June 2007. The reference period for labour force was the preceding 12 months.

The agriculture holding in Slovenia is defined as having at least one hectare of UAA or less than one hectare if it matches one of the following conditions: at least 0.1 ha of UAA and 0.9 ha of forest; at least 0.3 ha of vineyards and/or orchards; two or more LSU, between 0.15 and 0.3 ha of vineyards or orchards and 1 to 2 LSU; more than 50 beehives; production of vegetables, herbs, strawberries, mushrooms, flowers or ornamental plants for commercial purposes.

The target population was the family farms recorded in the Statistical Farm Register and all the business enterprises of the Business Register. The list of units is updated twice a year using information from the statistical surveys and administrative data sources (Register of Territorial Units, Integrated Administrative and Control System). All business enterprises have been surveyed (131). In case of the 87 362 family holdings a stratified simple random sampling was used. The farm population was stratified into 48 strata based on 20 physical criteria (e.g. UAA, extensive orchard, cattle) and on the 12 statistical regions (NUTS 3 level). The stratification produced 4 groups, where the largest holdings were included in group 1 while the smallest in group 4.

In order to obtain reasonable and representative samples from strata of the largest holdings all units have been selected (full scope), while in the other ones a proportional allocation was applied. The size of the sample resulted in 17 000 family farms.

Some characteristics related to bovine livestock, location of the holding, organic farming, gainful activities of the holdings, and crop areas were taken from the System for identification

and registration of bovine animals and the Integrated Administration and Control System.

The data were checked by the regional survey supervisors (provided a list of controls), and then screened again at the Statistical Office. Automatic checks were also carried through a computer application that covers logical, arithmetic, and completeness tests. The response rate for the survey was 91%.

For each activity ('enterprise') on a farm (for instance wheat, dairy cow or vineyard), a Standard Gross Margin (SGM) is estimated, based on the area (or the number of heads) and a regional coefficient. The sum of such margins in a farm is its economic size, expressed in European Size Units (ESU, 1 ESU is a 1200-euro SGM).

An Annual work unit (AWU) is equivalent to a worker employed on a full time basis for one year. In Slovenia it is 1800 hours (225 working days of 8 working hours per day).

A Livestock Unit (LSU) is equivalent to a dairy cow. The number of animals (number of heads) is converted into LSU using a set of coefficients reflecting the feed requirements of the different animal categories.

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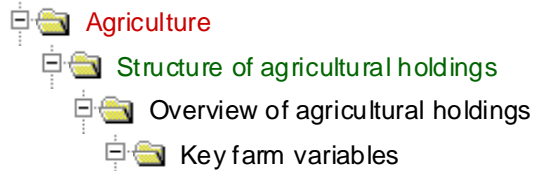
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