

# Structure of agricultural holdings

## Romania 2002

### Statistics in focus

#### AGRICULTURE AND FISHERIES

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#### Agriculture

### Contents

Table 1 - Labour force.....	3
Table 2 - Agricultural holdings...	4
Table 3 - Land use.....	5
Table 4 - Livestock.....	6
Table 5 - Non agricultural activity.....	7

A farm structure survey was carried out in all EU Member States in 2003 (2002 in Poland). Apart from detailed results for the Member States, corresponding data are now also available for Romania (2002) and Norway. This Statistics in Focus is part of a series of country-specific publications on these results, all following the same structure.

\* \* \*

**In Romania in December 2002, about 1 211 800 agricultural holdings had an economic size of at least 1 ESU (European Size Unit)\*.**

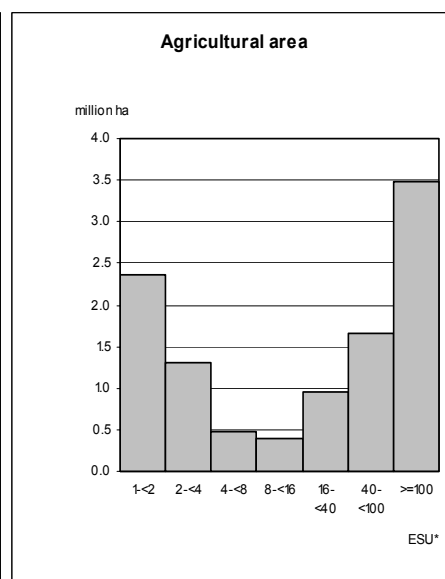
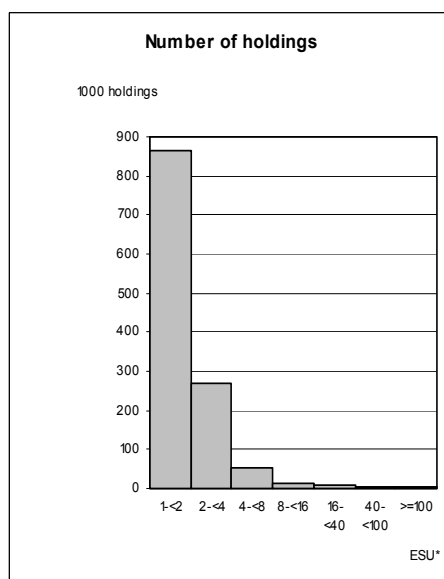
- These holdings employed 1 437 500 AWUs (annual work units), the equivalent of 1 437 500 persons working full time;
- they made use of about 10.6 million ha of agricultural area, which is on average 8.8 hectare per holding.

Amongst these 1 211 800 agricultural holdings

- 53% made use of less than one AWU, while 10% made use of 2 or more AWUs;
- 81% used less than 5 ha, while 1% used 50 ha or more;
- 79% were mixed holdings, while only 21% were specialised: for cereals, oil seed and protein crops 6%, field cropping 5%, pigs and poultry 4%, fruit orchards 3%, sheep, goats and other grazing livestock 1%, dairies and cattle fattening and rearing 1% and horticulture 1% (of which 51% under glass).

Amongst the 1 197 600 sole holders

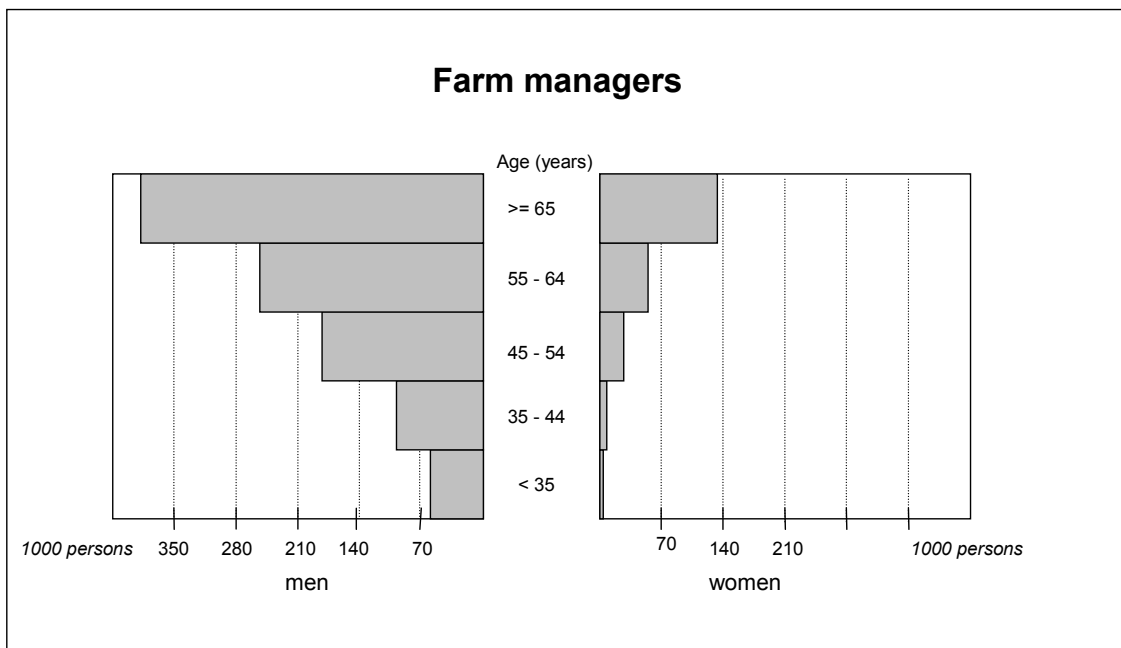
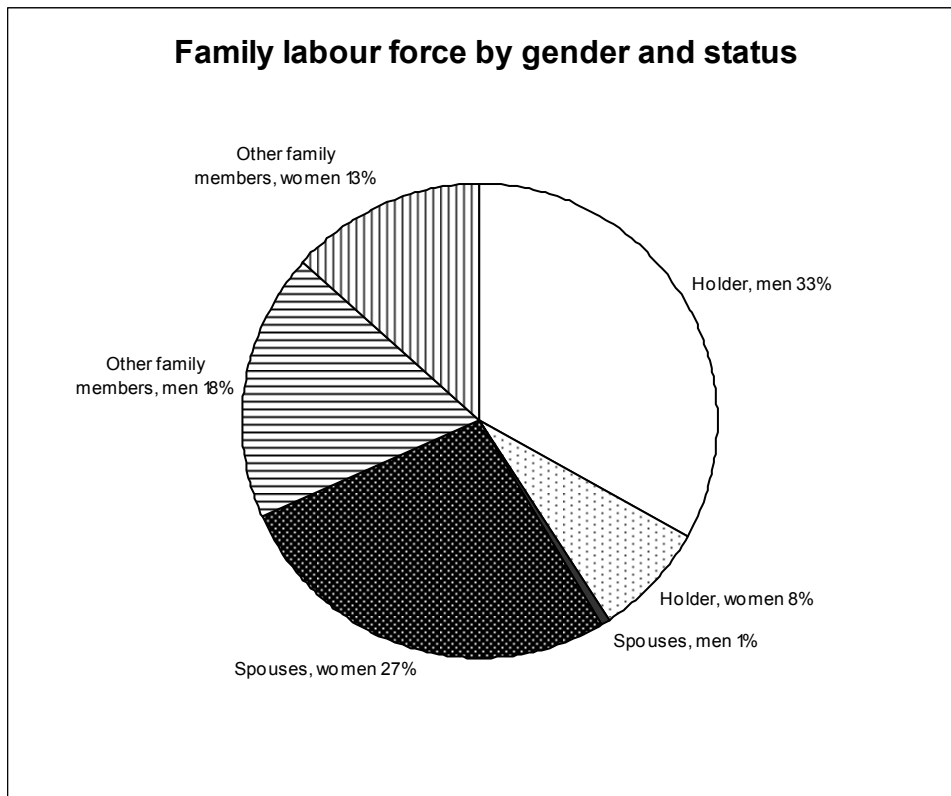
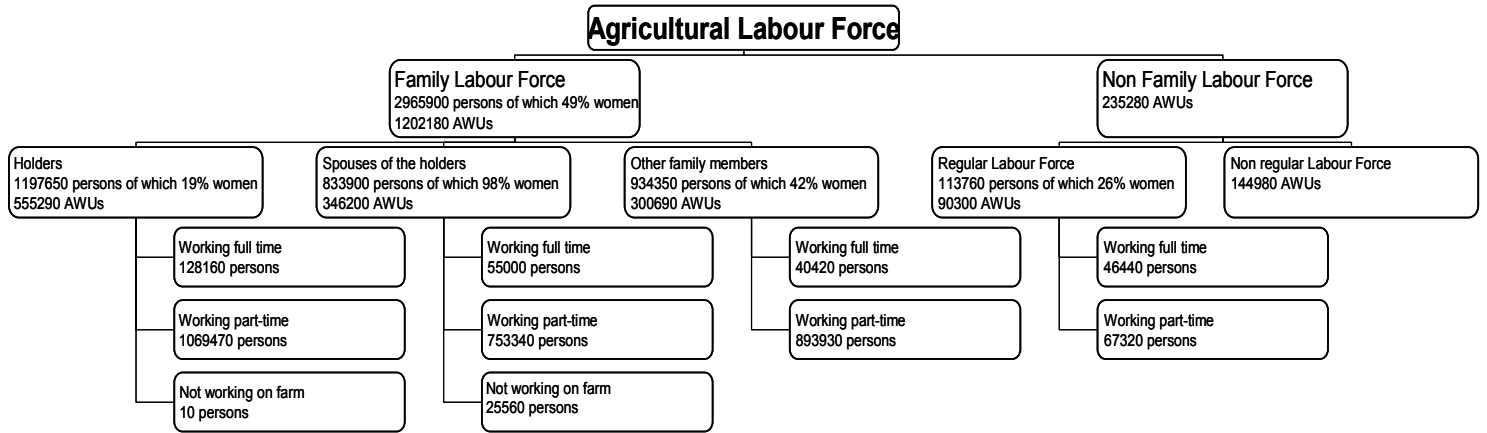
- 19% were women;
- 70% were aged 55 or more, and only 5% younger than 35 years;
- 11% had another gainful activity as major occupation.



\* ESU measures the economic size of the holdings (see methodological notes).



# Romania 2002 – Holdings of at least 1 ESU



Symbols : not available 0 less than half of the unit or nil

Economic size (ESU)	<1	>=1	1-<2	2-<4	4-<8	8-<16	16-<40	40-<100	>=100
<b>Total labour force</b>									
1000 annual work units	1262.1	1437.5	830.9	340.1	79.7	24.9	21.2	23.5	117.1
<b>Family labour force</b>									
1000 persons	5916.7	2965.9	2089.9	700.8	134.3	28.1	9.5	2.7	0.6
1000 annual work units	1215.3	1202.2	796.2	317.0	67.0	14.8	5.4	1.5	0.4
<b>Non-family labour regularly employed</b>									
1000 persons	11.1	113.8	3.4	2.9	3.0	4.3	9.4	13.9	76.8
1000 annual work units	2.1	90.3	1.0	1.3	1.9	2.9	6.7	11.2	65.2
<b>Non regular non family labour force</b>									
1000 annual work units	44.6	145.0	33.7	21.8	10.8	7.2	9.1	10.8	51.5
<b>Holding managers (1000)</b>	<b>3273.1</b>	<b>1211.8</b>	<b>865.5</b>	<b>268.5</b>	<b>51.6</b>	<b>12.6</b>	<b>6.7</b>	<b>3.9</b>	<b>3.0</b>
- women (%)	31.1	18.8	20.1	16.3	13.5	10.8	8.9	9.7	9.5
- part-time									
- under 50 % (%)	90.1	60.9	64.7	53.4	47.6	44.4	42.0	36.4	19.7
- 50 % and over (%)	8.5	28.1	27.2	31.1	29.5	26.1	22.0	18.6	17.5
<b>Sole/main holders (1000)</b>	<b>3264.6</b>	<b>1197.6</b>	<b>863.2</b>	<b>267.3</b>	<b>50.6</b>	<b>11.2</b>	<b>4.0</b>	<b>1.1</b>	<b>0.3</b>
- women (%)	31.1	19.1	20.3	16.6	13.9	11.2	9.0	10.1	11.2
- distribution by age (%)									
- under 35 years	10.2	5.0	5.0	4.6	6.4	8.6	9.8	9.2	8.9
- from 35 to 44 years	13.1	8.4	8.2	8.0	11.8	16.7	20.8	21.2	20.5
- from 45 to 54 years	19.3	16.8	16.3	17.0	21.5	26.9	30.8	36.0	40.3
- from 55 to 64 years	21.0	25.6	25.5	26.2	24.6	22.8	21.5	20.0	20.5
- 65 years and over	36.5	44.2	45.1	44.1	35.7	25.0	17.1	13.6	9.7
- part-time									
- under 50 % (%)	90.2	61.3	64.8	53.6	47.6	42.9	38.2	34.0	27.5
- 50 % and over (%)	8.5	28.0	27.1	30.9	29.5	27.4	25.3	23.7	22.9
- with another gainful activity <sup>1</sup> (%)	22.2	13.7	13.4	13.2	17.8	23.7	29.8	30.8	31.3
- as main occupation	21.3	10.9	11.1	9.7	11.8	14.5	16.9	14.9	13.7
- as a subsidiary occupation	0.9	2.8	2.3	3.5	6.1	9.1	12.9	15.8	17.6
<b>Spouse of sole holder (1000)</b>	<b>1494.9</b>	<b>833.9</b>	<b>594.0</b>	<b>192.6</b>	<b>36.2</b>	<b>7.8</b>	<b>2.6</b>	<b>0.6</b>	<b>0.1</b>
- women (%)	96.3	98.0	98.0	98.1	98.0	98.2	98.1	97.8	98.6
- distribution by age (%)									
- under 35 years	22.5	10.1	10.3	9.0	11.9	15.1	17.6	13.6	9.8
- from 35 to 54 years	41.2	36.6	35.7	36.7	44.0	52.5	58.0	61.7	64.3
- 55 years and over	36.3	53.3	54.0	54.3	44.0	32.4	24.4	24.7	25.9
- part-time									
- under 50 % (%)	84.6	65.6	68.9	58.6	54.1	52.5	51.5	52.3	47.6
- 50 % and over (%)	7.8	24.7	23.1	28.9	28.1	26.1	23.8	24.3	23.1
- with another gainful activity (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- as main occupation	17.4	8.1	7.8	7.9	11.6	17.0	20.6	24.4	25.9
- as a subsidiary occupation	82.6	91.9	92.2	92.1	88.4	83.0	79.4	75.6	74.1
<b>Other members of the holder's family working on the holding (1000)</b>	<b>1157.2</b>	<b>934.4</b>	<b>632.8</b>	<b>240.9</b>	<b>47.5</b>	<b>9.1</b>	<b>2.9</b>	<b>0.9</b>	<b>0.2</b>
- women (%)	43.0	42.3	42.1	42.8	42.7	40.4	37.0	34.2	33.0
- part-time									
- under 50 % (%)	94.3	80.2	84.0	74.3	66.0	62.2	58.1	61.0	51.5
- 50 % and over (%)	5.0	15.4	13.2	19.4	22.7	21.6	21.3	21.1	24.7
- with another gainful activity (%)	21.8	23.6	24.0	23.2	20.6	19.0	18.5	19.0	14.5

<sup>1</sup> Only holders being also farm managers.

Symbols : not available 0 less than half of the unit or nil

Economic size (ESU)	<1	>=1	1-<2	2-<4	4-<8	8-<16	16-<40	40-<100	>=100
<b>Holdings</b>									
- total number (1000)	3273.1	1211.8	865.5	268.5	51.6	12.6	6.7	3.9	3.0
- by legal personality of the holder (%)									
- sole holder	99.7	98.8	99.7	99.5	97.9	89.1	60.3	29.4	8.7
- legal person	0.3	1.2	0.3	0.5	2.1	10.9	39.7	70.6	91.3
- group holders	0	0	0	0	0	0	0	0	0
- by employed labour force (%)									
- under 1 AWU	91.9	52.7	58.6	40.2	32.8	29.9	25.3	19.7	9.8
- from 1 to less than 2 AWU	7.5	36.8	35.0	43.4	39.3	32.8	24.0	14.9	5.6
- from 2 to less than 3 AWU	0.6	8.2	5.7	13.5	19.5	19.7	16.6	11.7	3.6
- 3 AWU and over	0.1	2.2	0.7	2.9	8.4	17.6	34.0	53.7	81.1
- by agricultural area (%)									
- under 5 ha	98.6	80.6	90.8	62.3	38.2	22.5	9.9	4.4	4.8
- from 5 to less than 20 ha	1.3	17.5	9.1	37.2	54.6	36.8	13.1	1.3	1.7
- from 20 to less than 50 ha	0	0.7	0.1	0.3	6.2	26.1	10.3	5.0	1.2
- from 50 to less than 100 ha	0	0.3	0	0.1	0.5	9.9	22.6	3.8	3.2
- 100 ha and over	0	0.8	0	0	0.5	4.6	44.2	85.4	89.0
- by livestock size (%)									
- without livestock	25.5	5.8	4.6	5.6	10.2	21.9	45.5	67.6	64.3
- under 10 LSU <sup>+</sup>	74.5	91.1	95.0	89.1	65.5	42.9	27.1	14.7	10.4
- from 10 to less than 20 LSU	0	2.2	0.4	4.5	16.7	14.2	6.3	3.4	3.1
- from 20 to less than 50 LSU	0	0.7	0	0.8	6.8	16.5	10.8	4.9	4.4
- from 50 to less than 100 LSU	0	0.1	0	0	0.8	4.0	7.5	3.5	3.2
- 100 LSU and over	0	0.1	0	0	0	0.6	2.8	5.9	14.5
- by farm type (%)									
... specialist cereals, oil seed and protein crops	10.5	5.6	4.5	5.4	8.6	21.8	42.0	54.2	52.8
... general field cropping	5.6	4.9	3.7	6.8	11.6	10.4	9.4	10.0	10.8
... specialist horticulture	0.1	0.7	0.3	1.1	2.5	3.3	3.6	2.8	3.2
... specialist vineyard	1.7	1.1	0.9	1.6	2.3	2.4	1.8	1.4	3.2
... specialist fruit and citrus fruit	0.8	2.6	1.6	4.4	8.7	9.3	5.9	3.7	7.6
... specialist olives	0	0	0	0	0	0	0	0	0
... various permanent crops combined	0.1	0.3	0.2	0.4	0.6	0.7	0.4	0.5	1.8
... specialist dairy farming	1.2	0.6	0.6	0.5	1.0	1.0	0.7	0.4	0.3
... specialist cattle – rearing and fattening	0.1	0	0	0	0.1	0.1	0.1	0	0
... cattle – dairy farming, rearing and fattening combined	0.1	0.2	0.2	0.2	0.2	0.4	0.2	0.1	0
... sheep, goats and other grazing livestock	5.3	1.3	1.0	1.3	2.9	5.6	13.5	17.0	8.0
... specialist granivores	20.1	3.9	3.7	3.9	5.8	8.1	6.4	3.0	6.0
... mixed cropping	11.7	30.3	30.1	34.9	21.4	9.4	4.4	2.8	4.0
... mixed livestock, mainly grazing livestock	6.3	10.3	12.2	6.4	4.2	2.7	1.0	0.3	0.1
... mixed livestock, mainly granivores	19.2	18.9	21.1	15.1	9.6	6.5	3.3	0.7	0.4
... field crops – grazing livestock combined	2.3	3.9	4.4	2.9	1.7	1.8	2.1	1.8	0.7
... various crops and livestock combined	13.2	15.5	15.5	15.2	18.8	16.4	5.1	1.3	1.1
- by farming methods (%)									
- organic farming	0	0	0	0	0	0	0	0	0
- irrigating	0.8	4.5	3.3	7.1	9.1	8.5	9.9	11.8	21.5
- with crops under glass	0.1	1.4	0.7	2.9	4.4	3.5	3.7	2.8	4.5
- % in less favoured or mountain area	0	0	0	0	0	0	0	0	0

+ LSU : Livestock Unit

Symbols : not available 0 less than half of the unit or nil

Economic size (ESU)	<1	>=1	1-<2	2-<4	4-<8	8-<16	16-<40	40-<100	>=100
<b>Area (1000 ha)</b>									
• <b>Total area of agricultural holdings</b>	<b>3870.3</b>	<b>11804.0</b>	<b>2576.5</b>	<b>1410.7</b>	<b>551.8</b>	<b>468.7</b>	<b>1118.7</b>	<b>1961.7</b>	<b>3716.0</b>
• <b>H. Other area</b>	<b>563.1</b>	<b>1180.5</b>	<b>219.5</b>	<b>107.4</b>	<b>68.5</b>	<b>79.7</b>	<b>174.2</b>	<b>295.3</b>	<b>235.8</b>
Wooded area	231.5	805.6	95.4	60.8	55.5	62.3	127.6	246.5	157.4
• <b>Agricultural area</b>	<b>3307.2</b>	<b>10623.5</b>	<b>2357.0</b>	<b>1303.3</b>	<b>483.3</b>	<b>388.9</b>	<b>944.4</b>	<b>1666.4</b>	<b>3480.2</b>
- <b>D. Arable land</b>	<b>1862.0</b>	<b>6911.8</b>	<b>1673.7</b>	<b>979.9</b>	<b>351.3</b>	<b>239.2</b>	<b>452.8</b>	<b>759.0</b>	<b>2456.0</b>
Cereals	1204.6	4759.3	1266.0	724.9	240.6	153.7	276.1	467.2	1630.8
<i>Common wheat and spelt</i>	269.0	2192.5	388.0	262.9	97.9	75.9	153.6	270.7	943.4
<i>Durum wheat</i>	0.5	7.3	1.0	1.2	0.8	0.4	0.5	1.1	2.2
<i>Rye</i>	4.9	21.6	7.9	5.4	1.7	0.9	1.1	1.1	3.6
<i>Barley</i>	21.1	315.0	39.9	36.0	16.1	10.9	18.4	33.4	160.4
<i>Oats</i>	34.0	149.2	50.9	34.3	12.2	6.6	8.9	12.9	23.4
<i>Grain maize</i>	859.2	1851.2	760.3	370.7	103.7	52.1	76.8	116.7	370.9
Dried pulses	11.7	41.2	12.8	5.5	1.5	0.9	1.8	2.7	15.9
Root crops	66.4	155.5	63.6	37.7	13.7	5.4	6.5	7.4	21.1
<i>Potatoes</i>	62.1	123.6	56.0	32.9	11.8	4.2	4.1	4.3	10.3
<i>Sugar beet</i>	2.7	26.1	5.2	3.5	1.5	1.1	2.3	3.0	9.6
Fodder root	1.6	5.7	2.4	1.3	0.4	0.1	0.2	0.2	1.3
Industrial crops	58.7	1007.2	95.0	71.8	34.7	33.6	80.1	147.5	544.6
<i>Tobacco</i>	0.3	4.2	0.9	0.9	0.3	0.1	0.2	0.2	1.5
<i>Hops</i>	0	0.3	0	0	0	0	0.1	0.2	0.1
<i>Cotton</i>	0	0	0	0	0	0	0	0	0
<i>Rape and turnip</i>	0.2	76.3	0.4	0.3	0.3	0.8	3.4	8.2	62.8
<i>Sunflower</i>	56.3	818.4	92.7	69.1	32.9	30.6	71.4	126.0	395.6
<i>Soya</i>	0.3	72.4	0.5	0.7	0.6	1.3	3.5	6.8	58.9
Fresh vegetables, melons,	10.7	71.0	15.3	18.3	9.7	3.4	2.3	3.2	18.9
<i>outside</i>	10.7	68.6	15.0	17.8	9.4	3.3	2.2	3.1	17.9
<i>under glass</i>	0.1	2.4	0.3	0.6	0.3	0.1	0.1	0.1	1.0
Flower and ornamental plants	0	0.5	0	0	0	0	0.1	0.1	0.3
<i>outside</i>	0	0.2	0	0	0	0	0	0	0.1
<i>under glass</i>	0	0.2	0	0	0	0	0	0	0.1
Forage plants	114.6	460.3	140.8	80.3	28.4	15.6	26.3	53.2	115.8
Fallow land	393.3	398.2	77.8	39.5	22.1	26.3	58.6	75.8	98.3
- <b>E. Kitchen garden</b>	<b>107.6</b>	<b>61.3</b>	<b>42.8</b>	<b>14.8</b>	<b>2.9</b>	<b>0.6</b>	<b>0.2</b>	<b>0</b>	<b>0</b>
- <b>F. Permanent pasture and meadows</b>	<b>1275.2</b>	<b>3368.8</b>	<b>571.3</b>	<b>258.1</b>	<b>107.7</b>	<b>139.7</b>	<b>484.3</b>	<b>899.1</b>	<b>908.6</b>
- <b>G. Permanent crops</b>	<b>62.5</b>	<b>281.6</b>	<b>69.3</b>	<b>50.4</b>	<b>21.4</b>	<b>9.4</b>	<b>7.1</b>	<b>8.3</b>	<b>115.6</b>
Fruit and berry plantation	10.8	129.8	20.2	25.4	14.4	6.5	4.8	5.1	53.5
Citrus plantation	0	0	0	0	0	0	0	0	0
Olive trees	0	0	0	0	0	0	0	0	0
Vineyard	50.4	135.1	47.7	24.1	6.5	2.5	2.1	2.4	49.7
<b>Ratios</b>									
<b>Agricultural area per holding (ha)</b>	1.0	8.8	2.7	4.9	9.4	30.9	141.6	430.8	1171.0
<b>Agricultural area... (%)</b>									
... own farmed	94.4	61.7	92.2	88.2	72.5	61.3	59.0	59.2	31.6
... in less favoured or mountain area	0	0	0	0	0	0	0	0	0
... organic farmed	0	0	0	0	0	0	0	0	0
... irrigated	0.3	3.7	0.6	1.3	1.8	1.7	1.9	1.9	8.5
... under cover crop protecting soil	0	0	0	0	0	0	0	0	0

Symbols : not available 0 less than half of the unit or nil

Economic size (ESU)	<1	>=1	1-<2	2-<4	4-<8	8-<16	16-<40	40-<100	>=100
<b>Total livestock</b> (1000 LSU)	<b>2309.3</b>	<b>4939.6</b>	<b>2367.1</b>	<b>1208.9</b>	<b>395.0</b>	<b>153.4</b>	<b>100.7</b>	<b>64.2</b>	<b>650.3</b>
of which grazing (%)	48.2	56.7	63.3	63.2	64.6	63.1	59.8	58.2	13.7
<b>Grazing livestock</b> (1000 heads)									
<b>Equidae</b>	<b>356.5</b>	<b>635.7</b>	<b>410.1</b>	<b>169.7</b>	<b>31.7</b>	<b>7.2</b>	<b>4.5</b>	<b>4.9</b>	<b>7.7</b>
<b>Bovine animals</b>									
Under 1 year	175.9	532.1	278.2	139.2	42.5	18.8	14.5	9.7	29.2
From 1 to less than 2 years	74.9	211.9	98.8	53.8	18.8	9.3	8.3	5.1	17.8
Dairy cows	493.2	1136.4	684.0	290.2	73.7	26.3	16.8	11.3	34.1
Other cows	3.4	8.1	3.7	1.6	0.7	0.2	0.3	0.2	1.5
Other bovine animals 2 years and older	64.7	170.1	88.5	43.3	14.0	6.6	5.3	3.4	9.0
<b>Sheep</b>	<b>1289.8</b>	<b>5948.6</b>	<b>2058.7</b>	<b>1918.0</b>	<b>1061.5</b>	<b>424.3</b>	<b>222.2</b>	<b>111.3</b>	<b>152.6</b>
<b>Goats</b>	<b>252.8</b>	<b>491.4</b>	<b>222.6</b>	<b>151.9</b>	<b>72.3</b>	<b>24.9</b>	<b>12.1</b>	<b>4.6</b>	<b>3.1</b>
<b>Granivores</b>									
<b>Pigs</b> (1000 heads)									
Piglets < 20 kg	788.2	1888.8	813.0	486.3	162.4	65.1	37.6	17.4	307.0
Breeding sows	71.9	503.9	128.8	110.2	47.6	21.9	15.9	9.3	170.2
Other pigs	1737.5	3269.4	1351.0	723.0	254.2	112.8	81.5	42.7	704.2
<b>Poultry</b> (million heads)	<b>31.3</b>	<b>51.1</b>	<b>18.3</b>	<b>7.6</b>	<b>1.7</b>	<b>0.5</b>	<b>0.4</b>	<b>0.6</b>	<b>21.9</b>
Broilers	1.1	14.3	0.7	0.3	0.1	0	0	0.3	12.8
Laying hens	18.8	22.0	9.9	3.9	0.9	0.3	0.2	0.3	6.6
Other poultry	11.4	14.7	7.7	3.4	0.7	0.2	0.1	0.1	2.5
<b>Rabbits, breeding females</b> (1000 heads)	<b>210.9</b>	<b>153.0</b>	<b>97.2</b>	<b>41.2</b>	<b>10.0</b>	<b>3.2</b>	<b>0.9</b>	<b>0.4</b>	<b>0.1</b>
<b>Beehives</b> (1000)	<b>28.5</b>	<b>748.3</b>	<b>90.1</b>	<b>193.4</b>	<b>267.3</b>	<b>153.8</b>	<b>36.2</b>	<b>3.2</b>	<b>4.3</b>
<b>Total livestock per holding with...</b> (LSU/holding)									
Livestock	0.9	4.3	2.9	4.8	8.5	15.6	27.7	51.3	612.9
Grazing livestock	1.8	4.5	3.2	5.3	9.9	18.9	33.2	56.7	310.6
Bovine animals (cattle)	2.1	4.7	3.4	5.5	9.9	18.9	34.0	59.5	378.3
Cattle, other than cows	2.2	5.5	3.7	5.9	10.8	20.6	37.0	65.1	410.4
Granivores	0.9	4.3	2.9	4.8	8.4	15.3	26.2	46.0	803.7
Pigs	1.2	4.2	2.9	4.9	8.8	16.2	27.3	43.5	615.7
<b>Average size of herds*</b> (head/holding)									
Equidae	1.1	1.3	1.2	1.4	1.7	2.3	4.1	11.4	15.6
Dairy cows	1.1	1.5	1.3	1.7	2.5	4.6	8.7	17.6	64.6
Other cows	1.2	1.8	1.3	1.4	3.0	3.6	7.3	6.2	19.7
Sheep	4.9	15.7	8.3	18.3	53.9	111.5	164.6	244.1	481.4
Goats	2.0	4.4	2.9	5.4	14.1	24.7	32.4	41.1	70.9
Breeding sows	1.1	2.7	1.3	1.7	2.8	5.1	9.6	17.8	384.2
Other pigs > 20 kg	1.3	3.4	2.0	3.3	6.4	13.7	27.7	46.7	1160.2
Rabbits, breeding females	2.8	2.7	2.6	2.8	3.3	5.0	4.6	7.1	9.6
Laying hens (1000/holding)	0	0	0	0	0	0	0.1	0.4	24.4
Broilers (1000/holding)	0	0.2	0	0	0	0	0.1	2.5	115.6
Beehives (hive/holding)	4.1	21.6	7.1	14.8	39.7	82.5	111.1	55.0	144.1

\* number of animals of a given livestock category per holding with this kind of animals

Symbols : not available 0 less than half of the unit or nil

Economic size (ESU)	<1	>=1	1-<4	2-<4	4-<8	8-<16	16-<40	40-<100	>=100
<b>Holdings with another gainful activity than agricultural production:</b>									
(% all holdings)	<b>2.0</b>	<b>9.9</b>	<b>7.7</b>	<b>14.2</b>	<b>19.2</b>	<b>20.9</b>	<b>16.4</b>	<b>13.8</b>	<b>22.9</b>
Tourism	0	0	0	0.1	0.1	0.1	0.3	0.4	0.6
Handicraft	0.1	0.2	0.2	0.2	0.3	0.4	0.2	0.5	0.7
Processing of farm products	1.4	8.9	6.9	13.2	17.7	18.7	12.5	8.2	14.5
Wood processing	0.2	0.3	0.3	0.3	0.4	0.6	0.7	0.8	1.5
Aquaculture	0	0	0	0	0	0.2	0.2	0.3	0.5
Renewable energy production	0	0	0	0	0	0.1	0	0.1	0.1
Contractual work	0	0	0	0	0	0	0	0	0
Other gainful activities n.a.e	0.3	0.7	0.5	0.7	1.2	1.7	3.4	4.9	8.8

### ➤ METHODOLOGICAL NOTES

The survey on the structure of agricultural holdings in Romania was carried out between 2 December 2002 and 31 January 2003 on an exhaustive base. Prior to this agricultural census such general full-scale census has been conducted last time in 1948. Only specialised agricultural data collections were organised on livestock, fruit trees and vineyards. The reference date of the farm structure survey was for livestock 1 December 2002. For labour force characteristics, the reference period were the 12 months prior to 1 December 2002; for land use, irrigation and non-agricultural activities the crop year between 1 October 2001 and 30 September 2002.

The target population was all agricultural holdings and individual agricultural households, with an agricultural holding being defined as a technical-economic unit of agricultural production under single administration which utilised agricultural area in the 2001-02 crop year and/or had livestock on 1 December 2002. Individual agricultural households were also surveyed because their contribution to the overall agricultural production is considerable. For natural persons' holdings an area frame was applied, for legal persons' holdings a list frame.

The data are multi-level checked. Missing or incorrect data were corrected by follow-up interviews or using automatic corrections based on the correlations within the questionnaire. Unit non-response was not treated.

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 equal to 1200 euros.

Due to differences in the coverage of units of less than 1 ESU across Member States, these data are not comparable between countries. That is why the present analysis and graphs focus on the holdings of at least one ESU.

Each farm is classified in the community typology by its economic size and its **type of farming**, depending on the share of each enterprise in its economic size. For instance, a farm where breeding sows account for more than 2/3 of the economic size is classified as *specialist pig rearing* (type 5011). Depending on the level of aggregation, farms are grouped into 8 to 70 types.

**Annual working unit (AWU)** means the labour force working yearly like a worker employed on full time basis, it is 1960 hours (245 working days of 8 working hours per day).

### ➤ REFERENCE PUBLICATIONS

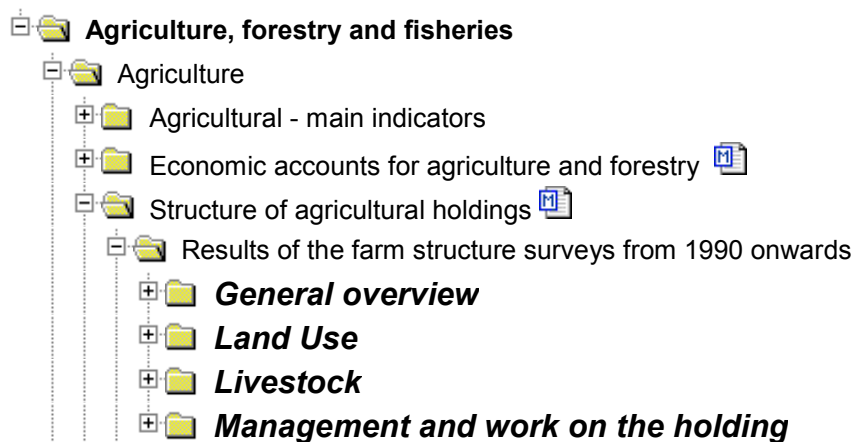
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Website of the National Institute of Statistics, Romania: [www.insse.ro](http://www.insse.ro)

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