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Structure of agricultural holdings

Czech Republic 2003

A farm structure survey was carried out in all EU Member States in 2003 (2002 in Poland). The detailed results are now available for Belgium, Czech Republic, Denmark, Germany, Estonia, Spain, France, Ireland, Italy, Latvia, Lithuania, Luxembourg, Hungary, Malta, the Netherlands, Slovenia, Slovakia, Finland, Sweden and the United Kingdom. Results for the other Member States will become available in the course of the next weeks. This Statistics in Focus is part of a series of country-specific publications, all following the same structure.

In the Czech Republic, in the autumn 2003 about 25 thousand agricultural holdings had an economic size of at least 1 ESU (European Size Unit)*.

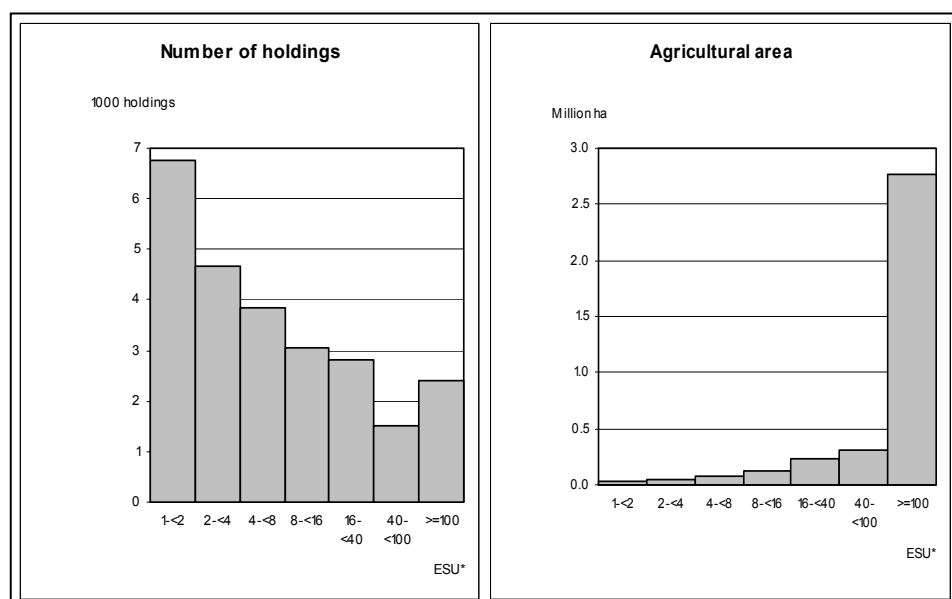
- These holdings employed 153 300 AWUs (annual work units), the equivalent of 153 300 persons working full time;
- they made use of 3.6 million ha of agricultural area, which is on average 143.8 hectare per holding.

Amongst these 25 000 agricultural holdings,

- 30% made use of less than one AWU, while 31% made use of 2 or more AWUs;
- 31% used less than 5 ha, while 17% used 100 ha or more;
- 36% were mixed holdings, while 64% were specialised: cereals, oil seed and protein crops 18%, field cropping 17%, permanent crops 6%, dairies 5%, cattle fattening and rearing 5%, pigs and poultry 4%, sheep, goats and other grazing livestock 4% and horticulture 4% (of which 46% under glass);
- about 2% practised organic farming.

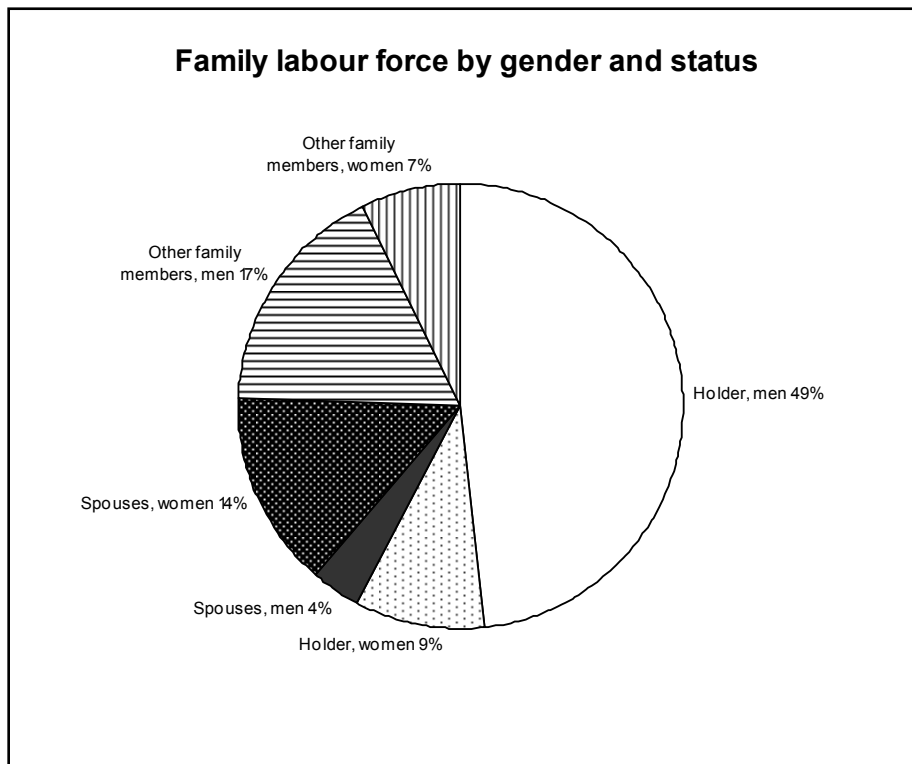
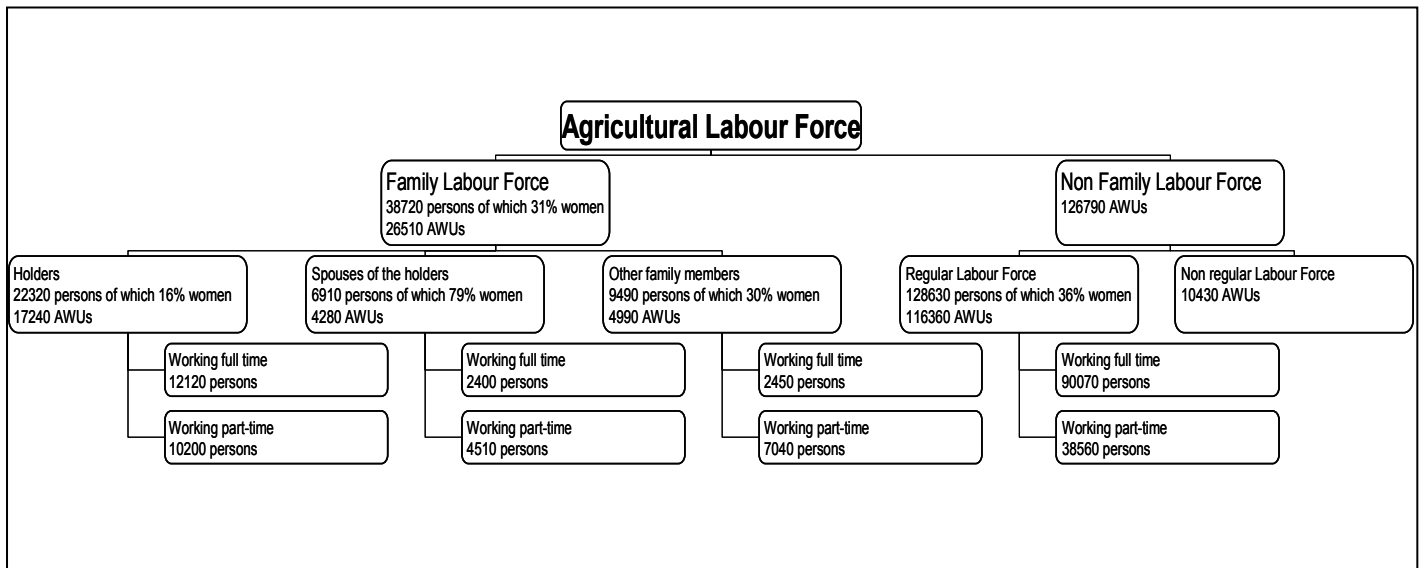
Amongst the 22 300 sole holders

- 16% were women;
- 39% were aged 55 or more, and 12% younger than 35 years;
- 32% had another gainful activity as major occupation.



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

Czech Republic, 2003 – 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 |
|---|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| Total labour force | | | | | | | | | |
| 1000 annual work units | 13.1 | 153.3 | 6.2 | 5.2 | 5.3 | 5.6 | 7.8 | 8.3 | 115.0 |
| Family labour force | | | | | | | | | |
| 1000 persons | 31.2 | 38.7 | 11.0 | 7.4 | 6.2 | 5.0 | 5.1 | 2.7 | 1.2 |
| 1000 annual work units | 12.2 | 26.5 | 5.7 | 4.6 | 4.4 | 3.9 | 4.4 | 2.4 | 1.1 |
| Non-family labour regularly employed | | | | | | | | | |
| 1000 persons | 0.8 | 128.6 | 0.4 | 0.4 | 0.9 | 1.6 | 2.9 | 5.9 | 116.5 |
| 1000 annual work units | 0.7 | 116.4 | 0.3 | 0.3 | 0.7 | 1.4 | 2.6 | 5.1 | 106.0 |
| Non regular non family labour force | | | | | | | | | |
| 1000 annual work units | 0.2 | 10.4 | 0.1 | 0.2 | 0.2 | 0.3 | 0.8 | 0.8 | 8.0 |
| Holding managers (1000) | 20.8 | 25.0 | 6.8 | 4.7 | 3.8 | 3.0 | 2.8 | 1.5 | 2.4 |
| - women (%) | 21.3 | 14.7 | 18.3 | 19.8 | 16.4 | 13.9 | 8.5 | 7.7 | 4.9 |
| - part-time - under 50 % (%) | 64.0 | 20.0 | 39.6 | 26.8 | 15.5 | 8.5 | 4.3 | 3.3 | 2.1 |
| - 50 % and over (%) | 21.0 | 22.5 | 35.5 | 29.5 | 22.4 | 14.0 | 9.9 | 6.7 | 7.8 |
| Sole/main holders (1000) | 20.7 | 22.3 | 6.7 | 4.6 | 3.7 | 2.9 | 2.6 | 1.2 | 0.5 |
| - women (%) | 21.3 | 16.2 | 18.6 | 19.8 | 16.9 | 14.4 | 9.1 | 9.2 | 9.0 |
| - distribution by age (%) | | | | | | | | | |
| - under 35 years | 7.1 | 11.5 | 7.4 | 10.2 | 11.2 | 16.5 | 16.6 | 18.9 | 9.2 |
| - from 35 to 44 years | 15.2 | 19.0 | 16.6 | 18.4 | 17.3 | 21.1 | 23.6 | 23.7 | 20.2 |
| - from 45 to 54 years | 28.2 | 30.6 | 29.0 | 29.9 | 32.1 | 31.3 | 31.9 | 31.0 | 36.3 |
| - from 55 to 64 years | 27.0 | 24.5 | 25.2 | 22.7 | 27.0 | 24.1 | 23.3 | 22.0 | 27.7 |
| - 65 years and over | 22.5 | 14.4 | 21.9 | 18.7 | 12.4 | 7.0 | 4.7 | 4.3 | 6.7 |
| - part-time - under 50 % (%) | 64.1 | 22.0 | 39.9 | 27.3 | 15.4 | 8.4 | 3.9 | 2.9 | 2.2 |
| - 50 % and over (%) | 21.0 | 23.7 | 35.2 | 29.4 | 22.4 | 14.0 | 9.8 | 4.5 | 3.2 |
| - with another gainful activity ¹ (%) | 52.9 | 36.6 | 50.3 | 46.8 | 32.6 | 25.3 | 16.5 | 11.5 | 17.5 |
| - as main occupation | 51.6 | 32.0 | 47.8 | 42.1 | 27.6 | 19.4 | 9.8 | 6.9 | 8.0 |
| - as a subsidiary occupation | 1.3 | 4.6 | 2.5 | 4.7 | 5.0 | 5.9 | 6.8 | 4.6 | 9.5 |
| Spouse of sole holder (1000) | 5.5 | 6.9 | 2.0 | 1.3 | 1.1 | 0.9 | 1.0 | 0.5 | 0.2 |
| - women (%) | 76.6 | 78.7 | 77.4 | 70.5 | 76.2 | 80.9 | 87.3 | 86.6 | 87.7 |
| - distribution by age (%) | | | | | | | | | |
| - under 35 years | 5.6 | 9.4 | 6.8 | 7.0 | 11.1 | 13.3 | 9.1 | 16.8 | 6.7 |
| - from 35 to 54 years | 47.7 | 55.5 | 46.1 | 50.8 | 50.3 | 62.9 | 73.2 | 63.1 | 65.4 |
| - 55 years and over | 46.6 | 35.2 | 47.1 | 42.3 | 38.7 | 23.7 | 17.6 | 19.8 | 28.5 |
| - part-time - under 50 % (%) | 78.8 | 40.7 | 60.4 | 50.2 | 43.4 | 30.7 | 15.3 | 11.2 | 10.1 |
| - 50 % and over (%) | 16.0 | 24.6 | 27.1 | 28.0 | 27.1 | 21.9 | 19.5 | 19.0 | 15.6 |
| - with another gainful activity (%) | 50.9 | 35.1 | 44.2 | 45.3 | 36.9 | 30.0 | 19.4 | 14.0 | 19.0 |
| - as main occupation | 50.6 | 32.8 | 43.3 | 43.5 | 35.0 | 26.1 | 16.2 | 9.5 | 14.5 |
| - as a subsidiary occupation | 0.3 | 2.3 | 0.8 | 1.8 | 1.9 | 4.0 | 3.2 | 4.5 | 4.5 |
| Other members of the holder's family working on the holding (1000) | 5.0 | 9.5 | 2.3 | 1.5 | 1.4 | 1.2 | 1.5 | 1.0 | 0.5 |
| - women (%) | 35.0 | 30.0 | 35.1 | 32.9 | 27.7 | 26.4 | 24.8 | 29.7 | 27.5 |
| - part-time - under 50 % (%) | 85.6 | 52.9 | 76.0 | 71.2 | 61.2 | 45.5 | 29.1 | 22.6 | 14.5 |
| - 50 % and over (%) | 11.0 | 21.2 | 20.3 | 20.3 | 23.8 | 26.3 | 22.3 | 14.5 | 18.5 |
| - with another gainful activity (%) | 60.0 | 40.3 | 60.4 | 52.1 | 48.9 | 37.4 | 19.8 | 12.7 | 9.7 |

¹ 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 |
|--|------|------|------|------|------|-------|--------|---------|-------|
| Holdings | | | | | | | | | |
| - total number (1000) | 20.8 | 25.0 | 6.8 | 4.7 | 3.8 | 3.0 | 2.8 | 1.5 | 2.4 |
| - by legal personality of the holder (%) | | | | | | | | | |
| - sole holder | 99.4 | 89.3 | 99.5 | 98.6 | 97.9 | 95.8 | 92.4 | 80.5 | 22.4 |
| - legal person | 0.6 | 10.7 | 0.5 | 1.4 | 2.1 | 4.2 | 7.6 | 19.5 | 77.6 |
| - group holders | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - by employed labour force (%) | | | | | | | | | |
| - under 1 AWU | 75.6 | 29.9 | 57.5 | 41.3 | 26.6 | 13.8 | 5.9 | 2.8 | 0.3 |
| - from 1 to less than 2 AWU | 21.5 | 39.0 | 35.7 | 46.0 | 54.8 | 55.3 | 37.4 | 19.0 | 2.6 |
| - from 2 to less than 3 AWU | 2.4 | 13.0 | 5.7 | 10.5 | 13.2 | 21.8 | 31.1 | 19.1 | 1.7 |
| - 3 AWU and over | 0.5 | 18.2 | 1.1 | 2.3 | 5.4 | 9.1 | 25.6 | 59.1 | 95.3 |
| - by agricultural area (%) | | | | | | | | | |
| - under 5 ha | 91.1 | 30.7 | 68.3 | 29.9 | 18.1 | 10.8 | 10.9 | 11.1 | 6.8 |
| - from 5 to less than 20 ha | 8.6 | 29.2 | 28.1 | 60.9 | 45.4 | 17.1 | 8.5 | 2.2 | 1.2 |
| - from 20 to less than 50 ha | 0.3 | 15.3 | 3.0 | 7.7 | 30.9 | 50.3 | 15.6 | 6.5 | 0.5 |
| - from 50 to less than 100 ha | 0 | 8.2 | 0.5 | 1.4 | 4.2 | 16.2 | 38.8 | 9.1 | 2.4 |
| - 100 ha and over | 0 | 16.6 | 0 | 0.2 | 1.3 | 5.6 | 26.2 | 71.1 | 89.1 |
| - by livestock size (%) | | | | | | | | | |
| - without livestock | 26.8 | 20.9 | 13.8 | 19.0 | 22.5 | 26.3 | 29.1 | 34.4 | 17.1 |
| - under 10 LSU ⁺ | 73.1 | 46.1 | 83.1 | 68.2 | 42.3 | 19.0 | 13.8 | 7.5 | 1.3 |
| - from 10 to less than 20 LSU | 0 | 10.1 | 3.0 | 11.3 | 24.0 | 20.2 | 7.2 | 2.8 | 0.4 |
| - from 20 to less than 50 LSU | 0 | 9.0 | 0.2 | 1.4 | 10.4 | 28.6 | 27.1 | 7.5 | 1.1 |
| - from 50 to less than 100 LSU | 0 | 3.8 | 0 | 0.1 | 0.5 | 5.0 | 15.5 | 17.5 | 2.7 |
| - 100 LSU and over | 0 | 10.2 | 0 | 0 | 0.3 | 0.9 | 7.3 | 30.2 | 77.4 |
| - by farm type (%) | | | | | | | | | |
| ... specialist cereals, oil seed and protein crops | 3.6 | 18.0 | 8.1 | 18.9 | 21.4 | 24.4 | 27.6 | 25.3 | 14.3 |
| ... general field cropping | 8.3 | 17.4 | 20.7 | 19.1 | 17.1 | 13.9 | 14.2 | 19.2 | 12.5 |
| ... specialist horticulture | 0 | 3.5 | 1.0 | 2.3 | 4.7 | 5.3 | 6.5 | 7.5 | 2.4 |
| ... specialist vineyard | 14.7 | 2.4 | 4.7 | 1.8 | 2.2 | 0.9 | 1.7 | 0.9 | 0.5 |
| ... specialist fruit and citrus fruit | 0.8 | 2.7 | 2.8 | 3.6 | 2.5 | 3.2 | 2.5 | 2.4 | 1.6 |
| ... specialist olives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ... various permanent crops combined | 0.7 | 1.1 | 0.6 | 1.2 | 1.7 | 1.7 | 1.4 | 1.2 | 0.5 |
| ... specialist dairy farming | 3.7 | 5.0 | 4.1 | 2.9 | 5.4 | 6.4 | 7.0 | 8.7 | 4.4 |
| ... specialist cattle – rearing and fattening | 4.1 | 5.0 | 3.7 | 6.0 | 6.9 | 6.8 | 5.7 | 4.6 | 1.1 |
| ... cattle – dairy farming, rearing and fattening combined | 0.2 | 1.2 | 1.0 | 1.1 | 1.0 | 1.4 | 0.7 | 1.7 | 2.1 |
| ... sheep, goats and other grazing livestock | 18.2 | 3.9 | 7.6 | 5.4 | 2.8 | 1.9 | 1.3 | 0.5 | 0.1 |
| ... specialist granivores | 11.4 | 4.0 | 2.7 | 2.2 | 3.9 | 4.3 | 6.3 | 5.9 | 7.2 |
| ... mixed cropping | 9.0 | 9.7 | 12.5 | 10.4 | 9.1 | 6.5 | 5.4 | 4.0 | 14.4 |
| ... mixed livestock, mainly grazing livestock | 2.4 | 4.1 | 6.7 | 4.5 | 3.1 | 2.5 | 1.1 | 1.1 | 4.8 |
| ... mixed livestock, mainly granivores | 8.1 | 1.2 | 1.5 | 1.1 | 1.3 | 1.5 | 0.7 | 0.6 | 1.1 |
| ... field crops – grazing livestock combined | 3.5 | 15.5 | 15.0 | 15.9 | 13.0 | 13.8 | 13.0 | 10.9 | 27.8 |
| ... various crops and livestock combined | 9.9 | 5.3 | 7.3 | 3.5 | 3.8 | 5.5 | 5.0 | 5.7 | 5.4 |
| - by farming methods (%) | | | | | | | | | |
| - organic farming | 0.1 | 1.9 | 0.2 | 1.2 | 2.1 | 2.9 | 3.8 | 4.5 | 2.7 |
| - irrigating | 1.0 | 6.7 | 2.2 | 5.5 | 8.6 | 8.0 | 9.7 | 13.4 | 9.8 |
| - with crops under glass | 0 | 3.4 | 1.2 | 2.7 | 4.2 | 5.2 | 6.4 | 5.2 | 3.4 |
| - % 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 |
|--|-------------|---------------|-------------|-------------|-------------|--------------|--------------|--------------|---------------|
| Area (1000 ha) | | | | | | | | | |
| • Total area of agricultural holdings | 68.7 | 5140.1 | 42.0 | 57.5 | 89.1 | 132.5 | 247.1 | 340.0 | 4231.8 |
| • H. Other area | 30.8 | 1546.4 | 8.2 | 10.0 | 15.6 | 10.0 | 10.4 | 25.8 | 1466.5 |
| Wooded area | 27.3 | 1460.5 | 7.4 | 8.9 | 13.9 | 7.5 | 6.5 | 21.6 | 1394.6 |
| • Agricultural area | 37.9 | 3593.7 | 33.8 | 47.5 | 73.5 | 122.5 | 236.8 | 314.3 | 2765.4 |
| - D. Arable land | 8.6 | 2695.6 | 12.3 | 22.6 | 38.1 | 65.5 | 140.0 | 191.9 | 2225.2 |
| Cereals | 4.3 | 1464.8 | 8.2 | 16.8 | 28.3 | 46.7 | 89.7 | 112.9 | 1162.2 |
| <i>Common wheat and spelt</i> | 2.0 | 660.5 | 3.6 | 7.2 | 12.4 | 19.5 | 41.9 | 53.8 | 522.2 |
| <i>Durum wheat</i> | 0 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 |
| <i>Rye</i> | 0 | 41.9 | 0.1 | 0.3 | 0.4 | 0.9 | 2.2 | 2.0 | 36.0 |
| <i>Barley</i> | 1.6 | 544.7 | 3.2 | 5.8 | 10.8 | 17.7 | 30.9 | 40.8 | 435.6 |
| <i>Oats</i> | 0.4 | 77.8 | 0.9 | 2.2 | 2.9 | 4.7 | 7.8 | 8.5 | 50.9 |
| <i>Grain maize</i> | 0 | 80.5 | 0 | 0.2 | 0.3 | 0.9 | 2.2 | 3.1 | 73.9 |
| Dried pulses | 0 | 30.9 | 0 | 0.1 | 0.2 | 0.7 | 2.3 | 2.6 | 25.0 |
| Root crops | 1.0 | 112.2 | 1.4 | 1.3 | 1.4 | 2.2 | 3.7 | 8.1 | 94.1 |
| <i>Potatoes</i> | 0.9 | 35.1 | 1.2 | 1.1 | 1.2 | 1.5 | 2.2 | 2.8 | 25.0 |
| <i>Sugar beet</i> | 0 | 76.0 | 0 | 0 | 0.1 | 0.6 | 1.4 | 5.2 | 68.6 |
| <i>Fodder root</i> | 0.2 | 1.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.5 |
| Industrial crops | 0.1 | 432.5 | 0.2 | 0.9 | 2.9 | 7.0 | 21.9 | 35.5 | 364.1 |
| <i>Tobacco</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Hops</i> | 0 | 6.1 | 0 | 0 | 0 | 0.1 | 0.2 | 0.4 | 5.5 |
| <i>Cotton</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>Rape and turnip</i> | 0 | 245.4 | 0.1 | 0.6 | 1.7 | 4.0 | 11.7 | 18.6 | 208.8 |
| <i>Sunflower</i> | 0 | 49.4 | 0 | 0 | 0.1 | 0.6 | 2.6 | 4.4 | 41.7 |
| <i>Soya</i> | 0 | 7.4 | 0 | 0 | 0.1 | 0.1 | 0.2 | 0.8 | 6.2 |
| Fresh vegetables, melons, | 0 | 11.0 | 0.1 | 0.1 | 0.3 | 0.4 | 0.8 | 1.3 | 8.1 |
| <i>outside</i> | 0 | 10.8 | 0.1 | 0.1 | 0.3 | 0.3 | 0.7 | 1.3 | 7.9 |
| <i>under glass</i> | 0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| Flower and ornamental plants | 0 | 0.8 | 0 | 0 | 0 | 0 | 0.1 | 0.2 | 0.4 |
| <i>outside</i> | 0 | 0.7 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0.4 |
| <i>under glass</i> | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| Fodder plants | 1.0 | 472.0 | 1.1 | 1.7 | 3.2 | 5.8 | 13.2 | 20.7 | 426.3 |
| Fallow land | 2.0 | 150.2 | 1.3 | 1.5 | 1.6 | 2.3 | 7.3 | 9.6 | 126.5 |
| - E. Kitchen garden | 2.0 | 2.7 | 0.7 | 0.5 | 0.3 | 0.3 | 0.2 | 0.2 | 0.5 |
| - F. Permanent pasture and meadows | 26.2 | 861.6 | 20.1 | 23.7 | 34.1 | 55.2 | 93.7 | 119.1 | 515.6 |
| - G. Permanent crops | 1.0 | 33.7 | 0.7 | 0.7 | 1.0 | 1.5 | 2.8 | 3.0 | 24.1 |
| Fruit and berry plantation | 0.1 | 20.6 | 0.3 | 0.4 | 0.5 | 1.0 | 1.6 | 2.0 | 14.7 |
| Citrus plantation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Olive trees | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vineyard | 0.9 | 11.5 | 0.4 | 0.2 | 0.4 | 0.4 | 0.9 | 0.7 | 8.5 |
| Ratios | | | | | | | | | |
| Agricultural area per holding (ha) | 1.8 | 143.8 | 5.0 | 10.2 | 19.2 | 40.2 | 84.3 | 209.2 | 1158.5 |
| Agricultural area... (%) | | | | | | | | | |
| ... own farmed | 81.8 | 9.8 | 66.2 | 62.4 | 51.1 | 38.8 | 24.5 | 14.4 | 4.0 |
| ... in less favoured or mountain area | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ... organic farmed | 0.6 | 4.7 | 1.0 | 2.4 | 5.0 | 11.8 | 15.8 | 16.4 | 2.2 |
| ... irrigated | 0.2 | 0.5 | 0.2 | 0.4 | 0.6 | 0.4 | 0.3 | 0.7 | 0.5 |
| ... 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 |
|--|------------------------|-------------|---------------|-------------|-------------|-------------|-------------|--------------|--------------|---------------|
| Total livestock | (1000 LSU) | 18.4 | 2262.1 | 17.3 | 20.9 | 34.1 | 53.0 | 100.5 | 128.8 | 1907.5 |
| of which grazing | (%) | 62.6 | 49.9 | 73.0 | 80.4 | 73.4 | 69.7 | 60.8 | 57.4 | 47.3 |
| Grazing livestock | (1000 heads) | | | | | | | | | |
| Equidae | | 3.5 | 19.4 | 3.7 | 3.2 | 2.8 | 2.7 | 2.7 | 3.2 | 1.1 |
| Bovine animals | | | | | | | | | | |
| Under 1 year | | 3.0 | 390.8 | 3.8 | 6.3 | 9.9 | 14.7 | 21.5 | 24.7 | 310.0 |
| From 1 to less than 2 years | | 3.1 | 378.2 | 3.8 | 5.1 | 8.9 | 11.7 | 17.6 | 19.8 | 311.3 |
| Dairy cows | | 1.1 | 466.7 | 2.1 | 2.3 | 4.1 | 7.4 | 14.4 | 20.0 | 416.3 |
| Other cows | | 0.7 | 136.1 | 1.2 | 3.7 | 6.4 | 10.1 | 18.9 | 23.3 | 72.4 |
| Other bovine animals 2 years and older | | 0.7 | 124.3 | 1.0 | 1.4 | 2.3 | 4.3 | 8.0 | 9.5 | 97.7 |
| Sheep | | 26.8 | 95.9 | 12.5 | 15.5 | 11.1 | 14.2 | 15.4 | 8.5 | 18.7 |
| Goats | | 3.6 | 10.2 | 2.1 | 1.6 | 2.0 | 1.5 | 1.9 | 0.5 | 0.4 |
| Granivores | | | | | | | | | | |
| Pigs | (1000 heads) | | | | | | | | | |
| Piglets < 20 kg | | 1.5 | 1130.1 | 2.3 | 3.0 | 6.6 | 11.2 | 20.3 | 33.5 | 1053.3 |
| Breeding sows | | 0.4 | 392.9 | 0.8 | 0.9 | 2.3 | 3.7 | 7.6 | 12.0 | 365.6 |
| Other pigs | | 11.5 | 1972.7 | 6.9 | 7.0 | 12.4 | 22.4 | 46.9 | 69.1 | 1808.0 |
| Poultry | (million heads) | 0.2 | 30.0 | 0.1 | 0.1 | 0.4 | 0.6 | 2.1 | 3.1 | 23.6 |
| Broilers | | 0 | 18.2 | 0 | 0 | 0.3 | 0.5 | 1.8 | 2.8 | 12.9 |
| Laying hens | | 0.1 | 10.4 | 0.1 | 0 | 0.1 | 0 | 0.1 | 0.1 | 9.9 |
| Other poultry | | 0 | 1.4 | 0 | 0 | 0 | 0.1 | 0.2 | 0.2 | 0.8 |
| Rabbits, breeding females | (1000 heads) | 10.6 | 26.3 | 6.2 | 5.1 | 5.8 | 0.7 | 1.1 | 5.7 | 1.5 |
| Beehives | (1000) | 3.8 | 12.1 | 4.9 | 2.0 | 1.6 | 0.7 | 1.5 | 0.5 | 1.0 |
| Total livestock per holding with... | (LSU/holding) | | | | | | | | | |
| Livestock | | 1.2 | 114.4 | 3.0 | 5.5 | 11.5 | 23.6 | 50.5 | 130.8 | 964.3 |
| Grazing livestock | | 1.6 | 107.7 | 3.6 | 6.4 | 12.4 | 23.0 | 46.1 | 119.8 | 845.4 |
| Bovine animals (cattle) | | 1.8 | 118.5 | 3.5 | 6.3 | 12.6 | 23.6 | 48.3 | 122.3 | 844.8 |
| Cattle, other than cows | | 1.9 | 128.5 | 3.8 | 6.6 | 12.8 | 23.8 | 48.8 | 123.2 | 844.8 |
| Granivores | | 1.1 | 124.2 | 2.5 | 4.6 | 10.3 | 21.7 | 47.1 | 134.7 | 1139.6 |
| Pigs | | 1.1 | 149.5 | 2.4 | 4.5 | 9.2 | 18.8 | 37.5 | 102.3 | 1123.1 |
| Average size of herds* | (head/holding) | | | | | | | | | |
| Equidae | | 2.3 | 6.0 | 4.0 | 4.8 | 5.4 | 6.6 | 7.8 | 16.2 | 7.1 |
| Dairy cows | | 1.0 | 63.5 | 1.2 | 1.9 | 4.0 | 8.4 | 18.0 | 53.5 | 309.3 |
| Other cows | | 1.4 | 31.5 | 2.5 | 4.6 | 8.4 | 15.1 | 30.7 | 68.4 | 116.8 |
| Sheep | | 9.7 | 42.4 | 18.5 | 31.5 | 34.7 | 50.9 | 64.9 | 70.1 | 134.8 |
| Goats | | 2.1 | 5.9 | 2.8 | 3.9 | 10.3 | 10.0 | 16.7 | 15.3 | 10.1 |
| Breeding sows | | 1.4 | 89.1 | 1.9 | 2.0 | 3.2 | 5.6 | 11.7 | 35.7 | 318.0 |
| Other pigs > 20 kg | | 1.8 | 188.7 | 2.3 | 3.9 | 7.7 | 19.0 | 44.6 | 148.9 | 1339.3 |
| Rabbits, breeding females | | 3.3 | 10.9 | 5.3 | 8.2 | 20.5 | 3.9 | 9.9 | 164.1 | 109.3 |
| Laying hens | (1000/holding) | 0 | 1.0 | 0 | 0 | 0 | 0 | 0.2 | 0.8 | 80.5 |
| Broilers | (1000/holding) | 0 | 29.6 | 0.1 | 0 | 2.9 | 7.9 | 33.3 | 83.2 | 81.0 |
| Beehives | (hive/holding) | 6.9 | 12.4 | 11.3 | 13.1 | 9.5 | 7.0 | 18.9 | 14.4 | 63.6 |

* 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 |
|---|------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| Holdings with another gainful activity than agricultural production: | | | | | | | | | |
| (% all holdings) | 3.5 | 11.9 | 6.5 | 9.1 | 11.8 | 10.5 | 13.0 | 15.0 | 31.8 |
| Tourism | 0.4 | 1.1 | 0.8 | 0.8 | 1.6 | 0.8 | 1.9 | 1.1 | 0.7 |
| Handicraft | 0.1 | 0.3 | 0 | 0.2 | 0 | 0.1 | 0.2 | 0.3 | 1.8 |
| Processing of farm products | 0.8 | 2.2 | 1.2 | 1.2 | 1.5 | 1.4 | 2.1 | 2.5 | 9.0 |
| Wood processing | 1.1 | 2.2 | 1.7 | 2.6 | 2.5 | 1.7 | 2.7 | 2.1 | 2.4 |
| Aquaculture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable energy production | 0 | 0.1 | 0 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 |
| Contractual work | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other gainful activities n.a.e | 1.4 | 7.6 | 3.0 | 4.8 | 6.9 | 7.1 | 7.2 | 10.3 | 27.1 |

► METHODOLOGICAL NOTES

The survey on the structure of agricultural holdings in the Czech Republic was carried out in the autumn 2003 on a sample base. Prior full-scale agricultural census has been conducted last time in 2000. The reference time of the agricultural survey 2003 was 30th September 2003. However for labour force characteristics the reference period was from 1st October 2002 until 30th September 2003.

The target population was all holdings (legal holdings, own-account farmers' holdings and other natural persons' holdings) reaching the threshold applied in 2000 census (now included in farm register). The sampling combined geographical location with aspects of legal form and economic size. Each municipality was arranged into the 54 strata taking into account their location in administrative regions and natural conditions of farming. Each municipality was assigned its weight based on the number of farms on it, and these weights were summing up in each stratum. Municipalities were random sampled in each stratum until the sample-weight reached 25% of the strata. Thus 1489 municipalities have been chosen (25.4%). All holdings of natural persons had been surveyed in these municipalities, as well as the small units under threshold and new holdings declared agriculture as one of their activity. Moreover all units with legal personality and all holdings of natural persons exceeded SGM 1.25 million Czech crowns (about 35 000 euros) were observed in the country. Altogether 27 475 units were visited (18 602 drawn from the register, 7 598 small units and 1 275 new holdings).

The data are multi-level checked. Partly completed questionnaires have been corrected via contact with the farmers.

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 1800 hours (225 working days of 8 working hours per day).

The date of extraction of the data used for this Statistics in Focus corresponds to the date of completion of the manuscript.

► REFERENCE PUBLICATIONS

Strukturální výsledky za zemědělství ČR v roce 2003, Czech Statistical Office, 2004.

Strukturální výsledky za zemědělství ČR Analytické vyhodnocení za rok 2003, Czech Statistical Office, 2004.

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Website of the Czech Statistical Office (Český statistický úřad) www.czso.cz

Further information:

➤ **Databases**

[EUROSTAT website/Agriculture, forestry and fisheries/Agriculture/Structure of agricultural holdings](http://europa.eu.int/comm/eurostat/AGRI/AGRI_STRUCTURE)

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