Agriculture and fisheries

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Farm Structure Survey in France - 2007

8% fewer holdings with vineyards in France in two years

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 France.

527 400 agricultural holdings were recorded in France in the Farm Structure Survey 2007 (7% fewer than in 2005).

Due to the different coverage of the FSS across Member States, the total number of farms is not comparable between countries. This is why the present analysis, including Tables 1-4 and the graphs focus on holdings of at least one European Size Unit (ESU). See the methodological notes for more information on the concept of ESU.

In 2007, 93% of the **agricultural holdings** (491 100) had an economic size of at least 1 ESU, compared with 527 600 in 2005 (a 7% reduction).

They use about **27.4 million ha of utilised agricultural area** (UAA), this area represented 95% of the UAA of French holdings and an average of 56 ha per holding.

These holdings employed **794 000 AWUs** (annual work units) including non regular employment, 6% less than in 2005. The average area per AWU was 38.6.

They had **22.5 million livestock units** (LSU) in 2007, slightly less (1%) than in 2005.

Amongst these **491 100** agricultural holdings:

30% made use of less than one AWU, while another 29.6% made use of 2 or more AWUs;

10% used less than 2 ha, while 41% used 50 ha or more;

18.0% of the holdings specialised in cereals, oil seed and protein crops;

13.8% of French farms specialised in vineyards, a 8% decrease compared with 2005;

13% were specialised in cattle – rearing and fattening;

11% of the holdings were engaged in various dairy farming;

9% were specialised in sheep, goats and other grazing livestock;

The family labour **input** has decreased by 11% from 2005 to 2007 and represented 46% of the **regular** labour **input** in France.

Amongst the sole holders:

23% were women;

38% were aged 55 or more and 8% were younger than 35 years;

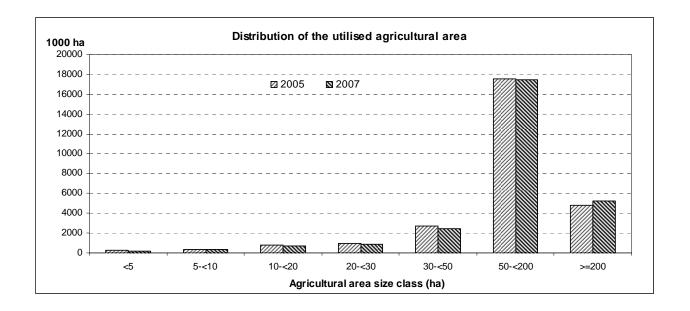
20% of the sole holders had another gainful activity in 2007.

In 2007 in France 25% of the agricultural area was farmed by its owners.

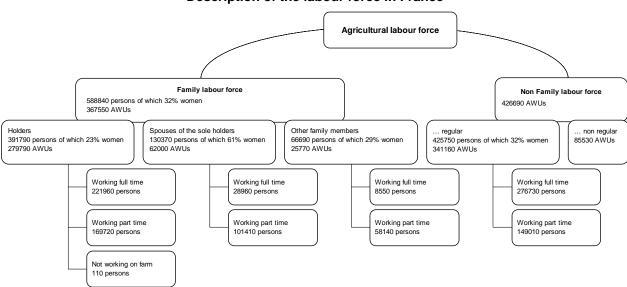
There was a noticeable decrease in the pulses area, as almost half (47%) disappeared between 2005 and 2007. In the same time the area sown with rape and turnip rose by almost one third (32%) to raise bio fuel production.

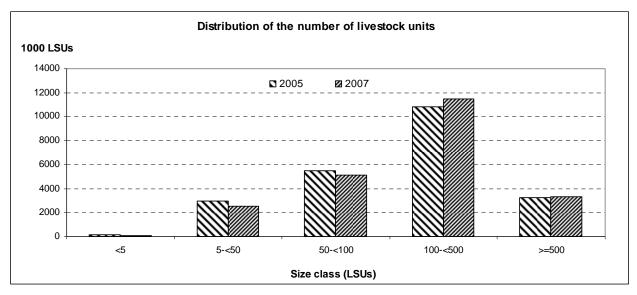
As in 2005 1.6% of the UAA was used for organic farming in 2007. The average area of these types of holdings was 50.6 ha.





Description of the labour force in France





^{*}LSUs = Livestock Unit

Table 1 – Labour force by size of the farms

			Δ	aricultur	al area (ha)	All	Livestock (LSU*)			
	Size of the farms	-	<20	20-<50	50-<100	>=100	farms	0	>0-<50		>=100
Total labour for	ce				•						
1000 annual work units		213.1	165.2	198.3	217.6	794.2	327.8	181.8	123.9	160.8	
Family labour fo	orce										
1000 persons			264.0	129.4	120.6	74.9	588.8	197.4	244.4	86.6	60.3
1000 annual v			120.1	89.3		63.7	367.6	107.7	137.3	69.5	53.0
	ur regularly employed										
1000 persons			84.9	70.1	106.3	164.3	425.7	191.9	49.1	62.6	122.2
1000 percent			67.0	55.2		133.6	341.2	154.9	35.5	49.6	101.1
	n family labour force		00	30.2		.00.0	01112	.0	00.0	.0.0	
1000 annual v	-		26.0	20.8	18.4	20.4	85.5	65.1	9.0	4.8	6.7
Holding manage	ers	1000	195.1	99.0		90.4	491.1	180.7	172.3	70.9	67.1
- women		(%)	29.9	22.2		10.1	21.4	22.5	27.2	13.7	11.9
- part-time:	- under 50 % - 50 % and over	(%)	54.7	19.6		5.1	28.2	38.2	37.7	3.5	2.8
		(%)	12.5	11.7		7.3	10.6	11.3	14.1	6.0	4.8
Sole/main holde	ers	1000 (%)	177.8	81.5		55.7	391.8	136.7	157.2	53.6	44.3
	- women		30.9	22.9	13.8	8.0	22.6	24.6	27.8	13.0	9.7
-distribution b		(%)									
- under 35 years			5.1	7.6		15.7	8.4	7.3	5.5	12.6	17.1
- from 35 to 44 years			16.8	23.0		32.9	22.6	19.8	18.8	30.4	35.2
- from 45 to 54 years			26.3	35.7		32.8	30.9	30.4	29.2	35.5	33.2
- from 55 to 64 years			27.7	28.9		17.1	25.4	27.1	29.0	20.2	13.9
- 65 years		(0()	24.2	4.9		1.5	12.6	15.4	17.5	1.3	0.6
- part-time:	- under 50 %	(%)	58.1	20.2		3.5	32.4	45.0	39.8	3.5	2.0
	- 50 % and over	(%)	12.7	12.3		6.0	11.0	11.2	14.4	6.0	4.1
	gainful activity ¹	(%)	33.3	24.3		11.3	24.5	31.7	28.4	8.9	7.7
	occupation		26.5	12.9		1.6	15.6	21.2	19.6	2.0	1.0
- as a subs	sidiary occupation		6.7	11.4	10.6	9.7	8.9	10.5	8.8	6.9	6.8
Spouse of sole	holder	1000	61.1	29.6	27.5	12.2	130.4	42.8	56.8	20.1	10.7
- women		(%)	51.3	59.3	75.4	85.8	61.4	60.4	52.7	76.9	82.6
-distribution b	, 0	(%)									
- under 35	•		4.1	5.6		7.5	5.3	5.1	4.3	7.1	7.6
- from 35 to	•		40.7	53.6		66.8	50.8	48.4	43.5	65.3	71.7
- 55 years			55.3	40.8		25.6	44.0	46.5	52.2	27.6	20.7
- part-time:	- under 50 %	(%)	73.1	51.4		49.9	60.1	67.7	65.3	41.8	35.8
	- 50 % and over	(%)	13.6	23.1		19.7	17.7	15.3	17.8	21.5	20.2
- with another gainful activity (%)		(%)	29.4	32.3	29.3	32.6	30.3	31.8	30.3	28.7	27.8
Other members of the holder's family		4000	05.4	40.0	40.0	7.0	66.7	47.0	20.4	40.0	<i>.</i>
working on the holding 1000		25.1	18.3		7.0	66.7	17.9	30.4	12.9	5.4	
- women	under 50 %	(%)	29.6	32.1		22.3	29.4	26.8	31.4	31.2	22.3
- part-time:	- under 50 % - 50 % and over	(%)	78.1	72.9		56.7	72.0	71.9	77.2	65.8 17.7	58.0 18.5
علد من مناس		(%)	12.8	14.8		20.8	15.2	14.5	13.9	17.7	18.5
- with another	gainful activity	(%)	30.4	22.2	19.4	23.5	24.7	31.2	24.3	17.1	23.7

^{*}LSU = Livestock unit

Source: Eurostat (ef_ov_lfft)

¹ Only sole holders who are also farm managers

":" not available

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

Size of the farms		gricultura	al area (ha	1)	All	Livestock (LSU)			
		20-<50	50-<100	>=100	farms	0	>0-<50	50-<100	>=100
Holdings									
- total number 1000	195.1	99.0	106.6	90.4	491.1	180.7	172.3	70.9	67.1
- by legal personality of the holder (%)									
- sole holder	89.8	78.7	61.2	32.9	70.9	71.8	88.9	62.2	31.5
- legal person	8.9	17.7	27.9	38.3	20.2	24.4	8.8	24.3	34.0
- group holders	1.3	3.6	10.8	28.8	8.9	3.8	2.3	13.5	34.5
- by employed labour force (%)									
- under 1 AWU	58.8	21.9	8.7	4.1	30.4	39.9	42.6	3.3	2.0
- from 1 to less than 2 AWU	26.6	52.3	53.9	38.7	39.9	33.8	43.7	55.3	30.7
- from 2 to less than 3 AWU	8.2	16.2	27.9	33.9	18.8	12.6	10.8	33.5	40.8
- 3 AWU and over	6.4	9.6	9.5	23.3	10.8	13.7	2.9	7.8	26.5
- by economic size (%)									
- from 1 to less than 8 ESU	55.1	7.5	0.7	0.3	23.6	23.8	42.3	0.1	0
- from 8 to less than 16 ESU	14.7	17.1	2.4	0.6	9.9	10.5	16.4	1.9	0.2
- from 16 to less than 40 ESU	14.7	40.2	26.3	4.8	20.5	18.5	23.7	33.5	4.5
- from 40 to less than 100 ESU	9.4	25.3	58.0	40.9	29.0	25.2	13.7	55.2	50.7
- 100 ESU and over	6.0	9.8	12.6	53.4	16.9	22.1	3.9	9.3	44.6
- by type of farming (top 5 + 'other') (%)									
specialist cereals, oil seed and protein crops		16.4	18.1	32.5	18.0	30.3	17.0	4.1	2.0
specialist vineyard	25.8	13.0	3.7	0.9	13.8	34.1	3.6	0.2	0.1
specialist cattle – rearing and fattening	9.5	14.9	15.9	13.5	12.7	0	18.7	23.0	20.6
specialist dairy farming	1.7	16.4	24.2	10.7	11.2	0	9.4	34.7	21.3
sheep, goats and other grazing livestock	10.4	10.5	6.3	4.9	8.5	1.6	17.7	8.4	3.7
Other types of farming	40.5	28.8	31.9	37.5	35.7	34.1	33.5	29.7	52.3
- by farming methods (%)									
- organic farming	1.4	2.1	2.4	1.6	1.8	1.6	2.0	2.3	1.2
- irrigating	16.4	15.4	15.1	19.4	16.4	26.0	12.0	9.2	9.9
- with crops under glass	5.8	1.5	0.7	0.4	2.8	6.2	1.3	0.3	0.2
- with another gainful activity than agricultural production: (%)	27.5	23.8	20.7	24.3	24.7	32.4	22.6	17.0	17.3
Tourism	3.0	4.0	3.5	2.5	3.2	3.0	4.1	2.8	2.0
Handicraft	0.5	0.2	0.1	0.1	0.3	0.4	0.3	0.1	0.1
Processing of farm products	11.0	11.5	7.6	5.3	9.3	14.9	7.1	5.4	4.2
Wood processing	0.6	1.3	1.1	1.0	0.9	0.4	1.4	1.1	0.8
Aquaculture	:	:	:	:	: :		:	:	:
Renewable energy production	:	:	:	:	:		:	:	:
Contractual work	1.7	3.4	5.6	12.5	4.9	6.1	3.2	4.8	6.1
Other gainful activities n.a.e	23.1	16.3	12.0	10.6	17.0	23.1	16.3	9.9	9.8

^{*}LSU = Livestock unit

Source: Eurostat (ef ov kvaaesu)

":" not available

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

Size of the farms		Aç	gricultura	l area (ha	1)	All	Livestock (LSU)				
		<20	20-<50	50-<100	>=100	farms	0	>0-<50	50-<100	>=100	
Area (1000	ha)										
Total area of agricultural holdings	,	1583.6	3689.3	2057 2	15475.8	28805.9	8234.2	6300.1	6009.9	8261.7	
H. Other area		326.1	319.1	377.3	412.6	1435.1	463.3	514.0	240.7	217.1	
Wooded area		218.2	211.2	249.5	242.2	921.1	268.8	382.5	157.8	112.0	
Agricultural area		1257.5	3370.2		15063.3		7770.9	5786.1	5769.2	8044.6	
_		491.7	1898.0	5065.1	10834.8	18289.6	6649.0	3487.6	3277.7	4875.3	
 D. Arable land Cereals 		223.0	835.4	2258.6	5716.6	9033.5	3948.6	1776.7	1293.1	2015.0	
Common wheat and spelt		83.5	347.8	1133.0	3207.7	4772.0	2084.4	872.8	692.6	1122.1	
Durum wheat		11.3	44.0	109.7	298.8	463.8	338.3	82.6	19.0	24.0	
Rye		1.2	44.0	7.3	14.0	27.0	8.4	7.3	6.0	5.2	
Barley		28.7	115.0	362.9	1154.9	1661.5	738.3	320.8	251.4	351.0	
Oats		4.8	13.2	28.8	49.9	96.7	20.4	30.8	21.3	24.2	
Grain maize		77.8	247.7	461.1	764.4	1551.0	673.3	367.2	184.1	326.4	
Dried pulses		2.4	11.4	46.5	167.6	227.9	119.2	47.2	26.8	34.6	
Root crops		6.7	29.6	104.1	419.5	560.0	361.8	85.5	50.7	61.9	
Potatoes		5.1	12.0	30.1	107.7	154.9	97.2	23.5	13.4	20.8	
Sugar beet		1.0	15.3	69.8	307.1	393.3	264.3	58.9	33.8	36.3	
Fodder root		0.5	2.3	4.2	4.8	11.8	0.4	3.2	3.5	4.8	
Industrial crops		63.6	141.1	457.5	1654.7	2316.9	1221.5	483.0	244.8	367.8	
Tobacco		0.5	2.4	2.5	2.2	7.5	3.9	2.3	0.7	0.6	
Hops		0	0.6	0.3	0.1	1.0	0.7	0.2	0	0	
Cotton		0	0	0	0	0	0	0	0	0	
Rape and turnip		12.5	58.6	265.1	1251.7	1587.9	826.0	278.1	184.1	299.7	
Sunflower		15.0	63.9	150.8	276.5	506.1	281.2	146.8	38.2	40.0	
Soya		0.8	3.9	9.4	18.2	32.3	17.8	9.2	2.9	2.4	
Fresh vegetables, melons, strawberry		34.1	44.8	57.0	104.2	240.1	159.6	36.0	15.5	29.1	
outside		29.8	43.1	56.3	103.6	232.7	152.8	35.5	15.4	29.0	
under glass		4.3	1.7	0.8	0.6	7.5	6.7	0.5	0.1	0.1	
Flower and ornamental plants		5.9	1.1	0.5	1.4	8.9	8.4	0.4	0	0.1	
outside		3.8	1.0	0.5	1.4	6.6	6.1	0.3	0	0.1	
under glass		2.1	0.1	0.1	0	2.3	2.2	0.1	0	0	
Forage plants		88.4	676.7	1791.8	2025.7	4582.5	152.8	797.2	1493.7	2138.8	
Fallow land		66.6	154.5	335.4	707.7	1264.2	642.6	250.8	149.6	221.2	
- E. Kitchen garden		4.9	2.2	2.2	1.6	10.9	2.6	5.7	1.6	1.0	
- F. Permanent pasture and meadows		434.2	1094.8	2386.5	4099.3	8014.6	213.3	2174.9	2471.8	3154.7	
- G. Permanent crops		326.7	375.2	226.1	127.7	1055.7	906.0	118.0	18.1	13.6	
Fruit and berry plantation		48.1	60.2	43.1	31.1	182.6	136.4	30.5	8.3	7.4	
Citrus plantation		1.9	1.2	0.4	0.1	3.5	2.9	0.6	0	0	
Olive trees		7.4	3.5	1.6	1.2	13.7	11.7	1.8	0.1	0.1	
Vineyard		261.8	305.0	175.5	89.1	831.4	733.1	82.9	9.5	6.0	
Ratios											
	ha)	6.4	34.0	72.0	166.6	55.7	43.0	33.6	81.4	119.8	
	(%)										
own farmed	` '	63.6	44.6	27.7	15.9	24.9	25.5	37.9	24.4	15.3	
in less favoured or mountain area		44.9	46.9	44.7	43.4	44.3	25.1	56.0	54.7	46.9	
organic farmed		1.6	1.9	2.1	1.3	1.6	0.9	2.5	2.3	1.2	
<u> </u>	1	7.3	5.4	4.7	5.8	5.5	12.1	4.4	2.2	2.4	

*LSU = Livestock unit

Source: Eurostat (ef ov lusum)

":" not available

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

Size of the farms			gricultura	l area (ha	1)	All		Livestoc	k (LSU)	
			<20 20-<50 50-<100 >=100			farms	0	>0-<50	50-<100	>=100
Total livestock	(1000 LSU)	2594.8	3719.0	7658.1	8528.4	22500.3	0	2662.0	5108.7	14729.7
of which grazing	(%)	24.5	56.4	70.0	82.8	67.4	:	93.7	94.5	53.2
Grazing livestock	(1000 heads)									
Equidae		139.7	93.9	66.3	68.2	368.1	0	242.0	81.1	45.0
Bovine animals		645.4	2521.9	6830.6	9338.2	19336.1	0	2583.5	6038.6	10714.0
Under 1 year		239.4	681.3	1745.8	2496.1	5162.6	0	553.5	1502.5	3106.6
From 1 to less than 2 years		78.6	371.7	1236.7	1915.5	3602.5	0	370.2	1022.1	2210.2
Dairy cows		53.8	575.8	1582.8	1602.2	3814.6	0	496.1	1427.9	1890.6
Other cows		178.7	579.9	1405.3	2109.9	4273.8	0	794.6	1318.8	2160.4
Other bovine animals 2 years	and older	95.0	313.2	860.0	1214.4	2482.6	0	369.1	767.3	1346.2
Sheep		750.6	1604.8	2730.2	3273.8	8359.3	0	3085.1	2886.8	2387.5
Goats		192.0	298.1	460.0	352.2	1302.3	0	695.8	336.6	269.9
Granivores										
Pigs	(1000 heads)	2498.4	3105.6	5163.9	3514.0	14281.8	0	178.3	409.9	13693.6
Piglets < 20 kg	(1000 11011110)	1000.9	1083.1	1811.8	1234.1	5129.8	0	76.3	144.8	4908.6
Breeding sows		259.3	255.0	418.6	284.2	1217.1	0	18.7	51.9	1146.5
Other pigs		1238.2	1767.5	2933.6	1995.7	7934.9	0	83.3	213.1	7638.5
Poultry	(million heads)	91.0	59.8	76.5	48.4	275.6	0	9.0	15.9	250.7
Broilers	, ,	31.0	28.9	39.3	26.7	125.9	0	5.4	11.3	109.1
Laying hens		37.0	12.5	14.7	9.4	73.6	0	1.6	1.9	70.2
Other poultry		23.0	18.4	22.5	12.3	76.2	0	2.1	2.7	71.4
Rabbits, breeding females	(1000 heads)	382.5	206.5	181.2	92.9	863.1	0	510.6	165.5	187.0
Beehives	(1000)	652.8	26.9	20.8	14.3	714.8	570.9	135.2	6.0	2.8
Average size of herds*	(head/holding)	002.0					0.0.0		0.0	
Equidae	(head/holding)	8.2	9.5	6.8	7.8	8.1	:	8.0	9.8	6.8
Cattle	(head/holding)	16.7	50.1	95.3	170.8	89.8	:	27.3	93.0	192.3
Dairy cows	(head/holding)		26.2	39.8	60.2	41.0	:	19.7	39.1	60.2
Other cows	(head/holding)	6.5	19.9	35.2	59.0	32.3	:	12.8	37.0	62.3
Sheep	(head/holding)	35.7	137.2	222.3	295.1	149.0	:	81.4	281.0	300.6
Goats	(head/holding)	23.6	71.6	124.4	130.4	69.7	:	49.7	121.5	141.5
Pigs	(head/holding)	239.7	358.9	531.5	570.7	408.6	:	11.6	73.5	976.0
Breeding sows	(head/holding)	82.5	106.5	128.6	141.5	112.7	:	6.7	38.9	171.9
Other pigs > 20 kg	(head/holding)	133.1	213.3	313.9	340.0	241.9	:	6.0	41.3	556.9
Rabbits, breeding females	(head/holding)	20.1	21.7	19.6	18.2	20.1	:	16.3	22.6	42.9
Laying hens	(1000/holding)	0.9	0.5	0.6	0.7	0.7	:	0	0.1	5.6
Broilers	(1000/holding)	1.4	2.2	2.9	3.4	2.2	:	0.1	1.2	10.5
Beehives	(hive/holding)	90.3	28.9	31.0	29.2	76.7	111.2	38.7	13.8	11.1

*LSU = Livestock unit

Source: Eurostat (ef ov Issum)

			Absolute figure	% of	total	
		Total	< 1 ESU	>= 1 ESU	< 1 ESU	>= 1 ESU
Regular Labour force	(1000 pers)	1060.4	45.8	1014.6	4.3	95.7
Regular labour force	(1000 AWU)	718.5	9.8	708.7	1.4	98.6
Holders with	(1000)	427.6	35.8	391.8	8.4	91.6
at least 65 years		65.8	16.3	49.5	24.7	75.3
another gainful activity		107.9	11.8	96.1	11.0	89.0
Number of sole holdings	(1000)	527.4	36.3	491.1	6.9	93.1
producing mainly for own consumption		:	:	:	:	:
producing mainly for direct sales		:	:	:	:	:
SGM	(1000 ESU)	28258.4	21.3	28237.1	0.1	99.9
Agricultural area	(1000 ha)	27476.9	106.1	27370.8	0.4	99.6
own farmed		6905.1	88.3	6816.8	1.3	98.7
Livestock	(1000 LSU*)	22543.6	43.3	22500.3	0.2	99.8

^{*} LSU = Livestock unit

>METHODOLOGICAL NOTES

The "Service de la Statistique et de la Prospective" (SSP) is the central statistical department of the Ministry of agriculture (MAAP). In collaboration with its regional statistical services it implemented the survey on the structure of agricultural holdings in France. The previous full-scale agricultural census was conducted in 2000. Since 2003 the delivered results also include the overseas departments. The reference period of the survey was the crop year ending on 31 October 2007. However, in the case of the livestock, the reference date is the day of the interview.

The target population consisted of all the holdings producing agricultural goods, reaching a certain threshold (in terms of land area, number of livestock or volume of production) and independently managed. The sampling frame was the Agricultural Census in 2000. The permanent panel (used also in the 2003 and 2005 FSS) was drawn using random sampling with the Neyman-allocation method based on the type of farm and economic size. For each department (NUTS 3) an exhaustiveness threshold (generally 250 ESU) was defined to ensure all larger units were included; these holdings were inserted into a separate stratum. The sample size covered 13.3% of the French farms, i.e. near 77 774 units (of which 3 554 were in the overseas departments).

The questionnaires were filled in during personal interviews carried out from October 2007 until February 2008

Non-response rate in the 2007 FSS in France was quite low: (0.1%). Data from the previous 2003 and 2005

census was, as well as administrative sources were used for imputation.

Between FSS 2005 and 2007 "maintaining land in good agricultural and environmental conditions" (GAEC) became an agricultural activity and the concerned land has been included in the agricultural area. In France it covers close to 90 000 ha, 97% in holdings with at least 1 ESU.

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 France it is 1603 hours (229 working days of 7 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.

> REFERENCE PUBLICATIONS

Website of the Service de la Statistique et de la Prospective of the Ministry of Food, Agriculture and Fisheries:

http://www.agreste.agriculture.gouv.fr/

National Methodological Report . FSS 2007 (available on request).

Further information

Data: Eurostat Website: http://ec.europa.eu/eurostat

Data on "Agriculture Statistics":

http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/data/database

More information about "Agriculture Statistics":

http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/introduction

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