



# RAPID REPORTS

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### Structure of agricultural holdings: 1989/90 basic survey

#### Preliminary provisional results for EUR-12

The 1989/90 survey on the structure of agricultural holdings was the ninth in the series of Community surveys since 1977, the first for which the Member States (apart from Germany) transmitted individual data on holdings to Eurostat instead of tabular results. Germany transmitted the tabular results directly to Eurostat. The individual data will be used in compiling the standard tables contained in the tabular data bank of the EUROFARM system (BDT) and the ad hoc tables.

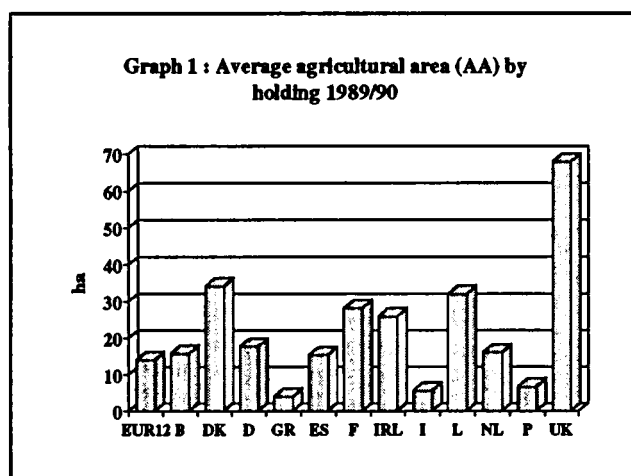
The Eurofarm system is a set of data banks to be used for processing Community surveys on the structure of agricultural holdings for the requirements of national and Community agricultural policies.

The preliminary results published in this report are provisional, and may be subject to minor changes in the framework of further data exploitation. At first glance, there appear to have been some distinct changes in the tabular results for certain structural characteristics over the period 1987 to 1989/90 (e.g. in France, Ireland, Spain and Portugal). It should be borne in mind, however, that these changes in the survey results are due in part to methodological factors (sample survey in 1987, full survey in 1989/90). The results in individual Member States relate to different reference years 1).

- 1) Belgium (1990), Denmark (1989), Germany (1989), Greece (1989), Spain (1989), France (1988), Ireland (1991), Italy (1990), Luxembourg (1989), Netherlands (1990), Portugal (1989), United Kingdom (1990).

#### Comparison between Member States (main results)

There were about 8,2 million agricultural holdings in EUR-12 in 1989/90. The largest share was accounted for by Italy, which had some 2,7 million holdings (32,6 % of the total), followed by Spain (19,5 %) and France (12,4 %) (see table 1).



The Community's 114,7 million hectares of utilised agricultural area (AA) are very unevenly divided among the Member States: France, with about 28,6 million hectares, accounts for the largest share (24,9 %), then Spain with about 24,5 Mill. ha (21,4 %) is in second position, followed by the United Kingdom, with around 16,5 million hectares, or 14,4 % of the total.

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TABLE 1: FARM STRUCTURE SURVEY 1989/90

Data in 1000

## MAIN RESULTS

	EUR 12	BELGIUM (1)	DENMARK	GERMANY	GREECE	SPAIN
<b>Agricultural holdings</b>						
Total number of holdings	8168,1	85,0	81,3	665,1	923,5	1593,6
Distribution of holdings by Member-State (%)	100,0	1,0	1,0	8,1	11,3	19,5
<b>Agricultural area</b>						
Total AA	114690,8	1344,5	2779,1	11768,3	3671,0	24530,9
Distribution of the total AA by Member-state (%)	100,0	1,2	2,4	10,3	3,2	21,4
Average AA by holding	14,0	15,8	34,2	17,7	4,0	15,4
<b>Standard gross margin</b>						
Total SGM (in ESU)	91107,2	2400,4	3031,7	11872,6	3908,3	8887,7
Distribution of the total SGM by Member-state (%)	100,0	2,6	3,3	13,0	4,3	9,8
Average SGM by holding (in ESU)	11,2	28,2	37,3	17,9	4,2	5,6
Average SGM by annual working unit (in ESU)	11,3	23,7	31,9	15,1	5,1	7,8
Average SGM by 100 ha AA	79,4	178,5	109,1	100,9	106,5	36,2
<b>Type of tenure</b>						
AA owner farmed (C/01)	73687,9	444,2	2248,4	7229,8	2875,3	17729,3
AA owner farmed as a proportion of total AA (%)	64,2	33,0	80,9	61,4	78,3	72,3
AA tenant farmed (C/02)	38441,9	890,2	530,6	4488,7	764,3	4893,4
AA tenant farmed as a proportion of total AA (%)	33,5	66,2	19,1	38,1	20,8	19,9
AA share farmed or in other modes of tenure (C/03)	2555,6	10,3	0,0	49,7	31,1	1905,1
AA share farmed as a proportion of total AA (%)	2,2	0,8	0,0	0,4	0,8	7,8
<b>Farm labour force</b>						
Total labour force, in ANU (L/01 to L/06)	8036,1	101,3	95,1	786,8	772,1	1142,8
Distribution of the total labour force by Member-state (%)	100,0	1,3	1,2	9,8	9,6	14,2
Average number of ANU by holding	1,0	1,2	1,2	1,2	0,8	0,7
Average number of ANU by 100 hectares of AA	7,0	7,5	3,4	6,7	21,0	4,7
Labour force excl. non-family labour employed on a - pers non-regular basis (L/01 to L/04) - ANU	16872,4	146,8	139,1	1518,5	2021,6	2838,3
of which: number of persons full-time employed	3481,0	75,8	65,4	442,3	184,4	443,9
Total family labour force (L/01 to L/03) - pers	15993,8	139,2	119,5	1432,1	2017,2	2706,9
Total family labour force (L/01 to L/03) - ANU			71,3	700,2	734,9	852,5
managers (part of L/01 and L/01a) - pers	8168,6	91,9	81,3	665,0	923,5	1593,6
managers (part of L/01 and L/01a) - ANU			53,6	395,7	372,2	600,8
Age: < 35 years )	692,7	12,2	8,9	103,9	51,7	133,3
35 to 44 years )	1262,6	15,5	15,1	131,4	127,4	244,2
45 to 54 years ) in persons	1912,9	23,5	20,2	206,6	204,0	383,4
55 to 64 years )	2393,7	28,7	21,0	180,8	275,2	494,5
65 years and over )	1906,4	12,0	16,1	41,6	265,2	338,4
Non-family labour force regularly employed (L/04) - pers	878,8	5,2	19,7	86,0	4,5	131,3
Non-family labour force regularly employed (L/04) - ANU			19,4	73,3	3,9	101,1
<b>Land use</b>						
Number of holdings with:						
- arable land (D)	5461,8	65,2	79,7	543,7	607,8	988,0
- cereals (D/01 to D/08)	3825,7	41,6	74,8	490,0	386,8	632,6
- Common wheat and spelt (D/01)	1686,7	31,1	40,9	356,1	149,6	203,4
- Durum wheat (D/02)	618,8	0,0	0,0	3,9	140,0	37,9
- Rye (D/03)	350,7	2,4	15,0	124,0	14,1	58,4
- Barley (D/04)	1603,8	25,9	70,5	394,3	111,4	312,8
- Dried vegetables (D/09)	544,2	1,0	18,0	22,4	53,7	86,1
- Root crops (D/10 to D/12)	1861,1	39,3	34,5	274,3	96,7	334,5
- Potatoes (D/10)	1301,3	24,5	5,3	195,7	72,7	303,1
- Sugar beet (D/11)	295,7	17,9	9,0	62,3	25,3	35,2
- Industrial plants (D/13)	763,8	4,0	31,1	87,0	163,3	83,0
- Fresh vegetables, melons, strawberries (D14+D15)	1029,9	12,7	3,1	25,5	116,9	319,3
- permanent pasture and meadow (F)	3051,7	64,5	37,8	524,1	99,3	471,3
- permanent crops (G)	4383,0	4,3	1,6	85,2	647,3	929,2
- Olive plantations (G/03)	2129,3	0,0	0,0	0,0	497,5	455,7
- Vineyards (G/04)	2323,0	0,0	0,0	50,1	245,5	288,6
- woodland (H/02)	2088,0	2,5	17,7	327,4	22,8	268,3
Area under:						
- arable land (D)	60483,1	755,6	2550,4	7258,8	2053,1	12007,3
- cereals (D/01 to D/08)	33783,9	331,4	1562,9	4631,8	1259,2	7342,1
- Common wheat and spelt (D/01)	12413,1	211,1	444,3	1761,1	335,8	1926,8
- Durum wheat (D/02)	2909,0	0,0	0,0	12,8	469,3	287,2
- Rye (D/03)	878,8	2,9	100,0	392,5	18,8	149,5
- Barley (D/04)	11198,9	92,2	990,0	1742,6	194,0	4030,9
- Dried vegetables (D/09)	1311,1	3,5	124,5	72,3	22,8	150,9
- Root crops (D/10 to D/12)	4802,7	167,8	206,9	651,8	78,6	273,6
- Potatoes (D/10)	1050,0	48,7	33,0	200,0	33,0	109,1
- Sugar beet (D/11)	1809,0	107,2	66,7	383,5	45,4	152,5
- Industrial plants (D/13)	5090,7	19,6	236,4	474,2	348,3	959,7
- Fresh vegetables, melons, strawberries (D14+D15)	1286,6	31,6	17,6	56,1	72,8	256,1
- permanent pasture and meadow (F)	43942,9	572,9	218,5	4313,8	557,1	8448,3
- permanent crops (G)	10079,7	15,5	10,2	171,3	1046,6	4048,6
- Olive plantations (G/03)	3806,7	0,0	0,0	0,0	714,5	1744,8
- Vineyards (G/04)	3428,7	0,0	0,0	98,0	130,6	1057,8
- woodland (H/02)	14756,9	6,9	138,3	1513,7	44,2	4692,8
Arable land as a proportion of total AA (%)	52,7	56,2	91,8	61,7	55,9	48,9
Permanent pasture and meadow as a proportion of total AA (%)	38,3	42,6	7,9	36,7	15,2	34,4
Permanent crops as a proportion of total AA (%)	8,8	1,2	0,4	1,5	28,5	16,5
<b>Livestock</b>						
Number of holdings with:						
- livestock (J/01 to J/19)	4575,0	69,4	60,6	526,2	592,0	632,9
- equidae (J/01)	750,8	8,3	9,7	63,4	137,2	204,8
- bovine animals (J/02 to J/08)	2257,7	57,4	37,1	378,3	68,0	311,0
- two years old and over, dairy cows (J/07)	1332,0	31,3	23,2	302,8	50,1	206,8
- sheep (J/09)	958,7	8,0	6,0	38,9	175,0	129,0
- goats (J/10)	604,0	1,0	0,0	0,0	244,2	96,7
- pigs (J/11 to J/13)	1537,0	20,0	31,4	308,4	59,8	310,9
- poultry (J/14 to J/16)	3035,2	14,8	13,7	253,3	504,0	397,5
Number of:						
- equidae (J/01)	1856,8	21,1	37,6	255,0	180,6	361,5
- bovine animals (J/02 to J/08)	79921,9	3229,4	2226,9	14575,7	634,5	4777,1
- two years old and over, dairy cows (J/07)	23304,4	841,9	762,0	5012,4	230,3	1597,8
- sheep (J/09)	104530,5	189,3	143,4	1242,3	7759,0	17500,5
- goats (J/10)	10264,4	9,0	0,0	0,0	4470,5	2497,1
- pigs (J/11 to J/13)	96361,0	6657,8	9198,0	22331,4	820,5	11840,5
- poultry (J/14 to J/16) in millions	952,3	26,9	16,3	69,9	32,9	117,3
Average number of animals by holding with(head):						
- equidae (J/01)	2	3	4	4	1	2
- bovine animals (J/02 to J/08)	35	56	60	39	9	15
- two years old and over, dairy cows (J/07)	17	27	33	17	5	8
- sheep (J/09)	109	24	24	32	44	136
- goats (J/10)	17	9	9	9	18	26
- pigs (J/11 to J/13)	63	333	293	72	14	38
- poultry (J/14 to J/16)	314	1815	1190	276	65	295

TABLE 1: FARM STRUCTURE SURVEY 1989/90

## MAIN RESULTS

FRANCE	IRELAND (2)	ITALY	LUXEMBOURG	NETHERLANDS (3)	PORTUGAL	UNITED KINGDOM	
1013,9	170,6	2664,6	3,95	124,8	598,7	243,1	<b>Agricultural holdings</b>
12,4	2,1	32,6	0,05	1,5	7,3	3,0	Total number of holdings
							Distribution of holdings by Member-State (%)
28568,2	4441,8	14945,5	126,66	2011,3	4005,0	16498,7	<b>Agricultural area</b>
24,9	3,9	13,0	0,11	1,8	3,5	14,4	Total AA
28,2	26,0	5,6	32,07	16,1	6,7	67,9	Distribution of the total AA by Member-state (%)
							Average AA by holding
21500,2	1926,3	20133,3	90,54	6440,6	2307,0	8608,7	<b>Standard gross margin</b>
23,6	2,1	22,1	0,10	7,1	2,5	9,4	Total SGM (in ESU)
21,2	11,3	7,6	22,92	51,6	3,9	35,4	Distribution of the total SGM by Member-state (%)
15,5	7,7	10,3	14,42	28,5	2,7	18,2	Average SGM by holding (in ESU)
75,3	43,4	134,7	71,5	320,2	57,6	52,2	Average SGM by annual working unit (in ESU)
							Average SGM by 100 ha AA
12844,2	3891,0	12095,1	63,74	1346,2	2761,4	10159,3	<b>Type of tenure</b>
45,0	87,6	80,9	50,32	66,9	69,0	61,6	AA owner farmed (C/01)
15552,3	550,8	2751,4	61,92	632,6	986,8	6338,8	AA owner farmed as a proportion of total AA (%)
54,4	12,4	18,4	48,89	31,5	24,6	38,4	AA tenant farmed (C/02)
171,2	0,0	97,8	0,93	32,5	256,9	0,0	AA tenant farmed as a proportion of total AA (%)
0,6	0,0	0,7	0,73	1,6	6,4	0,0	AA share farmed or in other modes of tenure (C/03)
							AA share farmed as a proportion of total AA (%)
1383,0	249,7	1953,1	6,28	225,9	846,6	473,5	<b>Farm labour force</b>
17,2	3,1	24,3	0,08	2,8	10,5	5,9	Total labour force, in ANU (L/01 to L/06)
1,4	1,5	0,7	1,59	1,8	1,4	1,9	Distribution of the total labour force by Member-state (%)
4,8	5,6	13,1	4,96	11,2	21,1	2,9	Average number of ANU by holding
							Average number of ANU by 100 hectares of AA
2011,6	312,7	5366,4	9,33	288,3	1560,9	658,9	Labour force excl. non-family labour employed on a - pers
1304,9	245,3	1692,0	6,23	217,1	783,2	446,3	non-regular basis (L/01 to L/04) - ANU
806,0	181,3	525,8	3,90	146,1	272,3	333,8	of which: number of persons full-time employed
1839,8	299,8	5264,0	8,72	231,1	1474,5	461,0	Total family labour force (L/01 to L/03) - pers
1159,6	234,7	1617,0	5,66	170,6	720,6	288,7	Total family labour force (L/01 to L/03) - ANU
1012,9	170,6	2664,6	3,95	119,7	598,7	242,8	managers (part of L/01 and L/01a) - pers
712,8	144,3	900,6	3,18	34,7	340,7	173,5	managers (part of L/01 and L/01a) - ANU
132,3	24,4	145,1	0,53	12,9	42,0	25,4	Age: < 35 years )
195,0	34,7	355,1	0,81	13,4	81,3	48,7	35 to 44 years )
231,5	37,3	566,6	0,99	42,2	134,9	61,9	45 to 54 years ) in persons
319,5	37,5	770,1	1,06	33,1	171,8	60,6	55 to 64 years )
135,2	36,7	827,6	0,55	18,0	168,8	46,3	65 years and over )
172,6	12,9	104,5	0,58	57,2	86,4	197,9	Non-family labour force regularly employed (L/04) - pers
145,0	10,6	74,4	0,56	46,5	62,8	157,4	Non-family labour force regularly employed (L/04) - ANU
							<b>Land use</b>
753,5	61,0	1652,3	3,10	81,3	477,6	148,6	Number of holdings with:
611,2	23,2	1104,2	2,79	20,0	357,4	81,2	- arable land (D)
437,1	4,6	346,8	1,85	14,4	54,1	47,0	- cereals (D/01 to D/08)
24,4	0,0	408,8	0,00	0,0	3,8	0,0	- Common wheat and spelt (D/01)
31,7	0,0	7,5	0,25	3,1	93,7	0,6	- Durum wheat (D/02)
347,5	18,9	228,1	2,59	8,8	17,1	66,0	- Rye (D/03)
75,2	0,4	45,7	0,17	4,5	223,9	13,2	- Barley (D/04)
371,2	20,1	292,2	1,24	30,3	322,3	44,7	- Dried vegetables (D/09)
95,7	12,4	221,9	1,14	21,8	319,5	27,6	- Root crops (D/10 to D/12)
39,8	3,9	69,5	0,01	21,0	0,5	11,2	- Potatoes (D/10)
201,4	0,6	169,8	0,29	1,7	4,7	16,9	- Sugar beet (D/11)
85,2	1,1	357,7	0,04	18,8	71,6	18,0	- Industrial plants (D/13)
681,9	166,5	596,4	3,18	85,5	108,3	212,8	- Fresh vegetables, melons, strawberries (D14+D15)
323,2	0,1	1885,5	0,78	9,5	487,0	9,3	- permanent pasture and meadow (F)
11,6	0,0	984,8	0,00	0,0	179,6	0,0	- permanent crops (G)
272,5	0,0	1098,3	0,75	0,0	366,9	0,4	- Olive plantations (G/03)
432,1	13,0	659,6	2,13	5,2	279,4	57,8	- Vineyards (G/04)
							- woodland (H/02)
17136,8	600,7	8071,6	55,98	907,7	2345,3	6739,8	<b>Area under:</b>
9104,1	301,5	4468,6	34,32	182,1	862,3	3703,5	- arable land (D)
4385,8	85,7	785,4	8,45	132,9	285,9	2049,8	- cereals (D/01 to D/08)
292,2	0,0	1824,5	0,00	0,0	23,0	0,0	- Common wheat and spelt (D/01)
77,4	0,0	12,9	0,50	8,9	106,2	9,1	- Durum wheat (D/02)
1822,0	193,4	490,4	16,61	37,0	63,9	1525,9	- Rye (D/03)
565,6	2,8	58,5	0,53	18,1	74,6	217,0	- Barley (D/04)
2159,8	71,2	340,1	1,00	308,5	102,8	440,5	- Dried vegetables (D/09)
140,6	20,5	60,8	0,77	178,8	96,2	168,6	- Root crops (D/10 to D/12)
434,8	33,3	257,9	0,01	126,6	0,3	201,0	- Potatoes (D/10)
1968,7	6,2	574,3	1,30	10,6	61,6	429,9	- Sugar beet (D/11)
258,0	4,1	314,8	0,01	71,5	56,3	147,8	- Industrial plants (D/13)
10196,4	3840,2	4105,9	68,87	1072,0	838,0	9711,0	- Fresh vegetables, melons, strawberries (D14+D15)
1184,7	0,8	2732,1	1,42	31,6	789,4	47,4	- permanent pasture and meadow (F)
11,3	0,0	995,7	0,00	0,0	340,5	0,0	- permanent crops (G)
949,1	0,0	924,8	1,32	0,0	266,0	1,1	- Olive plantations (G/03)
2241,9	75,2	4681,3	10,49	19,1	978,3	354,9	- Vineyards (G/04)
							- woodland (H/02)
60,0	13,5	54,0	44,20	45,1	58,6	40,9	Arable land as a proportion of total AA (%)
35,7	86,5	27,5	54,37	53,3	20,9	58,9	Permanent pasture and meadow as a proportion of total AA (%)
4,1	0,0	18,3	1,12	1,6	19,7	0,3	Permanent crops as a proportion of total AA (%)
							<b>Livestock</b>
792,3	160,4	967,5	3,25	87,6	495,8	187,3	Number of holdings with:
78,0	13,6	70,7	0,47	18,0	110,3	36,3	- livestock (J/01 to J/19)
503,6	151,4	319,6	2,74	65,5	219,6	143,6	- equidae (J/01)
269,7	49,1	206,4	1,89	47,1	99,0	44,8	- bovine animals (J/02 to J/08)
166,2	54,8	158,8	0,31	24,7	101,3	95,7	- two years old and over, dairy cows (J/07)
61,3	6,0	87,3	0,10	2,5	94,0	10,9	- sheep (J/09)
172,0	2,9	345,9	0,77	29,3	238,7	16,9	- goats (J/10)
592,4	26,6	761,5	1,69	6,2	415,9	47,8	- pigs (J/11 to J/13)
							- poultry (J/14 to J/16)
315,2	63,1	224,2	1,68	67,6	150,9	178,4	Number of:
21189,3	6912,0	7758,8	215,30	4949,4	1401,2	12052,3	- equidae (J/01)
5698,1	1330,8	2641,7	60,66	1878,0	405,6	2845,2	- bovine animals (J/02 to J/08)
11524,9	8888,2	8721,7	7,49	1690,1	2926,3	43937,4	- two years old and over, dairy cows (J/07)
1152,4	17,4	1246,5	0,57	55,5	720,4	95,1	- sheep (J/09)
11905,2	1303,7	8392,2	76,85	13844,4	2439,1	7551,3	- goats (J/10)
241,1	12,1	172,1	0,09	95,3	30,8	137,7	- pigs (J/11 to J/13)
							- poultry (J/14 to J/16) in millions
4	5	3	4	4	1	5	Average number of animals by holding with(head):
42	46	24	79	76	6	84	- equidae (J/01)
21	27	13	32	40	4	64	- bovine animals (J/02 to J/08)
69	162	55	24	68	29	459	- two years old and over, dairy cows (J/07)
19	3	14	6	23	8	9	- sheep (J/09)
69	454	24	100	473	10	447	- goats (J/10)
407	453	226	53	15317	74	2882	- pigs (J/11 to J/13)
							- poultry (J/14 to J/16)

Graph 1 shows the considerable differences between Member States in terms of the average agricultural area (AA) per holding. The Member State with the highest AA per holding is the United Kingdom (67,9 ha), followed by Denmark (34,2 ha) and Luxembourg (32,1 ha). The lowest averages are found in Greece (4,0 ha), Italy (5,6 ha) and Portugal (6,7 ha).

The average standard gross margin (SGM) per 100 hectares of AA and the average SGM per annual work unit lend themselves as yardsticks for measuring the productivity of the agricultural production factors, land and labour respectively. The standard gross margin of an agricultural characteristic means the value of gross production from which corresponding specific costs are deducted. For this calculation standardised yields, prices and costs are used. The annual work unit refers to the labour output of a person employed full time for agricultural work on the holding.

Graph 2 shows the considerable differences between Member States in terms of land and labour productivity in agriculture. Of all the Member States, the Netherlands has the highest average SGM per 100 hectares of AA. This is not surprising, given the very dominant position of specialised pig farms and poultry-fattening farms, which have small AAs and the large number of specialised horticultural holdings. Some way behind the Netherlands come Belgium and Italy, while Ireland and Spain have the lowest average SGMs per 100 hectares.

Average SGMs per AWU are highest in the northern Member States. Top position is occupied by Denmark, followed by the Netherlands, Belgium and the United Kingdom. The Mediterranean countries, where small holdings predominate and where labour-intensive permanent crops are more common, occupy the bottom positions.

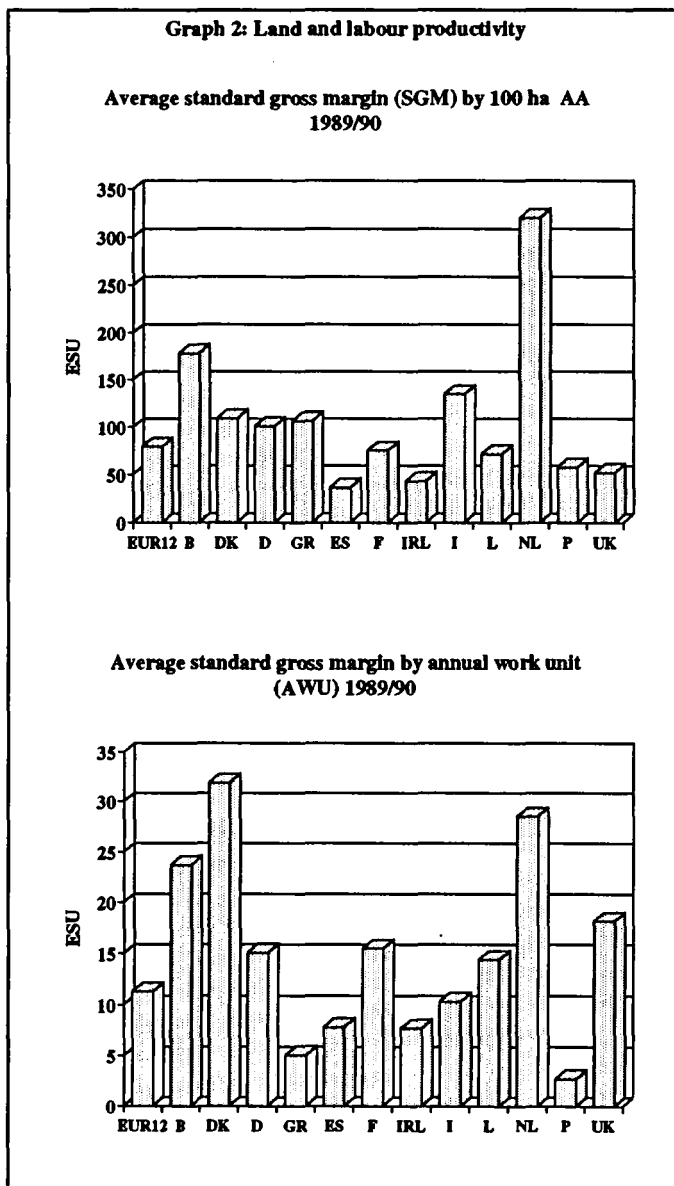
There is a striking variation between Member States in the proportion of AA owner farmed. In Ireland, the figure is highest with 87,6 %. Next come Denmark (80,9 %) and Italy (80,9 %). In Belgium and France, the proportions are a mere 33,0 % and 45,0 % respectively.

In Denmark, Germany, France and Portugal, the AA is used mainly for arable farming. The proportion of AA accounted for by arable crops is highest in Denmark (91,8 %) and around 60 % in Germany, France and Portugal. In Ireland, by contrast, arable farming is relatively unimportant, 86,5 % of AA being used as permanent pasture and meadow. This is explained by the fact that, in Ireland, considerable importance is attached to types of stockfarming which require large areas of land (sheep and cattle).

The proportion of AA accounted for by permanent crops in EUR-12 varies considerably from North to South. It is highest in the southern Member States, Greece (28,5 %),

Portugal (19,7 %), Italy (18,3 %) and Spain (16,5 %). In Ireland, the United Kingdom and Denmark, permanent crops are of hardly any significance.

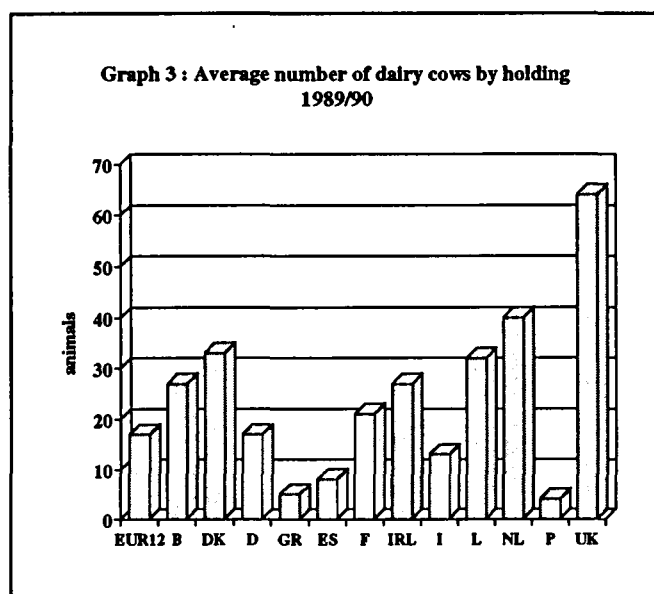
In 1989/90, there were 79,9 million head of cattle, 23,3 million dairy cows, 104,5 million sheep, 96,4 million pigs and 952,3 million head of poultry in the Community. The regional distribution of animal production varies widely, however:



- Cattle production is concentrated in France (26,5 % of the total Community herd), Germany (18,2 %) and the United Kingdom (15,1 %)
- France and Germany together account for nearly half of the Community's dairy cattle. Although the United Kingdom accounts for only 12,2 % of the total, it has the largest average dairy herd per holding (64 head).

- Sheep farming is concentrated mainly in the United Kingdom, which has 42,0 % of the Community head count. Sheep farming is also important in Spain (16,7 %), France (11,0 %), Ireland (8,5 %), Italy (8,3 %) and Greece (7,4 %).
- Nearly a quarter of the total number of pigs in the Community are found in Germany, with the Netherlands and France each accounting for about an eighth. The Netherlands has the the largest holdings on average (473 pigs per holding).
- The picture is similar for poultry. The largest holdings on average are again in the Netherlands (15 317 head per holding), although in total, France, Italy and the United Kingdom are the biggest poultry producers.

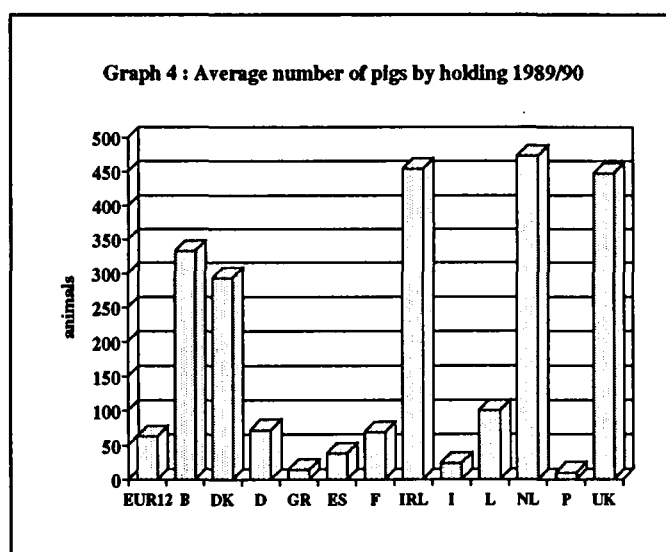
Graphs 3 and 4 show the concentration of dairying and pig farming which is biggest in the United Kingdom, the Netherlands, Belgium and Denmark.



Figures for the average labour input of the agricultural workforce, expressed in AWU per 100 hectares of AA, are highly revealing. Within EUR-12, average labour input per 100 hectares of AA increases from North to South. It is lowest in the UK (2,9 AWU per 100 ha AA), followed by Denmark (3,4 AWU per 100 ha AA) and Spain (4,7 AWU per 100 ha AA). At the other end of the spectrum, a labour input of 21,1 AWU per 100 ha AA was recorded for Portugal. The figures are also very high in Greece (21,0 AWU per 100 ha AA) and Italy (13,1 AWU per 100 ha AA). One of the reasons for the differences between Member States is the size structure of holdings. Larger holdings make for more efficient and cost-effective use of machinery. Another reason may be the importance of labour-intensive permanent crops in the Mediterranean countries.

### Changes in the size structure of agricultural holdings

An important element of the structural trends in the agricultural sector is the change in the number of holdings. In 1989/90, there were about 8,2 million holdings in the Community (see table 2). Compared with the 9,4 million holdings counted in 1979/80, this represents a decrease of 13,2 %. Over the same period, the number of holdings in Denmark fell by no less than 33,7 %, in Belgium by 26,2 %, in Ireland by 23,7 % and in Luxembourg by 23,6 %. The decreases were much smaller in Italy (-5,9 %) and Greece (-7,5 %). It can be seen from these figures that the process of concentration, which has been observed since the first Community-wide census of 1966/67 and which is characterised by larger average sizes of agricultural holdings and increased product specialisation, is continuing unabated.



AA in EUR-12 declined by just 1,4 % between 1979/80 and 1989/90, from around 116,4 million hectares to approximately 114,7 million hectares. The decline in the AA over the period was less pronounced than the decrease in the number of agricultural holdings, as most of the land belonging to holdings which ceased activity was acquired by other holdings. This caused the average size of holdings in EUR-12 to increase from 12,4 hectares to 14,0 hectares.

This wide variation of size structure is brought into perspective if one examines the distribution of holdings among the size classes (see table 3). In Portugal, Italy and Greece, some 80 % of all holdings were in size classes of less than 5 hectares, compared with just 13,8 % in the UK. It therefore comes as no surprise that the proportion of holdings in size classes of more than 50 hectares is almost negligible in Greece (0,4 %), Italy (1,4 %) and Portugal (1,5 %), whereas the figure for the United Kingdom is about one third.

**Table 2: Farm Structure Survey**

1979/80 to 1989/90

Main results by number of holdings and agricultural area (AA)

Data in 1000

Year	EUR 12 (1)	EUR 10	B	DK	D	GR (2)	ES (3)	F	IRL (4)	I (5)	L	NL	P (6)	UK
<b>Number of holdings</b>														
1979/80	9405,5	6820,3	115,1	122,7	849,9	998,9	1818,2	1255,3	223,5	2832,4	5,17	148,7	767,0	268,6
1983	:	6515,7	102,6	98,7	767,6	958,7	1818,2	1129,6	221,1	2832,4	4,56	138,5	:	261,9
1985	:	6359,1	97,8	92,4	740,5	951,6	:	1056,9	220,2	2801,1	4,41	135,9	:	258,5
1987	8644,2	6217,2	92,6	86,9	705,1	953,3	1791,6	981,8	217,0	2784,1	4,19	132,0	635,5	260,1
1989/90	8168,1	5975,9	85,0	81,3	665,1	923,5	1593,6	1013,9	170,6	2664,6	3,95	124,8	598,7	243,1
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-4,5	-10,9	-19,6	-9,7	-4,0	0,0	-10,0	-1,1	0,0	-11,8	-6,9	:	-2,5
83-85	:	-2,4	-4,7	-6,4	-3,5	-0,7	:	-6,4	-0,4	-1,1	-3,3	-1,9	:	-1,3
85-87	:	-2,2	-5,3	-6,0	-4,8	0,2	:	-7,1	-1,5	-0,6	-5,0	-2,9	:	0,6
87-89/90	-5,5	-3,9	-8,2	-6,4	-5,7	-3,1	-11,1	3,3	-21,4	-4,3	-5,7	-5,5	-5,8	-6,5
79/80-89/90	-13,2	-12,4	-26,2	-33,7	-21,7	-7,5	-12,4	-19,2	-23,7	-5,9	-23,6	-16,1	-21,9	-9,5
<b>Agricultural area (AA)</b>														
1979/80	116327,7	89553,0	1421,0	2920,3	12212,3	3549,8	23506,0	29277,7	5048,5	15857,8	130,06	2037,1	3268,7	17098,4
1983	:	88744,8	1392,8	2846,5	11922,6	3907,7	23506,0	28759,6	5036,6	15857,8	127,42	2010,2	:	16883,6
1985	:	88281,3	1381,2	2834,6	11884,0	4116,3	:	28486,8	4995,6	15600,7	126,09	2026,2	:	16829,8
1987	115400,8	87273,2	1370,3	2798,3	11842,9	3842,4	24796,5	28058,0	4915,4	15544,6	126,56	2023,7	3331,0	16751,1
1989/90	114690,8	86155,1	1344,5	2779,1	11768,3	3671,0	24530,9	28568,2	4441,8	14945,5	126,66	2011,3	4005,0	16498,7
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-0,9	-2,0	-2,5	-2,4	10,1	0,0	-1,8	-0,2	0,0	-2,0	-1,3	:	-1,3
83-85	:	-0,5	-0,8	-0,4	-0,3	5,3	:	-0,9	-0,8	-1,6	-1,0	0,8	:	-0,3
85-87	:	-1,1	-0,8	-1,3	-0,3	-6,7	:	-1,5	-1,6	-0,4	0,4	-0,1	:	-0,5
87-89/90	-0,6	-1,3	-1,9	-0,7	-0,6	-4,5	-1,1	1,8	-9,6	-3,9	0,1	-0,6	20,2	-1,5
79/80-89/90	-1,4	-3,8	-5,4	-4,8	-3,6	3,4	4,4	-2,4	-12,0	-5,8	-2,6	-1,3	22,5	-3,5
<b>Average agricultural area (AA) by holding</b>														
1979/80	12,4	13,1	12,3	23,8	14,4	3,6	12,9	23,3	22,6	5,6	25,2	13,7	4,3	63,7
1983	:	13,6	13,6	28,8	15,5	4,1	12,9	25,5	22,8	5,6	27,9	14,5	:	64,5
1985	:	13,9	14,1	30,7	16,0	4,3	:	27,0	22,7	5,6	28,6	14,9	:	65,1
1987	13,4	14,0	14,8	32,2	16,8	4,0	13,8	28,6	22,7	5,6	30,2	15,3	5,2	64,4
1989/90	14,0	14,4	15,8	34,2	17,7	4,0	15,4	28,2	26,0	5,6	32,1	16,1	6,7	67,9

1) Concerning 1979/80: see footnotes 2, 3, 5, and 6 and concerning 1989/90: see footnote 4. - 2) Concerning 1979/80: see national survey in 1881. -

3) Concerning 1979/80 and 1983: national survey in 1982. - 4) Community survey in 1991; national results. - 5) Concerning 1979/80 and 1983: Community survey in 1982. -

6) Concerning 1979/80: national survey in 1979.

Table 3 shows some interesting trends in the size structure of holdings in the period 1987 to 1989/90. The number of holdings in EUR-12 did not decline at the same rate for all size classes. In fact, the accelerating decline in the number of holdings in size classes under 50 hectares (with the exception of holdings in the size class of less than 1 hectare) went hand in hand with an increase in the number of holdings of more than 50 hectares. The growth threshold at which the number of holdings increasing their AA exceeds the number which are reducing their AA varies from one Member State to the next. Whereas in Portugal the number of holdings of 20 hectares or more is still growing, in Ireland, Italy and Spain increases are being recorded only in the 100-hectares-plus class.

### Unfavourable age structure of the agricultural workforce

The structural change in agriculture is reflected not only in the number of holdings but also in the number of persons employed (see table 4). In the period 1979/80 to 1989/90, the agricultural labour force (excluding non-family labour force employed on a non-regular basis) in EUR-12 fell less steeply than the number of holdings. Over this period, the labour force declined by about 10,2 %, from 18,9 million to 16,9 million. In other words: Within only ten years, in EUR-12, 2 million persons left their agricultural activity. There was a 18,9 % decline in the labour input as measured in AWUs, from 9,9 million to 8,0 million. As a result, the labour input in AWUs per holding fell sharply over the period (from 1,1 to 1,0 in EUR-12). In terms of AA, labour input declined from 8,5 to 7,0 AWU per 100 ha AA.

Table 3: Agricultural holdings and agricultural areas broken down by AA  
1987 and 1989/90

Data in 1000

Size classes of the holdings (ha AA)	Year	EUR 12	B	DK	D	GR	ES	F	IRL	I	L	NL	P	UK
<b>Number of holdings</b>														
Less than 1 ha	1987	1715.0	13.9	1.0	34.4	249.8	251.9	70.0	0.1	810.0	0.35	14.8	251.4	17.3
	1989/90	1729.8	11.9	0.9	33.6	240.5	221.0	88.6	1.5	928.9	0.34	12.6	183.3	6.8
From 1 to less than 2 ha	1987	1486.0	7.9	0.3	77.8	191.8	344.7	59.2	10.2	633.5	0.24	11.0	139.2	10.2
	1989/90	1421.9	7.1	0.3	73.3	190.4	330.5	69.3	2.9	563.2	0.22	9.6	167.5	7.6
From 2 to less than 5 ha	1987	1925.3	13.9	1.2	119.0	296.2	476.4	106.8	24.6	706.6	0.49	18.2	139.3	22.6
	1989/90	1751.2	13.1	1.0	109.8	287.7	419.9	118.6	14.7	607.0	0.47	18.2	141.7	19.1
From 5 to less than 10 ha	1987	1162.4	14.3	14.0	118.4	140.7	292.0	107.2	32.9	333.0	0.38	21.6	57.8	30.1
	1989/90	1038.7	12.7	12.1	108.4	130.1	244.7	113.9	24.1	284.3	0.35	21.5	56.1	30.5
From 10 to less than 20 ha	1987	936.3	19.3	21.8	148.5	53.5	189.5	174.7	63.3	171.3	0.48	29.3	27.5	37.1
	1989/90	848.3	16.8	20.1	134.6	53.8	165.7	163.3	48.3	155.2	0.42	25.4	27.4	37.4
From 20 to less than 30 ha	1987	477.2	10.6	15.8	89.0	11.3	74.0	134.5	36.7	53.0	0.37	18.1	7.8	26.0
	1989/90	439.7	10.2	14.2	83.1	11.0	64.4	125.7	31.0	49.8	0.31	17.0	7.9	25.2
From 30 to less than 50 ha	1987	469.0	8.3	18.1	77.2	6.2	70.6	164.6	29.6	38.6	0.88	13.9	5.2	35.8
	1989/90	455.1	8.5	17.1	76.7	7.0	60.5	162.6	28.4	37.8	0.75	14.6	5.7	35.5
From 50 to less than 100 ha	1987	325.7	3.9	11.7	35.1	2.9	55.6	124.4	16.0	24.7	0.93	4.6	3.5	42.4
	1989/90	327.9	4.1	12.2	38.9	2.5	48.8	128.5	15.7	24.7	0.99	5.3	3.9	42.5
100 ha and over	1987	147.5	0.7	3.1	5.6	0.9	37.1	40.3	3.5	13.2	0.08	0.5	3.9	38.6
	1989/90	155.5	0.8	3.4	6.7	0.7	38.2	43.6	3.9	13.7	0.10	0.7	5.4	38.5
Total	1987	8644.2	92.6	86.9	705.1	953.3	1791.6	981.8	217.0	2784.1	4.19	132.0	635.5	260.1
	1989/90	8168.1	85.0	81.3	665.1	923.5	1593.6	1013.9	170.6	2664.6	3.95	124.8	598.7	243.1
<b>Increase (+) or decrease (-) between 1987 and 1989/90 (%)</b>														
Less than 1 ha	87 - 89/90	0.9	-14.7	-11.0	-2.3	-3.7	-12.3	26.5	1400.0	14.7	-2.9	-14.9	-27.1	-60.5
From 1 to less than 2 ha	87 - 89/90	-4.3	-10.5	6.7	-5.7	-0.7	-4.1	17.0	-71.6	-11.1	-8.3	-13.0	20.3	-25.5
From 2 to less than 5 ha	87 - 89/90	-9.0	-5.5	-15.0	-7.7	-2.9	-11.9	11.1	-40.2	-14.1	-4.1	-0.2	1.7	-15.5
From 5 to less than 10 ha	87 - 89/90	-10.6	-11.3	-13.4	-8.4	-7.5	-16.2	6.3	-26.7	-14.6	-7.9	-0.4	-2.9	1.4
From 10 to less than 20 ha	87 - 89/90	-9.4	-13.2	-7.9	-9.3	0.6	-12.5	-6.5	-23.7	-9.4	-12.5	-13.4	-0.3	0.7
From 20 to less than 30 ha	87 - 89/90	-7.9	-4.2	-10.3	-6.7	-3.0	-13.0	-6.6	-15.5	-6.0	-16.2	-6.2	1.3	-3.1
From 30 to less than 50 ha	87 - 89/90	-3.0	2.3	-5.6	-0.6	13.2	-14.3	-1.2	-4.1	-2.0	-14.8	5.0	9.6	-0.9
From 50 to less than 100 ha	87 - 89/90	0.7	5.1	3.8	10.8	-15.5	-12.2	3.3	-1.9	0.0	6.5	15.4	10.0	0.3
100 ha and over	87 - 89/90	5.4	11.4	10.3	18.9	-27.8	2.9	8.1	11.4	3.5	25.0	38.0	38.2	-0.3
Total	87 - 89/90	-5.5	-8.2	-6.5	-5.7	-3.1	-11.1	3.3	-21.4	-4.3	-5.7	-5.5	-5.8	-6.5
<b>Distribution of holdings by size classes of AA (%)</b>														
Less than 1 ha	1989/90	21.2	13.9	1.1	5.1	26.0	13.9	8.7	0.9	34.9	8.6	10.1	30.6	2.8
From 1 to less than 2 ha	1989/90	17.4	8.3	0.4	11.0	20.6	20.7	6.8	1.7	21.1	5.6	7.7	28.0	3.1
From 2 to less than 5 ha	1989/90	21.4	15.5	1.3	16.5	31.1	26.4	11.7	8.6	22.8	11.9	14.6	23.7	7.9
From 5 to less than 10 ha	1989/90	12.7	14.9	14.9	16.3	14.1	15.4	11.2	14.1	10.7	8.9	17.2	9.4	12.6
From 10 to less than 20 ha	1989/90	10.4	19.7	24.7	20.2	5.8	10.4	16.1	28.3	5.8	10.6	20.3	4.6	15.4
From 20 to less than 30 ha	1989/90	5.4	11.9	17.5	12.5	1.2	4.0	12.4	18.2	1.9	7.8	13.6	1.3	10.4
From 30 to less than 50 ha	1989/90	5.6	10.0	21.0	11.5	0.8	3.8	16.0	16.6	1.4	19.0	11.7	1.0	14.6
From 50 to less than 100 ha	1989/90	4.0	4.8	15.0	5.8	0.3	3.1	12.7	9.2	0.9	25.1	4.3	0.6	17.5
100 ha and over	1989/90	1.9	0.9	4.2	1.0	0.1	2.4	4.3	2.3	0.5	2.5	0.6	0.9	15.8
Total	1989/90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Distribution of holdings by member state (%)</b>														
Less than 1 ha	1989/90	100.0	0.7	0.1	1.9	13.9	12.8	5.1	0.1	53.7	0.0	0.7	10.6	0.4
From 1 to less than 2 ha	1989/90	100.0	0.5	0.0	5.2	13.4	23.2	4.9	0.2	39.6	0.0	0.7	11.8	0.5
From 2 to less than 5 ha	1989/90	100.0	0.8	0.1	6.3	16.4	24.0	6.8	0.8	34.7	0.0	1.0	8.1	1.1
From 5 to less than 10 ha	1989/90	100.0	1.2	1.2	10.4	12.5	23.6	11.0	2.3	27.4	0.0	2.1	5.4	2.9
From 10 to less than 20 ha	1989/90	100.0	2.0	2.4	15.9	6.3	19.5	19.2	5.7	18.3	0.0	3.0	3.2	4.4
From 20 to less than 30 ha	1989/90	100.0	2.3	3.2	18.9	2.5	14.6	28.6	7.1	11.3	0.1	3.9	1.8	5.7
From 30 to less than 50 ha	1989/90	100.0	1.9	3.8	16.9	1.5	13.3	35.7	6.2	8.3	0.2	3.2	1.3	7.8
From 50 to less than 100 ha	1989/90	100.0	1.3	3.7	11.9	0.7	14.9	39.2	4.8	7.5	0.3	1.6	1.2	13.0
100 ha and over	1989/90	100.0	0.5	2.2	4.3	0.4	24.6	28.0	2.5	8.8	0.1	0.4	3.5	24.7
Total	1989/90	100.0	1.0	1.0	8.1	11.3	19.5	12.4	2.1	32.6	0.0	1.5	7.3	3.0

**Table 4: Farm Structure Survey  
1979/80 to 1989/90**

Main results by labour force

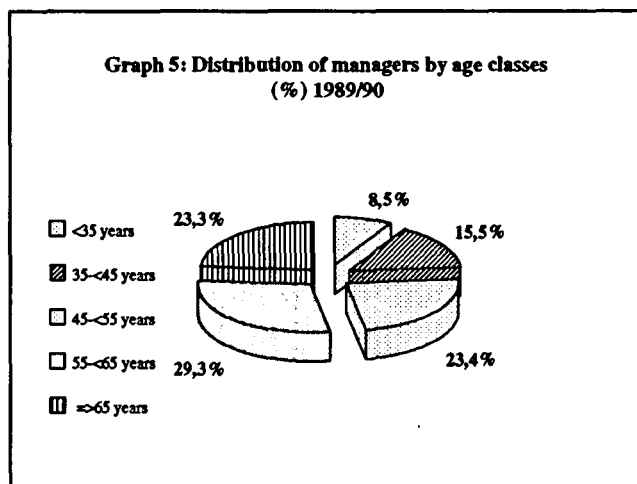
Data in 1000

Year	EUR 12 (1)	EUR 10	B (2)	DK	D	GR (3)	ES (4)	F	IRL (5)	I (6)	L	NL (7)	P (8)	UK
<b>Total labour force, in AWU (L/01 - L/06)</b>														
1979/80	9908.8	7323.9	123.9	171.6	1050.9	828.1	1432.5	1847.5	310.3	2157.5	9.05	242.2	1152.4	582.8
1983	:	7018.2	111.8	140.3	945.9	917.5	1432.5	1658.2	276.1	2157.6	7.75	243.4	:	559.6
1985	:	6833.3	106.9	122.4	917.9	931.2	:	1568.8	275.8	2125.7	7.23	234.4	:	543.0
1987	9135.8	6525.8	101.3	111.8	850.7	848.9	1626.7	1459.3	254.5	2134.3	6.69	233.9	983.3	524.4
1989/90	8036.1	6046.8	101.3	95.1	786.8	772.1	1142.8	1383.0	249.7	1953.1	6.28	225.9	846.6	473.5
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-4.2	-9.8	-18.2	-10.0	10.8	0.0	-10.2	-11.0	0.0	-14.4	0.5	:	-4.0
83-85	:	-2.6	-4.4	-12.8	-3.0	1.5	:	-5.4	-0.1	-1.5	-6.7	-3.7	:	-3.0
85-87	:	-4.5	-5.2	-8.7	-7.3	-8.8	:	-7.0	-7.7	0.4	-7.5	-0.2	:	-3.4
87-89/90	-12.0	-7.3	0.0	-14.9	-7.5	-9.0	-29.7	-5.2	-1.9	-8.5	-6.1	-3.4	-13.9	-9.7
79/80-89/90	-18.9	-17.4	-18.2	-44.6	-25.1	-6.8	-20.2	-25.1	-19.5	-9.5	-30.6	-6.7	-26.5	-18.8
<b>Labour force excluding non-family labour force employed on a nonregular basis (L/01 - L/04)</b>														
1979/80	18784.0	13711.7	186.1	234.0	1983.3	1841.2	3179.8	2659.1	468.8	5300.8	12.27	302.4	1892.5	723.7
1983	:	13356.9	164.6	185.7	1783.6	2079.3	3179.8	2405.8	418.9	5300.8	10.47	304.7	:	703.0
1985	:	12952.4	157.6	157.8	1739.8	2070.4	:	2245.7	428.1	5134.4	10.15	295.2	:	713.2
1987	17709.3	12606.9	146.8	147.9	1623.9	2081.9	3436.1	2034.0	399.6	5154.6	9.76	293.2	1666.3	715.2
1989/90	16870.0	12473.2	146.8	139.1	1518.5	2021.6	2838.3	2011.6	312.7	5366.4	9.33	288.3	1560.9	658.9
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	:	-11.6	-20.6	-10.1	12.9	0.0	-9.5	-10.6	0.0	-14.7	0.8	:	-2.9
83-85	:	-3.0	-4.3	-15.0	-2.5	-0.4	:	-6.7	2.2	-3.1	-3.1	-3.1	:	1.5
85-87	:	-2.7	-6.9	-6.3	-6.7	0.6	:	-9.4	-6.7	0.4	-3.8	-0.7	:	0.3
87-89/90	-4.7	-1.1	0.0	-5.9	-6.5	-2.9	-17.4	-1.1	-21.7	4.1	-4.4	-1.7	-6.3	-7.9
79/80-89/90	-10.2	-9.0	-21.1	-40.6	-23.4	9.8	-10.7	-24.4	-33.3	1.2	-24.0	-4.7	-17.5	-9.0
<b>Labour force, full-time employed (L/01 - L/04)</b>														
1979/80	4437.4	3502.3	89.9	124.0	589.2	253.4	433.0	1070.7	181.0	609.9	6.93	162.7	502.1	414.6
1983	:	3155.3	82.5	100.8	527.2	146.1	433.0	967.4	156.2	609.9	6.18	166.6	:	392.4
1985	:	3148.7	78.1	69.7	523.0	159.1	:	931.9	156.9	663.4	5.05	161.6	:	399.9
1987	4252.2	2972.1	75.8	64.7	482.9	134.2	828.7	908.0	145.4	627.3	4.18	152.5	451.4	377.1
1989/90	3481.0	2764.8	75.8	65.4	442.3	184.4	443.9	806.0	181.3	525.8	3.90	146.1	272.3	333.8
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-9.9	-8.2	-18.7	-10.5	-42.3	0.0	-9.6	-13.7	0.0	-10.8	2.4	:	-5.4
83-85	:	-0.2	-5.3	-30.9	-0.8	8.9	:	-3.7	0.4	8.8	-18.3	-3.0	:	1.9
85-87	:	-5.6	-2.9	-7.2	-7.7	-15.7	:	-2.6	-7.3	-5.4	-17.2	-5.6	:	-5.7
87-89/90	-18.1	-7.0	0.0	1.1	-8.4	37.4	-46.4	-11.2	24.7	-16.2	-6.7	-4.2	-39.7	-11.5
79/80-89/90	-21.6	-21.1	-15.7	-47.3	-24.9	-27.2	2.5	-24.7	0.2	-13.8	-43.7	-10.2	-45.8	-19.5
<b>Labour force, full-time employed as a proportion of total labour force (L/01 - L/04)</b>														
1979/80	23.6	25.5	48.3	53.0	29.7	13.8	13.6	40.3	38.6	11.5	56.5	53.8	26.5	57.3
1983	:	23.6	50.1	54.3	29.6	7.0	13.6	40.2	37.3	11.5	59.0	54.7	:	55.8
1985	:	24.3	49.6	44.2	30.1	7.7	:	41.5	36.7	12.9	49.8	54.7	:	56.1
1987	24.0	23.6	51.6	43.7	29.7	6.4	24.1	44.6	36.4	12.2	42.8	52.0	27.1	52.7
1989/90	20.6	22.2	51.6	47.0	29.1	9.1	15.6	40.1	58.0	9.8	41.8	50.7	17.4	50.7
<b>Average total labour force, in AWU (L/01 - L/06) per holding</b>														
1979/80	1.1	1.1	1.1	1.4	1.2	0.8	0.8	1.5	1.4	0.8	1.8	1.6	1.5	2.2
1983	:	1.1	1.1	1.4	1.2	1.0	0.8	1.5	1.2	0.8	1.7	1.8	:	2.1
1985	:	1.1	1.1	1.3	1.2	1.0	:	1.5	1.3	0.8	1.6	1.7	:	2.1
1987	1.1	1.0	1.1	1.3	1.2	0.9	0.9	1.5	1.2	0.8	1.6	1.8	1.5	2.0
1989/90	1.0	1.0	1.2	1.2	1.2	0.8	0.7	1.4	1.5	0.7	1.6	1.8	1.4	1.9
<b>Average total labour force, in AWU (L/01 - L/06) per 100 ha AA</b>														
1979/80	8.5	8.2	8.7	5.9	8.6	23.3	6.1	6.3	6.1	13.6	7.0	11.9	35.3	3.4
1983	:	7.9	8.0	4.9	7.9	23.5	6.1	5.8	5.5	13.6	6.1	12.1	:	3.3
1985	:	7.7	7.7	4.3	7.7	22.6	:	5.5	5.5	13.6	5.7	11.6	:	3.2
1987	7.9	7.5	7.4	4.0	7.2	22.1	6.6	5.2	5.2	13.7	5.3	11.6	29.5	3.1
1989/90	7.0	7.0	7.5	3.4	6.7	21.0	4.7	4.8	5.6	13.1	5.0	11.2	21.1	2.9

- 1) Concerning 1979/80: see footnotes 3, 4, 6 and 8 and concerning 1989/90: see footnotes 2, 5 and 7. - 2) Concerning 1989/90: Community survey in 1987. -  
3) Concerning 1979/80: national survey in 1981. - 4) Concerning 1979/80 and 1983: national survey in 1982. - 5) Community survey in 1991; national results. -  
6) Concerning 1979/80 and 1983: Community survey in 1982. - 7) Concerning 1989/90: national survey in 1991. - 8) Concerning 1979/80: national survey in 1979.



Decisions as to a holding's future depend to a large extent on the age of the farm manager. Graph 5 shows that in 1989/90, only 8,5 % of the 8,2 million farm managers in EUR-12 were younger than 35, 38,9 % of farm managers were between 35 and 54 years old, 29,3 % were in the 55 to 64 age group, and nearly a quarter were 65 or older. Whereas in 1979/80, 47,8 % of farm managers in EUR-12 were older than 54 years, this figure had risen to 52,4 % by 1989/90. The average age of farm managers has therefore increased significantly in the last ten years. This means that a decision as to the continuation or cessation of activities can be expected in a significant number of holdings in the near future.



## Development in land use and livestock farming

### Land use

The results in table 5 show that there were major changes in land use during the period 1979/80 to 1989/90. The salient feature was that the number of holdings with arable land declined by 22,7 %, i.e. faster than the total number of agricultural holdings, which declined by 13,2 %. Compared with the AA, the area under arable crops also declined at an above-average rate of 4,1 %. Accordingly, the proportion of AA accounted for by arable land fell from 54,2 to 52,7 %. The number of the holdings with permanent grassland declined by 17,2 %, while the number of holdings with permanent crops fell by only 11,5 %.

A somewhat surprising feature is the increase (1,4 %) in the area of permanent grassland in EUR-12, caused by the phenomenal increases in Portugal (523,5 %) and Spain (52,7 %). In both cases, these increases are down to the fact that the 1989/90 survey was the first to cover low-yield permanent pasture (rough grazings).

### Livestock farming

Some 4,6 million holdings in EUR-12, a decrease from the 64,7 % of the total holdings recorded in 1979/80 to 56,0 % in 1989/90 had productive livestock in 1989/90. In other words, 44,0 % of all holdings had no livestock.

There were widely differing trends in individual species throughout EUR-12 in the period 1979/80 to 1989/90 (see Table 6). The most noteworthy changes were as follows:

- Sharp falls in the numbers of holdings with dairy cows (-40,5 %), pigs (-38,3 %), poultry (-31,7 %) and bovine animals (-30,3 %), although the actual number of animals in each case declined far less steeply. This suggests that mainly holdings with small herds or flocks gave up their livestock farming activities. This trend led to an increase in the average number of animals per holding. For example, the average dairy herd per holding in EUR-12 rose from 12 to 17 head between 1979/80 and 1989/90. The average pig herd increased even more dramatically, from 35 to 63 head per holding.
- The relatively small decline (-11,1 %) in the number of holdings with sheep, combined with a 28,6 % increase in the total head count. This produced an increase in the average size of flocks, from 75 to 109 head per holding.

**Table 5: Farm Structure Survey**  
**1979/80 to 1989/90**  
 main results by land use

Data in 1000

Year	EUR 12 (1)	EUR 10	B	DK	D	GR (2)	ES (3)	F	IRL (4)	I (5)	L	NL	P (6)	UK
<b>Number of holdings with:</b>														
<b>Arable land (A)</b>														
1979/80	7066.7	5014.8	89.3	117.7	731.1	774.6	1316.4	992.1	144.9	1893.1	4.24	90.3	735.5	177.5
1983	:	4659.4	78.5	96.5	651.8	669.7	1316.4	891.8	121.4	1893.1	3.74	85.2	:	167.7
1985	:	4449.1	75.0	90.2	620.9	642.1	:	837.5	117.0	1812.8	3.51	86.0	:	164.1
1987	5989.0	4261.6	71.4	84.7	585.3	641.9	1187.6	773.9	103.7	1753.1	3.31	86.0	539.8	158.3
1989/90	5461.8	3996.2	65.2	79.7	543.7	607.8	988.0	753.5	61.0	1652.3	3.10	81.3	477.6	148.6
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-7.1	-12.1	-18.0	-10.8	-13.5	0.0	-10.1	-16.2	0.0	-11.8	-5.6	:	-5.5
83-85	:	-4.5	-4.5	-6.5	-4.7	-4.1	:	-6.1	-3.6	-4.2	-6.1	0.9	:	-2.1
85-87	:	-4.2	-4.8	-6.1	-5.7	0.0	:	-7.6	-11.4	-3.3	-5.7	0.0	:	-3.5
87-89/90	-8.8	-6.2	-8.7	-5.9	-7.1	-5.3	-16.8	-2.6	-41.2	-5.7	-6.3	-5.5	-11.5	-6.1
79/80-89/90	-22.7	-20.3	-27.0	-32.3	-25.6	-21.5	-24.9	-24.0	-57.9	-12.7	-26.9	-10.0	-35.1	-16.3
<b>Permanent pasture and meadow (F)</b>														
1979/80	3683.5	3093.5	96.4	55.0	699.5	137.5	515.1	906.8	216.5	639.6	4.26	105.8	74.9	232.1
1983	:	2870.7	85.4	44.8	620.8	137.5	515.1	807.3	214.5	639.6	3.71	97.3	:	219.8
1985	:	2807.8	80.8	41.2	594.3	110.6	:	747.3	211.2	708.0	3.57	93.6	:	217.2
1987	3214.6	2640.7	76.2	38.4	560.7	111.5	490.2	684.6	210.1	647.8	3.38	89.7	83.7	218.3
1989/90	3051.7	2472.0	64.5	37.8	524.1	99.3	471.3	681.9	166.5	596.4	3.18	85.5	108.3	212.8
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-7.2	-11.4	-18.5	-11.3	0.0	0.0	-11.0	-0.9	0.0	-12.9	-8.0	:	-5.3
83-85	:	-2.2	-5.4	-8.0	-4.3	-19.6	:	-7.4	-1.5	10.7	-3.8	-3.8	:	-1.2
85-87	:	-6.0	-5.7	-6.8	-5.7	0.8	:	-8.4	-0.5	-8.5	-5.3	-4.2	:	0.5
87-89/90	-5.1	-6.4	-15.4	-1.6	-6.5	-10.9	-3.9	-0.4	-20.8	-7.9	-5.9	-4.7	29.4	-2.5
79/80-89/90	-17.2	-20.1	-33.1	-31.3	-25.1	-27.8	-8.5	-24.8	-23.1	-6.8	-25.4	-19.2	44.6	-8.3
<b>Permanent crops (D)</b>														
1979/80	4954.0	3462.5	7.6	2.6	114.4	700.0	970.5	490.5	2.2	2120.3	1.04	12.5	521.0	11.4
1983	:	3325.8	5.8	2.0	99.1	666.3	970.5	408.6	1.3	2120.3	0.89	10.8	:	10.7
1985	:	3080.6	5.1	1.7	95.1	655.1	:	370.2	1.2	1930.9	0.87	10.3	:	10.1
1987	4484.1	3022.8	4.7	1.6	89.7	657.3	982.7	321.5	0.7	1926.8	0.83	9.8	478.6	9.9
1989/90	4383.0	2966.8	4.3	1.6	85.2	647.3	929.2	323.2	0.1	1885.5	0.78	9.5	487.0	9.3
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-3.9	-23.7	-23.1	-13.4	-4.8	0.0	-16.7	-40.9	0.0	-14.4	-13.6	:	-6.1
83-85	:	-7.4	-12.1	-15.0	-4.0	-1.7	:	-9.4	-7.7	-8.9	-2.2	-4.6	:	-5.6
85-87	:	-1.9	-7.8	-5.9	-5.7	0.3	:	-13.2	-41.7	-0.2	-4.6	-4.9	:	-2.0
87-89/90	-2.3	-1.9	-8.5	0.0	-5.0	-1.5	-5.4	0.5	-85.7	-2.1	-6.0	-3.1	1.8	-6.1
79/80-89/90	-11.5	-14.3	-43.4	-38.5	-25.5	-7.5	-4.3	-34.1	-95.5	-11.1	-25.0	-24.0	-6.5	-18.4
<b>Area under:</b>														
<b>Arable land (A)</b>														
1979/80	63040.5	46661.1	738.4	2644.6	7273.6	2462.2	13786.6	16508.0	1085.3	8398.6	57.14	828.4	2592.8	6664.9
1983	:	46549.6	728.6	2598.8	7190.9	2124.8	13786.6	16660.0	1041.1	8398.6	55.13	835.9	:	6915.8
1985	:	46777.0	727.6	2602.7	7214.1	2188.8	:	16776.7	1030.5	8320.4	54.31	862.8	:	6998.8
1987	63194.7	46940.4	733.4	2577.2	7250.6	2138.7	14126.3	17006.0	941.3	8400.9	55.55	895.1	2128.0	6941.6
1989/90	60483.1	46130.5	755.6	2550.4	7258.8	2053.1	12007.3	17136.8	600.7	8071.6	55.98	907.7	2345.9	6739.8
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-0.2	-1.3	-1.7	-1.1	-13.7	0.0	0.9	-4.1	0.0	-3.5	0.9	:	3.8
83-85	:	0.5	-0.1	0.2	0.3	3.0	:	0.7	-1.0	-0.9	-1.5	3.2	:	1.2
85-87	:	0.3	0.8	-1.0	0.5	-2.3	:	1.4	-8.7	1.0	2.3	3.7	:	-0.8
87-89/90	-4.3	-1.7	3.0	-1.0	0.1	-4.0	-15.0	0.8	-36.2	-3.9	0.8	1.4	10.2	-2.9
79/80-89/90	-4.1	-1.1	2.3	-3.6	-0.2	-16.6	-12.9	3.8	-44.7	-3.9	-2.0	9.6	-9.5	1.1
<b>Permanent pasture and meadow (F)</b>														
1979/80	43340.9	37674.8	667.1	262.7	4729.1	721.6	5531.7	11381.1	3959.4	4499.0	71.27	1171.7	134.4	10211.8
1983	:	36551.1	649.1	236.1	4533.6	721.6	5531.7	10782.0	3992.1	4499.0	70.68	1142.9	:	9924.0
1985	:	35998.9	635.7	220.6	4471.8	884.9	:	10416.4	3961.2	4426.8	70.14	1132.6	:	9778.8
1987	41429.7	34772.4	622.4	210.5	4398.8	636.7	6272.0	9784.6	3970.1	4223.3	69.38	1099.3	385.3	9757.3
1989/90	43942.9	34656.7	572.9	218.5	4313.8	557.1	8448.3	10196.4	3840.2	4105.9	68.87	1072.0	838.0	9711.0
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-3.0	-2.7	-10.1	-4.1	0.0	0.0	-5.3	0.8	0.0	-0.8	-2.5	:	-2.8
83-85	:	-1.5	-2.1	-6.6	-1.4	22.6	:	-3.4	-0.8	-1.6	-0.8	-0.9	:	-1.5
85-87	:	-3.4	-2.1	-4.6	-1.6	-28.0	:	-6.1	0.2	-4.6	-1.1	-2.9	:	-0.2
87-89/90	6.1	-0.3	-8.0	3.8	-1.9	-12.5	34.7	4.2	-3.3	-2.8	-0.7	-2.5	117.5	-0.5
79/80-89/90	1.4	-8.0	-14.1	-16.8	-8.8	-22.8	52.7	-10.4	-3.0	-8.7	-3.4	-8.5	523.5	-4.9
<b>Permanent crops (D)</b>														
1979/80	10479.4	5583.5	14.4	12.4	168.8	1019.6	4187.6	1322.0	2.7	2943.2	1.45	35.2	708.3	63.7
1983	:	5527.8	13.5	11.1	163.9	1047.6	4187.6	1258.9	2.1	2943.2	1.43	29.9	:	56.2
1985	:	5381.4	13.5	10.9	167.0	1026.4	:	1237.8	3.0	2838.5	1.45	29.7	:	53.1
1987	10612.6	5451.9	13.8	10.0	166.7	1052.0	4378.0	1216.1	3.0	2907.8	1.45	29.3	782.7	51.7
1989/90	10079.7	5241.6	15.5	10.2	171.3	1046.6	4048.6	1184.7	0.8	2732.1	1.42	31.6	789.4	47.4
<b>Increase (+) or decrease (-)</b>														
79/80-83	:	-1.0	-6.3	-10.5	-2.9	2.7	0.0	-4.8	-22.2	0.0	-1.4	-15.1	:	-11.8
83-85	:	-2.6	0.0	-1.8	1.9	-2.0	:	-1.7	42.9	-3.6	1.4	-0.7	:	-5.5
85-87	:	1.3	2.2	-8.3	-0.2	2.5	:	-1.8	0.0	2.4	0.0	-1.3	:	-2.6
87-89/90	-5.0	-3.9	12.3	2.0	2.8	-0.5	-7.5	-2.6	-73.3	-6.0	-2.1	7.8	0.9	-8.3
79/80-89/90	-3.8	-6.1	7.6	-17.7	1.5	2.6	-3.3	-10.4	-70.4	-7.2	-2.1	-10.2	11.4	-25.6

1) Concerning 1979/80: see footnotes 2, 3, 5, 6 and concerning 1989/90: see footnote 4. - 2) Concerning 1979/80: see national survey in 1881. - 3) Concerning 1979/80 and 1983: national survey in 1982. - 4) Community survey in 1991; national results. - 5) Concerning 1979/80 and 1983: Community survey in 1982. - 6) Concerning 1979/80: national survey in 1979.

**Table 6: Farm Structure Survey  
1979/80 to 1989/90**  
main results by livestock farming

Data in 1000

Year	EUR 12 (1)	EUR 10	B	DK	D	GR (2)	ES (3)	F	IRL (4)	I (5)	L	NL	P (6)	UK
Number of holdings:														
<b>Bovine animals (J/02 - J/08)</b>														
1979/80	3241.4	2530.0	81.2	65.7	537.1	137.1	443.6	733.4	195.9	500.9	3.85	90.9	267.8	183.9
1983	:	2281.4	72.0	51.5	474.9	98.8	443.6	642.5	190.1	500.9	3.39	80.3	:	167.0
1985	:	2132.8	67.9	46.3	448.7	93.9	:	590.0	187.0	458.2	3.17	76.6	:	161.0
1987	2650.1	1977.5	63.2	40.7	418.3	81.7	428.8	526.9	180.5	439.0	2.98	70.3	243.8	153.9
1989/90	2257.7	1727.2	57.4	37.1	378.3	68.0	311.0	503.6	151.4	319.6	2.74	65.5	219.6	143.6
Increase (+) or decrease (-)														
79/80-83	:	-9.8	-11.3	-21.6	-11.6	:	0.0	-12.4	-3.0	0.0	-11.9	-11.7	:	-9.2
83-85	:	-6.5	-5.7	-10.1	-5.5	-5.0	:	-8.2	-1.6	-8.5	-6.5	-4.6	:	-3.6
85-87	:	-7.3	-6.9	-12.1	-6.8	-13.0	:	-10.7	-3.5	-4.2	-6.0	-8.2	:	-4.4
87-89/90	-14.8	-12.7	-9.2	-8.8	-9.6	-16.8	-27.5	-4.4	-16.1	-27.2	-8.1	-6.8	-9.9	-6.7
79/80-89/90	-30.3	-31.7	-29.3	-43.5	-29.6	-50.4	-29.9	-31.3	-22.7	-36.2	-28.8	-27.9	-18.0	-21.9
<b>Dairy cows (J/07)</b>														
1979/80	2240.1	1801.3	57.9	46.6	452.4	91.9	302.9	571.4	104.6	331.5	2.98	74.8	135.9	67.2
1983	:	1514.2	48.7	35.5	396.9	66.2	302.9	420.4	91.4	331.5	2.51	63.5	:	57.6
1985	:	1353.0	44.5	31.8	361.9	66.2	:	351.0	84.7	298.6	2.30	58.0	:	54.0
1987	1639.5	1229.1	37.8	26.7	333.3	65.1	284.4	304.9	73.0	283.4	2.07	52.8	126.0	50.0
1989/90	1332.0	1026.4	31.3	23.2	302.8	50.1	206.8	269.7	49.1	206.4	1.89	47.1	99.0	44.8
Increase (+) or decrease (-)														
79/80-83	:	-15.9	-15.9	-23.8	-12.3	:	0.0	-26.4	-12.6	0.0	-15.8	-15.1	:	-14.3
83-85	:	-10.6	-8.6	-10.4	-8.8	0.0	:	-16.5	-7.3	-9.9	-8.4	-8.7	:	-6.3
85-87	:	-9.2	-15.1	-16.0	-7.9	-1.7	:	-13.1	-13.8	-5.1	-10.0	-9.0	:	-7.4
87-89/90	-18.8	-16.5	-17.2	-13.1	-9.2	-23.0	-27.3	-11.5	-32.7	-27.2	-8.7	-10.8	-21.4	-10.4
79/80-89/90	-40.5	-43.0	-45.9	-50.2	-33.1	-45.5	-31.7	-52.8	-53.1	-37.7	-36.6	-37.0	-27.2	-33.3
<b>Sheep (J/09)</b>														
1979/80	1078.6	793.7	9.2	3.9	38.4	221.0	160.8	200.0	43.6	170.4	0.27	22.6	124.1	84.3
1983	:	722.0	8.9	3.7	36.5	179.7	160.8	172.4	44.2	170.4	0.27	20.4	:	85.5
1985	:	721.4	8.9	4.4	39.5	188.7	:	161.2	48.0	163.0	0.28	19.7	:	87.7
1987	998.2	723.3	8.9	5.4	38.8	191.0	161.0	145.0	45.9	176.2	0.28	20.4	113.9	91.4
1989/90	958.7	728.4	8.0	6.0	38.9	175.0	129.0	166.2	54.8	158.8	0.31	24.7	101.3	95.7
Increase (+) or decrease (-)														
79/80-83	:	-9.0	-3.3	-5.1	-4.9	:	0.0	-13.8	1.4	0.0	0.0	-9.7	:	1.4
83-85	:	-0.1	0.0	18.9	8.2	5.0	:	-6.5	8.6	-4.3	3.7	-3.4	:	2.6
85-87	:	0.3	0.0	22.7	-1.8	1.2	:	-10.0	-4.4	8.1	0.0	3.6	:	4.2
87-89/90	-4.0	0.7	-10.1	11.1	0.3	-8.4	-19.9	14.6	19.4	-9.9	10.7	21.1	-11.1	4.7
79/80-89/90	-11.1	-8.2	-13.0	53.8	1.3	-20.8	-19.8	-16.9	25.7	-6.8	14.8	9.3	-18.4	13.5
<b>Pigs (J/11 - J/13)</b>														
1979/80	2488.8	1653.4	43.7	73.3	506.6	80.3	476.4	318.4	12.1	533.7	1.74	47.4	359.0	36.2
1983	:	1539.2	34.8	51.6	435.3	119.3	476.4	287.9	10.2	533.7	1.41	37.6	:	27.4
1985	:	1291.8	29.8	44.2	402.5	102.2	:	249.1	7.4	396.1	1.10	36.1	:	23.3
1987	1996.3	1211.1	26.3	37.7	365.9	87.7	466.3	210.6	4.9	420.3	0.96	35.4	318.9	21.3
1989/90	1537.0	987.4	20.0	31.4	308.4	59.8	310.9	172.0	2.9	345.9	0.77	29.3	238.7	16.9
Increase (+) or decrease (-)														
79/80-83	:	-6.9	-20.4	-29.6	-14.1	:	0.0	-9.6	-15.7	0.0	-19.0	-20.7	:	-24.3
83-85	:	-16.1	-14.4	-14.3	-7.5	-14.3	:	-13.5	-27.5	-25.8	-22.0	-4.0	:	-15.0
85-87	:	-6.3	-11.7	-14.7	-9.1	-14.2	:	-15.5	-33.8	6.1	-12.7	-1.9	:	-8.6
87-89/90	-23.0	-18.5	-24.0	-16.7	-15.7	-31.8	-33.3	-18.3	-40.8	-17.7	-19.8	-17.2	-25.1	-20.7
79/80-89/90	-38.2	-40.3	-54.2	-57.2	-39.1	-25.5	-34.7	-46.0	-76.0	-35.2	-55.7	-38.2	-33.5	-53.3
<b>Poultry (J/14 - J/16)</b>														
1979/80	4445.6	3213.9	40.2	32.0	411.0	648.7	640.2	882.3	87.2	1026.2	2.63	9.7	591.5	74.0
1983	:	2983.2	27.1	21.7	344.0	650.4	640.2	774.2	68.5	1026.2	2.22	7.7	:	61.2
1985	:	2578.7	22.8	18.0	317.0	644.6	:	693.4	61.8	755.7	2.03	7.4	:	56.0
1987	3402.4	2361.5	20.1	15.5	286.3	577.9	582.5	596.0	50.1	751.4	1.89	7.1	458.4	55.2
1989/90	3035.2	2222.0	14.8	13.7	253.3	504.0	397.5	592.4	26.6	761.5	1.69	6.2	415.8	47.8
Increase (+) or decrease (-)														
79/80-83	:	-7.2	-32.6	-32.2	-16.3	:	0.0	-12.3	-21.4	0.0	-15.6	-20.6	:	-17.3
83-85	:	-13.6	-15.9	-17.1	-7.8	-0.9	:	-10.4	-9.8	-26.4	-8.6	-3.9	:	-8.5
85-87	:	-8.4	-11.8	-13.9	-9.7	-10.3	:	-14.0	-18.9	-0.6	-6.9	-4.1	:	-1.4
87-89/90	-10.8	-5.9	-26.4	-11.6	-11.5	-12.8	-31.8	-0.6	-46.9	1.3	-10.6	-12.7	-9.3	-13.4
79/80-89/90	-31.7	-30.9	-63.2	-57.2	-38.4	-22.3	-37.9	-32.9	-69.5	-25.8	-35.7	-36.1	-29.7	-35.4
Number of:														
<b>Bovine animals (J/02 - J/08)</b>														
1979/80	84697.9	78994.0	3042.9	3035.4	14937.4	824.1	4539.4	22843.6	6870.8	8527.0	224.80	5148.6	1164.5	13539.4
1983	:	79262.6	3077.5	2851.6	15023.3	616.1	4539.4	23425.2	6899.9	8527.0	224.65	5410.9	:	13206.4
1985	:	79028.1	3080.3	2617.7	15576.0	674.3	:	23140.8	6964.6	8711.8	223.11	5247.7	:	12791.8
1987	82801.5	76057.2	3071.0	2350.8	15231.1	678.1	5357.6	21856.0	6764.5	8906.7	217.25	4894.8	1386.7	12086.9
1989/90	79921.9	73743.6	3229.4	2226.9	14575.7	634.5	4777.1	21189.3	6912.0	7758.8	215.30	4949.4	1401.2	12052.3
Increase (+) or decrease (-)														
79/80-83	:	0.3	1.1	-6.1	0.6	-25.2	0.0	2.5	0.4	0.0	-0.1	5.1	:	-2.5
83-85	:	-0.3	0.1	-8.2	3.7	9.4	:	-1.2	0.9	2.2	-0.7	-3.0	:	-3.1
85-87	:	-3.8	-0.3	-10.2	-2.2	0.6	:	-5.6	-2.9	2.2	-2.6	-6.7	:	-5.5
87-89/90	-3.5	-3.0	5.2	-5.3	-4.3	-6.4	-10.8	-3.1	2.2	-12.9	-0.9	1.1	1.0	-0.3
79/80-89/90	-5.6	-6.6	6.1	-26.6	-2.4	-23.0	5.2	-7.2	0.6	-9.0	-4.2	-3.9	20.3	-11.0

Table 6: Farm Structure Survey  
1979/80 to 1989/90

main results by livestock farming

Data in 1000

Year	EUR 12 (1)	EUR 10	B	DK	D	GR (2)	ES (3)	F	IRL (4)	I (5)	L	NL	P (6)	UK
<b>Dairy cows (J/87)</b>														
1979/80	26762.6	24920.9	977.2	1071.4	5429.0	256.9	1499.5	7270.0	1614.9	2576.5	67.83	2369.0	342.2	3288.2
1983	25143.9	25143.9	982.1	1002.9	5530.7	214.7	1499.5	7215.3	1668.1	2576.5	68.77	2557.2		3327.6
1985	24313.0	24313.0	969.9	896.4	5567.2	222.0		6609.3	1684.2	2782.3	68.35	2366.6		3146.7
1987	25373.3	23038.9	920.1	811.0	5402.9	243.8	1903.8	6105.9	1589.9	2762.6	64.50	2099.9	430.6	3038.3
1989/90	23304.4	21301.1	841.9	762.0	5012.4	230.3	1597.8	5698.1	1330.8	2641.7	60.66	1878.0	405.6	2845.2
Increase (+) or decrease (-)														
79/80-83		0.9	0.5	-6.4	1.9		0.0	-0.8	3.3	0.0	1.4	7.9		1.2
83-85		-3.3	-1.2	-10.6	0.7	3.4		-8.4	1.0	8.0	-0.6	-7.5		-5.4
85-87		-5.2	-5.1	-9.5	-3.0	9.8		-7.6	-5.6	-0.7	-5.6	-11.3		-3.4
87-89/90	-8.2	-7.5	-8.5	-6.0	-7.2	-5.5	-16.1	-6.7	-16.3	-4.4	-6.0	-10.6	-5.8	-6.4
79/80-89/90	-12.9	-14.5	-13.8	-28.9	-7.7	-10.4	6.6	-21.6	-17.6	2.5	-10.6	-20.7	18.5	-13.5
<b>Sheep (J/09)</b>														
1979/80	81283.0	63291.4	119.6	54.0	958.8	8553.7	15953.9	13120.8	3301.3	6426.6	3.57	895.4	2037.7	29857.6
1983	64346.9	64346.9	130.0	52.1	905.9	6682.0	15953.9	11420.2	4049.5	6426.6	3.54	772.3		33904.8
1985	67902.2	67902.2	161.4	70.4	1068.1	7214.6		11181.1	4404.6	7521.8	5.08	814.3		35460.8
1987	94502.4	72190.6	186.0	100.8	1095.3	7782.7	19892.2	10408.0	4960.9	8138.2	6.16	984.6	2419.6	38527.9
1989/90	104530.5	84103.8	189.3	143.4	1242.3	7759.0	17500.5	11524.9	8888.2	8721.7	7.49	1690.1	2926.3	43937.4
Increase (+) or decrease (-)														
79/80-83		1.7	8.7	-3.5	-5.5	-21.9	0.0	-13.0	22.7	0.0	-0.8	-13.7		13.6
83-85		5.5	24.2	35.1	17.9	8.0		-2.1	8.8	17.0	43.5	5.4		4.6
85-87		6.3	15.2	43.2	2.5	7.9		-6.9	12.6	8.2	21.3	20.9		8.6
87-89/90	10.6	16.5	1.8	42.3	13.4	-0.3	-12.0	10.7	79.2	7.2	21.6	71.7	20.9	14.0
79/80-89/90	28.6	32.9	58.3	165.6	29.6	-9.3	9.7	-12.2	169.2	35.7	109.8	88.8	43.6	47.2
<b>Pigs (J/11 - J/13)</b>														
1979/80	88092.1	76058.9	5099.9	9341.8	21917.4	1268.0	9642.2	11027.0	1009.2	8755.6	79.32	9721.8	2391.0	7838.9
1983	77224.3	77224.3	5299.6	9253.1	21696.5	1047.2	9642.2	11308.6	1050.5	8755.6	71.96	10656.1		8085.1
1985	79981.5	79981.5	5340.8	9089.0	23200.7	1023.2		11271.4	960.2	8816.1	69.95	12382.6		7827.5
1987	98920.7	83814.8	5844.1	9266.4	23988.9	909.3	12744.2	11777.1	911.3	8794.8	74.94	14348.7	2361.7	7899.3
1989/90	96361.0	82081.4	6657.8	9198.0	22331.4	820.5	11840.5	11905.2	1303.7	8392.2	76.85	13844.4	2439.1	7551.3
Increase (+) or decrease (-)														
79/80-83		1.5	3.9	-0.9	-1.0	-17.4	0.0	2.6	4.1	0.0	-9.3	9.6		3.1
83-85		3.6	0.8	-1.8	6.9	-2.3		-0.3	-8.6	0.7	-2.8	16.2		-3.2
85-87		4.8	9.4	2.0	3.4	-11.1		4.5	-5.1	-0.2	7.1	15.9		0.9
87-89/90	-2.6	-2.1	13.9	-0.7	-6.9	-9.8	-7.1	1.1	43.1	-4.6	2.5	-3.5	3.3	-4.4
79/80-89/90	9.4	7.9	30.5	-1.5	1.9	-35.3	22.8	8.0	29.2	-4.2	-3.1	42.4	2.0	-3.7
<b>Poultry (J/14 - J/16) (7)</b>														
1979/80	89072.5	73614.3	2439.1	1638.5	7659.5	3156.1	11669.0	18540.9	960.5	17825.9	13.10	7984.7	3789.2	13396.0
1983	74272.5	74272.5	2176.1	1613.2	7136.6	2671.8	11669.0	20800.1	953.1	17825.9	10.14	8354.2		12731.4
1985	73206.3	73206.3	2129.9	1521.9	7092.9	2816.0		21759.4	944.0	14934.7	10.19	9144.4		12852.9
1987	90885.6	75201.9	2324.3	1554.0	6869.6	2975.2	12533.8	22490.8	784.4	14435.0	9.94	9866.9	3149.9	13891.8
1989/90	95234.9	80431.9	2690.0	1634.0	6991.0	3290.6	11726.0	24109.0	1205.3	17209.0	9.00	9527.0	3077.0	13767.0
Increase (+) or decrease (-)														
79/80-83		0.9	-10.8	-1.5	-6.8	-15.3	0.0	12.2	-0.8	0.0	-22.6	4.6		-5.0
83-85		-1.4	-2.1	-5.7	-0.6	5.4		4.6	-1.0	-16.2	0.5	9.5		1.0
85-87		2.7	9.1	2.1	-3.1	5.7		3.4	-16.9	-3.3	-2.5	7.9		8.1
87-89/90	4.8	7.0	15.7	5.1	1.8	10.6	-6.4	7.2	53.7	19.2	-9.5	-3.4	-2.3	-0.9
79/80-89/90	6.9	9.3	10.3	-0.3	-8.7	4.3	0.5	30.0	25.5	-3.5	-31.3	19.3	-18.8	2.8
Average number of animals by holdings with (head):														
<b>Bovine animals (J/02 - J/08)</b>														
1979/80	26	31	37	46	28	6	10	31	35	17	58	57	4	74
1983	35	35	43	55	32	6	10	36	36	17	66	67		79
1985	37	37	45	57	35	7		39	37	19	70	69		79
1987	31	38	49	58	36	8	12	41	37	20	73	70	6	79
1989/90	35	43	56	60	39	9	15	42	46	24	79	76	6	84
<b>Dairy cows (J/07)</b>														
1979/80	12	14	17	23	12	3	5	13	15	8	23	32	3	49
1983	17	17	20	28	14	3	5	17	18	8	27	40		58
1985	18	18	22	28	15	3		19	20	9	30	41		58
1987	15	19	24	30	16	4	7	20	22	10	31	40	3	61
1989/90	17	21	27	33	17	5	8	21	27	13	32	40	4	64
<b>Sheep (J/09)</b>														
1979/80	75	80	13	14	25	39	99	66	76	38	13	40	16	354
1983	89	89	15	14	25	37	99	66	92	38	13	38		397
1985	94	94	18	16	27	38		69	92	46	18	41		404
1987	95	100	21	19	28	41	124	72	108	46	22	48	21	422
1989/90	109	115	24	24	32	44	136	69	162	55	24	68	29	459
<b>Pigs (J/11 - J/13)</b>														
1979/80	35	46	117	127	43	16	20	35	83	16	46	205	7	217
1983	50	50	152	179	50	9	20	39	103	16	51	283		295
1985	62	62	179	206	58	10		45	130	22	64	343		336
1987	50	69	222	246	66	10	27	56	186	21	78	405	7	371
1989/90	63	83	333	293	72	14	38	69	454	24	100	473	10	447
<b>Poultry (J/14 - J/16)</b>														
1979/80	200	229	607	512	186	49	182	210	110	174	50	8232	64	1810
1983	249	249	803	743	207	41	182	269	139	174	46	10850		2080
1985	284	284	934	846	224	44		314	153	198	50	12357		2295
1987	267	318	1156	1003	240	51	215	377	157	192	53	13897	69	2517
1989/90	314	362	1815	1190	276	65	295	407	453	226	53	15317	74	2882

1) Concerning 1979/80: see footnotes 2, 3, 5, 6 and concerning 1989/90: see footnote 4. - 2) Concerning 1979/80: see national survey in 1881. - 3) Concerning 1979/80 and 1983: national survey in 1982. - 4) Community survey in 1991; national results. - 5) Concerning 1979/80 and 1983: Community survey in 1982. - 6) Concerning 1979/80: national survey in 1979. - 7) In 10000.