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Production Statistics, 1993
- 1996

Organic Farming in Europe:
Economics and Policy
Volume 3

Carolyn Foster
Nicolas Lampkin

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1 Introduction

1.1 Objectives

The objective of this report is to provide an up-to-date overview of the organic and in-conversion land area, number of holdings, livestock and crop production in all EU-member states and the Czech Republic, Norway and Switzerland from 1993 to 1996. This report forms part of the project “Effects of the CAP Reform and possible further developments on organic farming in the EU” (FAIR 3-CT96 1794) funded by the European Commission. The general objective of the project is to provide an assessment of the impact of the 1992 CAP Reform on organic farming and thus contribute to a better understanding of the effects that current EU policies have on this sub-sector. This is one of five reports that aim to assess *ex post* the impact of EU and other policy measures on organic farming. This report traces the growth and development of organic farming in general and as part of policy measures to support organic farming.

1993 was chosen as the starting point from which to present the data. It represents the year in which most EU member states implemented Council Regulation (EEC) No. 2092/91 defining organic crop production in statutory terms. It was also the first year in which the CAP Reform of 1992 began to have an impact on organic farming, in particular through support under the agri-environment programme (Council Regulation (EEC) No. 2078/92). Two further reports are planned that will extend the data series to 1997 and 1998.

1.2 Methodology

The report is based on data collected by project partners and subcontractors for 18 European countries, and additional information from published and unpublished material that was obtained by the authors. The subcontractors collected the data by surveying designated national/regional control authorities and organic certification bodies, with reference to published official data or other sources. Where possible the data were confirmed by the authors from a variety of other sources, including the responsible authorities in the national agricultural administrations.

The report is divided into two main parts. Part A concerns organic and in-conversion land area and number of holdings in several categories: certified only, EC Reg. 2078/92- supported, total policy-supported and total certified and policy-supported combined. Part B contains a breakdown of land use and stocking by commodity.

The data for certified production represent the situation at the 31 December each year (the required reporting date under EC Reg.

2092/91) or a date as close to this as possible. The data concerning organic production supported under the agri-environment programme (EC Reg. 2078/92) are mainly based on the statistical reporting from each Member State to the EU Commission on the 15 October. In some cases year-end data has been used where this is more reliable.

Following the implementation of EC Reg. 2092/91 in 1993, the quantity and reliability of data has improved considerably. However, the situation varies considerably between countries with respect to certification and financial support for organic farming (see the first report of this project for details of the implementation of the schemes¹). This has an influence on the way in which certified holdings are accounted for in statistics as no unified approach to statistical reporting has been implemented. Some countries use government agencies and certify only according to EC Reg. 2092/91. As EC Reg. 2092/91 does not include any standards for livestock yet, livestock holdings might not be included in official statistics of certified holdings, even though they are following strictly organic principles and are potentially certified with a private body. Other countries rely on private sector bodies for certification, which might follow their own standards. Similarly, some but not all countries require a holding to be certified with the state (following EC Reg. 2092/91) or a private sector body to qualify for the organic farming payments under the agri-environment programme (EC Reg. 2078/92).

The collation of data on organic farming in general is hampered by lack of resources of the certification bodies. This is especially applicable to data on commodities.

In summary, reporting procedures in some countries are inadequate and therefore estimates still need to be used where actual data could not be obtained or are not available.

The report will be updated for 1997 and 1998 data by which time it is to be hoped that any missing data can be included and any necessary amendments made.

¹Lampkin, N., C. Foster, S. Padel and P. Midmore (1999): The policy and regulatory environment for organic farming in Europe. *Organic Farming in Europe: Economics and Policy*, Vol. 1

Country Abbreviations

AT	Austria
BE	Belgium
CH	Switzerland
CZ	Czech Republic
DE	Germany
DK	Denmark
ES	Spain
FI	Finland
FR	France
GB	Great Britain & Northern Ireland
GR	Greece
IE	Ireland
IT	Italy
LU	Luxembourg
NL	Netherlands
NO	Norway
PT	Portugal
SE	Sweden

Part A Organic and in-conversion land area and holdings

As mentioned above, the situation within Europe varies with respect to legal definitions, certification procedures and financial support for organic farming. Therefore several categories of organic and in-conversion land and holdings can occur in each country, all of which are addressed in the report.

Certified land and holdings

Sections 2 and 3 concern data on the certified land area and number of holdings, both fully organic and in-conversion. This includes land area and holdings certified under EC Reg. 2092/91 and any other certification by state or private sector bodies not included in 2092/91, for example because of the lack of an EU regulation for livestock. Due to the way in which such data is recorded in some countries, it has proved impossible to isolate land area and holdings which are certified exclusively according to EC Reg. 2092/91, or to distinguish between fully organic and in-conversion land area and holdings.

Certified organic farming more than doubled in the EU between 1993 and 1996, increasing from 29 000 to 62 000 holdings covering a land area of 0.7 Mha and 1.6 Mha respectively. In 1996, organic farming represented almost 1.2% of total UAA both in the EU (1.6 Mha out of 133 Mha) and in all 18 study countries (1.7 Mha out of 140 Mha). This figure varies considerably between countries, ranging from less than 1% of total farm land in the majority of countries (BE, CZ, ES, FR, GB, GR, IE, LU, NL, NO, PT) to around 2% in DE, DK and IT, 3% in FI and SE, 5% in Switzerland and almost 9% in Austria.

Agri-environment programme (EC Reg. 2078/92) supported land and holdings

Sections 4 and 5 concern organic and in-conversion land area and holdings that qualify for payments under the EU agri-environment programme (EC Reg. 2078/92). The majority of such holdings are certified (organic or in-conversion) as this is a requirement for payments in most countries. However, in Sweden and some German *Länder*, such a requirement does not exist and therefore some uncertified land is included in these figures.

The majority of organic aid schemes under EC Reg. 2078/92 were not fully implemented by member states until 1996. By 1997, there was almost an eleven-fold increase in the number of organic and in-conversion holdings receiving such support in the EU, from just under 6 000 in 1994 (covering 0.1 Mha) to 65 000 in 1997 (covering an area of nearly 1.3 Mha). When the total number of agreements under EC Reg. 2078/92 are taken into account the organic farming share increased from 1.3% of total agreements in 1994 to 3.9% in 1997 (Table 5-3). Uptake varies between countries, from less than 300 agreements in BE, GB, NL and PT to more than 8 400 in Germany, almost 11 000 in

Sweden, 17 000 in Italy and approximately 18 500 in Austria. As a percentage of total agri-environment agreements in each country, uptake is lowest in France and Portugal with less than 1%, while in DK, GR, IT and SE over 10% of agreements relate to the organic option. Organic farming accounts for almost half the land area registered under agri-environment agreements in DK with less than 3% in FR, GB and PT.

Total policy-supported land and holdings

Sections 6 and 7 include all organic and in-conversion land area and holdings supported under the agri-environment programme (EC Reg. 2078/92), the extensification programme (EC Reg. 4115/88), and under national organic support schemes. In those countries which do not require policy-supported organic production to be certified, these figures will include both certified and uncertified land and holdings.

In 1996, there were more than 58 500 policy-supported organic holdings in the EU on 1.25 Mha. Of these, 7 600 holdings and 0.32 Mha were supported under EC Reg. 4115/88 in Germany.

Total certified and policy-supported land and holdings

Sections 8 and 9 provide an overview of the total certified and policy-supported land area and holdings. For the majority of countries, which require policy-supported organic production to be certified, the data presented are the same as in Sections 2 and 3. In Sweden and Germany, however, organic certification is (or was) not always a requirement. In these two cases, the values for policy-supported land and holdings presented in Sections 6 and 7 have been used. As it is not possible to identify which certified holdings receive policy support (most do), and which policy-supported holdings are certified (many are not), these values should be seen as a lower estimate of the actual situation.

In 1996, the total certified and policy-supported organic and in-conversion land area in the EU amounted to 1.75 Mha on 74 500 farms, representing 1.3 % of the total utilisable agricultural area (UAA) and 1.0 % of all holdings. This is slightly more than twice the level in 1993.

2 Certified organic and in-conversion land area

Table 2-1, Figure 2-1 and Figure 2-2 present data on certified land area, both fully organic and in conversion. For most countries, these data are for land that is certified according to EC Reg. 2092/91. Land certified according to other national regulations (e.g. AT, FI, SE pre 1995; NO pre 1996, CH and CZ) is also included.

In all countries except Germany and Greece, the data also include land used solely for livestock production, although livestock production is not currently covered by EC Reg. 2092/91. Data in the strict sense of EC Reg. 2092/91 are not available for these countries.

In Greece, no organic livestock production is recognised. In Germany, livestock-only enterprises are not included in the EC Reg. 2092/91 data shown in the table. Data on certified production available from AGÖL, the German umbrella organisation of producer associations, are presented as a footnote. These data include livestock-only holdings, but AGÖL members do not certify all holdings registered under EC Reg. 2092/91. The degree of overlap between the two sets of data cannot at present be identified.

Table 2-1: Certified organic and in-conversion land area (ha)¹

	1993	1994	1995	1996
AT	135 982	192 337	335 865	309 089
BE	2 179	2 683	3 385	4 261
DE ²	246 458	272 139	309 487	354 171
DK	20 093	21 145	40 884	46 171
ES	11 675	17 209	24 079	103 735
FI	20 340	25 822	44 695	84 555
FR	87 829	94 806	118 393	137 084
GB	30 992	32 476	48 448	49 535
GR	591	1 188	2 401	5 269
IE	5 460	5 390	12 634	20 496
IT	88 437	154 120 ³	204 494 ³	334 176 ³
LU	497	538	571	594
NL	10 354	10 975	11 486	12 385
PT	3 060 ³	7 267	10 719	9 191
SE	36 627	47 921	83 326	113 571
CH	20 784	25 230 ³	31 815 ³	58 741
CZ	15 667	15 818	14 127	17 022
NO	3 778	4 520	5 768	7 897
EU 15	700 574	886 016	1 250 867	1 584 283
ALL 18	740 803	931 584	1 302 577	1 667 943

Source: Own data from national agricultural administrations and certification bodies

¹ Data at 31.12

² AGÖL certified land area: 1993: 161 729, 1994: 181 008, 1995: 310 482, 1996: 327 329

³ Subcontractor estimate

Figure 2-1: Certified organic and in-conversion land area (ha), total by year

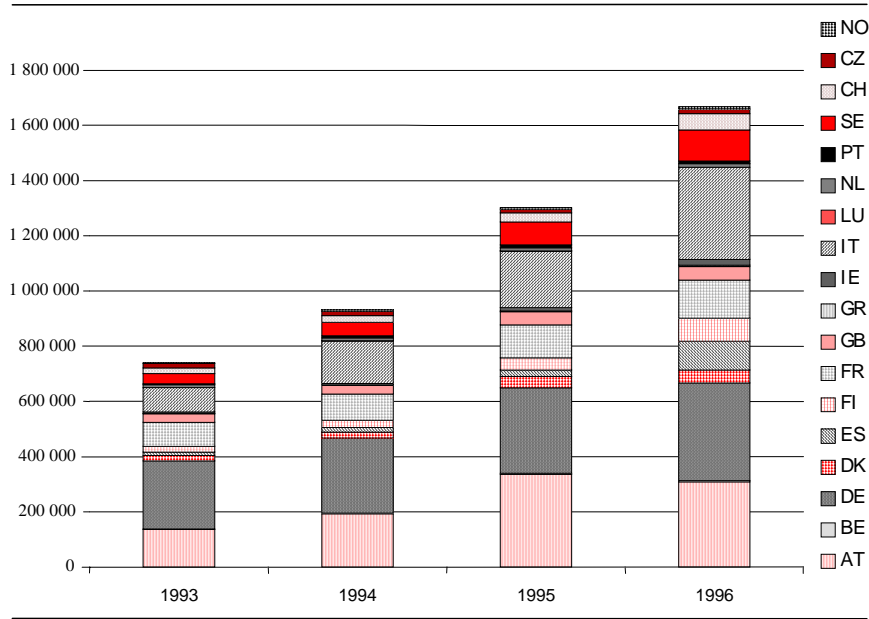


Figure 2-2: Certified organic and in-conversion land area (ha), by country and year

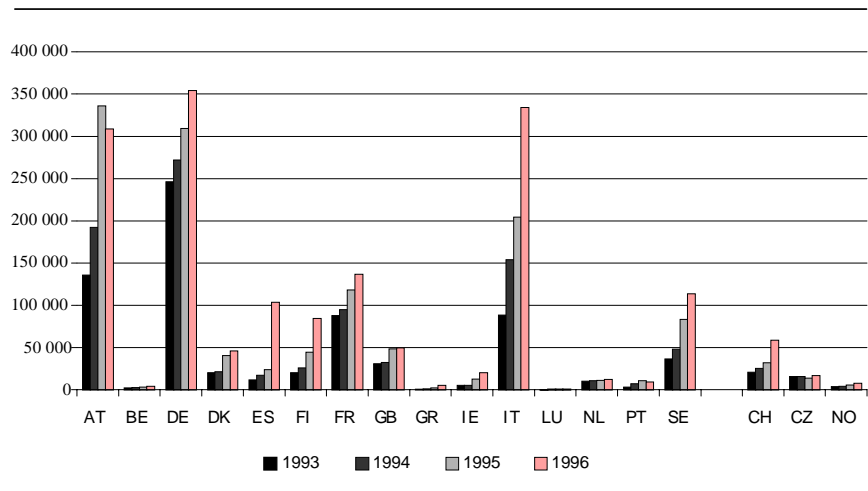


Table 2-2 and Figure 2-3 show the certified organic and in-conversion land area from Table 2-1 as a percentage of the total utilisable agricultural area (UAA) in each country in 1995. 1995 is the most recent year for which total UAA data for most countries are available. Where 1995 data is not available, total UAA for other years has been used and is indicated in the footnotes.

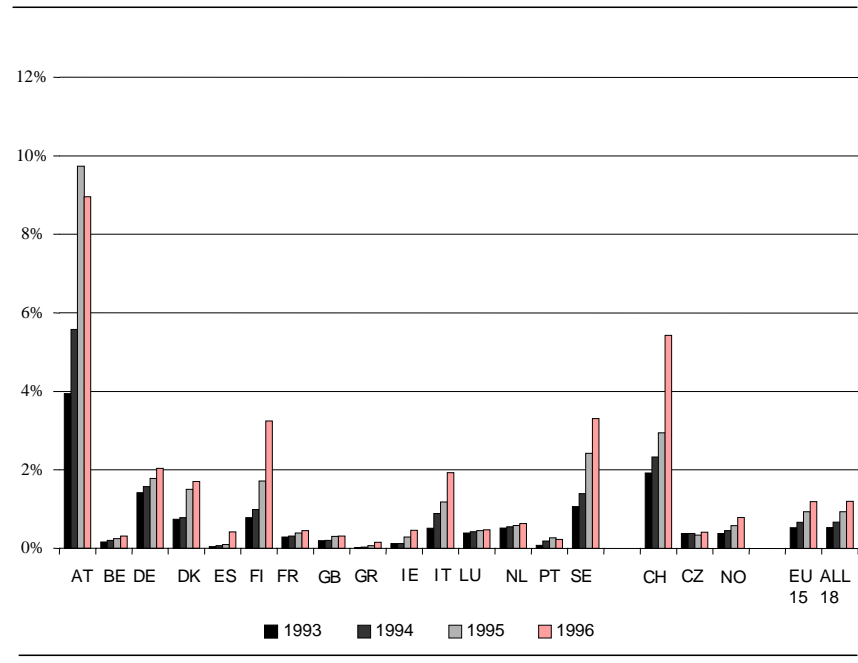
Table 2-2: *Certified organic and in-conversion land area as % of 1995 utilisable agricultural area*

	1993	1994	1995	1996	Total UAA (1995) 1 000 ha
AT	3.94%	5.58%	9.74%	8.96%	3 449
BE	0.16%	0.20%	0.25%	0.31%	1 366
DE	1.42%	1.57%	1.78%	2.04%	17 344
DK	0.74%	0.78%	1.51%	1.70%	2 715
ES	0.05%	0.07%	0.10%	0.41%	25 092
FI	0.78%	0.99%	1.72%	3.25%	2 605
FR	0.29%	0.31%	0.39%	0.45%	30 277
GB	0.20%	0.20%	0.31%	0.31%	15 852
GR	0.02%	0.03%	0.07%	0.15%	3 490 ⁴
IE	0.12%	0.12%	0.28%	0.46%	4 444 ¹
IT	0.51%	0.89%	1.18%	1.93%	17 294 ²
LU	0.39%	0.42%	0.45%	0.47%	127
NL	0.52%	0.55%	0.58%	0.63%	1 981
PT	0.08%	0.18%	0.27%	0.23%	3 981
SE	1.07%	1.39%	2.42%	3.30%	3 438 ³
CH	1.92%	2.33%	2.94%	5.42%	1 083 ⁴
CZ	0.38%	0.38%	0.34%	0.41%	4 166
NO	0.38%	0.45%	0.57%	0.79%	1 005 ⁴
EU 15	0.52%	0.66%	0.94%	1.19%	133 455
ALL 18	0.53%	0.67%	0.93%	1.19%	139 709

Source: Own data and Agricultural Situation in the European Union, 1996 (Eurostat).

- ¹ 1991
- ² 1989
- ³ 1994
- ⁴ 1996

Figure 2-3: Certified organic and in-conversion land area as % of 1995 utilisable agricultural area



3 Certified organic and in-conversion holdings

Table 3-1, Figures 3-1 and 3-2 present data on the number of certified holdings, both fully organic and in-conversion. For most countries, these data are for holdings that are certified according to EC Reg. 2092/91. Holdings certified according to other national regulations (e.g. AT, FI, SE pre 1995; NO pre 1996, CH and CZ) are also included.

In all countries except Germany and Greece, the data also include livestock-only holdings, although livestock production is not currently covered by EC Reg. 2092/91. Data in the strict sense of EC Reg. 2092/91 are not available for these countries.

In Greece, no organic livestock production is recognised. In Germany, livestock-only enterprises are not included in the EC Reg. 2092/91 data shown in the table. Data on certified production available from AGÖL, the German umbrella organisation of producer associations, are presented as a footnote. These data include livestock-only holdings, but AGÖL members do not certify all holdings registered under EC Reg. 2092/91. The degree of overlap between the two sets of data cannot at present be identified.

Table 3-1: Certified organic and in-conversion holdings (n)¹

	1993	1994	1995	1996
AT	9 713	13 321	18 542	19 433
BE	160	168	193	228
DE ²	5 091	5 866	6 642	7 353
DK	640	677	1 050	1 166
ES	753	909	1 042	2 161
FI	1 599	1 818	2 793	4 452
FR	3 231	3 556	3 538	3 854
GB	655	715	828	865
GR	165	469	568	1 065
IE	162	198	378	696
IT	4 656	8 597 ³	10 630 ³	17 279 ³
LU	12	12	19	20
NL	455	512	561	656
PT	90	213	331	250
SE	1 486	1 675	2 446	2 712
CH	1 405	1 630	2 121	3 721
CZ	141	187	176	192
NO	501	551	728	946
EU 15	28 868	38 706	49 561	62 190
ALL 18	30 915	41 074	52 586	67 049

Source: Own data from national agricultural administrations and certification bodies

¹ Data at 31.12

² AGÖL certified holdings: 1993: 4 941, 1994: 5 168, 1995: 6 006, 1996: 6 465

³ Subcontractor estimate

Figure 3-1: Certified organic and in-conversion holdings (n), total by year

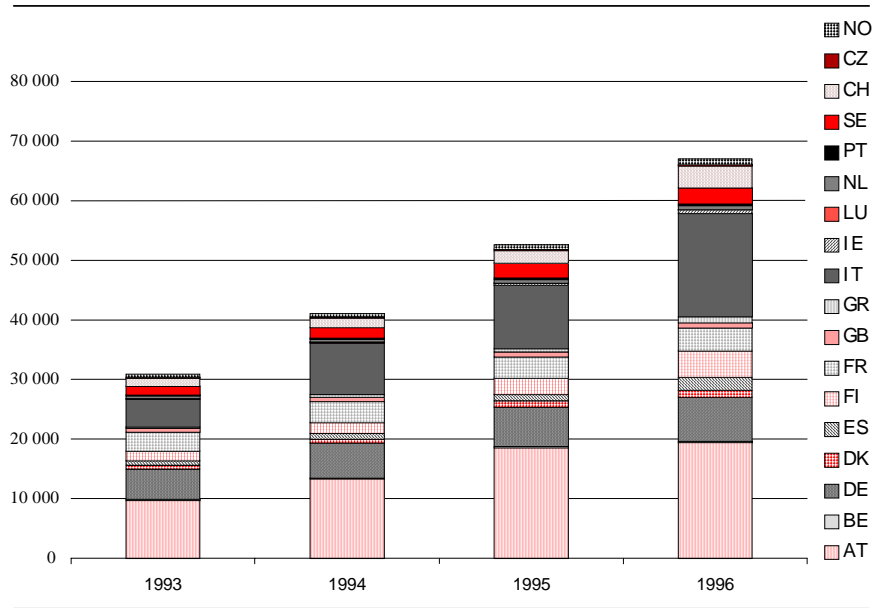


Figure 3-2: Certified organic and in-conversion holdings (n), by country and year

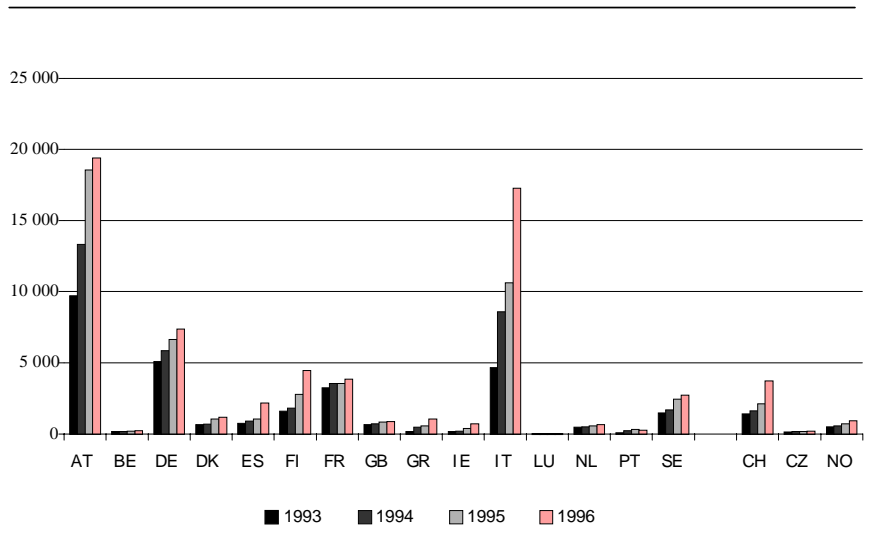


Table 3-2 and Figure 3-3 show the certified organic and in-conversion holdings from Table 3-1 as a percentage of the total holdings in each country in 1993. 1993 is the most recent year for which total agricultural holdings data for most countries are available. Where 1993 data is not available, total holdings for other years have been used as indicated in the footnotes.

Table 3-2: *Certified organic and in-conversion holdings as % of 1993 total agricultural holdings*

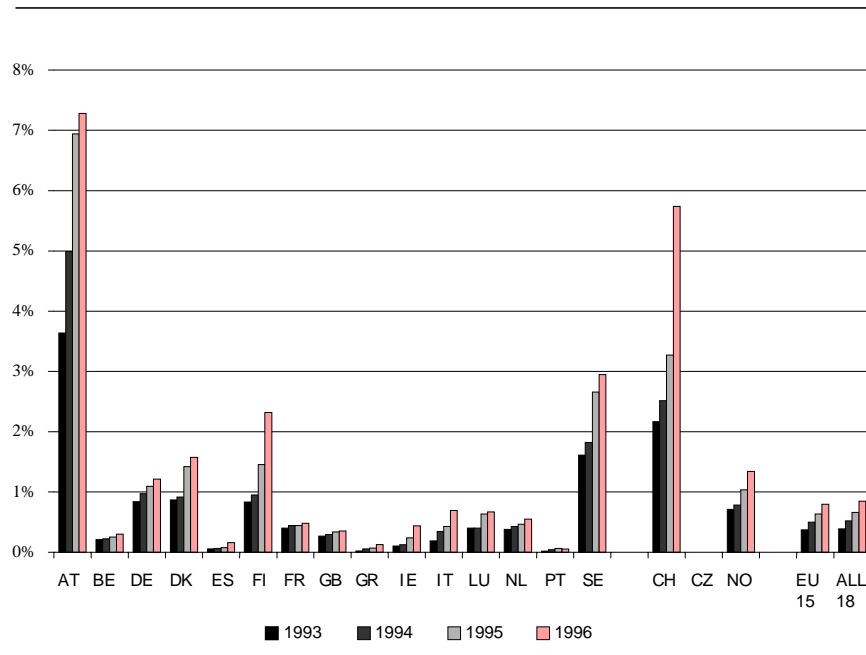
	1993	1994	1995	1996	Total holdings (1993) 1 000 n
AT	3.64%	4.99%	6.94%	7.28%	267
BE	0.21%	0.22%	0.25%	0.30%	76
DE	0.84%	0.97%	1.10%	1.21%	606
DK	0.86%	0.91%	1.42%	1.58%	74
ES	0.05%	0.07%	0.08%	0.16%	1 384
FI	0.83%	0.95%	1.45%	2.32%	192
FR	0.40%	0.44%	0.44%	0.48%	801
GB	0.27%	0.29%	0.34%	0.35%	244
GR	0.02%	0.06%	0.07%	0.13%	819
IE	0.10%	0.12%	0.24%	0.44%	159
IT	0.19%	0.35%	0.43%	0.69%	2 488
LU	0.40%	0.40%	0.63%	0.67%	3
NL	0.38%	0.43%	0.47%	0.55%	120
PT	0.02%	0.04%	0.07%	0.05%	489
SE	1.62%	1.82%	2.66%	2.95%	92
CH	2.17%	2.51%	3.27%	5.74%	65 ¹
CZ	nd	nd	nd	nd	nd
NO	0.71%	0.78%	1.03%	1.34%	71 ¹
EU 15	0.37%	0.50%	0.63%	0.80%	7 814
ALL 18	0.39%	0.52%	0.66%	0.84%	7 949

Source: *Own data and Agricultural Situation in the European Union, 1996 (Eurostat)*

nd = no data

¹ 1996 total holdings

Figure 3-3: Certified organic and in-conversion holdings as % of 1993 total agricultural holdings



4 Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion land area

Table 4-1, Figure 4-1 and Figure 4-2 show the organic and in-conversion land area supported under the agri-environment programme (EC Reg. 2078/92). In most countries, only certified organic and in-conversion land area qualifies for such payments, but not all certified land is necessarily eligible or entered for support. However, for those countries where certification is not a requirement (SE and some regions in DE and IT) the data include both certified and uncertified land (see Section 8).

Table 4-1: *Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion land area (ha)*

	1993	1994	1995	1996	1997
AT ²	0	0	197 952	248 387	246 000 ^a
BE	0	0	0	2 709	3 401
DE	0	69 257	112 864	156 261	229 486
DK	920	15 156	20 934	30 244	50 281
ES ²	0	0	0	25 000 ^b	50 000 ^b
FI	0	0	32 861 ^c	75 927	89 403
FR	0	0	16 946	29 278	41 976
GB	0	151	19 709	23 262	29 127
GR	0	0	0	3 260	4 260
IE	nd	nd	nd	nd	nd
IT ²	0	22 651	75 148	162 186	308 367
LU	0	0	0	0	0
NL	0	2 703 ^c	2 941	3 542 ^d	4 640
PT ²	0	0	901	7 297	9 938
SE ²	0	0	86 8245	162 312	205 185
EU 15	920	109 918	567 080	929 665	1 272 064

Source: 2078/92 statistical reports by Member State to EU Commission and national agricultural administrations

nd = no data available; 0 = no support scheme implemented

Data refer to 15.10 of each year unless indicated otherwise. Estimates shown in *italics*

¹ Own estimate based on 1996 values

² Data at 31.12

³ Own estimates based on three Ministry of Agriculture sources

⁴ Data at 15.4

Figure 4-1: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion land area (ha), total by year

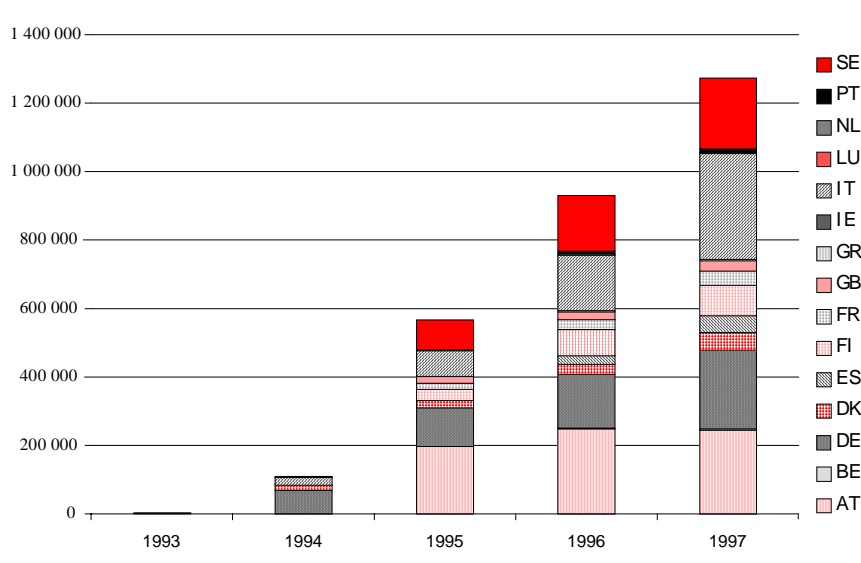


Figure 4-2: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion land area (ha), by country and year

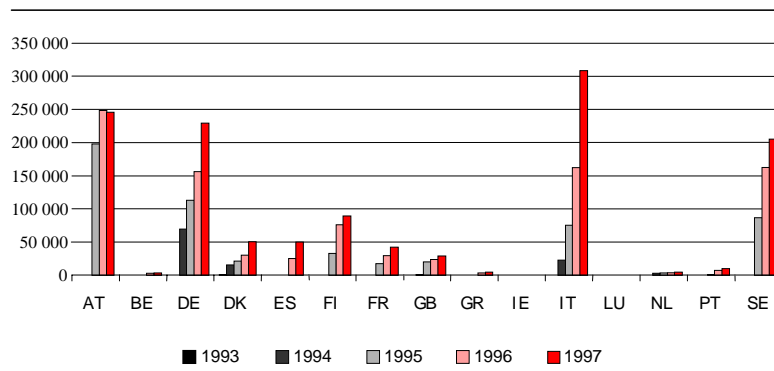


Table 4-2 shows the total land area supported by all agri-environment programme (EC Reg. 2078/92) measures, while Table 4-3 and Figure 4-3 show the organic and in-conversion supported land area (Table 4-1) as a percentage of the total agri-environment programme supported land in each year. Double counting exists where schemes are combinable. For some countries, double counting with respect to basic payments has been excluded – these cases are indicated in the footnotes.

Table 4-2: *Total agri-environment programme (EC Reg. 2078/92) supported land area (ha)*

	1993	1994	1995	1996	1997
AT ^{1,2}	0	0	2 960 621	3 212 862	3 200 000 ³
BE	0	0	0	12 879	18 959
DE ¹	0	4 527 108	4 961 851	5 247 266	5 509 111
DK	920	35 023	64 749	86 752	107 309
ES ²	0	0	0	550 000 ⁴	827 000 ⁴
FI ⁵	0	0	1 861 530	1 987 906	1 994 251
FR	nd	4 993 808	6 802 828	5 657 643	6 870 072
GB	154 255	386 442	531 588	1 208 923	1 408 818
GR	0	0	5 895	12 303	34 803
IE	0	0	198 377	652 347	961 068
IT ²	0	102 942	706 041	1 024 608	1 612 126
LU	0	0	0	0	94 392
NL	19 127	22 556	26 212	36 142	32 760
PT ^{2,5}	0	129 253	483 080	517 061	547 544
SE ²	0	0	710 000 ⁶	1 600 000 ⁶	1 760 000 ⁶
EU 15	174 302	10 197 132	19 312 772	21 806 692	24 978 213

Source: 2078/92 statistical reports by Member State to EU Commission and national agricultural administrations

- nd = no data, 0 = no scheme implemented, estimates shown in *italics*
- ¹ Excluding basic payments agreements to reduce double counting
 - ² Data at 31.12
 - ³ Own estimate based on 1996 values
 - ⁴ Own estimates based on three Ministry of Agriculture sources
 - ⁵ Mainland only
 - ⁶ Estimate based on differing Swedish Board of Agriculture sources

Table 4-3: *Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion land as % of total agri-environment programme supported land*

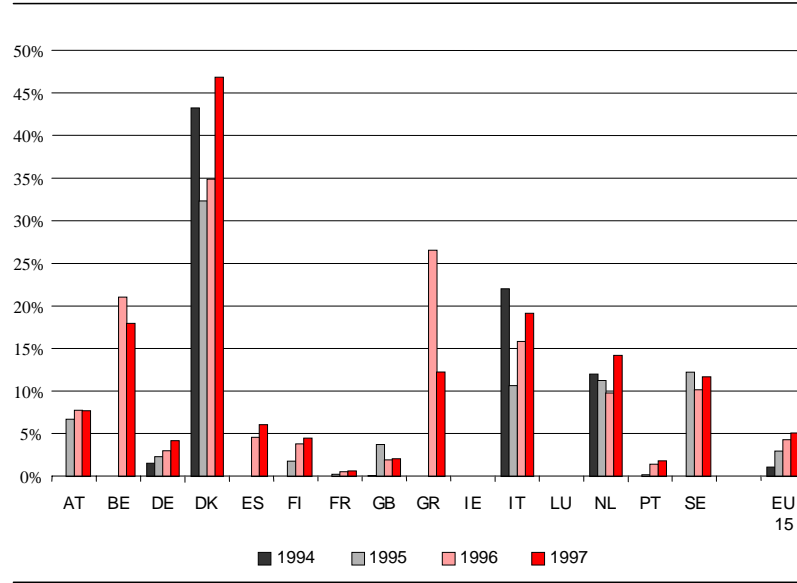
	1993	1994	1995	1996	1997
AT	na	na	6.69%	7.73%	7.69%
BE	na	na	na	21.03%	17.94%
DE	na	1.53%	2.27%	2.98%	4.17%
DK	100% ¹	43.27%	32.33%	34.86%	46.86%
ES	na	na	na	4.55%	6.05%
FI	na	na	1.77%	3.82%	4.48%
FR	nd	na	0.25%	0.52%	0.61%
GB	na	0.04%	3.71%	1.92%	2.07%
GR	na	na	na	26.50%	12.24%
IE	nd	nd	nd	nd	nd
IT	na	22.0%	10.64%	15.83%	19.13%
LU	na	na	na	na	na
NL	na	11.98%	11.22%	9.80%	14.16%
PT	na	na	0.19%	1.41%	1.82%
SE	na	na	12.23%	10.14%	11.66%
EU 15	0.53%	1.08%	2.94%	4.26%	5.09%

Source: based on 2078/92 statistical reports by Member State to EU Commission and data from national agricultural administrations

nd = no data; na = not applicable as support scheme not implemented

¹ Organic farming scheme only agri-environment scheme implemented in 1993

Figure 4-3: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion land as % of total agri-environment programme supported land



5 Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion holdings

Table 5-1, Figure 5-1 and Figure 5-2 show the number of organic and in-conversion holdings supported under the agri-environment programme (EC Reg. 2078/92). In most countries, only certified organic and in-conversion holdings qualify for such payments, but not all certified holdings are necessarily eligible or entered for support. However, for those countries where certification is not a requirement (SE and some regions in DE and IT) the data include both certified and uncertified holdings (see Section 9).

Table 5-1: *Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion holdings (n)*

	1993	1994	1995	1996	1997
AT ²	0	0	15 917	18 322	18 500 ^a
BE	0	0	0	107	145
DE	0	3 379	5 588	6 510	8 422
DK	82	535	706	1 254	1 452
ES ²	0	0	0	688	1 500 ^b
FI	0	0	2 216 ^c	4 065	4 161
FR	0	0	639	1 184	1 554
GB	0	5	94	162	296
GR	0	0	0	689	889
IE	nd	nd	nd	nd	nd
IT ²	0	1 613	4 815	9 304	17 121
LU	0	0	0	0	0
NL	0	135 ^c	150	209 ^d	265
PT ²	0	0	166	173	226
SE ²	0	0	4 206	8 268	10 869
EU 15	82	5 667	34 497	50 935	65 400

Source: 2078/92 statistical reports by Member State to EU Commission

nd = no data available; 0 = no support scheme implemented

Data refer to 15.10 of each year unless indicated otherwise. Estimates shown in *italics*

¹ Own estimate based on 1996 values

² Data at 31.12

³ Own estimate based on three Ministry of Agriculture sources

⁴ Data at 15.4.

Figure 5-1: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion holdings (n), total by year

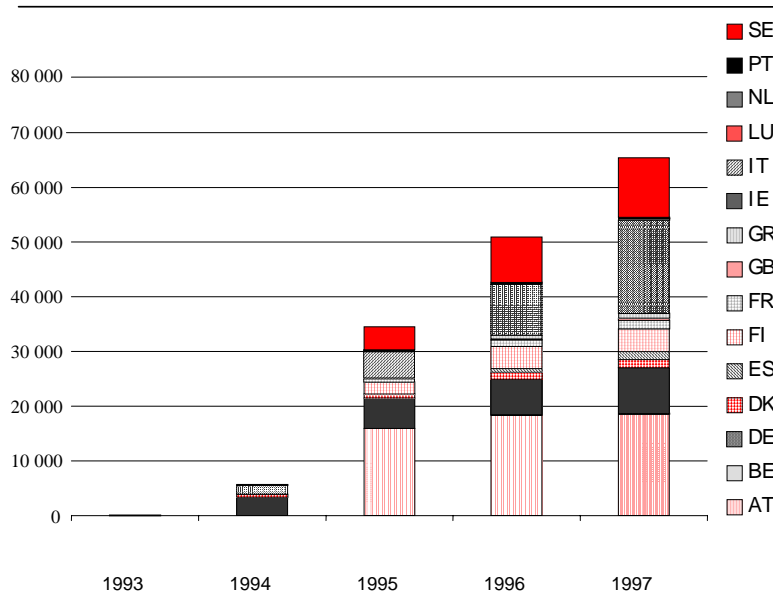


Figure 5-2: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion holdings (n), by country and year

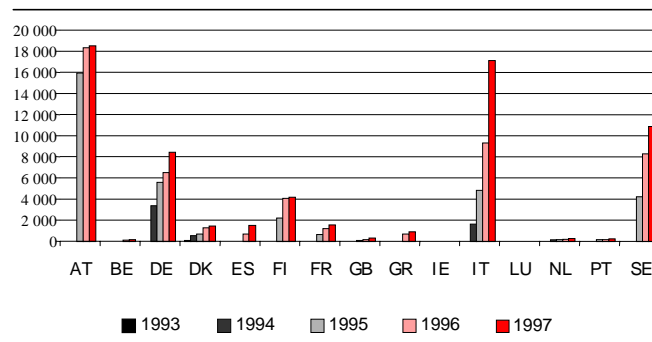


Table 5-2 shows the total number of agreements under the agri-environment programme (EC Reg. 2078/92) measures, while Table 5-3 and Figure 5-3 show the number of organic and in-conversion holdings supported (Table 5-1) as a percentage of the total agri-environment programme agreements in each year. It should be noted that as individual holdings can enter into more than one agreement, the number of agreements will be larger than the total number of holdings. Data on the latter are not available. For some countries, double counting with respect to basic payments has been excluded – these cases are indicated in the footnotes.

Table 5-2: Total agri-environment programme (EC Reg. 2078/92) agreements (n)

	1993	1994	1995	1996	1997
AT ^{1,2}	0	0	416 548	446 170	440 000 ³
BE	0	0	0	1 230	1 824
DE ¹	nd	321 095	460 019	489 960	559 223
DK	82	2 228	5 190	7 453	7 975
ES ²	nd	nd	nd	25 000 ⁴	30 000 ⁴
FI ⁵	0	0	86 107	89 548	89 328
FR	nd	124 041	146 219	173 835	166 837
GB	3 466	6 410	8 961	18 860	22 315
GR	0	0	51	1 839	2 399
IE	0	0	6 028	19 647	28 565
IT ²	0	14 255	49 884	77 190	121 706
LU	0	0	0	0	1 908
NL	3 701	3 803	4 143	6 819	7 391
PT ^{5,2}	0	nd	nd	121 712	132 924
SE ²	0	0	34 000 ⁶	71 000 ⁶	75 000 ⁶
EU 15	7 249	471 832	1 217 150	1 550 263	1 687 395

Source: 2078/92 statistical reports by Member State to EU Commission and national agricultural administrations

nd = no data, 0 = no scheme implemented, estimates shown in *italics*

¹ Excluding basic payments agreements to reduce double counting

² Data at 31.12

³ Own estimate based on 1996 values

⁴ Own estimates based on three Ministry of Agriculture sources

⁵ Mainland only

⁶ Estimates based on differing Swedish Board of Agriculture Sources

Table 5-3: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion holdings as % of total agri-environment programme agreements

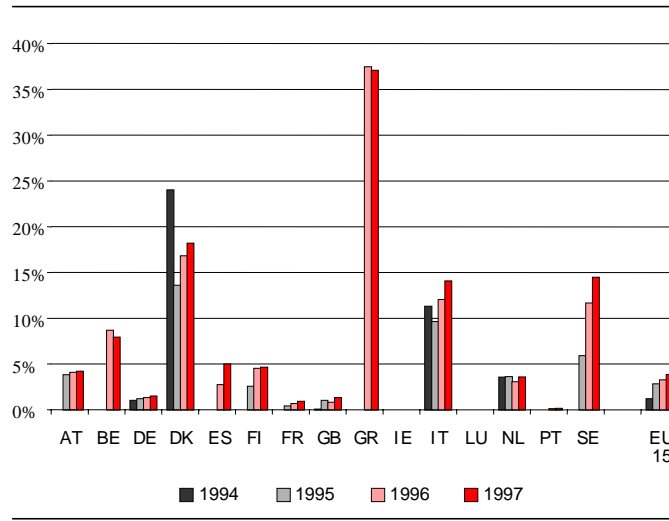
	1993	1994	1995	1996	1997
AT	na	na	3.82%	4.11%	4.20%
BE	na	na	na	8.70%	7.95%
DE	na	1.05%	1.21%	1.33%	1.51%
DK	100% ¹	24.01%	13.60%	16.83%	18.21%
ES	na	na	na	2.75%	5.00%
FI	na	na	2.57%	4.54%	4.66%
FR	na	na	0.44%	0.68%	0.93%
GB	na	0.08%	1.05%	0.86%	1.33%
GR	na	na	na	37.47%	37.06%
IE	nd	nd	nd	nd	nd
IT	na	11.32%	9.65%	12.05%	14.07%
LU	na	na	na	na	na
NL	na	3.55%	3.62%	3.06%	3.59%
PT	na	na	nd	0.14%	0.17%
SE	na	na	5.92%	11.65%	14.49%
EU 15	1.13%	1.20%	2.83%	3.29%	3.88%

Source: based on 2078/92 statistical reports by Member State to EU Commission and national agricultural administrations

nd = no data; na = not applicable as support scheme not implemented

¹ Organic farming scheme was the only 2078/92 scheme implemented in 1993

Figure 5-3: Agri-environment programme (EC Reg. 2078/92) supported organic and in-conversion holdings as % of total agri-environment programme agreements



6 Total policy-supported organic and in-conversion land area

In addition to the land area supported under the agri-environment programme (EC Reg. 2078/92) (see Section 4), organic farming has also been supported:

- under the EU extensification programme (EC Reg. 4115/88) in DE, FR and LU;
- by national programmes in DK before 1994 and in SE, FI and AT before EU accession in 1995; and
- by national programmes in the non-EU countries studied.

Table 6-1, Figure 6-1 and Figure 6-2 show the total organic and in-conversion land area supported by these different measures between 1993 and 1996. In most countries, only certified organic and in-conversion land area qualifies for such payments, but not all certified land is necessarily eligible or entered for support. However, for those countries where certification is or was not a requirement (SE and some regions in DE and IT) the data include both certified and uncertified land (see Section 8).

Table 6-1: Total policy-supported organic and in-conversion land area (ha)

	1993	1994	1995	1996
AT ¹	103 960	153 825	197 952	248 387
BE	0	0	0	2 709
DE	372 843 ²	445 267	461 549	475 746
DK	920	15 156	20 934	30 244
ES ¹	0	0	0	25 000 ³
FI	22 240 ¹	26 327 ¹	32 861 ¹	75 927
FR	0	0	16 946	29 278
GB	0	151	19 709	23 262
GR	0	0	0	3 260
IE	nd	nd	nd	nd
IT	0	22 651	75 148	162 186
LU	497 ²	519 ²	559 ²	559 ²
NL	0	2 703 ¹	2 941	3 542 ⁴
PT ¹	0	0	901	7297
SE ¹	7 916	6 930	86 824	162 312
CH ¹	18 908	21 223	28 350	53 982
CZ	0	0	0	0
NO ¹	nd	3 457	3 654	4 127
EU 15	508 376	673 529	916 324	1 249 709
ALL 18	527 284	698 209	948 328	1 307 818

Source: 2078/92 statistical reports by Member State to EU Commission and national agricultural administrations

Data refer to 15.10 of each year unless indicated otherwise.

nd = no data available; 0 = no support scheme implemented; estimates shown in *italics*

¹ Data at 31.12

² Extensification scheme land area only (EC Reg. 4115/88)

³ Own estimate based on three Ministry of Agriculture sources

⁴ Data at 15.04

Figure 6-1: Total policy-supported organic and in-conversion land area (ha), total by year

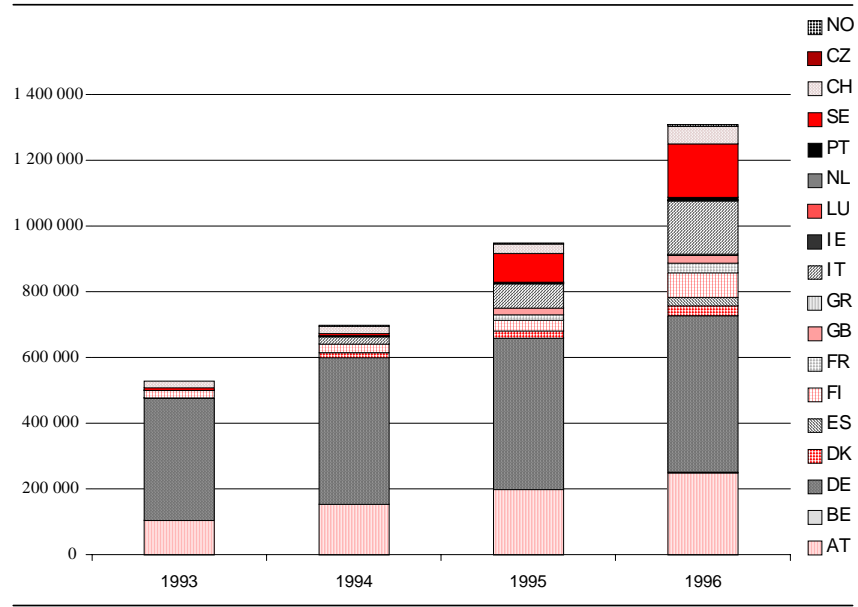
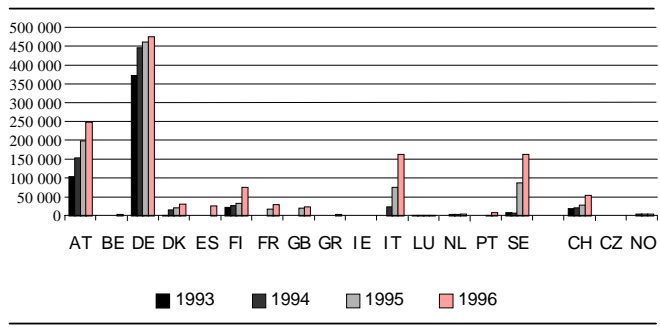


Figure 6-2: Total policy-supported organic and in-conversion land area (ha), by country and year



7 Total policy-supported organic and in-conversion holdings

In addition to the holdings supported under the agri-environment programme (EC Reg. 2078/92) (see Section 5), organic farming has also been supported:

- under the EU extensification programme (EC Reg. 4115/88) in DE, FR and LU;
- by national programmes in DK before 1994 and in SE, FI and AT before EU accession in 1995; and
- by national programmes in the non-EU countries studied.

Table 7-1, Figure 7-1 and Figure 7-2 show the total number of organic and in-conversion holdings supported by these different measures between 1993 and 1996. In most countries, only certified organic and in-conversion holdings qualify for such payments, but not all certified holdings are necessarily eligible or entered for support. However, for those countries where certification is or was not a requirement (SE and some regions in DE and IT) the data include both certified and uncertified holdings (see Section 8).

Table 7-1: Total policy-supported organic and in-conversion holdings (n)

	1993	1994	1995	1996
AT ¹	8 414	11 568	15 917	18 322
BE	0	0	0	107
DE	11 248 ²	14 727	15 055	14 106
DK	82	535	706	1 254
ES ¹	0	0	0	688
FI	1 350 ¹	1 531 ¹	2 216 ¹	4 065
FR	0	0	639	1 184
GB	0	5	94	162
GR	0	0	0	689
IE	nd	nd	nd	nd
IT	0	1 613	4 815	9 304
LU	9 ²	9 ²	9 ²	9 ²
NL	0	135 ¹	150	209 ³
PT ¹	0	0	166	173
SE ¹	390	386	4 206	8 268
CH ¹	1 228	1 359	1 916	3 389
CZ	0	0	0	0
NO ¹	467	500	611	844
EU 15	21 493	30 509	43 973	58 540
ALL 18	23 188	32 368	46 500	62 773

Source: 2078/92 statistical reports by Member State to EU Commission and national agricultural administrations

nd = no data available; 0 = no support scheme implemented

Data refer to number of agreements at 15.10 of each year unless indicated otherwise.

¹ Data at 31.12

² Extensification scheme holdings only (EC Reg. 4115/88)

³ Data at 15.04

Figure 7-1: Total policy-supported organic and in-conversion holdings (n), total by year

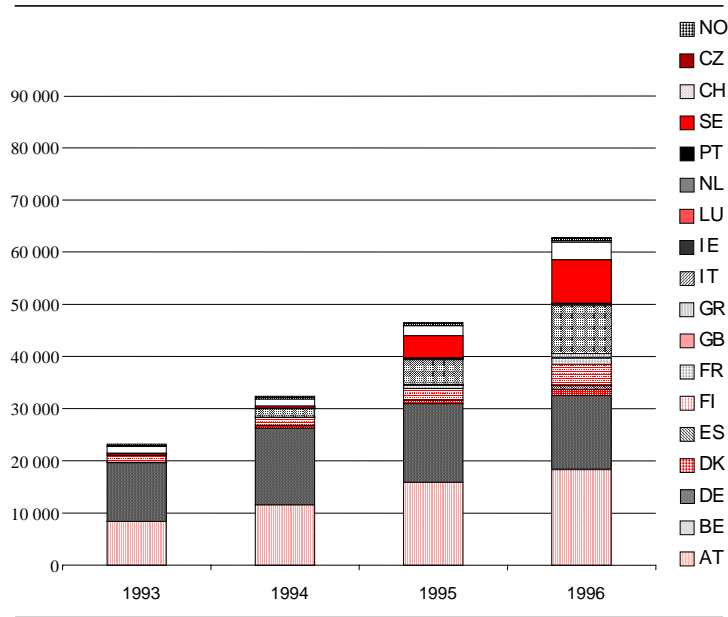
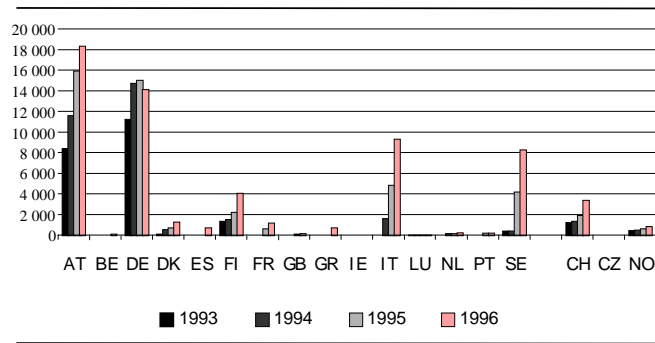


Figure 7-2: Total policy-supported organic and in-conversion holdings (n), by country and year



8 Total certified and policy-supported organic and in-conversion land area

Table 8-1, Figure 8-1 and Figure 8-2 provide an overview of the total certified and policy-supported organic and in-conversion land area. In all cases except for Sweden and Germany, the data presented here correspond to the certified land area in Table 2-1 as all policy-supported land is also certified.

In Sweden (1995 and 1996) and Germany however, where certification is not always a requirement of policy support, no reliable data on the policy-supported land that is uncertified exist. In these cases, the total policy-supported area from Table 6-1 has been used, assuming that almost all certified land is policy-supported and that therefore the policy-supported area represents a reasonable estimate of the total certified and policy-supported area. Data for uncertified policy-supported land for 1993 and 1994 in Sweden are however available and have therefore been combined with the certified area to form the totals for these two years. Although certification is also not a requirement of policy support in all regions of Italy, it is not possible to identify the prevalence of uncertified in the policy-supported land area; the certified area as the larger of two figures has therefore been included.

Table 8-1: Total certified and policy-supported organic and in-conversion land area (ha)

	1993	1994	1995	1996
AT	135 982	192 337	335 865	309 089
BE	2 179	2 683	3 385	4 261
DE	372 843 ¹	445 267	461 549	475 746
DK	20 093	21 145	40 884	46 171
ES	11 675	17 209	24 079	103 735
FI	20 340	25 822	44 695	84 555
FR	87 829	94 806	118 393	137 084
GB	30 992	32 476	48 448	49 535
GR	591	1 188	2 401	5 269
IE	5 460	5 390	12 634	20 496
IT	88 437	154 120 ²	204 494 ²	334 176 ²
LU	497	538	571	594
NL	10 354	10 975	11 486	12 385
PT	3 060 ²	7 267	10 719	9 191
SE	44 543	54 851	86 824	162 312
CH	20 784	25 230 ²	31 815 ²	58 741
CZ	15 667	15 818	14 127	17 022
NO	3 778	4 520	5 768	7 897
EU 15	834 875	1 066 074	1 406 427	1 754 599
ALL 18	875 104	1 111 642	1 458 137	1 838 259

Source: Own data collected from national agricultural administrations and certification bodies and 2078/92 statistical reports by Member State to EU Commission

¹ Extensification scheme land area only (EC Reg. 4115/88)

² Subcontractor estimate

Figure 8-1: Total certified and policy-supported organic and in-conversion land area (ha), total by year

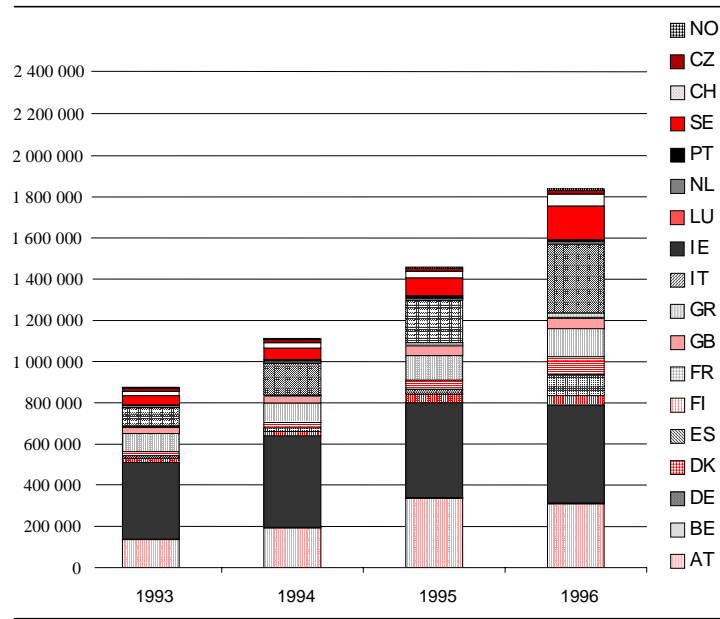


Figure 8-2: Total certified and policy-supported organic and in-conversion land area (ha), by country and year

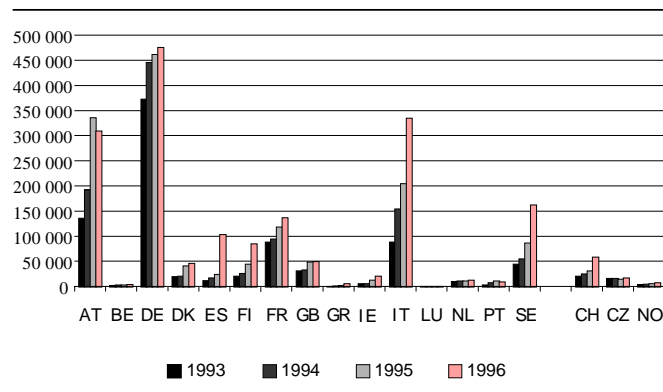


Table 8-2 and Figure 8-3 show the total certified and policy-supported organic and in-conversion land area from Table 8-1 as a percentage of the total utilisable agricultural area (UAA) in each country in 1995. 1995 is the most recent year for which total UAA data for most countries are available. Where 1995 data is not available, total UAA for other years has been used.

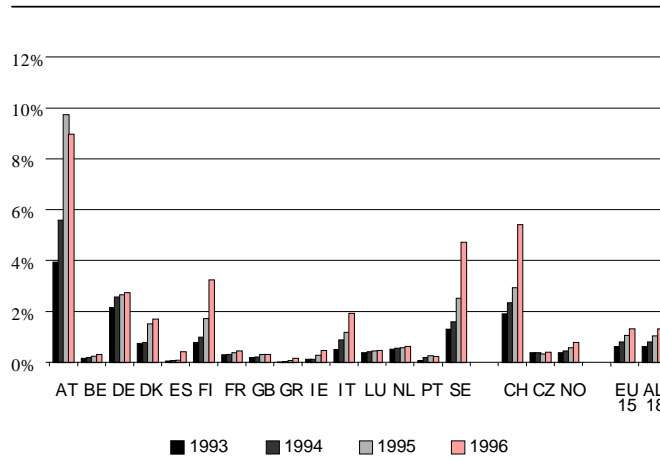
Table 8-2: *Certified and policy-supported organic and in-conversion land area as % of 1995 total utilisable agricultural area (ha)*

	1993	1994	1995	1996	Total UAA (1995) 1000 ha
AT	3.94%	5.58%	9.74%	8.96%	3 449
BE	0.16%	0.20%	0.25%	0.31%	1 366
DE	2.15%	2.57%	2.66%	2.74%	17 344
DK	0.74%	0.78%	1.51%	1.70%	2 715
ES	0.05%	0.07%	0.10%	0.41%	25 092
FI	0.78%	0.99%	1.72%	3.25%	2 605
FR	0.29%	0.31%	0.39%	0.45%	30 277
GB	0.20%	0.20%	0.31%	0.31%	15 852
GR	0.02%	0.03%	0.07%	0.15%	3 490 ¹
IE	0.12%	0.12%	0.28%	0.46%	4 444 ²
IT	0.51%	0.89%	1.18%	1.93%	17 294 ³
LU	0.39%	0.42%	0.45%	0.47%	127
NL	0.52%	0.55%	0.58%	0.63%	1 981
PT	0.08%	0.18%	0.27%	0.23%	3 981
SE	1.30%	1.60%	2.53%	4.72%	3 438 ⁴
CH	1.92%	2.33%	2.94%	5.42%	1 083 ¹
CZ	0.38%	0.38%	0.34%	0.41%	4 166
NO	0.38%	0.45%	0.57%	0.79%	1 005 ¹
EU 15	0.63%	0.80%	1.05%	1.31%	133 455
ALL 18	0.63%	0.80%	1.04%	1.32%	139 709

Source: Own data and Agricultural Situation in the European Union, 1996 (Eurostat)

- ¹ 1996 UAA
- ² 1991 UAA
- ³ 1989 UAA
- ⁴ 1994 UAA

Figure 8-3: Certified and policy-supported organic and in-conversion land area as % of 1995 total utilisable agricultural area (ha)



9 Total certified and policy-supported organic and in-conversion holdings

Table 9-1, Figure 9-1 and Figure 9-2 provide an overview of the total number of certified and policy-supported organic and in-conversion holdings. In all cases except for Sweden and Germany, the data here correspond to the certified holdings in Table 3-1 as all policy-supported holdings are also certified.

In Sweden (1995 and 1996) and Germany however, where certification is not always a requirement of policy support, no reliable data on the policy-supported production that is uncertified exist. In these cases the total number of policy-supported holdings from Table 7-1 has been used, assuming that almost all holdings that are policy-supported are also certified and the number of policy-supported holdings represents a reasonable estimate of the total. Data for uncertified policy-supported holdings for 1993 and 1994 in Sweden are however available and have therefore been combined with the certified holdings to form the totals for these two years. Although certification is also not a requirement of policy support in all regions of Italy, it is not possible to identify the prevalence of uncertified in the policy-supported holdings; certified holdings as the larger of two figures have therefore been included.

Table 9-1: Total certified and policy-supported organic and in-conversion holdings (n)

	1993	1994	1995	1996
AT	9 713	13 321	18 542	19 433
BE	160	168	193	228
DE	11 248 ¹	14 727	15 055	14 106
DK	640	677	1 050	1 166
ES	753	909	1 042	2 161
FI	1 599	1 818	2 793	4 452
FR	3 231	3 556	3 538	3 854
GB	655	715	828	865
GR	165	469	568	1 065
IE	162	198	378	696
IT	4 656	8 597 ²	10 630 ²	17 279 ²
LU	12	12	19	20
NL	455	512	561	656
PT	90	213	331	250
SE	1 876	2 061	4 206	8 268
CH	1 405	1 630	2 121	3 721
CZ	141	187	176	192
NO	501	551	728	946
EU 15	35 415	47 953	59 734	74 499
ALL 18	37 462	50 321	62 759	79 358

Source: Own data collected from national agricultural administrations and certification bodies and 2078/92 statistical reports by Member State to EU Commission

¹ Extensification scheme holdings only (EC Reg. 4115/88)
² Subcontractor estimate

Figure 9-1: Total certified and policy-supported organic and in-conversion holdings (n), total by year

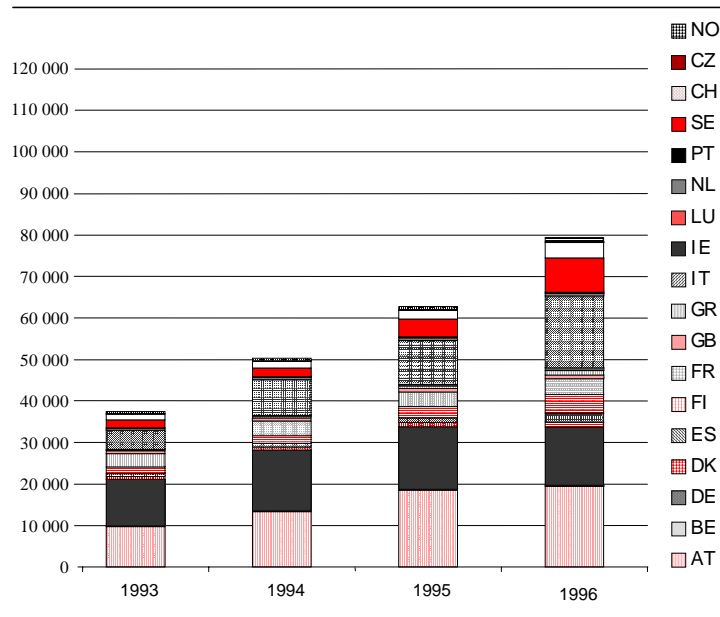


Figure 9-2: Total certified and policy-supported organic and in-conversion holdings (n), by country and year

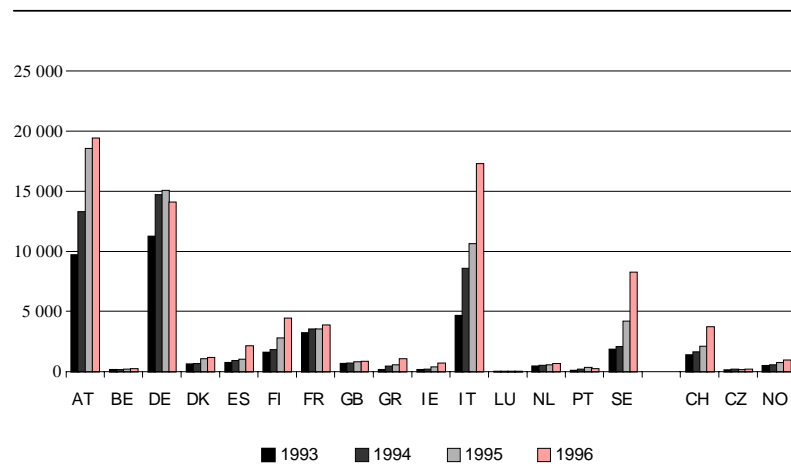


Table 9-2 and Figure 9-1 show the total certified and policy-supported organic and in-conversion holdings from Table 9-1 as a percentage of the total holdings in each country in 1993. 1993 is the most recent year for which total agricultural holdings data for most countries are available. Where 1993 data is not available total holdings for other years have been given.

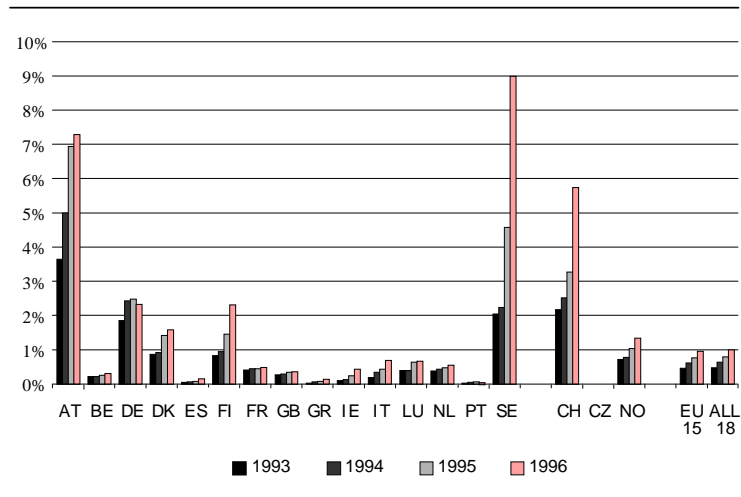
Table 9-2: *Certified and policy-supported organic and in-conversion holdings as % of 1993 total agricultural holdings*

	1993	1994	1995	1996	Total 1993 holdings 1 000 n
AT	3.64%	4.99%	6.94%	7.28%	267
BE	0.21%	0.22%	0.25%	0.30%	76
DE	1.86%	2.43%	2.48%	2.33%	606
DK	0.86%	0.91%	1.42%	1.58%	74
ES	0.05%	0.07%	0.08%	0.16%	1 384
FI	0.83%	0.95%	1.45%	2.32%	192
FR	0.40%	0.44%	0.44%	0.48%	801
GB	0.27%	0.29%	0.34%	0.35%	244
GR	0.02%	0.06%	0.07%	0.13%	819
IE	0.10%	0.12%	0.24%	0.44%	159
IT	0.19%	0.35%	0.43%	0.69%	2 488
LU	0.40%	0.40%	0.63%	0.67%	3
NL	0.38%	0.43%	0.47%	0.55%	120
PT	0.02%	0.04%	0.07%	0.05%	489
SE	2.04%	2.24%	4.57%	8.99%	92
CH	2.17%	2.51%	3.27%	5.74%	65 ¹
CZ	nd	nd	nd	nd	nd
NO	0.71%	0.78%	1.03%	1.34%	71 ¹
EU 15	0.45%	0.61%	0.76%	0.95%	7 814
ALL 18	0.47%	0.63%	0.79%	1.00%	7 949

Source: Own data and Agricultural Situation in the European Union, 1996 (Eurostat)

¹ 1996 agricultural holdings

Figure 9-3: Certified and policy-supported organic and in-conversion holdings as % of 1993 total agricultural holdings



Part B Organic stocking and land use

Part B contains a breakdown of stocking and land use by commodity. The data are presented in four main sections: Livestock, including milk (Section 10), arable crops, including cereals, pulses, oilseeds and root crops (Section 11), horticulture, including vegetables, perennial and fruit crops (Section 12) and grassland and fodder crops (Section 13). Section 14 shows the distribution of certified organic and in-conversion land area by crop type in 1996. Data normally refer to certified organic but in some cases in-conversion livestock and crops have been included and cannot be differentiated.

There are no official reporting requirements for such data and availability and quality varies considerably between countries. One of the main reasons for this is the lack of resources of the inspection/certification bodies, many of which do not have the facilities or manpower to isolate and record such data separately. Availability of data can also vary within countries where, for example, data may only have been supplied by the larger certification bodies or from certification bodies representing only one region. As far as possible, this has been indicated by the use of footnotes. Due to the existing gaps in the data no totals for the EU or for all 18 study countries have been presented. The authors hope that some missing data can be included in the updates to this report for 1997 and 1998.

A number of the tables in Section 10 show organic as a percentage of total livestock in those countries where data are available. At more than 10%, Austria has the highest share of certified organic dairy and other cattle, with BE, FI, FR, GB, LU and NL all less than 0.5%. Organic pig and sheep production is again most widespread in Austria where 1.08% of pigs are managed organically compared to less than 0.3% in the other countries (BE, DK, FI, FR, GB, LU, SE) and just over 29% of sheep are organic compared to 9% in Denmark, 5.5% in Sweden and 2.6% in Finland. Although few data are available, organic goats account for 10% of total goats in Sweden, 5.5% in the Netherlands and 3% in Belgium.

In 1996, total organic arable land area covered 295 000 ha in the EU and almost 300 000 ha in all 18 study countries. These figures represent around 18% of total organic and in-conversion land area, with BE, DE, DK, FR, LU, NL, SE the highest at between 20 and 30% and Austria the lowest at 10.31%. When the non-EU countries are included, Switzerland is the lowest at 5.23% with no data available for Ireland and the Czech Republic.

Total horticulture in the EU covered an area of just under 130 000 ha in 1996 (8.2% of total organic and in-conversion area) and just over 130 000 ha in all 18 study countries (7.8%). As a percentage of total organic and in-conversion land area, organic horticulture is highest in the Mediterranean countries with Greece at 79%, Portugal at 69%, Spain at 21% and Italy at 19%. Austria is the lowest at 0.2%, but this figure represents perennial crops only.

Organically managed grassland (including fodder crops) made up the largest share of total organic and in-conversion land area with 55% in the EU and 56% in all 18 study countries in 1996. The country with the largest share of organically managed grassland was Switzerland at 91%, followed by Norway at 89% and the United Kingdom at 79%.

10 Certified livestock

Table 10-1: Certified dairy cows (n)

	1993	1994	1995	1996	Total end 1994 (1 000 head) ⁴	1996 as % of end 1994 total
AT	nd	nd	nd	87 068	705	12.35%
BE ¹	nd	nd	1 034	1 197	680	0.18%
DE ²	nd	nd	55 427	nd	5 229	nd
DK	8 272	8 624	20 368	21 417	714	3.00%
ES	102	nd	nd	nd	1 213	nd
FI	nd	nd	nd	1 187	402	0.30%
FR	nd	nd	9 500	13 655	4 672	0.29%
GB	2 353	2 184	2 504	3 436	2 656	0.13%
GR ³	na	na	na	na	185	na
IE	nd	nd	nd	nd	1 267	nd
IT	nd	nd	nd	nd	2 158	nd
LU	193	196	187	199	48	0.41%
NL	nd	4 034	4 951	4 113	1 778	0.23%
PT	nd	nd	nd	nd	366	nd
SE	nd	nd	nd	11 814	481	2.46%
CH	10 509	nd	nd	32 504	nd	nd
CZ	nd	1 212	2 441	1 804	nd	nd
NO	294	437	572	766	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable

¹ BE: Flanders not included

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

⁴ Source: Agricultural Situation in the European Union, 1996 (Eurostat)

B Stocking and land use

Table 10-2: Certified milk (t)

	1993	1994	1995	1996
AT	nd	nd	nd	353 771
BE ¹	nd	nd	3 911	4 680
DE ²	nd	nd	<i>250 000</i>	nd
DK	<i>33 000</i>	<i>39 000</i>	<i>49 000</i>	<i>81 000</i>
ES	nd	nd	nd	nd
FI	nd	nd	nd	5 000
FR	nd	nd	41 000	58 644
GB	nd	nd	nd	<i>15 000</i>
GR ³	na	na	na	na
IE	nd	nd	nd	nd
IT	nd	nd	nd	nd
LU	nd	nd	nd	nd
NL	nd	nd	nd	26 735
PT	nd	nd	nd	nd
SE	nd	nd	nd	nd
CH	36 645	nd	nd	123 000
CZ	nd	1 212	2 441	1 804
NO	nd	nd	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable, estimates shown in *italics*

¹ BE: Flanders not included; 1995 figure applies to 977 of 1034 registered dairy cows; 1996 figure applies to 1127 of 1197 registered dairy cows

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

B Stocking and land use

Table 10-3: Certified other cattle (n)

	1993	1994	1995	1996	Total end 1995 (1 000 head) ⁴	1996 as % of end 1995 total
AT	nd	nd	nd	251 099	2 323	10.81%
BE ¹	nd	nd	156	566	3 147	0.02%
DE ²	nd	nd	41 742	nd	15 890	nd
DK	10 095	10 854	23 290	24 292	2 094	1.16%
ES	751	nd	nd	nd	5 432	nd
FI	nd	nd	nd	1 606	1 179	0.14%
FR	nd	nd	5 637	10 178	20 662	0.05%
GB	8 932	9 087	9 367	10 535	11 673	0.09%
GR ³	na	na	na	na	550	na
IE	nd	nd	nd	nd	6 531	nd
IT	nd	nd	nd	nd	7 128	nd
LU	412	416	447	456	204	0.22%
NL	nd	1 180	nd	1 028	4 558	0.02%
PT	nd	nd	nd	nd	1 317	nd
SE	nd	nd	nd	8 654	1 762	0.49%
CH	4 097	nd	nd	16 343	nd	nd
CZ	nd	84	21	290	nd	nd
NO	937	1 194	1 324	1 478	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable

¹ BE: Flanders not included

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

⁴ Source: Agricultural Situation in the European Union, 1996 (Eurostat)

B Stocking and land use

Table 10-4: Certified pigs (n)

	1993	1994	1995	1996	Total end 1995 (1 000 head) ⁴	1996 as % of end 1995 total
AT	nd	nd	nd	39 820	3 703	1.08%
BE ¹	nd	nd	92	196	7 215	0.003%
DE ²	nd	nd	23 293	nd	23 737	nd
DK	7 701	8 727	13 032	19 550	10 709	0.18%
ES	10	nd	nd	nd	17 583	nd
FI	nd	nd	nd	2 268	1 395	0.16%
FR	nd	nd	nd	6 322	14 524	0.04%
GB	2 078	3 370	5 581	6 805	7 203	0.09%
GR ³	na	na	na	na	936	na
IE	nd	nd	nd	nd	1 542	nd
IT	nd	nd	nd	nd	7 964	nd
LU	26	26	27	16	68	0.02%
NL	nd	2 652	nd	nd	13 958	nd
PT	nd	nd	nd	nd	2 400	nd
SE	nd	nd	nd	6 554	2 331	0.28%
CH	4 634	nd	nd	23 643	nd	nd
CZ	nd	20	19	30	nd	nd
NO	56	69	73	131	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable

¹ BE: Flanders not included

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

⁴ Source: Agricultural Situation in the European Union, 1996 (Eurostat)

B Stocking and land use

Table 10-5: Certified poultry (n)

	1993	1994	1995	1996
AT	nd	nd	nd	269 823
BE ¹	nd	nd	10 950	12 130
DE ²	nd	nd	262 371	nd
DK	52 996	69 650	237 449	313 686
ES	335	nd	nd	nd
FI	nd	nd	nd	3 491
FR	nd	nd	103 162	135 762
GB	2 906	5 311	22 952	88 668
GR ³	na	na	na	na
IE	nd	nd	nd	nd
IT	nd	nd	nd	nd
LU	5 453	5 344	5 202	1 195
NL	nd	24 400	43 645	65 913
PT	nd	nd	nd	nd
SE	nd	nd	nd	55 297
CH	32 832	nd	nd	60 363
CZ	nd	nd	nd	nd
NO	1 811	1 852	1 687	1 160

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable

¹ BE: Flanders not included

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

B Stocking and land use

Table 10-6: Certified sheep (n)

	1993	1994	1995	1996	Total end 1994 (1 000 head) ⁴	1996 as % of end 1994 total
AT	nd	nd	nd	99 275	342	29.03%
BE ¹	nd	nd	286	468	119	0.39%
DE ²	nd	nd	54 379	nd	2 340	nd
DK	4 524	4 671	5 890	7 144	79	9.04%
ES	398	nd	nd	nd	23 018	nd
FI	nd	nd	nd	2 072	80	2.59%
FR	nd	nd	3 831	8 402	10 320	0.08%
GB	39 681	31 599	31 558	36 231	29 484	0.12%
GR ³	na	na	na	na	9 232	na
IE	nd	nd	nd	nd	5 772	nd
IT	nd	nd	nd	nd	10 681	nd
LU	21	20	71	82	6	1.37%
NL	nd	5 130	nd	7 073	1 280	0.55%
PT	nd	nd	nd	nd	3 416	nd
SE	nd	nd	nd	26 652	483	5.52%
CH	5 835	nd	nd	19 610	nd	nd
CZ	nd	210	545	321	nd	nd
NO	7 102	10 064	10 628	13 291	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable

¹ BE: Flanders not included

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

⁴ Source: Agricultural Situation in the European Union, 1996 (Eurostat)

B Stocking and land use

Table 10-7: Certified goats (n)

	1993	1994	1995	1996	Total end 1994 (1 000 head) ⁴	1996 as % of end 1994 total
AT	nd	nd	nd	nd	50	nd
BE ¹	nd	nd	68	242	8	3.03%
DE ²	nd	nd	6 437	nd	89	nd
DK	1 078	950	1 109	860	0	-
ES	373	nd	nd	nd	2 964	nd
FI	nd	nd	nd	22	5	0.44%
FR	nd	nd	nd	nd	1 068	nd
GB	143	78	100	135	90	0.15%
GR ³	na	na	na	na	5 556	na
IE	nd	nd	nd	nd	0	nd
IT	nd	nd	nd	nd	1 448	nd
LU	0	1	1	1	0	-
NL	nd	3 436	nd	3 988	73	5.46%
PT	nd	nd	nd	nd	819	nd
SE	nd	nd	nd	521	5	10.42%
CH	1 523	nd	nd	3 771	nd	nd
CZ	nd	880	800	884	nd	nd
NO	202	279	411	428	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data, na = not applicable

¹ BE: Flanders not included

² DE: AGÖL enterprises only

³ GR: No certified organic livestock

⁴ Source: Agricultural Situation in the European Union, 1996 (Eurostat)

11 Certified arable crops

Table 11-1: Total certified arable crops (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	31 882
BE	nd	nd	1 234	1 214
DE ¹	nd	nd	87 619	90 688
DK	nd	6 409	12 421	13 540
ES ³	2 129	4 677 ²	7 376	11 829
FI	3 851	7 063	8 809	11 569
FR ³	nd	nd	29 868	33 826
GB	3 265	3 670	4 730	5 639
GR	6 ⁴	51	117	625
IE	nd	nd	nd	nd
IT	nd	nd	nd	62 414
LU	123	133	118	136
NL	nd	2 600 ⁴	3 517	3 217
PT ⁴	nd	645	1 052	1 443
SE	nd	nd	nd	27 199
CH	1 590	2 084	nd	3 075
CZ	nd	nd	nd	nd
NO	323	372	394	646

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ DE: AGÖL enterprises only; pulses not included

² ES: Andalusia and C. Valenciana not included in 1994

³ Root crops not included

⁴ Cereals only

B Stocking and land use

Table 11-2: Certified cereals (ha)

	1993	1994	1995	1996	Total end 1995 (1000 ha) ^{3, 4}	1996 as % of end 1995 total
AT	nd	nd	nd	24 257	823	2.95%
BE	nd	nd	nd	nd	310	nd
DE ¹	nd	nd	81 335	81 270	6 535	1.24%
DK	nd	4 927	10 132	11 166	1 454	0.77%
ES	1 493	3 965 ²	nd	nd	6 572	nd
FI	3 583	6 586	8 157	10 620	947	1.12%
FR	14 043	nd	nd	nd	8 186	nd
GB	2 785	2 955	4 076	4 987	3 181	0.16%
GR	6	43	100	603	1 167	0.05%
IE	nd	nd	nd	nd	272	nd
IT	nd	nd	nd	48 438	3 984	1.22%
LU	101	113	97	117	41	0.29%
NL	nd	2 600	2 363	2 135	199	1.07%
PT	nd	645	1 052	1 443	601	0.24%
SE	nd	nd	nd	23 518	1 103	2.13%
CH	1 320	1 767	nd	2 602	nd	nd
CZ	nd	nd	nd	nd	nd	nd
NO	221	273	283	505	nd	nd

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ DE: AGÖL enterprises only

² ES: Andalucía and Comunidad Valenciana not included in 1994 figure

³ Excluding rice

⁴ Source: Agricultural Situation in the European Union, 1996 (Eurostat)

B Stocking and land use

Table 11-3: Certified pulses (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	2 836
BE	nd	nd	nd	nd
DE ¹	nd	nd	nd	nd
DK	nd	443	762	797
ES ²	636	712 ³	nd	nd
FI	nd	78	129	172
FR	nd	nd	9 865	11 516
GB	81	273	180	216
GR	0	7	17	22
IE	nd	nd	nd	nd
IT	nd	nd	nd	6 415
LU	9	10	10	5
NL	nd	nd	102	122
PT	0	0	0	0
SE	nd	nd	nd	1 998
CH	55	56	nd	109
CZ	nd	nd	nd	nd
NO	0	0	0	0

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ DE: AGÖL enterprises only

² ES: Includes oilseeds and fodder crops

³ ES: Andalucía and C. Valenciana not included in 1994

B Stocking and land use

Table 11-4: Certified oilseeds (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	3 106
BE	nd	nd	nd	nd
DE ¹	nd	nd	2 248	4 927
DK	nd	766	1 009	995
ES ²	nd	nd	nd	nd
FI	nd	25	99	311
FR	nd	nd	nd	nd
GB	18	50	114	151
GR	0	1	0	0
IE	nd	nd	nd	nd
IT	nd	nd	nd	6 523
LU	0	0	0	0
NL	nd	nd	254	182
PT	0	0	0	0
SE	nd	nd	nd	537
CH	20	24	nd	35
CZ	nd	nd	nd	nd
NO	0	0	0	0

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ DE: AGÖL enterprises only

² ES: Oilseeds included in Table 11-3

B Stocking and land use

Table 11-5: Certified root crops (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	1 683
BE	nd	nd	nd	nd
DE ¹	nd	nd	4 036	4 491
DK	nd	273	518	582
ES ²	nd	nd	nd	nd
FI	268	374	424	466
FR ²	nd	nd	nd	nd
GB	153	159	297	254
GR	0	0	0	0
IE	nd	nd	nd	nd
IT	nd	nd	nd	1 038
LU	13	10	11	14
NL	nd	nd	798	778
PT	0	0	0	0
SE	nd	nd	nd	1 146
CH	195	237	nd	329
CZ	nd	nd	nd	nd
NO	102	99	111	141

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ DE: AGÖL enterprises only

² ES, FR: Root crops included in Table 12-2

12 Certified horticulture

Table 12-1: Total certified horticultural crops (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	631 ¹
BE	48 ²	340	362	430
DE ³	nd	nd	8 114	6 560
DK	nd	611	755	934
ES	6 031	2 741 ⁴	11 455	21 607
FI	272	418	475	547
FR	8 027 ⁵	nd	19 011	21 574
GB	696	701	891	1 069
GR	544	683	2 016	4 156
IE	nd	nd	nd	nd
IT	nd	nd	nd	63 641
LU	3	5	7	7
NL	nd	nd	1 182	1 296
PT	nd	5 744	7 945	6 326
SE	nd	nd	nd	866
CH	144 ⁵	651	nd	846
CZ	nd	nd	nd	nd
NO	72	81	86	99

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ AT: 1996 figure for perennial crops only

² BE: Flanders not included in 1993

³ DE: AGÖL enterprises only

⁴ ES: Andalucía and Comunidad Valenciana not included in 1994

⁵ FR, CH: Perennial crops only

B Stocking and land use

Table 12-2: Certified vegetables (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	nd
BE	38 ¹	198	206	228
DE ²	nd	nd	4 417	3 541
DK	nd	422	502	650
ES ³	348	222 ⁴	631	910
FI	137	203	202	222
FR ³	nd	nd	9 865	11 516
GB	468	449	604	706
GR	5	21	31	53
IE	nd	nd	nd	nd
IT	nd	nd	nd	3158
LU	3	5	6	6
NL	nd	nd	1 008	1 086
PT	nd	162	211	149
SE	nd	nd	nd	706
CH	nd	476	nd	517
CZ	nd	nd	nd	nd
NO	39	47	45	42

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data

¹ BE: Flanders not included in 1993

² DE: AGÖL enterprises only

³ ES, FR: includes root crops

⁴ ES: Andalucía and C. Valenciana not included in 1994

B Stocking and land use

Table 12-3: Certified perennial and fruit crops (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	631
BE	10 ¹	142	155	202
DE ²	nd	nd	3 697	3 019
DK	nd	189	253	284
ES	5 662	2 498 ³	10 646	20 235
FI	135	199	256	299
FR	8 027	nd	9 146	10 058
GB	206	229	285	333
GR	539	664	1 986	4 105
IE	nd	nd	nd	nd
IT	nd	nd	nd	60 483
LU	0	0	1	1
NL	nd	nd	174	210
PT	nd	5 582	7 734	6 177
SE	nd	nd	nd	160
CH	144	175	nd	329
CZ	nd	nd	nd	nd
NO	30	30	31	42

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data

¹ BE: Flanders not included in 1993

² DE: AGÖL enterprises only

³ ES: Andalucía and Comunidad Valenciana not included in 1994

13 Certified grassland and fodder crops

Table 13-1: Total certified grassland and fodder crops (ha)

	1993	1994	1995	1996
AT	nd	nd	nd	236 892
BE ¹	nd	nd	1 789 ²	2 616 ²
DE ³	nd	nd	nd	155 298
DK	nd	13 062	17 713	21 642
ES ^{1,4}	3 085	2 521	5 253	62 625
FI ¹	5 218	9 706	11 431	12 537
FR	nd	nd	114 805	79 530
GB	10 565	13 708	18 335	39 073
GR	0	11 ¹	9 ⁵	30 ⁵
IE	nd	nd	nd	nd
IT	nd	nd	nd	201 242
LU	369	391	438	450
NL	nd	nd	5 973	8 227
PT ¹	nd	765	1 172	1 313
SE ¹	nd	nd	nd	55 257
CH	18 558	22 481	nd	53 601
CZ	nd	nd	nd	nd
NO	3 319	4 009	5 209	7 028

Source: Own data collected from national agricultural administrations and certification bodies

nd = no data available

¹ Grassland only

² BE: Flanders not included

³ DE: AGÖL enterprises only

⁴ ES: Fodder crops included in Table 11-3

⁵ GR: Fodder crops only in 1995/96

14 Distribution of 1996 certified organic and in-conversion land area by crop type

Table 14-1: 1996 certified organic and in-conversion land area (ha) by crop type

	Arable ¹	Horticulture ²	Grassland ³	Other ⁴	Total ⁵
AT	31 882	631	236 892	39 684	309 089
BE	1214	430	2 616	1	4 261
DE	90 688	6 560	155 298	101 625	354 171
DK	13 540	934	21 642	10 055	46 171
ES	11 829	21 607	62 625	7 674	103 735
FI	11 569	547	12 537	59 902	84 555
FR	33 826	21 574	79 530	2 154	137 084
GB	5 639	1 069	39 073	3 754	49 535
GR	625	4 156	30	458	5 269
IE	nd	nd	nd	nd	20 496
IT	62 414	63 641	201 242	6 879	334 176
LU	136	7	450	1	594
NL	3 217	1 296	8 227	-355	12 385
PT	1 443	6 326	1 313	109	9 191
SE	27 199	866	55 257	30 249	113 571
CH	3 075	846	53 601	1 219	58 741
CZ	nd	nd	nd	nd	17 022
NO	646	99	7 028	124	7 897
EU 15	295 221	129 644	876 732	282 686	1 584 283
ALL 18	298 942	130 589	937 361	301 051	1 667 943

Source: Own data collected from national agricultural administrations and certification bodies

nd= no data available

¹ See Table 11-1

² See Table 12-1

³ Including fodder crops, see Table 13-1

⁴ Other = unallocated adjustment figure may include other crops, in-conversion land (e.g. FI) or, if negative, indicates double counting

⁵ See Table 2-1

B Stocking and land use

Table 14-2: 1996 certified organic and in-conversion land area by crop type as % of total certified organic and in-conversion land area

	Arable	Horticulture	Grassland	Other
AT	10.31%	0.20%	76.64%	12.84%
BE	28.49%	10.09%	61.39%	0.02%
DE	25.61%	1.85%	43.85%	28.69%
DK	29.33%	2.02%	46.87%	21.78%
ES	11.40%	20.83%	60.37%	7.40%
FI	13.68%	0.65%	14.83%	70.84%
FR	24.68%	15.74%	58.02%	1.57%
GB	11.38%	2.16%	78.88%	7.58%
GR	11.86%	78.88%	0.57%	8.69%
IE	nd	nd	nd	nd
IT	18.68%	19.04%	60.22%	2.06%
LU	22.90%	1.18%	75.76%	0.17%
NL	25.97%	10.46%	66.43%	-2.87%
PT	15.70%	68.83%	14.29%	1.19%
SE	23.95%	0.76%	48.65%	26.63%
CH	5.23%	1.44%	91.25%	2.08%
CZ	nd	nd	nd	nd
NO	8.18%	1.25%	89.00%	1.57%
EU 15	18.65%	8.19%	55.34%	17.84%
ALL 18	17.94%	7.83%	56.20%	18.05%

Source: Own data collected from national agricultural administrations and certification bodies

nd= no data available