

EUROPEAN COMMISSION

DIRECTORATE-GENERAL FOR AGRICULTURE AND RURAL DEVELOPMENT

Directorate L. Economic analysis, perspectives and evaluations
L.3. Microeconomic analysis of EU agricultural holdings

Brussels, 19.02.2009
(Updated 17.06.2009)
Unit L3 D(2009)

EU CEREAL FARMS ECONOMICS – FADN REPORT 2008

Executive summary:

This analysis is based on data collected in the EU Farm Accountancy Data Network (FADN) database. FADN is a system of sample surveys that take place each year and collect structural and accountancy data from farms.

The collected data are fairly comprehensive in covering farming activities, but production costs are not allocated to particular agricultural activities and are recorded only as an aggregate per farm. Thus, for the purposes of this study, we have first carried out a process of allocating costs to particular crops.

The study aims to provide per hectare margins of cereal production and indicators of income of farms specialised in cereal production in the EU Member States. The analysis is conducted for the accounting years from 1997 to 2006. Such an extended period makes it possible both to observe trends and to estimate absolute values.

Margins over operating costs for common wheat (318 €/ha in 2006) and grain maize (597 €/ha) were above the average margins for cereals (276 €/ha), while barley margins (173 €/ha) were below the average. During the decade, cereal margins decreased by 41% on average. Margin levels among farms within individual Member States could vary significantly, with some producers of common wheat or barley looking at negative values. The highest margins were often recorded in Italy, Ireland, Spain or Greece, and the low figures in Denmark, Finland, Portugal, Cyprus, Hungary or Slovakia.

The specialist cereals farms in the EU earned on average €12 800 of Farm Net Income in 2006. That value was always around €10 000 - 12 000 during the decade under consideration, except in 2005 when it dropped to below €7 000. In most of the Member States analysed the average FNI was systematically positive, rising to between €17 000 and 45 000 depending on the year. However, in some MS average FNI was negative, falling to €-10 000. The highest income levels were typically recorded in the UK, Ireland, France and Germany, and the lowest in Denmark, Sweden, Portugal, Greece and Cyprus.

The levels of margins did not necessarily translate into levels of income. Factors such as the area of production or the importance of non-operating costs also influenced the incomes per farm. Moreover, if the income levels were corrected to account for the cost of own factors, Lithuania, Latvia and Estonia would have the highest income levels due to their relatively low own factor costs.

Contents:

1.	INTRODUCTION.....	3
2.	COMMON WHEAT	4
2.1.	Farms specialising in common wheat production.....	4
2.2.	Margins over operating costs in common wheat production.....	5
2.3.	Levels of margins in common wheat production	6
3.	BARLEY.....	7
3.1.	Farms specialising in barley production.....	7
3.2.	Margins over operating costs in barley production.....	8
3.3.	Levels of margins in barley production	9
4.	GRAIN MAIZE.....	10
4.1.	Farms specialising in grain maize production	10
4.2.	Margins over operating costs in grain maize production.....	11
4.3.	Levels of margins in grain maize production	12
5.	ALL CEREALS	13
5.1.	Farms specialising in cereal production.....	13
5.2.	Margins over operating costs in cereal production	14
5.3.	Levels of margins in cereal production.....	15
5.4.	The influence of energy cost on margins	16
6.	INCOME OF FARMS SPECIALISED IN THE PRODUCTION OF CEREALS.....	17
6.1.	Description of farms specialised in the production of cereals.....	17
6.2.	Indicators of income for specialist cereal farms	18
6.3.	Levels of income in specialist cereal farms	19
7.	CONCLUSIONS.....	20
8.	ANNEX	21
8.1.	Cost definitions	21
8.2.	Costs allocation using the ARACOST model.....	21
8.3.	Income indicators	22
8.4.	Distribution of values of the margins	23
8.5.	Farms' own factor costs.....	25
8.6.	Income indicators – specialist cereal farms and other types of farms.....	26
8.7.	Detailed tables.....	27
8.7.1.	Common wheat – margins.....	27
8.7.2.	Barley – margins.....	46
8.7.3.	Grain maize – margins	63
8.7.4.	Income of farms specialised in production of cereals	73

1. INTRODUCTION

This analysis is based on data collected in the EU Farm Accountancy Data Network (FADN) database. The Farm Accountancy Data Network is an instrument for evaluating the income and business activities of agricultural holdings in the European Union and the impacts of the Common Agricultural Policy.

FADN is a system of sample surveys that take place each year and collect structural and accountancy data from farms. The FADN field of survey covers only the farms exceeding a minimum economic size (threshold) in order to cover the most relevant part of the agricultural activity of the EU Member States, i.e. at least 90% of the total Standard Gross Margin (SGM) covered in the Farm Structure Survey (FSS). For 2007, the sample covers approximately 78 000 holdings in the EU-27, which represent 5.4 million farms out of a total of about 14 million farms included in the FSS.

The rules applied aim to provide representative data along three dimensions: region, economic size of farms and type of farming. FADN is the only source of micro-economic data that is harmonised, i.e. the accounting principles are the same in all EU countries.¹

The aims of this study are

- 1) to compare the costs with the receipts related to cereal production in the EU Member States in order to provide per hectare margins of cereal production,
- 2) to provide indicators of the income of farms oriented towards cereal production in the EU Member States, and to compare these with income indicators in other types of farms.

The analysis covers the accounting years 1997 to 2006. Such an extended period enables both the trends and estimated absolute values to be studied. It should be kept in mind, however, that during that decade important changes took place which influenced the market and policy situation in the cereals sector in the EU. These were most notably the EU enlargement of 2004² and the implementation of the 2003 CAP reform in 2005-2006³ (decoupling of direct payments). Both of them had consequences for the presented results.

One characteristic of FADN is that it focuses on farms or agricultural holdings, and not on individual agricultural enterprises (activities). The collected data reflect that aspect – they are fairly comprehensive in terms of covering farming activities, but many items (especially costs) are not attributed to a particular agricultural activity and are recorded only as an aggregate per farm.

Thus, in order to estimate margins of selected crops, such as cereals in this case, a process of data disaggregation is needed. This is done in two stages. First, in order to minimise interference from data related to activities other than cereal production, a sample of farms that are highly specialised in cereal production is selected for analysis. For particular cereals, at least 40% of the farm's output must come from the grain being studied. In the case of average margins for many cereals, the required specialisation in cereals was at least 66%. Second, the operating costs related to cereal production, but are not directly attributed to it in the database, because they are allocated to cereal production according to a particular set of rules. These are presented in detail in the Annex (point 8.2).

The margins referred to in the text are calculated including coupled direct payments, unless stated otherwise.

The estimation of the income of farms oriented towards cereal production is easier as it relies on data from whole farms. The farms oriented towards cereal production are those of with at least two thirds of their output from cereals.

¹ For more information about FADN see: http://ec.europa.eu/agriculture/rca/index_en.cfm

² More on the 2004 enlargement and agriculture: http://ec.europa.eu/agriculture/external/enlarge/publi/index_en.htm

³ More on the 2003 CAP reform: http://ec.europa.eu/agriculture/markets/sfp/index_en.htm

2. COMMON WHEAT

2.1. Farms specialising in common wheat production

For the calculation of common wheat margins, an annual sample of between 1 300 and 2 300 farms was used. The size of the sample resulted from the application of the specialisation criterion. The sample farms represented between 68 000 and 108 000 farms specialised in common wheat production throughout the EU. For the year 2005, the farms represented were equivalent to 4.4% of the number of all farms producing common wheat⁴. In terms of the area of common wheat production, however, the representation of the farms concerned was much higher, exceeding 20%.

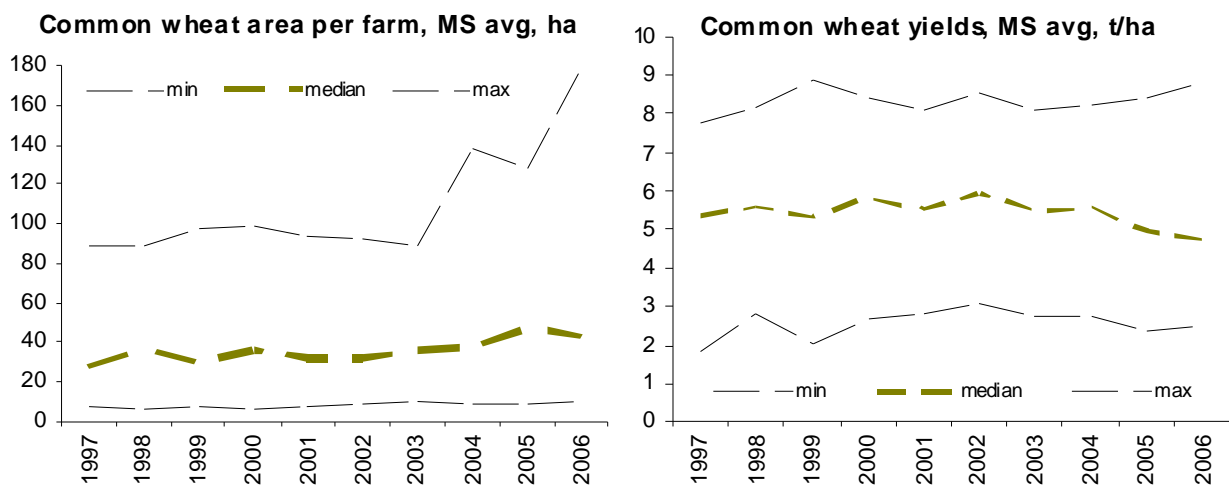
In practice the minimum specialisation rate of 40% of the farm output from common wheat production resulted in the identification of farms having an average of 53% of their output coming from common wheat.

The characteristics of agriculture in particular Member States (MS) are such that it was not possible to find farms with the minimum specialisation level required in all of the Member States. Out of 25 MS, 15 to 17 are represented depending on the year – 9 to 11 of the EU-15 and 6 of the EU-10.

The farms from which the data are analysed have 80-90 ha of utilised agricultural area (UAA), of which around half is devoted to common wheat production. Farms in the EU-15 are on average almost twice the size (about 100 ha UAA) of those in the EU-10 Member States. In terms of economic size, in the EU-10 wheat specialist farms the farm output value was 40% of that in the EU-15 holdings. However, the holdings in the MS which joined the EU in 2004 vary considerably in size, with Latvian farms having the largest production area.

Apart from common wheat, the specialised producers devoted some 15% of their UAA to other cereals, most commonly to barley. The average EU yields were 6.5 t/ha and more, yet they were quite varied among MS and from year to year, with the lowest yields occurring in farms in Spain and the highest being seen in the United Kingdom.

The analysed farms had an average workforce of 1.10 to 1.25 Annual Work Units (AWU) during the period under review, with the MS of the EU-15 tending to use a smaller workforce and those of the EU-10 having a larger than average workforce.



⁴ In comparison with Farm Structure Survey (FSS) figures provided by the EUROSTAT.

2.2. Margins over operating costs in common wheat production

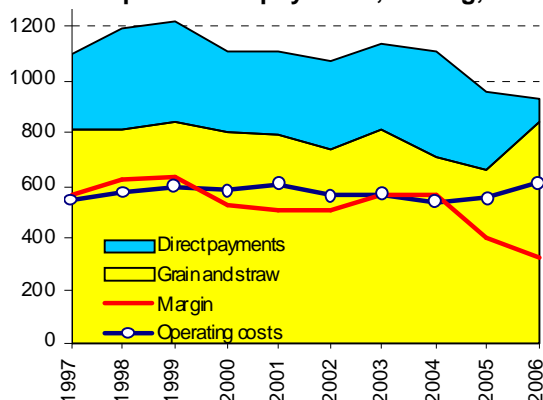
The average EU per hectare margin of receipts over the operating costs of common wheat production was fairly stable during the period 1997–2004, in the range of 511 €/ha to 627 €/ha. In nominal terms, the 2004 value was just 2% higher than the 1997 figure. By contrast, the years 2005 and 2006 saw a sharp reduction of the margin, by 30% and 44% respectively, in relation to the 2004 level. The 2006 margin was 318 €/ha. Calculated per unit of product, the average EU wheat margins were between 73 and 89 €/t from 1997 to 2004, after which they fell to 49 €/t in 2006.

The changes in the level of margin depended to a very large extent on the level of coupled direct payments. The reduction in payments from a level close to 400 €/ha to less than 100 €/ha explained the drop in the margin in recent years. The costs of production were another factor influencing the margin level, although these had a lesser impact than the level of direct payments. The margin changes were least dependent on the value of production. Indeed, in the year 2006 the value of the grain and straw produced increased by over a quarter in comparison with 2005, yet the margin fell by 20% following increases in production costs and the reduction of payments. However, if the margin were analysed without taking into account the coupled payments, the production value would be the main driver of the level of margin. Consequently, the margin calculated without the direct payments would increase twofold in 2006 compared with the 2005 level.

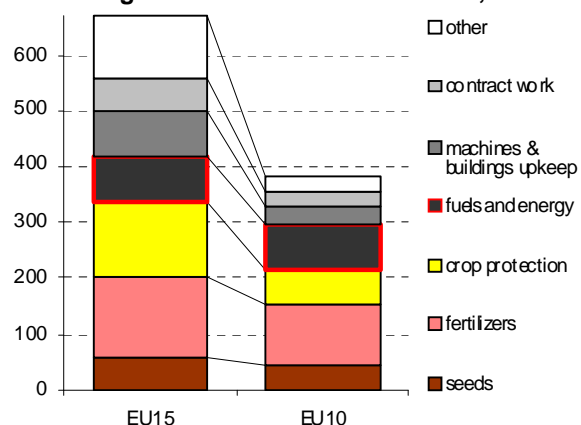
Common wheat receipts in the EU were fairly stable at 1100-1200 €/ha for most of the decade under review, with direct payments making up around 30% of these receipts. In the past two years, average receipts fell below 1000 €/ha, and in 2006 payments accounted for only 10% of the common wheat receipts. In comparison with the EU-15, receipts in the EU-10 were about 40% lower, and payments⁵ accounted for 15-20% of these.

In terms of the cost structure, the main items were fertilizers and crop protection, constituting respectively 22% and 20% of common wheat production costs in 2006. Other important items were costs related to machinery used in wheat production. Taken together, machine fuels and machine maintenance accounted for another fifth of operating expenses. In the EU-10 Member States, production costs were more than 40% lower than in the EU-15. However, costs of seeds and fertilizers were only 25% lower in the EU-10, and motor fuel costs per hectare were actually 5% higher than in the EU-15.

Common wheat - determinants of margins with coupled direct payments, EU avg, €/ha



Average selected cost items in 2006, €/ha



⁵ In certain MS a proportion of direct payments remained coupled. Also, some other direct payments (e.g. to seeds, CNDPs), EU or national, may be recorded by Member States as coupled.

2.3 Levels of margins in common wheat production

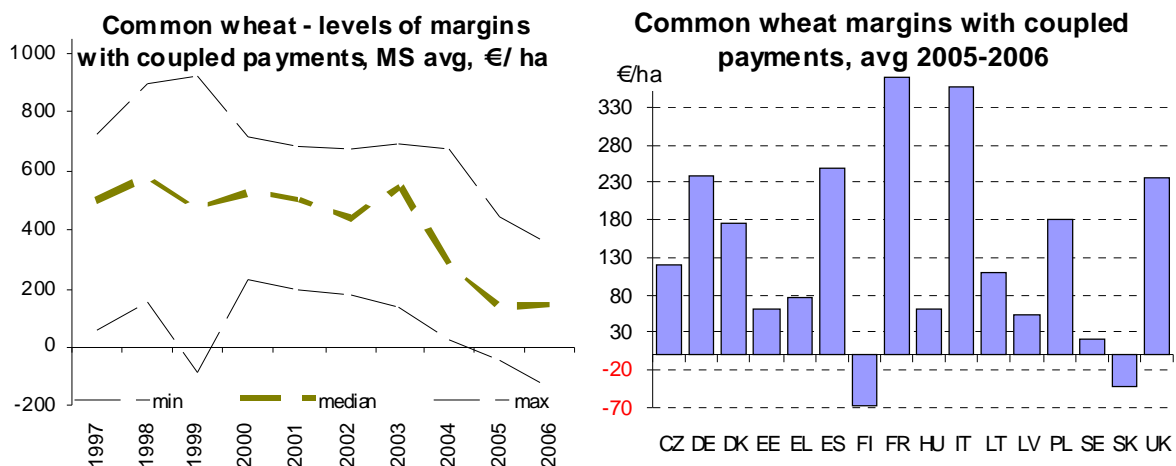
The margin over operating costs of common wheat production was quite varied among Member States and also among farms within particular MS. For most of the period in question margins in Italy were among the highest. At the beginning of the decade they even exceeded 900 €/ha; then they were at 600 €/ha until 2004, but ultimately dropped below 400 €/ha. The margins of German producers followed a similar pattern, although at lower levels, falling from 700 €/ha to 200 €/ha. A comparable development occurred with the relatively high margins in the UK, Denmark and France. For three MS - Finland, Sweden and Greece - the 2005-2006 slump of margins brought them below 0. However, in Finland, an accelerating slide of the margin had already begun in 2001. In those MS that joined the EU in 2004 wheat margins were at lower levels, in many cases below 100 €/ha.

The high wheat margins in Italy were achieved on relatively small farms with a wheat area of less than 10 ha on average. With costs under 500 €/ha, which was below the EU average, farmers could receive well above 1000 €/ha for their wheat. They produced up to 6 t of grain per ha and sold it for 150 €/t. Italian producers had one of the highest seed costs, but had low fertilizer and crop protection costs, which allowed them to limit expenditure.

In France, the margins were at the average EU level for most of the period and relatively high at the end of it. These margins were achieved with receipts per ha similar to those in Italy (up to 1200 €/ha), but with higher costs exceeding 600 €/ha. French farms were bigger, with over 50 ha of wheat. Seeds cost less, but expenditures on fertilizers and crop protection were double or triple those in Italy. French producers faced wheat prices of 100-120 €/t for most of the reported period, but they received more direct payments per ha than common wheat producers in Italy.

Margins in Finland were among the lowest, but at the end of the decade they eroded further and turned negative. Costs were at an average level, most often below 600 €/ha, but receipts were on a downward path for last six years of the period. That resulted from wheat prices falling while the production volume remained stable. In 2005 a sharp rise in the cost level brought the margin to just below zero. In the following year, the decoupling of direct payments was only partly compensated by higher production and prices, and the margin fell below minus 132 €/ha. Finnish specialist farms had about 30 ha of wheat on average.

Also the variability of margins can be significant within particular Member States. As the chart in point 8.4.1 of the Annex demonstrates, many specialist wheat farmers in France, Spain, Germany, the Czech Republic, Poland and the UK may enjoy margins similar to those in Italy. On the other hand, many farmers struggled with negative common wheat margins, not only in Finland, but also in Sweden, Denmark, Greece and Slovakia.



BARLEY

2.1. Farms specialising in barley production

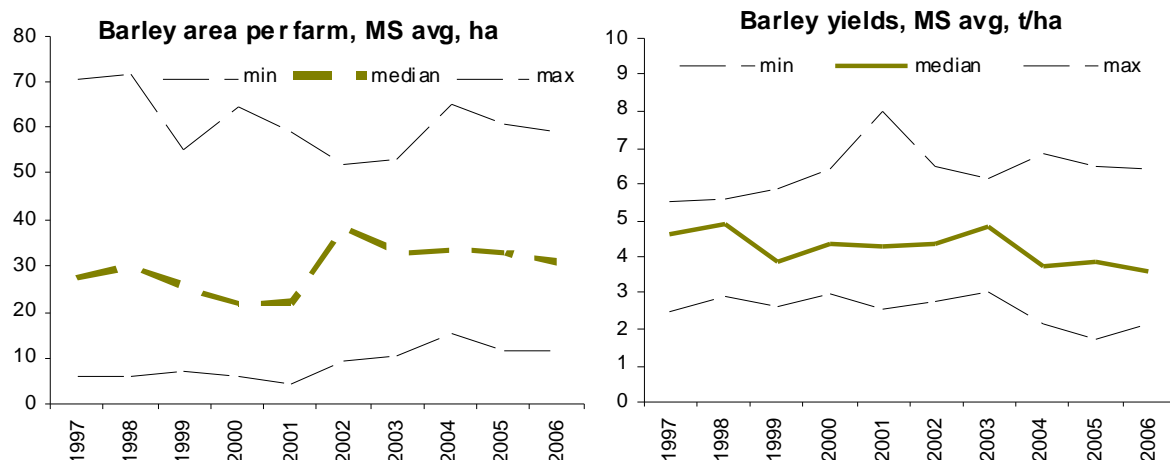
For the calculation of margins, data were selected from a group of farms specialised in barley production. For barley, some 870-1200 sample farms are used for each year, representing between 63 000 and 95 000 farms throughout the EU specialised in barley production. For the year 2005, the represented farms were equivalent to 4.6% of the number of all farms producing barley and accounted for 19% of the area of production. The FADN data make no distinction between types of barley.

The minimum specialisation rate of 40% of the farm output coming from barley grain production resulted in practice in the identification of farms where an average of 63% of output comes from barley grain. Due to the characteristics of agriculture in particular Member States, farms with the minimum specialisation level required could only be found in certain selected MS. Twelve of the 25 MS are represented: depending on the year, this equates to 6 to 7 of the EU-15 and 5 to 6 of the EU-10.

The farms from which the data are analysed have on average 60-70 ha of utilised agricultural area, of which more than half is devoted to barley production. Farms in the EU-15 are larger on average (about 65 ha UAA) than those in the EU-10 Member States (about 40 ha), and the difference in average barley production area is of a similar order: about 36 ha per farm in EU-15, and about 20 in the EU-10. In terms of the economic size, in wheat specialist farms in the EU-10 the value of farm output was 60% of that in the EU-15 holdings.

However, the holdings in the MS vary in size, with the area of barley ranging in recent years from 11 ha in Italy and Poland to over 60 ha in the United Kingdom, the Czech Republic or Slovakia. Apart from barley, the specialised producers devoted 6-7 ha to other cereals, usually common wheat. The average barley yields were 3 t/ha and more, although these figures varied quite a lot among MS and years, with the lowest (about 2 t/ha) being in farms in Cyprus and the highest ones in Ireland.

The workforce of the farms analysed was relatively stable during the decade and close to 0.9 AWU; in Denmark the workforce was half that level and in Estonia, some other EU-10 MS and the United Kingdom it was around 1.5 AWU.



2.2. Margins over operating costs in barley production

The average EU per hectare margin of receipts attributable to barley production over the related operating costs in the period 1997–2004 ranged from 273 €/ha to 356 €/ha. In the years 2005 and 2006 the margins fell sharply to below 200 €/ha. The 2006 margin was at 49% of the 2004 level. Calculated per tonne, the margin was between 89 € and 98 € until 2004, and then it fell to 56 €/t in 2006. Without the coupled subsidies, the volatility of the margin would be greater, i.e. between 30 and 46 €/t during the whole period, except in 2005 when it dropped to just 6 €/t. In the new Member States where the decoupling process did not apply, the margins increased and came closer to the EU average from its level of one third in 2004 to two thirds in 2006.

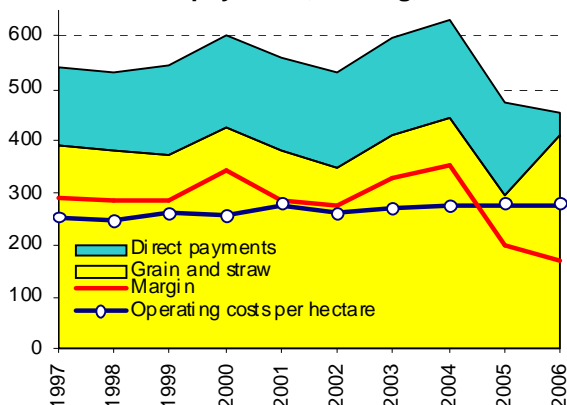
For most of the period, about 70% of barley receipts were from grain, and the remainder from direct payments. The variation of the level of margin in the period up to 2005 was mainly linked to receipts from grain. In 2006, despite a 39% increase in the value of the product, the margin fell as a result of the decoupling of subsidies, which were down to 10% of receipts. The variation of the margin was least affected by the level of costs, which were quite stable and had risen by only 10% in nominal terms in 10 years. Taking the coupled payments out of the analysis, the margin would return in 2006 to its usual level after an exceptional drop in 2005.

Barley receipts in the EU were between 530 and 630 €/ha on average up to 2004. In the last two years of the analysed period, average receipts fell to 450–480 €/ha. This reduction was influenced mainly by the situation in EU-15, since receipts in the EU-10 MS actually grew from 345 €/ha to 361 €/ha between 2004 and 2006. Before 2004, receipts per hectare were up to 2.5 times higher in some MS than in others. Since that year, that difference has been as much as 4.5 times higher.

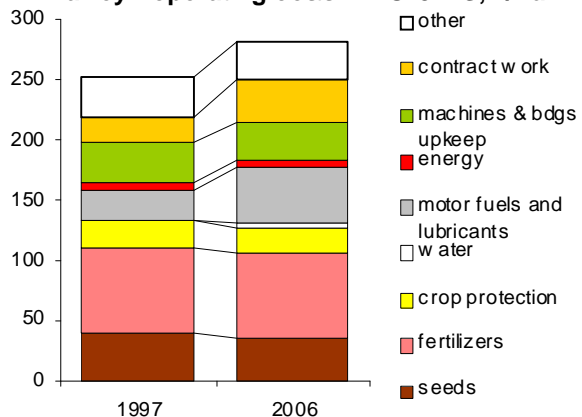
In terms of the cost structure, fertilizers and motor fuels were the main items, respectively accounting for 25% and 17% of the barley production costs in 2006. Other important items were costs of seeds and of contract work (13% each). Over the 10 years, the cumulative share of seeds, fertilizers and crop protection fell from 53% to 43%, while the share of fuels, energy and contract work rose from 21% to 32%.

Cost levels varied from 200 €/ha to over 700 €/ha among MS. In the EU-10, production costs were on average only 11% lower than in the EU-15. The costs of seeds and fertilizers were similar in the EU-10, and motor fuel costs were higher than in the EU-15. However, it was the costs of contract work, current maintenance of machinery and some other costs that actually determined the higher average cost levels in EU-15.

Barley - determinants of margins with coupled direct payments, MS avg, €/ha



Barley - operating costs in EU15 MS, €/ha



2.3. Levels of margins in barley production

Prior to 2004, barley margins per hectare among MS ranged from around 20 €/ha to 500-600 €/ha, and even more in exceptional cases. In 2005-2006 they shifted downwards to a range between minus 100€/t and plus 300 €/t. Ireland, France, the UK and Italy had the highest margins for most of the period. Spanish levels were close to the average. Similarly, the Danish margins were around the average until 2003, after which they slid to record negative values. The two other Scandinavian MS, Sweden and Finland, also had low barley margins, and since 2004 they were joined in that regard by the three Baltic States.

The highly profitable barley production in Ireland (a margin of over 500 €/ha in 2004 and close to 300 €/t in 2006) was possible thanks to one of the highest receipts per ha, and despite relatively high levels of costs. The Irish costs were up to 600 €/ha until 2004, and subsequently rose even higher. Receipts before 2005 exceeded 1100 €/ha, and even at their lowest point in 2005 were close to 800 €/ha. This result was the combined effect of relatively high grain receipts, very high coupled payments and high straw value per ha, which in some years exceeded 100 €/ha. Irish farms produced barley on 20-30 ha.

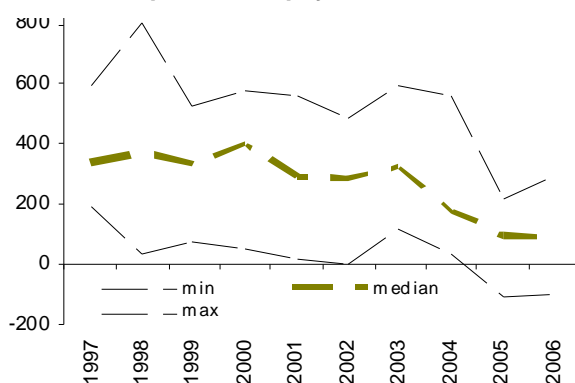
The Spanish barley margins were around 300 €/t until 2004 and below 200 €/t in 2006. Their operating costs of up to 200 €/ha were the lowest in the EU until the arrival of new member states in 2004. However, their barley receipts of below 500 €/ha were also among the lowest in the EU. Spanish farmers received about 350 €/ha for grain, up to 160 €/ha in direct payments, and placed a low value on the straw. The barley production area was around 40 ha/farm.

The low earning barley specialists in Latvia had costs of 200 €/ha, but received little more than that from the crop. While the cost of some inputs such as fertilizer was low, Latvian producers paid for other inputs, such as machine fuel, at the EU average level. Low barley yields and low prices resulted in low receipts. Latvian producers did not receive direct payments for barley, and the value of straw was minimal. The average area under barley in Latvian farms was 35 ha.

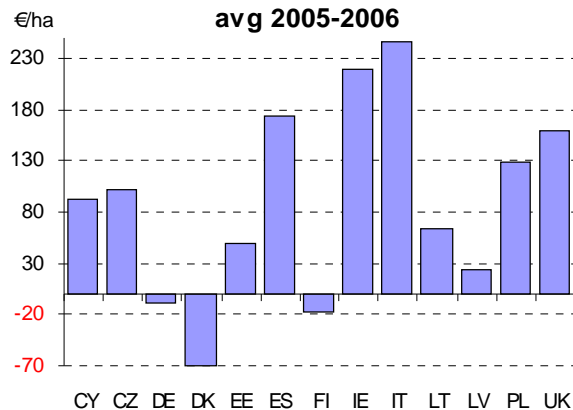
The negative Danish margins occurred only after the abolition of coupled payments in 2005-2006. Producers in Denmark had the second highest costs of production, but their receipts were not sufficient to compensate for the removal of coupled subsidies. Farms in Denmark had 20 ha of barley on average.

Variation of margin levels within MS is also significant, and the pattern of its distribution (point 8.4.2 in the Annex) demonstrates that in 2006 not only Irish producers, but also many Italian, Spanish and Polish barley producers, obtained high margins. At the other end of the scale, apart from Denmark, significant numbers of producers in Germany, the UK, Finland, Estonia, Lithuania and Latvia recorded negative margins for barley.

Barley - margins over operating costs, with coupled direct payments, €/ha



Barley margins with coupled payments, avg 2005-2006



3. GRAIN MAIZE

3.1. Farms specialising in grain maize production

For the calculation of margins, data were selected from a group of specialised farms. For grain maize, some 1300-1800 sample farms are used, representing 98 000 to 113 000 farms in the EU. For 2005, they represented 10.3% of the number of all farms producing grain maize and 31% of the grain maize area in the EU.

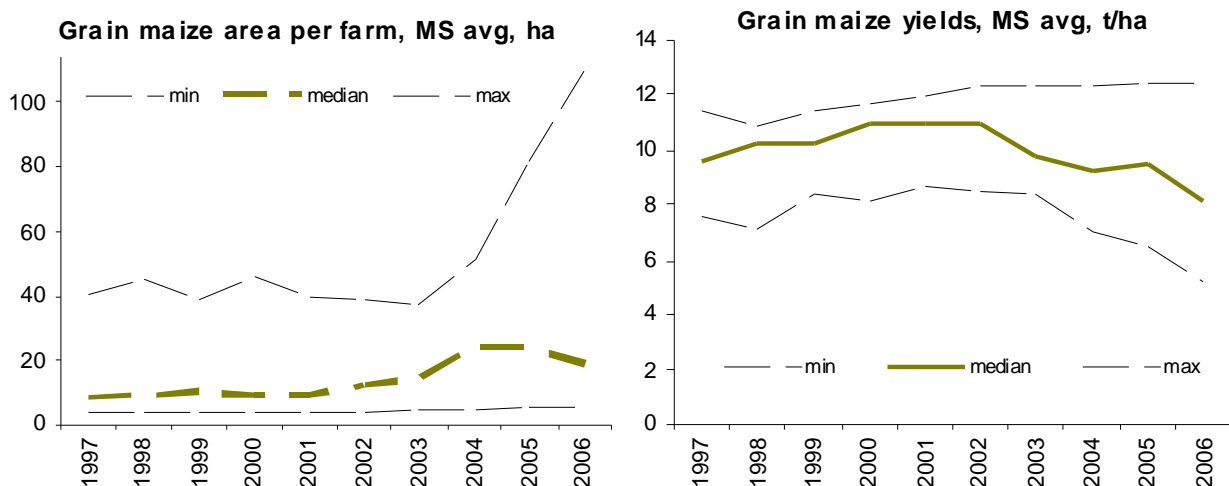
The criterion of specialisation, namely that at least 40% of the farm output should come from the grain maize, resulted in practice in the identification of farms having on average 66% of output coming from the grain.

It was possible to find farms with the required minimum specialisation level in grain maize production in six of the EU-15 MS (Austria, Greece, Spain, France, Italy and Portugal) and in three of the EU-10 MS (Hungary, Poland and Slovakia).

The analysed farms had on average 25-33 ha of UAA in the period, of which over half was under grain maize. Both the area of farms and of maize production were growing over the years. The proportion of irrigated maize production also increased. Among Member States, up to 2003 the average maize farm areas ranged from 7 to 80 ha, and in 2006 exceeded 200 ha. Unlike wheat or barley farms, the grain maize farms in the EU-15 (with on average 27 ha UAA) were half the size of those in the EU-10 Member States. Also in terms of economic size, the EU-10 grain maize specialist farms were bigger on average than the EU-15 holdings.

In addition to grain maize, the specialised producers devoted some 20% of their UAA to other cereals, most often to common wheat. The average yields of grain maize were 10 t/ha, but varied among MS from about 6 t/ha in Poland to over 12 t/ha in Greece.

The analysed farms had an average workforce of 1.0-1.2 AWU. Farms in the EU-15 usually had a smaller workforce than those of the EU-10.



3.2. Margins over operating costs in grain maize production

In the period 1997–2003 the average EU margin of grain maize receipts per hectare over production operating costs was in the range of 853 €/ha to 964 €/ha. This level of margin was much higher than that of barley or common wheat. However, it revealed a slight downward trend. In nominal terms, the 2003 value was 6% below the 1997 figure. In 2004 the margin fell by 30% in comparison with the preceding year and stayed below 600 €/ha also in 2006. Expressed per tonne, the average grain maize margin dropped from 90 €/t in 2003 to 62 €/t in 2004 and was again down at 62 €/t in 2006.

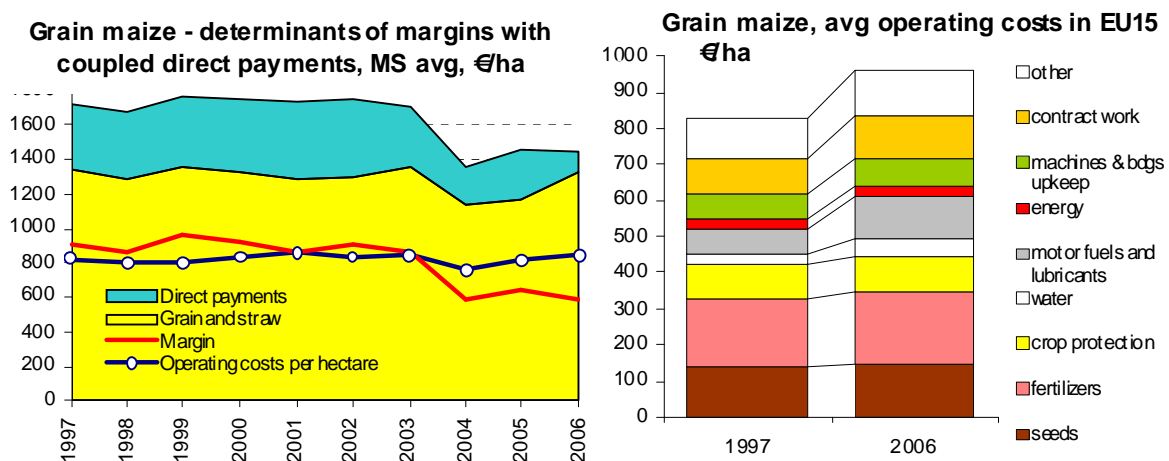
The falling average was only in partly caused by the inclusion of the lower margin producers of the EU-10 in 2004. For the most part, the change was due to the lower level of direct payments in that year. Aid to grain maize was reduced by over 100 €/ha. Also, the value of production fell as a result of lower grain maize prices. In 2006 direct payments were a further 100 €/ha lower, but higher prices made it possible to maintain the level of receipts. The costs of production were relatively stable and had only a small impact on the changes in the average margins.

If the grain maize margins were analysed without taking the coupled payments into account, their 2006 values would be back at pre-2004 levels.

On average in the EU, the grain maize receipts were very stable around 1700 €/ha until 2003, with direct payments accounting for one quarter of this figure. In 2004, average receipts were down by €350 per ha. Producers in the then new Member States, with their lower receipts, influenced that lower average, but receipts in the EU-15 MS also fell by 165 €/ha in 2004. By 2006 the receipts in EU-15 had almost recovered to the 1700 €/ha level, but now with payments accounting for only 8% of that amount. Receipts in the EU-10 were half the EU-15 level.

In the cost structure, fertilizers and seeds were the main items, respectively accounting for 20% and 15% of the grain maize production costs in 2006. Together with the costs of crop protection and water, they made up 51% of operating costs. However, that share was actually down from 54% in 1997 because of the expansion of motor fuel costs in particular. Motor fuels, energy and contract work, all of which posted increased shares, accounted for a further 30% in the costs structure in 2006.

In the MS of the EU-10, production costs per hectare of grain maize were some 40% lower than in the EU-15. When calculated per tonne, the difference was half as big. However, the levels of costs among MS and, indeed, within MS varied considerably.



3.3. Levels of margins in grain maize production

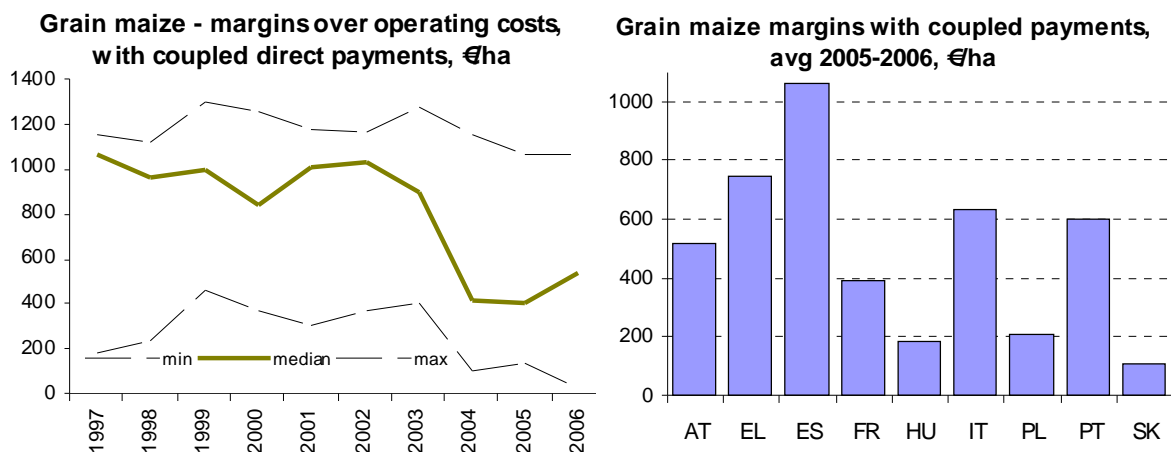
In the case of grain maize, specialised farms were found in relatively few Member States. Despite that, the range of margins observed was very wide. During the five years from 1999 to 2003, grain maize margins in the EU Member States ranged from 300-400 €/per hectare to as high as 1200-1300 €/ha. The minimum values were recorded in Portugal, and the maximum values in neighbouring Spain. Before that, somewhat lower maxima of about 1100 €/ha were reported from Greece and Italy, and minima at 200 €/ha again in Portugal. Even if the level of margins generally fell in the period 2004-2006, top values for Spanish producers continued to exceed 1000 €/ha. Since the 2004 enlargement, Hungary and Slovakia were the new Member States that provided the lowest margins - at 100 €/ha or less - although the national average did not go into negative territory.

Spanish specialist producers owed their margins to a combination of very high receipts per ha and very low costs. The receipts were up to 2000 €/ha until 2004 and not much less thereafter. Yields of 9 to 12 t/ha and grain prices of 130-140 €/t allowed them to obtain around 1400 €/ha, and direct payments of 320-490 €/ha made up the rest. In 2006, when the payments per ha fell by over 300 €, the growth in receipts compensated for that reduction and for the increased costs, maintaining the margin almost unchanged at slightly over 1000 €/ha. The key to low production costs in Spain (600-800 €/ha) was keeping the costs of fertilizer, crop protection, machinery, buildings maintenance and contract work to a minimum. On the other hand, Spanish seeds costs were among the highest, and Spanish water costs were the highest and they almost doubled between 2003 and 2006.

In France, grain maize margins were at an intermediate level of 620 to 760 €/ha before 2004 and have been at around 400 €/ha since then. French costs were fairly high (900-1100 €/ha) due to high costs for crop protection, machinery and buildings maintenance and other direct costs. Average receipts from grain maize in France were about 1600 €/ha until 2003 and about 1400 €/ha thereafter. The amount of 1100-1200 €/ha from grain was possible due to maize yields close to 10 t/ha and prices of 120-140 €/t. The direct payments of more than 400 €/ha were reduced to 60 €/ha in 2006, but in that year the increase in prices made it possible to cushion that effect almost completely.

Low margins of around 200 €/ha in Hungary were the result of maize receipts not exceeding 800 €/ha, while costs were close to 600 €/ha. That level of receipts resulted from production levels of 8 t/ha and prices of up to 100 €/ha, in the absence of coupled direct payments. The low level of costs was due to limited expenditure on many items, but especially on fertilizers and on the upkeep of machinery and buildings.

Owing to the variability of margins, some farmers in Portugal, Italy, Greece and France had margins above 1000 €/ha, as was the case in Spain. However, in each of the MS under review there were also farmers with negative margins (see Annex point 8.4.3).



4. ALL CEREALS⁶

4.1. Farms specialising in cereal production

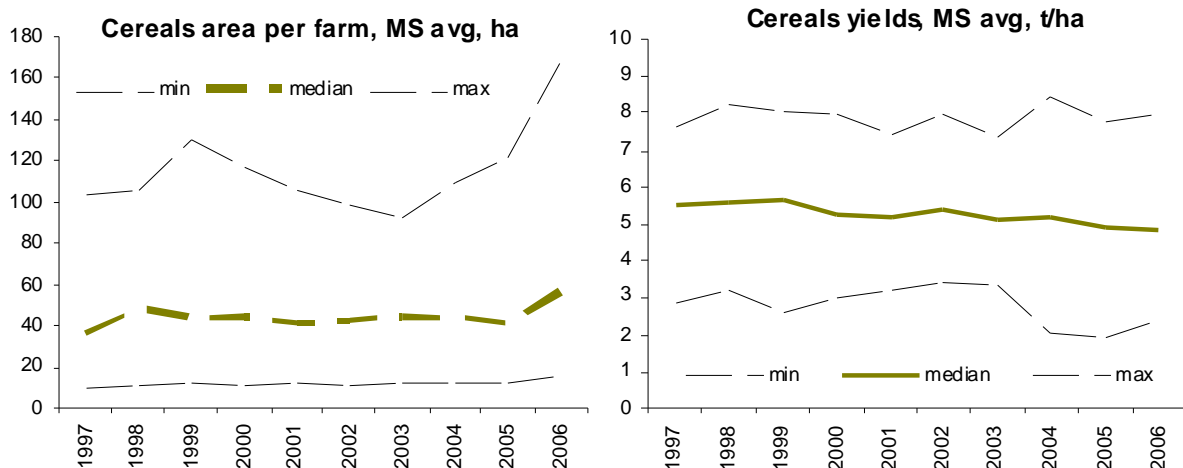
Data from a group of 2300-3000 sample farms were selected to calculate the margins. They represented 200 000 to 280 000 farms specialised in cereal production. For the year 2005, the represented farms were equivalent to 11% of the number of all farms producing cereals. In terms of the area of production, 38% of the farms concerned were represented. Twenty of the 25 MS are represented - 12 from the EU-15 and eight from the EU-10.

The specialisation rate of 66% or more of farm output coming from the cereals grain production resulted in practice in the identification of farms having on average 82% of output coming from the grain. Member States in the south of Europe tended to have greater levels of specialisation, led by Greece with 90%. Those in the North had lower specialisation rates (the indicator for Germany was 72%).

The size of the farms from which the data are taken to be analysed is on average about 50 ha of UAA, of which over 70% is devoted to cereal production. Specialist cereal farms in the EU-15 have, on average, a similar acreage to those in the EU-10 Member States. Farm sizes range from under 20 ha UAA in Greece and Italy to over 150 ha UAA in the UK, Slovakia and Estonia. In terms of the economic size (measured by the value of farm output), the value of farm output from the EU-10 wheat specialist farms was 90% of that in the EU-15 holdings (average for 2004-2006).

The analysed farms had an average workforce of 1 AWU, with the EU 15 MS being below that figure and the EU-10 MS being above the average. However, that indicator covers widely varying situations, with farms in Denmark and Finland having little more than 0.5 AWU, compared to those in the Czech Republic with 2 AWU and farms in Slovakia with 3 AWU.

In the Mediterranean MS, Portugal and Poland, producers indicated that they made use of irrigation in their cereal production.



⁶ The rationale for analysing several cereals is the fact that farmers normally grow a selection of them, as their agronomic requirements are often similar (perhaps with the exception of rice). Also, this approach allows profitability indicators to be compared across a broader selection of Member States.

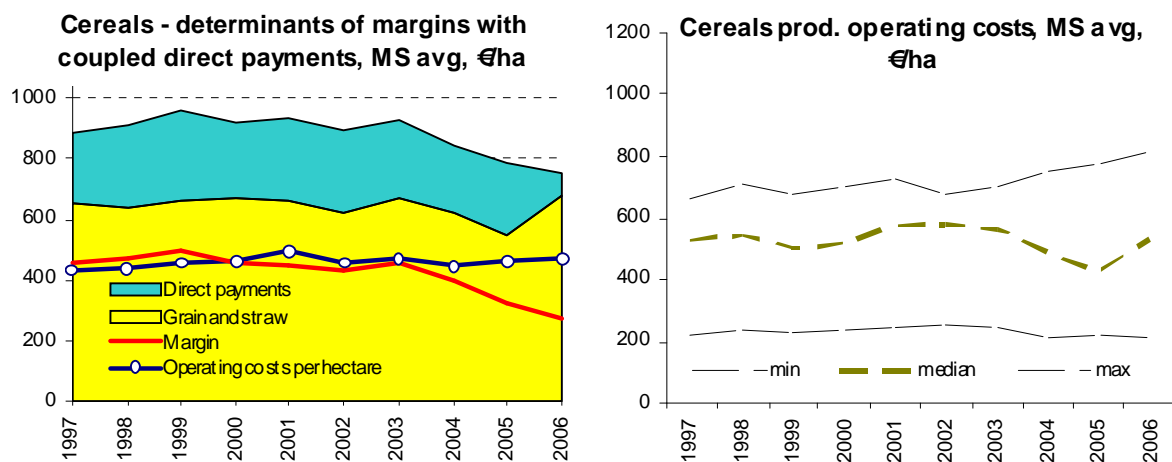
4.2. Margins over operating costs in cereal production

The average EU per hectare margin of receipts attributable to cereal production over the operating costs of that production was fairly stable in the period 1997–2003, within the range of 469 €/ha to 533 €/ha. In nominal terms, the 2003 value was just 3% higher than the 1997 figure. In the years 2004 to 2006 the margin was gradually reduced by a cumulative 42% to below 300 €/ha.

The changes in the level of margin depended to a very large extent on receipts, and only to very small extent on costs, which were relatively stable. For most of the analysed period, about 70% of cereals revenue came from the value of production, the remainder being direct payments. As a result of the decoupling, the share of direct payments in the EU cereals receipts fell to 11% in 2006. In that year the cereals margin decreased, despite higher cereal prices, production and receipts from grain – the reduction of payments was steeper than the growth of production value. If the margin were analysed without taking the coupled payments into account, its 2006 level would be the same as that of 2003.

The level of cost was quite stable on average (10% nominal growth in 10 years), but within this structure some changes were taking place. Motor fuels and lubricants costs increased by almost 70% during the decade. In 2006 they accounted for 13% of the operating costs. Seeds and crop protection had identical shares, although both saw the value of their relative contributions reduced. Also, the biggest cost item - fertilizers - lost ground slightly, falling to below 23%. In addition to fuels, contract work and water costs grew faster than the average.

Cereals operating costs per ha varied among MS, from about 220 €/ha in Estonia, Latvia and Lithuania to over 700 €/ha in the United Kingdom and France. Expenditures on fertilizers were the highest and rising in Ireland and France, while between 2001 and 2006 farmers in Portugal halved their fertilizer bill. Crop protection expenses ranged widely from 14 €/ha in Spain to as much as 180 €/ha in the UK. Also France, Germany and Ireland spent over 100 €/ha on crop protection, but for the majority of MS the cost was between 20 and 80 €/ha. Fuel costs were highest in Germany and Italy, at around 100 €/ha, and lowest in Ireland and Denmark (40 €/ha and less). Austrian producers had the highest seeds costs, followed by Italy. Over the period, seed costs in Greece climbed to a high level, while seed costs in Portugal fell from their high levels to below the average in 2006. The lowest seed costs were in the three Baltic States. Contract work - another growing cost item - was extremely high (several times the average) and growing in Ireland and Austria. At the other end of the scale, with low contract work, were the Baltic States and Poland. Water costs grew rapidly in Greece and Spain.



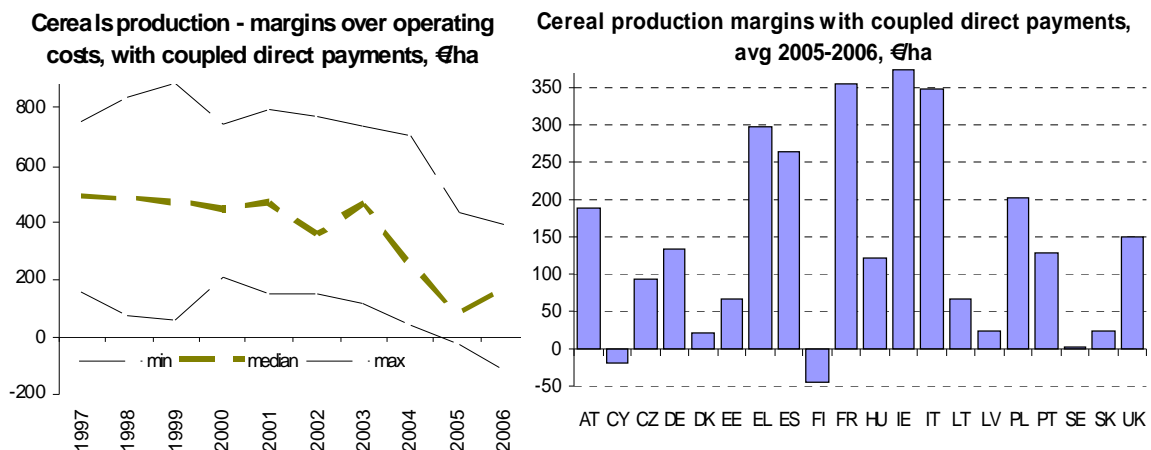
4.3. Levels of margins in cereal production

In the period 1997-2004, average cereal production margins among Member States varied widely from a minimum of 50-200 €/ha to maximum levels of around 700-900 €/ha. In the two subsequent years they were much lower, ranging from minus 30 - minus 130 €/ha to around 400 €/ha. The decrease was due to the combination of lower production and lower grain prices in 2005 and the effect of the decoupling of payments in 2006.

Until 2004, Italian and Irish specialist cereal producers recorded the highest cereals margins of 700-800 €/ha or more. Also, after the subsequent plunge in margins, they found themselves at the top with margins of just under 400 €/ha in 2006. Italian farmers had the highest receipts per hectare, while their costs were close to the average level, which explains their better margins. Producers in Italy preferred to grow durum wheat, which occupied half of the cereals area in their farms. Grain maize was another major choice, occupying one third of the area. Common wheat (with some 9%), barley and oats had much smaller shares on average. The high Irish margins were due to very high receipts from cereals, sometimes reaching record levels. Their costs were above average, but by no means the highest in the EU. Specialist producers in Ireland usually devoted over half of the cereals area to common wheat, one third to barley and the remainder to oats. However, in the 2006 accounting year, barley had the largest area.

Before the EU enlargement in 2004, producers in Finland (and occasionally in Sweden) recorded the lowest levels of cereals margins at 50-200 €/ha. In 2004, the lowest margin was in Cyprus (44 €/ha; in the following year margins were negative in Denmark (-29 €/ha) and then, in 2006, Finland ended up occupying the bottom position with a negative margin of -126 €/ha. Finnish farmers relied mainly on barley production (up to 50% of cereals area), with significant proportions of common wheat (about 25%) and oats (about 20%). They had one of the lowest cereals receipts, and costs were above the average.

The margins of cereal producers in Germany marked the mainstream level of cereal margins in the EU. Germany's costs were rather high, at around the 600 €/ha level, owing to more expensive crop protection, very expensive fuel and high other direct costs. The receipts (about 1000 €/ha until 2004 and about 800 €/ha thereafter) were also above average, with typical to high receipts from grain and relatively high coupled direct payments. Specialist producers in Germany grew mainly common wheat (over 50% of the cereals area on average), barley (25%) and rye (10%). While the area of common wheat and barley maintained its level in the specialist cereal farms during the period under review, the area of rye contracted to a third of its original acreage during the decade.



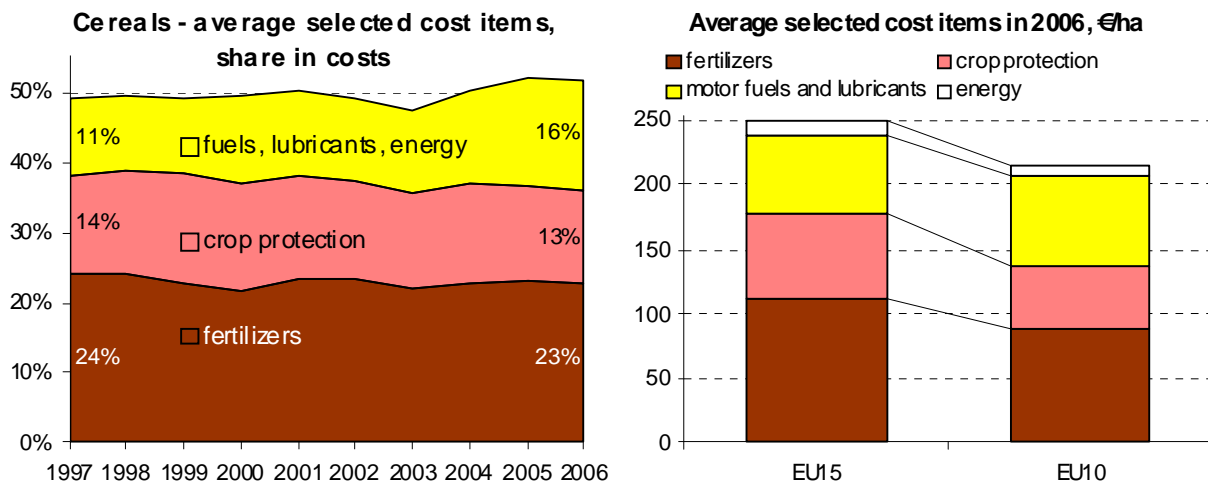
4.4. The influence of energy cost on margins

Cereal production, which is practised over large areas, relies on the operation of machinery and, thus, on the use of fuel. In fact, the agrotechnical requirements leave relatively little room for manoeuvre in this respect, even in the case of more extensive production. Recent volatility on the fuels and energy markets makes an even stronger case for paying some attention to that aspect of costs. Fuels and energy are classified together with lubricants, which are also based on petroleum and used for operating machinery. In addition, the costs of other mineral and industrial inputs, such as fertilizers and crop protection products, are included in the comparison.

On average, fuels (incl. lubricants) and energy accounted for over 10% of the operating costs per hectare of cereals. In 2006 the share was 13% for common wheat, 16% for maize and 19% for barley. Since 1997, these figures have grown by 5-6 percentage points, and the majority of the growth took place in the period 2004-2006. For wheat, France and Denmark enjoyed the lowest relative cost of fuels and energy (9-10% in 2006), and Hungary and Latvia had the highest values (over 20%). For grain maize, it was once again France (12%) and Austria (13%) with the lowest relative fuel costs, while Poland and Hungary were at the opposite end of the scale with figures that were twice as high. In the case of barley, Ireland, Denmark and France were the least dependent on fuel and energy costs (below 10%) in production, and Latvia was the most dependent (30%). In principle, higher fuel and energy costs per hectare coincided with lower margins, as they developed in opposite directions, what was seen most clearly in the period 2004-2006.

Fertilizers were one of the biggest components of cereal production costs, with a 20% share of the costs of grain maize in 2006, 22% for wheat and 25% for barley production. Together with crop protection costs, they accounted for 36% of the cereals cost, although values were lower than this for maize and barley and higher for wheat. Interestingly, the costs of fertilizers and crop protection per hectare were almost unchanged over the 10 years covered by the analysis (just +4% in nominal terms), with the result that their share in the rising total of costs fell by 2 percentage over the period. Producers in Italy, Finland and Denmark tended to have a smaller proportion of these costs, while those in France, Poland and Lithuania had a higher proportion.

Overall, it was fuels, fertilizers and crop protection expenses that accounted for half of cereal production operating costs; values for maize were below the average, and values for wheat were above it. Among producers in the various Member States, there was no clear relationship between the breakdown of costs of fuels, fertilizers and crop protection and the level of operating costs.



5. INCOME OF FARMS SPECIALISED IN THE PRODUCTION OF CEREALS

5.1. Description of farms specialised in the production of cereals

The picture of cereal farms analysed here is influenced by the structure of the sample of farms. The largest number of cereals specialists was found in Italy and Spain. Significant numbers came from France, Poland, Hungary and Greece. In the other MS, relatively few farms met the specialisation criteria.

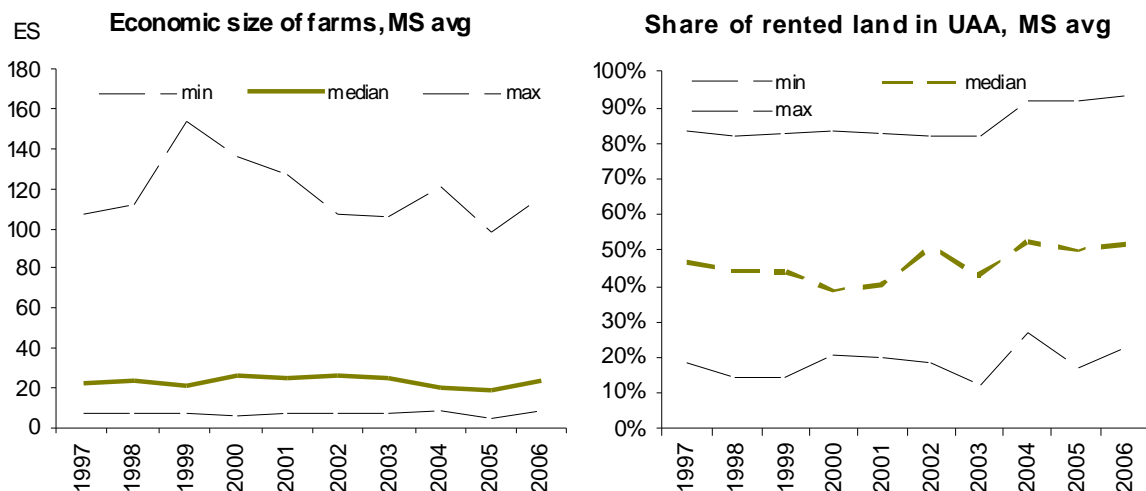
On average, the specialist cereal farms were of medium size. Their economic size was between 22 and 29 European Size Units (ESU) during the period under review. However, this average concealed big differences in economic size among Member States, from 7-9 ESU in Greece to well over 100 ESU in the United Kingdom. By comparison with average field crop farms, specialist cereal farms were smaller in terms of their economic size, and the difference grew steadily from 5% to 25% during the period under review. Farms with field crops increased in size, while the cereal farms showed barely any growth.

The utilised agricultural area of cereal farms was around 50 ha, of which some 50% was rented. In principle, the bigger the acreage, the higher the share of rented land. Producers in Slovakia, the Czech Republic, Lithuania and Germany rented most of their land. Production on rented land was also customary in France, Cyprus and Greece. However, UK cereal specialists owned the majority of their large farms and rented relatively little (up to 30% of their fields).

Cereal producers had little or no animal production, although there was more of it in the UK, Germany and the Czech Republic. More significant than that, but also marginal, was the output from activities other than crop or animal production. The UK, Germany, Sweden and Slovakia increased their share of these other activities.

The workforce per farm was on average close to 1 AWU, although it ranged from 0.5 to 3.3 AWU among Member States. The lower amounts of labour per farm were in the Scandinavian MS and in Greece, and the higher numbers were in Slovakia, the Czech Republic and some of the other MS that joined in 2004. The overwhelming majority (90%) of labour was own unpaid labour. That share was lower in many EU-10 MS and in the UK, where 30-50% of labour was paid.

Sweden and the UK had the highest amount of UAA per AWU, with well over 100 ha/AWU, while Greece and Italy were at the other end of the scale with some 20 ha/AWU. The number of hectares per AWU increased over the decade under review in most MS, with the lowest figures doubling, and the highest ones rising by a third.



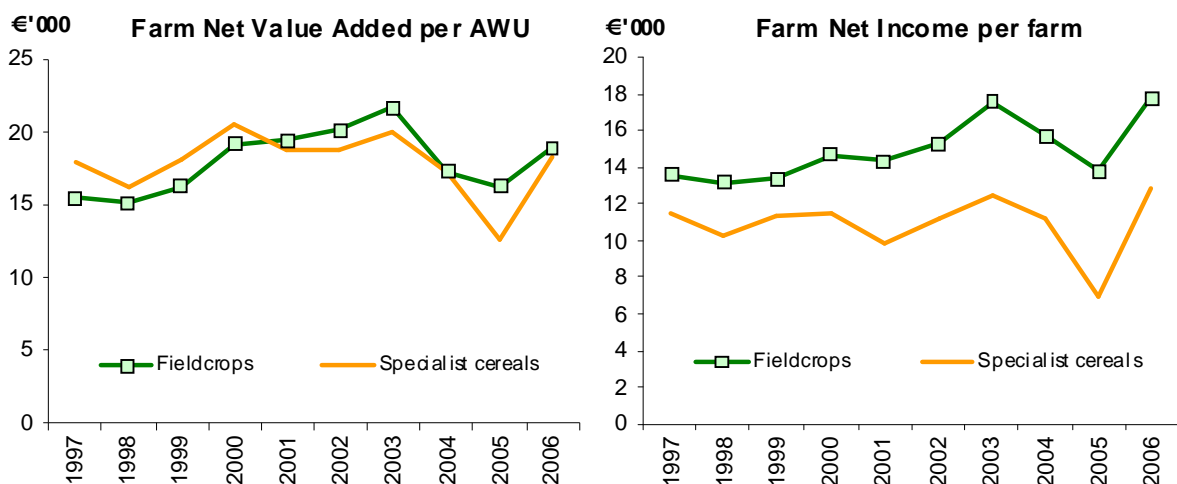
5.2. Indicators of income for specialist cereal farms

The Farm Net Value Added indicator (FNVA)⁷ for an average EU specialist cereal farm fluctuated around €16 000 to 18 000 during the decade, except for 2005 when it fell below €12 000 per farm. In comparison with other types of farms, the specialist cereal farms had the lowest FNVA, similar to that in farms of the “other permanent crops” type. However, when expressed in AWU, this indicator reveals a better performance by specialist cereal farms. At € 18 200, their FNVA/AWU value in 2006 was similar to that of average fieldcrops farms and higher than in other permanent crops farms, other grazing livestock farms and mixed farms – see chart 8.5.1 in the Annex. At the beginning of the decade under review, FNVA/AWU in cereal specialists was higher than in average fieldcrops farms, but that has changed since 2001.

The Farm Net Income indicator (FNI)⁸ also takes into account the balance of subsidies and expenditure on external factors, making its value per farm €5 000 - 6 000 lower than the FNVA. The farms specialising in cereals in the EU earned on average €12 800 of Farm Net Income in 2006. That value was always around €10 000 - 12 000 in the decade under review, with the exception of 2005 when it dropped to below €7 000. In most of the analysed Member States the average FNI was systematically positive, going up to €17 000 – 45 000 depending on the year. In some MS, however, average FNI could be negative, dropping to €-10 000.

In comparison with average fieldcrops farms, specialist cereal farms had less Farm Net Income throughout the period in question. The difference amounted to 16% in 1997 and 28% in 2006. In fact, incomes of specialist cereal farms were lower than for any other type of farm, and 3-4 times smaller than the top scoring granivores, milk or horticulture farms.

It was also possible to estimate the cost of using the own resources of cereal farms, such as labour, land and capital. That cost was estimated at an annual € 16 000 - 19 000 per average EU specialist cereal farm, of which €10 000 - 15 000 was the cost of own labour. After subtracting own costs, the FNI is brought down below 0, at between €-4 000 to -9 000 per cereal farm.



⁷ Remuneration of the fixed factors of production (work, land and capital), whether they be external or family factors. See the chart 8.3 in the Annex.

⁸ Remuneration to fixed factors of production of the family (work, land and capital) and remuneration of the entrepreneur's risks (loss/profit) in the accounting year. See the chart 8.3 in the Annex.

5.3. Levels of income in specialist cereal farms

Farm Net Value Added ranged from €2 000 - 6 000/farm to close to €70 000 on average among the Member States of the EU. In terms of FNVA value/farm, the UK and German cereal farms stood out, with double or triple the average values of the indicator. The lowest totals of FNVA were recorded in Cyprus and Greece in the latter part of the period under review, and in Sweden and Portugal during the first part of it.

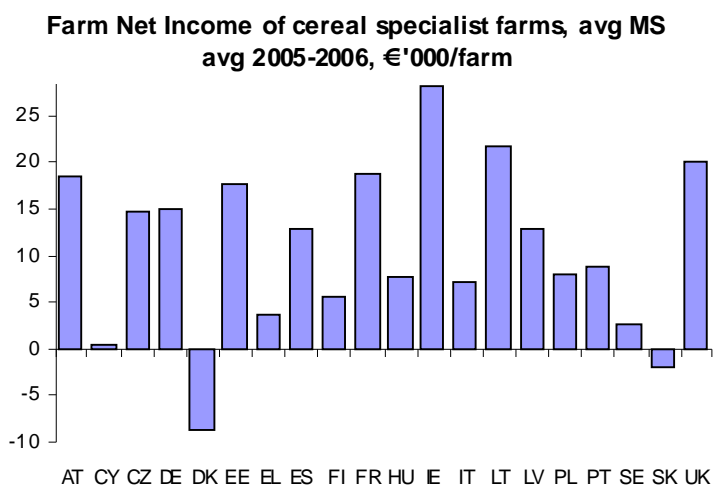
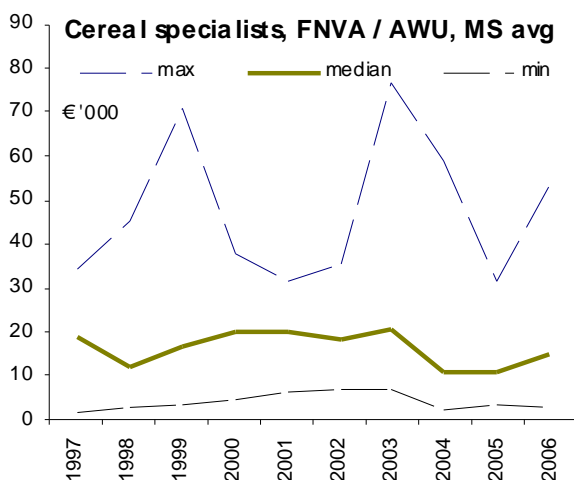
Expressed per AWU, FNVA ranged from €2 000 to over €75 000. The lowest values of FNVA/AWU were in cereal farms in Portugal, Greece and Sweden, and after the EU 2004 enlargement in Cyprus and Slovakia. The highest values came from Ireland, the United Kingdom, Germany, Austria and France.

Most often, it was the British cereal farms which had the highest values of Farm Net Income (up to €48 000), but the top FNI were also recorded in Irish, French, Austrian or Estonian holdings. In two MS, namely Denmark and Sweden, the FNI in cereal farms was negative for all or most of the period under review, dropping to €- 10 000 in certain years.

The British farms did not necessarily owe their high farm income to their revenues / cost ratio. In fact, costs in the British cereal farms were between 80% and 96% of revenues, which left them with a relatively small surplus. However, farms in the UK were the biggest in economic terms, which meant that this narrow margin translated into large amounts in absolute terms.

The negative results from Danish farms were mainly linked to their relatively high input costs. Among those, the cost of interest paid was particularly high in Denmark – up to 10 times the EU average, and making up one quarter of the input costs of Danish farms. In fact, Denmark also had the highest proportion of the cost of all external factors (wages, rent, interest). The strong recourse to external factors in Danish farming coincided with the lowest labour input of all MS.

After assuming farms' own factors costs⁹ and subtracting them from Farm Net Income, the income picture would change radically. In many MS the income would become negative, and the leading UK farms would be among those with the lowest results. Thanks to the relatively low costs of own factors, Lithuania, Latvia and Estonia would have the highest income, with producers in Ireland, Austria, Poland, Hungary, Spain and Portugal also maintaining positive income values.



⁹ See the method in point 8.5 of the Annex.

6. CONCLUSIONS

The level of margins over operating costs in the production of common wheat in the EU was estimated at 569 €/ha in 2004 and 318 €/ha in 2006 on average. The observed reduction of the margin by over 40% was mainly due to the process of decoupling direct payments. The average size of the margin varied considerably from one Member State to another. Whereas in 2004 the average common wheat margin was positive in all Member State, in 2006 the margin dropped below zero in three of the MS studied.

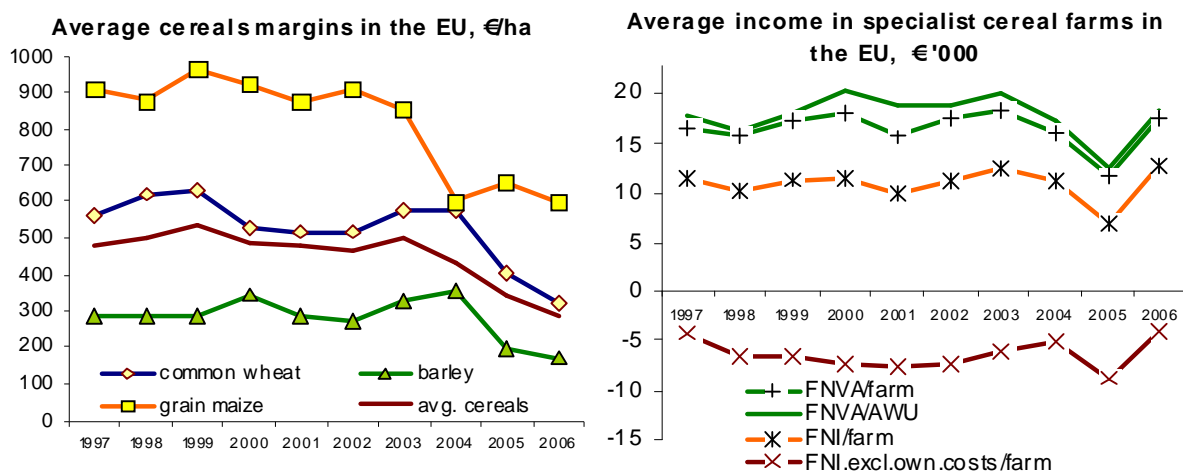
The average EU barley margin was 356 €/ha in 2004 and less than half of that - namely 173 €/ha - in 2006. Again, no negative values were observed on average in MS in 2004, but it is estimated that two years later the barley margins became negative in three MS.

The margins in grain maize production in the EU were 599 €/ha on average in 2004 and only slightly lower two years later. However, prior to 2004 the average grain maize margins had been much higher (900 €/ha). The difference since 2004 was the combined effect of including the lower margin producers from the new Member States in the average and the decoupling of direct payments.

Common wheat and grain maize margins were above average for cereals, while barley margins were lower. Analysis of the distribution of margin levels among farms within particular Member States showed that these can vary significantly. Significant number of farms in some MS may be confronted by margins that differ markedly from the national average in either direction.

The average income level of farms specialising in the production of cereals was €12 800 per farm in 2006, as measured by the Farm Net Income indicator. That was less than the average in fieldcrops farms or in other types of farms. However, when analysed per Annual Work Unit, indicators (Farm Net Value Added/AWU) demonstrated that income per AWU in specialist cereal farms was closer to the level of average fieldcrops farms and higher than in "other permanent crops" farms or in mixed production farms.

Average EU incomes measured by FNVA or FNVA/AWU in specialist cereal farms in 2006 were higher than in 2004-2005, but below the level recorded in 2003. That reduction was a statistical effect of the enlargement of the EU to include lower-income producers from the new MS. Otherwise, or expressed in FNI, in most cases the incomes of cereals producers were higher in 2006 than in previous years. Income levels also varied among MS and among farms within those MS. The highest income levels were usually recorded in the UK, Ireland, France and Germany, and the lowest in Denmark, Sweden, Portugal, Greece and Cyprus. However, if the income levels were corrected to take account of the cost of own factors, the picture would change. Due to the relatively low costs of own factors, Lithuania, Latvia and Estonia would have the highest income levels.



7. ANNEX

7.1. Cost definitions

Symbols F72, F73 etc. in the table below refer to cost items in the FADN Farm Return questionnaire. For these detailed descriptions of costs see table F in the Farm Return Data Definitions document available from:

http://circa.europa.eu/Public/irc/agri/rica/library?l=/information_documentatio/basic_definitions/ricc_1256_2008pdf/_EN_1.0_&a=d

Operating costs	Specific costs	F72 - Seeds and seedlings purchased F73 - Seeds and seedlings produced and used on the farm F74 - Fertilisers and soil improvers F75 - Crop protection products F76 - Other specific crop costs F81 - Water
	Non specific costs	F60 - Contract work (machinery hire) F61 - Current upkeep of machinery and equipment F62 - Motor fuels and lubricants F63 - Car expenses F78 - Upkeep of land improvements and buildings F79 - Electricity F80 - Heating fuels F82 - Insurance F83 - Taxes and other dues F84 - Other farming overheads

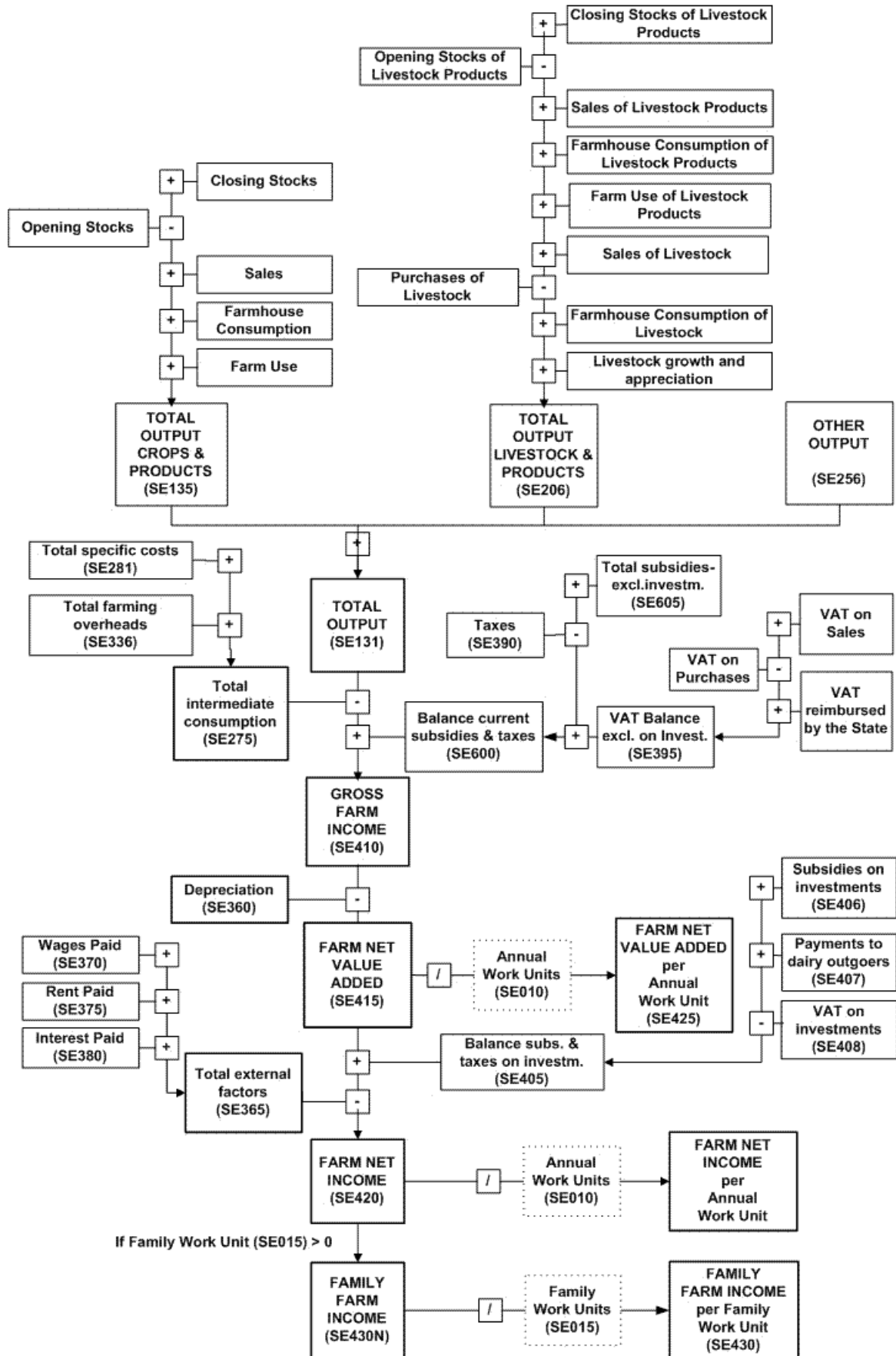
7.2. Costs allocation using the ARACOST model

Cost item per enterprise	Cost item in the FADN farm return	Allocation key
Seeds & seedlings ¹⁰	Seeds & seedlings	Output of the crop "C" / Output of arable crops
Fertilisers, crop protection, fuel	Fertilisers, crop protection, fuel	Output of the crop "C" / Output of crops & crop products
Water ¹¹	Water	Output of irrigated crop "C" / Output of irrigated crops
Other specific costs	Other specific costs	Output of the crop "C" / Output of crops & crop products
Non-specific costs	Farming overheads	Output of the crop "C" / Total output of the farm

¹⁰ Seeds and seedlings are not allocated to permanent crops, as the corresponding item on the FADN farm return only refers to arable crops. Young trees and bushes for a new plantation are considered to be an investment.

¹¹ Some M.S. do not provide separate records for irrigated crops (this is the case for Italy). In this case, farm costs relating to water are allocated using the same allocation key as for farming overheads. However, this cost is allocated only to crops that are likely to be irrigated (i.e. rice, grain maize).

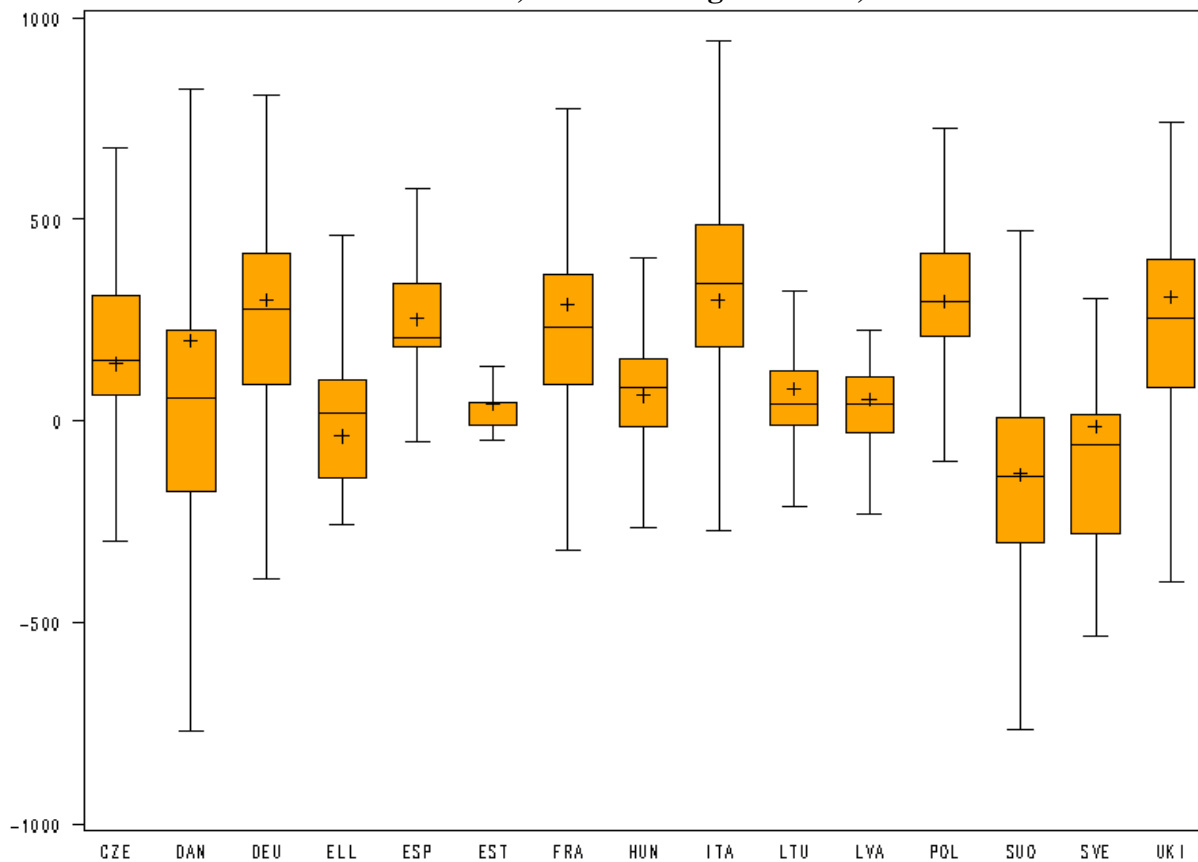
7.3. Income indicators



7.4. Distribution of values of the margins

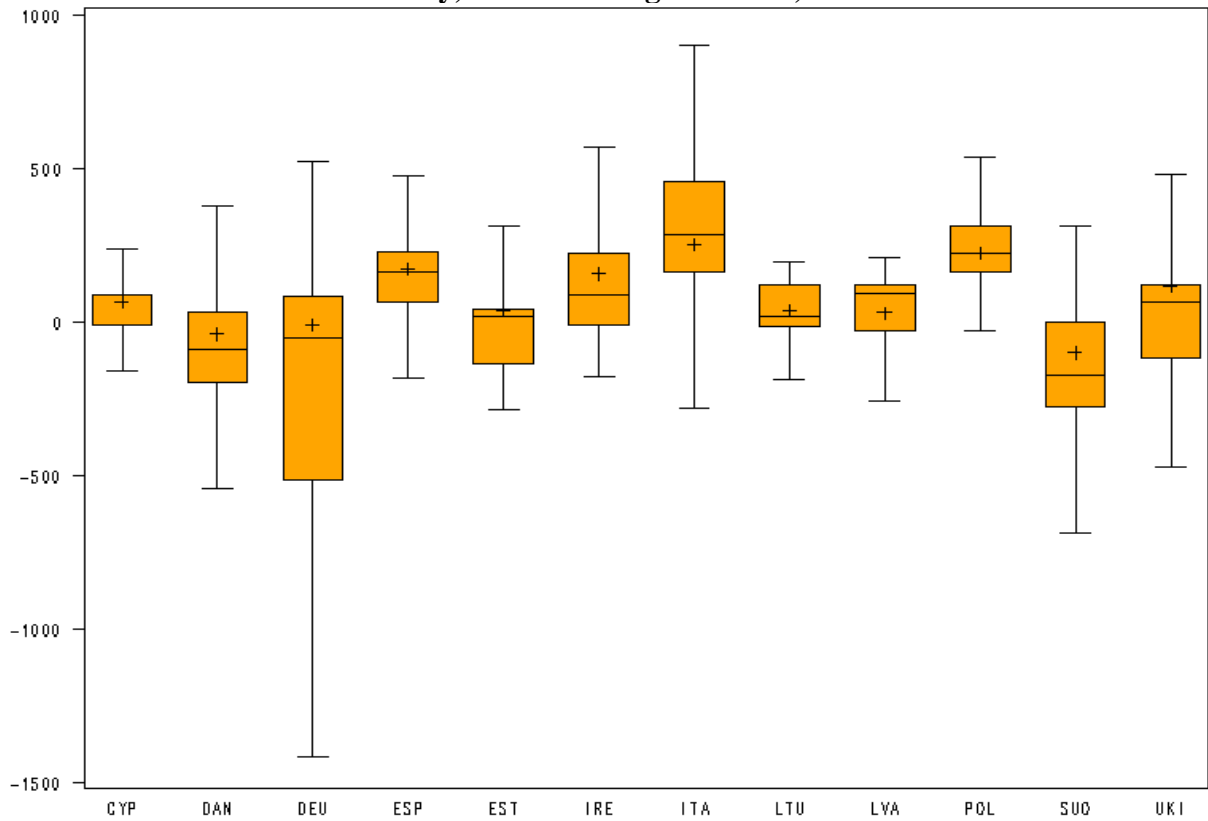
The box-plots below illustrate the distribution (i.e. the range of values and their concentration) of margins over operating costs for the specialised farms by Member State in 2006. The vertical axis represents the values of the margin over operating costs at individual farm level in €/ha. On the horizontal axis the Member States that were studied are indicated¹². The line in the box represents the median, i.e. 50% of the farmers have a margin lower than or equal to the median. The cross represents the average margin in the Member State. The box delimits the first quartile (Q1) and the third quartile (Q3), the values separating respectively one quarter and three quarters of the milk specialised farms. Thus, 50% of farms have margins between the levels indicated by the top and the bottom of the box. The whiskers represent the percentiles 1 (P1) and 99 (P99). Thus, the extreme values (1% with the highest margins and 1% with the lowest ones) are not indicated.

8.4.1 Common wheat, levels of margin in 2006, €/ ha

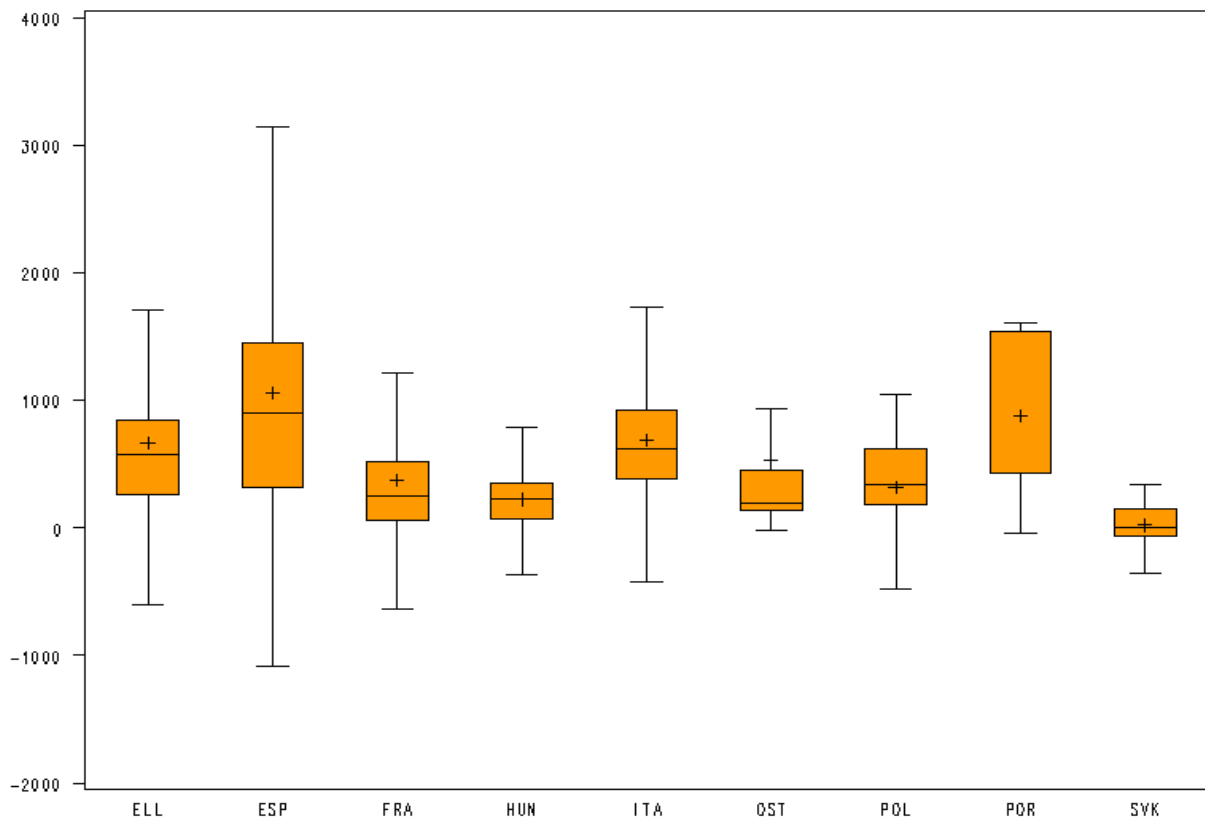


¹² CYP – Cyprus, CZE – the Czech Republic, DAN – Denmark, DEU – Germany, ELL – Greece, ESP – Spain, EST – Estonia, FRA – France, HUN – Hungary, IRE – Ireland, ITA – Italy, LTU – Lithuania, LVA – Latvia, OST – Austria, POL – Poland, POR – Portugal, SUO – Finland, SVE – Sweden, UKI – the United Kingdom

8.4.2 Barley, levels of margin in 2006, €/ ha



8.4.3 Grain maize, levels of margin in 2006, €/ ha



7.5. Farms' own factor costs

Family labour cost: calculated on the basis of the wages the farm owner would have to pay if he hired employees to do the work carried out by the family members.

It is taken as the average regional wage per hour obtained in the FADN database¹³ multiplied by the number of hours worked by family workers on the farm. The wage recorded in FADN corresponds to the gross wage plus the social security costs. The number of hours of family workers is sometimes overestimated. Thus the method uses a maximum of 3000 hours per Annual Work Unit.

Own land cost: calculated on the basis of the rent the farm owner would have to pay if he rented the land he owns.

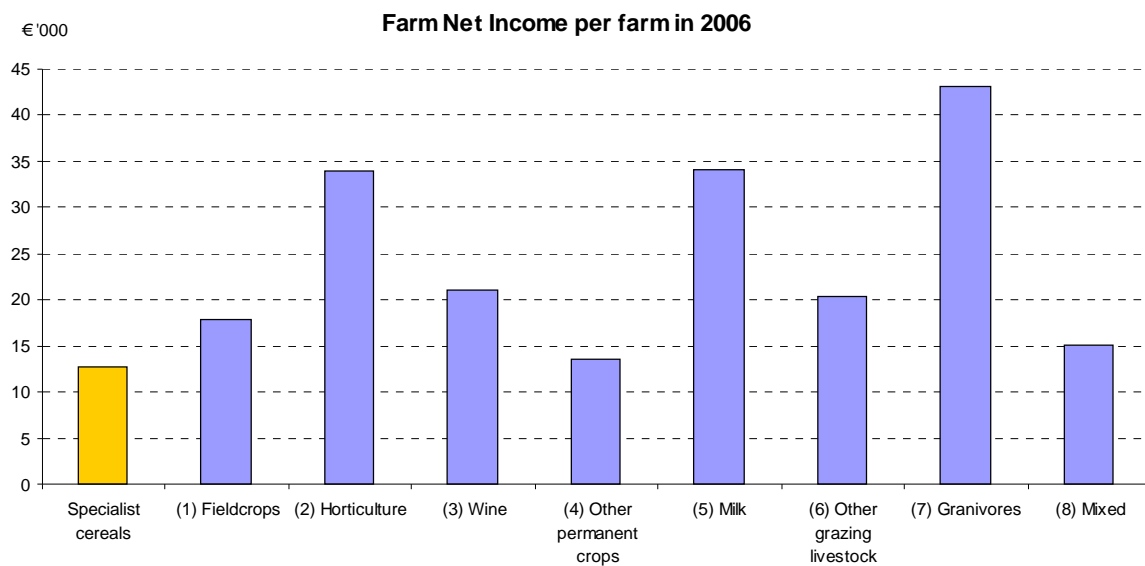
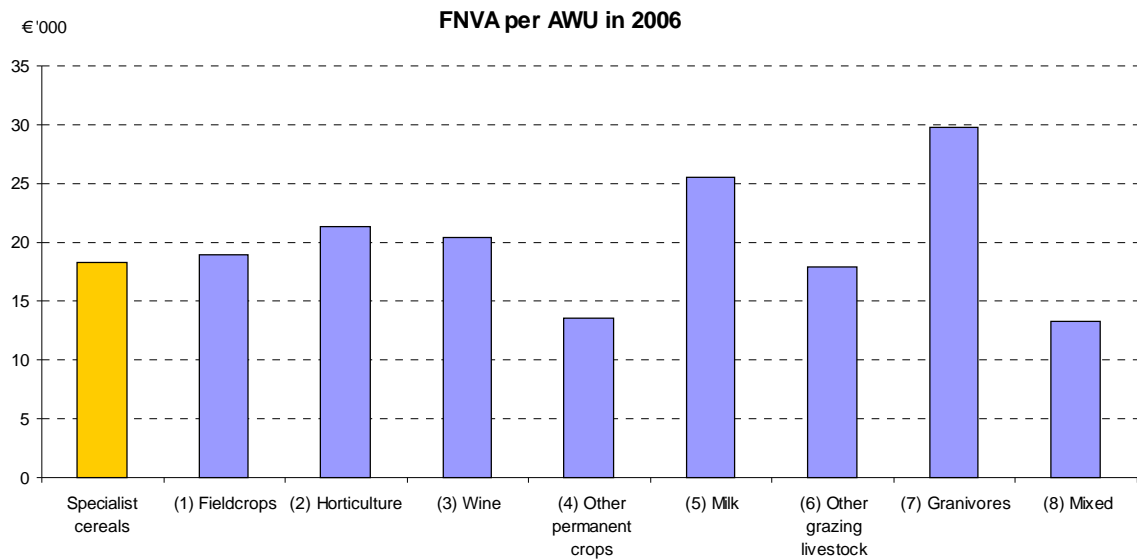
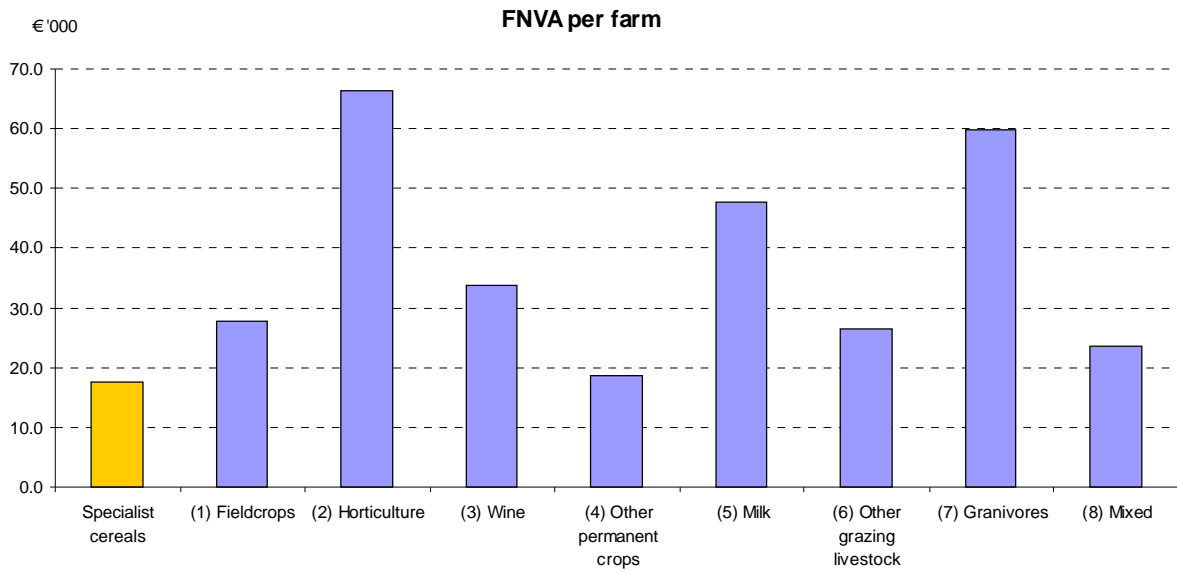
It is taken as the owned area multiplied by the rent paid per ha on the same farm or if there is no rented land on the farm by the average rent paid per ha in the same region and for the same type of farming. One limitation of this method is that often the rent may include part of the building costs which is already estimated in the own capital cost. Moreover, in Member States where the renting of land is not a common practice, the rent calculated may not properly reflect the land "value".

Own capital cost: the cost of own capital (permanent crops, buildings, machinery and equipment, forest land, livestock and crop stocks) is calculated on the basis of the interest the owner would have to pay if he borrowed all the money to buy his assets.

The interest paid on the farm specifically for the capital is not known. Nevertheless, in order to take the actual interest rate into account, a "weighted" interest rate is calculated as the weighted average of that interest rate for debts and the long-term interest rate published by EUROSTAT is taken as the net worth. In a second step, this "weighted" interest rate is corrected by the rate of inflation. The interest rate calculated on the basis of the FADN data (Total interests / Total debts at closing valuation) is used when the interest rate published by EUROSTAT is not available. The total circulating capital is not valued because of the lack of reliability of this variable in some Member States. Nevertheless, the crop stocks value is taken into account.

¹³ If there are not enough farms (fewer than 20) with paid labour at regional level, the national average is taken into account.

7.6. Income indicators – specialist cereal farms and other types of farms



7.7. Detailed tables

7.7.1. Common wheat – margins

European Union (EU-15 until 2003 and EU-25 from 2004 to 2006)

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	1593	1617	1543	1586	1362	1334	1376	2327	1999	2298
Farms represented	number	88115	87782	79466	79657	69744	72872	67788	101750	88010	108456
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	78.7	79.0	91.0	92.3	92.3	92.0	101.3	84.8	87.3	86.3
Total labour input	AWU	1.09	1.20	1.21	1.18	1.15	1.16	1.18	1.19	1.22	1.25
Common wheat area	ha	39.4	38.5	43.1	45.7	43.9	45.9	48.4	42.4	44.1	41.7
in which irrigated area	ha	0.7	0.2	0.4	0.6	0.7	0.8	0.4	0.2	0.2	0.4
Common wheat production	t	247	273	311	324	286	323	309	288	291	272
Common wheat yield	t / ha	6.3	7.1	7.2	7.1	6.5	7.0	6.4	6.8	6.6	6.5
Common wheat output	'000 €	31.4	30.9	36.0	36.2	34.2	33.5	39.0	29.5	28.9	34.6
Durum wheat	ha	0.5	0.6	0.5	0.6	0.4	0.5	0.4	0.3	0.3	0.4
Grain maize	ha	1.1	1.5	1.3	1.5	1.3	1.5	1.2	2.2	1.3	1.3
Barley	ha	9.3	8.6	9.4	10.1	10.7	10.7	11.8	8.2	7.8	8.5
Oats	ha	0.9	1.0	0.8	1.1	1.1	1.2	1.4	1.0	0.9	1.0
Rye	ha	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.8	0.5	0.5
Summer cer_mix.	ha	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Oth.cereals	ha	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.7	0.6	0.5
Total output	'000 €	60.0	59.0	68.2	67.6	64.7	63.1	73.7	55.5	55.6	65.5
Receipts from common wheat (average per farm):											
grain	€/ha	798	802	835	793	781	729	805	696	654	829
by-products (straw)	€/ha	11	11	9	9	11	11	10	9	7	9
coupled direct payments	€/ha	291	380	377	307	327	330	327	393	283	82
other crop-specific subsidies (incl. top-ups)	€/ha	2	1	2	1	0	0		7	8	9
Receipts per hectare	€/ha	1101	1194	1222	1110	1118	1070	1143	1105	952	929
Receipts per tonne of grain	€/t	176	169	169	156	171	152	179	163	144	143
Common wheat production operating costs (average per farm):											
Specific costs	€/ha	315	333	346	328	342	314	309	293	303	327
including:											
Seeds	€/ha	64	63	66	61	61	57	57	53	52	55
Fertilizers	€/ha	125	126	123	116	134	121	117	116	123	135
Crop protection	€/ha	115	133	143	135	135	124	123	114	117	122
Water	€/ha	1	0	0	1	0	1	0	0	0	1
Other specific costs	€/ha	11	11	13	16	11	11	13	10	11	13
Non-specific costs	€/ha	228	244	249	258	265	245	263	243	248	284
including: motor fuels and lubricants	€/ha	36	36	40	52	54	44	44	50	60	69
machines & buildings upkeep	€/ha	69	68	74	78	80	71	76	63	61	71
Contract work	€/ha	42	46	43	47	45	47	50	49	46	54
Energy	€/ha	10	10	9	11	11	9	9	9	10	11
Other direct costs	€/ha	72	84	82	71	76	74	83	71	70	79
Operating costs per hectare	€/ha	543	578	595	586	607	559	572	536	551	611
Operating costs per tonne of grain	€/t	87	82	82	83	93	80	90	79	84	94
Margin: receipts over operating costs per hectare											
without direct payments	€/ha	265	235	249	215	185	180	244	169	109	227
with coupled direct payments	€/ha	558	617	627	523	511	511	571	569	401	318
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t	42	33	34	30	28	26	38	25	17	35
with coupled direct payments	€/t	89	87	87	74	78	73	89	84	61	49
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	8%	8%	8%	11%	11%	10%	9%	11%	13%	13%
(B = fertilisers & crop prot.)/operating c.	%	44%	45%	45%	43%	44%	44%	42%	43%	44%	42%
(C = A + B) /operating costs	%	53%	53%	53%	53%	55%	53%	51%	54%	56%	55%

Czech Republic

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								93	64	110
Farms represented	number								1235	1068	1690
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								142.6	113.7	113.0
Total labour input	AWU								2.37	1.77	2.13
Common wheat area	ha								76.9	63.2	60.3
in which irrigated area	ha										
Common wheat production	t								436	309	305
Common wheat yield	t / ha								5.7	4.9	5.1
Common wheat output	'000 €								41.7	28.6	35.8
Durum wheat	ha										
Grain maize	ha								4.8	2.1	4.7
Barley	ha								21.2	19.4	17.2
Oats	ha								2.1	1.7	0.7
Rye	ha								1.3	1.2	0.7
Summer cer_mix.	ha										
Oth.cereals	ha								1.2	0.1	0.3
Total output	'000 €								83.0	57.9	72.0
Receipts from common wheat (average per farm):											
grain	€/ha								543	452	595
by-products (straw)	€/ha								3	2	1
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								545	454	596
Receipts per tonne of grain	€/t								96	93	118
Common wheat production operating costs (average per farm):											
Specific costs	€/ha								194	181	222
including:											
Seeds	€/ha								51	50	56
Fertilizers	€/ha								71	63	80
Crop protection	€/ha								71	64	77
Water	€/ha										
Other specific costs	€/ha								2	4	8
Non-specific costs	€/ha								171	178	231
including: motor fuels and lubricants	€/ha								62	65	77
machines & buildings upkeep	€/ha								35	38	80
Contract work	€/ha								28	39	34
Energy	€/ha								4	5	7
Other direct costs	€/ha								42	31	33
Operating costs per hectare	€/ha								365	359	453
Operating costs per tonne of grain	€/t								64	73	90
Margin: receipts over operating costs per hectare											
without direct payments	€/ha								180	95	143
with coupled direct payments	€/ha								180	95	143
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t								32	19	28
with coupled direct payments	€/t								32	19	28
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								18%	19%	19%
(B = fertilisers & crop prot.)/operating c.	%								39%	35%	35%
(C = A + B) /operating costs	%								57%	55%	53%

Denmark

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	128	121	87	91	100	85	112	113	88	97
Farms represented	number	5140	5221	4499	4524	4480	3346	4246	4104	3325	3261
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	49.7	46.6	40.7	44.9	44.6	46.7	51.2	52.6	56.2	57.5
Total labour input	AWU	0.65	0.64	0.59	0.59	0.57	0.56	0.58	0.58	0.62	0.60
Common wheat area	ha	27.7	25.3	21.4	25.0	24.8	27.3	28.4	28.8	34.4	34.8
in which irrigated area	ha										
Common wheat production	t	201	194	155	192	201	202	200	191	239	232
Common wheat yield	t / ha	7.3	7.7	7.2	7.7	8.1	7.4	7.0	6.6	7.0	6.7
Common wheat output	'000 €	24.1	20.6	17.1	21.1	22.8	20.0	24.4	21.4	24.4	29.2
Durum wheat	ha										
Grain maize	ha										
Barley	ha	8.8	6.5	7.0	8.4	8.8	8.7	9.3	9.0	8.5	8.0
Oats	ha	0.2	0.3	0.0	0.8	0.5	0.4	0.7	1.0	0.6	1.3
Rye	ha	1.2	1.3	1.0	0.5	0.4	0.4	0.6	0.5	0.8	0.4
Summer cer_mix.	ha			0.0				0.0			0.0
Oth.cereals	ha										0.3
Total output	'000 €	43.8	38.9	31.3	37.9	41.3	35.7	46.1	40.2	44.4	51.6
Receipts from common wheat (average per farm):											
grain	€/ha	870	817	798	845	917	735	861	743	711	839
by-products (straw)	€/ha	16	22	24	18	33	40	32	25	41	25
coupled direct payments	€/ha	287	388	368	302	324	319	320	321		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1173	1227	1189	1166	1273	1093	1213	1088	752	864
Receipts per tonne of grain	€/t	162	160	164	152	157	147	172	164	108	130
Common wheat production operating costs (average per farm):											
Specific costs	€/ha	272	291	285	275	298	299	287	282	271	262
including:											
Seeds	€/ha	58	60	58	60	60	65	63	69	60	52
Fertilizers	€/ha	127	124	117	109	136	119	99	100	107	94
Crop protection	€/ha	74	87	90	87	82	91	95	88	83	83
Water	€/ha										
Other specific costs	€/ha	13	20	20	19	20	24	29	24	22	33
Non-specific costs	€/ha	294	305	338	328	346	356	351	361	355	378
including: motor fuels and lubricants	€/ha	25	20	26	40	37	32	35	36	43	49
machines & buildings upkeep	€/ha	132	131	155	141	149	149	144	140	124	138
Contract work	€/ha	57	64	53	49	58	49	53	67	69	65
Energy	€/ha	8	12	12	13	17	16	13	11	15	16
Other direct costs	€/ha	72	78	91	85	85	110	106	108	105	109
Operating costs per hectare	€/ha	566	596	623	604	644	655	637	643	627	640
Operating costs per tonne of grain	€/t	78	78	86	79	80	88	90	97	90	96
Margin: receipts over operating costs per hectare											
without direct payments	€/ha	319	243	198	260	306	119	255	124	126	224
with coupled direct payments	€/ha	606	631	566	562	629	438	575	445	126	224
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t	44	32	27	34	38	16	36	19	18	34
with coupled direct payments	€/t	84	82	78	73	78	59	82	67	18	34
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	6%	5%	6%	9%	8%	7%	7%	7%	9%	10%
(B = fertilisers & crop prot.)/operating c.	%	36%	35%	33%	32%	34%	32%	31%	29%	30%	28%
(C = A + B) /operating costs	%	41%	41%	39%	41%	42%	39%	38%	37%	40%	38%

Germany (*)

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	166	131	163	188	167	140	184	161	149	240
Farms represented	number	3545	3267	3841	4252	4399	3519	4813	3797	3562	6123
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	173.0	160.3	159.1	165.3	138.2	157.2	137.0	172.6	193.3	163.4
Total labour input	AWU	2.25	2.25	2.02	2.00	1.82	1.77	1.65	1.81	1.88	1.69
Common wheat area	ha	88.7	82.4	77.2	82.5	69.6	81.7	69.4	87.8	103.9	79.9
in which irrigated area	ha										
Common wheat production	t	682	598	614	611	552	567	474	699	796	599
Common wheat yield	t / ha	7.7	7.3	8.0	7.4	7.9	6.9	6.8	8.0	7.7	7.5
Common wheat output	'000 €	88.4	72.8	74.1	75.6	66.3	61.2	61.2	72.4	80.8	81.4
Durum wheat	ha					0.1		0.1		0.2	0.3
Grain maize	ha	0.3	0.3	0.3	1.0	0.6	0.2	0.3	1.2	0.4	0.7
Barley	ha	22.4	19.7	19.8	21.9	15.8	15.2	15.5	17.4	20.2	20.6
Oats	ha	1.8	1.5	1.1	1.1	0.9	1.3	1.8	1.9	1.4	1.1
Rye	ha	3.6	3.7	3.2	3.4	2.6	2.1	0.9	2.8	1.6	1.1
Summer cer_mix.	ha	0.0				0.0	0.1				
Oth.cereals	ha	1.9	1.0	0.9	0.8	1.7	1.2	1.1	1.3	1.4	0.7
Total output	'000 €	178.6	149.4	152.4	153.4	136.5	125.2	123.8	155.0	166.2	171.2

Receipts from common wheat (average per farm):

grain	€/ha	997	884	960	916	952	750	882	825	777	1019
by-products (straw)	€/ha	16	3	2	2	3	3	3	4	3	4
coupled direct payments	€/ha	324	338	327	330	363	358	363	354		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1337	1225	1289	1248	1318	1111	1248	1183	780	1022
Receipts per tonne of grain	€/t	174	169	162	169	166	160	183	149	102	136

Common wheat production operating costs (average per farm):

Specific costs	€/ha	320	294	316	330	317	304	323	291	328	385
including:											
Seeds	€/ha	58	61	57	54	59	61	59	52	54	66
Fertilizers	€/ha	113	103	111	133	120	110	120	112	130	153
Crop protection	€/ha	142	120	136	131	131	124	136	116	130	151
Water	€/ha										
Other specific costs	€/ha	7	10	13	12	7	10	8	11	14	15
Non-specific costs	€/ha	290	337	308	307	314	314	303	301	281	334
including: motor fuels and lubricants	€/ha	57	56	68	78	82	75	71	79	89	95
machines & buildings upkeep	€/ha	87	87	90	74	80	75	77	65	62	84
Contract work	€/ha	48	49	39	48	45	51	46	57	40	50
Energy	€/ha	7	8	9	8	10	9	9	10	11	11
Other direct costs	€/ha	91	138	102	99	97	104	101	90	80	95
Operating costs per hectare	€/ha	610	631	624	636	631	617	626	591	609	719
Operating costs per tonne of grain	€/t	79	87	78	86	80	89	92	74	80	96

Margin: receipts over operating costs per hectare

without direct payments	€/ha	403	256	338	282	324	135	259	237	171	304
with coupled direct payments	€/ha	727	595	665	612	687	493	622	591	171	304

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	52	35	42	38	41	19	38	30	22	41
with coupled direct payments	€/t	95	82	84	83	87	71	91	74	22	41

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	11%	10%	12%	14%	14%	14%	13%	15%	16%	15%
(B = fertilisers & crop prot.)/operating c.	%	42%	35%	40%	41%	40%	38%	41%	39%	43%	42%
(C = A + B) /operating costs	%	52%	46%	52%	55%	54%	51%	54%	54%	59%	57%

(*) data provisional

Greece

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	46	59	40	45	36	31	16	18	20	37
Farms represented	number	2736	3288	2452	3142	2496	4258	1155	992	1553	3200
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	23.8	27.5	23.4	22.7	21.7	15.8	29.9	39.5	25.6	23.2
Total labour input	AWU	1.36	1.31	1.26	0.85	0.77	0.92	0.98	1.15	1.03	0.88
Common wheat area	ha	16.8	17.3	14.4	14.3	12.8	8.9	17.3	20.2	16.3	12.3
in which irrigated area	ha				0.3	0.3					0.1
Common wheat production	t	44	49	40	38	44	27	47	76	54	35
Common wheat yield	t / ha	2.6	2.8	2.8	2.7	3.4	3.0	2.7	3.7	3.3	2.9
Common wheat output	'000 €	7.2	7.1	5.5	5.5	6.9	3.6	7.0	11.1	6.7	4.7
Durum wheat	ha	3.1	4.8	3.9	4.7	4.7	2.5	5.3	6.6	4.5	3.9
Grain maize	ha		0.1	0.3					0.1	0.0	0.1
Barley	ha	0.7	0.6	1.1	1.2	0.6	0.1	2.4	4.2	1.2	0.6
Oats	ha	0.8	0.6	0.7	0.5	0.2					0.1
Rye	ha	0.1	0.2	0.2	0.0						
Summer cer_mix.	ha										
Oth.cereals	ha			0.2		0.1	0.1				
Total output	'000 €	12.2	12.1	9.4	9.7	12.0	7.0	12.2	17.3	9.6	7.8
Receipts from common wheat (average per farm):											
grain	€/ha	427	407	382	386	540	408	405	549	412	386
by-products (straw)	€/ha	16		1		1					
coupled direct payments	€/ha	135	145	134	138	150	154	152	153	155	
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	578	552	517	524	691	562	557	702	567	386
Receipts per tonne of grain	€/t	223	197	184	197	202	184	207	188	171	134
Common wheat production operating costs (average per farm):											
Specific costs	€/ha	182	183	196	187	204	175	203	239	214	220
including:											
Seeds	€/ha	51	49	54	52	55	50	51	53	40	54
Fertilizers	€/ha	87	86	96	94	101	87	102	126	125	110
Crop protection	€/ha	36	38	38	32	36	29	39	46	40	45
Water	€/ha										1
Other specific costs	€/ha	8	9	8	9	12	10	10	13	9	11
Non-specific costs	€/ha	96	103	120	108	109	92	99	132	162	204
including: motor fuels and lubricants	€/ha	41	43	43	44	48	40	48	64	62	61
machines & buildings upkeep	€/ha	12	16	18	16	15	15	23	17	27	27
Contract work	€/ha	38	39	49	42	42	29	26	39	51	66
Energy	€/ha	3	4	7	3	0	6	2	6	13	11
Other direct costs	€/ha	2	2	3	4	3	2	0	6	9	39
Operating costs per hectare	€/ha	279	286	315	296	313	267	302	371	376	424
Operating costs per tonne of grain	€/t	107	102	113	111	91	88	112	99	113	147
Margin: receipts over operating costs per hectare											
without direct payments	€/ha	164	121	67	91	228	141	103	178	36	-38
with coupled direct payments	€/ha	300	266	201	229	378	295	255	331	191	-38
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t	63	43	24	34	67	46	38	48	11	-13
with coupled direct payments	€/t	115	95	72	86	111	97	95	89	58	-13
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	16%	16%	16%	16%	16%	17%	17%	19%	20%	17%
(B = fertilisers & crop prot.)/operating c.	%	44%	43%	42%	43%	44%	43%	47%	46%	44%	36%
(C = A + B) /operating costs	%	60%	60%	58%	58%	59%	60%	63%	65%	64%	53%

Spain (*)

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	258	195	199	249	209	208	173	164	125	126
Farms represented	number	24358	10790	14803	16620	14970	16990	12851	9740	8742	11988
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	54.0	77.3	58.4	62.7	55.0	58.8	78.4	78.8	64.7	61.9
Total labour input	AWU	0.61	0.91	0.89	0.93	0.99	0.87	0.91	0.93	0.94	0.93
Common wheat area	ha	27.1	35.7	29.3	30.6	27.4	28.6	35.2	35.8	29.1	27.6
in which irrigated area	ha	2.6	1.4	2.3	2.9	3.4	3.4	1.4	1.2	1.7	2.8
Common wheat production	t	76	115	93	111	77	95	109	119	68	92
Common wheat yield	t / ha	2.8	3.2	3.2	3.6	2.8	3.3	3.1	3.3	2.3	3.3
Common wheat output	'000 €	11.9	15.7	12.3	13.3	10.9	12.3	14.3	16.0	9.1	12.8
Durum wheat	ha	0.7	1.1	0.1	0.3	0.1	0.9	0.2	1.0	0.1	0.1
Grain maize	ha	0.1	0.1	0.1	0.2	0.0	0.1	0.3	0.4	0.4	0.1
Barley	ha	8.6	17.6	12.1	13.0	10.5	12.7	19.0	17.5	14.7	14.9
Oats	ha	0.5	0.5	0.4	0.9	0.5	0.4	0.6	1.3	0.9	0.7
Rye	ha	0.1	0.2	0.3	0.5	0.4	0.4	0.5	0.8	0.0	0.0
Summer cer_mix.	ha										
Oth.cereals	ha		0.0			0.0	0.1		0.2	0.1	
Total output	'000 €	19.4	26.7	19.5	22.6	17.5	19.9	25.8	29.7	16.2	22.9

Receipts from common wheat (average per farm):

grain	€/ha	439	440	419	435	398	430	405	448	312	464
by-products (straw)	€/ha	16	16	5	9	11	7	15	19	6	6
coupled direct payments	€/ha	144	138	194	163	182	187	168	166	172	43
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	598	594	618	607	590	623	588	632	491	513
Receipts per tonne of grain	€/t	212	184	195	168	210	188	189	191	210	155

Common wheat production operating costs (average per farm):

Specific costs	€/ha	139	165	135	124	131	151	123	129	135	130
including:											
Seeds	€/ha	46	46	48	40	43	43	37	39	40	39
Fertilizers	€/ha	63	88	61	59	66	78	66	70	68	65
Crop protection	€/ha	15	21	19	14	15	16	18	16	18	18
Water	€/ha	6	1	4	7	4	10	2	1	6	8
Other specific costs	€/ha	8	8	5	3	4	3	1	2	3	0
Non-specific costs	€/ha	98	103	100	111	113	115	94	97	117	124
including: motor fuels and lubricants	€/ha	22	22	31	34	38	35	33	30	37	41
machines & buildings upkeep	€/ha	18	22	23	25	28	25	18	24	19	29
Contract work	€/ha	30	24	24	29	29	32	29	26	34	34
Energy	€/ha	7	8	4	4	2	3	2	5	12	4
Other direct costs	€/ha	22	27	17	19	16	20	13	12	15	16
Operating costs per hectare	€/ha	237	267	235	235	244	266	218	226	251	254
Operating costs per tonne of grain	€/t	84	83	74	65	87	80	70	68	107	77

Margin: receipts over operating costs per hectare

without direct payments	€/ha	217	189	189	209	164	170	202	241	67	216
with coupled direct payments	€/ha	361	326	383	372	346	357	371	406	239	259

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	77	59	60	58	58	51	65	73	29	65
with coupled direct payments	€/t	128	101	121	103	123	108	119	122	102	78

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	12%	11%	15%	16%	16%	14%	16%	15%	20%	18%
(B = fertilisers & crop prot.)/operating c.	%	33%	41%	34%	31%	33%	35%	38%	38%	34%	33%
(C = A + B) /operating costs	%	45%	52%	48%	47%	49%	50%	55%	54%	54%	51%

(*) data provisional

Estonia

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								22	17	21
Farms represented	number								144	105	167
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								228.2	209.6	205.7
Total labour input	AWU								1.96	1.66	1.58
Common wheat area	ha								96.5	109.7	93.7
in which irrigated area	ha										
Common wheat production	t								268	340	235
Common wheat yield	t / ha								2.8	3.1	2.5
Common wheat output	'000 €								28.8	33.4	26.2
Durum wheat	ha										
Grain maize	ha										
Barley	ha								42.8	32.5	29.8
Oats	ha								3.1	6.0	7.4
Rye	ha								2.5	2.2	3.1
Summer cer_mix.	ha										
Oth.cereals	ha								0.2		
Total output	'000 €								58.6	70.4	50.5
Receipts from common wheat (average per farm):											
grain	€/ha								299	304	279
by-products (straw)	€/ha	16									
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	16							299	304	279
Receipts per tonne of grain	€/t								108	98	111
Common wheat production operating costs (average per farm):											
Specific costs	€/ha								180	127	130
including:											
Seeds	€/ha								38	31	30
Fertilizers	€/ha								70	57	65
Crop protection	€/ha								38	25	30
Water	€/ha										
Other specific costs	€/ha								35	14	4
Non-specific costs	€/ha								88	98	108
including: motor fuels and lubricants	€/ha								39	34	37
machines & buildings upkeep	€/ha								19	15	25
Contract work	€/ha								9	15	25
Energy	€/ha								6	4	8
Other direct costs	€/ha								15	30	13
Operating costs per hectare	€/ha								269	225	238
Operating costs per tonne of grain	€/t								97	72	95
Margin: receipts over operating costs per hectare											
without direct payments	€/ha								30	79	41
with coupled direct payments	€/ha								30	79	41
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t								11	26	16
with coupled direct payments	€/t								11	26	16
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								17%	17%	19%
(B = fertilisers & crop prot.)/operating c.	%								40%	36%	40%
(C = A + B) /operating costs	%								57%	53%	59%

France

farms specialised in common wheat production: 40 % or more of output from common wheat production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	499	597	602	524	447	471	388	403	342	441
Farms represented	number	22939	27328	26576	23098	21029	21924	18616	21061	19058	25009

Structural information (average per farm):

Total Utilised Agricult. Area	ha	107.6	105.4	115.3	115.0	112.7	112.0	113.7	111.4	106.4	110.7
Total labour input	AWU	1.26	1.23	1.29	1.29	1.22	1.36	1.37	1.29	1.28	1.29
Common wheat area	ha	50.4	48.8	51.8	54.0	50.9	53.6	52.8	52.4	50.4	50.5
in which irrigated area	ha										
Common wheat production	t	357	399	403	411	357	415	339	405	363	355
Common wheat yield	t / ha	7.1	8.2	7.8	7.6	7.0	7.7	6.4	7.7	7.2	7.0
Common wheat output	'000 €	43.3	42.5	44.3	42.9	40.2	41.0	41.1	39.6	34.6	43.1
Durum wheat	ha	0.6	0.7	0.7	1.0	0.4	0.3	0.7	0.8	0.8	0.9
Grain maize	ha	3.9	4.3	3.6	4.0	3.8	4.4	3.4	5.1	3.1	3.2
Barley	ha	11.3	9.7	10.3	10.3	13.2	12.1	11.4	9.8	9.4	10.7
Oats	ha	0.3	0.5	0.2	0.1	0.4	0.5	0.6	0.3	0.4	0.4
Rye	ha	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
Summer cer_mix.	ha	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1		
Oth.cereals	ha	0.2	0.2	0.3	0.3	0.3	0.3	0.5	1.1	0.4	0.5
Total output	'000 €	87.6	84.3	87.2	85.1	80.5	81.4	83.1	79.5	70.7	85.6

Receipts from common wheat (average per farm):

grain	€/ha	861	870	854	794	790	766	779	755	686	853
by-products (straw)	€/ha	16	6	5	7	10	8	10	12	5	5
coupled direct payments	€/ha	323	322	324	324	353	369	368	365	350	89
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1199	1199	1183	1125	1154	1143	1156	1132	1041	947
Receipts per tonne of grain	€/t	169	147	152	148	164	148	180	147	144	135

Common wheat production operating costs (average per farm):

Specific costs	€/ha	345	378	386	362	400	345	336	343	348	365
including:											
Seeds	€/ha	60	64	65	60	60	55	57	54	48	52
Fertilizers	€/ha	142	148	150	133	164	138	133	135	147	156
Crop protection	€/ha	141	164	170	166	173	153	146	153	152	157
Water	€/ha										
Other specific costs	€/ha	2	2	2	2	2	0	0	0	0	0
Non-specific costs	€/ha	225	231	236	243	249	234	241	249	250	288
including:											
motor fuels and lubricants	€/ha	31	29	31	39	42	32	33	36	42	53
machines & buildings upkeep	€/ha	65	62	64	67	64	63	66	66	61	69
Contract work	€/ha	31	36	34	35	34	34	36	41	41	51
Energy	€/ha	10	9	9	9	9	7	8	7	7	8
Other direct costs	€/ha	89	96	98	92	99	98	99	98	98	107
Operating costs per hectare	€/ha	570	610	622	604	649	579	577	591	597	653
Operating costs per tonne of grain	€/t	80	75	80	79	92	75	90	77	83	93

Margin: receipts over operating costs per hectare

without direct payments	€/ha	307	267	237	197	152	195	212	175	94	206
with coupled direct payments	€/ha	629	589	561	521	505	564	579	541	444	294

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	43	33	30	26	22	25	33	23	13	29
with coupled direct payments	€/t	89	72	72	68	72	73	90	70	62	42

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	7%	6%	6%	8%	8%	7%	7%	7%	8%	9%
(B = fertilisers & crop prot.)/operating c.	%	50%	51%	51%	50%	52%	50%	48%	49%	50%	48%
(C = A + B) /operating costs	%	57%	57%	58%	58%	60%	57%	55%	56%	58%	57%

Hungary

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								210	126	96
Farms represented	number								11282	4038	5420
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								42.5	75.8	50.8
Total labour input	AWU								0.58	0.89	0.64
Common wheat area	ha								22.8	41.7	26.5
in which irrigated area	ha										
Common wheat production	t								125	183	109
Common wheat yield	t / ha								5.5	4.4	4.1
Common wheat output	'000 €								11.9	15.2	11.1
Durum wheat	ha										
Grain maize	ha								5.4	4.4	3.2
Barley	ha								2.7	3.0	3.2
Oats	ha								0.3	0.5	0.1
Rye	ha								0.1	0.3	
Summer cer_mix.	ha										
Oth.cereals	ha								0.6	1.1	0.3
Total output	'000 €								22.5	28.1	19.5
Receipts from common wheat (average per farm):											
grain	€/ha								521	365	419
by-products (straw)	€/ha	16							6	2	2
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	16							526	366	421
Receipts per tonne of grain	€/t								96	84	102
Common wheat production operating costs (average per farm):											
Specific costs	€/ha								153	136	145
including:											
Seeds	€/ha								44	41	39
Fertilizers	€/ha								59	55	61
Crop protection	€/ha								42	35	40
Water	€/ha										
Other specific costs	€/ha								8	5	4
Non-specific costs	€/ha								188	170	211
including: motor fuels and lubricants	€/ha								64	73	86
machines & buildings upkeep	€/ha								22	21	23
Contract work	€/ha								67	46	73
Energy	€/ha								6	8	7
Other direct costs	€/ha								28	24	22
Operating costs per hectare	€/ha								341	307	356
Operating costs per tonne of grain	€/t								62	70	86
Margin: receipts over operating costs per hectare											
without direct payments	€/ha								185	60	65
with coupled direct payments	€/ha								185	60	65
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t								34	14	16
with coupled direct payments	€/t								34	14	16
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								21%	26%	26%
(B = fertilisers & crop prot.)/operating c.	%								30%	30%	29%
(C = A + B) /operating costs	%								50%	56%	55%

Italy

farms specialised in common wheat production: 40 % or more of output from common wheat production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	120	126	107	86	82	63	69	65	112	113
Farms represented	number	13127	22681	12889	11348	6977	6193	6910	6129	9575	9413

Structural information (average per farm):

Total Utilised Agricult. Area	ha	10.1	8.6	10.9	9.7	12.0	12.9	15.4	12.3	13.1	16.2
Total labour input	AWU	0.87	1.02	0.89	0.70	0.75	0.82	0.91	0.90	0.75	0.99
Common wheat area	ha	7.0	5.7	6.6	5.7	7.3	8.5	9.8	8.1	8.2	9.6
in which irrigated area	ha							1.4	1.4	0.6	1.1
Common wheat production	t	36	32	33	33	36	44	54	48	48	55
Common wheat yield	t / ha	5.1	5.6	5.0	5.9	5.0	5.2	5.5	5.9	5.9	5.8
Common wheat output	'000 €	5.8	4.8	4.9	5.2	5.5	6.3	8.0	6.2	6.6	8.1
Durum wheat	ha	0.1	0.0	0.1	0.1	0.1		0.0	0.1	0.2	0.1
Grain maize	ha	0.2	0.3	0.5	1.2	1.0	0.9	1.8	1.2	1.4	1.0
Barley	ha	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.3
Oats	ha	0.0	0.1	0.0	0.1			0.0		0.0	0.1
Rye	ha										
Summer cer_mix.	ha										
Oth.cereals	ha	0.0	0.0		0.1	0.2		0.4	0.3	0.3	0.4
Total output	'000 €	9.4	7.9	8.9	9.1	9.4	10.6	13.0	10.8	11.8	14.3

Receipts from common wheat (average per farm):

grain	€/ha	833	844	740	913	751	745	815	773	809	839
by-products (straw)	€/ha	16	132	51	29	37	37	27	83	42	54
coupled direct payments	€/ha	223	384	523	268	298	325	275	285		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1072	1359	1314	1210	1086	1107	1117	1142	851	893
Receipts per tonne of grain	€/t	211	245	261	207	216	211	204	194	145	155

Common wheat production operating costs (average per farm):

Specific costs	€/ha	183	155	182	240	198	204	240	225	210	246
including:											
Seeds	€/ha	58	60	67	91	74	72	78	74	84	70
Fertilizers	€/ha	72	60	71	86	74	82	86	87	72	90
Crop protection	€/ha	44	32	38	50	47	47	74	60	51	51
Water	€/ha							0			2
Other specific costs	€/ha	8	4	7	13	4	3	2	4	3	34
Non-specific costs	€/ha	276	303	204	253	281	227	326	244	276	295
including: motor fuels and lubricants	€/ha	66	76	59	83	88	60	90	74	85	90
machines & buildings upkeep	€/ha	36	42	34	36	30	27	58	26	29	34
Contract work	€/ha	75	90	67	72	75	66	47	66	77	94
Energy	€/ha	11	1	0	1	0	0	2	3	1	0
Other direct costs	€/ha	87	94	43	61	88	74	128	74	84	77
Operating costs per hectare	€/ha	459	458	386	493	479	431	566	469	487	540
Operating costs per tonne of grain	€/t	90	82	77	84	95	82	103	80	83	94

Margin: receipts over operating costs per hectare

without direct payments	€/ha	389	517	405	449	309	352	276	388	364	352
with coupled direct payments	€/ha	613	901	928	717	607	677	551	673	364	352

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	77	93	81	77	62	67	50	66	62	61
with coupled direct payments	€/t	121	162	185	123	121	129	101	114	62	61

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	17%	17%	16%	17%	18%	14%	16%	16%	18%	17%
(B = fertilisers & crop prot.)/operating c.	%	25%	20%	28%	28%	25%	30%	28%	31%	25%	26%
(C = A + B) /operating costs	%	42%	37%	44%	45%	44%	44%	45%	48%	43%	43%

Lithuania

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								241	196	139
Farms represented	number								2323	2270	1506
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								115.4	101.3	105.4
Total labour input	AWU								1.98	1.68	1.81
Common wheat area	ha								55.6	52.5	53.0
in which irrigated area	ha										
Common wheat production	t								285	260	165
Common wheat yield	t / ha								5.1	5.0	3.1
Common wheat output	'000 €								27.0	21.5	19.0
Durum wheat	ha										
Grain maize	ha										
Barley	ha								15.9	14.5	16.7
Oats	ha								0.4	0.3	0.8
Rye	ha								0.4	0.8	0.4
Summer cer_mix.	ha								0.1	0.0	0.3
Oth.cereals	ha								2.1	1.8	2.9
Total output	'000 €								49.2	38.6	35.6
Receipts from common wheat (average per farm):											
grain	€/ha								486	409	358
by-products (straw)	€/ha								1	0	0
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								486	409	358
Receipts per tonne of grain	€/t								95	83	115
Common wheat production operating costs (average per farm):											
Specific costs	€/ha								203	187	193
including:											
Seeds	€/ha								35	32	41
Fertilizers	€/ha								96	97	100
Crop protection	€/ha								54	50	48
Water	€/ha										
Other specific costs	€/ha								18	7	4
Non-specific costs	€/ha								77	85	85
including: motor fuels and lubricants	€/ha								44	48	47
machines & buildings upkeep	€/ha								15	17	18
Contract work	€/ha								2	4	4
Energy	€/ha								4	3	3
Other direct costs	€/ha								12	13	13
Operating costs per hectare	€/ha								280	272	278
Operating costs per tonne of grain	€/t								55	55	89
Margin: receipts over operating costs per hectare											
without direct payments	€/ha								206	138	80
with coupled direct payments	€/ha								206	138	80
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t								40	28	26
with coupled direct payments	€/t								40	28	26
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								17%	19%	18%
(B = fertilisers & crop prot.)/operating c.	%								54%	54%	53%
(C = A + B) /operating costs	%								71%	73%	71%

Latvia

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								73	70	79
Farms represented	number								522	489	458
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								263.6	233.2	324.7
Total labour input	AWU								3.32	2.71	3.79
Common wheat area	ha								139.0	128.5	177.2
in which irrigated area	ha										
Common wheat production	t								562	528	610
Common wheat yield	t / ha								4.0	4.1	3.4
Common wheat output	'000 €								58.3	47.4	73.6
Durum wheat	ha										
Grain maize	ha										
Barley	ha								25.0	24.6	34.0
Oats	ha								3.6	1.7	1.9
Rye	ha								3.2	3.6	2.9
Summer cer_mix.	ha								0.1	0.3	1.2
Oth.cereals	ha								2.5	1.3	1.3
Total output	'000 €								106.4	91.2	135.4
Receipts from common wheat (average per farm):											
grain	€/ha								420	369	415
by-products (straw)	€/ha	16							0	2	2
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	16							420	371	418
Receipts per tonne of grain	€/t								104	90	121
Common wheat production operating costs (average per farm):											
Specific costs	€/ha								169	185	214
including:											
Seeds	€/ha								33	34	45
Fertilizers	€/ha								77	96	108
Crop protection	€/ha								49	47	53
Water	€/ha										
Other specific costs	€/ha								10	7	8
Non-specific costs	€/ha								143	135	149
including: motor fuels and lubricants	€/ha								61	67	74
machines & buildings upkeep	€/ha								21	21	26
Contract work	€/ha								19	18	18
Energy	€/ha								5	3	5
Other direct costs	€/ha								38	26	27
Operating costs per hectare	€/ha								313	319	363
Operating costs per tonne of grain	€/t								77	78	105
Margin: receipts over operating costs per hectare											
without direct payments	€/ha								107	51	55
with coupled direct payments	€/ha								107	51	55
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t								27	13	16
with coupled direct payments	€/t								27	13	16
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								21%	22%	22%
(B = fertilisers & crop prot.)/operating c.	%								40%	45%	44%
(C = A + B) /operating costs	%								61%	67%	66%

Austria

farms specialised in common wheat production: 40 % or more of output from common wheat production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	17
Farms represented	number	629

Structural information (average per farm):

Total Utilised Agricult. Area	ha	54.6
Total labour input	AWU	0.62
Common wheat area	ha	23.3
in which irrigated area	ha	
Common wheat production	t	129
Common wheat yield	t / ha	5.5
Common wheat output	'000 €	14.5
Durum wheat	ha	
Grain maize	ha	2.6
Barley	ha	6.3
Oats	ha	
Rye	ha	0.2
Summer cer_mix.	ha	
Oth.cereals	ha	0.9
Total output	'000 €	31.6

Receipts from common wheat (average per farm):

grain	€/ha	622
by-products (straw)	€/ha	2
coupled direct payments	€/ha	327
other crop-specific subsidies (incl. top-ups)	€/ha	
Receipts per hectare	€/ha	951
Receipts per tonne of grain	€/t	171

Common wheat production operating costs (average per farm):

Specific costs	€/ha	172
including:		
Seeds	€/ha	59
Fertilizers	€/ha	71
Crop protection	€/ha	42
Water	€/ha	
Other specific costs	€/ha	0
Non-specific costs	€/ha	223
including: motor fuels and lubricants	€/ha	53
machines & buildings upkeep	€/ha	53
Contract work	€/ha	73
Energy	€/ha	3
Other direct costs	€/ha	41
Operating costs per hectare	€/ha	395
Operating costs per tonne of grain	€/t	71

Margin: receipts over operating costs per hectare

without direct payments	€/ha	229
with coupled direct payments	€/ha	555

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	41
with coupled direct payments	€/t	100

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	14%
(B = fertilisers & crop prot.)/operating c.	%	29%
(C = A + B) /operating costs	%	43%

Poland

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								381	359	421
Farms represented	number								22202	17967	20955
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								39.9	44.2	41.3
Total labour input	AWU								1.32	1.42	1.47
Common wheat area	ha								21.6	25.2	22.9
in which irrigated area	ha								0.1	0.0	0.0
Common wheat production	t								129	140	108
Common wheat yield	t / ha								6.0	5.6	4.7
Common wheat output	'000 €								12.6	13.0	14.1
Durum wheat	ha										
Grain maize	ha								1.1	0.8	1.0
Barley	ha								1.9	2.8	3.1
Oats	ha								0.5	0.5	0.6
Rye	ha								2.1	1.4	1.1
Summer cer_mix.	ha								0.2	0.1	0.2
Oth.cereals	ha								1.3	1.2	0.9
Total output	'000 €								22.8	23.6	26.7
Receipts from common wheat (average per farm):											
grain	€/ha								582	516	618
by-products (straw)	€/ha	16							3	1	1
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	16							584	517	619
Receipts per tonne of grain	€/t								98	93	131
Common wheat production operating costs (average per farm):											
Specific costs	€/ha								217	237	254
including:											
Seeds	€/ha								35	36	42
Fertilizers	€/ha								120	124	132
Crop protection	€/ha								61	74	76
Water	€/ha								0		0
Other specific costs	€/ha								1	3	4
Non-specific costs	€/ha								114	136	147
including: motor fuels and lubricants	€/ha								49	64	72
machines & buildings upkeep	€/ha								23	31	30
Contract work	€/ha								26	20	23
Energy	€/ha								5	7	7
Other direct costs	€/ha								10	15	15
Operating costs per hectare	€/ha								331	373	401
Operating costs per tonne of grain	€/t								55	67	85
Margin: receipts over operating costs per hectare											
without direct payments	€/ha								253	144	218
with coupled direct payments	€/ha								253	144	218
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t								42	26	46
with coupled direct payments	€/t								42	26	46
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								16%	19%	20%
(B = fertilisers & crop prot.)/operating c.	%								55%	53%	52%
(C = A + B) /operating costs	%								71%	72%	72%

Portugal

farms specialised in common wheat production: 40 % or more of output from common wheat production

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
--	------	------	------	------	------	------	------	------	------	------

Representativeness of the sample:

Sample farms	number	18	16
Farms represented	number	1481	1080

Structural information (average per farm):

Total Utilised Agricult. Area	ha	47.2	115.1
Total labour input	AWU	1.02	1.32
Common wheat area	ha	25.3	37.4
in which irrigated area	ha		
Common wheat production	t	46	76
Common wheat yield	t / ha	1.8	2.0
Common wheat output	'000 €	6.0	9.8
Durum wheat	ha	0.6	6.9
Grain maize	ha		1.2
Barley	ha	1.3	0.6
Oats	ha	0.1	4.3
Rye	ha	0.9	2.8
Summer cer_mix.	ha		
Oth.cereals	ha		0.0
Total output	'000 €	10.2	19.1

Receipts from common wheat (average per farm):

grain	€/ha	237	262
by-products (straw)	€/ha	16	35
coupled direct payments	€/ha	102	120
other crop-specific subsidies (incl. top-ups)	€/ha		
Receipts per hectare	€/ha	354	417
Receipts per tonne of grain	€/t	195	206

Common wheat production operating costs (average per farm):

Specific costs	€/ha	162	135
including:			
Seeds	€/ha	54	51
Fertilizers	€/ha	87	65
Crop protection	€/ha	20	15
Water	€/ha		
Other specific costs	€/ha	2	3
Non-specific costs	€/ha	130	136
including: motor fuels and lubricants	€/ha	43	31
machines & buildings upkeep	€/ha	26	50
Contract work	€/ha	25	20
Energy	€/ha	6	4
Other direct costs	€/ha	30	32
Operating costs per hectare	€/ha	292	271
Operating costs per tonne of grain	€/t	161	134

Margin: receipts over operating costs per hectare

without direct payments	€/ha	-40	26
with coupled direct payments	€/ha	62	146

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	-22	13
with coupled direct payments	€/t	34	72

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	17%	13%
(B = fertilisers & crop prot.)/operating c.	%	37%	30%
(C = A + B) /operating costs	%	53%	43%

Finland

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	30	32	20	24	31	32	47	47	46	46
Farms represented	number	1841	1891	1242	1465	2005	2382	3670	3306	3141	3127
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	49.4	53.9	66.3	67.8	62.6	61.3	54.7	61.7	56.9	58.0
Total labour input	AWU	0.81	0.90	0.90	0.89	0.86	0.82	0.71	0.73	0.65	0.58
Common wheat area	ha	25.0	27.5	29.5	35.8	30.9	31.5	27.5	31.1	26.0	28.1
in which irrigated area	ha										
Common wheat production	t	98	95	68	164	123	121	104	116	105	107
Common wheat yield	t / ha	3.9	3.5	2.3	4.6	4.0	3.8	3.8	3.7	4.0	3.8
Common wheat output	'000 €	14.7	13.6	9.4	20.7	16.0	15.7	12.6	12.3	9.3	12.8
Durum wheat	ha										
Grain maize	ha										
Barley	ha	10.1	10.7	11.6	10.4	11.3	9.4	7.6	9.3	10.6	7.3
Oats	ha	1.8	1.3	3.5	1.5	3.0	3.3	2.2	2.2	1.6	2.6
Rye	ha	1.4	1.1	1.2	4.6	1.3	2.2	1.0	1.4	0.4	1.8
Summer cer_mix.	ha		0.1						0.2		
Oth.cereals	ha										
Total output	'000 €	25.2	23.3	17.9	34.9	26.8	26.9	21.4	21.2	17.1	23.2
		0.151	0.142	0.139	0.126	0.130	0.130	0.121	0.106	0.089	0.120
Receipts from common wheat (average per farm):											
grain	€/ha	590	492	318	578	517	499	457	395	359	457
by-products (straw)	€/ha	16	0	0	0	1	0	0	0	0	0
coupled direct payments	€/ha	185	182	179	260	262	258	246	261	251	
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	791	675	497	838	780	757	703	656	609	457
Receipts per tonne of grain	€/t	202	195	217	183	197	197	185	175	152	120
Common wheat production operating costs (average per farm):											
Specific costs	€/ha	229	201	234	214	230	228	225	227	229	219
including:											
Seeds	€/ha	51	45	61	45	61	45	56	49	48	47
Fertilizers	€/ha	138	115	132	117	123	129	108	120	118	117
Crop protection	€/ha	39	35	36	47	44	50	52	53	57	44
Water	€/ha										
Other specific costs	€/ha	0	6	6	5	3	5	9	5	7	11
Non-specific costs	€/ha	369	323	346	325	353	350	339	339	383	370
including: motor fuels and lubricants	€/ha	19	40	47	65	82	50	59	64	79	79
machines & buildings upkeep	€/ha	105	90	93	101	97	110	93	89	113	103
Contract work	€/ha	4	19	31	29	21	32	32	36	31	41
Energy	€/ha	64	41	33	23	26	29	29	31	26	24
Other direct costs	€/ha	176	132	141	107	127	130	127	120	133	123
Operating costs per hectare	€/ha	597	523	580	539	582	578	565	567	612	589
Operating costs per tonne of grain	€/t	152	151	253	118	147	150	149	152	152	154
Margin: receipts over operating costs per hectare											
without direct payments	€/ha	9	-31	-261	39	-64	-79	-107	-172	-254	-132
with coupled direct payments	€/ha	194	152	-82	299	197	179	138	89	-3	-132
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t	2	-9	-114	9	-16	-21	-28	-46	-63	-35
with coupled direct payments	€/t	50	44	-36	65	50	47	37	24	-1	-35
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	14%	16%	14%	16%	19%	14%	16%	17%	17%	18%
(B = fertilisers & crop prot.)/operating c.	%	30%	29%	29%	31%	29%	31%	28%	31%	28%	27%
(C = A + B) /operating costs	%	44%	44%	43%	47%	47%	44%	44%	47%	46%	45%

Sweden

farms specialised in common wheat production: 40 % or more of output from common wheat production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	34	51	19	47	52	37	39	35	33	33
Farms represented	number	1819	2399	1549	2127	2604	2277	2182	1617	1835	1988
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	107.9	116.2	64.0	95.9	84.9	96.3	91.2	88.4	95.6	103.5
Total labour input	AWU	0.84	0.93	0.55	0.73	0.65	0.68	0.67	0.62	0.81	0.72
Common wheat area	ha	45.3	44.0	22.5	41.3	37.5	41.9	44.2	36.3	43.1	42.3
in which irrigated area	ha										
Common wheat production	t	254	226	125	241	207	249	237	206	295	249
Common wheat yield	t / ha	5.6	5.1	5.6	5.8	5.5	5.9	5.4	5.7	6.8	5.9
Common wheat output	'000 €	28.8	25.2	13.7	25.9	22.3	25.4	25.6	19.7	28.1	26.5
Durum wheat	ha										
Grain maize	ha										
Barley	ha	10.0	8.5	7.2	9.8	6.7	9.8	6.5	9.7	11.7	9.3
Oats	ha	13.4	13.0	7.7	11.8	9.8	9.8	11.9	9.3	8.1	9.6
Rye	ha	3.4	3.8	2.3	2.7	2.2	1.5	1.0	2.5	1.2	4.1
Summer cer_mix.	ha			0.1				0.2			
Oth.cereals	ha										
Total output	'000 €	55.3	48.0	29.5	50.3	41.0	46.7	51.0	39.6	55.9	52.7
Receipts from common wheat (average per farm):											
grain	€/ha	637	572	609	626	595	606	579	542	651	628
by-products (straw)	€/ha	16	5	4	4	5	2	3	1	3	0
coupled direct payments	€/ha	278	257	305	260	283	287	290	281		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	931	834	917	890	883	895	872	824	654	628
Receipts per tonne of grain	€/t	166	162	164	152	159	151	163	146	96	106
Common wheat production operating costs (average per farm):											
Specific costs	€/ha	279	274	269	263	281	284	283	262	295	331
including:											
Seeds	€/ha	56	56	84	59	63	55	60	59	63	65
Fertilizers	€/ha	149	146	119	138	152	149	145	142	165	179
Crop protection	€/ha	44	60	51	55	56	61	62	48	55	62
Water	€/ha										
Other specific costs	€/ha	31	12	15	11	10	20	15	12	12	25
Non-specific costs	€/ha	259	285	344	334	331	286	239	287	302	311
including: motor fuels and lubricants	€/ha	69	69	78	77	70	76	54	69	79	82
machines & buildings upkeep	€/ha	99	100	133	113	126	79	71	72	78	73
Contract work	€/ha	30	40	44	51	46	61	41	63	42	59
Energy	€/ha	26	38	39	47	45	31	40	36	48	48
Other direct costs	€/ha	34	38	49	47	45	39	33	47	55	48
Operating costs per hectare	€/ha	538	559	613	597	612	571	522	549	596	642
Operating costs per tonne of grain	€/t	96	109	110	102	111	96	97	97	87	109
Margin: receipts over operating costs per hectare											
without direct payments	€/ha	114	18	0	32	-12	37	60	-6	58	-14
with coupled direct payments	€/ha	393	275	304	292	271	324	351	275	58	-14
Margin: receipts over operating costs per tonne of grain											
without direct payments	€/t	20	4	0	6	-2	6	11	-1	8	-2
with coupled direct payments	€/t	70	53	55	50	49	55	65	49	8	-2
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	18%	19%	19%	21%	19%	19%	18%	19%	21%	20%
(B = fertilisers & crop prot.)/operating c.	%	36%	37%	28%	32%	34%	37%	40%	35%	37%	38%
(C = A + B) /operating costs	%	54%	56%	47%	53%	53%	56%	58%	54%	58%	58%

Slovakia

farms specialised in common wheat production: 40 % or more of output from common wheat production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number							20	16
Farms represented	number							150	126

Structural information (average per farm):

Total Utilised Agricult. Area	ha							206.8	202.3
Total labour input	AWU							2.34	2.27
Common wheat area	ha							111.7	101.4
in which irrigated area	ha								
Common wheat production	t							517	476
Common wheat yield	t / ha							4.6	4.7
Common wheat output	'000 €							46.0	39.6
Durum wheat	ha								0.7
Grain maize	ha							21.3	8.6
Barley	ha							28.9	30.4
Oats	ha							0.6	
Rye	ha							0.3	
Summer cer_mix.	ha								
Oth.cereals	ha							0.7	3.8
Total output	'000 €							96.4	82.2

Receipts from common wheat (average per farm):

grain	€/ha							412	391
by-products (straw)	€/ha	16							
coupled direct payments	€/ha								
other crop-specific subsidies (incl. top-ups)	€/ha								
Receipts per hectare	€/ha	16						412	391
Receipts per tonne of grain	€/t							89	83

Common wheat production operating costs (average per farm):

Specific costs	€/ha							218	197
including:									
Seeds	€/ha							50	45
Fertilizers	€/ha							45	84
Crop protection	€/ha							40	68
Water	€/ha								
Other specific costs	€/ha							83	
Non-specific costs	€/ha							167	237
including:									
motor fuels and lubricants	€/ha							32	45
machines & buildings upkeep	€/ha							36	40
Contract work	€/ha							42	111
Energy	€/ha							8	3
Other direct costs	€/ha							49	38
Operating costs per hectare	€/ha							385	434
Operating costs per tonne of grain	€/t							83	92

Margin: receipts over operating costs per hectare

without direct payments	€/ha							27	-43
with coupled direct payments	€/ha							27	-43

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t							6	-9
with coupled direct payments	€/t							6	-9

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%							10%	11%
(B = fertilisers & crop prot.)/operating c.	%							22%	35%
(C = A + B) /operating costs	%							32%	46%

United Kingdom

farms specialised in common wheat production: 40 % or more of output from common wheat production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	275	280	274	293	205	233	306	238	204	228
Farms represented	number	10204	9545	9576	11206	9175	10383	11332	11206	9421	10535

Structural information (average per farm):

Total Utilised Agricult. Area	ha	160.5	170.0	196.7	190.2	199.9	180.3	187.7	182.1	211.3	205.0
Total labour input	AWU	2.02	1.93	2.00	1.99	1.90	1.67	1.67	1.60	1.69	1.80
Common wheat area	ha	83.2	88.1	96.7	98.1	93.6	92.5	87.7	93.7	103.3	96.6
in which irrigated area	ha										
Common wheat production	t	643	708	857	826	687	792	708	771	870	848
Common wheat yield	t / ha	7.7	8.0	8.9	8.4	7.3	8.6	8.1	8.2	8.4	8.8
Common wheat output	'000 €	80.4	80.0	100.1	92.5	85.8	79.5	89.5	80.5	88.7	110.5
Durum wheat	ha			0.2				0.1	0.1	0.1	0.2
Grain maize	ha								0.1	0.4	
Barley	ha	17.0	15.4	14.0	15.0	16.4	15.0	14.3	11.2	8.2	10.4
Oats	ha	1.8	1.7	1.6	2.5	2.1	2.1	2.0	1.9	2.1	2.7
Rye	ha	0.2	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Summer cer_mix.	ha										
Oth.cereals	ha	0.0	0.0	0.3	0.0	0.1	0.0				0.3
Total output	'000 €	151.9	149.1	183.7	163.6	154.7	146.9	162.2	139.0	166.3	194.3

Receipts from common wheat (average per farm):

grain	€/ha	966	909	1035	942	917	860	1020	860	859	1145
by-products (straw)	€/ha	16	17	20	24	28	28	19	23	22	32
coupled direct payments	€/ha	373	349	370	362	354	361	359	344		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1355	1275	1425	1328	1299	1250	1398	1227	882	1177
Receipts per tonne of grain	€/t	175	159	161	158	177	146	173	149	105	134

Common wheat production operating costs (average per farm):

Specific costs	€/ha	449	413	436	412	414	377	376	408	410	439
including:											
Seeds	€/ha	88	75	82	72	70	63	62	68	67	69
Fertilizers	€/ha	158	127	123	118	138	123	122	135	138	157
Crop protection	€/ha	179	183	195	181	179	163	160	179	176	177
Water	€/ha										
Other specific costs	€/ha	24	29	35	39	27	28	31	26	28	37
Non-specific costs	€/ha	293	283	318	320	324	290	331	352	339	399
including:											
motor fuels and lubricants	€/ha	43	41	47	65	63	51	49	58	70	84
machines & buildings upkeep	€/ha	100	88	107	113	116	98	107	106	94	111
Contract work	€/ha	56	56	59	61	60	65	72	71	69	79
Energy	€/ha	10	11	12	14	14	11	10	12	12	17
Other direct costs	€/ha	84	88	94	68	71	65	93	105	95	108
Operating costs per hectare	€/ha	742	696	754	732	739	667	707	760	749	838
Operating costs per tonne of grain	€/t	96	87	85	87	101	78	88	92	89	95

Margin: receipts over operating costs per hectare

without direct payments	€/ha	240	229	301	235	206	222	331	123	133	338
with coupled direct payments	€/ha	613	578	671	596	560	583	690	467	133	338

Margin: receipts over operating costs per tonne of grain

without direct payments	€/t	31	29	34	28	28	26	41	15	16	39
with coupled direct payments	€/t	79	72	76	71	76	68	86	57	16	39

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	7%	7%	8%	11%	10%	9%	8%	9%	11%	12%
(B = fertilisers & crop prot.)/operating c.	%	45%	45%	42%	41%	43%	43%	40%	41%	42%	40%
(C = A + B) /operating costs	%	53%	52%	50%	52%	53%	52%	48%	51%	53%	52%

7.7.2. Barley – margins

European Union (EU-15 until 2003 and EU-25 from 2004 to 2006)

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	1110	1075	948	983	929	907	868	1149	1015	1202
Farms represented	number	77236	81876	68369	67563	63412	64233	62561	80563	76264	95032
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	70.1	63.0	64.0	63.4	64.6	68.3	67.1	62.4	59.0	62.2
Total labour input	AWU	0.94	0.88	0.88	0.91	0.94	0.93	0.84	0.89	0.84	0.90
Barley area	ha	42.5	38.0	37.0	37.6	37.2	39.7	37.9	34.8	33.6	34.6
in which irrigated	ha	1.2	1.2	1.0	1.3	1.0	1.6	1.4	1.3	1.8	1.8
Barley production	t	124	119	112	139	112	122	130	128	80	107
Barley yield	t / ha	2.9	3.1	3.0	3.7	3.0	3.1	3.4	3.7	2.4	3.1
Barley output	'000 €	16.2	14.1	13.5	15.7	13.7	13.7	15.3	15.1	9.5	13.7
Common wheat	ha	5.3	4.7	5.3	5.8	4.8	5.9	5.4	4.4	4.2	3.9
Durum wheat	ha	0.3	0.4	0.5	0.6	0.6	0.7	0.6	0.4	0.5	0.6
Grain maize	ha	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
Oats	ha	0.7	0.6	0.8	0.7	0.6	0.7	0.6	0.7	0.9	0.8
Rye	ha	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
Summer cer_mix	ha	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0
Oth.cereals	ha	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.3
Total output	'000 €	25.6	21.8	21.3	25.0	22.4	22.2	24.6	24.2	15.1	21.6
Receipts from barley (average per farm):											
grain	€/ha	382	371	365	418	368	344	403	434	282	397
by-products (straw)	€/ha	7	7	7	8	9	6	10	11	11	10
coupled direct payments	€/ha	150	150	174	174	184	180	185	185	181	42
other crop-specific subsidies (incl. top-ups)	€/ha	0	1	0	0				1	1	2
Receipts per hectare	€/ha	539	529	546	601	561	531	598	631	476	451
Receipts per tonne of grain	€/t	185	169	181	162	186	173	174	171	200	147
Barley production operating costs (average per farm):											
Specific costs	€/ha	141	139	141	135	149	141	138	141	138	134
including:											
Seeds	€/ha	40	40	43	39	41	37	37	38	38	37
Fertilizers	€/ha	70	71	67	69	77	74	71	75	72	70
Crop protection	€/ha	23	19	22	19	23	22	23	22	20	21
Water	€/ha	1	1	2	2	1	2	2	2	3	4
Other specific costs	€/ha	7	8	7	6	8	7	5	4	4	3
Non-specific costs	€/ha	112	104	119	122	127	117	132	134	141	144
including: motor fuels and lubricants	€/ha	26	26	28	34	34	30	33	38	45	48
machines & buildings upkeep	€/ha	31	29	34	31	33	28	35	34	33	31
Contract work	€/ha	22	22	26	29	31	30	32	31	30	36
Energy	€/ha	6	5	5	6	6	6	5	5	5	4
Other direct costs	€/ha	27	23	26	24	24	23	27	25	28	25
Operating costs per hectare	€/ha	253	244	260	257	277	258	270	275	279	279
Operating costs per tonne of grain	€/t	86	78	86	69	92	84	79	75	117	90
Margin receipts over operating costs per hectare											
without direct payments	€/ha	136	134	112	170	101	93	142	170	15	129
with coupled direct payments	€/ha	286	285	286	344	284	273	328	356	197	173
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t	47	43	37	46	33	30	42	46	6	42
with coupled direct payments	€/t	98	91	95	93	94	89	96	97	83	56
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	13%	13%	13%	15%	14%	14%	14%	16%	18%	19%
(B = fertilisers & crop prot.)/operating c.	%	37%	37%	34%	35%	36%	37%	35%	35%	33%	32%
(C = A + B) /operating costs	%	49%	50%	47%	50%	50%	51%	49%	51%	51%	51%

Cyprus

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								34	23	17
Farms represented	number								1960	1459	1004
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								19.5	22.4	28.2
Total labour input	AWU								0.76	0.53	0.87
Barley area	ha								17.3	15.9	24.4
in which irrigated	ha								0.2	0.9	0.4
Barley production	t								37	34	52
Barley yield	t / ha								2.1	2.1	2.1
Barley output	'000 €								5.2	4.9	7.0
Common wheat	ha								0.0		
Durum wheat	ha								0.3	0.6	1.5
Grain maize	ha										
Oats	ha										
Rye	ha										
Summer cer_mix	ha										
Oth.cereals	ha										
Total output	'000 €								7.3	7.6	10.5
Receipts from barley (average per farm):											
grain	€/ha								302	310	286
by-products (straw)	€/ha								24	34	66
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								326	345	351
Receipts per tonne of grain	€/t								154	164	165
Barley production operating costs (average per farm):											
Specific costs	€/ha								152	122	155
including:											
Seeds	€/ha								54	48	51
Fertilizers	€/ha								74	58	82
Crop protection	€/ha								22	16	19
Water	€/ha								1		2
Other specific costs	€/ha								1		1
Non-specific costs	€/ha								105	168	66
including: motor fuels and lubricants	€/ha								23	74	24
machines & buildings upkeep	€/ha								54	39	26
Contract work	€/ha								22	46	14
Energy	€/ha								2	9	0
Other direct costs	€/ha								3	0	1
Operating costs per hectare	€/ha								256	289	221
Operating costs per tonne of grain	€/t								121	137	104
Margin receipts over operating costs per hectare											
without direct payments	€/ha								70	55	130
with coupled direct payments	€/ha								70	55	130
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t								33	26	61
with coupled direct payments	€/t								33	26	61
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								10%	29%	11%
(B = fertilisers & crop prot.)/operating c.	%								37%	26%	46%
(C = A + B) /operating costs	%								47%	54%	57%

Czech Republic

farms specialised in barley production: 40 % or more of output from barley production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	15
Farms represented	number	230

Structural information (average per farm):

Total Utilised Agricult. Area	ha	105.7
Total labour input	AWU	1.43
Barley area	ha	57.5
in which irrigated	ha	
Barley production	t	260
Barley yield	t / ha	4.5
Barley output	'000 €	23.4
Common wheat	ha	26.0
Durum wheat	ha	
Grain maize	ha	0.4
Oats	ha	0.6
Rye	ha	
Summer cer_mix	ha	
Oth.cereals	ha	
Total output	'000 €	46.6

Receipts from barley (average per farm):

grain	€/ha	407
by-products (straw)	€/ha	3
coupled direct payments	€/ha	
other crop-specific subsidies (incl. top-ups)	€/ha	
Receipts per hectare	€/ha	410
Receipts per tonne of grain	€/t	91

Barley production operating costs (average per farm):

Specific costs	€/ha	159
including:		
Seeds	€/ha	49
Fertilizers	€/ha	46
Crop protection	€/ha	64
Water	€/ha	
Other specific costs	€/ha	0
Non-specific costs	€/ha	149
including: motor fuels and lubricants	€/ha	64
machines & buildings upkeep	€/ha	24
Contract work	€/ha	40
Energy	€/ha	1
Other direct costs	€/ha	20
Operating costs per hectare	€/ha	308
Operating costs per tonne of grain	€/t	68

Margin receipts over operating costs per hectare

without direct payments	€/ha	102
with coupled direct payments	€/ha	102

Margin receipts over operating costs per tonne of grain

without direct payments	€/t	22
with coupled direct payments	€/t	22

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	21%
(B = fertilisers & crop prot.)/operating c.	%	36%
(C = A + B) /operating costs	%	57%

Denmark

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	97	75	77	69	73	74	75	60	67	73
Farms represented	number	5470	4462	4623	4248	4328	3526	3713	2643	3664	3338
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	28.0	28.7	31.4	35.3	32.8	35.2	31.3	32.4	27.0	34.5
Total labour input	AWU	0.49	0.48	0.48	0.53	0.52	0.49	0.48	0.46	0.43	0.45
Barley area	ha	17.2	17.0	19.4	21.6	19.2	22.1	19.0	19.8	17.2	21.6
in which irrigated	ha										
Barley production	t	83	87	91	106	91	101	92	92	86	98
Barley yield	t / ha	4.8	5.1	4.7	4.9	4.8	4.6	4.8	4.6	5.0	4.5
Barley output	'000 €	10.4	9.8	10.5	13.0	10.8	11.2	10.9	9.8	8.9	11.9
Common wheat	ha	3.6	3.5	3.1	2.8	2.9	4.5	3.4	3.4	4.2	4.2
Durum wheat	ha										
Grain maize	ha										
Oats	ha	0.1	0.0	0.1	0.3	0.7	0.4	0.4	0.4	0.5	0.8
Rye	ha	0.8	0.7	0.6	1.0	1.2	0.8	0.8	0.8	0.5	0.1
Summer cer_mix	ha					0.1					0.2
Oth.cereals	ha										0.3
Total output	'000 €	17.8	16.6	18.1	22.8	19.7	20.4	20.5	18.1	16.2	21.7

Receipts from barley (average per farm):

grain	€/ha	602	579	541	602	562	506	575	493	517	550
by-products (straw)	€/ha	15	11	17	14	10	13	11	6	12	11
coupled direct payments	€/ha	285	345	337	302	320	319	319	317		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	901	934	894	918	892	838	905	815	530	562
Receipts per tonne of grain	€/t	187	183	190	187	187	183	187	176	105	124

Barley production operating costs (average per farm):

Specific costs	€/ha	230	248	237	208	257	239	229	231	242	226
including:											
Seeds	€/ha	58	63	59	63	65	61	64	69	60	52
Fertilizers	€/ha	112	110	100	83	118	99	85	78	92	91
Crop protection	€/ha	42	49	55	47	49	60	55	53	54	45
Water	€/ha										
Other specific costs	€/ha	17	26	23	15	25	20	25	30	35	38
Non-specific costs	€/ha	283	308	326	312	343	320	349	358	397	364
including: motor fuels and lubricants	€/ha	19	18	23	33	35	24	32	30	40	39
machines & buildings upkeep	€/ha	115	130	132	122	126	115	113	127	143	118
Contract work	€/ha	55	63	77	68	78	69	70	69	61	75
Energy	€/ha	11	10	11	10	15	11	15	11	13	15
Other direct costs	€/ha	82	87	83	79	89	101	120	121	139	118
Operating costs per hectare	€/ha	513	556	563	520	600	559	578	589	639	591
Operating costs per tonne of grain	€/t	106	109	120	106	126	122	120	127	127	131

Margin receipts over operating costs per hectare

without direct payments	€/ha	104	34	-6	96	-28	-40	8	-90	-109	-29
with coupled direct payments	€/ha	388	379	331	398	292	279	327	227	-109	-29

Margin receipts over operating costs per tonne of grain

without direct payments	€/t	21	7	-1	19	-6	-9	2	-19	-22	-6
with coupled direct payments	€/t	80	74	70	81	61	61	68	49	-22	-6

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	6%	5%	6%	8%	8%	6%	8%	7%	8%	9%
(B = fertilisers & crop prot.)/operating c.	%	30%	29%	28%	25%	28%	28%	24%	22%	23%	23%
(C = A + B) /operating costs	%	36%	34%	34%	33%	36%	35%	32%	29%	31%	32%

Germany (*)

farms specialised in barley production: 40 % or more of output from barley production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	21	15				15	21
Farms represented	number	1577	545				519	643

Structural information (average per farm):

Total Utilised Agricult. Area	ha	50.0	74.0				80.0	70.6
Total labour input	AWU	1.29	1.39				1.38	1.20
Barley area	ha	24.8	32.9				35.2	30.0
in which irrigated	ha							
Barley production	t	111	183				204	153
Barley yield	t / ha	4.5	5.6				5.8	5.1
Barley output	'000 €	14.9	22.7				20.7	19.0
Common wheat	ha	4.6	11.8				10.1	9.1
Durum wheat	ha							
Grain maize	ha	0.0	0.5				0.6	0.2
Oats	ha	0.5	0.3				1.1	0.3
Rye	ha	1.5	1.8				2.9	1.3
Summer cer_mix	ha	0.0	0.1					0.1
Oth.cereals	ha	1.9	1.9				3.2	1.7
Total output	'000 €	29.7	45.5				41.3	39.5

Receipts from barley (average per farm):

grain	€/ha	601	691				587	633
by-products (straw)	€/ha	0	1				2	2
coupled direct payments	€/ha	309	295				325	
other crop-specific subsidies (incl. top-ups)	€/ha							
Receipts per hectare	€/ha	910	987				914	635
Receipts per tonne of grain	€/t	204	178				158	125

Barley production operating costs (average per farm):

Specific costs	€/ha	263	281				216	272
including:								
Seeds	€/ha	52	48				45	62
Fertilizers	€/ha	120	108				99	123
Crop protection	€/ha	85	118				68	84
Water	€/ha							
Other specific costs	€/ha	6	7				4	4
Non-specific costs	€/ha	434	350				325	371
including: motor fuels and lubricants	€/ha	80	63				82	99
machines & buildings upkeep	€/ha	145	87				72	84
Contract work	€/ha	65	39				45	55
Energy	€/ha	21	23				12	18
Other direct costs	€/ha	123	138				113	115
Operating costs per hectare	€/ha	697	631				541	643
Operating costs per tonne of grain	€/t	156	114				93	126

Margin receipts over operating costs per hectare

without direct payments	€/ha	-96	61				48	-8
with coupled direct payments	€/ha	213	356				374	-8

Margin receipts over operating costs per tonne of grain

without direct payments	€/t	-21	11				8	-2
with coupled direct payments	€/t	48	64				64	-2

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	14%	14%				17%	18%
(B = fertilisers & crop prot.)/operating c.	%	29%	36%				31%	32%
(C = A + B) /operating costs	%	44%	49%				48%	50%

(*) provisional data

Spain (*)

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	769	801	665	756	666	682	609	727	542	660
Farms represented	number	52756	62796	47893	50662	44451	49261	47046	58070	50061	63261
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	81.9	69.0	72.2	69.0	71.5	74.0	70.7	65.9	66.0	71.9
Total labour input	AWU	0.94	0.88	0.89	0.95	1.00	0.97	0.85	0.89	0.83	0.92
Barley area	ha	50.7	42.3	42.3	41.7	42.3	43.6	40.8	37.5	38.8	40.4
in which irrigated	ha	1.8	1.5	1.5	1.7	1.4	2.1	1.8	1.7	2.7	2.7
Barley production	t	126	123	112	144	107	121	124	129	67	110
Barley yield	t / ha	2.5	2.9	2.6	3.5	2.5	2.8	3.0	3.4	1.7	2.7
Barley output	'000 €	16.6	14.5	13.5	15.9	13.5	13.6	14.6	15.8	8.8	14.5
Common wheat	ha	5.9	5.0	6.2	6.4	5.2	6.2	5.4	3.9	4.1	3.9
Durum wheat	ha	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.5	0.5	0.8
Grain maize	ha	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.2
Oats	ha	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.7	0.7
Rye	ha	0.4	0.4	0.4	0.1	0.1	0.3	0.2	0.2	0.1	0.2
Summer cer_mix	ha										
Oth.cereals	ha					0.0	0.0		0.0	0.0	0.0
Total output	'000 €	24.5	21.4	20.2	24.0	20.7	21.0	22.3	23.8	12.7	21.3
		131.8	117.9	120.8	110.4	126.1	112.8	117.1	121.8	130.7	131.7
Receipts from barley (average per farm):											
grain	€/ha	327	344	319	381	319	312	357	420	226	360
by-products (straw)	€/ha	4	4	2	4	3	2	4	9	7	4
coupled direct payments	€/ha	120	122	140	146	154	158	156	154	153	36
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	451	470	461	531	476	472	517	582	387	399
Receipts per tonne of grain	€/t	182	161	174	154	188	171	170	169	223	146
Barley production operating costs (average per farm):											
Specific costs	€/ha	110	120	112	110	117	120	109	115	113	109
including:											
Seeds	€/ha	35	37	39	34	36	33	33	34	35	34
Fertilizers	€/ha	58	65	56	61	65	67	61	67	64	59
Crop protection	€/ha	12	11	11	10	10	12	11	11	9	10
Water	€/ha	1	2	2	2	2	3	2	3	4	4
Other specific costs	€/ha	4	5	4	3	4	4	1	1	1	1
Non-specific costs	€/ha	76	78	81	88	84	88	91	103	106	111
including: motor fuels and lubricants	€/ha	24	24	25	30	29	28	30	35	40	45
machines & buildings upkeep	€/ha	18	20	21	19	19	19	22	24	22	22
Contract work	€/ha	17	17	18	23	23	24	26	27	27	28
Energy	€/ha	3	3	3	3	4	5	3	3	3	2
Other direct costs	€/ha	14	13	14	13	10	13	10	13	14	14
Operating costs per hectare	€/ha	186	198	193	198	202	209	199	218	219	220
Operating costs per tonne of grain	€/t	75	68	73	57	80	75	65	63	126	81
Margin receipts over operating costs per hectare											
without direct payments	€/ha	144	150	129	187	121	106	162	211	15	143
with coupled direct payments	€/ha	264	272	269	333	275	264	318	365	168	179
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t	58	51	49	54	48	38	53	61	8	52
with coupled direct payments	€/t	107	93	102	97	108	95	104	106	97	65
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	14%	14%	14%	17%	16%	16%	16%	17%	20%	22%
(B = fertilisers & crop prot.)/operating c.	%	38%	38%	35%	36%	37%	38%	36%	36%	33%	32%
(C = A + B) /operating costs	%	52%	52%	49%	52%	53%	54%	53%	53%	53%	53%

(*) provisional data

Estonia

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								37	35	30
Farms represented	number								653	480	349
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								108.0	115.4	113.9
Total labour input	AWU								1.51	1.68	1.62
Barley area	ha								44.7	60.9	58.9
in which irrigated	ha										
Barley production	t								106	176	145
Barley yield	t / ha								2.4	2.9	2.5
Barley output	'000 €								11.0	17.1	15.6
Common wheat	ha								10.5	12.0	13.4
Durum wheat	ha										
Grain maize	ha										
Oats	ha								3.7	1.9	1.4
Rye	ha								1.1	1.9	1.6
Summer cer_mix	ha								0.1	0.0	
Oth.cereals	ha								1.2		0.4
Total output	'000 €								19.7	32.7	27.5
Receipts from barley (average per farm):											
grain	€/ha								247	280	265
by-products (straw)	€/ha								1	0	
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								248	281	265
Receipts per tonne of grain	€/t								104	97	107
Barley production operating costs (average per farm):											
Specific costs	€/ha								123	116	134
including:											
Seeds	€/ha								44	29	27
Fertilizers	€/ha								50	54	70
Crop protection	€/ha								22	28	24
Water	€/ha										
Other specific costs	€/ha								7	5	13
Non-specific costs	€/ha								95	103	94
including: motor fuels and lubricants	€/ha								40	48	45
machines & buildings upkeep	€/ha								22	25	22
Contract work	€/ha								11	8	6
Energy	€/ha								6	7	9
Other direct costs	€/ha								16	14	12
Operating costs per hectare	€/ha								218	219	228
Operating costs per tonne of grain	€/t								91	76	92
Margin receipts over operating costs per hectare											
without direct payments	€/ha								30	62	37
with coupled direct payments	€/ha								30	62	37
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t								13	21	15
with coupled direct payments	€/t								13	21	15
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								21%	25%	24%
(B = fertilisers & crop prot.)/operating c.	%								33%	37%	41%
(C = A + B) /operating costs	%								55%	63%	65%

France

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number						15	21	15		
Farms represented	number						747	1228	787		
Structural information (average per farm):											
Total Utilised Agricult. Area	ha						110.4	104.8	119.7		
Total labour input	AWU						1.25	1.16	1.18		
Barley area	ha						47.6	42.9	50.9		
in which irrigated	ha										
Barley production	t						310	239	347		
Barley yield	t / ha						6.5	5.6	6.8		
Barley output	'000 €						30.8	28.4	37.1		
Common wheat	ha						28.6	23.6	26.9		
Durum wheat	ha							0.7			
Grain maize	ha						0.8	0.6	0.1		
Oats	ha						1.1	0.1			
Rye	ha								0.1		
Summer cer_mix	ha							0.5			
Oth.cereals	ha						0.6		1.7		
Total output	'000 €						67.8	60.8	81.9		
Receipts from barley (average per farm):											
grain	€/ha						648	663	729		
by-products (straw)	€/ha						9	5	13		
coupled direct payments	€/ha						372	366	355		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha						1029	1034	1098		
Receipts per tonne of grain	€/t						158	185	161		
Barley production operating costs (average per farm):											
Specific costs	€/ha						332	301	287		
including:											
Seeds	€/ha						48	48	48		
Fertilizers	€/ha						147	135	128		
Crop protection	€/ha						137	118	111		
Water	€/ha										
Other specific costs	€/ha						0	0	0		
Non-specific costs	€/ha						210	233	250		
including: motor fuels and lubricants	€/ha						39	39	36		
machines & buildings upkeep	€/ha						63	70	65		
Contract work	€/ha						18	19	46		
Energy	€/ha						4	5	5		
Other direct costs	€/ha						86	100	97		
Operating costs per hectare	€/ha						542	534	537		
Operating costs per tonne of grain	€/t						83	96	79		
Margin receipts over operating costs per hectare											
without direct payments	€/ha						115	134	205		
with coupled direct payments	€/ha						486	500	561		
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t						18	24	30		
with coupled direct payments	€/t						75	90	82		
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%						8%	8%	8%		
(B = fertilisers & crop prot.)/operating c.	%						52%	47%	45%		
(C = A + B) /operating costs	%						60%	56%	52%		

Ireland

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	20	20	15	16	18		26	28	18	33
Farms represented	number	1596	1593	1372	2016	2167		2219	2918	2650	2724
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	44.8	43.6	38.0	38.0	39.0		43.6	36.1	32.2	48.2
Total labour input	AWU	1.14	0.97	0.84	0.94	0.88		0.89	0.77	0.83	0.93
Barley area	ha	26.6	30.7	25.1	21.5	21.8		23.3	19.5	16.5	26.3
in which irrigated	ha										
Barley production	t	137	153	148	137	174		143	129	99	169
Barley yield	t / ha	5.2	5.0	5.9	6.4	8.0		6.2	6.6	6.0	6.4
Barley output	'000 €	14.4	16.5	16.3	14.6	14.7		16.6	13.3	10.7	21.0
Common wheat	ha	1.6	0.2	0.1		0.4		0.6		0.8	0.9
Durum wheat	ha										
Grain maize	ha										
Oats	ha	0.3	0.2	0.4				0.3	0.2		0.5
Rye	ha										
Summer cer_mix	ha										
Oth.cereals	ha										
Total output	'000 €	24.9	28.8	26.4	26.0	26.6		27.6	23.9	19.8	36.9
		104.9	107.8	110.2	106.7	84.7		115.6	102.9	108.1	124.0
Receipts from barley (average per farm):											
grain	€/ha	542	536	647	681	674		712	681	646	798
by-products (straw)	€/ha	64	78	110	88	96		88	75	120	136
coupled direct payments	€/ha	355	339	317	355	372		377	370		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	960	954	1074	1124	1143		1177	1126	767	933
Receipts per tonne of grain	€/t	186	192	183	176	144		191	170	128	145
Barley production operating costs (average per farm):											
Specific costs	€/ha	322	288	310	336	316		319	331	363	345
including:											
Seeds	€/ha	66	57	64	66	59		55	61	62	62
Fertilizers	€/ha	138	109	111	132	128		148	154	168	177
Crop protection	€/ha	111	106	122	120	113		105	105	110	99
Water	€/ha										
Other specific costs	€/ha	8	16	13	19	17		11	11	22	7
Non-specific costs	€/ha	240	234	279	251	266		265	249	258	297
including: motor fuels and lubricants	€/ha	35	31	27	40	36		37	40	45	48
machines & buildings upkeep	€/ha	67	66	73	63	65		68	61	72	71
Contract work	€/ha	92	93	125	120	129		124	114	99	148
Energy	€/ha	3	3	2	2	5		6	3	4	4
Other direct costs	€/ha	43	42	52	26	31		30	30	39	26
Operating costs per hectare	€/ha	563	523	590	588	582		584	580	621	642
Operating costs per tonne of grain	€/t	109	105	100	92	73		95	88	104	100
Margin receipts over operating costs per hectare											
without direct payments	€/ha	43	92	167	182	189		216	176	146	292
with coupled direct payments	€/ha	398	431	484	537	561		593	546	146	292
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t	8	19	28	28	24		35	27	24	45
with coupled direct payments	€/t	77	87	82	84	70		96	83	24	45
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	7%	6%	5%	7%	7%		7%	7%	8%	8%
(B = fertilisers & crop prot.)/operating c.	%	44%	41%	40%	43%	41%		43%	45%	45%	43%
(C = A + B) /operating costs	%	51%	47%	44%	50%	48%		51%	52%	53%	51%

Italy

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	38	38	33	18	28	17	22		40	72
Farms represented	number	4958	3625	3936	2467	3585	1919	1281		2695	4215
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	10.4	9.9	8.9	9.0	9.4	11.5	18.6		22.9	20.0
Total labour input	AWU	0.83	0.79	0.79	0.59	0.64	0.60	0.90		0.73	0.91
Barley area	ha	6.1	5.8	7.0	5.8	4.7	9.2	10.5		11.2	12.0
in which irrigated	ha							0.7		1.0	0.5
Barley production	t	28	28	27	25	20	38	46		47	45
Barley yield	t / ha	4.5	4.9	3.8	4.4	4.3	4.2	4.4		4.2	3.7
Barley output	'000 €	4.2	4.2	3.7	3.6	3.2	5.6	6.5		6.4	7.1
Common wheat	ha	0.1	0.7	0.1	0.1	0.2		0.8		0.4	0.2
Durum wheat	ha	0.3	0.6	0.4	0.2	2.3	0.4	0.4		1.9	1.7
Grain maize	ha	0.2	0.1	0.1	0.1	0.0	0.7	0.9		0.4	0.4
Oats	ha	0.5				0.1	0.2	0.0		0.5	1.0
Rye	ha										
Summer cer_mix	ha										
Oth.cereals	ha				0.2	0.0		0.2			
Total output	'000 €	7.6	7.1	5.2	5.2	6.1	9.1	9.9		10.6	11.9
Receipts from barley (average per farm):											
grain	€/ha	680	731	538	622	684	608	614		569	591
by-products (straw)	€/ha	65	37	9	11	47	1	37		29	22
coupled direct payments	€/ha	174	384	250	354	185	146	255			
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	918	1152	796	987	916	754	907		597	613
Receipts per tonne of grain	€/t	202	237	207	227	215	182	208		143	164
Barley production operating costs (average per farm):											
Specific costs	€/ha	122	127	121	98	168	141	265		139	145
including:											
Seeds	€/ha	45	49	64	33	61	46	89		60	61
Fertilizers	€/ha	56	53	41	45	77	49	96		53	59
Crop protection	€/ha	14	24	14	19	24	33	60		21	18
Water	€/ha										1
Other specific costs	€/ha	7	2	1	2	6	13	20		3	6
Non-specific costs	€/ha	201	217	184	313	285	228	473		239	195
including: motor fuels and lubricants	€/ha	62	51	32	79	100	76	113		96	85
machines & buildings upkeep	€/ha	41	53	12	23	51	55	45		34	29
Contract work	€/ha	66	64	109	50	64	43	56		59	41
Energy	€/ha	8	3			2		1			
Other direct costs	€/ha	24	45	31	161	67	54	258		50	40
Operating costs per hectare	€/ha	323	344	304	411	453	369	737		377	340
Operating costs per tonne of grain	€/t	71	71	79	94	106	89	169		90	91
Margin receipts over operating costs per hectare											
without direct payments	€/ha	422	424	242	222	279	239	-86		220	273
with coupled direct payments	€/ha	595	808	492	576	463	385	170		220	273
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t	93	87	63	51	65	58	-20		53	73
with coupled direct payments	€/t	131	167	128	132	109	93	39		53	73
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	22%	16%	11%	19%	23%	20%	15%		26%	25%
(B = fertilisers & crop prot.)/operating c.	%	22%	22%	18%	15%	22%	22%	21%		20%	23%
(C = A + B) /operating costs	%	43%	38%	29%	35%	45%	43%	37%		45%	48%

Lithuania

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								33	59	58
Farms represented	number								1220	1188	1021
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								57.1	69.6	76.2
Total labour input	AWU								1.37	1.44	1.50
Barley area	ha								24.7	35.6	42.1
in which irrigated	ha										
Barley production	t								85	122	99
Barley yield	t / ha								3.5	3.4	2.3
Barley output	'000 €								7.7	11.3	10.3
Common wheat	ha								7.7	10.8	11.2
Durum wheat	ha										
Grain maize	ha										
Oats	ha								0.5	1.0	0.5
Rye	ha								0.3	0.3	0.8
Summer cer_mix	ha								0.0	0.0	0.7
Oth.cereals	ha								0.8	2.2	3.3
Total output	'000 €								14.0	20.0	19.1
Receipts from barley (average per farm):											
grain	€/ha								312	319	245
by-products (straw)	€/ha								0	0	0
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								312	319	245
Receipts per tonne of grain	€/t								90	93	105
Barley production operating costs (average per farm):											
Specific costs	€/ha								123	146	132
including:											
Seeds	€/ha								39	34	35
Fertilizers	€/ha								49	76	68
Crop protection	€/ha								19	31	25
Water	€/ha										
Other specific costs	€/ha								16	5	4
Non-specific costs	€/ha								86	83	77
including: motor fuels and lubricants	€/ha								51	46	42
machines & buildings upkeep	€/ha								15	16	13
Contract work	€/ha								3	5	5
Energy	€/ha								4	3	3
Other direct costs	€/ha								13	14	14
Operating costs per hectare	€/ha								209	229	208
Operating costs per tonne of grain	€/t								61	67	89
Margin receipts over operating costs per hectare											
without direct payments	€/ha								103	90	37
with coupled direct payments	€/ha								103	90	37
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t								30	26	16
with coupled direct payments	€/t								30	26	16
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								26%	21%	22%
(B = fertilisers & crop prot.)/operating c.	%								33%	47%	45%
(C = A + B) /operating costs	%								59%	68%	66%

Latvia

farms specialised in barley production: 40 % or more of output from barley production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number							27	16
Farms represented	number							647	474

Structural information (average per farm):

Total Utilised Agricult. Area	ha							69.6	67.4
Total labour input	AWU							1.40	1.55
Barley area	ha							34.4	34.7
in which irrigated	ha								
Barley production	t							95	80
Barley yield	t / ha							2.8	2.3
Barley output	'000 €							7.5	8.6
Common wheat	ha							9.9	5.6
Durum wheat	ha								
Grain maize	ha								
Oats	ha							0.5	0.3
Rye	ha							2.9	0.8
Summer cer_mix	ha							0.1	0.0
Oth.cereals	ha							2.2	2.4
Total output	'000 €							13.7	15.0

Receipts from barley (average per farm):

grain	€/ha							218	247
by-products (straw)	€/ha							0	0
coupled direct payments	€/ha								
other crop-specific subsidies (incl. top-ups)	€/ha								
Receipts per hectare	€/ha							218	247
Receipts per tonne of grain	€/t							79	107

Barley production operating costs (average per farm):

Specific costs	€/ha							93	111
including:									
Seeds	€/ha							28	39
Fertilizers	€/ha							44	56
Crop protection	€/ha							15	13
Water	€/ha								
Other specific costs	€/ha							6	3
Non-specific costs	€/ha							105	107
including: motor fuels and lubricants	€/ha							59	61
machines & buildings upkeep	€/ha							23	25
Contract work	€/ha							9	8
Energy	€/ha							5	4
Other direct costs	€/ha							9	10
Operating costs per hectare	€/ha							199	218
Operating costs per tonne of grain	€/t							72	94

Margin receipts over operating costs per hectare

without direct payments	€/ha							19	29
with coupled direct payments	€/ha							19	29

Margin receipts over operating costs per tonne of grain

without direct payments	€/t							7	12
with coupled direct payments	€/t							7	12

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%							32%	30%
(B = fertilisers & crop prot.)/operating c.	%							30%	32%
(C = A + B) /operating costs	%							62%	61%

Poland

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								26	42	46
Farms represented	number								2125	4340	5684
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								26.5	20.9	22.4
Total labour input	AWU								1.13	1.12	1.23
Barley area	ha								15.4	11.8	11.8
in which irrigated	ha									0.5	
Barley production	t								60	47	43
Barley yield	t / ha								3.9	4.0	3.7
Barley output	'000 €								5.8	4.2	5.0
Common wheat	ha								3.4	2.1	1.8
Durum wheat	ha										
Grain maize	ha								0.7	0.2	0.3
Oats	ha								1.1	0.3	1.2
Rye	ha								0.1	1.3	1.3
Summer cer_mix	ha								0.2	0.1	0.1
Oth.cereals	ha								2.5	1.2	1.7
Total output	'000 €								11.1	8.0	9.7
Receipts from barley (average per farm):											
grain	€/ha								377	356	420
by-products (straw)	€/ha								0	2	1
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								377	358	422
Receipts per tonne of grain	€/t								98	90	115
Barley production operating costs (average per farm):											
Specific costs	€/ha								155	151	156
including:											
Seeds	€/ha								35	32	36
Fertilizers	€/ha								80	80	83
Crop protection	€/ha								36	39	36
Water	€/ha										
Other specific costs	€/ha								4	1	1
Non-specific costs	€/ha								100	95	121
including: motor fuels and lubricants	€/ha								39	43	54
machines & buildings upkeep	€/ha								23	16	25
Contract work	€/ha								27	20	23
Energy	€/ha								3	5	7
Other direct costs	€/ha								8	10	12
Operating costs per hectare	€/ha								255	246	277
Operating costs per tonne of grain	€/t								66	62	76
Margin receipts over operating costs per hectare											
without direct payments	€/ha								122	112	145
with coupled direct payments	€/ha								122	112	145
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t								32	28	40
with coupled direct payments	€/t								32	28	40
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								17%	20%	22%
(B = fertilisers & crop prot.)/operating c.	%								45%	48%	43%
(C = A + B) /operating costs	%								62%	68%	65%

Finland

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	63	50	58	49	47	37	38	65	61	66
Farms represented	number	4798	3897	4341	3713	3721	3052	3130	5085	4590	4592
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	48.2	49.8	57.3	53.4	53.7	59.6	58.1	55.8	54.8	56.3
Total labour input	AWU	0.88	0.90	0.79	0.77	0.81	0.78	0.77	0.73	0.65	0.58
Barley area	ha	27.5	28.2	34.0	30.1	30.3	32.7	32.9	30.8	30.9	31.4
in which irrigated	ha										
Barley production	t	115	85	114	126	111	124	122	110	116	112
Barley yield	t / ha	4.2	3.0	3.4	4.2	3.7	3.8	3.7	3.6	3.8	3.6
Barley output	'000 €	14.7	10.1	13.9	14.9	12.4	13.2	13.2	12.2	11.3	12.9
Common wheat	ha	3.6	3.2	3.3	3.5	3.7	5.0	4.7	6.5	4.8	4.9
Durum wheat	ha										
Grain maize	ha				0.0	0.0					
Oats	ha	5.3	6.3	6.8	5.8	5.8	8.0	5.9	5.1	5.0	3.3
Rye	ha	0.3	0.7	0.4	1.2	1.2	0.8	0.6	1.2	0.3	0.6
Summer cer_mix	ha	0.1									
Oth.cereals	ha		0.0							0.1	
Total output	'000 €	25.0	17.3	22.0	24.7	20.7	23.1	21.1	20.5	18.8	22.1

Receipts from barley (average per farm):

grain	€/ha	533	360	410	496	411	403	402	396	365	411
by-products (straw)	€/ha		0	0	0	0			0	0	1
coupled direct payments	€/ha	159	155	154	218	224	225	217	228	216	
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	692	515	564	714	635	627	619	624	580	412
Receipts per tonne of grain	€/t	166	171	168	171	173	165	167	174	154	116

Barley production operating costs (average per farm):

Specific costs	€/ha	203	198	213	188	194	201	197	207	192	191
including:											
Seeds	€/ha	41	46	41	48	37	50	40	49	39	39
Fertilizers	€/ha	120	113	125	104	115	107	108	106	102	105
Crop protection	€/ha	40	33	43	32	37	40	45	43	44	42
Water	€/ha										
Other specific costs	€/ha	2	5	4	4	5	3	5	9	7	5
Non-specific costs	€/ha	297	283	279	303	299	235	306	315	324	321
including: motor fuels and lubricants	€/ha	18	28	35	51	57	40	50	68	75	72
machines & buildings upkeep	€/ha	87	71	81	83	94	65	111	89	87	80
Contract work	€/ha	6	46	40	29	24	19	25	26	26	36
Energy	€/ha	45	32	25	32	29	18	22	25	23	27
Other direct costs	€/ha	140	106	99	108	95	93	98	107	112	105
Operating costs per hectare	€/ha	499	481	492	491	493	436	503	522	516	512
Operating costs per tonne of grain	€/t	119	160	147	117	134	115	135	146	137	144

Margin receipts over operating costs per hectare

without direct payments	€/ha	34	-121	-81	5	-82	-33	-101	-125	-152	-101
with coupled direct payments	€/ha	193	34	73	223	142	192	116	102	64	-101

Margin receipts over operating costs per tonne of grain

without direct payments	€/t	8	-40	-24	1	-22	-9	-27	-35	-40	-28
with coupled direct payments	€/t	46	11	22	53	39	50	31	29	17	-28

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	13%	12%	12%	17%	17%	13%	14%	18%	19%	19%
(B = fertilisers & crop prot.)/operating c.	%	32%	30%	34%	28%	31%	34%	30%	29%	28%	29%
(C = A + B) /operating costs	%	45%	43%	46%	45%	48%	47%	45%	46%	47%	48%

Sweden

farms specialised in barley production: 40 % or more of output from barley production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	20	25	24	16	15				
Farms represented	number	1228	2056	1828	1253	1281				

Structural information (average per farm):

Total Utilised Agricult. Area	ha	68.7	49.7	53.6	37.3	42.3				
Total labour input	AWU	0.74	0.77	0.60	0.40	0.49				
Barley area	ha	28.7	20.6	21.6	20.0	17.8				
in which irrigated	ha									
Barley production	t	135	64	83	59	56				
Barley yield	t / ha	4.7	3.1	3.9	3.0	3.2				
Barley output	'000 €	15.7	6.6	8.4	5.5	5.1				
Common wheat	ha	7.2	3.9	4.4	3.7	3.1				
Durum wheat	ha									
Grain maize	ha									
Oats	ha	4.8	4.7	4.7	2.8	2.2				
Rye	ha	0.1	2.0		0.7	0.2				
Summer cer_mix	ha	0.2		0.4		0.9				
Oth.cereals	ha									
Total output	'000 €	27.1	13.8	15.8	10.1	9.2				

Receipts from barley (average per farm):

grain	€/ha	547	319	390	273	287				
by-products (straw)	€/ha	5	10	0	0					
coupled direct payments	€/ha	257	235	303	225	259				
other crop-specific subsidies (incl. top-ups)	€/ha									
Receipts per hectare	€/ha	808	564	693	498	546				
Receipts per tonne of grain	€/t	171	181	180	168	173				

Barley production operating costs (average per farm):

Specific costs	€/ha	250	207	186	154	170				
including:										
Seeds	€/ha	64	53	46	42	48				
Fertilizers	€/ha	135	97	97	72	77				
Crop protection	€/ha	39	35	34	29	30				
Water	€/ha									
Other specific costs	€/ha	12	22	10	12	15				
Non-specific costs	€/ha	276	270	281	292	358				
including: motor fuels and lubricants	€/ha	61	74	62	51	87				
machines & buildings upkeep	€/ha	97	82	103	81	103				
Contract work	€/ha	49	37	45	65	50				
Energy	€/ha	34	29	29	53	59				
Other direct costs	€/ha	35	47	42	42	59				
Operating costs per hectare	€/ha	526	477	467	447	528				
Operating costs per tonne of grain	€/t	111	153	121	151	167				

Margin receipts over operating costs per hectare

without direct payments	€/ha	25	-148	-77	-174	-241				
with coupled direct payments	€/ha	282	87	226	51	18				

Margin receipts over operating costs per tonne of grain

without direct payments	€/t	5	-48	-20	-59	-76				
with coupled direct payments	€/t	60	28	59	17	6				

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	18%	22%	19%	23%	28%				
(B = fertilisers & crop prot.)/operating c.	%	33%	28%	28%	22%	20%				
(C = A + B) /operating costs	%	51%	49%	47%	46%	48%				

Slovakia

farms specialised in barley production: 40 % or more of output from barley production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	18
Farms represented	number	160

Structural information (average per farm):

Total Utilised Agricult. Area	ha	117.9
Total labour input	AWU	1.56
Barley area	ha	61.7
in which irrigated	ha	1.4
Barley production	t	225
Barley yield	t / ha	3.7
Barley output	'000 €	24.9
Common wheat	ha	24.6
Durum wheat	ha	1.2
Grain maize	ha	3.5
Oats	ha	
Rye	ha	0.3
Summer cer_mix	ha	
Oth.cereals	ha	0.3
Total output	'000 €	45.5

Receipts from barley (average per farm):

grain	€/ha	403
by-products (straw)	€/ha	
coupled direct payments	€/ha	
other crop-specific subsidies (incl. top-ups)	€/ha	
Receipts per hectare	€/ha	403
Receipts per tonne of grain	€/t	110

Barley production operating costs (average per farm):

Specific costs	€/ha	158
including:		
Seeds	€/ha	52
Fertilizers	€/ha	49
Crop protection	€/ha	52
Water	€/ha	
Other specific costs	€/ha	5
Non-specific costs	€/ha	141
including: motor fuels and lubricants	€/ha	44
machines & buildings upkeep	€/ha	22
Contract work	€/ha	26
Energy	€/ha	1
Other direct costs	€/ha	48
Operating costs per hectare	€/ha	299
Operating costs per tonne of grain	€/t	82

Margin receipts over operating costs per hectare

without direct payments	€/ha	105
with coupled direct payments	€/ha	105

Margin receipts over operating costs per tonne of grain

without direct payments	€/t	29
with coupled direct payments	€/t	29

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	15%
(B = fertilisers & crop prot.)/operating c.	%	34%
(C = A + B) /operating costs	%	49%

United Kingdom

farms specialised in barley production: 40 % or more of output from barley production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	56	34	49	37	49	34	47	34	30	45
Farms represented	number	2623	1638	2275	1785	2354	1801	2347	1678	1324	1896
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	124.4	127.3	109.5	129.7	124.1	104.0	110.3	133.0	138.4	101.8
Total labour input	AWU	1.69	1.63	1.45	1.56	1.53	1.36	1.27	1.33	1.51	1.07
Barley area	ha	70.3	71.6	55.1	64.5	59.3	52.4	53.1	65.0	61.0	50.3
in which irrigated	ha										
Barley production	t	386	357	308	372	320	277	321	372	393	309
Barley yield	t / ha	5.5	5.0	5.6	5.8	5.4	5.3	6.1	5.7	6.4	6.2
Barley output	'000 €	51.7	48.6	40.9	47.8	40.6	32.7	39.8	41.9	45.4	42.2
Common wheat	ha	8.0	12.0	5.9	13.7	8.5	5.9	6.7	11.6	4.4	6.2
Durum wheat	ha										
Grain maize	ha										
Oats	ha	1.8	1.4	0.8	2.7	0.8	0.2	0.8	0.8		0.0
Rye	ha	0.0			0.7						
Summer cer_mix	ha										
Oth.cereals	ha	0.1									
Total output	'000 €	95.5	94.2	78.8	96.4	76.7	62.7	73.2	82.9	79.8	78.1
Receipts from barley (average per farm):											
grain	€/ha	736	679	741	741	684	624	750	645	744	839
by-products (straw)	€/ha	28	46	58	61	62	62	54	44	72	107
coupled direct payments	€/ha	367	355	338	359	343	353	352	342		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1131	1080	1138	1161	1089	1039	1156	1031	816	946
Receipts per tonne of grain	€/t	206	216	204	201	202	196	191	180	127	154
Barley production operating costs (average per farm):											
Specific costs	€/ha	377	335	358	361	371	318	319	348	362	353
including:											
Seeds	€/ha	82	80	83	76	78	63	60	64	63	61
Fertilizers	€/ha	140	109	129	138	142	122	121	146	154	137
Crop protection	€/ha	107	93	96	108	103	91	97	108	99	112
Water	€/ha										
Other specific costs	€/ha	49	53	50	40	49	43	40	30	46	43
Non-specific costs	€/ha	249	217	255	290	300	292	321	287	357	371
including: motor fuels and lubricants	€/ha	40	34	51	67	59	52	54	60	69	69
machines & buildings upkeep	€/ha	82	77	80	90	80	83	87	73	89	84
Contract work	€/ha	45	32	47	54	73	75	71	64	84	119
Energy	€/ha	7	10	7	12	11	9	8	8	15	10
Other direct costs	€/ha	75	64	69	67	77	73	101	81	100	89
Operating costs per hectare	€/ha	626	551	613	651	671	610	640	635	719	724
Operating costs per tonne of grain	€/t	114	111	110	113	124	115	106	111	112	118
Margin receipts over operating costs per hectare											
without direct payments	€/ha	138	173	187	150	74	76	164	54	97	222
with coupled direct payments	€/ha	506	528	525	510	417	429	516	396	97	222
Margin receipts over operating costs per tonne of grain											
without direct payments	€/t	25	35	33	26	14	14	27	9	15	36
with coupled direct payments	€/t	92	106	94	88	77	81	85	69	15	36
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	8%	8%	9%	12%	10%	10%	10%	11%	12%	11%
(B = fertilisers & crop prot.)/operating c.	%	39%	37%	37%	38%	36%	35%	34%	40%	35%	34%
(C = A + B) /operating costs	%	47%	45%	46%	50%	47%	45%	44%	51%	47%	45%

7.7.3. Grain maize – margins

European Union (EU-15 until 2003 and EU-25 from 2004 to 2006)

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	1508	1376	1354	1435	1503	1430	1331	1785	1743	1825
Farms represented	number	112088	108314	98043	101375	112944	98764	101475	112360	112147	113651
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	24.7	26.7	27.4	26.4	26.6	29.4	29.9	31.5	30.9	33.5
Total labour input	AWU	1.16	1.24	1.14	0.97	0.95	1.07	1.06	1.04	1.05	1.04
Grain maize area	ha	13.0	13.5	14.2	13.9	13.8	15.3	15.5	17.3	15.9	17.1
of which irrigated	ha	2.4	2.4	3.0	3.0	2.7	3.5	6.4	5.4	5.1	5.1
Grain maize production	t	130	134	146	144	141	159	147	167	156	165
Grain maize yield	t/ha	10.0	9.9	10.3	10.3	10.2	10.4	9.5	9.6	9.8	9.7
Common wheat	ha	2.1	2.0	2.3	2.2	1.8	2.5	2.6	3.6	3.6	3.9
Durum wheat	ha	0.6	0.7	0.6	0.7	0.8	0.9	1.0	0.9	0.9	0.8
Barley	ha	1.7	1.6	1.5	1.2	1.5	1.9	1.8	1.6	1.9	1.7
Oats	ha	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Rye	ha	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Summer cer_mix	ha			0.0	0.0	0.0		0.0	0.0	0.0	0.0
Oth.cereals	ha	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.2
Grain maize output	'000 €	17.3	17.4	19.1	18.4	17.7	19.7	21.0	19.5	18.4	22.6
Total output	'000 €	26.6	26.7	29.0	28.5	26.8	29.9	31.4	30.0	28.3	34.2
Receipts from grain maize (average per farm):											
grain	€/ha	1333	1284	1346	1325	1283	1291	1353	1127	1157	1324
by-products (straw)	€/ha	5	5	5	5	5	6	5	5	4	5
coupled direct payments	€/ha	386	381	414	421	444	446	343	215	301	115
other crop-specific subsidies (incl. top-ups)	€/ha	7	7	3	2	4	1	0	6	4	4
Receipts per hectare	€/ha	1731	1677	1768	1752	1735	1744	1702	1353	1465	1448
Receipts per tonne of grain	€/t	173	170	171	169	170	167	179	141	149	150
Grain maize production operating costs (average per farm):											
Specific costs	€/ha	461	448	439	445	467	454	467	410	430	441
including:											
Seeds	€/ha	138	138	135	140	149	146	149	125	132	129
Fertilizers	€/ha	189	181	173	173	189	181	178	157	169	173
Crop protection	€/ha	95	94	91	92	91	89	92	84	87	89
Water	€/ha	28	26	31	32	29	30	41	33	34	38
Other specific costs	€/ha	11	9	9	8	9	8	7	11	9	11
Non-specific costs	€/ha	365	354	364	386	394	383	381	344	383	409
including: motor fuels and lubricants	€/ha	73	69	72	88	88	83	82	84	106	114
machines & buildings upkeep	€/ha	71	71	75	72	74	71	69	58	60	66
Contract work	€/ha	102	98	99	103	100	102	104	98	110	112
Energy	€/ha	22	25	21	21	22	21	21	21	24	24
Other direct costs	€/ha	97	90	97	100	110	106	106	83	83	93
Operating costs per hectare	€/ha	826	802	803	831	860	837	848	754	814	850
Operating costs per tonne of grain	€/t	82	81	78	80	84	80	89	78	83	88
Margin - receipts over operating costs per hectare											
without direct payments	€/ha	512	487	547	499	427	459	510	379	347	479
with coupled direct payments	€/ha	905	875	964	922	874	906	853	599	651	597
Margin - receipts over operating costs per tonne of grain											
without direct payments	€/t	51	49	53	48	42	44	54	39	35	50
with coupled direct payments	€/t	90	89	93	89	85	87	90	62	66	62
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%	11%	12%	12%	13%	13%	12%	12%	14%	16%	16%
(B = fertilisers & crop prot.)/operating c.	%	34%	34%	33%	32%	33%	32%	32%	32%	31%	31%
(C = A + B) /operating costs	%	46%	46%	44%	45%	45%	44%	44%	46%	47%	47%

Greece

farms specialised in grain maize production: 40 % or more of output from grain maize production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	203	270	218	191	216	162	210	235	191	246
Farms represented	number	19368	22929	20222	18587	19725	19845	23239	24482	21897	26144

Structural information (average per farm):

Total Utilised Agricult. Area	ha	6.8	7.1	7.3	6.9	7.5	7.1	7.6	8.0	8.2	9.4
Total labour input	AWU	1.44	1.49	1.36	0.74	0.77	0.84	0.79	0.80	0.87	0.73
Grain maize area	ha	3.9	3.7	3.9	3.7	3.9	3.9	4.2	4.6	4.8	4.8
of which irrigated	ha	1.2	1.0	2.9	2.5	2.2	2.4	2.5	2.6	2.9	3.2
Grain maize production	t	44	40	44	44	47	48	51	57	59	58
Grain maize yield	t / ha	11.4	10.9	11.4	11.7	12.0	12.3	12.3	12.4	12.4	12.1
Common wheat	ha	0.5	0.4	0.5	0.3	0.3	0.3	0.3	0.2	0.2	0.5
Durum wheat	ha	0.8	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.4
Barley	ha	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2
Oats	ha	0.0	0.0		0.0	0.0	0.0	0.0		0.0	
Rye	ha	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0
Summer cer_mix	ha										
Oth.cereals	ha										0.0
Grain maize output	'000 €	6.7	5.5	6.2	6.0	6.7	6.9	7.4	8.3	7.8	8.9
Total output	'000 €	11.3	9.7	10.2	9.9	11.4	11.0	11.4	12.2	11.5	12.4

Receipts from grain maize (average per farm):

grain	€/ha	1718	1500	1610	1616	1719	1762	1780	1804	1628	1842
by-products (straw)	€/ha	5	8	5	5	3	3	1	1	1	2
coupled direct payments	€/ha	278	341	326	168	244	226	198	223	205	
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	2001	1849	1942	1789	1966	1992	1980	2028	1835	1844
Receipts per tonne of grain	€/t	175	170	170	153	164	162	161	164	148	152

Grain maize production operating costs (average per farm):

Specific costs	€/ha	493	528	563	572	568	577	613	639	617	690
including:											
Seeds	€/ha	140	142	140	143	143	149	154	164	159	186
Fertilizers	€/ha	215	218	224	228	221	224	237	254	245	283
Crop protection	€/ha	92	114	111	116	117	107	120	124	120	116
Water	€/ha	27	28	62	57	56	54	56	53	55	60
Other specific costs	€/ha	19	26	26	28	30	41	46	44	39	44
Non-specific costs	€/ha	360	358	390	378	388	379	413	379	389	485
including: motor fuels and lubricants	€/ha	111	112	139	119	128	122	146	136	126	167
machines & buildings upkeep	€/ha	30	35	43	37	38	40	43	47	44	63
Contract work	€/ha	173	173	172	185	181	178	188	158	183	195
Energy	€/ha	30	24	22	21	23	22	24	25	24	34
Other direct costs	€/ha	17	14	15	16	18	16	12	13	12	27
Operating costs per hectare	€/ha	853	886	953	950	956	955	1026	1018	1006	1175
Operating costs per tonne of grain	€/t	75	82	83	81	80	77	83	82	81	97

Margin - receipts over operating costs per hectare

without direct payments	€/ha	870	622	662	671	766	810	755	788	623	668
with coupled direct payments	€/ha	1148	963	989	839	1010	1036	954	1010	829	668

Margin - receipts over operating costs per tonne of grain

without direct payments	€/t	76	57	58	58	64	66	61	64	50	55
with coupled direct payments	€/t	100	89	86	72	84	84	77	82	67	55

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	16%	15%	17%	15%	16%	15%	17%	16%	15%	17%
(B = fertilisers & crop prot.)/operating c.	%	36%	37%	35%	36%	35%	35%	35%	37%	36%	34%
(C = A + B) /operating costs	%	53%	53%	52%	51%	51%	50%	51%	53%	51%	51%

Spain (*)

farms specialised in grain maize production: 40 % or more of output from grain maize production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	403	261	259	297	348	303	284	242	287	240
Farms represented	number	20631	15094	15857	16024	16509	18206	17451	16574	19257	17184

Structural information (average per farm):

Total Utilised Agricult. Area	ha	32.0	45.3	40.7	43.6	44.0	44.7	43.1	40.0	40.3	40.8
Total labour input	AWU	1.00	1.24	1.14	1.28	1.26	1.18	1.19	1.20	1.17	1.16
Grain maize area	ha	12.1	15.7	14.9	16.1	15.9	16.2	17.3	17.0	14.6	15.5
of which irrigated	ha	11.9	15.7	14.9	16.1	15.9	16.2	17.2	16.9	14.5	15.3
Grain maize production	t	114	162	153	178	177	177	186	184	157	191
Grain maize yield	t / ha	9.4	10.3	10.3	11.1	11.1	10.9	10.8	10.8	10.7	12.4
Common wheat	ha	1.5	1.7	2.4	1.8	1.7	1.6	2.2	1.5	1.8	2.2
Durum wheat	ha	1.4	1.2	0.8	1.4	1.7	1.9	0.8	1.0	1.1	0.6
Barley	ha	7.1	8.7	6.5	5.4	6.8	7.8	7.3	6.1	7.1	5.8
Oats	ha	0.1	0.5	0.1	0.3	0.1	0.0	0.1	0.1	0.1	0.1
Rye	ha	0.6	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Summer cer_mix	ha										
Oth.cereals	ha		0.0	0.1	0.0	0.1	0.0			0.0	0.1
Grain maize output	'000 €	16.4	21.4	20.4	23.5	23.3	22.8	25.6	23.6	20.7	27.3
Total output	'000 €	25.2	32.3	32.8	36.5	34.7	34.4	37.8	34.5	31.1	39.2

Receipts from grain maize (average per farm):

grain	€/ha	1358	1358	1371	1456	1467	1408	1485	1386	1412	1764
by-products (straw)	€/ha	1	1	4	2	2	3	5	3	1	3
coupled direct payments	€/ha	321	320	494	429	423	458	442	430	433	115
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1679	1679	1869	1887	1892	1869	1932	1820	1847	1882
Receipts per tonne of grain	€/t	178	163	181	171	170	171	179	168	172	152

Grain maize production operating costs (average per farm):

Specific costs	€/ha	445	442	390	438	491	466	446	455	505	529
including:											
Seeds	€/ha	161	165	128	154	199	173	174	152	173	173
Fertilizers	€/ha	158	163	147	157	165	165	146	158	170	159
Crop protection	€/ha	51	50	40	50	57	51	56	51	50	50
Water	€/ha	56	53	62	70	64	70	66	87	103	125
Other specific costs	€/ha	19	11	12	7	6	7	4	8	9	23
Non-specific costs	€/ha	177	179	178	198	222	236	213	213	284	291
including: motor fuels and lubricants	€/ha	54	49	50	64	68	80	65	65	102	100
machines & buildings upkeep	€/ha	28	28	36	35	46	42	37	42	53	55
Contract work	€/ha	59	68	61	66	67	78	80	70	82	93
Energy	€/ha	8	8	12	12	16	12	9	11	15	14
Other direct costs	€/ha	27	26	19	21	24	25	22	24	32	29
Operating costs per hectare	€/ha	622	621	568	636	713	703	659	668	789	820
Operating costs per tonne of grain	€/t	66	60	55	57	64	64	61	62	74	66

Margin - receipts over operating costs per hectare

without direct payments	€/ha	737	738	807	822	756	708	831	721	624	948
with coupled direct payments	€/ha	1057	1059	1301	1251	1179	1166	1273	1151	1057	1062

Margin - receipts over operating costs per tonne of grain

without direct payments	€/t	78	72	78	74	68	65	77	67	58	77
with coupled direct payments	€/t	112	103	126	113	106	107	118	107	99	86

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	10%	9%	11%	12%	12%	13%	11%	11%	15%	14%
(B = fertilisers & crop prot.)/operating c.	%	34%	34%	33%	33%	31%	31%	31%	31%	28%	25%
(C = A + B) /operating costs	%	44%	43%	44%	45%	43%	44%	42%	43%	43%	39%

(*) provisional data

France

farms specialised in grain maize production: 40 % or more of output from grain maize production

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Representativeness of the sample:

Sample farms	number	284	254	268	266	290	266	257	235	232	240
Farms represented	number	17882	15702	16647	13301	17811	16549	18231	13730	14021	16121

Structural information (average per farm):

Total Utilised Agricult. Area	ha	72.6	78.0	71.4	81.5	73.0	70.3	71.3	75.7	70.0	71.2
Total labour input	AWU	1.43	1.49	1.35	1.45	1.33	1.38	1.40	1.41	1.38	1.36
Grain maize area	ha	40.2	44.7	38.7	45.8	39.8	38.6	37.5	42.6	38.0	37.0
of which irrigated	ha										
Grain maize production	t	388	425	372	438	370	372	315	414	371	356
Grain maize yield	t / ha	9.6	9.5	9.6	9.6	9.3	9.6	8.4	9.7	9.8	9.6
Common wheat	ha	8.4	9.0	7.9	9.5	7.3	9.1	9.0	8.9	8.7	8.2
Durum wheat	ha	1.1	2.0	1.2	1.7	1.3	1.1	1.5	1.9	2.0	2.2
Barley	ha	1.3	1.3	1.7	1.3	2.5	1.6	2.1	1.9	1.3	1.5
Oats	ha	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Rye	ha		0.1	0.0	0.0	0.1		0.1	0.0	0.1	0.1
Summer cer_mix	ha	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	
Oth.cereals	ha	0.5	0.5	0.7	0.5	0.6	0.7	0.7	0.4	0.7	0.4
Grain maize output	'000 €	50.0	53.3	46.8	54.1	44.0	42.4	44.4	47.4	45.3	51.3
Total output	'000 €	76.5	81.2	71.3	85.6	67.5	66.6	68.8	73.9	68.9	77.7

Receipts from grain maize (average per farm):

grain	€/ha	1243	1192	1210	1181	1106	1100	1184	1113	1193	1388
by-products (straw)	€/ha	3	3	3	4	4	5	5	6	4	6
coupled direct payments	€/ha	420	408	400	416	445	460	444	264	236	58
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1666	1603	1613	1601	1556	1565	1633	1383	1432	1452
Receipts per tonne of grain	€/t	173	168	167	167	167	162	194	142	147	151

Grain maize production operating costs (average per farm):

Specific costs	€/ha	485	470	479	472	490	477	497	493	516	521
including:											
Seeds	€/ha	136	136	144	140	140	137	140	136	135	129
Fertilizers	€/ha	195	183	179	174	202	192	195	191	217	223
Crop protection	€/ha	116	115	117	116	113	115	117	118	121	126
Water	€/ha	34	33	36	37	34	33	45	48	41	42
Other specific costs	€/ha	3	3	3	4	2	1	0	1	2	1
Non-specific costs	€/ha	422	422	424	434	446	452	454	470	516	551
including: motor fuels and lubricants	€/ha	52	50	47	64	66	55	62	68	86	92
machines & buildings upkeep	€/ha	94	96	104	98	100	99	98	100	102	105
Contract work	€/ha	115	110	107	109	106	113	106	124	125	138
Energy	€/ha	30	39	33	33	33	34	34	31	41	40
Other direct costs	€/ha	131	128	133	130	140	151	153	146	162	175
Operating costs per hectare	€/ha	907	892	903	906	937	929	951	963	1032	1072
Operating costs per tonne of grain	€/t	94	94	94	95	101	96	113	99	106	111

Margin - receipts over operating costs per hectare

without direct payments	€/ha	339	303	310	278	174	176	239	156	164	322
with coupled direct payments	€/ha	759	711	710	695	619	635	683	420	400	380

Margin - receipts over operating costs per tonne of grain

without direct payments	€/t	35	32	32	29	19	18	28	16	17	33
with coupled direct payments	€/t	79	75	74	73	67	66	81	43	41	39

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	9%	10%	9%	11%	11%	10%	10%	10%	12%	12%
(B = fertilisers & crop prot.)/operating c.	%	34%	33%	33%	32%	34%	33%	33%	32%	33%	33%
(C = A + B) /operating costs	%	43%	43%	42%	43%	44%	43%	43%	42%	45%	45%

Hungary

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								320	342	349
Farms represented	number								11777	15314	11443
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								56.2	47.4	70.0
Total labour input	AWU								0.91	0.90	1.11
Grain maize area	ha								28.8	23.7	35.9
of which irrigated	ha										
Grain maize production	t								226	192	273
Grain maize yield	t / ha								7.9	8.1	7.6
Common wheat	ha								13.6	10.4	14.4
Durum wheat	ha								0.0	0.0	0.1
Barley	ha								2.1	1.7	2.8
Oats	ha								0.4	0.6	0.4
Rye	ha								0.1	0.1	0.0
Summer cer_mix	ha										
Oth.cereals	ha								1.6	1.0	0.9
Grain maize output	'000 €								21.7	17.4	28.1
Total output	'000 €								39.4	30.2	48.1
Receipts from grain maize (average per farm):											
grain	€/ha								754	733	782
by-products (straw)	€/ha								2	1	1
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								756	735	783
Receipts per tonne of grain	€/t								96	91	103
Grain maize production operating costs (average per farm):											
Specific costs	€/ha								263	270	260
including:											
Seeds	€/ha								79	88	87
Fertilizers	€/ha								89	92	95
Crop protection	€/ha								72	78	70
Water	€/ha										
Other specific costs	€/ha								24	12	8
Non-specific costs	€/ha								287	325	299
including: motor fuels and lubricants	€/ha								95	111	108
machines & buildings upkeep	€/ha								32	32	35
Contract work	€/ha								90	124	97
Energy	€/ha								13	18	18
Other direct costs	€/ha								57	41	41
Operating costs per hectare	€/ha								551	595	559
Operating costs per tonne of grain	€/t								70	74	73
Margin - receipts over operating costs per hectare											
without direct payments	€/ha								206	139	224
with coupled direct payments	€/ha								206	139	224
Margin - receipts over operating costs per tonne of grain											
without direct payments	€/t								26	17	29
with coupled direct payments	€/t								26	17	29
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								20%	22%	23%
(B = fertilisers & crop prot.)/operating c.	%								29%	29%	30%
(C = A + B) /operating costs	%								49%	50%	52%

Italy

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	551	510	549	628	584	640	526	578	527	596
Farms represented	number	46366	46754	40589	48348	53987	38571	38950	38728	33991	36886
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	12.1	12.7	15.4	14.2	12.9	17.8	17.8	16.0	16.1	16.2
Total labour input	AWU	0.92	1.03	0.96	0.84	0.78	1.00	1.00	0.95	0.95	0.95
Grain maize area	ha	7.9	7.9	9.9	9.0	8.6	11.6	11.6	10.6	10.5	10.2
of which irrigated	ha							7.5	6.6	6.7	6.2
Grain maize production	t	88	84	112	98	94	128	113	112	117	108
Grain maize yield	t / ha	11.2	10.6	11.3	10.9	11.0	11.0	9.7	10.6	11.2	10.7
Common wheat	ha	0.7	0.7	1.0	1.1	0.7	1.4	1.4	1.2	1.3	1.3
Durum wheat	ha	0.1	0.1	0.1	0.2	0.2	0.4	0.5	0.4	0.3	0.2
Barley	ha	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.4
Oats	ha	0.0	0.1	0.0				0.0	0.0	0.0	0.0
Rye	ha	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Summer cer_mix	ha			0.0	0.0						
Oth.cereals	ha	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grain maize output	'000 €	11.2	11.1	14.9	12.5	11.7	16.2	16.6	13.7	13.9	15.4
Total output	'000 €	16.8	17.0	21.2	18.4	16.9	23.1	23.3	19.7	20.4	22.6

Receipts from grain maize (average per farm):

grain	€/ha	1424	1404	1502	1401	1365	1397	1436	1289	1322	1520
by-products (straw)	€/ha	10	10	8	8	6	9	7	11	8	13
coupled direct payments	€/ha	431	423	421	465	520	472	163	173		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1864	1837	1931	1874	1891	1878	1605	1473	1331	1533
Receipts per tonne of grain	€/t	167	174	170	171	172	171	165	139	119	144

Grain maize production operating costs (average per farm):

Specific costs	€/ha	402	389	375	388	391	393	410	396	386	420
including:											
Seeds	€/ha	122	122	123	130	134	141	142	138	137	141
Fertilizers	€/ha	186	174	169	172	173	168	165	160	159	169
Crop protection	€/ha	82	85	74	80	73	74	75	75	72	80
Water	€/ha							19	12	12	20
Other specific costs	€/ha	12	8	9	7	12	10	8	11	7	10
Non-specific costs	€/ha	364	330	370	423	396	367	365	367	373	415
including: motor fuels and lubricants	€/ha	111	104	111	131	123	115	110	112	139	160
machines & buildings upkeep	€/ha	58	58	59	63	51	57	49	49	45	50
Contract work	€/ha	92	81	92	103	90	85	92	99	94	97
Energy	€/ha	7	6	5	6	5	4	5	10	8	8
Other direct costs	€/ha	95	82	103	120	127	106	109	99	86	99
Operating costs per hectare	€/ha	766	719	745	811	787	760	775	764	759	835
Operating costs per tonne of grain	€/t	69	68	66	74	72	69	80	72	68	78

Margin - receipts over operating costs per hectare

without direct payments	€/ha	668	695	765	598	584	645	667	536	572	698
with coupled direct payments	€/ha	1099	1118	1186	1063	1103	1117	830	709	572	698

Margin - receipts over operating costs per tonne of grain

without direct payments	€/t	60	66	68	55	53	59	69	51	51	65
with coupled direct payments	€/t	98	106	105	97	100	102	85	67	51	65

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	15%	15%	16%	17%	16%	16%	15%	16%	19%	20%
(B = fertilisers & crop prot.)/operating c.	%	35%	36%	33%	31%	31%	32%	31%	31%	30%	30%
(C = A + B) /operating costs	%	50%	51%	48%	48%	47%	48%	46%	47%	50%	50%

Austria

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number							16	15	16	19
Farms represented	number							570	558	422	725
Structural information (average per farm):											
Total Utilised Agricult. Area	ha							44.0	49.6	55.4	40.4
Total labour input	AWU							1.17	1.31	1.31	1.02
Grain maize area	ha							20.9	23.4	27.7	18.5
of which irrigated	ha										
Grain maize production	t							205	215	262	129
Grain maize yield	t / ha							9.8	9.2	9.5	7.0
Common wheat	ha							4.6	5.4	6.9	5.7
Durum wheat	ha							0.6	1.1	1.0	0.5
Barley	ha							2.6	2.8	0.9	1.7
Oats	ha										
Rye	ha							0.1	0.0		
Summer cer_mix	ha										
Oth.cereals	ha							0.9	0.8	1.1	
Grain maize output	'000 €							37.2	37.0	39.9	27.1
Total output	'000 €							64.8	64.2	63.6	47.4
Receipts from grain maize (average per farm):											
grain	€/ha							1776	1581	1440	1466
by-products (straw)	€/ha							13	5	3	6
coupled direct payments	€/ha							324	322		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha							2112	1908	1443	1473
Receipts per tonne of grain	€/t							215	207	152	211
Grain maize production operating costs (average per farm):											
Specific costs	€/ha							464	402	427	414
including:											
Seeds	€/ha							197	188	180	172
Fertilizers	€/ha							172	142	159	155
Crop protection	€/ha							92	71	85	86
Water	€/ha										
Other specific costs	€/ha							2	1	3	2
Non-specific costs	€/ha							606	532	523	518
including: motor fuels and lubricants	€/ha							84	88	98	107
machines & buildings upkeep	€/ha							109	79	83	88
Contract work	€/ha							207	155	173	156
Energy	€/ha							30	29	37	16
Other direct costs	€/ha							175	181	131	150
Operating costs per hectare	€/ha							1069	934	949	932
Operating costs per tonne of grain	€/t							109	101	100	134
Margin - receipts over operating costs per hectare											
without direct payments	€/ha							719	653	494	541
with coupled direct payments	€/ha							1043	975	494	541
Margin - receipts over operating costs per tonne of grain											
without direct payments	€/t							73	71	52	78
with coupled direct payments	€/t							106	106	52	78
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%							11%	13%	14%	13%
(B = fertilisers & crop prot.)/operating c.	%							25%	23%	26%	26%
(C = A + B) /operating costs	%							35%	35%	40%	39%

Poland

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								93	76	60
Farms represented	number								3314	2898	2208
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								79.4	50.4	72.0
Total labour input	AWU								1.71	1.40	2.02
Grain maize area	ha								51.5	31.0	41.2
of which irrigated	ha								0.7		
Grain maize production	t								364	220	213
Grain maize yield	t / ha								7.1	7.1	5.2
Common wheat	ha								12.2	8.7	12.9
Durum wheat	ha								0.2		
Barley	ha								1.9	3.4	2.7
Oats	ha								0.4	0.5	0.9
Rye	ha								2.7	0.4	0.7
Summer cer_mix	ha								0.3	0.7	0.3
Oth.cereals	ha								1.5	1.4	1.5
Grain maize output	'000 €								32.9	20.0	29.4
Total output	'000 €								50.1	32.2	49.3
Receipts from grain maize (average per farm):											
grain	€/ha								638	645	713
by-products (straw)	€/ha								1	1	0
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								639	646	714
Receipts per tonne of grain	€/t								90	91	138
Grain maize production operating costs (average per farm):											
Specific costs	€/ha								226	301	288
including:											
Seeds	€/ha								68	80	74
Fertilizers	€/ha								112	161	152
Crop protection	€/ha								44	57	57
Water	€/ha								0		
Other specific costs	€/ha								2	2	4
Non-specific costs	€/ha								136	159	189
including: motor fuels and lubricants	€/ha								43	64	84
machines & buildings upkeep	€/ha								23	25	38
Contract work	€/ha								21	19	23
Energy	€/ha								40	40	30
Other direct costs	€/ha								10	11	14
Operating costs per hectare	€/ha								362	460	476
Operating costs per tonne of grain	€/t								51	65	92
Margin - receipts over operating costs per hectare											
without direct payments	€/ha								276	186	237
with coupled direct payments	€/ha								276	186	237
Margin - receipts over operating costs per tonne of grain											
without direct payments	€/t								39	26	46
with coupled direct payments	€/t								39	26	46
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								23%	23%	24%
(B = fertilisers & crop prot.)/operating c.	%								43%	48%	44%
(C = A + B) /operating costs	%								66%	70%	68%

Portugal

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number	61	76	48	36	50	41	31	39	26	28
Farms represented	number	7620	7625	4092	4300	4270	4743	2616	2469	2945	2062
Structural information (average per farm):											
Total Utilised Agricult. Area	ha	14.6	28.8	13.1	10.5	25.3	11.1	22.0	10.9	8.3	13.1
Total labour input	AWU	1.65	1.34	0.91	0.78	1.03	1.19	1.11	1.11	1.08	1.08
Grain maize area	ha	5.3	8.9	4.7	5.3	9.0	6.2	7.1	6.4	4.8	6.3
of which irrigated	ha										
Grain maize production	t	40	63	39	43	78	53	59	47	31	52
Grain maize yield	t / ha	7.6	7.1	8.4	8.1	8.7	8.6	8.4	7.3	6.5	8.2
Common wheat	ha	2.1	1.4	0.0	0.2	0.2	0.0		0.0	0.1	0.8
Durum wheat	ha	0.0	0.3		0.3	2.3	0.3	4.5	0.6		
Barley	ha		0.0			0.1					0.1
Oats	ha	0.3	0.1	0.1	0.1	0.2	0.0	0.3			0.2
Rye	ha	0.3	0.4			0.1					
Summer cer_mix	ha										
Oth.cereals	ha										
Grain maize output	'000 €	6.9	9.4	6.4	6.8	12.2	8.1	9.6	7.7	5.6	9.8
Total output	'000 €	11.2	13.4	10.9	11.4	19.4	12.8	16.3	10.9	8.8	15.9

Receipts from grain maize (average per farm):

grain	€/ha	1291	1060	1365	1269	1355	1311	1359	1205	1153	1542
by-products (straw)	€/ha	24	6	2	7	10	2	22	3		1
coupled direct payments	€/ha	18	13	2	4	13	5	13	3		
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha	1333	1079	1369	1280	1379	1318	1394	1211	1153	1543
Receipts per tonne of grain	€/t	176	152	164	157	159	154	166	167	178	188

Grain maize production operating costs (average per farm):

Specific costs	€/ha	615	474	506	479	578	472	531	518	467	343
including:											
Seeds	€/ha	181	146	136	166	170	142	201	158	195	157
Fertilizers	€/ha	254	211	174	181	244	180	194	219	169	110
Crop protection	€/ha	111	71	96	79	103	96	78	95	66	56
Water	€/ha	4	3	4	0	1	3	0	1	0	1
Other specific costs	€/ha	65	42	95	53	61	50	59	45	37	19
Non-specific costs	€/ha	533	374	406	429	495	467	455	464	360	321
including:											
motor fuels and lubricants	€/ha	132	98	88	110	108	91	91	106	98	88
machines & buildings upkeep	€/ha	116	82	71	72	96	67	46	60	53	39
Contract work	€/ha	83	87	108	119	138	152	146	185	75	87
Energy	€/ha	93	41	46	46	52	49	54	51	57	55
Other direct costs	€/ha	108	67	92	83	101	108	118	63	77	53
Operating costs per hectare	€/ha	1148	848	912	908	1073	939	986	983	827	664
Operating costs per tonne of grain	€/t	152	119	109	112	124	110	118	135	128	81

Margin - receipts over operating costs per hectare

without direct payments	€/ha	167	218	455	368	293	374	394	226	326	879
with coupled direct payments	€/ha	185	231	457	372	306	379	408	228	326	879

Margin - receipts over operating costs per tonne of grain

without direct payments	€/t	22	31	54	45	34	44	47	31	50	107
with coupled direct payments	€/t	25	32	55	46	35	44	49	31	50	107

Energy cost indicators

(A = fuels, lubr., energy)/operating costs	%	20%	16%	15%	17%	15%	15%	15%	16%	19%	22%
(B = fertilisers & crop prot.)/operating c.	%	32%	33%	30%	29%	32%	29%	28%	32%	28%	25%
(C = A + B) /operating costs	%	51%	50%	44%	46%	47%	44%	42%	48%	47%	47%

Slovakia

farms specialised in grain maize production: 40 % or more of output from grain maize production

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Representativeness of the sample:											
Sample farms	number								19	28	30
Farms represented	number								156	223	233
Structural information (average per farm):											
Total Utilised Agricult. Area	ha								97.4	159.9	225.2
Total labour input	AWU								1.61	3.23	3.98
Grain maize area	ha								46.7	82.4	109.9
of which irrigated	ha								23.0		16.1
Grain maize production	t								342	735	759
Grain maize yield	t / ha								7.3	8.9	6.9
Common wheat	ha								13.8	32.2	41.7
Durum wheat	ha								2.8	3.4	1.8
Barley	ha								16.1	14.5	29.4
Oats	ha								0.1	0.9	
Rye	ha								1.1		0.4
Summer cer_mix	ha									0.1	
Oth.cereals	ha								0.1		0.2
Grain maize output	'000 €								29.2	61.1	75.6
Total output	'000 €								55.8	119.9	149.2
Receipts from grain maize (average per farm):											
grain	€/ha								627	741	688
by-products (straw)	€/ha								5		
coupled direct payments	€/ha										
other crop-specific subsidies (incl. top-ups)	€/ha										
Receipts per hectare	€/ha								632	741	688
Receipts per tonne of grain	€/t								86	83	100
Grain maize production operating costs (average per farm):											
Specific costs	€/ha								227	249	297
including:											
Seeds	€/ha								72	90	95
Fertilizers	€/ha								72	78	109
Crop protection	€/ha								62	69	85
Water	€/ha								5		1
Other specific costs	€/ha								16	12	7
Non-specific costs	€/ha								293	305	369
including:											
motor fuels and lubricants	€/ha								75	79	91
machines & buildings upkeep	€/ha								43	48	52
Contract work	€/ha								69	82	84
Energy	€/ha								7	10	14
Other direct costs	€/ha								99	85	129
Operating costs per hectare	€/ha								520	554	666
Operating costs per tonne of grain	€/t								71	62	96
Margin - receipts over operating costs per hectare											
without direct payments	€/ha								112	188	22
with coupled direct payments	€/ha								112	188	22
Margin - receipts over operating costs per tonne of grain											
without direct payments	€/t								15	21	3
with coupled direct payments	€/t								15	21	3
Energy cost indicators											
(A = fuels, lubr., energy)/operating costs	%								16%	16%	16%
(B = fertilisers & crop prot.)/operating c.	%								26%	27%	29%
(C = A + B) /operating costs	%								42%	43%	45%

7.7.4. *Income of farms specialised in production of cereals***Specialist cereal production farms****European Union average (EU-15 until 2003 and EU-25 from 2004 to 2006)**

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	3 278	3 129	3 027	3 296	3 273	3 300	3 101	4 455	3 876	4 299
Farms represented	number	234 198	221 274	201 048	205 496	212 771	203 406	207 284	262 444	237 908	278 282
Economic size	ESU	23.6	24.3	27.5	28.3	26.7	28.4	27.9	24.0	22.4	24.2
Total labour input	AWU	0.94	0.98	0.96	0.88	0.84	0.93	0.92	0.92	0.92	0.96
Unpaid labour input	AWU	0.82	0.87	0.87	0.79	0.76	0.83	0.85	0.83	0.83	0.86
Total Utilised Agricult. Area	ha	48.4	50.0	51.6	52.5	48.6	54.4	53.0	52.4	49.5	52.7
Rented U.A.A.	ha	23.6	24.3	26.2	26.3	24.6	27.7	26.3	25.6	24.3	26.2
Total livestock units	LU	1.1	1.3	1.1	1.4	1.3	1.0	1.4	1.2	0.8	1.2
Total output	'000 €	28.2	27.9	29.5	30.5	27.6	29.5	30.0	28.3	24.2	30.5
Total output crops & products	'000 €	26.9	26.6	28.1	28.9	26.2	28.2	28.7	27.0	22.9	29.1
Total output livest.&products	'000 €	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.4
Other output	'000 €	0.9	0.9	1.1	1.2	1.0	1.0	0.9	0.9	1.0	1.0
Total Inputs	'000 €	29.2	30.7	32.8	34.7	33.1	34.6	33.1	30.8	30.1	32.2
Total intermed. consumpt.	'000 €	18.3	19.0	19.9	21.0	20.3	21.5	20.7	20.1	19.8	21.1
Total specific costs	'000 €	10.0	10.5	10.9	10.9	10.9	11.4	10.6	10.5	10.1	10.6
- Seeds and plants	'000 €	2.6	2.7	2.7	2.7	2.7	2.9	2.8	2.6	2.5	2.5
- Fertilisers	'000 €	4.3	4.5	4.4	4.4	4.6	4.9	4.5	4.4	4.4	4.7
- Crop protection	'000 €	2.6	2.8	3.2	3.2	3.0	3.1	2.9	2.8	2.7	2.8
- Feed for grazing livestock	'000 €	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
- Feed for pigs&poultry	'000 €	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	8.3	8.4	9.0	10.1	9.4	10.1	10.0	9.6	9.7	10.5
- Machin.&build. current costs	'000 €	2.2	2.2	2.6	2.7	2.5	2.5	2.5	2.3	2.1	2.3
- Energy	'000 €	2.0	2.0	2.1	2.6	2.4	2.4	2.4	2.6	3.0	3.2
- Contract work	'000 €	1.8	1.9	1.9	2.2	2.1	2.4	2.3	2.3	2.2	2.4
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	5.7	6.1	6.9	7.1	6.8	6.9	6.5	5.8	5.6	5.9
Total external factors	'000 €	5.2	5.6	6.0	6.6	6.0	6.3	5.9	4.9	4.7	5.2
Wages paid	'000 €	1.4	1.5	1.5	1.6	1.5	1.5	1.3	1.2	1.1	1.3
Rent paid	'000 €	2.5	2.8	3.2	3.5	3.2	3.5	3.6	2.7	2.7	3.0
Interest paid	'000 €	1.3	1.3	1.3	1.4	1.3	1.2	1.1	0.9	0.9	0.9
Subsidies and taxes	'000 €	12.4	13.1	14.7	15.6	15.3	16.3	15.6	13.7	12.8	14.5
Balance current subsid.&taxes	'000 €	12.4	13.1	14.7	15.6	15.2	16.3	15.7	13.6	12.8	14.0
Balance subs.&taxes on invest	'000 €	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	0.0	0.5
Income indicators											
Farm Net Value Added (FNVA)	'000 €	16.7	15.9	17.4	18.1	15.8	17.5	18.5	16.0	11.6	17.6
FNVA per AWU	'000 €/AWU	17.8	16.2	18.1	20.5	18.7	18.8	20.0	17.3	12.6	18.2
Farm Net Income (FNI)	'000 €	11.5	10.3	11.4	11.4	9.8	11.2	12.5	11.2	6.9	12.8
Cost for own resources	'000 €	15.7	16.9	18.0	18.7	17.4	18.6	18.5	16.3	15.7	16.8
Own labour costs	'000 €	10.5	11.3	11.7	11.9	11.8	12.7	13.1	10.9	11.2	12.0
Own land cost	'000 €	3.1	3.8	4.3	4.2	4.1	4.5	4.3	4.2	3.7	3.7
Own capital cost	'000 €	2.1	1.8	2.0	2.6	1.6	1.4	1.1	1.1	0.9	1.1
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-4.2	-6.6	-6.7	-7.3	-7.6	-7.4	-6.1	-5.1	-8.8	-4.0

Specialist cereal production farms

Cyprus		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								25	19	
Farms represented	number								684	1 366	
Economic size	ESU								15.3	4.9	
Total labour input	AWU								1.05	0.48	
Unpaid labour input	AWU								0.96	0.48	
Total Utilised Agricult. Area	ha								40.8	18.0	
Rented U.A.A.	ha								35.4	14.8	
Total livestock units	LU									0.0	
Total output	'000 €								13.2	4.4	
Total output crops & products	'000 €								13.1	4.4	
Total output livest.&products	'000 €									0.1	
Other output	'000 €								0.1		
Total Inputs	'000 €								26.0	9.5	
Total intermed. consumpt.	'000 €								11.1	4.8	
Total specific costs	'000 €								6.8	1.8	
- Seeds and plants	'000 €								2.3	0.7	
- Fertilisers	'000 €								3.5	0.9	
- Crop protection	'000 €								1.0	0.3	
- Feed for grazing livestock	'000 €									0.0	
- Feed for pigs&poultry	'000 €										
- Other specific costs	'000 €								0.0	0.0	
Total farming overheads	'000 €								4.3	3.0	
- Machin.&build. current costs	'000 €								2.3	0.7	
- Energy	'000 €								1.0	1.2	
- Contract work	'000 €								0.9	0.9	
- Other farming overheads	'000 €								0.0	0.0	
Depreciation	'000 €								7.0	3.3	
Total external factors	'000 €								7.9	1.4	
Wages paid	'000 €								0.6	0.0	
Rent paid	'000 €								6.6	1.3	
Interest paid	'000 €								0.7	0.0	
Subsidies and taxes	'000 €								7.4	5.4	
Balance current subsid.&taxes	'000 €								7.4	5.4	
Balance subs.&taxes on invest	'000 €										
Income indicators											
Farm Net Value Added (FNVA)	'000 €								2.5	1.8	
FNVA per AWU	'000 €/AWU								2.4	3.6	
Farm Net Income (FNI)	'000 €								-5.4	0.4	
Cost for own resources	'000 €								10.6	4.6	
Own labour costs	'000 €								8.8	3.6	
Own land cost	'000 €								0.7	0.5	
Own capital cost	'000 €								1.0	0.5	
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								-16.0	-4.3	

Specialist cereal production farms**Czech Republic**

		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								83	69	99
Farms represented	number								1 087	883	1 402
Economic size	ESU								39.5	40.2	31.7
Total labour input	AWU								2.11	1.79	2.03
Unpaid labour input	AWU								1.31	1.42	1.57
Total Utilised Agricult. Area	ha								140.4	146.2	106.2
Rented U.A.A.	ha								111.3	112.1	77.2
Total livestock units	LU								4.9	3.1	2.0
Total output	'000 €								72.3	64.5	65.3
Total output crops & products	'000 €								68.6	61.7	63.0
Total output livest.&products	'000 €								2.1	1.4	1.1
Other output	'000 €								1.5	1.3	1.1
Total Inputs	'000 €								69.2	73.9	70.2
Total intermed. consumpt.	'000 €								50.4	54.2	51.2
Total specific costs	'000 €								27.9	26.4	25.1
- Seeds and plants	'000 €								6.4	6.5	5.6
- Fertilisers	'000 €								9.6	8.9	8.6
- Crop protection	'000 €								9.3	9.4	8.6
- Feed for grazing livestock	'000 €								1.2	0.7	0.5
- Feed for pigs&poultry	'000 €								1.1	0.5	0.4
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								22.5	27.7	26.1
- Machin.&build. current costs	'000 €								5.7	7.6	9.6
- Energy	'000 €								8.6	9.8	8.8
- Contract work	'000 €								3.9	7.1	4.6
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								8.0	10.8	10.7
Total external factors	'000 €								10.8	8.9	8.3
Wages paid	'000 €								5.8	2.8	4.2
Rent paid	'000 €								4.3	5.2	3.8
Interest paid	'000 €								0.7	0.9	0.3
Subsidies and taxes	'000 €								15.1	23.1	20.6
Balance current subsid.&taxes	'000 €								15.1	23.0	20.0
Balance subs.&taxes on invest	'000 €									0.2	0.6
Income indicators											
Farm Net Value Added (FNVA)	'000 €								29.0	22.4	23.4
FNVA per AWU	'000 €/AWU								13.7	12.5	11.5
Farm Net Income (FNI)	'000 €								18.2	13.6	15.7
Cost for own resources	'000 €								8.3	18.0	17.1
Own labour costs	'000 €								10.2	11.9	13.6
Own land cost	'000 €								1.1	1.8	1.7
Own capital cost	'000 €								-3.0	4.3	1.7
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								9.9	-4.4	-1.4

Specialist cereal production farms

Denmark		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	166	128	113	121	127	124	125	125	111	122
Farms represented	number	8 094	6 907	6 800	6 805	6 540	5 593	5 975	5 241	5 217	5 116
Economic size	ESU	24.2	21.2	20.9	26.0	25.1	27.1	23.5	26.1	26.2	27.4
Total labour input	AWU	0.55	0.49	0.48	0.53	0.51	0.50	0.47	0.49	0.48	0.48
Unpaid labour input	AWU	0.49	0.45	0.46	0.50	0.48	0.47	0.45	0.46	0.44	0.45
Total Utilised Agricult. Area	ha	37.2	33.0	32.2	40.2	38.7	39.3	34.0	38.7	38.4	40.8
Rented U.A.A.	ha	6.8	5.7	4.7	8.4	7.8	7.3	6.1	10.3	6.8	9.1
Total livestock units	LU	1.8	1.9	1.7	2.8	2.7	1.9	1.6	2.4	1.6	1.0
Total output	'000 €	26.6	19.7	18.9	27.7	27.2	24.4	24.9	23.2	24.0	28.3
Total output crops & products	'000 €	24.6	18.2	17.0	24.3	24.0	21.2	22.0	20.8	21.0	25.4
Total output livest.&products	'000 €	0.6	0.5	0.5	0.6	0.7	0.4	0.4	0.6	0.5	0.3
Other output	'000 €	1.4	1.1	1.4	2.9	2.5	2.7	2.5	1.8	2.6	2.6
Total Inputs	'000 €	39.3	34.7	34.6	44.0	43.6	44.7	38.6	43.3	44.3	47.1
Total intermed. consumpt.	'000 €	20.1	18.3	18.8	22.7	22.6	24.2	20.9	23.5	24.2	24.8
Total specific costs	'000 €	9.0	8.3	7.8	9.6	9.8	10.4	8.8	9.3	9.6	9.3
- Seeds and plants	'000 €	1.9	1.7	1.6	2.1	2.1	2.3	1.8	2.4	2.1	2.1
- Fertilisers	'000 €	3.9	3.3	2.9	3.5	4.1	3.8	2.9	2.8	3.5	3.0
- Crop protection	'000 €	2.0	1.9	1.9	2.4	2.1	2.6	2.3	2.3	2.4	2.2
- Feed for grazing livestock	'000 €	0.5	0.4	0.3	0.7	0.6	0.5	0.5	0.5	0.3	0.4
- Feed for pigs&poultry	'000 €	0.1	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.1	0.1
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	11.0	10.0	11.0	13.1	12.7	13.7	12.1	14.1	14.6	15.5
- Machin.&build. current costs	'000 €	5.2	4.7	5.3	6.2	5.9	5.2	4.6	5.3	5.4	5.4
- Energy	'000 €	1.0	0.8	1.0	1.7	1.6	1.4	1.4	1.5	2.0	2.1
- Contract work	'000 €	2.1	1.9	2.0	2.1	2.3	2.9	2.1	2.9	2.6	3.3
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	6.0	5.2	5.2	6.8	6.8	6.0	5.7	6.2	6.6	6.5
Total external factors	'000 €	13.2	11.2	10.6	14.4	14.3	14.6	12.1	13.7	13.5	15.8
Wages paid	'000 €	1.4	1.0	0.6	0.9	1.0	1.0	0.6	0.8	1.2	1.1
Rent paid	'000 €	2.1	1.7	1.3	2.3	2.2	2.3	2.1	4.0	2.5	3.5
Interest paid	'000 €	9.7	8.5	8.8	11.2	11.1	11.3	9.4	8.9	9.9	11.2
Subsidies and taxes	'000 €	10.1	9.2	9.1	11.3	11.1	10.8	9.2	11.3	9.8	11.6
Balance current subsid.&taxes	'000 €	10.1	9.2	9.1	11.2	11.0	10.7	9.1	11.3	9.8	11.5
Balance subs.&taxes on invest	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Income indicators											
Farm Net Value Added (FNVA)	'000 €	10.5	5.4	3.9	9.4	8.8	5.0	7.4	4.8	3.0	8.5
FNVA per AWU	'000 €/AWU	19.2	11.0	8.2	17.7	17.2	9.9	15.9	9.9	6.2	17.8
Farm Net Income (FNI)	'000 €	-2.7	-5.8	-6.6	-5.0	-5.4	-9.6	-4.6	-8.8	-10.5	-7.2
Cost for own resources	'000 €	29.8	27.2	27.8	30.9	31.9	34.0	32.6	31.7	30.7	36.4
Own labour costs	'000 €	11.4	10.8	11.6	13.2	13.4	13.3	13.3	14.1	14.2	15.0
Own land cost	'000 €	9.5	8.4	8.3	10.0	10.3	11.7	10.5	10.9	13.4	13.2
Own capital cost	'000 €	8.9	8.0	8.0	7.8	8.2	9.0	8.8	6.7	3.1	8.2
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-32.5	-33.0	-34.5	-35.9	-37.3	-43.6	-37.2	-40.6	-41.2	-43.7

Specialist cereal production farms

Germany (*)		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	174	106	123	150	124	83	98	83	61	95
Farms represented	number	4 263	2 852	2 956	3 580	3 546	2 286	3 189	2 430	1 906	2 494
Economic size	ESU	76.1	71.6	94.1	87.4	73.0	72.1	60.4	56.9	98.7	66.6
Total labour input	AWU	1.86	1.85	1.87	1.83	1.54	1.47	1.33	1.47	1.69	1.40
Unpaid labour input	AWU	1.45	1.44	1.44	1.44	1.32	1.29	1.19	1.29	1.23	1.24
Total Utilised Agricult. Area	ha	139.6	136.8	150.6	135.7	115.5	116.1	96.6	112.5	163.8	117.9
Rented U.A.A.	ha	116.8	106.7	124.4	107.0	89.5	85.7	65.4	81.3	112.0	83.1
Total livestock units	LU	5.5	9.7	6.2	8.1	8.2	7.4	9.6	7.5	2.5	4.5
Total output	'000 €	107.2	92.4	103.2	93.6	80.1	64.8	59.2	63.5	130.4	89.0
Total output crops & products	'000 €	100.5	87.2	96.1	86.1	73.6	59.4	53.3	57.7	113.1	83.0
Total output livest.&products	'000 €	1.5	1.2	0.9	1.8	1.8	1.4	2.1	1.7	0.6	1.1
Other output	'000 €	5.3	4.1	6.1	5.7	4.8	4.0	3.8	4.1	16.7	4.8
Total Inputs	'000 €	123.0	118.4	132.0	125.7	105.9	100.7	84.5	93.6	163.8	109.7
Total intermed. consumpt.	'000 €	73.2	69.1	75.0	73.6	63.7	61.4	51.4	56.6	101.0	70.1
Total specific costs	'000 €	37.6	34.7	37.6	36.9	30.2	27.1	24.3	23.9	52.0	32.8
- Seeds and plants	'000 €	6.8	6.9	6.8	6.1	5.7	5.5	4.5	4.4	8.6	6.4
- Fertilisers	'000 €	14.1	11.5	13.6	14.4	11.2	9.7	8.7	9.3	20.0	12.7
- Crop protection	'000 €	14.2	11.6	13.8	12.8	10.4	8.8	8.0	7.7	19.8	10.9
- Feed for grazing livestock	'000 €	0.9	0.9	0.9	0.8	1.0	1.0	1.0	0.7	0.4	1.2
- Feed for pigs&poultry	'000 €	0.2	1.1	0.6	0.8	1.1	0.8	0.9	0.3	0.3	0.4
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	35.6	34.4	37.4	36.7	33.5	34.3	27.1	32.7	49.1	37.2
- Machin.&build. current costs	'000 €	12.0	11.1	11.5	9.8	8.8	8.8	7.4	7.9	11.8	10.3
- Energy	'000 €	7.9	7.6	9.9	10.0	9.1	9.6	6.9	9.4	16.5	10.9
- Contract work	'000 €	4.9	4.7	3.8	5.5	5.2	4.6	4.1	5.3	7.7	6.5
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	23.0	23.5	27.1	23.4	19.6	17.7	15.8	18.3	23.2	16.4
Total external factors	'000 €	26.8	25.9	29.9	28.8	22.6	21.6	17.3	18.6	39.5	23.2
Wages paid	'000 €	6.7	7.1	8.6	7.2	4.8	3.1	2.4	3.2	9.7	3.0
Rent paid	'000 €	15.4	14.5	16.3	16.9	13.7	14.1	11.8	11.6	23.3	16.9
Interest paid	'000 €	4.7	4.4	5.0	4.7	4.1	4.5	3.0	3.8	6.5	3.4
Subsidies and taxes	'000 €	48.8	47.5	54.1	45.6	38.9	39.7	35.7	41.4	45.0	38.8
Balance current subsid.&taxes	'000 €	50.3	49.1	55.2	46.6	40.2	41.8	37.0	42.4	46.4	39.5
Balance subs.&taxes on invest	'000 €	-1.4	-1.6	-1.1	-0.9	-1.4	-2.1	-1.3	-1.1	-1.4	-0.6
Income indicators											
Farm Net Value Added (FNVA)	'000 €	61.3	49.0	56.3	43.3	37.0	27.5	29.0	31.0	52.5	42.0
FNVA per AWU	'000 €/AWU	32.9	26.5	30.1	23.7	24.1	18.7	21.8	21.0	31.1	29.9
Farm Net Income (FNI)	'000 €	33.1	21.5	25.2	13.6	13.1	3.7	10.4	11.3	11.6	18.2
Cost for own resources											
Own labour costs	'000 €	25.7	26.2	26.0	26.1	24.9	23.7	21.7	23.5	21.6	22.6
Own land cost	'000 €	8.9	6.3	5.3	9.0	5.3	6.0	6.2	5.8	14.9	7.2
Own capital cost	'000 €	10.7	8.8	8.6	14.1	6.1	6.1	4.8	6.9	6.4	6.0
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-12.2	-19.8	-14.7	-35.7	-23.1	-32.2	-22.3	-24.9	-31.4	-17.6

(*) provisional data

Specialist cereal production farms

Greece		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	206	257	237	214	246	202	237	258	254	287
Farms represented	number	16 407	20 197	19 143	20 054	20 796	23 864	23 391	29 471	29 453	32 160
Economic size	ESU	7.0	7.3	7.0	6.5	7.1	7.8	8.3	9.0	9.1	8.7
Total labour input	AWU	1.27	1.28	1.20	0.59	0.58	0.64	0.71	0.62	0.63	0.58
Unpaid labour input	AWU	1.26	1.25	1.18	0.57	0.57	0.62	0.69	0.59	0.61	0.56
Total Utilised Agricult. Area	ha	15.3	14.6	13.7	13.1	14.1	12.9	13.5	13.1	13.6	14.2
Rented U.A.A.	ha	9.7	9.3	8.5	7.7	9.0	8.4	8.7	8.0	8.9	9.1
Total livestock units	LU	0.1	0.1	0.3	0.0	0.1	0.1	0.1	0.2	0.0	0.0
Total output	'000 €	9.7	8.1	7.7	7.3	8.7	7.5	8.5	8.9	8.0	9.3
Total output crops & products	'000 €	9.6	8.0	7.6	7.3	8.6	7.3	8.3	8.7	7.8	9.2
Total output livest.&products	'000 €	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Other output	'000 €	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.0
Total Inputs	'000 €	10.7	10.2	10.4	9.4	10.4	10.1	11.1	10.8	11.2	12.2
Total intermed. consumpt.	'000 €	6.4	6.1	6.1	5.8	6.2	5.8	6.5	6.4	6.7	7.3
Total specific costs	'000 €	3.7	3.5	3.4	3.2	3.5	3.4	3.7	3.8	3.8	4.0
- Seeds and plants	'000 €	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.1
- Fertilisers	'000 €	1.8	1.6	1.6	1.5	1.6	1.5	1.7	1.7	1.8	1.9
- Crop protection	'000 €	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8
- Feed for grazing livestock	'000 €	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
- Feed for pigs&poultry	'000 €									0.0	0.0
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	2.7	2.6	2.7	2.5	2.7	2.4	2.8	2.6	2.9	3.3
- Machin.&build. current costs	'000 €	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4
- Energy	'000 €	1.0	0.9	1.0	0.9	0.9	0.8	1.0	1.0	1.0	1.2
- Contract work	'000 €	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.0	1.2	1.2
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	2.5	2.3	2.6	2.1	2.5	2.7	2.6	2.6	2.6	2.9
Total external factors	'000 €	1.8	1.7	1.8	1.5	1.7	1.7	2.0	1.8	1.9	2.0
Wages paid	'000 €	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Rent paid	'000 €	1.5	1.4	1.5	1.3	1.6	1.5	1.7	1.6	1.8	1.8
Interest paid	'000 €	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.0	0.0	0.0
Subsidies and taxes	'000 €	5.0	6.0	5.3	5.2	5.8	5.1	5.7	5.9	6.1	7.5
Balance current subsid.&taxes	'000 €	5.0	5.9	5.3	5.1	5.8	5.1	5.7	5.8	6.1	7.5
Balance subs.&taxes on invest	'000 €	0.1	0.1	0.0	0.0		0.0	0.0	0.1	0.0	0.1
Income indicators											
Farm Net Value Added (FNVA)	'000 €	5.8	5.6	4.3	4.6	5.9	4.2	5.1	5.7	4.8	6.5
FNVA per AWU	'000 €/AWU	4.6	4.4	3.6	7.9	10.1	6.5	7.2	9.2	7.6	11.3
Farm Net Income (FNI)	'000 €	4.1	3.9	2.5	3.1	4.1	2.4	3.0	4.0	2.8	4.6
Cost for own resources	'000 €	5.0	5.0	4.9	4.8	4.7	4.9	5.4	5.0	5.3	5.3
Own labour costs	'000 €	2.9	2.9	2.7	2.9	2.9	3.4	3.9	3.4	4.0	3.7
Own land cost	'000 €	1.3	1.5	1.5	1.4	1.3	1.2	1.3	1.5	1.2	1.4
Own capital cost	'000 €	0.8	0.6	0.7	0.5	0.5	0.3	0.2	0.2	0.1	0.2
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-0.9	-1.1	-2.3	-1.6	-0.6	-2.5	-2.4	-1.0	-2.5	-0.7

Specialist cereal production farms

Spain (*)		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	1 005	965	808	932	860	919	854	870	751	850
Farms represented	number	74 179	70 025	63 287	60 589	54 670	61 829	63 259	69 283	62 517	80 459
Economic size	ESU	20.2	20.5	18.5	20.8	20.9	23.2	22.8	19.1	17.5	18.9
Total labour input	AWU	0.84	0.90	0.91	0.97	0.96	1.01	0.94	0.93	0.90	0.95
Unpaid labour input	AWU	0.68	0.74	0.79	0.86	0.84	0.87	0.89	0.88	0.87	0.91
Total Utilised Agricult. Area	ha	66.4	67.7	62.0	68.3	66.5	73.5	70.5	65.9	59.8	63.3
Rented U.A.A.	ha	26.0	26.1	25.7	28.0	27.1	31.6	29.8	24.8	22.3	24.6
Total livestock units	LU	0.5	0.7	0.5	0.8	0.7	0.5	1.4	0.8	0.4	1.5
Total output	'000 €	22.3	23.1	19.9	24.9	22.2	24.1	24.8	25.6	15.3	23.4
Total output crops & products	'000 €	21.9	22.5	19.5	24.3	21.6	23.4	24.4	25.0	14.9	22.9
Total output livest.&products	'000 €	0.3	0.3	0.2	0.5	0.4	0.4	0.3	0.4	0.2	0.4
Other output	'000 €	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1
Total Inputs	'000 €	16.8	18.2	16.6	19.1	19.1	21.7	18.3	17.1	16.7	17.5
Total intermed. consumpt.	'000 €	12.0	12.9	11.2	13.0	13.0	14.7	13.0	12.8	12.2	12.6
Total specific costs	'000 €	7.1	7.8	6.4	7.1	7.5	8.3	7.1	6.9	6.3	6.2
- Seeds and plants	'000 €	2.4	2.5	2.2	2.3	2.6	2.7	2.5	2.2	2.1	2.1
- Fertilisers	'000 €	3.5	4.0	3.1	3.6	3.7	4.3	3.6	3.7	3.3	3.1
- Crop protection	'000 €	0.8	0.8	0.7	0.7	0.7	0.9	0.9	0.7	0.6	0.7
- Feed for grazing livestock	'000 €	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
- Feed for pigs&poultry	'000 €	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	4.9	5.1	4.9	5.9	5.5	6.4	5.9	5.8	5.9	6.4
- Machin.&build. current costs	'000 €	1.0	1.1	1.2	1.2	1.1	1.2	1.2	1.3	1.2	1.1
- Energy	'000 €	1.6	1.6	1.5	2.0	1.8	2.1	1.9	1.9	2.2	2.3
- Contract work	'000 €	1.2	1.2	1.1	1.5	1.5	1.8	1.7	1.6	1.4	1.6
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	1.8	1.7	2.0	2.0	2.0	2.4	1.8	1.5	1.8	1.8
Total external factors	'000 €	3.1	3.7	3.3	4.1	4.0	4.5	3.5	2.8	2.8	3.1
Wages paid	'000 €	1.3	1.2	1.1	1.1	1.3	1.5	0.7	0.7	0.5	0.7
Rent paid	'000 €	1.6	2.2	2.0	2.7	2.4	2.8	2.7	2.0	2.2	2.3
Interest paid	'000 €	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Subsidies and taxes	'000 €	8.5	9.4	8.9	10.8	11.9	13.0	12.2	10.9	9.7	11.5
Balance current subsid.&taxes	'000 €	8.6	9.6	9.1	11.1	12.1	13.2	12.4	11.1	9.8	10.2
Balance subs.&taxes on invest	'000 €	-0.1	-0.2	-0.2	-0.3	-0.2	-0.1	-0.2	-0.2	-0.1	1.3
Income indicators											
Farm Net Value Added (FNVA)	'000 €	17.2	18.1	15.7	20.9	19.2	20.1	22.4	22.3	11.2	19.2
FNVA per AWU	'000 €/AWU	20.6	20.1	17.4	21.7	19.9	19.9	23.8	23.9	12.4	20.2
Farm Net Income (FNI)	'000 €	14.0	14.2	12.2	16.6	15.0	15.4	18.6	19.4	8.3	17.3
Cost for own resources											
Own labour costs	'000 €	6.0	6.7	7.7	9.3	9.1	9.8	10.8	11.5	11.3	13.1
Own land cost	'000 €	2.7	4.5	3.5	4.2	4.7	5.1	4.3	5.9	4.3	4.2
Own capital cost	'000 €	0.6	0.8	0.7	0.7	0.3	0.2	0.0	0.1	-0.2	-0.1
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	4.8	2.2	0.3	2.3	0.9	0.3	3.6	1.9	-7.1	0.2

(*) provisional data

Specialist cereal production farms

Estonia		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								45	42	38
Farms represented	number								508	340	355
Economic size	ESU								18.8	19.2	18.1
Total labour input	AWU								1.64	1.71	1.45
Unpaid labour input	AWU								1.20	1.28	1.05
Total Utilised Agricult. Area	ha								165.4	161.5	153.5
Rented U.A.A.	ha								98.0	78.6	95.0
Total livestock units	LU								0.8	1.2	0.8
Total output	'000 €								36.5	45.7	37.0
Total output crops & products	'000 €								33.7	42.2	35.5
Total output livest.&products	'000 €								0.4	0.5	0.4
Other output	'000 €								2.4	3.0	1.2
Total Inputs	'000 €								40.7	43.7	39.2
Total intermed. consumpt.	'000 €								28.6	32.8	28.8
Total specific costs	'000 €								17.5	19.2	16.7
- Seeds and plants	'000 €								5.0	4.1	3.5
- Fertilisers	'000 €								7.7	9.5	8.9
- Crop protection	'000 €								3.5	4.0	3.0
- Feed for grazing livestock	'000 €								0.3	0.6	0.3
- Feed for pigs&poultry	'000 €								0.2	0.0	0.1
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								11.1	13.5	12.0
- Machin.&build. current costs	'000 €								2.5	3.4	3.3
- Energy	'000 €								5.2	6.2	6.5
- Contract work	'000 €								1.4	2.0	0.7
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								8.5	7.0	6.6
Total external factors	'000 €								3.6	3.9	3.8
Wages paid	'000 €								1.7	1.9	1.7
Rent paid	'000 €								0.5	0.8	0.8
Interest paid	'000 €								1.4	1.2	1.3
Subsidies and taxes	'000 €								22.8	15.9	19.7
Balance current subsid.&taxes	'000 €								15.1	13.2	19.4
Balance subs.&taxes on invest	'000 €								7.7	2.7	0.3
Income indicators											
Farm Net Value Added (FNVA)	'000 €								14.5	19.1	21.0
FNVA per AWU	'000 €/AWU								8.8	11.2	14.5
Farm Net Income (FNI)	'000 €								18.5	17.9	17.5
Cost for own resources	'000 €								6.3	6.5	4.5
Own labour costs	'000 €								5.5	6.9	6.3
Own land cost	'000 €								0.4	1.5	0.6
Own capital cost	'000 €								0.4	-2.0	-2.4
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								12.2	11.4	13.0

Specialist cereal production farms

France		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	498	527	550	534	531	532	457	461	412	501
Farms represented	number	26 070	26 622	26 738	24 389	26 091	27 575	26 800	26 063	24 193	31 673
Economic size	ESU	60.5	63.2	71.4	71.4	71.7	69.1	65.7	67.1	63.7	66.2
Total labour input	AWU	1.32	1.32	1.30	1.28	1.27	1.36	1.34	1.28	1.30	1.26
Unpaid labour input	AWU	1.17	1.17	1.16	1.13	1.12	1.18	1.19	1.15	1.17	1.14
Total Utilised Agricult. Area	ha	97.3	100.3	101.7	103.4	104.2	98.6	93.4	96.3	92.2	96.7
Rented U.A.A.	ha	79.0	82.4	83.8	85.7	86.1	81.1	76.5	79.7	75.5	78.8
Total livestock units	LU	3.3	2.2	2.5	2.5	2.6	1.9	2.0	2.3	2.3	2.1
Total output	'000 €	83.7	85.0	81.0	81.5	78.0	75.2	72.8	72.2	67.8	79.1
Total output crops & products	'000 €	79.3	81.0	76.9	75.9	73.1	71.3	68.6	67.8	63.3	74.5
Total output livest.&products	'000 €	1.2	0.8	0.8	0.7	0.9	0.6	0.7	0.6	1.0	0.7
Other output	'000 €	3.3	3.2	3.2	4.9	4.0	3.3	3.5	3.8	3.4	3.9
Total Inputs	'000 €	89.4	94.6	93.4	96.0	100.0	91.9	87.0	90.7	87.8	90.1
Total intermed. consumpt.	'000 €	55.1	58.2	56.5	57.9	61.4	57.1	54.0	56.9	56.2	58.0
Total specific costs	'000 €	31.0	33.6	33.0	32.0	35.0	31.2	28.8	30.0	29.6	30.3
- Seeds and plants	'000 €	7.1	7.4	7.0	7.1	7.3	6.8	6.9	6.8	6.2	5.8
- Fertilisers	'000 €	12.8	13.3	12.9	12.1	14.6	12.6	11.7	11.9	12.6	13.4
- Crop protection	'000 €	10.3	12.3	12.5	12.3	12.5	11.4	9.8	10.9	10.3	10.8
- Feed for grazing livestock	'000 €	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
- Feed for pigs&poultry	'000 €	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	24.1	24.6	23.4	25.9	26.5	25.9	25.2	26.9	26.5	27.7
- Machin.&build. current costs	'000 €	6.4	6.6	6.4	6.8	6.8	6.7	6.3	6.6	6.1	6.2
- Energy	'000 €	4.5	4.7	4.2	5.4	5.5	4.6	4.7	4.9	5.9	6.1
- Contract work	'000 €	5.4	5.1	4.6	5.2	5.2	5.2	4.8	5.8	5.3	5.9
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	18.8	19.6	20.2	20.8	20.9	18.8	18.1	18.9	17.3	17.8
Total external factors	'000 €	15.5	16.8	16.7	17.2	17.6	16.0	15.0	14.9	14.4	14.3
Wages paid	'000 €	2.7	3.0	2.7	3.0	3.4	2.9	2.7	2.6	2.6	2.4
Rent paid	'000 €	8.6	9.6	10.1	10.4	10.5	9.9	9.3	9.6	9.1	9.4
Interest paid	'000 €	4.2	4.2	4.0	3.9	3.7	3.2	2.9	2.8	2.6	2.5
Subsidies and taxes	'000 €	34.9	35.8	36.9	35.7	38.1	37.0	35.4	36.5	33.9	34.2
Balance current subsid.&taxes	'000 €	34.6	35.6	36.8	35.5	37.9	36.8	35.2	36.3	33.7	34.1
Balance subs.&taxes on invest	'000 €	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Income indicators											
Farm Net Value Added (FNVA)	'000 €	44.4	42.7	41.0	38.3	33.5	36.1	35.9	32.7	28.1	37.3
FNVA per AWU	'000 €/AWU	33.6	32.3	31.6	29.9	26.3	26.6	26.8	25.5	21.5	29.7
Farm Net Income (FNI)	'000 €	29.2	26.2	24.4	21.2	16.0	20.3	21.2	18.0	13.9	23.2
Cost for own resources	'000 €	28.4	28.5	28.8	30.8	28.9	23.9	24.2	25.0	25.2	25.2
Own labour costs	'000 €	21.7	21.9	22.3	22.5	22.6	18.7	20.1	20.6	21.3	20.9
Own land cost	'000 €	2.2	2.2	2.3	2.1	2.3	2.3	2.1	2.1	2.0	2.4
Own capital cost	'000 €	4.6	4.5	4.3	6.2	4.0	2.9	1.9	2.3	2.0	1.8
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	0.8	-2.4	-4.4	-9.5	-12.9	-3.7	-3.0	-7.0	-11.4	-2.0

Specialist cereal production farms

Hungary		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								424	367	345
Farms represented	number								17 814	15 724	15 272
Economic size	ESU								12.6	13.0	14.5
Total labour input	AWU								0.67	0.78	0.92
Unpaid labour input	AWU								0.44	0.53	0.61
Total Utilised Agricult. Area	ha								50.1	50.7	56.5
Rented U.A.A.	ha								27.8	26.0	30.8
Total livestock units	LU								1.2	1.0	1.2
Total output	'000 €								27.2	25.5	31.1
Total output crops & products	'000 €								25.6	24.0	29.4
Total output livest.&products	'000 €								0.5	0.5	0.6
Other output	'000 €								1.1	1.0	1.2
Total Inputs	'000 €								27.6	29.0	32.4
Total intermed. consumpt.	'000 €								19.2	20.2	22.7
Total specific costs	'000 €								9.1	9.3	10.5
- Seeds and plants	'000 €								2.6	2.9	3.2
- Fertilisers	'000 €								3.1	3.2	3.9
- Crop protection	'000 €								2.4	2.5	2.7
- Feed for grazing livestock	'000 €								0.3	0.2	0.2
- Feed for pigs&poultry	'000 €								0.2	0.1	0.2
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								10.1	11.0	12.2
- Machin.&build. current costs	'000 €								1.3	1.3	1.5
- Energy	'000 €								3.7	4.2	5.3
- Contract work	'000 €								3.4	4.0	4.0
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								4.4	4.6	4.7
Total external factors	'000 €								4.0	4.2	5.0
Wages paid	'000 €								1.4	1.6	1.9
Rent paid	'000 €								1.3	1.5	1.9
Interest paid	'000 €								1.2	1.1	1.1
Subsidies and taxes	'000 €								7.8	10.0	10.1
Balance current subsid.&taxes	'000 €								7.5	9.6	9.9
Balance subs.&taxes on invest	'000 €								0.3	0.4	0.1
Income indicators											
Farm Net Value Added (FNVA)	'000 €								11.1	10.2	13.6
FNVA per AWU	'000 €/AWU								16.6	13.0	14.8
Farm Net Income (FNI)	'000 €								7.4	6.4	8.8
Cost for own resources	'000 €								5.9	7.0	7.2
Own labour costs	'000 €								2.9	3.7	4.1
Own land cost	'000 €								1.3	1.6	1.8
Own capital cost	'000 €								1.6	1.7	1.3
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								1.6	-0.6	1.6

Specialist cereal production farms

Ireland		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number		18	16				17	18		20
Farms represented	number		1 255	1 720				1 278	1 488		1 397
Economic size	ESU		47.2	61.1				73.5	28.1		29.5
Total labour input	AWU		0.90	0.70				0.88	0.48		0.65
Unpaid labour input	AWU		0.83	0.60				0.73	0.45		0.65
Total Utilised Agricult. Area	ha		84.5	84.0				107.5	51.0		60.0
Rented U.A.A.	ha		39.2	38.5				57.9	21.1		23.0
Total livestock units	LU		4.8	5.6				2.8	4.7		2.8
Total output	'000 €		56.5	64.5				97.5	41.6		49.5
Total output crops & products	'000 €		55.2	62.8				95.0	40.5		48.2
Total output livest.&products	'000 €		1.0	1.5				0.5	0.9		1.0
Other output	'000 €		0.3	0.2				2.1	0.2		0.3
Total Inputs	'000 €		65.6	62.3				91.4	39.8		47.0
Total intermed. consumpt.	'000 €		45.0	42.1				61.8	28.1		35.8
Total specific costs	'000 €		26.5	24.6				38.3	16.4		18.9
- Seeds and plants	'000 €		4.5	4.8				5.8	2.5		3.2
- Fertilisers	'000 €		8.9	8.7				15.2	6.9		8.9
- Crop protection	'000 €		11.7	10.0				16.3	6.7		6.2
- Feed for grazing livestock	'000 €		0.3	0.1				0.2	0.2		0.3
- Feed for pigs&poultry	'000 €										
- Other specific costs	'000 €		0.0	0.0				0.0	0.0		0.0
Total farming overheads	'000 €		18.5	17.5				23.5	11.6		16.9
- Machin.&build. current costs	'000 €		3.5	4.3				5.0	1.7		3.3
- Energy	'000 €		2.0	1.5				4.1	1.3		1.4
- Contract work	'000 €		11.1	9.7				12.6	7.8		11.2
- Other farming overheads	'000 €		0.0	0.0				0.0	0.0		0.0
Depreciation	'000 €		3.7	2.1				7.7	5.5		4.7
Total external factors	'000 €		16.9	18.1				21.9	6.3		6.5
Wages paid	'000 €		1.1	1.1				2.8	0.5		0.1
Rent paid	'000 €		14.0	15.3				17.4	5.4		5.4
Interest paid	'000 €		1.9	1.7				1.7	0.3		1.0
Subsidies and taxes	'000 €		32.9	29.3				39.3	20.0		25.6
Balance current subsid.&taxes	'000 €		32.9	29.1				39.4	20.3		25.7
Balance subs.&taxes on invest	'000 €			0.2				0.0	-0.3		0.0
Income indicators											
Farm Net Value Added (FNVA)	'000 €		40.8	49.4				67.4	28.3		34.6
FNVA per AWU	'000 €/AWU		45.4	71.1				76.6	59.0		53.0
Farm Net Income (FNI)	'000 €		23.9	31.5				45.5	21.8		28.1
Cost for own resources	'000 €		24.7	25.9				28.8	17.4		24.3
Own labour costs	'000 €		8.7	6.6				10.4	6.7		13.0
Own land cost	'000 €		16.7	19.1				17.0	9.9		10.8
Own capital cost	'000 €		-0.7	0.1				1.3	0.8		0.5
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €		-0.8	5.6				16.7	4.4		3.9

Specialist cereal production farms

Italy		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	848	760	872	950	1 036	1 111	947	940	823	914
Farms represented	number	82 116	71 821	63 319	69 609	80 247	61 767	63 321	57 285	54 045	58 086
Economic size	ESU	10.7	11.0	14.2	13.9	12.8	15.6	15.5	16.0	15.7	15.8
Total labour input	AWU	0.76	0.81	0.79	0.70	0.64	0.79	0.83	0.77	0.77	0.81
Unpaid labour input	AWU	0.75	0.80	0.78	0.68	0.63	0.76	0.79	0.74	0.75	0.77
Total Utilised Agricult. Area	ha	12.7	13.5	16.8	16.1	14.7	20.3	20.1	19.1	19.3	19.8
Rented U.A.A.	ha	3.4	3.6	4.8	5.4	4.8	6.8	6.5	5.6	6.1	6.3
Total livestock units	LU	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.2	0.2	0.3
Total output	'000 €	10.4	10.3	13.6	12.1	11.8	15.7	15.6	14.3	14.6	16.8
Total output crops & products	'000 €	10.2	10.2	13.4	12.0	11.6	15.5	15.4	14.0	14.2	16.4
Total output livest.&products	'000 €	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2
Other output	'000 €	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2
Total Inputs	'000 €	9.8	10.6	13.0	13.1	11.9	15.7	16.3	14.8	14.9	16.1
Total intermed. consumpt.	'000 €	6.2	6.1	7.6	7.7	7.0	9.1	9.7	9.2	9.2	9.8
Total specific costs	'000 €	3.1	3.1	3.8	3.6	3.5	4.6	4.8	4.6	4.4	4.7
- Seeds and plants	'000 €	1.0	1.1	1.3	1.3	1.2	1.8	1.8	1.6	1.6	1.6
- Fertilisers	'000 €	1.4	1.4	1.6	1.5	1.5	1.9	2.0	1.9	1.8	1.9
- Crop protection	'000 €	0.6	0.5	0.7	0.7	0.6	0.8	0.9	0.9	0.8	0.9
- Feed for grazing livestock	'000 €	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
- Feed for pigs&poultry	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	3.1	3.1	3.7	4.0	3.5	4.5	4.9	4.6	4.8	5.2
- Machin.&build. current costs	'000 €	0.6	0.6	0.7	0.7	0.6	0.9	0.8	0.7	0.7	0.7
- Energy	'000 €	1.0	1.0	1.2	1.3	1.2	1.5	1.5	1.5	1.8	2.0
- Contract work	'000 €	0.9	0.9	1.1	1.1	0.9	1.2	1.3	1.4	1.3	1.4
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	2.9	3.6	4.2	4.2	3.7	4.8	4.3	4.0	4.1	4.2
Total external factors	'000 €	0.7	0.8	1.3	1.3	1.2	1.8	2.3	1.6	1.7	2.0
Wages paid	'000 €	0.2	0.2	0.2	0.3	0.3	0.6	0.6	0.4	0.5	0.6
Rent paid	'000 €	0.5	0.5	0.8	0.9	0.8	1.1	1.6	1.1	1.2	1.3
Interest paid	'000 €	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Subsidies and taxes	'000 €	4.5	5.0	6.8	8.0	7.1	8.1	7.2	6.7	6.5	7.2
Balance current subsid.&taxes	'000 €	4.5	4.9	6.7	7.9	6.7	8.1	7.3	6.7	6.4	7.1
Balance subs.&taxes on invest	'000 €	0.0	0.1	0.1	0.0	0.5	0.0	-0.2	0.0	0.1	0.0
Income indicators											
Farm Net Value Added (FNVA)	'000 €	5.9	5.4	8.6	8.2	7.8	10.0	9.0	7.8	7.8	9.8
FNVA per AWU	'000 €/AWU	7.7	6.7	10.9	11.8	12.1	12.6	10.9	10.1	10.0	12.1
Farm Net Income (FNI)	'000 €	5.2	4.7	7.5	7.0	7.0	8.1	6.5	6.2	6.2	7.8
Cost for own resources	'000 €	13.2	15.1	16.5	15.0	13.8	18.8	18.3	17.6	18.1	18.8
Own labour costs	'000 €	10.5	12.5	12.7	11.3	10.8	15.3	14.7	13.9	14.3	14.6
Own land cost	'000 €	1.4	1.6	2.4	1.9	2.0	2.6	3.0	3.0	3.1	3.1
Own capital cost	'000 €	1.3	1.0	1.4	1.7	0.9	1.0	0.6	0.8	0.7	1.1
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-8.1	-10.4	-9.0	-8.0	-6.8	-10.7	-11.7	-11.5	-11.9	-11.0

Specialist cereal production farms

Lithuania		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								212	163	138
Farms represented	number								2 776	2 352	1 758
Economic size	ESU								12.1	11.8	15.0
Total labour input	AWU								1.56	1.51	1.67
Unpaid labour input	AWU								1.27	1.22	1.35
Total Utilised Agricult. Area	ha								92.9	92.2	111.2
Rented U.A.A.	ha								67.6	64.2	74.8
Total livestock units	LU								1.8	0.9	0.9
Total output	'000 €								30.4	26.6	27.0
Total output crops & products	'000 €								29.3	25.9	26.4
Total output livest.&products	'000 €								0.8	0.4	0.5
Other output	'000 €								0.3	0.3	0.2
Total Inputs	'000 €								23.7	25.5	31.7
Total intermed. consumpt.	'000 €								18.2	19.2	22.8
Total specific costs	'000 €								12.5	12.5	14.6
- Seeds and plants	'000 €								2.4	2.3	3.4
- Fertilisers	'000 €								5.5	6.5	7.5
- Crop protection	'000 €								2.9	3.0	3.1
- Feed for grazing livestock	'000 €								0.3	0.2	0.2
- Feed for pigs&poultry	'000 €								0.2	0.1	0.1
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								5.7	6.6	8.2
- Machin.&build. current costs	'000 €								1.1	1.2	1.5
- Energy	'000 €								3.5	3.9	4.9
- Contract work	'000 €								0.2	0.3	0.3
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								3.5	3.7	5.4
Total external factors	'000 €								2.0	2.6	3.6
Wages paid	'000 €								0.6	0.7	0.8
Rent paid	'000 €								1.0	1.5	1.8
Interest paid	'000 €								0.4	0.4	0.9
Subsidies and taxes	'000 €								11.1	12.7	34.3
Balance current subsid.&taxes	'000 €								8.5	9.9	19.4
Balance subs.&taxes on invest	'000 €								2.7	2.9	14.9
Income indicators											
Farm Net Value Added (FNVA)	'000 €								17.1	13.6	18.3
FNVA per AWU	'000 €/AWU								11.0	9.0	10.9
Farm Net Income (FNI)	'000 €								17.8	13.9	29.6
Cost for own resources	'000 €								4.9	4.1	4.5
Own labour costs	'000 €								3.6	4.2	4.8
Own land cost	'000 €								0.4	0.8	1.0
Own capital cost	'000 €								0.8	-0.8	-1.3
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								12.9	9.8	25.1

Specialist cereal production farms

Latvia		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								66	69	78
Farms represented	number								773	860	894
Economic size	ESU								17.1	15.0	17.5
Total labour input	AWU								1.95	1.71	1.81
Unpaid labour input	AWU								1.39	1.12	1.04
Total Utilised Agricult. Area	ha								136.4	126.4	135.2
Rented U.A.A.	ha								71.6	65.5	72.0
Total livestock units	LU								3.5	1.8	2.8
Total output	'000 €								34.5	26.2	35.1
Total output crops & products	'000 €								31.9	24.4	32.7
Total output livest.&products	'000 €								1.2	0.9	1.0
Other output	'000 €								1.4	0.9	1.4
Total Inputs	'000 €								35.7	32.6	42.5
Total intermed. consumpt.	'000 €								27.4	24.0	31.2
Total specific costs	'000 €								15.0	12.7	17.8
- Seeds and plants	'000 €								2.9	2.7	4.1
- Fertilisers	'000 €								6.0	6.1	8.2
- Crop protection	'000 €								3.1	2.2	3.4
- Feed for grazing livestock	'000 €								0.7	0.7	0.6
- Feed for pigs&poultry	'000 €								1.0	0.3	0.4
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								12.4	11.3	13.4
- Machin.&build. current costs	'000 €								2.0	2.4	2.8
- Energy	'000 €								6.8	7.0	7.8
- Contract work	'000 €								1.2	0.9	1.2
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								5.4	5.8	6.9
Total external factors	'000 €								2.9	2.9	4.4
Wages paid	'000 €								1.2	1.1	2.0
Rent paid	'000 €								0.6	0.7	0.7
Interest paid	'000 €								1.1	1.1	1.7
Subsidies and taxes	'000 €								16.4	18.3	21.4
Balance current subsid.&taxes	'000 €								13.0	14.5	20.6
Balance subs.&taxes on invest	'000 €								3.5	3.9	0.8
Income indicators											
Farm Net Value Added (FNVA)	'000 €								14.6	10.9	17.7
FNVA per AWU	'000 €/AWU								7.5	6.4	9.7
Farm Net Income (FNI)	'000 €								15.2	11.9	14.1
Cost for own resources	'000 €								3.9	2.1	2.2
Own labour costs	'000 €								3.9	3.6	3.9
Own land cost	'000 €								0.5	0.7	0.7
Own capital cost	'000 €								-0.5	-2.2	-2.5
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								11.3	9.8	11.9

Specialist cereal production farms

Austria		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	16		20		17	23	22	20	20	22
Farms represented	number	768		827		704	882	877	791	639	752
Economic size	ESU	20.8		20.9		19.0	19.4	19.8	20.4	21.0	23.8
Total labour input	AWU	0.94		0.79		0.86	1.01	1.00	0.88	0.86	0.93
Unpaid labour input	AWU	0.94		0.77		0.84	0.96	0.94	0.86	0.81	0.83
Total Utilised Agricult. Area	ha	41.9		47.0		43.2	45.1	50.1	50.1	46.9	53.1
Rented U.A.A.	ha	21.6		22.6		18.0	22.3	19.4	21.6	19.5	25.5
Total livestock units	LU	0.9		1.5		2.1	1.2	1.1	0.3	1.8	0.1
Total output	'000 €	24.4		25.6		28.4	35.7	37.4	33.8	34.2	36.5
Total output crops & products	'000 €	21.2		22.8		25.5	31.7	32.3	30.4	31.5	32.7
Total output livest.&products	'000 €	0.2		0.2		-0.1	0.6	0.8	0.2	0.2	0.0
Other output	'000 €	3.1		2.6		3.0	3.5	4.2	3.3	2.6	3.7
Total Inputs	'000 €	33.6		32.8		37.4	41.8	43.0	38.2	46.1	46.3
Total intermed. consumpt.	'000 €	19.5		18.8		22.3	25.3	24.5	21.1	28.0	27.4
Total specific costs	'000 €	8.5		7.5		9.2	9.3	8.5	8.2	10.2	9.4
- Seeds and plants	'000 €	3.3		2.6		3.5	3.8	4.0	3.8	4.2	4.2
- Fertilisers	'000 €	3.4		2.6		2.7	3.4	3.0	2.6	3.8	3.4
- Crop protection	'000 €	1.6		1.7		2.0	1.8	1.1	1.5	1.9	1.7
- Feed for grazing livestock	'000 €	0.0		0.1		0.0	0.1	0.1	0.0	0.2	0.0
- Feed for pigs&poultry	'000 €	0.1		0.3		0.7	0.0	0.0	0.1	0.0	0.0
- Other specific costs	'000 €	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	11.0		11.3		13.1	15.9	16.0	13.0	17.8	17.9
- Machin.&build. current costs	'000 €	4.1		4.4		4.5	4.7	4.1	4.0	4.1	5.6
- Energy	'000 €	2.2		1.9		2.7	2.6	2.8	2.9	3.9	3.9
- Contract work	'000 €	3.2		3.3		3.4	5.3	4.5	3.2	5.2	4.3
- Other farming overheads	'000 €	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	9.7		8.4		10.6	10.7	12.6	10.3	11.3	11.2
Total external factors	'000 €	4.4		5.5		4.5	5.8	5.9	6.7	6.8	7.8
Wages paid	'000 €			0.4		0.3	0.7	0.8	0.3	0.6	1.1
Rent paid	'000 €	3.5		3.8		2.8	3.8	3.5	4.9	5.1	5.2
Interest paid	'000 €	0.9		1.4		1.5	1.3	1.6	1.6	1.1	1.4
Subsidies and taxes	'000 €	23.7		24.7		25.8	25.8	30.6	28.6	25.5	33.1
Balance current subsid.&taxes	'000 €	25.9		24.9		27.3	27.2	31.0	29.2	27.3	33.7
Balance subs.&taxes on invest	'000 €	-2.2		-0.2		-1.5	-1.4	-0.4	-0.6	-1.8	-0.6
Income indicators											
Farm Net Value Added (FNVA)	'000 €	21.1		23.3		22.9	27.0	31.2	31.5	22.2	31.6
FNVA per AWU	'000 €/AWU	22.5		29.4		26.5	26.6	31.3	35.8	25.9	34.1
Farm Net Income (FNI)	'000 €	14.4		17.5		16.9	19.8	24.9	24.2	13.7	23.3
Cost for own resources	'000 €	20.6		18.1		19.3	20.5	22.8	20.2	21.4	20.5
Own labour costs	'000 €	9.4		8.4		9.9	11.4	11.7	11.0	11.2	11.3
Own land cost	'000 €	4.4		4.5		4.9	4.5	6.6	6.0	7.7	6.3
Own capital cost	'000 €	6.8		5.1		4.5	4.6	4.5	3.2	2.5	2.9
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-6.1		-0.6		-2.5	-0.8	2.1	4.0	-7.7	2.8

Specialist cereal production farms

Poland		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								437	406	452
Farms represented	number								25 869	21 260	27 879
Economic size	ESU								10.7	12.2	9.5
Total labour input	AWU								1.26	1.41	1.36
Unpaid labour input	AWU								1.14	1.18	1.18
Total Utilised Agricult. Area	ha								42.7	49.9	39.2
Rented U.A.A.	ha								17.4	23.3	15.7
Total livestock units	LU								1.6	1.2	1.4
Total output	'000 €								21.0	22.4	19.2
Total output crops & products	'000 €								20.3	21.6	18.4
Total output livest.&products	'000 €								0.6	0.4	0.6
Other output	'000 €								0.1	0.4	0.2
Total Inputs	'000 €								17.0	24.0	19.0
Total intermed. consumpt.	'000 €								12.3	17.0	13.2
Total specific costs	'000 €								7.9	10.7	8.0
- Seeds and plants	'000 €								1.6	1.9	1.5
- Fertilisers	'000 €								4.2	5.5	4.1
- Crop protection	'000 €								1.7	2.8	1.8
- Feed for grazing livestock	'000 €								0.1	0.1	0.1
- Feed for pigs&poultry	'000 €								0.3	0.3	0.4
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								4.3	6.3	5.2
- Machin.&build. current costs	'000 €								1.0	1.5	1.2
- Energy	'000 €								2.2	3.4	2.7
- Contract work	'000 €								0.8	0.8	0.6
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								3.5	4.5	4.0
Total external factors	'000 €								1.2	2.5	1.8
Wages paid	'000 €								0.3	1.3	1.0
Rent paid	'000 €								0.5	0.7	0.4
Interest paid	'000 €								0.4	0.5	0.4
Subsidies and taxes	'000 €								5.2	8.1	9.1
Balance current subsid.&taxes	'000 €								5.3	8.5	9.2
Balance subs.&taxes on invest	'000 €								-0.1	-0.4	0.0
Income indicators											
Farm Net Value Added (FNVA)	'000 €								10.5	9.4	11.2
FNVA per AWU	'000 €/AWU								8.3	6.6	8.2
Farm Net Income (FNI)	'000 €								9.2	6.5	9.3
Cost for own resources	'000 €								5.7	6.9	7.6
Own labour costs	'000 €								3.2	4.2	4.6
Own land cost	'000 €								1.0	1.0	0.8
Own capital cost	'000 €								1.5	1.6	2.1
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								3.5	-0.4	1.7

Specialist cereal production farms

Portugal		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	37	49	41	29	33	29	21	31	20	30
Farms represented	number	4 505	5 106	2 127	1 120	2 326	1 575	1 027	1 906	950	2 028
Economic size	ESU	10.2	17.9	18.9	26.4	15.1	13.7	19.4	9.3	9.1	9.7
Total labour input	AWU	1.63	1.25	1.18	1.18	1.10	0.90	1.16	0.99	1.02	1.04
Unpaid labour input	AWU	0.83	0.74	0.96	0.98	1.00	0.85	0.97	0.98	1.02	0.99
Total Utilised Agricult. Area	ha	20.2	37.0	57.5	63.0	37.3	25.3	57.5	40.5	39.6	47.2
Rented U.A.A.	ha	3.7	5.3	21.1	17.3	14.1	13.6	7.0	26.5	12.5	15.9
Total livestock units	LU	0.6	4.9	2.3	2.3	5.8	0.2	6.7	0.8	0.5	0.3
Total output	'000 €	8.4	14.1	14.0	18.5	15.4	16.8	19.1	9.4	12.7	14.0
Total output crops & products	'000 €	8.2	12.5	13.2	17.7	14.0	16.2	17.7	9.3	11.9	13.3
Total output livest.&products	'000 €	0.0	1.4	0.3	0.1	1.2	0.1	1.1	0.1	0.2	0.1
Other output	'000 €	0.2	0.2	0.4	0.7	0.2	0.5	0.4	0.1	0.6	0.6
Total Inputs	'000 €	15.3	21.6	20.1	25.7	21.0	19.6	28.5	15.1	14.2	11.3
Total intermed. consumpt.	'000 €	8.3	11.7	13.1	16.3	14.1	13.1	18.3	8.7	11.0	8.5
Total specific costs	'000 €	4.4	6.5	6.8	7.7	7.8	6.4	10.2	5.0	5.4	4.2
- Seeds and plants	'000 €	1.4	1.8	2.2	2.8	2.1	2.1	3.8	1.6	2.3	1.3
- Fertilisers	'000 €	2.0	2.7	2.7	3.3	3.1	2.7	3.9	2.1	2.1	2.1
- Crop protection	'000 €	0.6	0.8	0.9	0.9	1.0	1.1	1.2	1.0	0.7	0.8
- Feed for grazing livestock	'000 €	0.1	0.5	0.3	0.2	0.7		0.2	0.1	0.0	0.0
- Feed for pigs&poultry	'000 €	0.0	0.1				0.2			0.0	0.0
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	3.9	5.3	6.3	8.6	6.3	6.6	8.2	3.8	5.7	4.2
- Machin.&build. current costs	'000 €	1.0	1.1	2.1	1.8	1.4	1.0	1.7	0.5	1.0	0.7
- Energy	'000 €	1.4	1.9	1.8	2.8	2.0	1.8	3.1	1.3	1.3	1.7
- Contract work	'000 €	0.7	1.2	1.2	2.1	1.5	2.5	1.5	1.4	2.8	0.9
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	2.7	5.2	4.2	6.1	4.4	4.7	7.2	2.7	2.5	1.8
Total external factors	'000 €	4.3	4.6	2.9	3.3	2.6	1.8	3.0	3.6	0.7	1.0
Wages paid	'000 €	3.8	3.1	1.6	1.4	0.9	0.3	1.6	0.2		0.3
Rent paid	'000 €	0.2	0.2	0.6	1.4	1.2	1.0	1.0	1.0	0.6	0.6
Interest paid	'000 €	0.3	1.3	0.7	0.5	0.5	0.5	0.3	2.4	0.1	0.0
Subsidies and taxes	'000 €	5.7	10.0	12.6	17.6	10.0	8.1	15.4	8.4	8.1	8.4
Balance current subsid.&taxes	'000 €	5.5	8.3	12.6	17.3	10.0	7.7	15.3	8.1	8.1	8.3
Balance subs.&taxes on invest	'000 €	0.2	1.7	0.0	0.3	-0.1	0.5	0.2	0.3		0.1
Income indicators											
Farm Net Value Added (FNVA)	'000 €	2.9	5.4	9.3	13.3	7.0	6.6	8.9	6.1	7.3	12.0
FNVA per AWU	'000 €/AWU	1.8	4.3	7.9	11.3	6.4	7.4	7.7	6.1	7.1	11.6
Farm Net Income (FNI)	'000 €	-1.3	2.5	6.5	10.4	4.4	5.3	6.1	2.8	6.6	11.1
Cost for own resources	'000 €	6.2	6.7	8.4	11.3	9.4	8.8	12.0	10.7	14.5	10.9
Own labour costs	'000 €	4.3	4.4	6.6	7.4	7.8	6.9	8.3	9.0	7.9	7.7
Own land cost	'000 €	0.7	1.4	1.0	2.7	1.0	1.4	3.0	1.3	6.4	3.1
Own capital cost	'000 €	1.2	0.8	0.8	1.2	0.6	0.5	0.7	0.4	0.1	0.2
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-7.4	-4.2	-1.9	-1.0	-5.1	-3.6	-5.9	-7.9	-7.9	0.1

Specialist cereal production farms

Finland		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	88	85	66	88	86	97	98	103	99	102
Farms represented	number	6 324	6 257	5 475	6 702	6 786	8 142	8 199	9 014	7 559	7 680
Economic size	ESU	18.9	20.6	19.7	19.1	19.4	19.3	18.6	19.8	19.7	19.0
Total labour input	AWU	0.84	0.87	0.80	0.74	0.77	0.77	0.68	0.63	0.61	0.54
Unpaid labour input	AWU	0.80	0.82	0.76	0.70	0.73	0.72	0.63	0.58	0.59	0.52
Total Utilised Agricult. Area	ha	46.8	50.1	59.9	53.7	56.3	55.8	53.8	53.6	54.4	53.0
Rented U.A.A.	ha	8.6	13.5	17.5	15.0	16.4	16.0	16.6	16.1	14.6	13.1
Total livestock units	LU	0.9	1.9	0.4	0.5	0.8	0.5	0.1	0.2	0.1	0.1
Total output	'000 €	22.2	18.4	20.5	24.0	21.2	21.1	18.3	17.7	16.2	19.5
Total output crops & products	'000 €	21.0	17.3	19.4	22.7	19.9	19.4	17.2	16.3	15.4	18.4
Total output livest.&products	'000 €	0.1	0.3	0.1	0.0	0.0	0.2	0.0	0.1	-0.1	0.0
Other output	'000 €	1.1	0.9	1.0	1.3	1.2	1.6	1.1	1.4	0.8	1.1
Total Inputs	'000 €	33.3	37.5	43.4	39.1	41.1	41.8	41.2	43.0	42.6	41.1
Total intermed. consumpt.	'000 €	22.5	22.9	26.0	23.9	24.9	24.5	23.1	24.6	25.1	24.6
Total specific costs	'000 €	8.8	9.0	10.0	8.6	9.1	8.9	8.2	9.0	8.8	8.7
- Seeds and plants	'000 €	2.0	2.0	2.3	2.0	1.9	2.2	1.9	2.1	1.7	1.8
- Fertilisers	'000 €	4.8	5.0	5.4	4.8	5.1	4.6	4.4	4.5	4.8	4.8
- Crop protection	'000 €	1.4	1.4	1.8	1.5	1.7	1.7	1.7	2.0	2.0	1.8
- Feed for grazing livestock	'000 €	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
- Feed for pigs&poultry	'000 €	0.3	0.1	0.2	0.1	0.1	0.0				0.0
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	13.8	13.9	16.0	15.3	15.8	15.6	14.8	15.6	16.3	15.9
- Machin.&build. current costs	'000 €	4.3	4.0	5.3	4.7	5.3	5.2	5.0	4.8	5.1	4.7
- Energy	'000 €	2.9	3.0	2.9	3.7	3.9	3.3	3.2	3.9	4.3	4.4
- Contract work	'000 €	0.2	1.6	1.8	1.3	1.3	1.4	1.3	1.4	1.5	1.4
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	7.1	9.9	12.0	10.5	11.1	12.3	12.9	13.6	12.5	11.9
Total external factors	'000 €	3.7	4.7	5.4	4.7	5.2	5.0	5.3	4.9	4.9	4.6
Wages paid	'000 €	0.6	0.7	0.7	0.5	0.7	0.6	0.9	0.7	0.3	0.5
Rent paid	'000 €	1.4	2.1	3.0	2.5	2.7	2.7	2.7	2.5	2.6	2.3
Interest paid	'000 €	1.6	1.9	1.7	1.8	1.8	1.7	1.6	1.6	2.1	1.9
Subsidies and taxes	'000 €	23.0	24.7	30.1	29.9	32.1	32.6	30.9	31.5	32.1	27.2
Balance current subsid.&taxes	'000 €	23.0	24.7	30.1	29.9	32.1	32.6	30.9	31.3	31.8	27.1
Balance subs.&taxes on invest	'000 €							0.0	0.2	0.2	0.1
Income indicators											
Farm Net Value Added (FNVA)	'000 €	15.5	10.4	12.6	19.6	17.4	17.0	13.2	10.9	10.4	10.1
FNVA per AWU	'000 €/AWU	18.5	11.9	15.8	26.5	22.6	22.2	19.4	17.4	17.1	18.5
Farm Net Income (FNI)	'000 €	11.9	5.7	7.2	14.9	12.2	11.9	8.0	6.2	5.7	5.6
Cost for own resources	'000 €	21.0	20.6	21.3	19.5	19.5	21.8	21.5	20.1	20.7	19.9
Own labour costs	'000 €	12.2	12.8	10.9	10.8	11.5	11.9	11.1	10.7	10.9	10.0
Own land cost	'000 €	6.9	6.7	7.3	6.6	6.4	6.9	6.7	6.5	7.2	7.8
Own capital cost	'000 €	1.9	1.1	3.1	2.1	1.7	3.0	3.7	3.0	2.5	2.1
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-9.1	-14.9	-14.0	-4.6	-7.3	-9.9	-13.6	-13.9	-14.9	-14.3

Specialist cereal production farms

Sweden		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	80	88	54	78	73	50	51	42	33	31
Farms represented	number	5 105	5 025	4 362	4 685	4 325	3 287	3 212	2 383	1 868	1 703
Economic size	ESU	30.8	31.7	23.1	27.3	27.1	33.0	26.1	25.0	33.7	36.3
Total labour input	AWU	0.74	0.88	0.60	0.58	0.59	0.70	0.60	0.54	0.75	0.67
Unpaid labour input	AWU	0.67	0.76	0.60	0.52	0.55	0.66	0.60	0.52	0.74	0.67
Total Utilised Agricult. Area	ha	84.5	85.6	66.6	69.8	67.8	91.6	71.9	74.0	95.9	101.3
Rented U.A.A.	ha	39.4	38.0	23.2	25.2	25.3	46.4	31.9	31.9	49.7	49.1
Total livestock units	LU	3.5	4.3	1.9	2.5	2.5	2.4	1.6	1.9	0.7	1.1
Total output	'000 €	38.5	32.1	23.8	29.0	28.1	39.2	31.9	26.4	45.1	44.1
Total output crops & products	'000 €	33.9	27.9	20.6	24.5	23.9	34.5	27.2	23.1	38.3	39.8
Total output livest.&products	'000 €	0.6	0.8	0.4	0.4	0.4	0.5	0.1	0.0	0.3	-0.1
Other output	'000 €	4.0	3.4	2.8	4.1	3.7	4.3	4.5	3.4	6.5	4.3
Total Inputs	'000 €	55.5	62.6	42.3	54.9	51.7	70.2	50.5	47.3	64.2	67.5
Total intermed. consumpt.	'000 €	30.7	32.5	24.5	29.1	28.9	39.5	29.6	28.6	40.0	43.6
Total specific costs	'000 €	15.5	15.6	11.3	11.8	12.3	20.3	14.1	12.5	18.0	21.4
- Seeds and plants	'000 €	3.1	3.0	2.9	3.0	2.9	3.6	3.2	2.9	4.2	4.3
- Fertilisers	'000 €	7.4	7.5	5.2	5.7	6.1	11.4	6.9	6.1	9.8	10.9
- Crop protection	'000 €	2.1	2.7	1.8	2.1	2.0	3.5	2.8	1.9	2.9	3.7
- Feed for grazing livestock	'000 €	1.3	0.9	0.7	0.4	0.7	0.2	0.3	0.5	0.5	0.2
- Feed for pigs&poultry	'000 €	0.0	0.7	0.2	0.2	0.0	0.1	0.2	0.2		0.2
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	15.3	16.9	13.2	17.3	16.6	19.2	15.5	16.1	22.0	22.2
- Machin.&build. current costs	'000 €	5.9	5.8	5.5	6.0	6.2	5.1	4.5	4.6	5.5	5.8
- Energy	'000 €	5.4	5.9	4.4	6.1	5.5	7.2	5.2	5.0	9.2	8.4
- Contract work	'000 €	2.0	2.3	1.5	2.7	2.4	4.5	3.3	3.4	3.3	4.7
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	14.8	17.8	11.4	16.2	14.3	16.6	12.1	12.1	14.2	13.9
Total external factors	'000 €	10.0	12.3	6.3	9.6	8.5	14.1	8.8	6.6	10.0	10.0
Wages paid	'000 €	1.9	3.9	0.5	2.0	1.2	1.2	0.0	0.5	0.2	0.2
Rent paid	'000 €	4.2	3.8	2.7	3.6	3.1	8.2	5.5	3.2	6.9	6.4
Interest paid	'000 €	3.9	4.6	3.1	4.0	4.2	4.7	3.2	2.9	2.9	3.4
Subsidies and taxes	'000 €	21.0	20.6	15.4	19.0	19.4	24.6	20.2	20.4	23.5	24.3
Balance current subsid.&taxes	'000 €	21.0	20.6	15.4	19.0	19.4	24.6	20.2	20.4	23.5	24.3
Balance subs.&taxes on invest	'000 €										
Income indicators											
Farm Net Value Added (FNVA)	'000 €	14.0	2.4	3.3	2.7	4.3	7.7	10.4	6.1	14.5	10.8
FNVA per AWU	'000 €/AWU	19.0	2.8	5.5	4.6	7.4	10.9	17.3	11.4	19.3	16.1
Farm Net Income (FNI)	'000 €	4.0	-9.9	-3.0	-6.9	-4.1	-6.4	1.6	-0.5	4.5	0.9
Cost for own resources	'000 €	32.4	37.5	42.7	29.0	25.0	32.2	26.1	28.6	32.7	30.5
Own labour costs	'000 €	20.8	25.3	18.6	14.6	14.1	18.6	16.1	16.0	22.2	20.0
Own land cost	'000 €	5.2	5.8	20.1	9.1	7.4	8.4	6.8	7.9	7.1	8.0
Own capital cost	'000 €	6.5	6.3	4.1	5.3	3.6	5.2	3.2	4.8	3.4	2.4
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-28.4	-47.3	-45.8	-35.9	-29.2	-38.6	-24.5	-29.1	-28.2	-29.6

Specialist cereal production farms

Slovakia		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number								60	51	38
Farms represented	number								506	411	303
Economic size	ESU								32.4	36.9	52.2
Total labour input	AWU								2.45	3.17	3.33
Unpaid labour input	AWU								1.41	1.69	1.61
Total Utilised Agricult. Area	ha								126.6	152.0	201.8
Rented U.A.A.	ha								116.4	139.9	188.2
Total livestock units	LU								2.6	2.7	1.9
Total output	'000 €								58.5	64.9	115.8
Total output crops & products	'000 €								56.0	61.1	107.0
Total output livest.&products	'000 €								0.9	0.6	0.6
Other output	'000 €								1.6	3.3	8.1
Total Inputs	'000 €								55.7	80.9	152.0
Total intermed. consumpt.	'000 €								42.2	62.1	106.9
Total specific costs	'000 €								21.8	30.3	46.3
- Seeds and plants	'000 €								6.9	9.1	13.9
- Fertilisers	'000 €								6.3	8.7	18.5
- Crop protection	'000 €								6.0	7.4	11.1
- Feed for grazing livestock	'000 €								0.5	0.2	0.4
- Feed for pigs&poultry	'000 €								0.5	0.4	0.6
- Other specific costs	'000 €								0.0	0.0	0.0
Total farming overheads	'000 €								20.4	31.7	60.6
- Machin.&build. current costs	'000 €								3.0	5.0	11.2
- Energy	'000 €								7.1	9.3	15.6
- Contract work	'000 €								4.2	9.4	11.6
- Other farming overheads	'000 €								0.0	0.0	0.0
Depreciation	'000 €								5.1	6.8	22.5
Total external factors	'000 €								8.4	12.1	22.6
Wages paid	'000 €								3.4	5.3	8.6
Rent paid	'000 €								4.8	6.0	11.1
Interest paid	'000 €								0.2	0.8	2.9
Subsidies and taxes	'000 €								13.3	19.5	28.6
Balance current subsid.&taxes	'000 €								12.5	19.5	22.7
Balance subs.&taxes on invest	'000 €								0.8		5.9
Income indicators											
Farm Net Value Added (FNVA)	'000 €								23.7	15.5	9.2
FNVA per AWU	'000 €/AWU								9.7	4.9	2.7
Farm Net Income (FNI)	'000 €								16.1	3.5	-7.6
Cost for own resources	'000 €								6.2	9.8	11.8
Own labour costs	'000 €								5.8	8.1	8.6
Own land cost	'000 €								0.7	0.8	0.9
Own capital cost	'000 €								-0.3	1.0	2.3
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €								9.9	-6.3	-19.5

Specialist cereal production farms

United Kingdom		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sample farms	number	144	131	122	170	126	113	167	145	86	121
Farms represented	number	5 281	4 621	4 087	6 390	5 742	5 486	6 643	6 827	4 652	6 054
Economic size	ESU	108.2	114.3	151.6	135.4	125.6	108.0	105.6	121.5	90.1	115.4
Total labour input	AWU	1.71	1.68	1.90	1.72	1.60	1.36	1.40	1.44	1.15	1.48
Unpaid labour input	AWU	1.02	0.96	0.92	0.97	0.95	0.85	0.95	0.90	0.81	0.86
Total Utilised Agricult. Area	ha	144.8	154.7	196.2	176.6	169.9	148.4	150.3	170.7	141.9	171.3
Rented U.A.A.	ha	42.8	42.7	51.2	58.9	45.9	38.0	46.4	48.9	34.7	49.9
Total livestock units	LU	9.9	12.1	12.2	14.0	10.0	6.7	7.9	7.5	3.8	6.6
Total output	'000 €	121.7	119.1	165.1	134.8	114.3	103.9	111.3	118.2	88.6	145.5
Total output crops & products	'000 €	109.0	106.5	146.6	123.9	106.1	96.8	104.8	111.1	82.4	134.1
Total output livest.&products	'000 €	3.4	3.5	4.7	5.3	3.0	2.5	2.6	2.1	1.3	2.5
Other output	'000 €	9.3	9.1	13.8	5.7	5.2	4.6	3.8	5.0	4.9	8.9
Total Inputs	'000 €	146.4	149.5	195.3	179.1	160.2	134.9	134.9	162.8	126.9	166.0
Total intermed. consumpt.	'000 €	89.7	91.1	114.7	106.0	97.0	85.6	84.3	106.7	85.9	109.2
Total specific costs	'000 €	51.4	50.5	63.7	57.8	51.9	47.0	42.4	55.1	42.6	53.7
- Seeds and plants	'000 €	9.2	9.1	11.6	9.4	8.4	7.5	6.4	8.5	6.7	8.1
- Fertilisers	'000 €	17.6	15.5	17.9	16.8	17.4	15.2	13.8	18.5	14.8	19.6
- Crop protection	'000 €	19.8	21.1	28.2	24.8	21.3	19.5	17.5	23.5	17.8	20.8
- Feed for grazing livestock	'000 €	1.3	1.2	1.3	1.7	1.0	1.1	1.3	1.1	0.6	1.2
- Feed for pigs&poultry	'000 €	0.1	0.2	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0
- Other specific costs	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total farming overheads	'000 €	38.4	40.6	51.1	48.2	45.1	38.5	41.9	51.7	43.3	55.5
- Machin.&build. current costs	'000 €	13.1	12.6	18.3	17.0	15.6	12.7	14.0	15.8	11.7	15.6
- Energy	'000 €	6.0	5.9	8.0	9.9	8.9	7.2	6.5	9.0	7.3	11.8
- Contract work	'000 €	7.8	8.8	8.6	10.0	9.7	9.3	8.9	11.2	11.3	12.1
- Other farming overheads	'000 €	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Depreciation	'000 €	26.9	26.7	36.7	30.8	27.9	22.9	24.1	24.5	19.1	23.6
Total external factors	'000 €	29.8	31.7	43.8	42.3	35.3	26.4	26.5	31.6	21.9	33.3
Wages paid	'000 €	14.6	16.2	24.4	19.5	18.3	13.7	11.7	15.3	9.1	18.1
Rent paid	'000 €	9.8	9.8	12.3	14.2	11.1	7.8	9.8	11.2	6.5	10.5
Interest paid	'000 €	5.4	5.7	7.1	8.6	5.9	4.9	5.0	5.0	6.3	4.7
Subsidies and taxes	'000 €	54.0	54.2	78.1	66.5	60.8	52.9	52.0	57.6	43.1	55.9
Balance current subsid.&taxes	'000 €	53.9	54.2	78.0	66.5	60.5	52.9	51.5	57.5	42.8	55.9
Balance subs.&taxes on invest	'000 €	0.1	0.0	0.1	0.1	0.3	0.0	0.4	0.1	0.2	0.0
Income indicators											
Farm Net Value Added (FNVA)	'000 €	59.1	55.6	91.6	64.5	49.9	48.4	54.4	44.5	26.5	68.5
FNVA per AWU	'000 €/AWU	34.6	33.0	48.2	37.4	31.2	35.5	38.9	30.9	23.0	46.2
Farm Net Income (FNI)	'000 €	29.4	23.9	47.9	22.3	15.0	21.9	28.3	13.0	4.8	35.3
Cost for own resources	'000 €	51.6	55.0	67.2	62.2	61.0	51.4	49.5	56.8	47.7	53.6
Own labour costs	'000 €	20.0	18.9	20.2	23.2	24.0	21.2	22.5	22.8	20.6	23.0
Own land cost	'000 €	24.7	30.9	40.0	30.5	31.6	27.3	24.5	30.0	23.7	27.1
Own capital cost	'000 €	6.9	5.2	7.0	8.6	5.3	2.9	2.5	3.9	3.4	3.5
Indicator of income without the cost of own resources											
FNI excl. own costs	'000 €	-22.2	-31.2	-19.3	-39.9	-46.0	-29.4	-21.2	-43.8	-42.9	-18.3