

Finnish Agriculture and Rural Industries 2014

MTT Economic Research

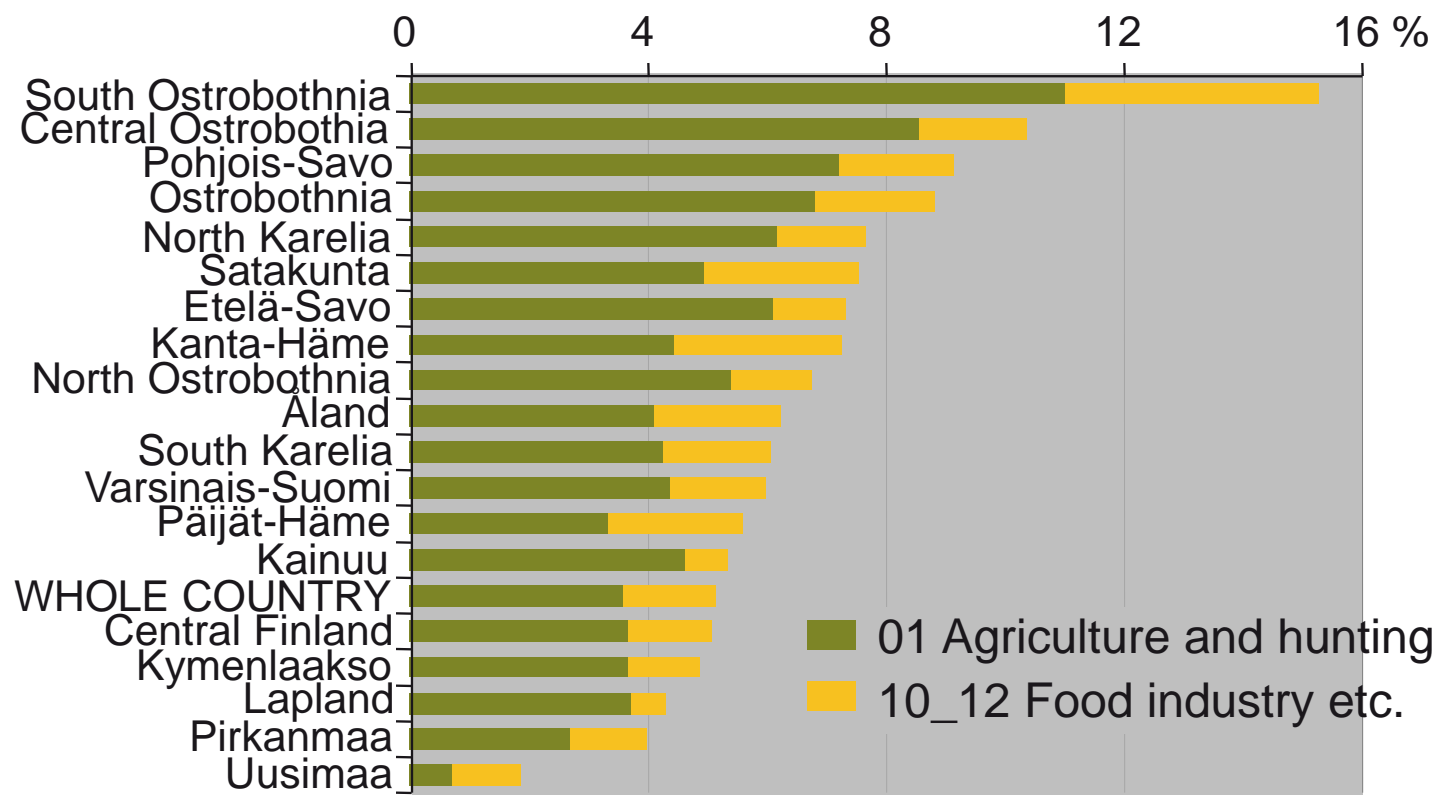
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Employed of agriculture and food industry (%) in different regions in 2011

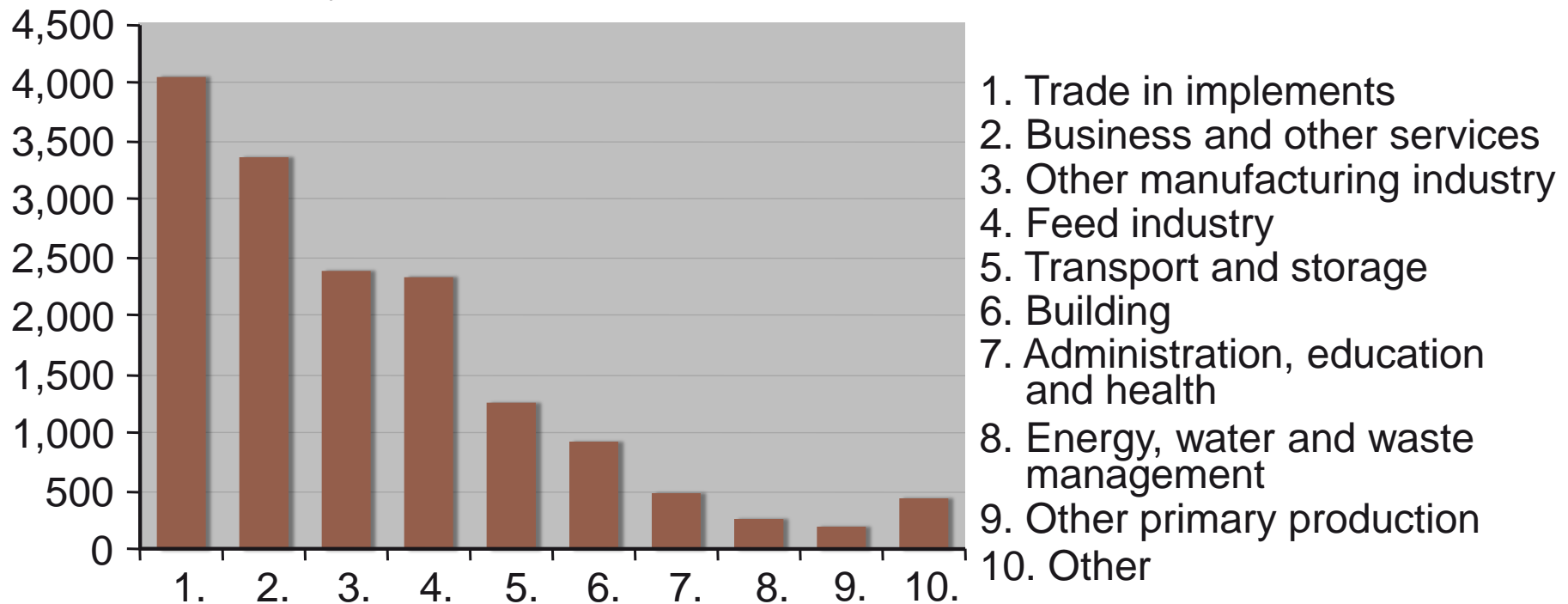


Source: Regional accounting, Statistics Finland

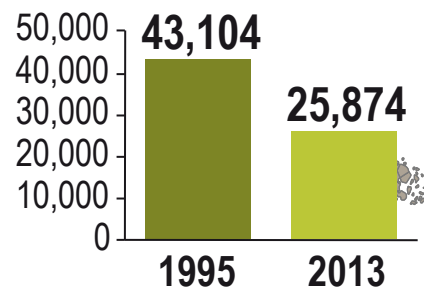
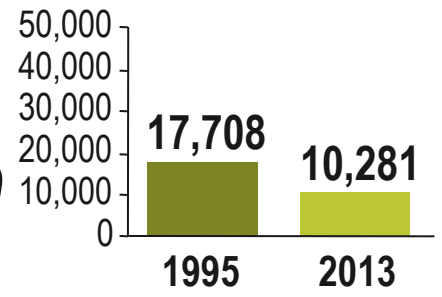
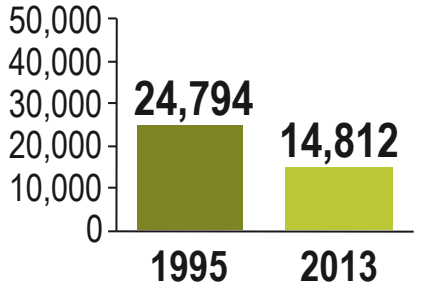
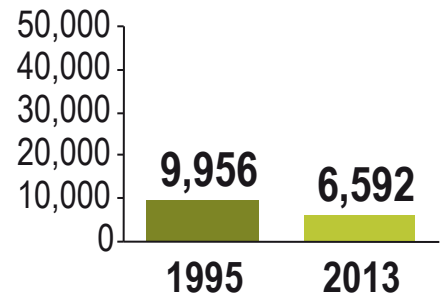
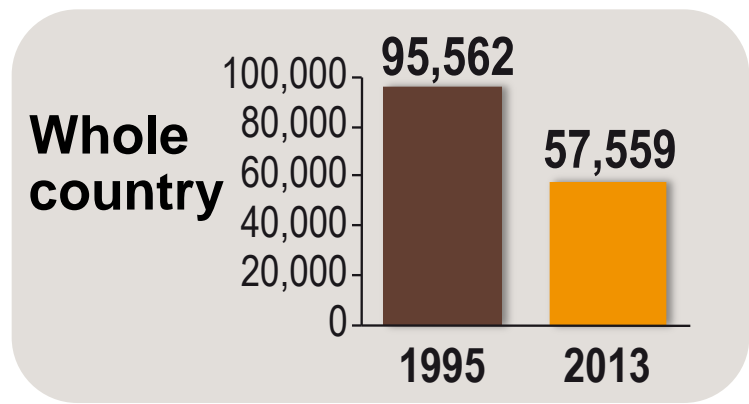
Employment effect of the use of intermediate products in agriculture by sectors in 2011 (number of employed persons)



Number of employed persons



Number of farms receiving agricultural support in 1995 and 2013



Main regions of Uusimaa and Åland according to NUTS II have been included in Southern Finland.
Source: Finnish Agency for Rural Affairs.

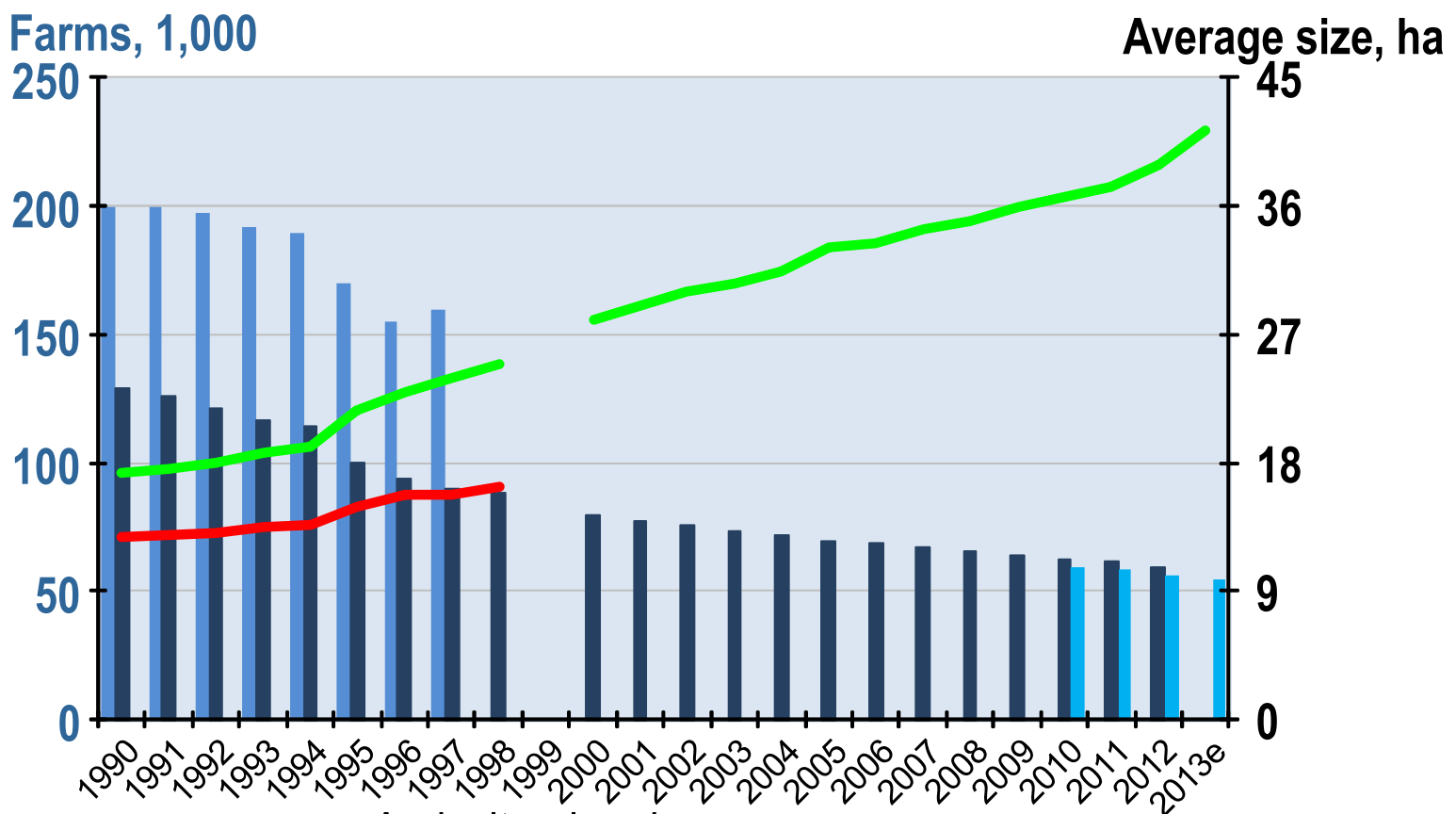
Number of farms receiving agricultural support in 1995–2013

	Whole country	Southern Finland ¹⁾	Eastern Finland	Central Finland	Northern Finland
2013	57,559	25,874	10,281	14,812	6,592
2012	58,898	26,517	10,479	15,172	6,730
2011	61,153	27,578	10,808	15,771	6,696
2010	62,450	28,098	11,033	16,177	7,142
2009	63,716	28,694	11,218	16,650	7,154
2008	65,292	28,368	11,501	17,119	7,304
2007	66,821	29,945	11,812	17,574	7,490
2006	68,766	30,967	12,173	17,947	7,679
2005	69,088	31,272	12,121	17,986	7,709
2004	71,100	32,245	12,498	18,458	7,899
2003	72,000	32,771	12,630	18,656	7,943
2002	73,386	33,375	12,935	19,023	8,053
2001	75,384	34,192	13,219	19,443	8,530
2000	77,896	35,319	13,675	20,019	8,883
1999	82,142	37,037	14,658	21,108	9,339
1998	85,690	38,623	15,446	22,072	9,549
1997	88,370	39,998	16,067	22,914	9,391
1996	91,281	41,351	16,652	23,694	9,584
1995	95,562	43,104	17,708	24,794	9,956

1) Main regions of Uusimaa and Åland according to NUTS II have been included in Southern Finland.

Source: Finnish Agency for Rural Affairs

Number of farms and average size (ha)



■ Farms
 ■ Active farms
 ■ Agricultural and horticultural enterprises
 — Farms, ha
 — Active farms, ha

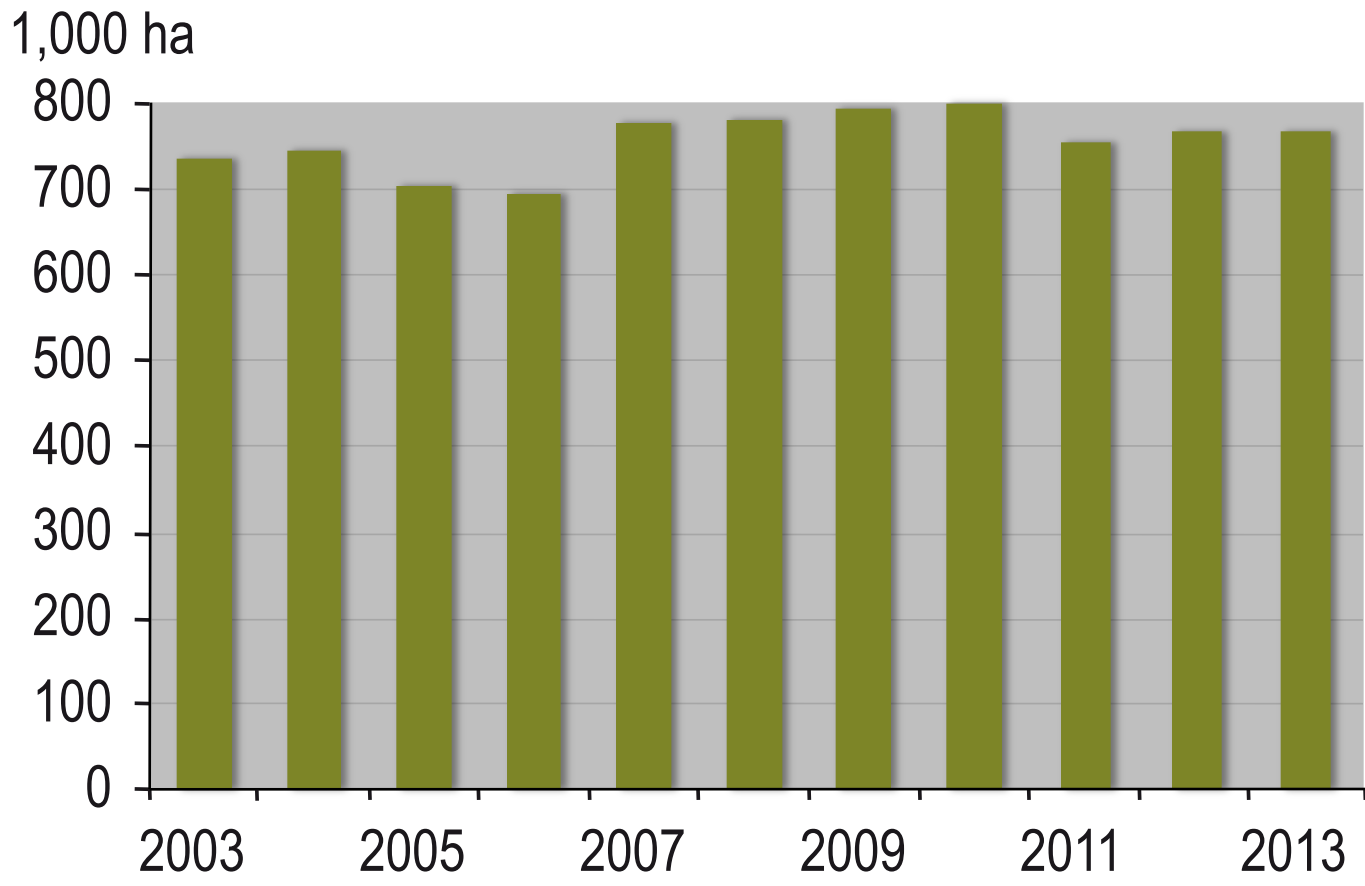
1990: 129,000 farms, average 17 ha

2013: 54,400 farms, average 41 ha

Source: Information Centre of the Ministry of Agriculture and Forestry



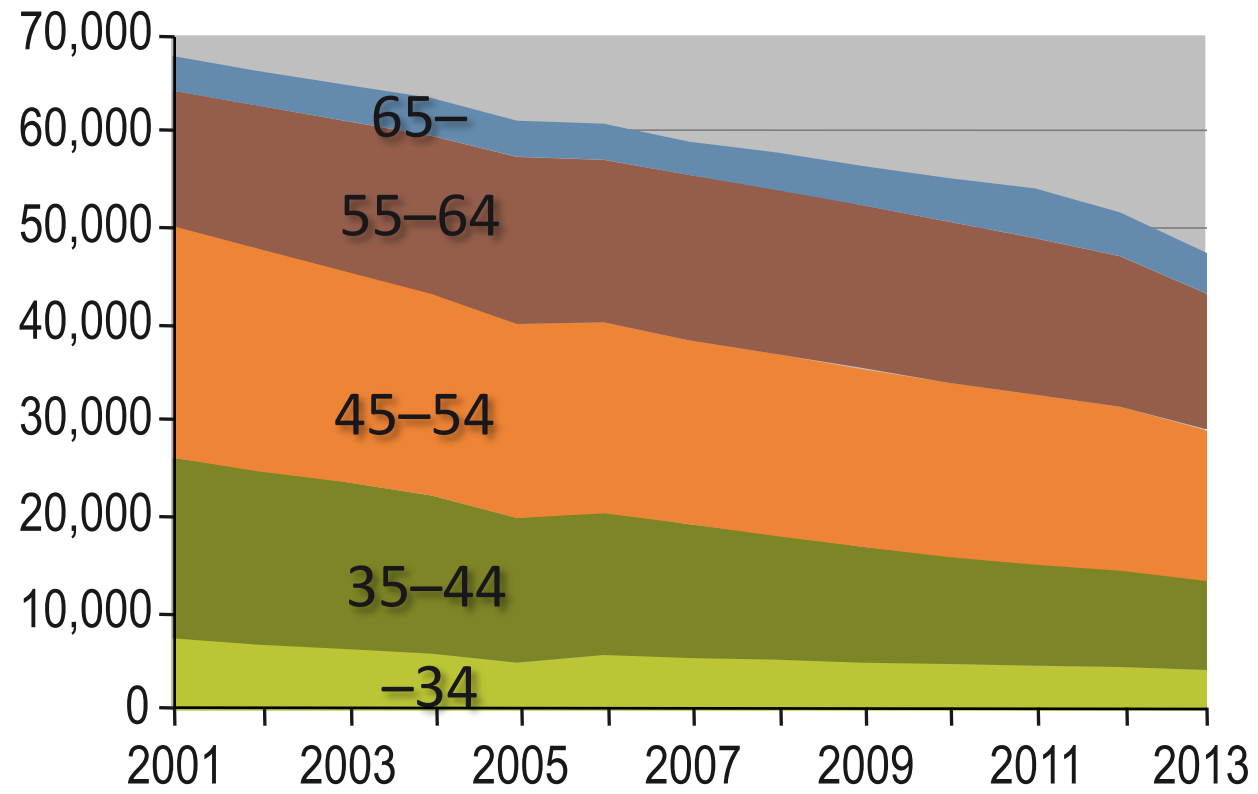
Area of leased arable land (ha) in 2003–2013



Source: Finnish Agency for Rural Affairs



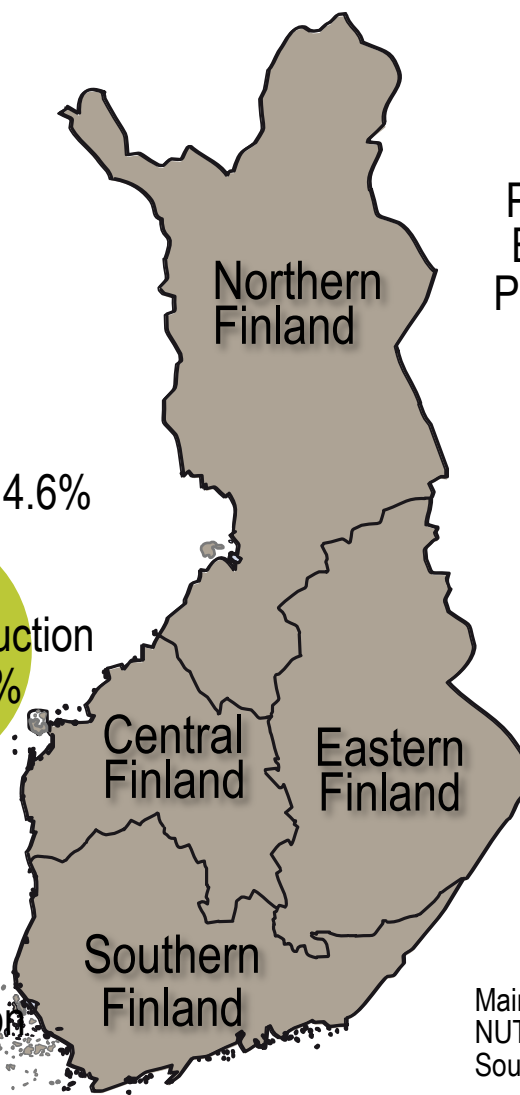
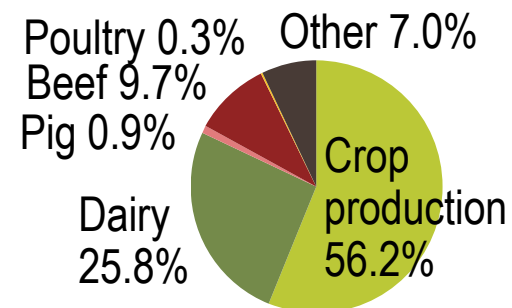
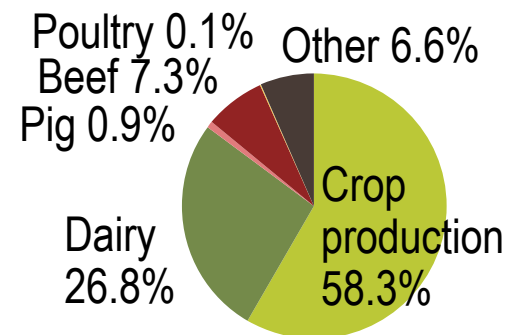
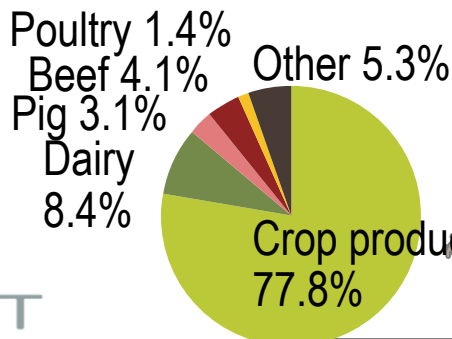
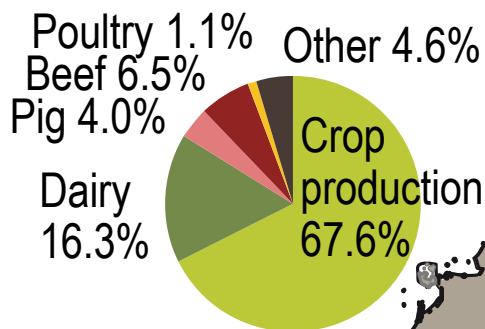
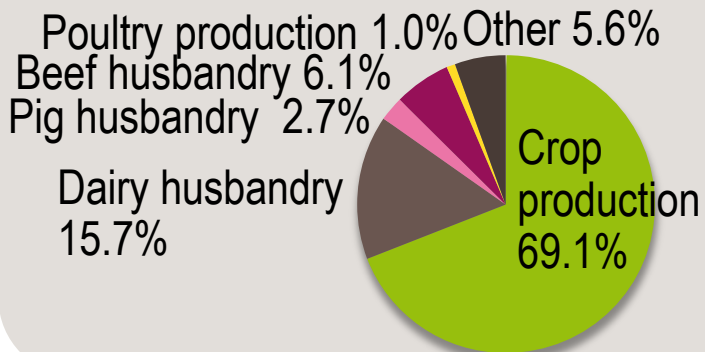
Number of farmers by age categories in 2001–2013



Distribution of farms receiving agricultural support according to production line in 2013

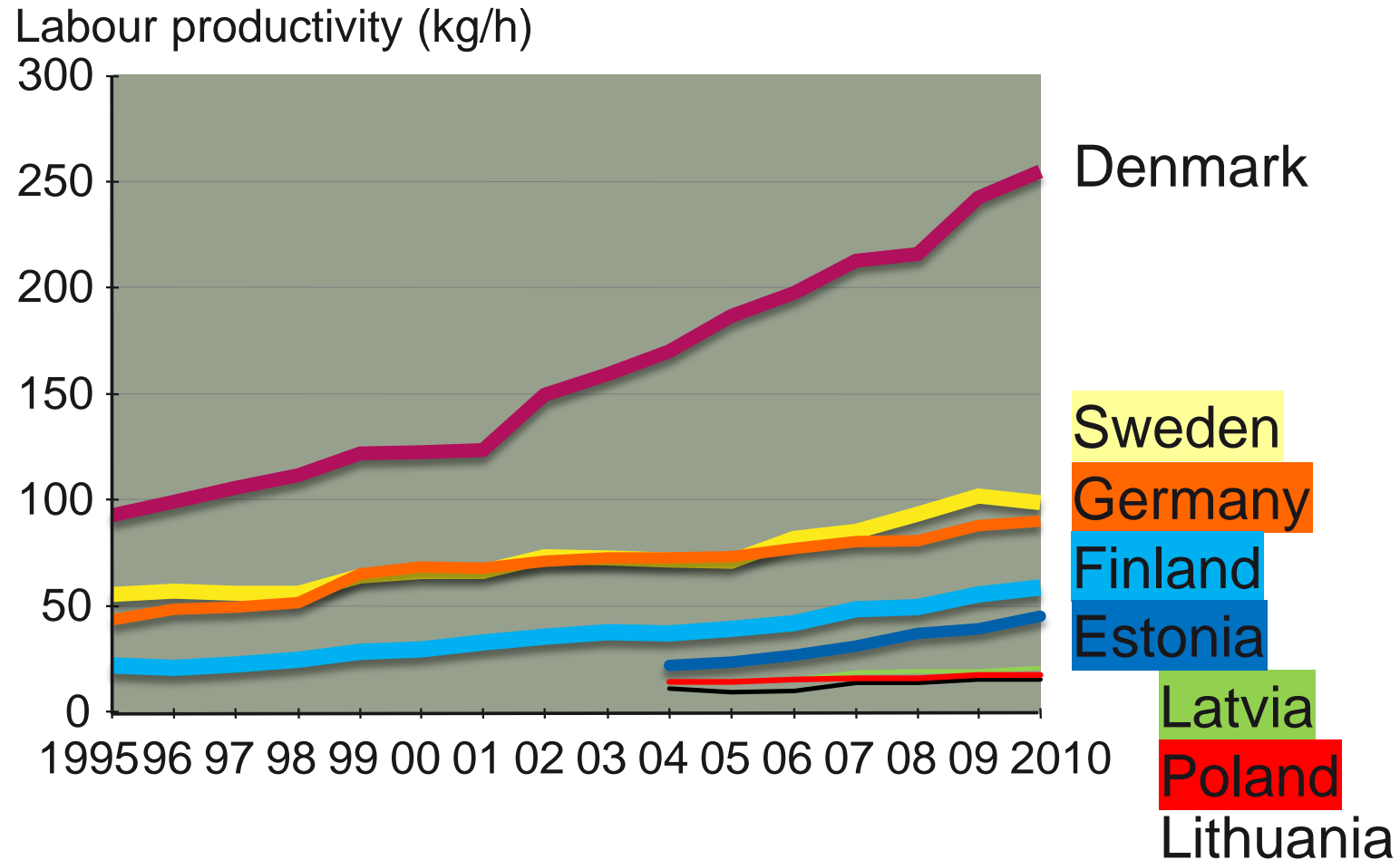


Whole country



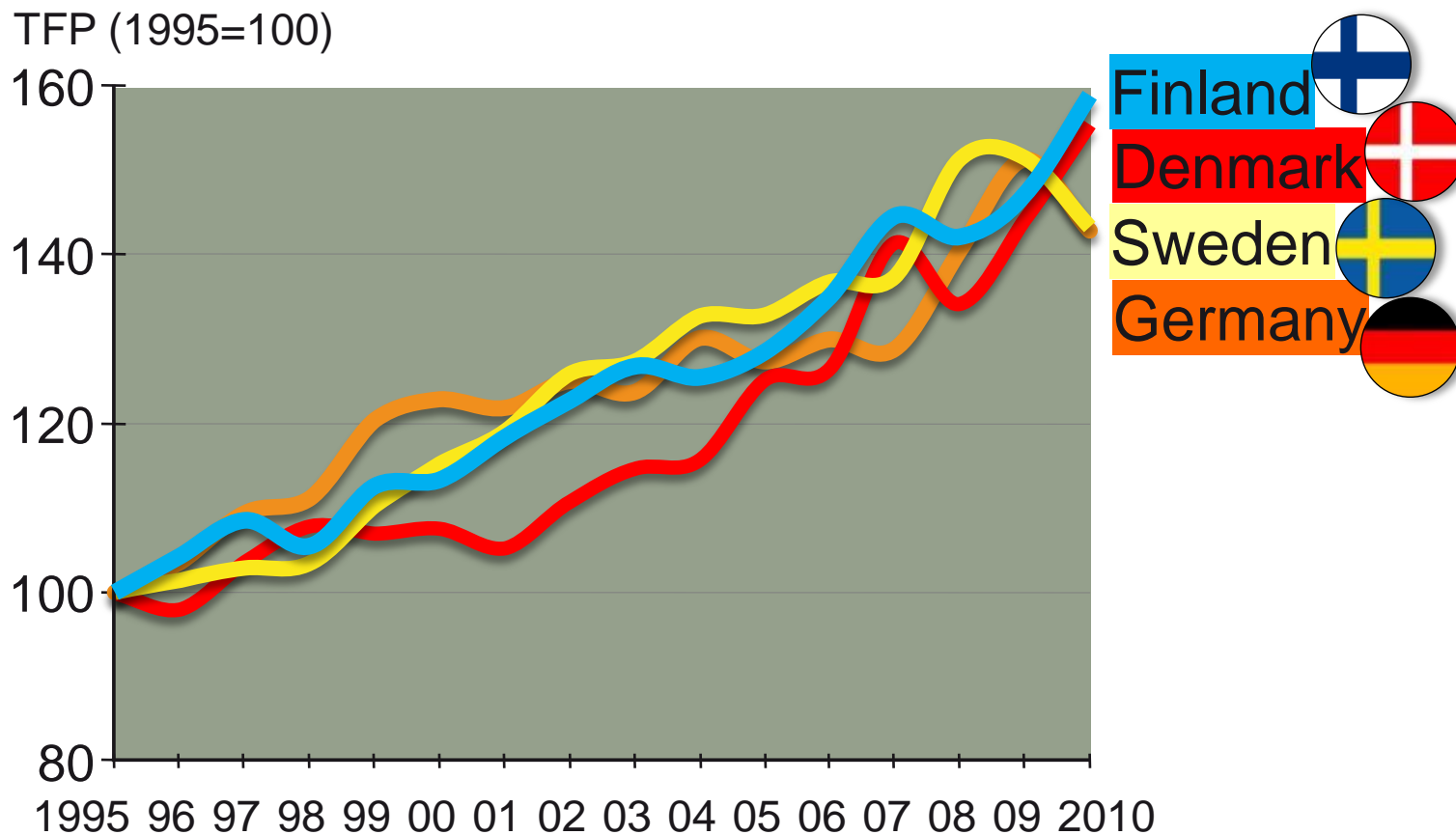
Main regions of Uusimaa and Åland according to NUTS II have been included in Southern Finland.
Source: Finnish Agency for Rural Affairs.

Average labour productivity on milk farms in 1995–2010

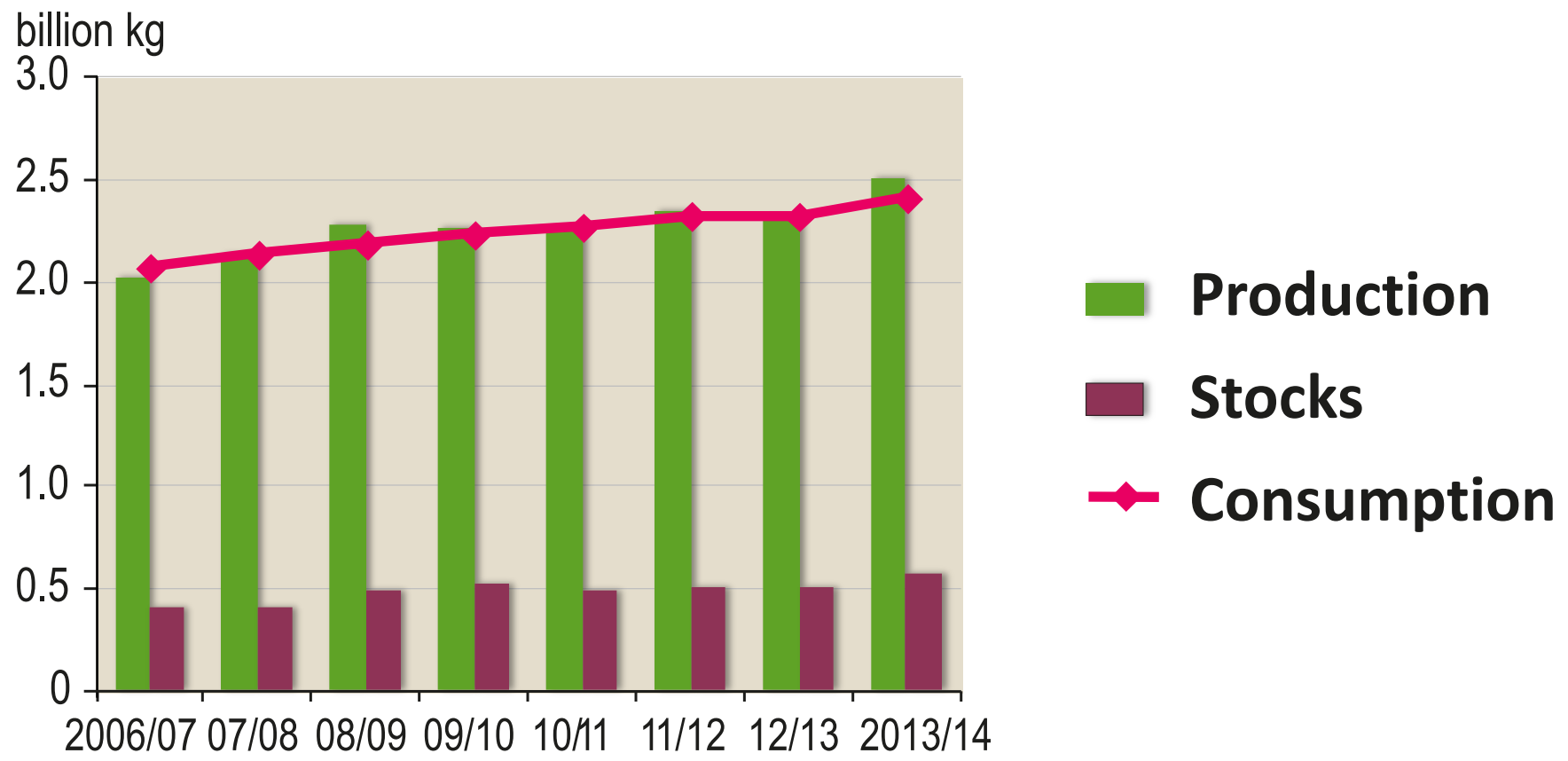




TFP growth on milk farms in the older EU countries of the Baltic Sea region in 1995–2010

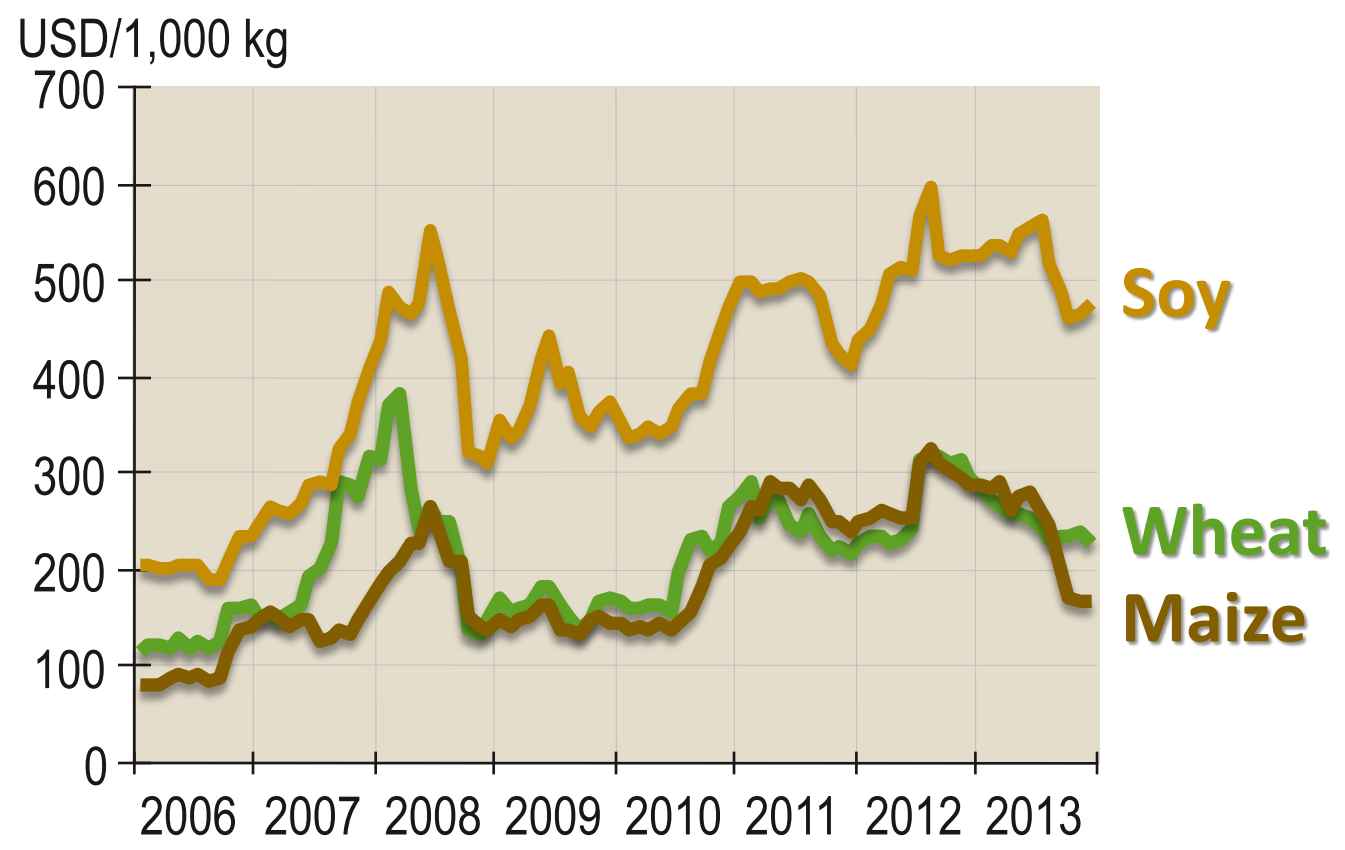


Trends in the world grain production, consumption and stocks in 2006–2013

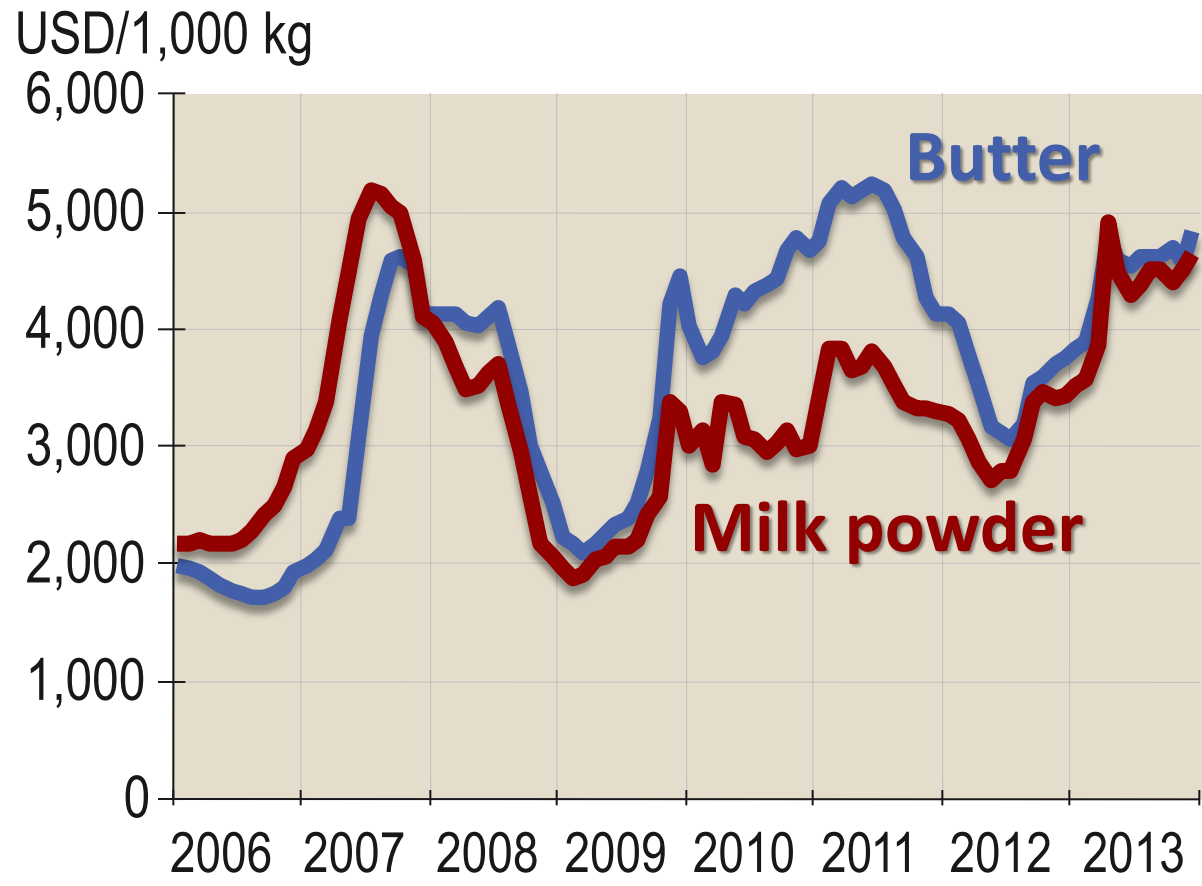


Source: AMIS Statistics

World market price for maize, soy and wheat 2006–2013



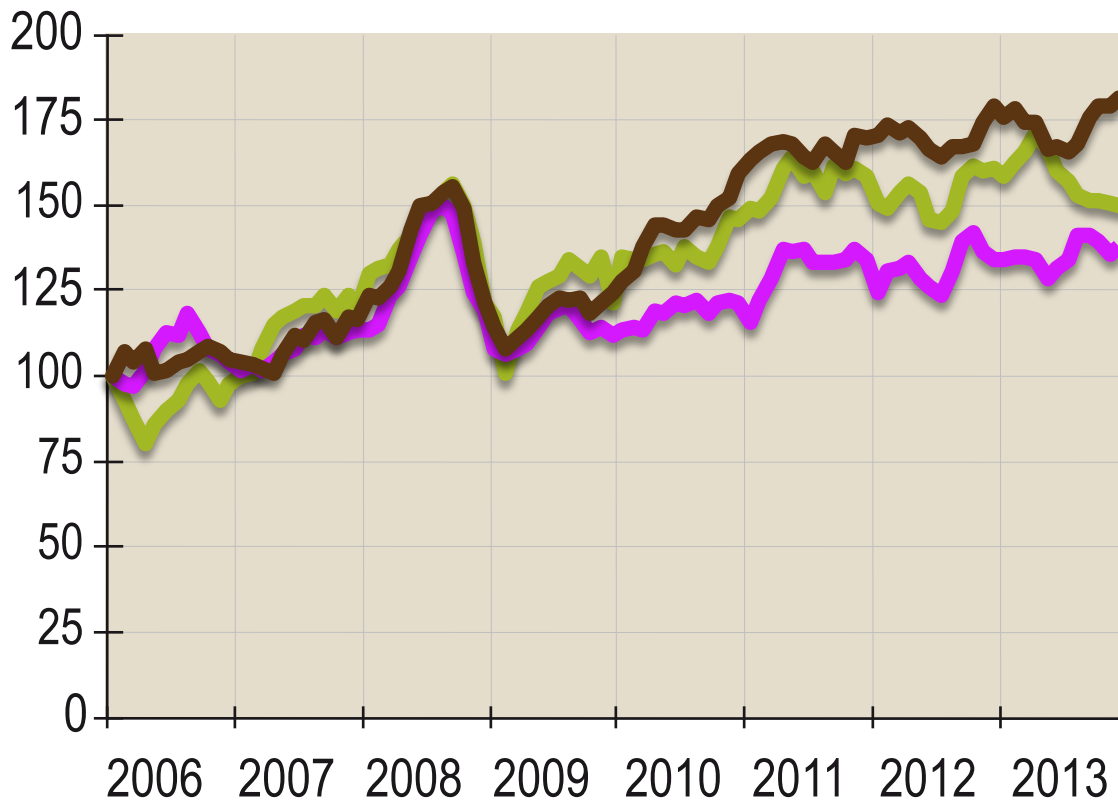
Export prices of butter and skimmed milk powder in 2006–2013





World market price indices for beef, pigmeat and poultry meat in 2006–2013

Price index (January 2006=100)



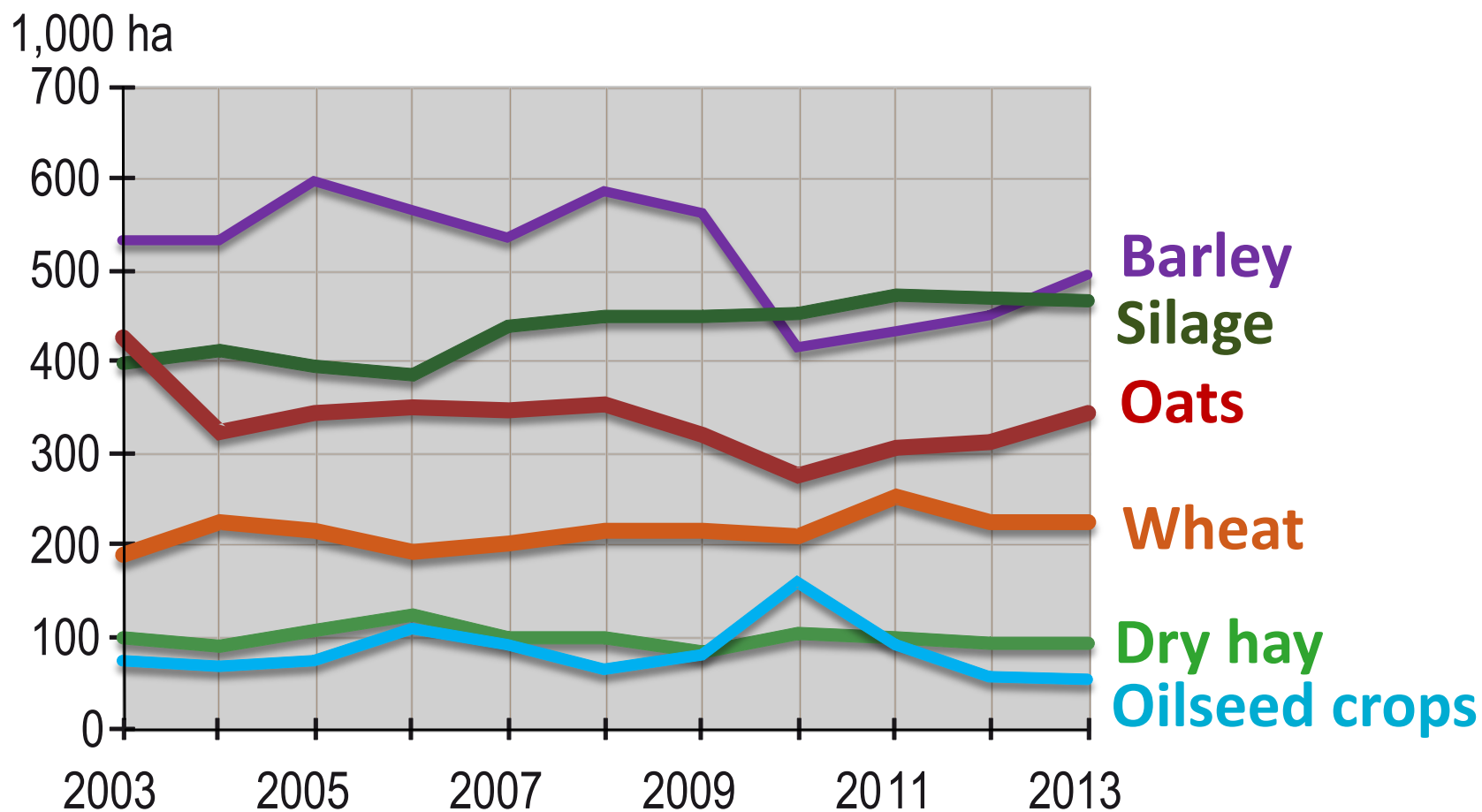
Beef

Poultry meat

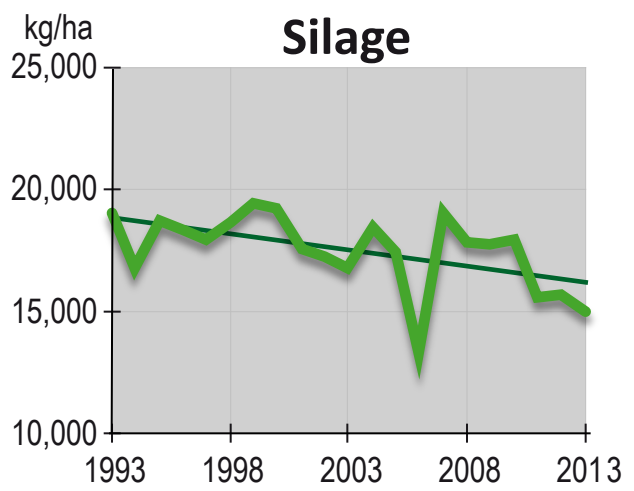
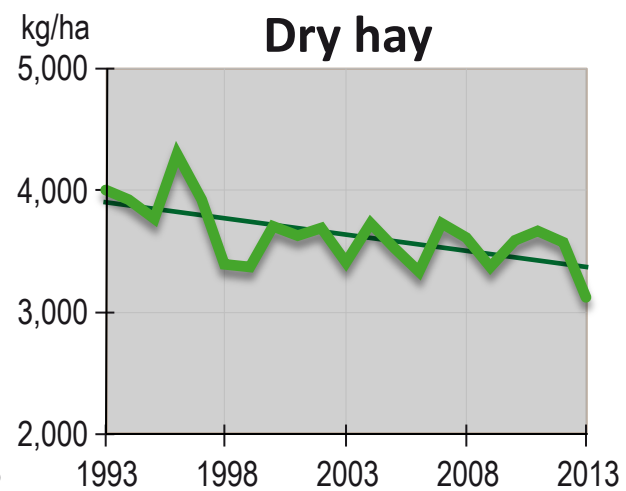
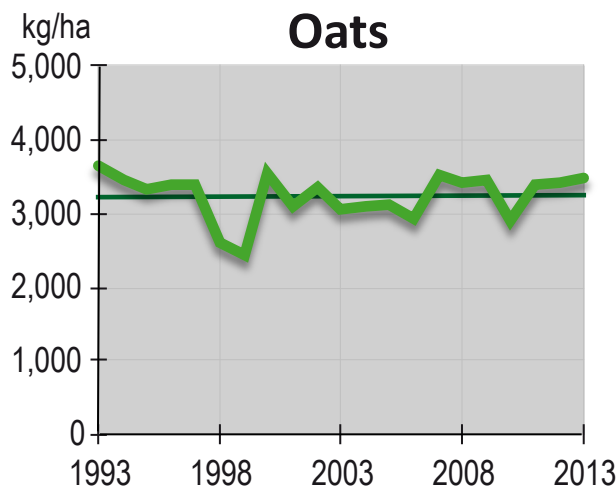
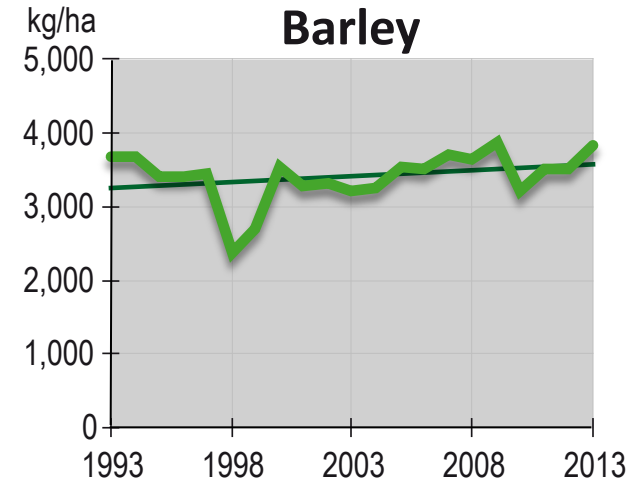
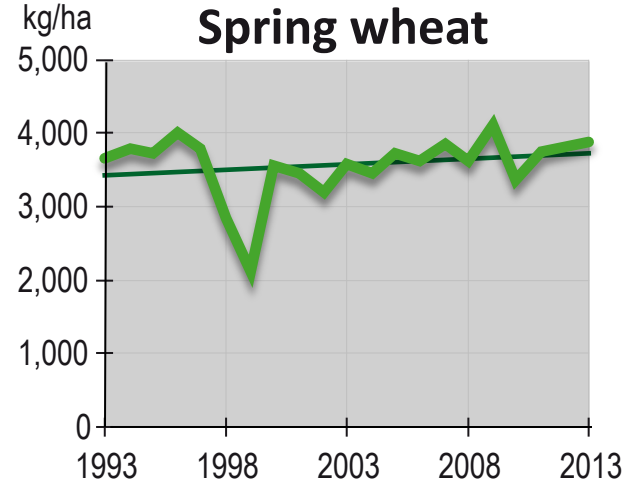
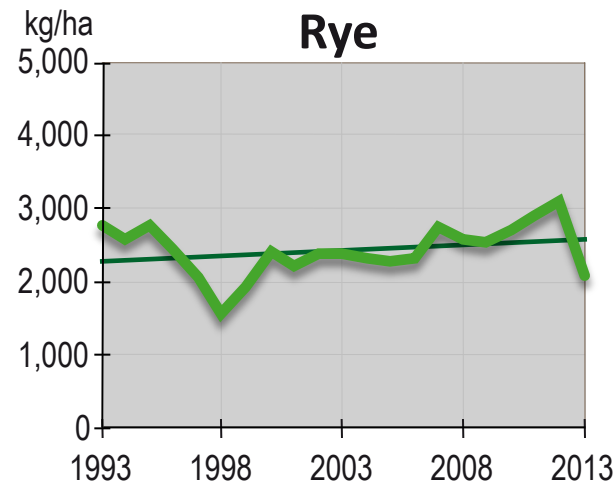
Pigmeat



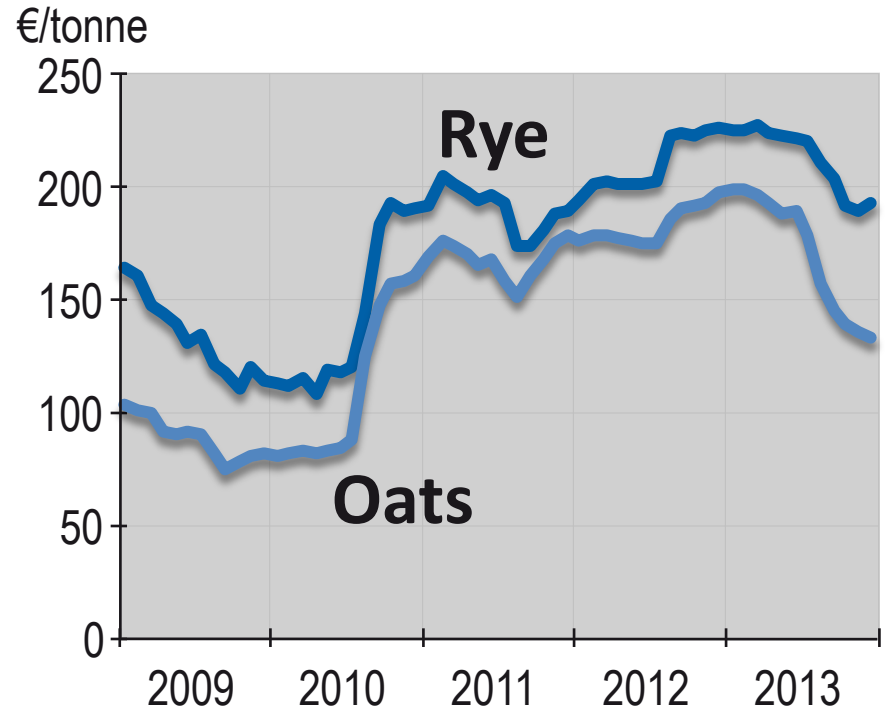
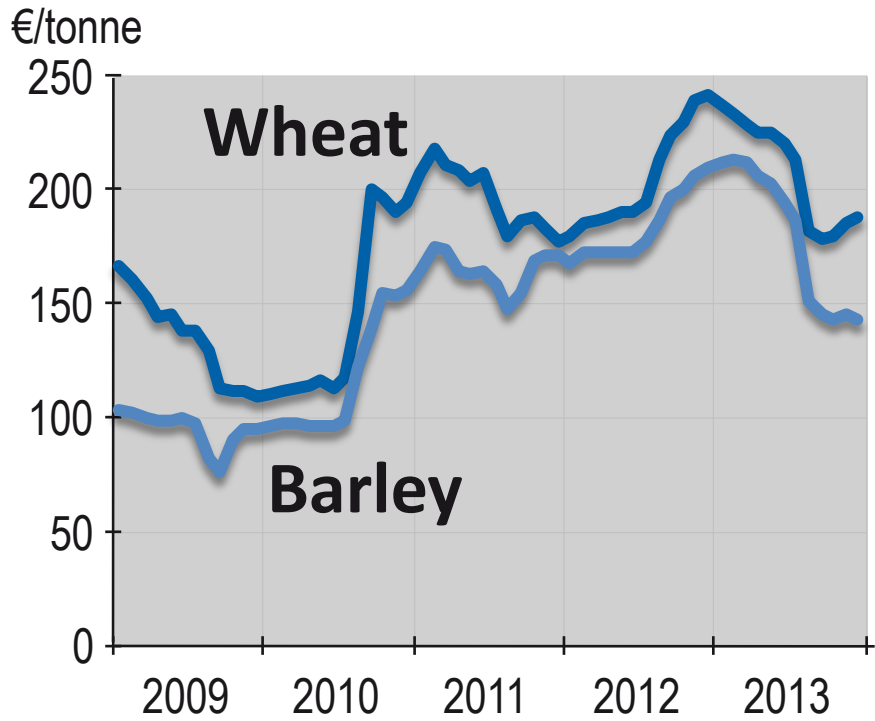
Harvested areas in 2003–2013



Yields of main crops in Finland from 1993 to 2013



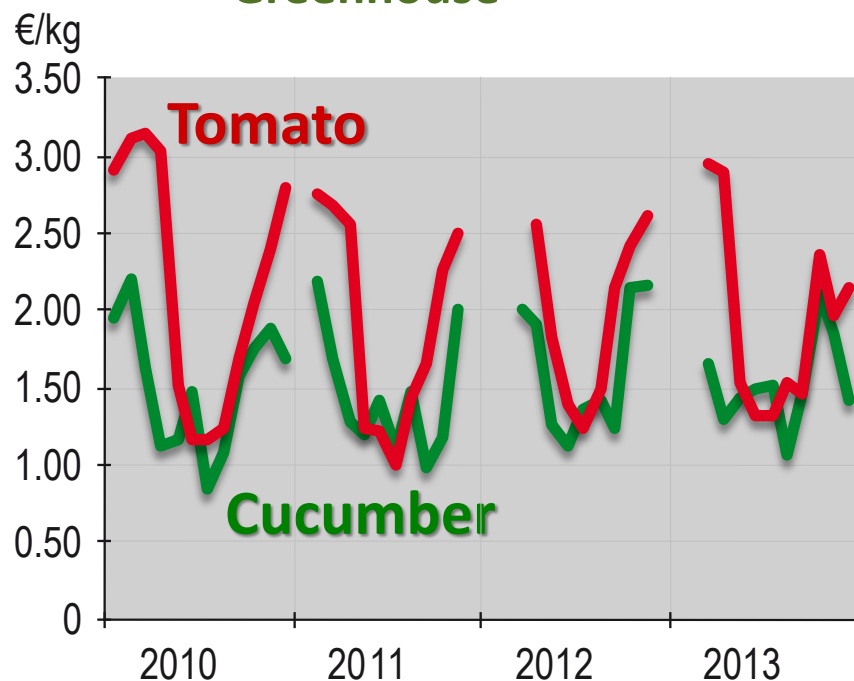
Market prices of cereals in Finland from 2009 to 2013



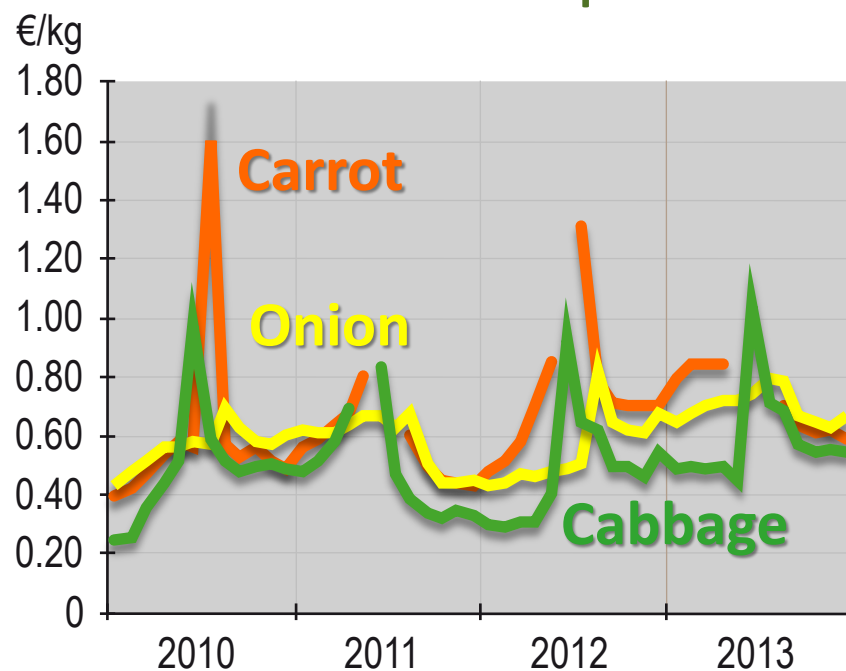
Source: Information Centre of the Ministry of Agriculture and Forestry

Producer prices of horticultural products from 2010 to 2013

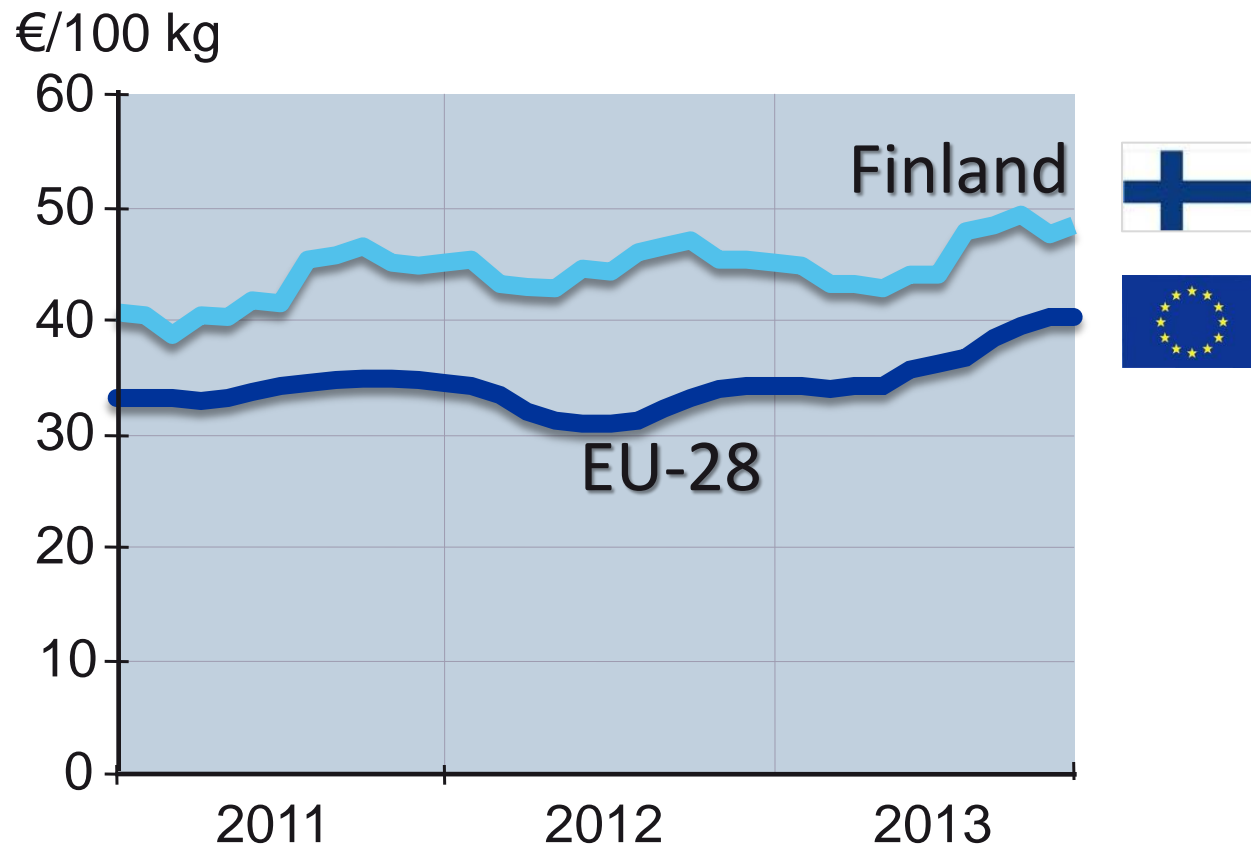
Greenhouse



Grown in the open

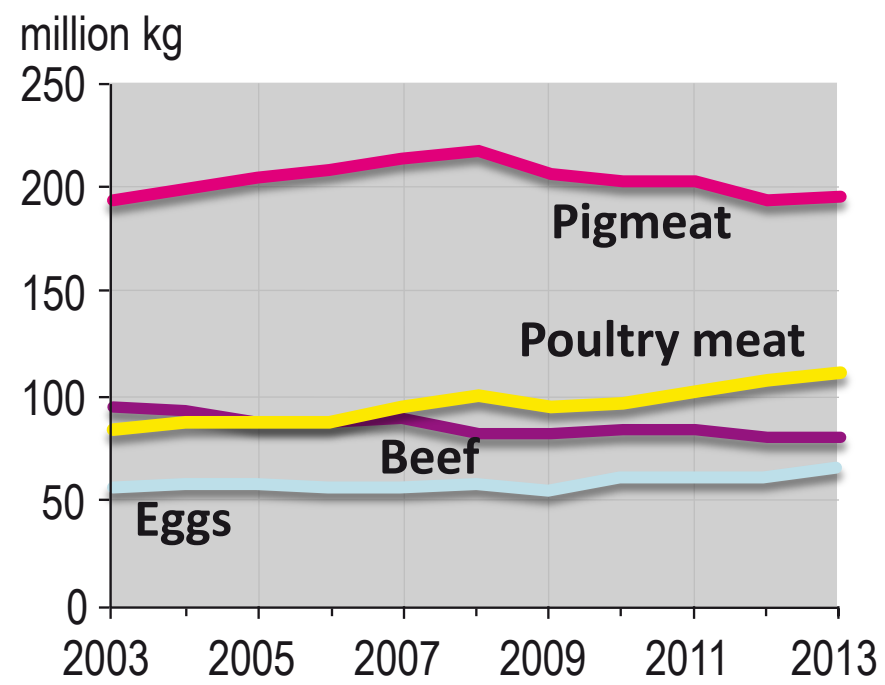
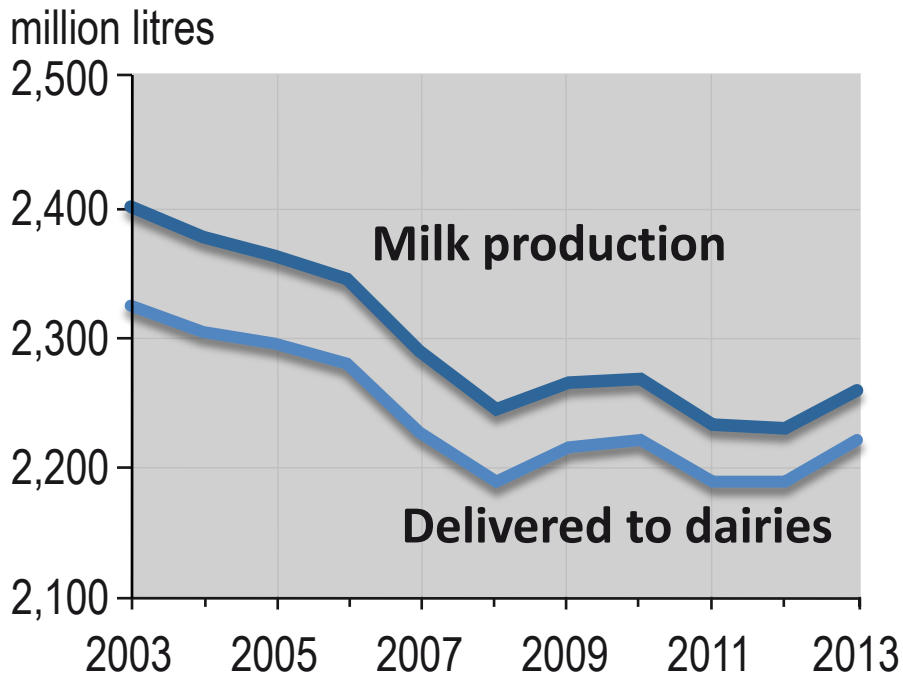


Producer price of milk in EU-28 countries and in Finland in 2011–2013

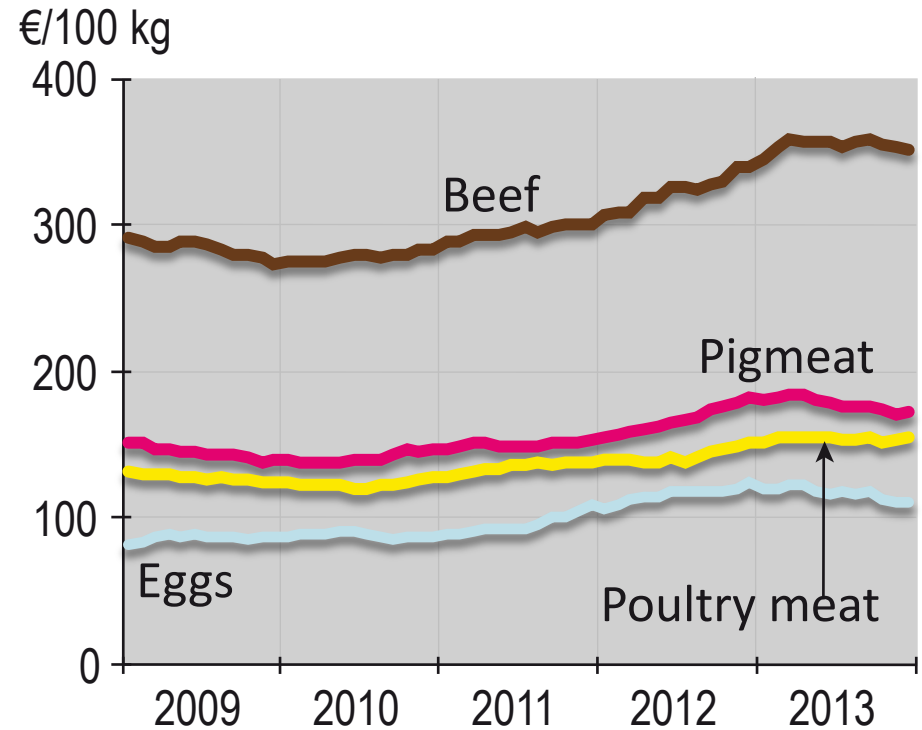
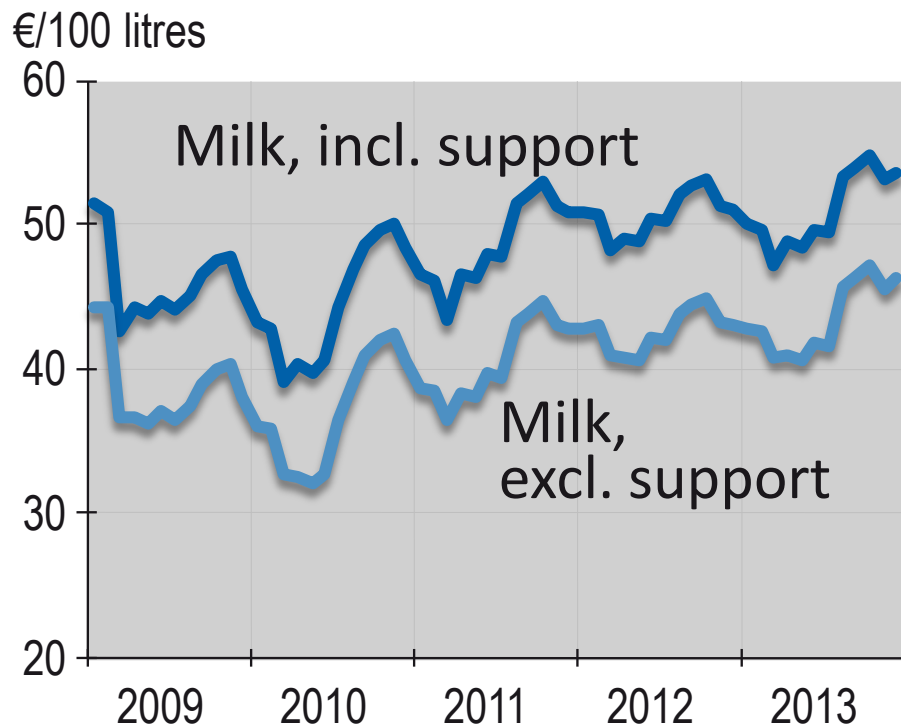




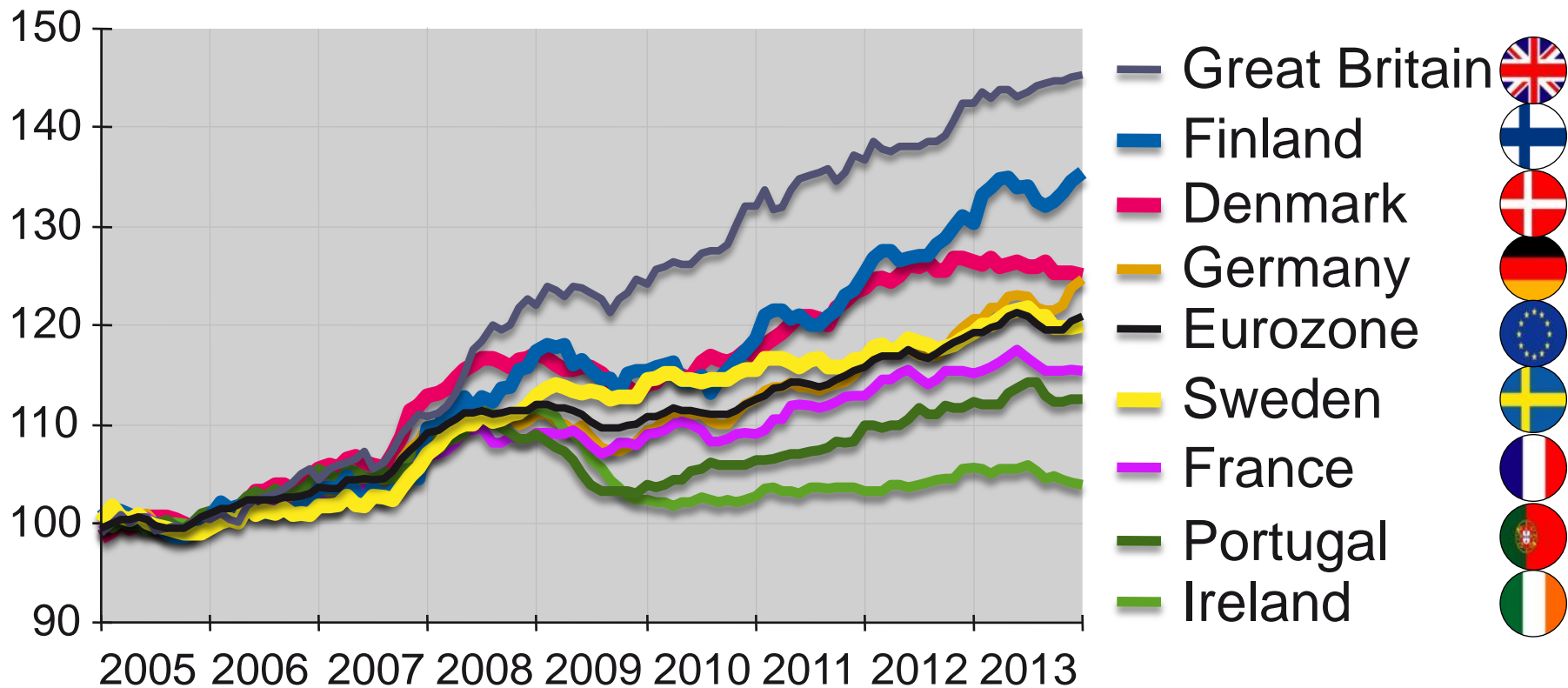
Production of milk, meat and eggs in Finland from 2003 to 2013



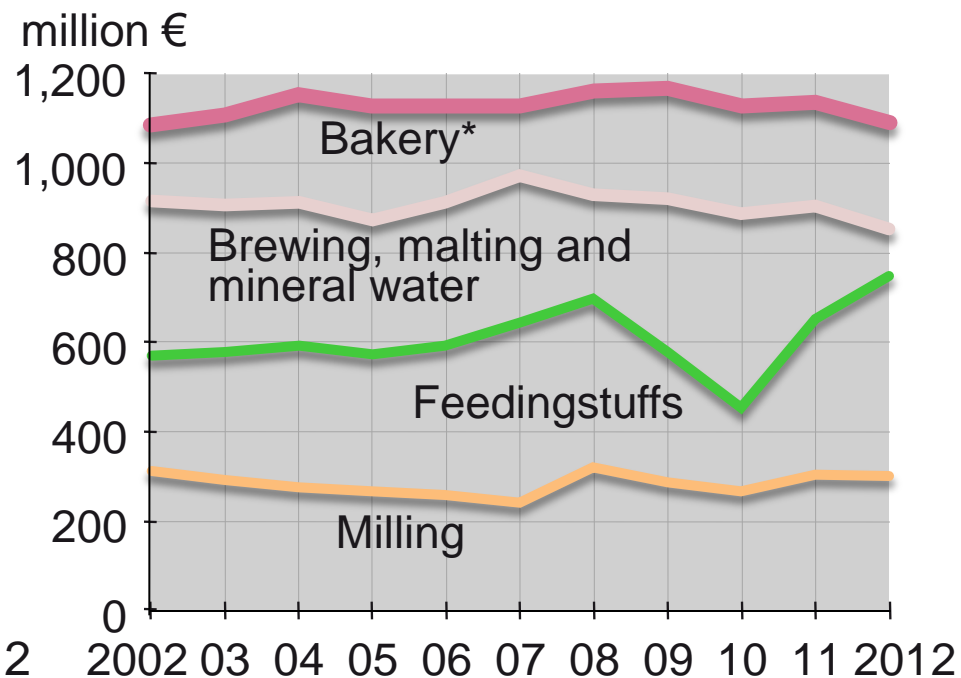
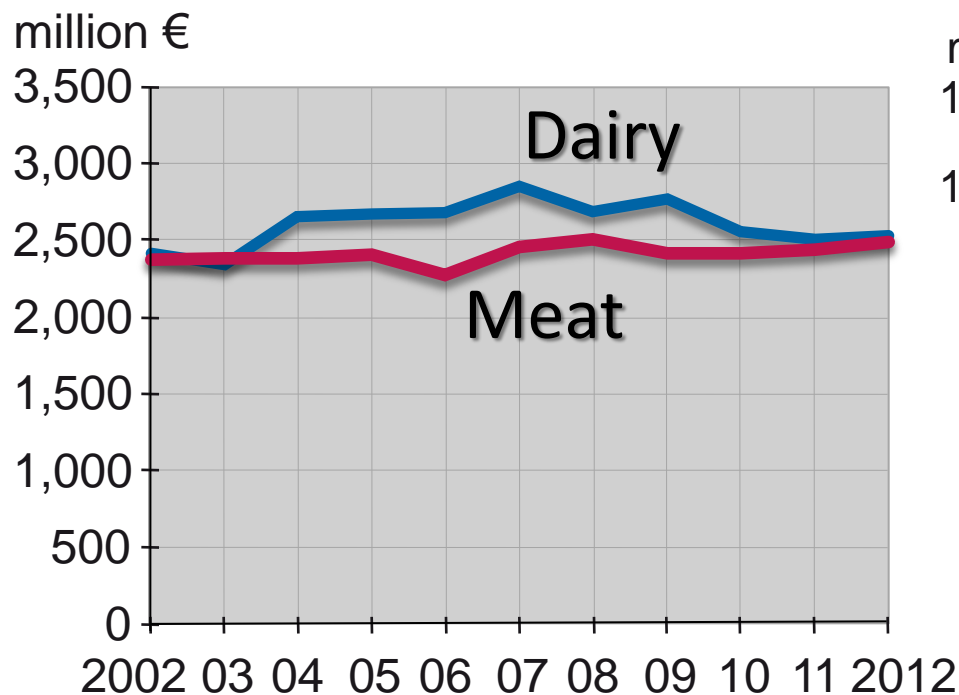
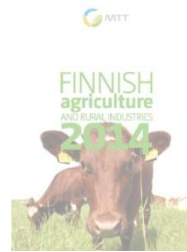
Producer prices of milk, meat and eggs in Finland from 2009 to 2013



Food prices (excluding VAT) in Finland and certain EU countries in 2005–2013

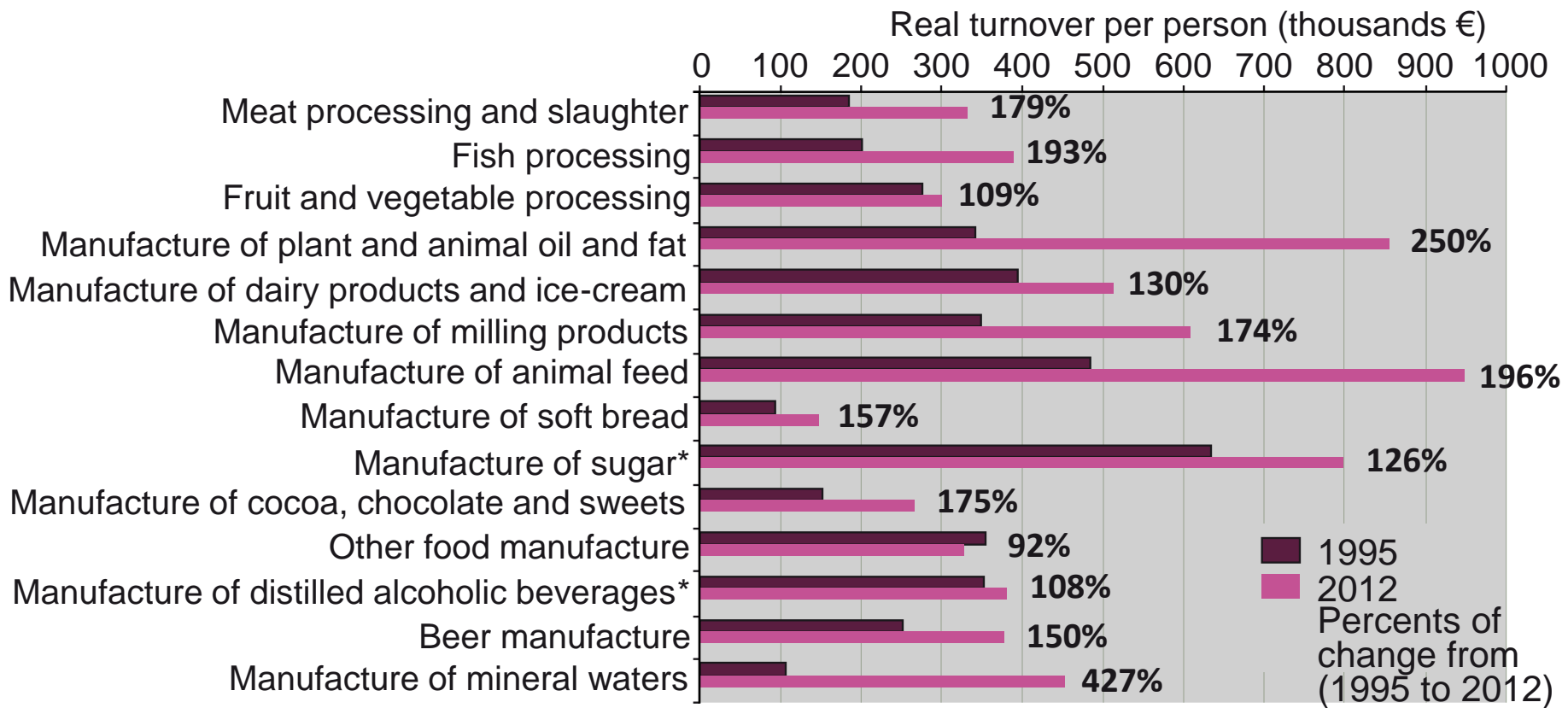


Turnover of Finnish meat and dairy industry and certain other sub-sectors of food industry at 2012 prices



* Includes soft bread, crispbread and biscuit manufacture

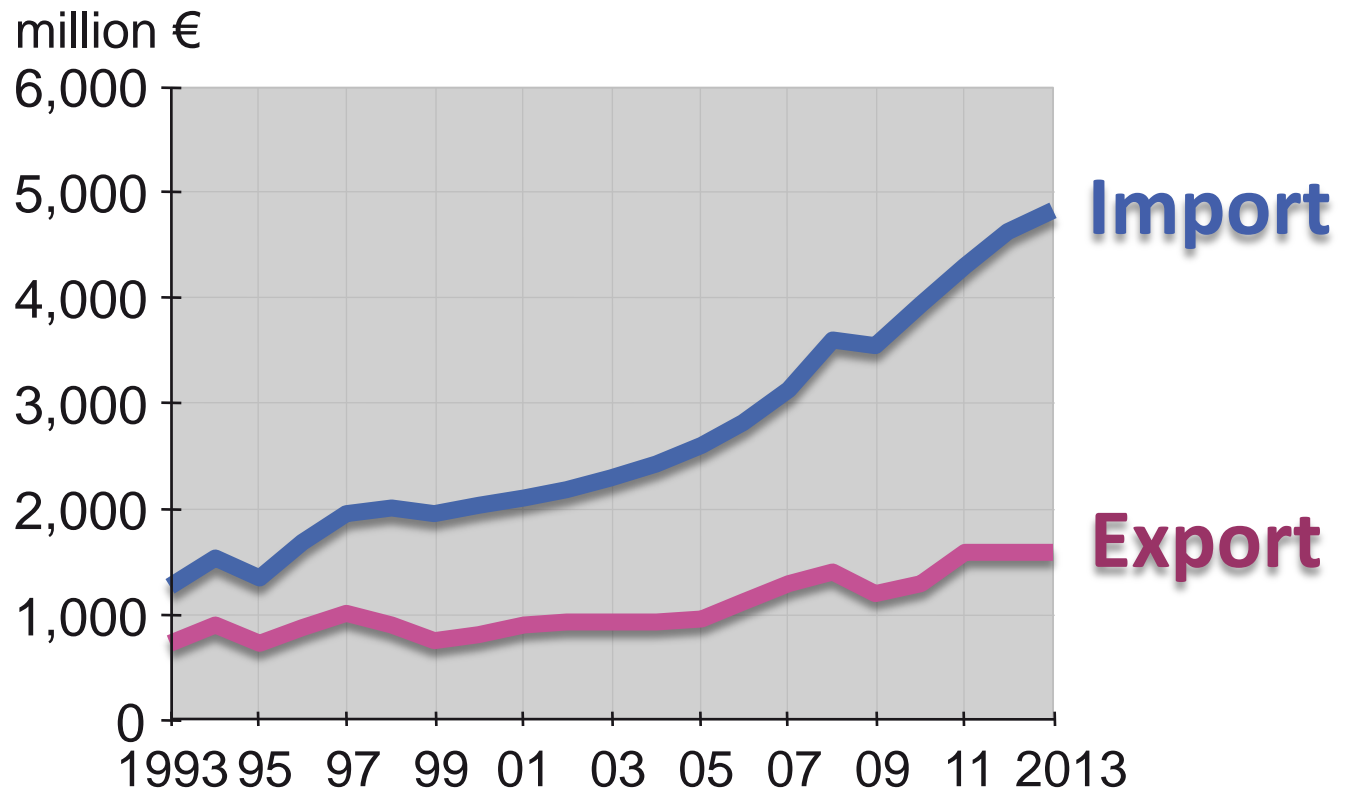
Trend in the real turnover per labour in food industry by sectors



*1997 instead of 1995

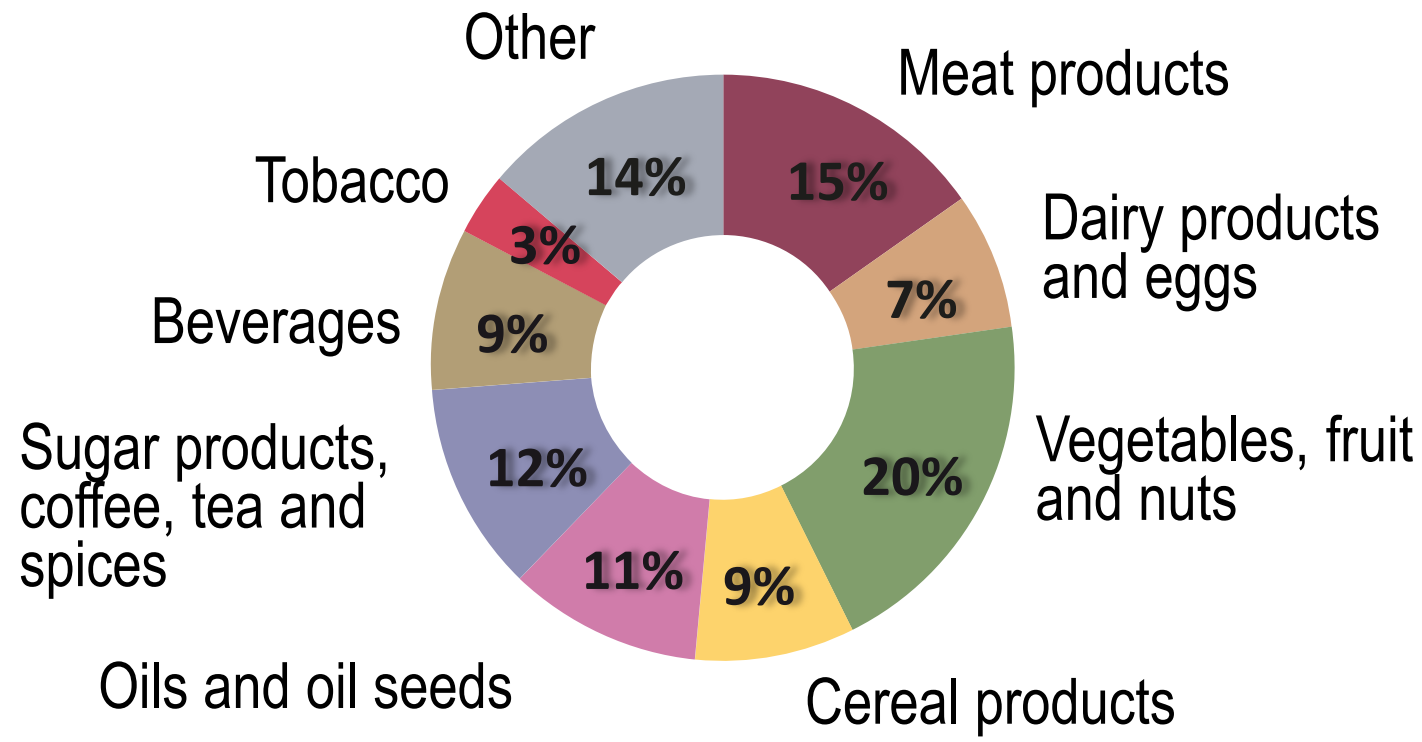
Sources: Statistics Finland, Finnish Enterprises 1995–2012, calculations by MTT.

Exports and imports of agricultural and food products (CN 01–24) in 1993–2013, million euros



Source: National Board of Customs, ULJAS database

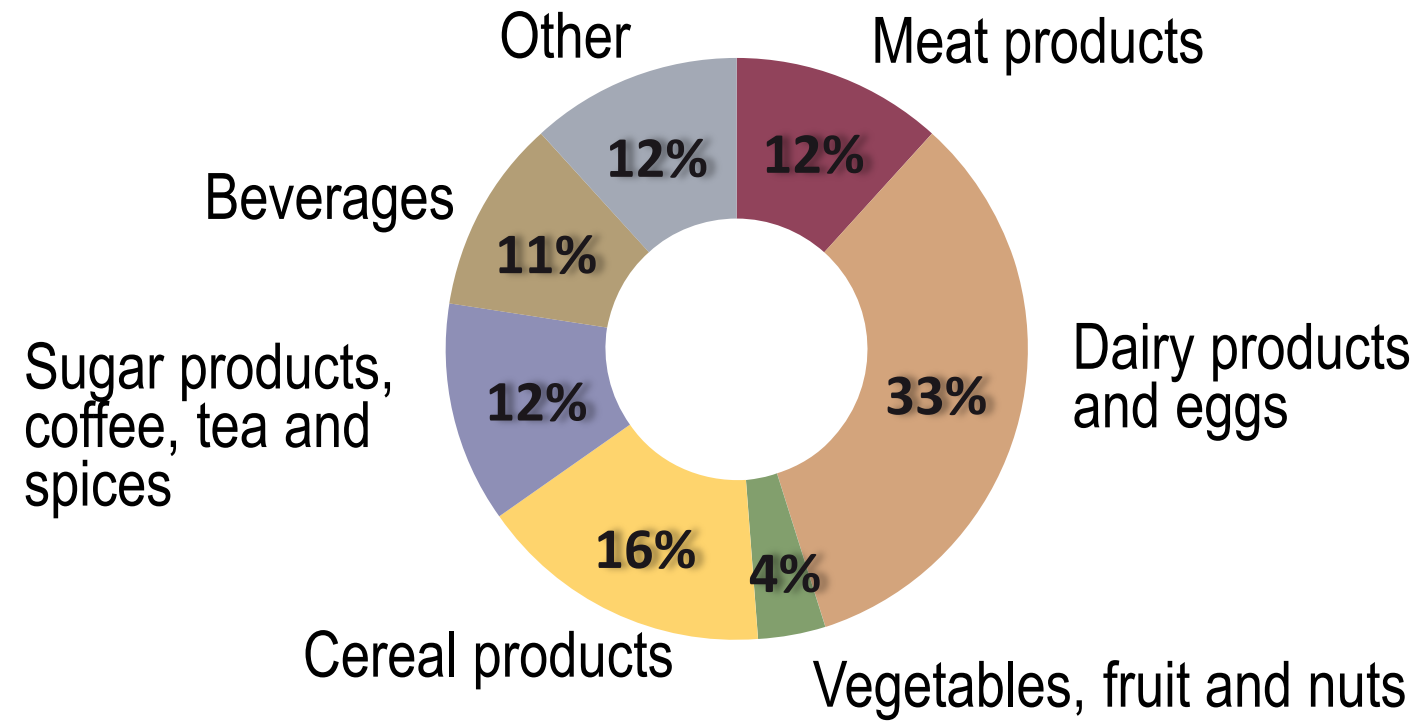
Structure of Finland's food imports in 2013 (%)



Total value: € 4,825 million

Source: National Board of Customs, ULJAS database.

Structure of Finland's food exports in 2013 (%)



Total value: € 1,590 million

Source: National Board of Customs, ULJAS database.

Structure of the common agricultural policy (CAP)

Common Agricultural Policy of the EU

1. Pilar
(75% of the funding)

2. Pilar
(25%)

Market support and direct payments

Rural development payments

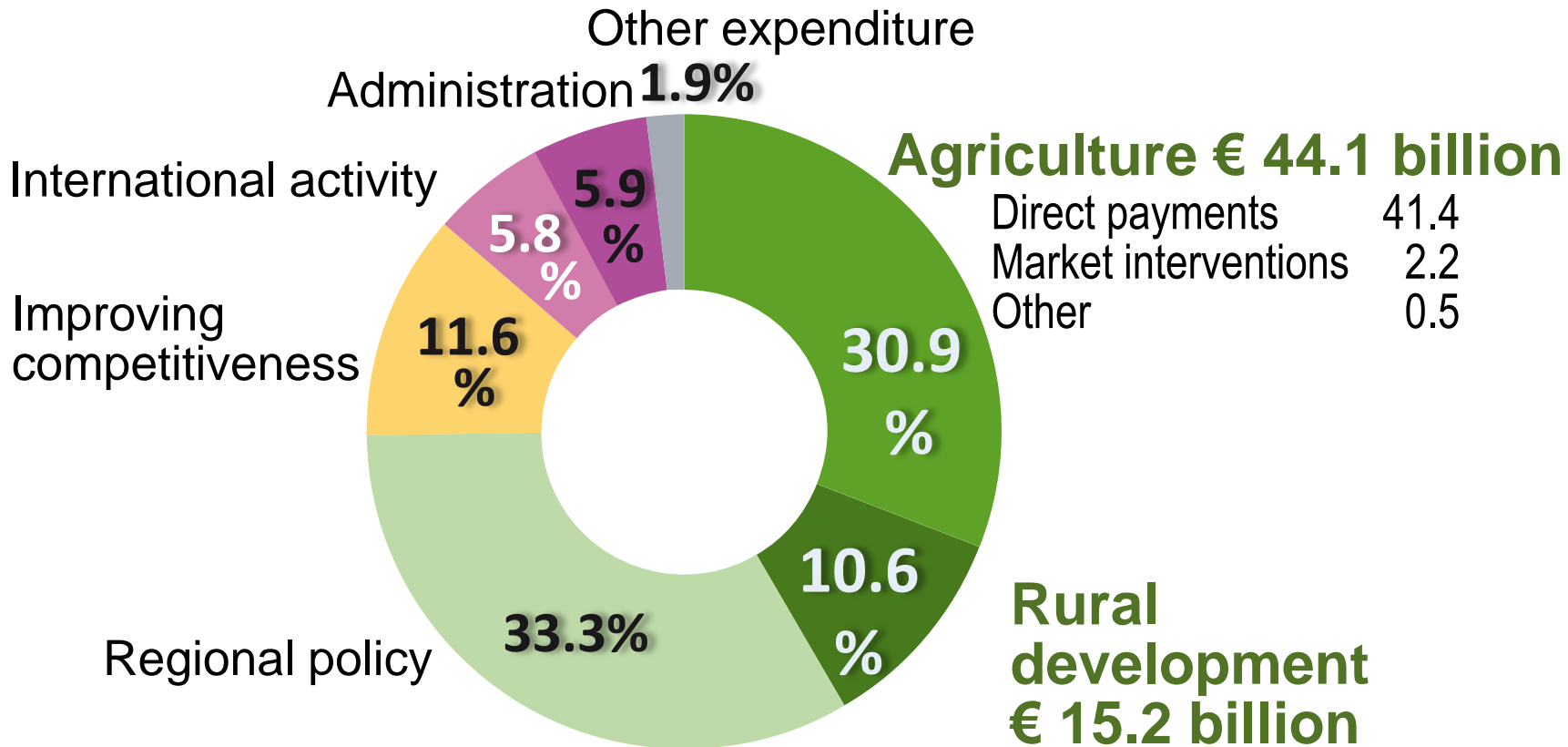
Direct CAP support
Decoupled direct payments and coupled payments

Market organisations
Intervention, storage and regulation of supply

Agri-environment support
LFA
Structural and investments aid
Rural development and business projects
Leader

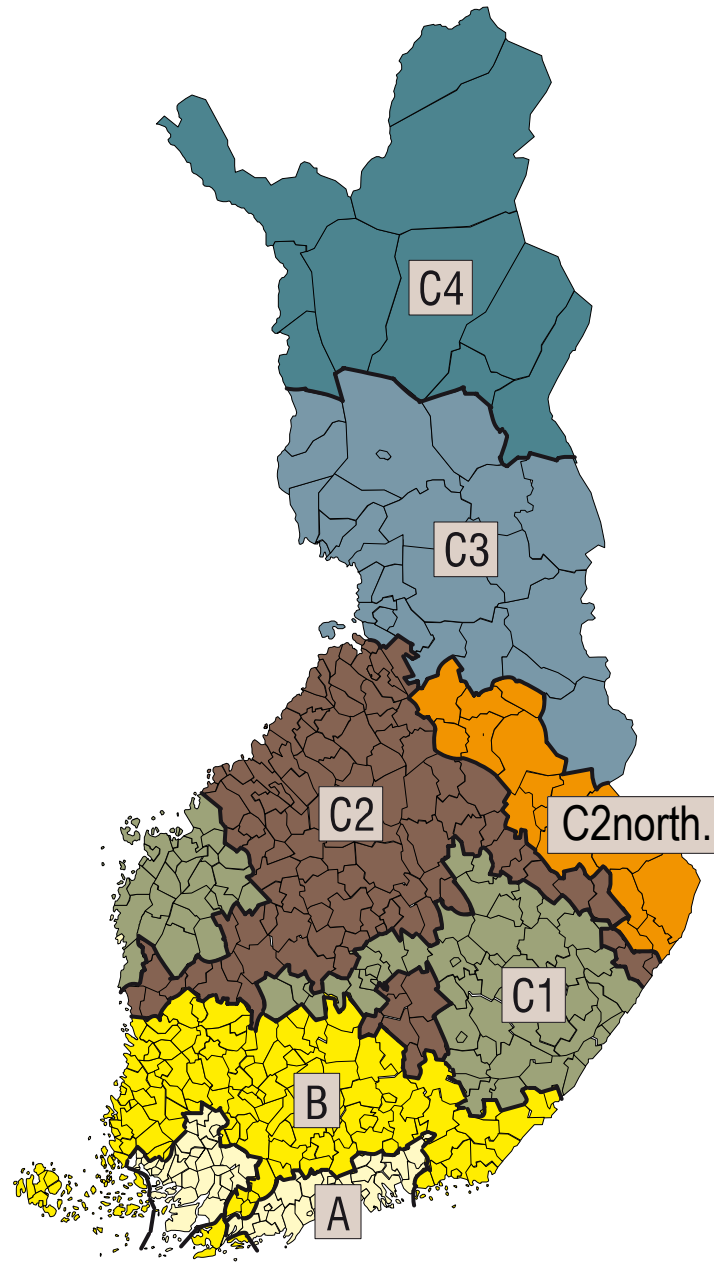


EU budget for 2014, € billion



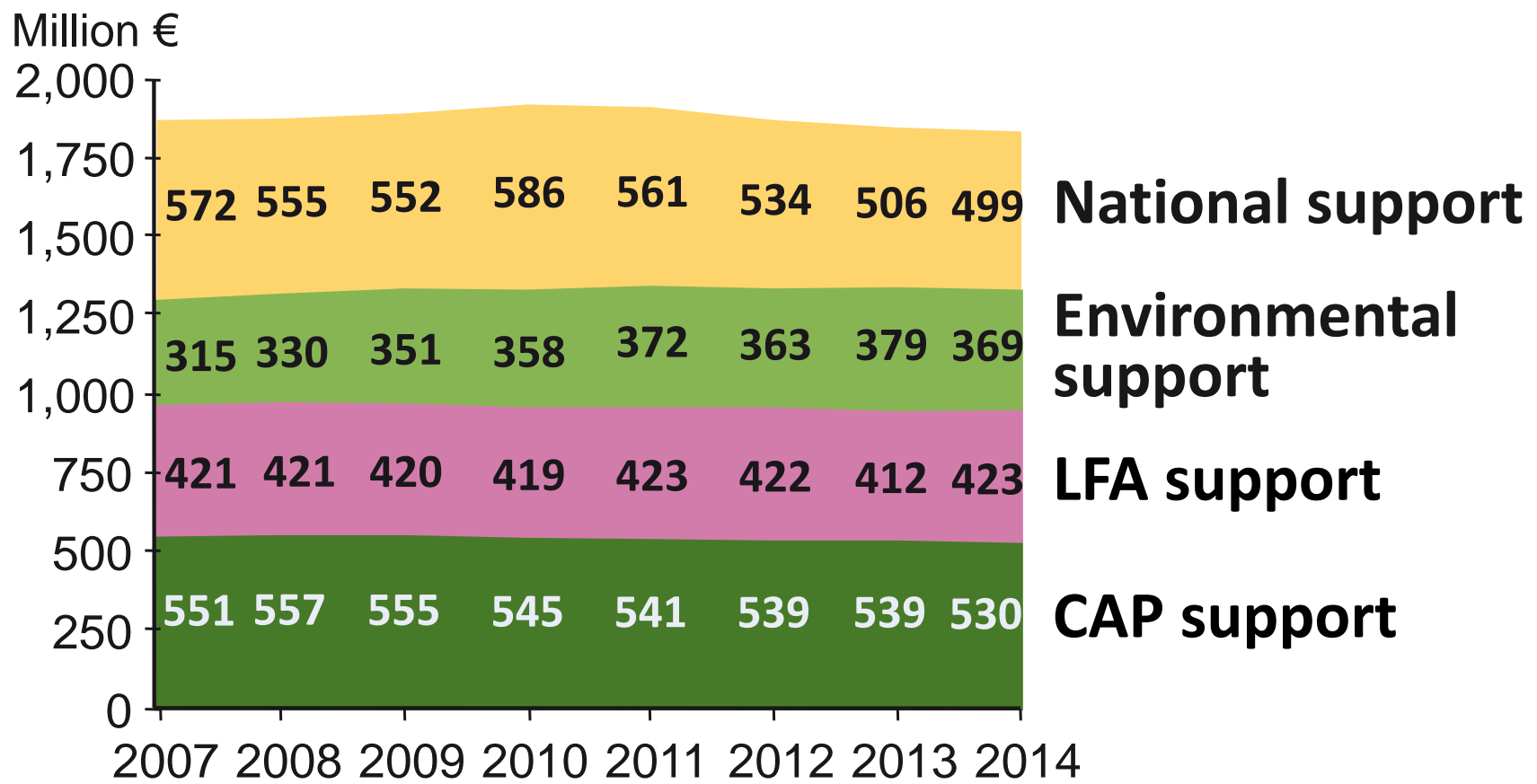
Total € 142.6 billion

Support areas

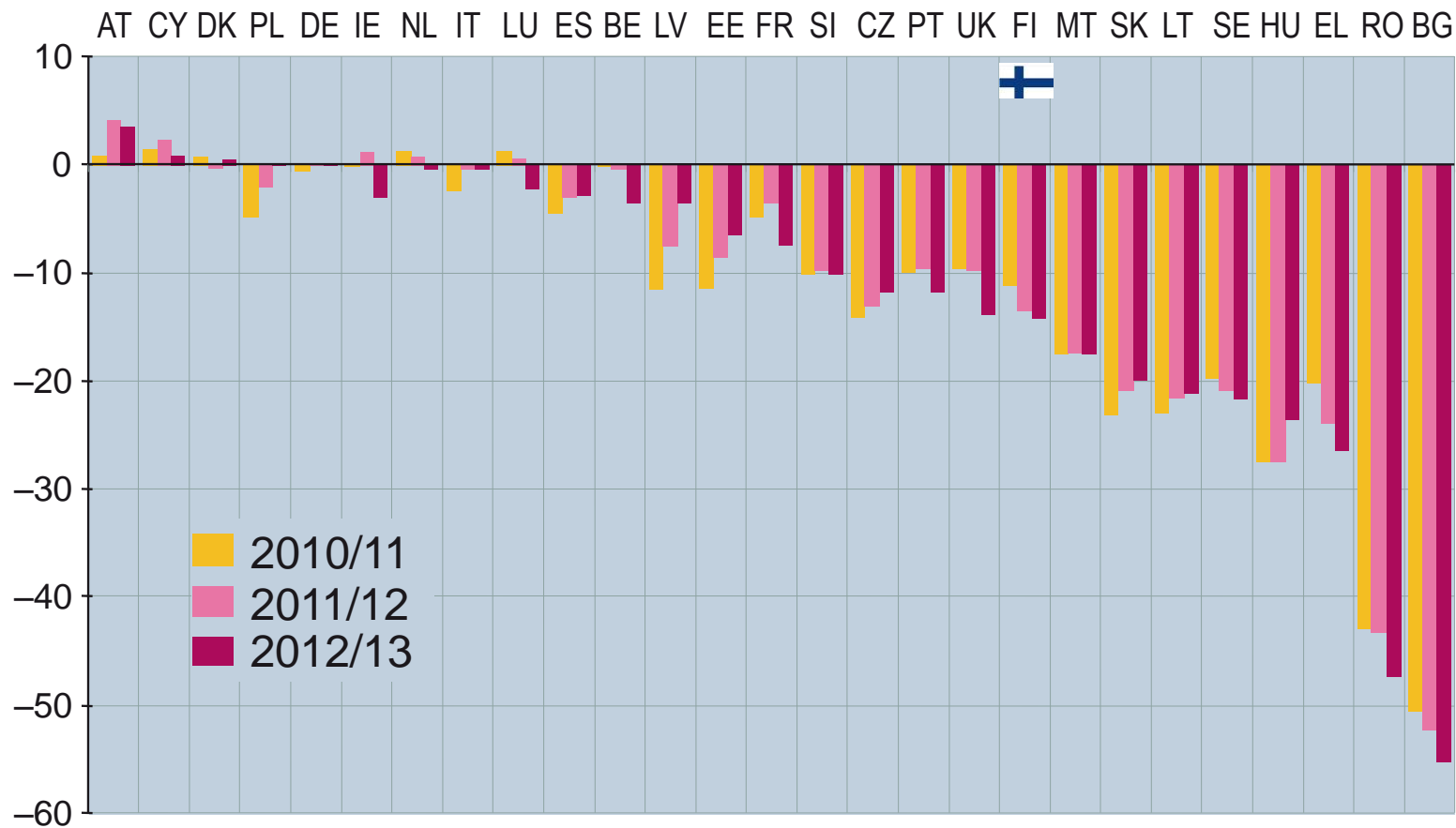




Agricultural support in Finland in 2007–2014, € million

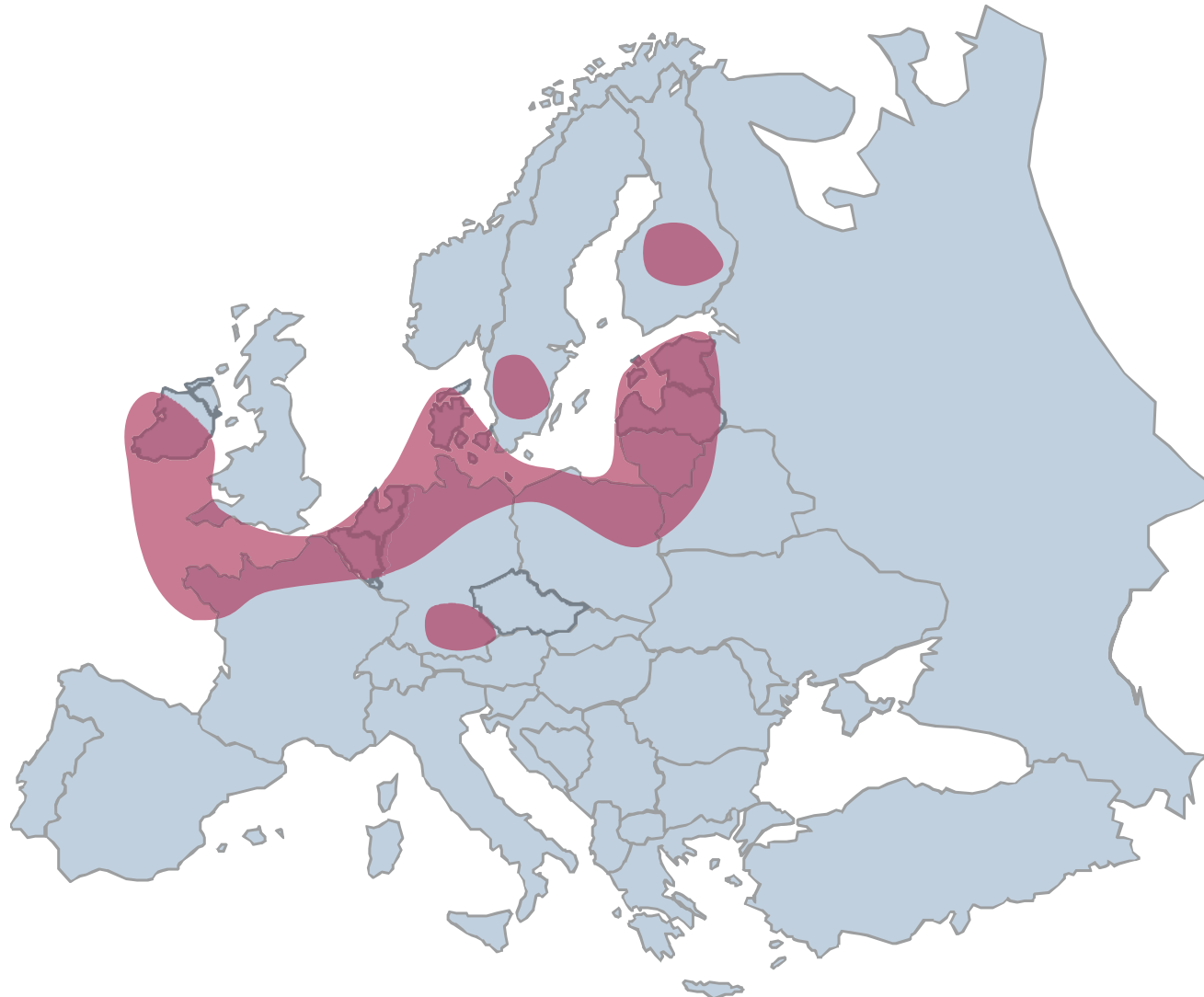


Fulfilment of milk quotas in European Union member states



Source: Versteijlen, H. 2013

Europe's milk production belt

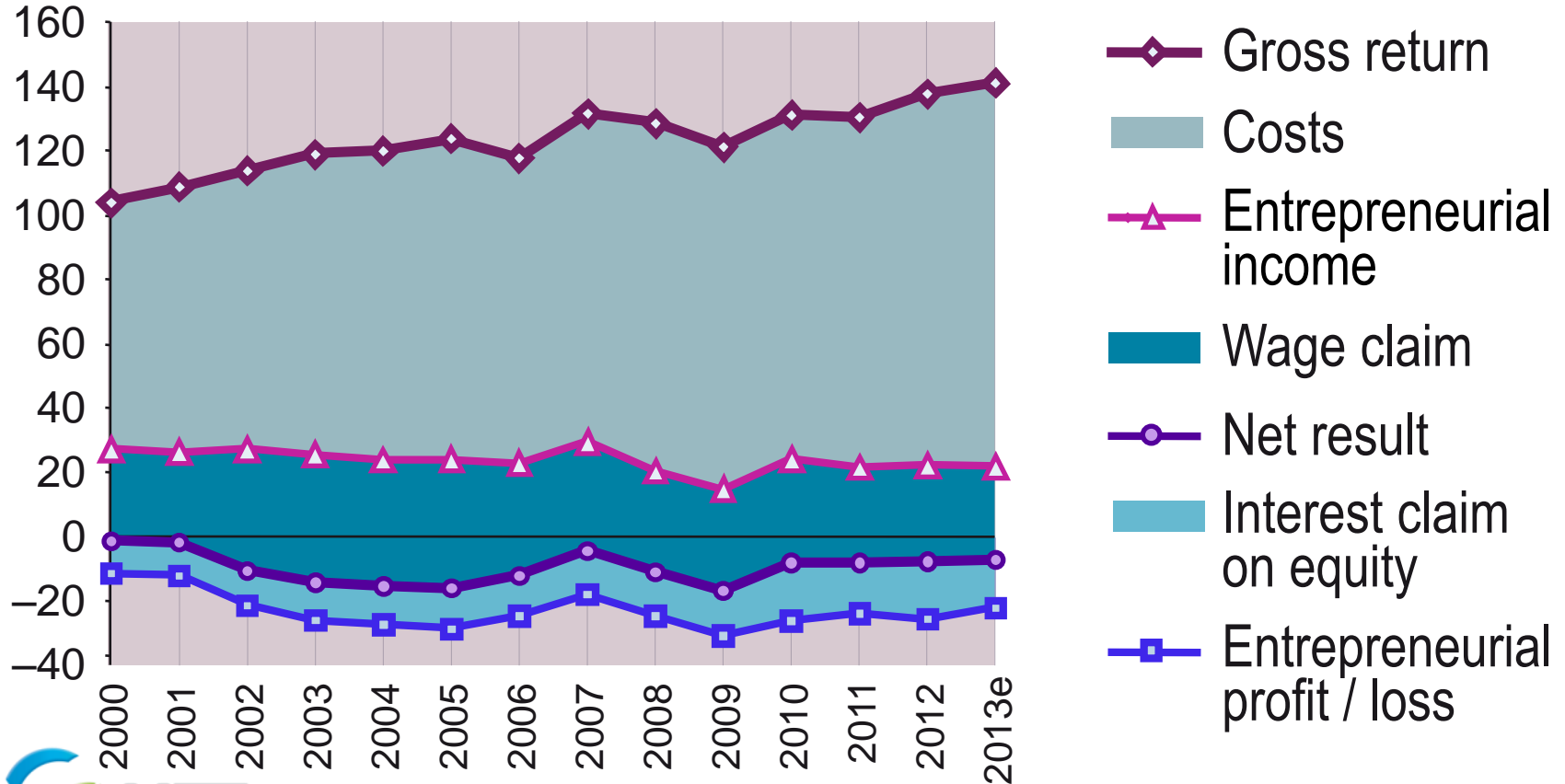


Result and profitability development of agriculture and horticulture in 2000–2013e



• Entrepreneurial profit

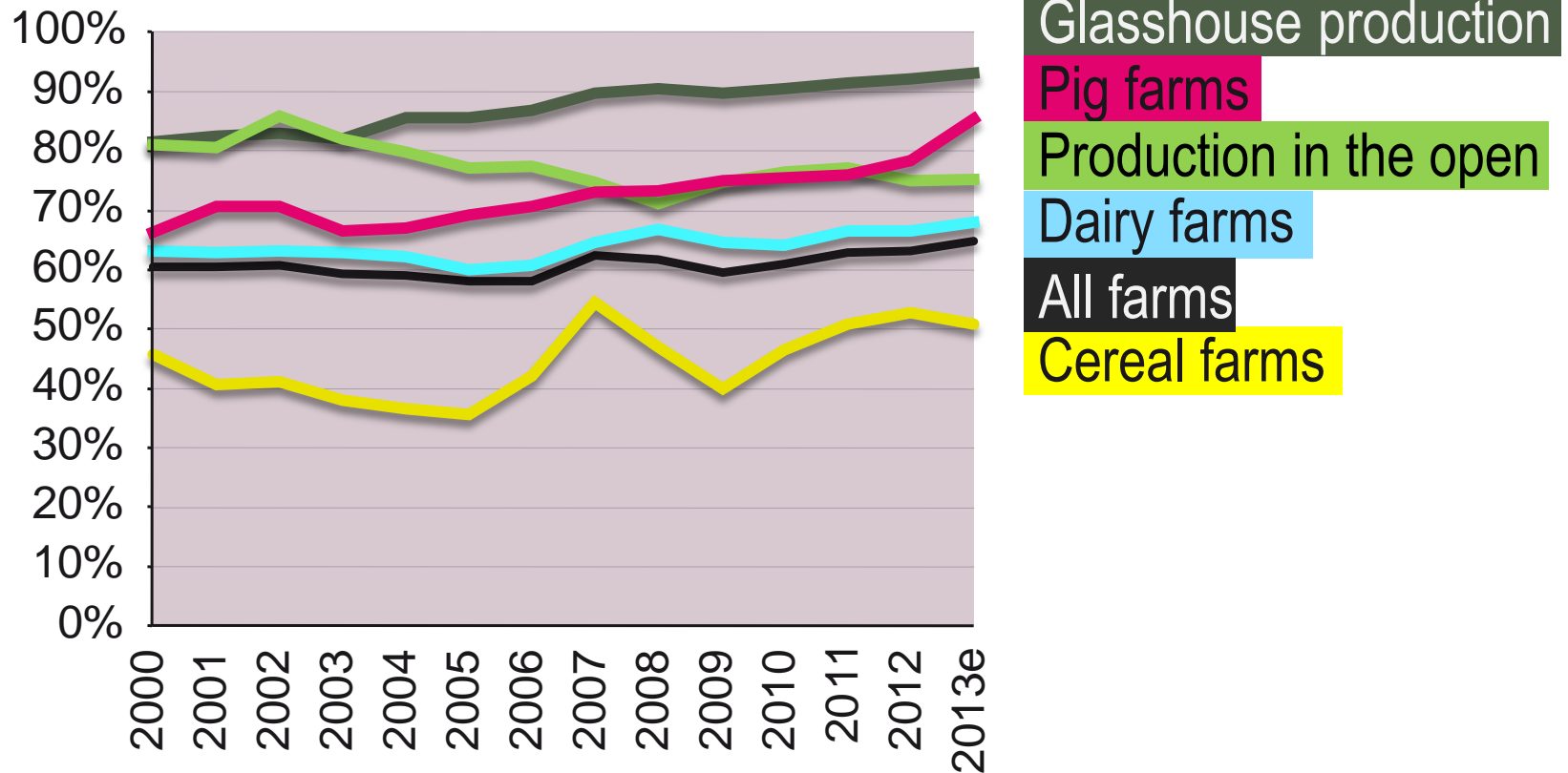
1000 €/enterprise



Result and profitability development of agriculture and horticulture in 2000–2013e



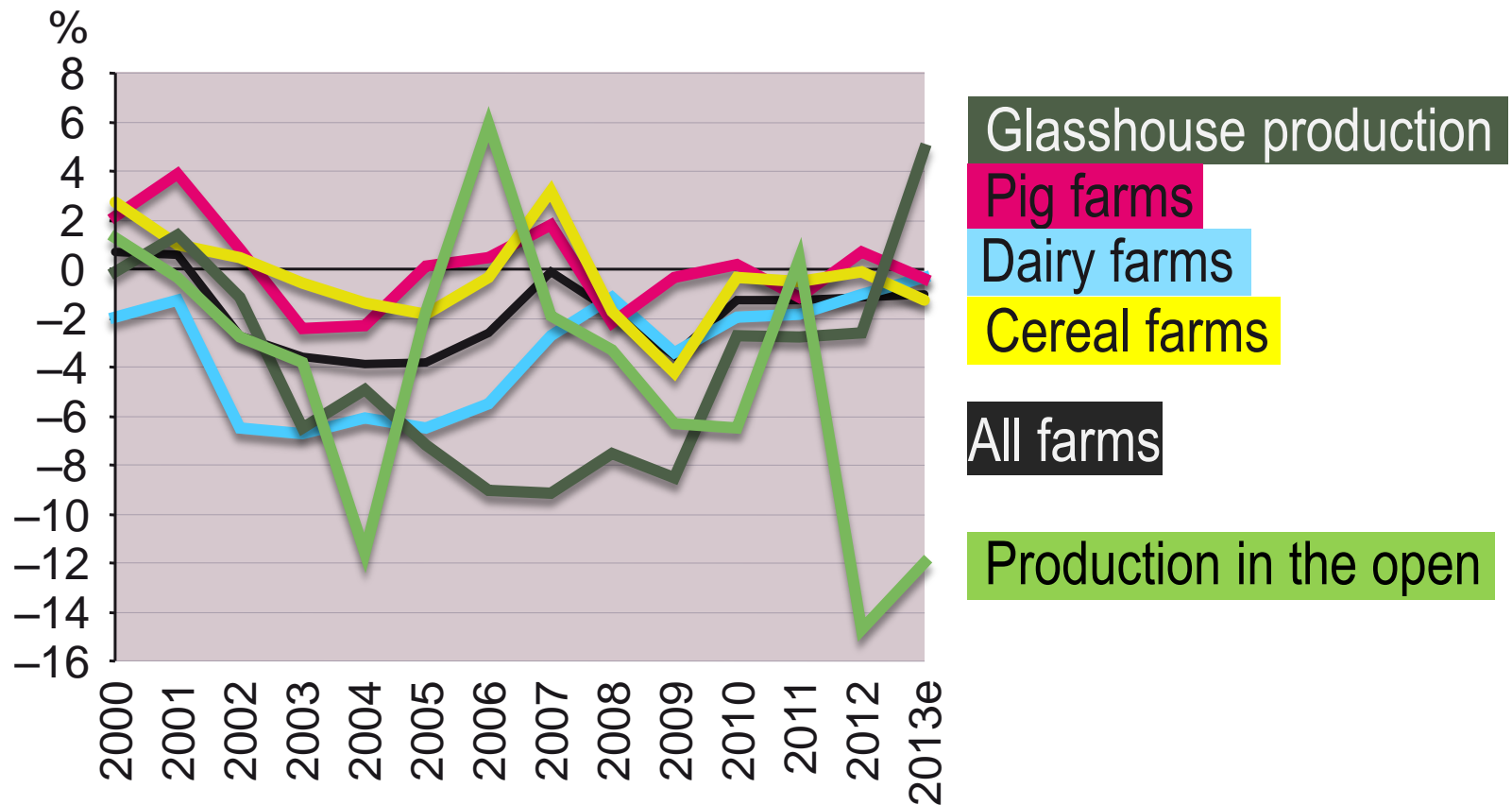
- Sales proceeds of total return



Result and profitability development of agriculture and horticulture in 2000–2013e



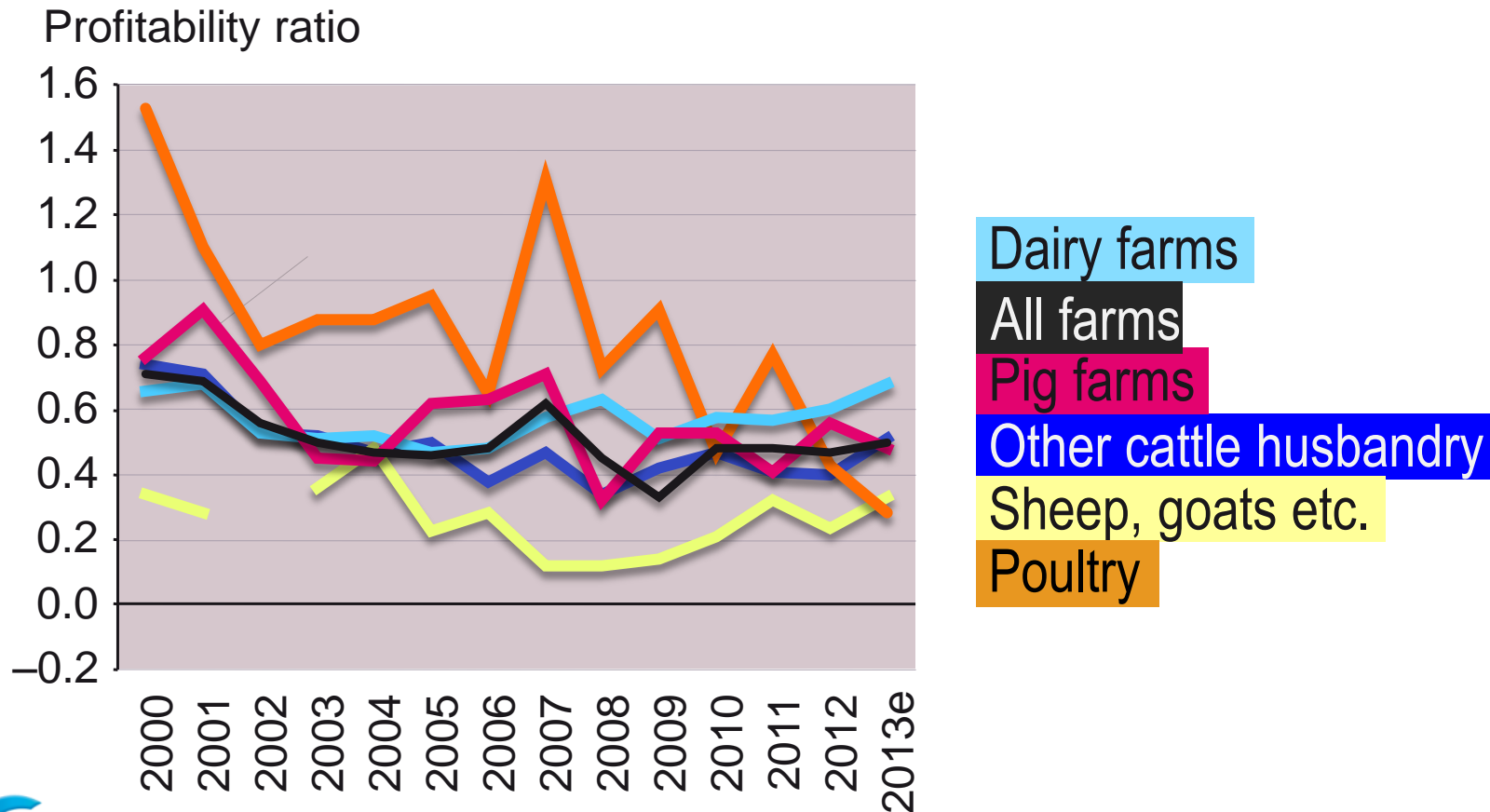
- Return on total assets



Result and profitability development of agriculture and horticulture in 2000–2013e



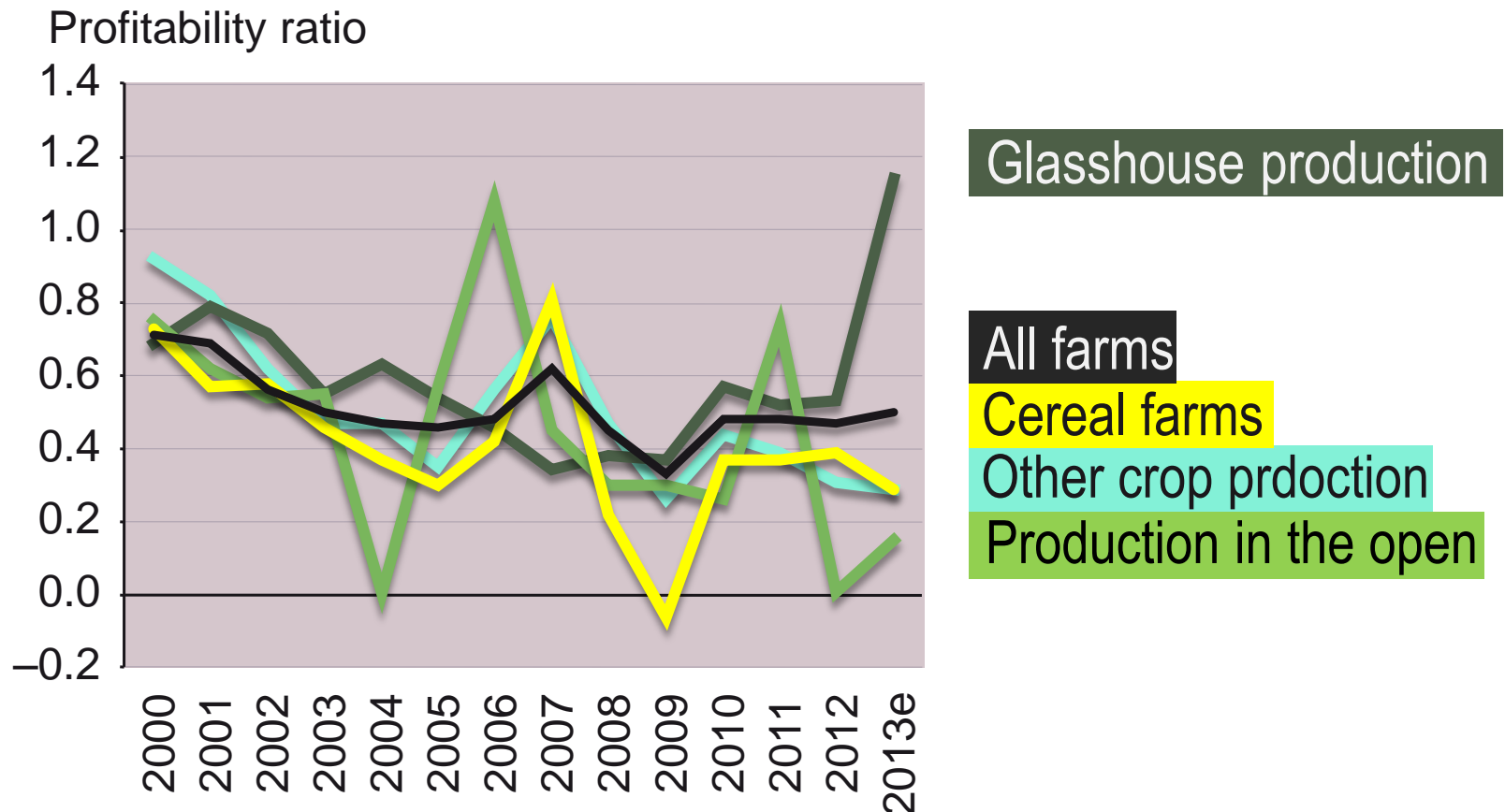
- Profitability ratio by production types



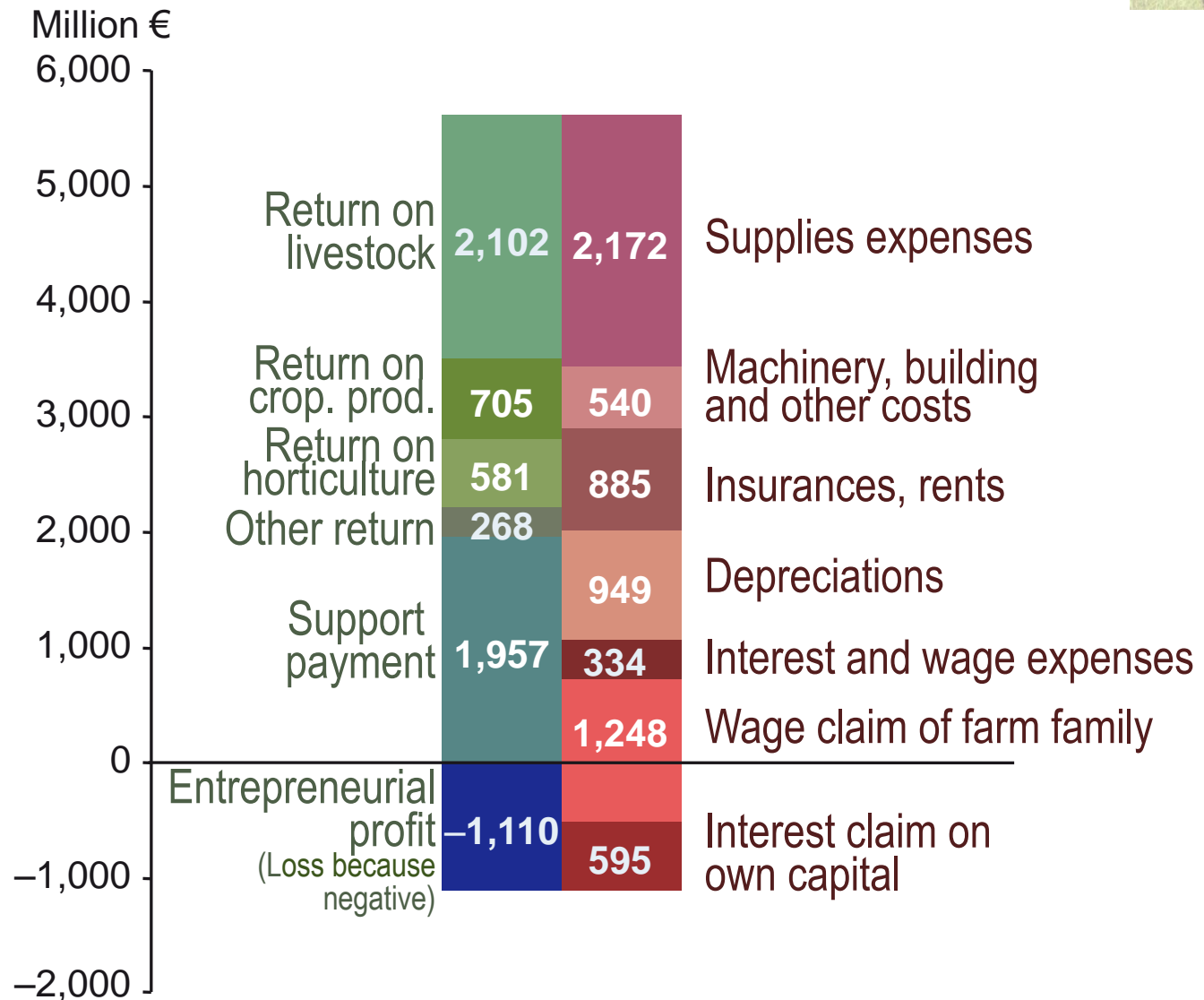
Result and profitability development of agriculture and horticulture in 2000–2013e



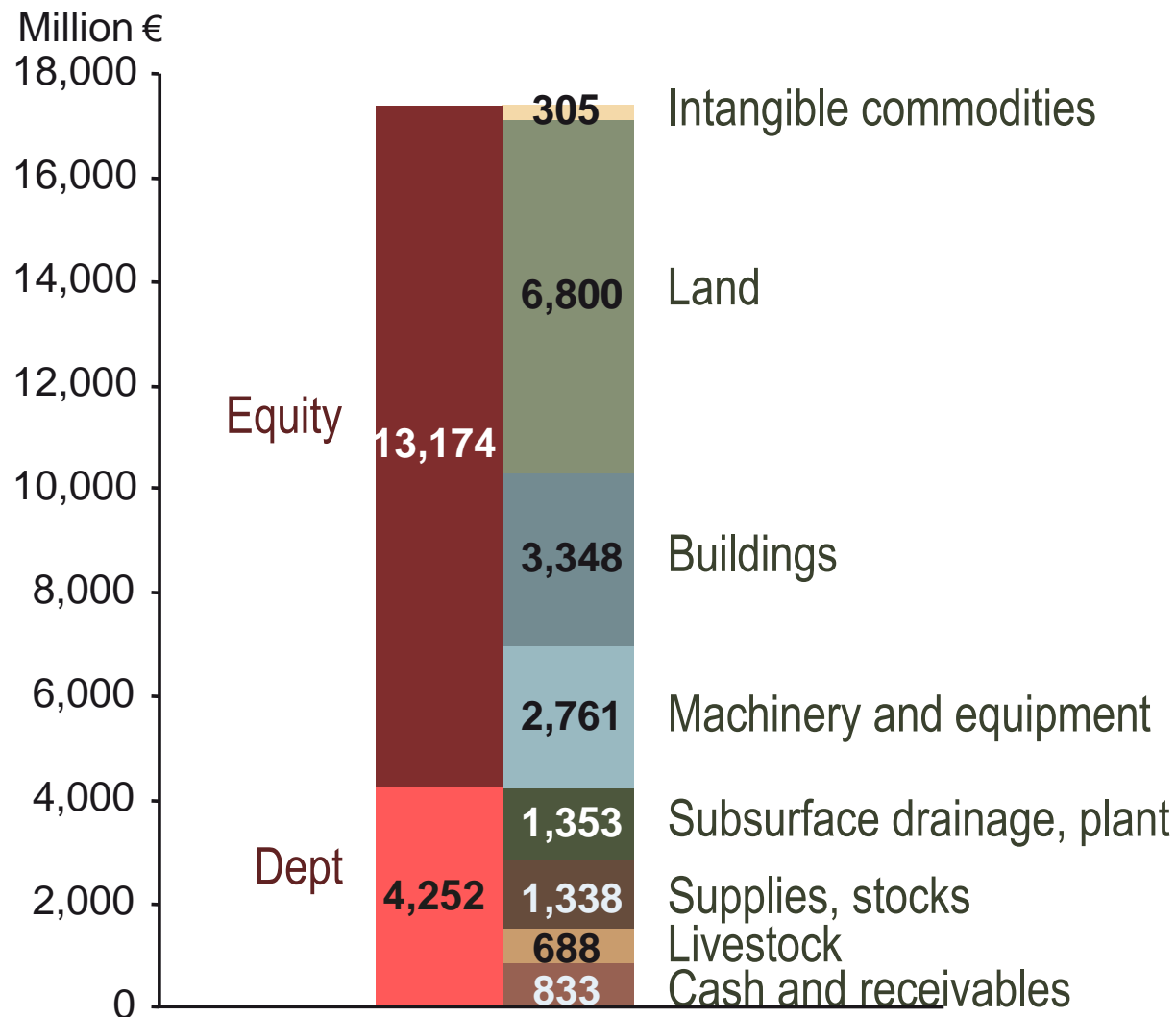
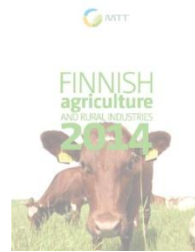
- Profitability coefficient by production types



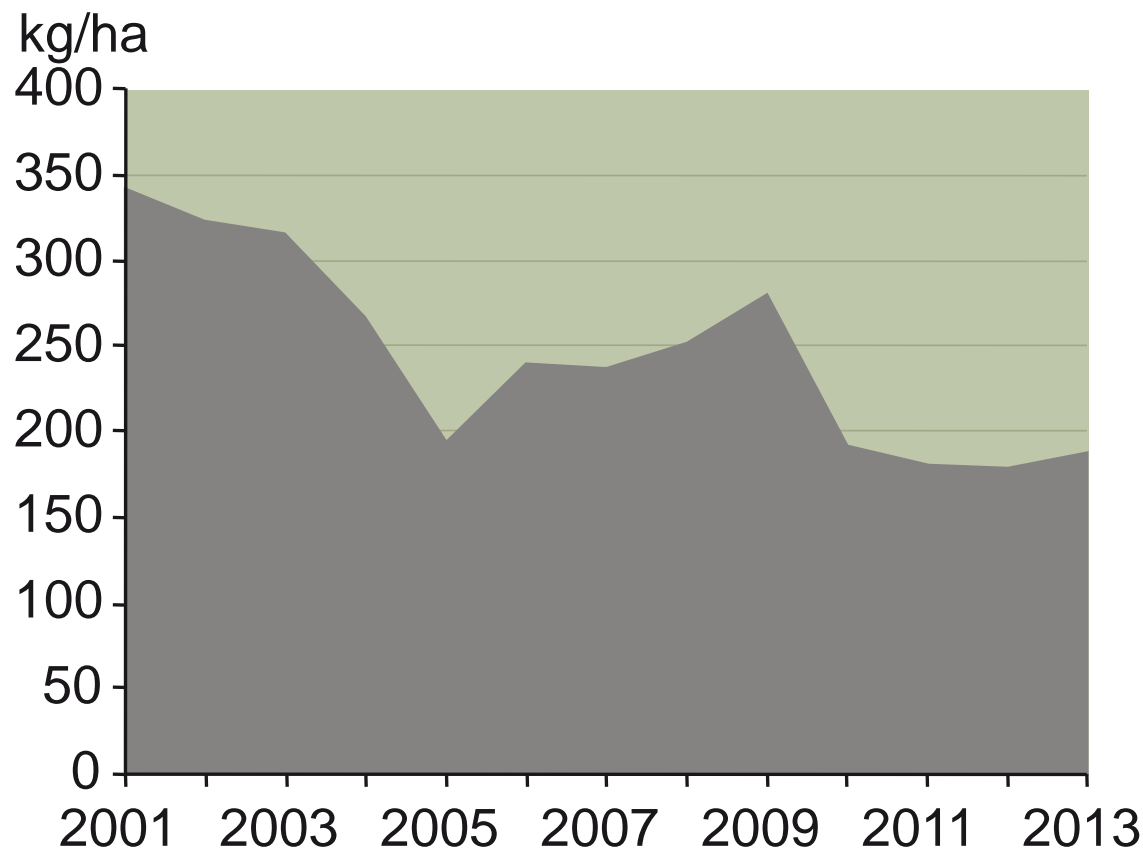
Specification of return and costs of agriculture and horticulture 2013e



Balance sheet of agriculture and horticulture 2013e

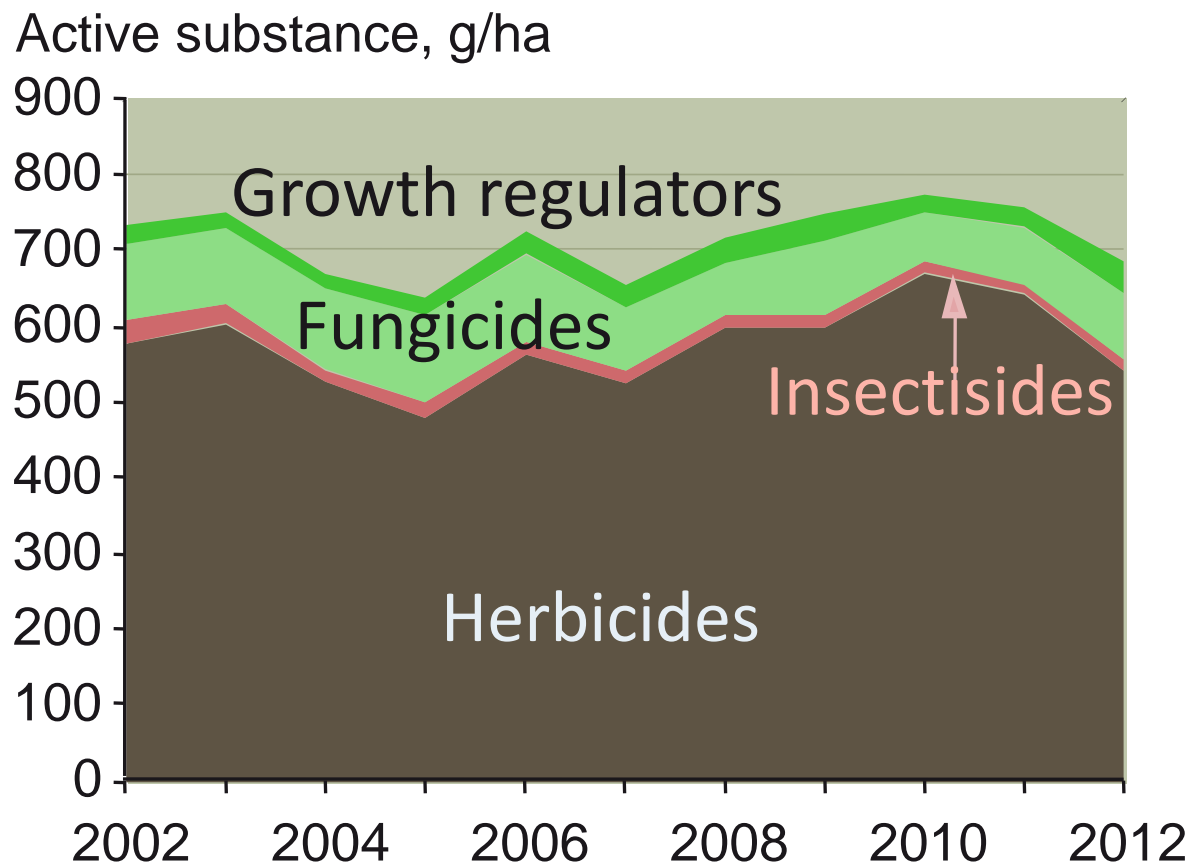


Quantities of land improvement lime used (kg/ha)



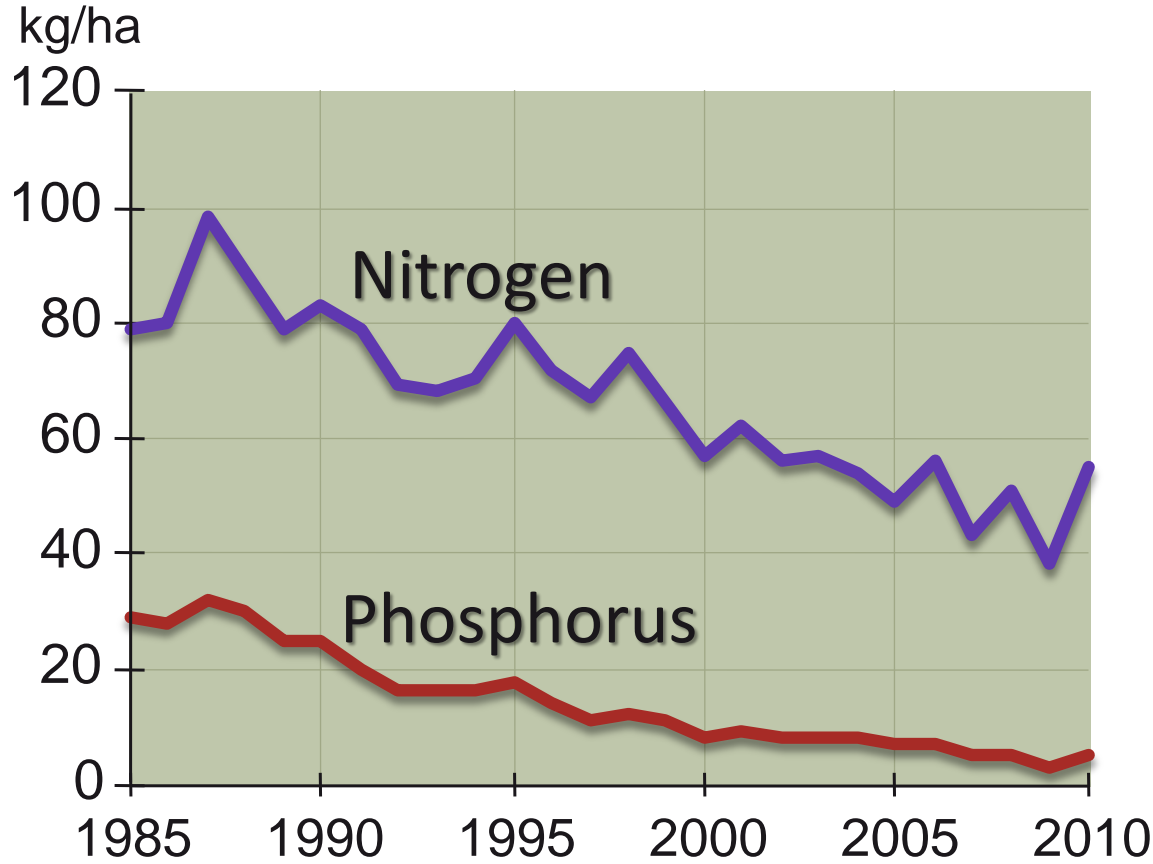
Source: Information Centre of the Ministry of Agriculture and Forestry

Use of pesticides (active substance g/ha)

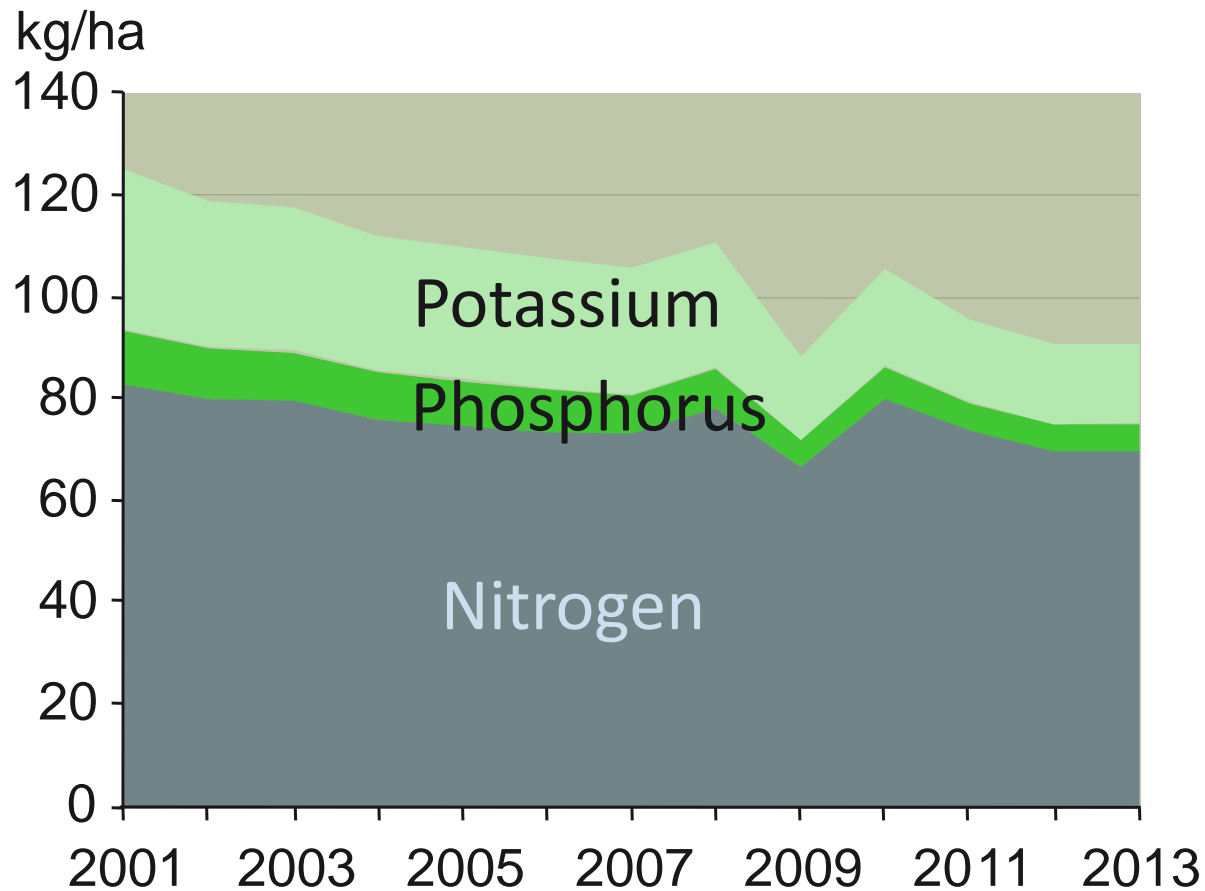


Source: Information Centre of the Ministry of Agriculture and Forestry

Surpluses of nutrient balances (kg/ha)



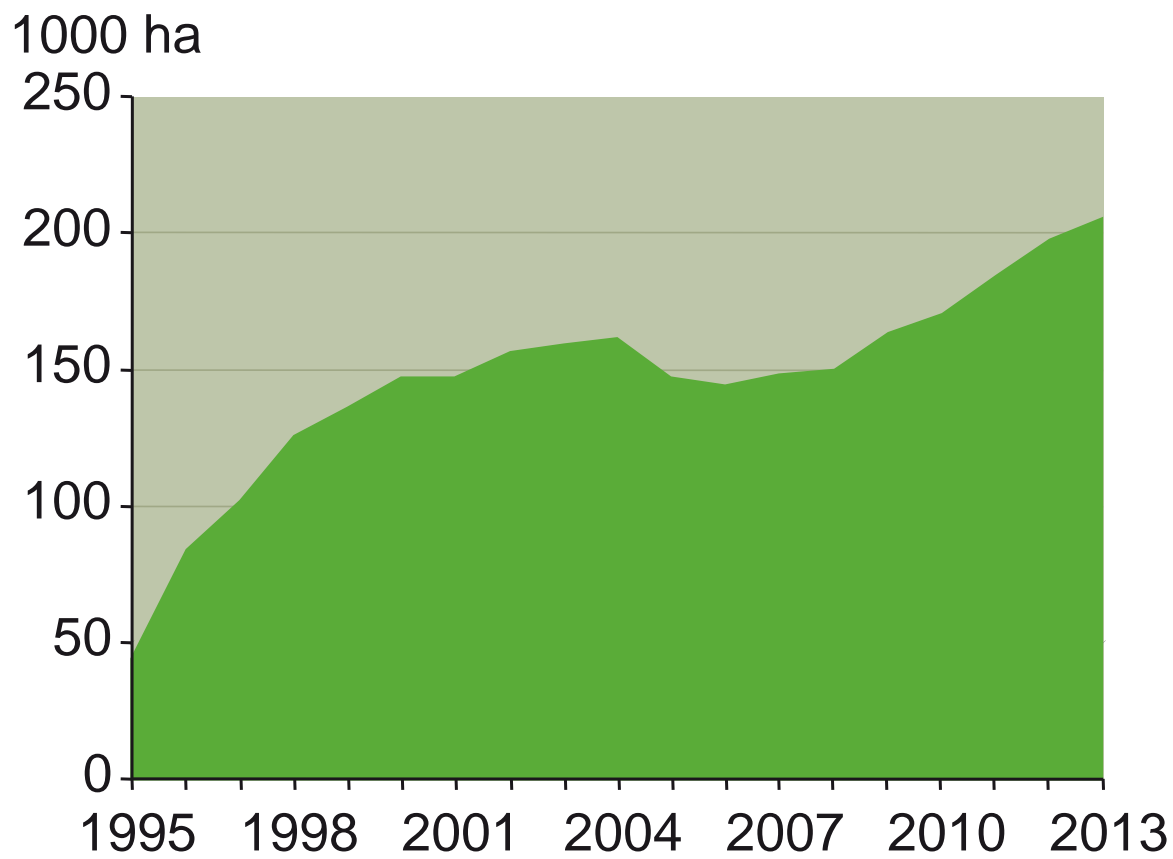
Use of fertilizers (kg/ha)



Source: Information Centre of the Ministry of Agriculture and Forestry



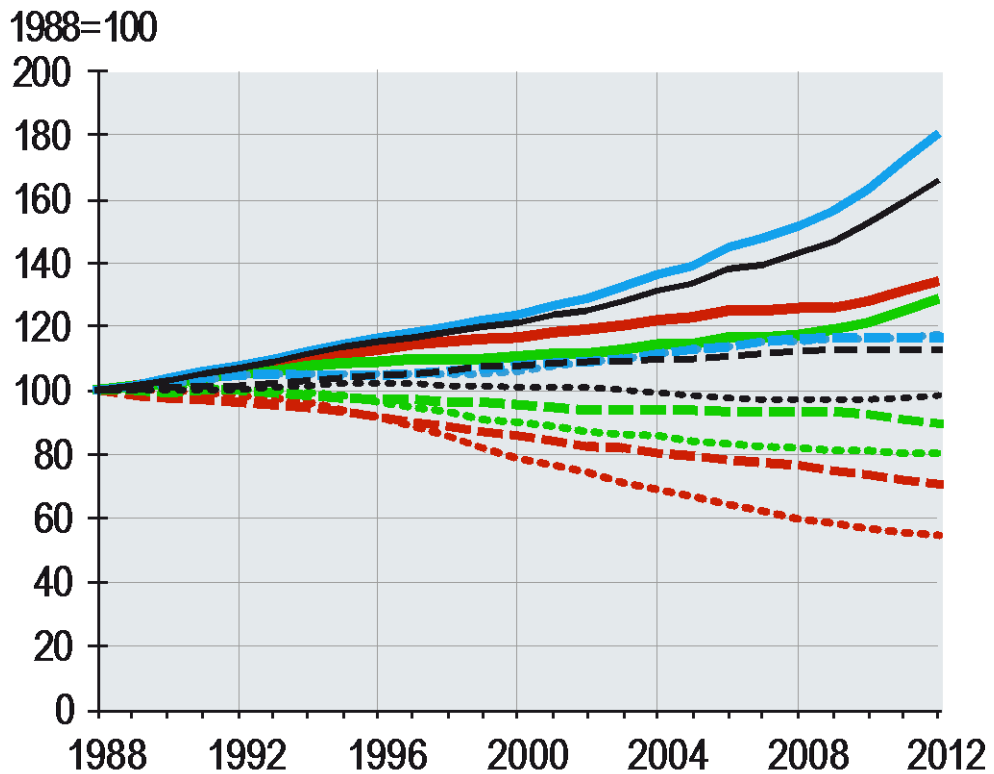
Organic production in 1995–2013 (1000 ha)



Source: Information Centre of the Ministry of Agriculture and Forestry



Distribution of the population by age categories in different types of municipalities in 1988–2012



Towns

- Aged 0–14
- Aged 15–64
- Aged 65+

Rural heartland

- Aged 0–14
- Aged 15–64
- Aged 65+

Urban-adjacent rural

- Aged 0–14
- Aged 15–64
- Aged 65+

Sparsely populated rural

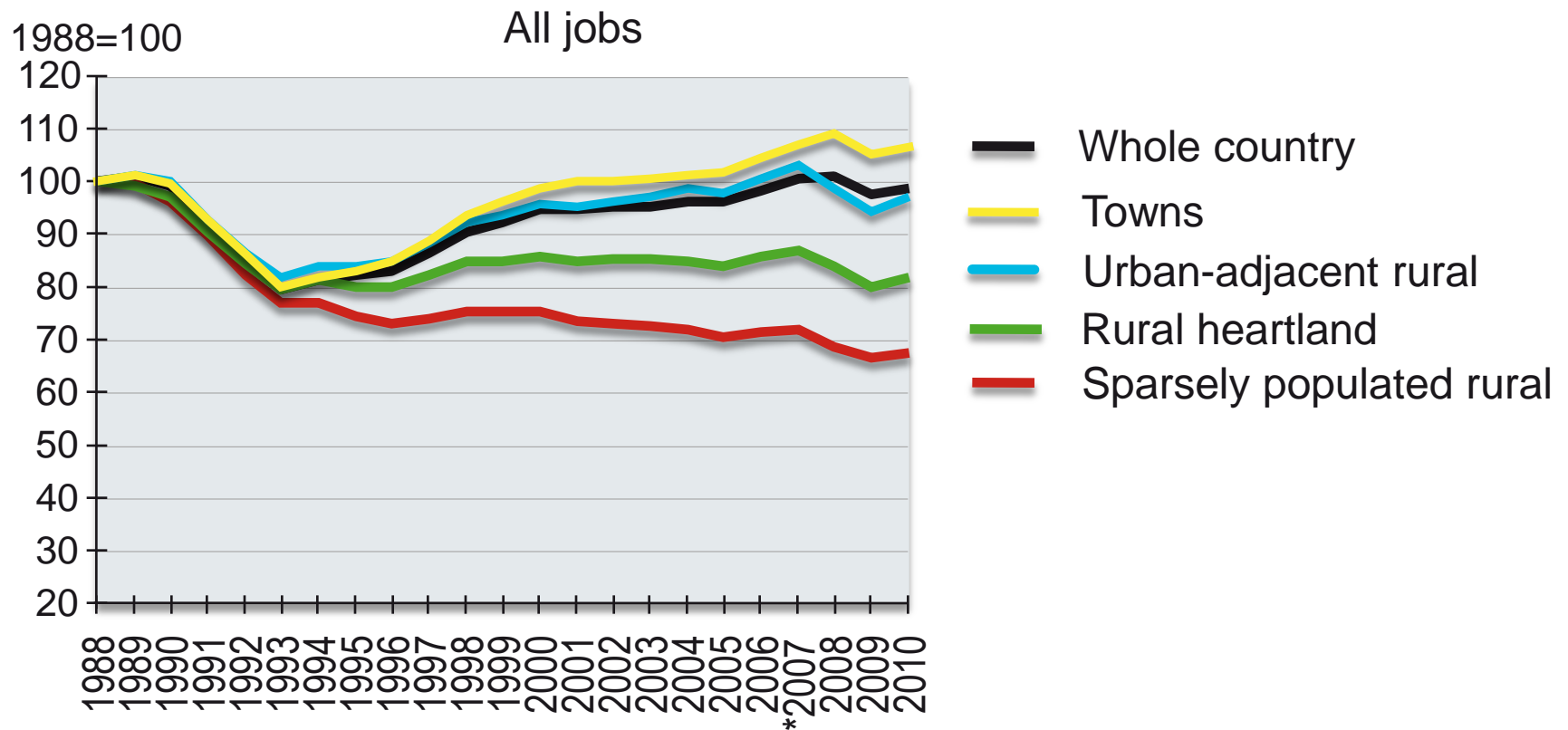
- Aged 0–14
- Aged 15–64
- Aged 65+

Population per age and gender group between rural types in 1988 and 2012



Source of raw data: Rural indicators of the Statistics Finland

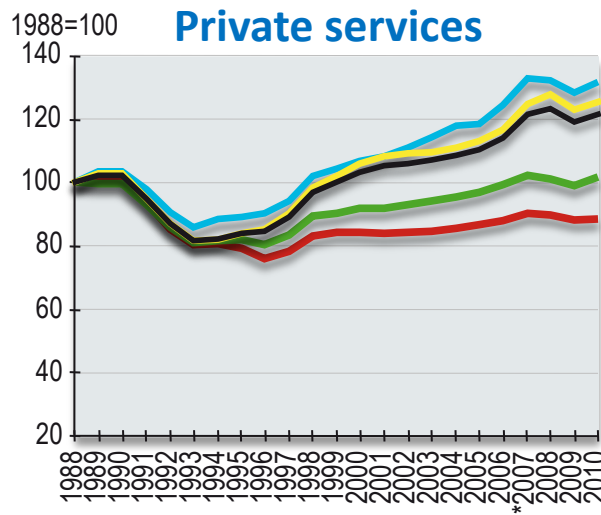
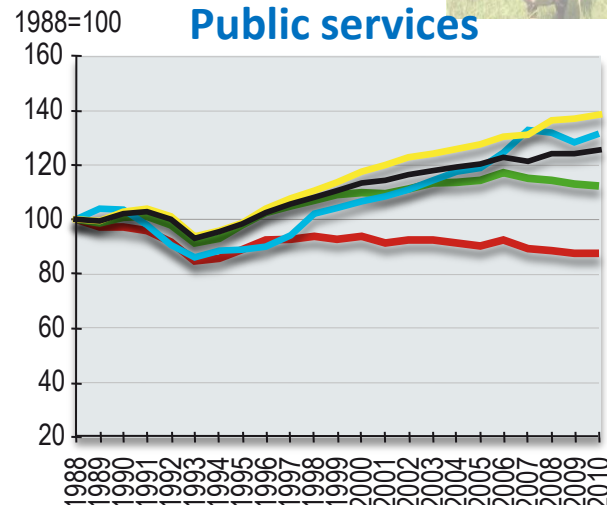
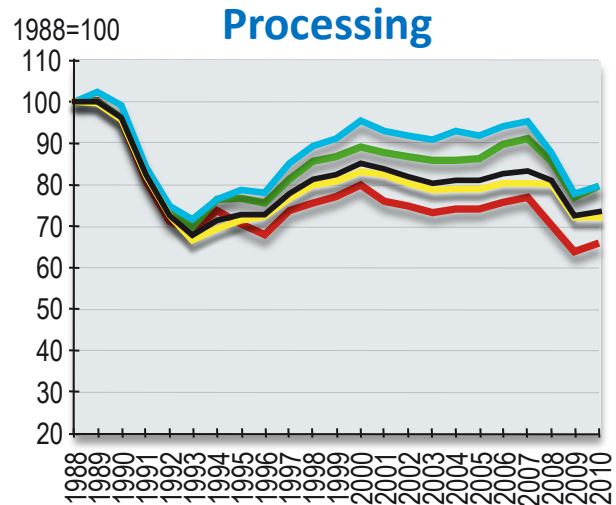
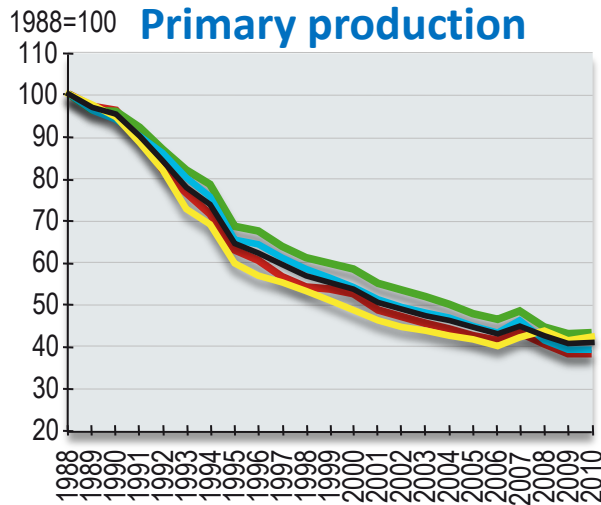
Relative change in the number of jobs per rural type in 1988–2010 in Finland



The 1988 index is 100. Based on the 2010 municipal division.

* the numbers before 2007 are based on TOL2002 classification and those after 2007 on TOL2008.

Development of the number of jobs by types of municipalities in 1988–2010



- Whole country
- Towns
- Urban-adjacent rural
- Rural heartland
- Sparsely populated rural

Index for 1988 is 100, division of municipalities of 2010

* the numbers before 2007 are based on TOL2002 classification and those after 2007 on TOL2008.



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