



100 years with Danish Farm results

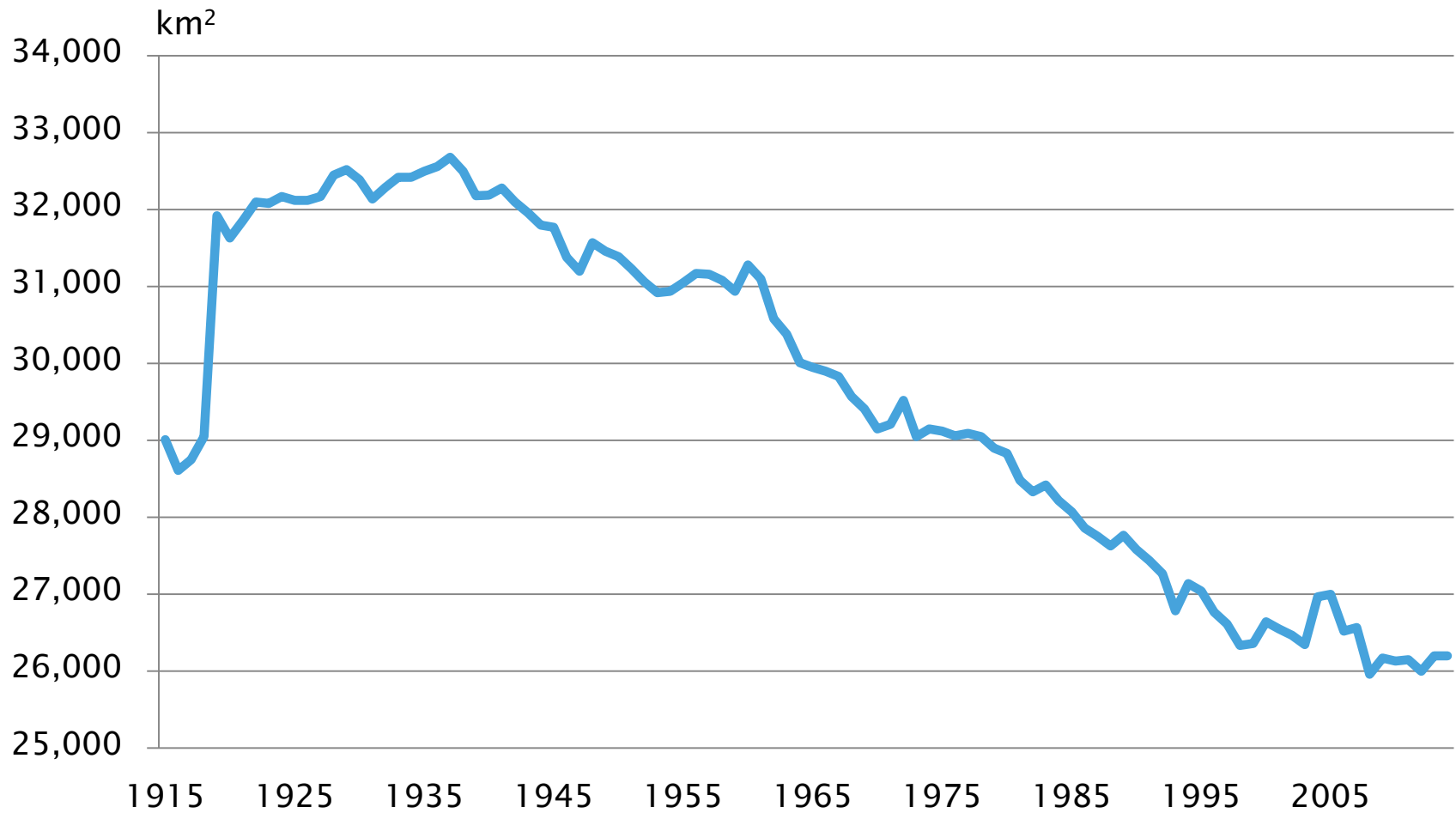
25th Pacioli workshop, Elsinore (Helsingør) - Denmark
Henrik Bolding Pedersen

Main organization of the statistics

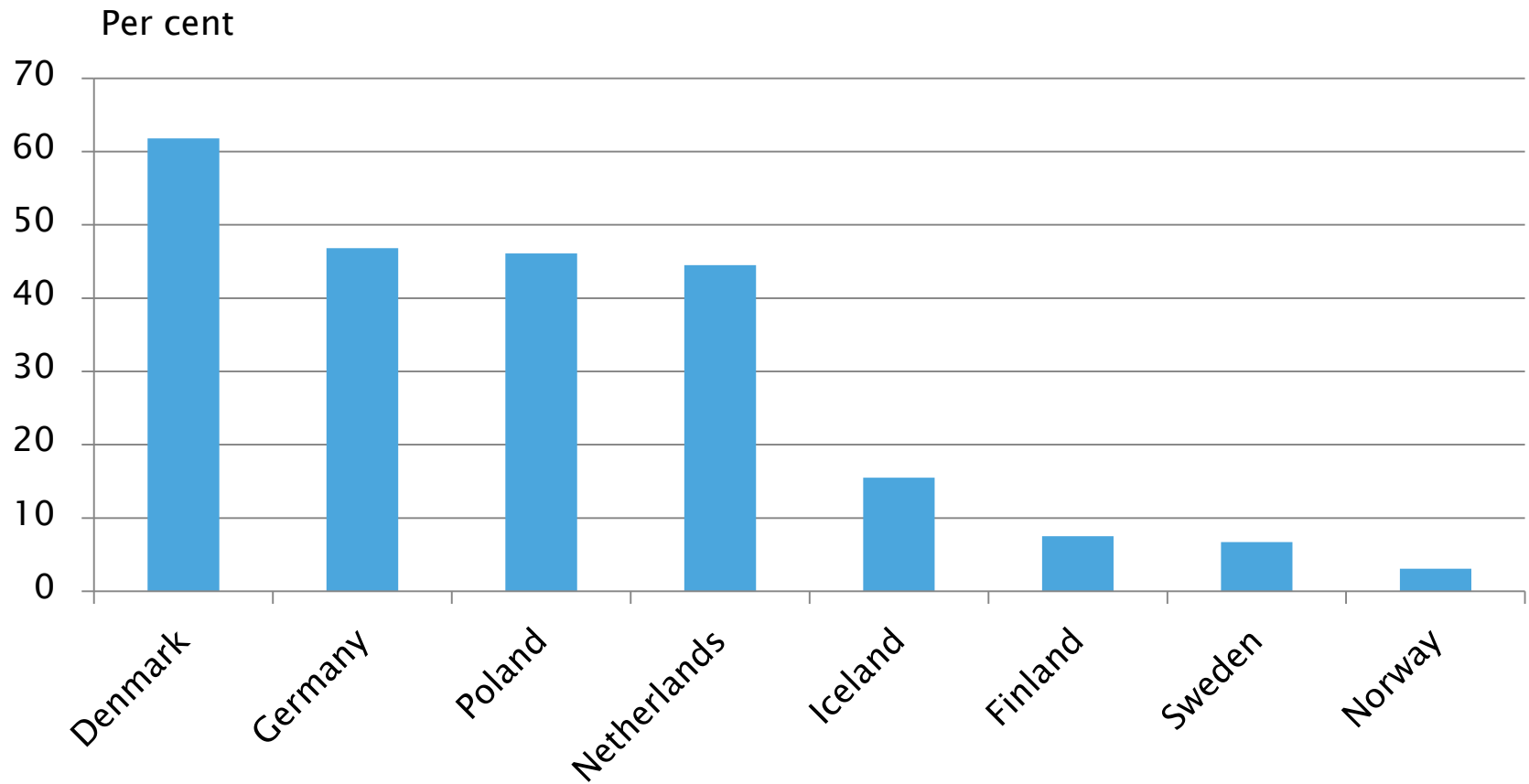
- 1918 ***The Bureau of Agricultural Economics*** is founded
- 1978 Major change as the ***National Institute of Agricultural and Fisheries Economics*** was founded and organized within the Ministry of Agriculture
- 2004 Merger between ***National Institute of Agricultural and Fisheries Economics*** and two institutes at the Royal Agricultural University
- 2007 Merger between the Royal Agricultural University and University Of Copenhagen
- 2007 Government decision to gather all official Agricultural Statistics at Statistics Denmark
- 2009 Account Statistics for agriculture, fisheries and aquaculture moved to Statistics Denmark (incl. FADN)



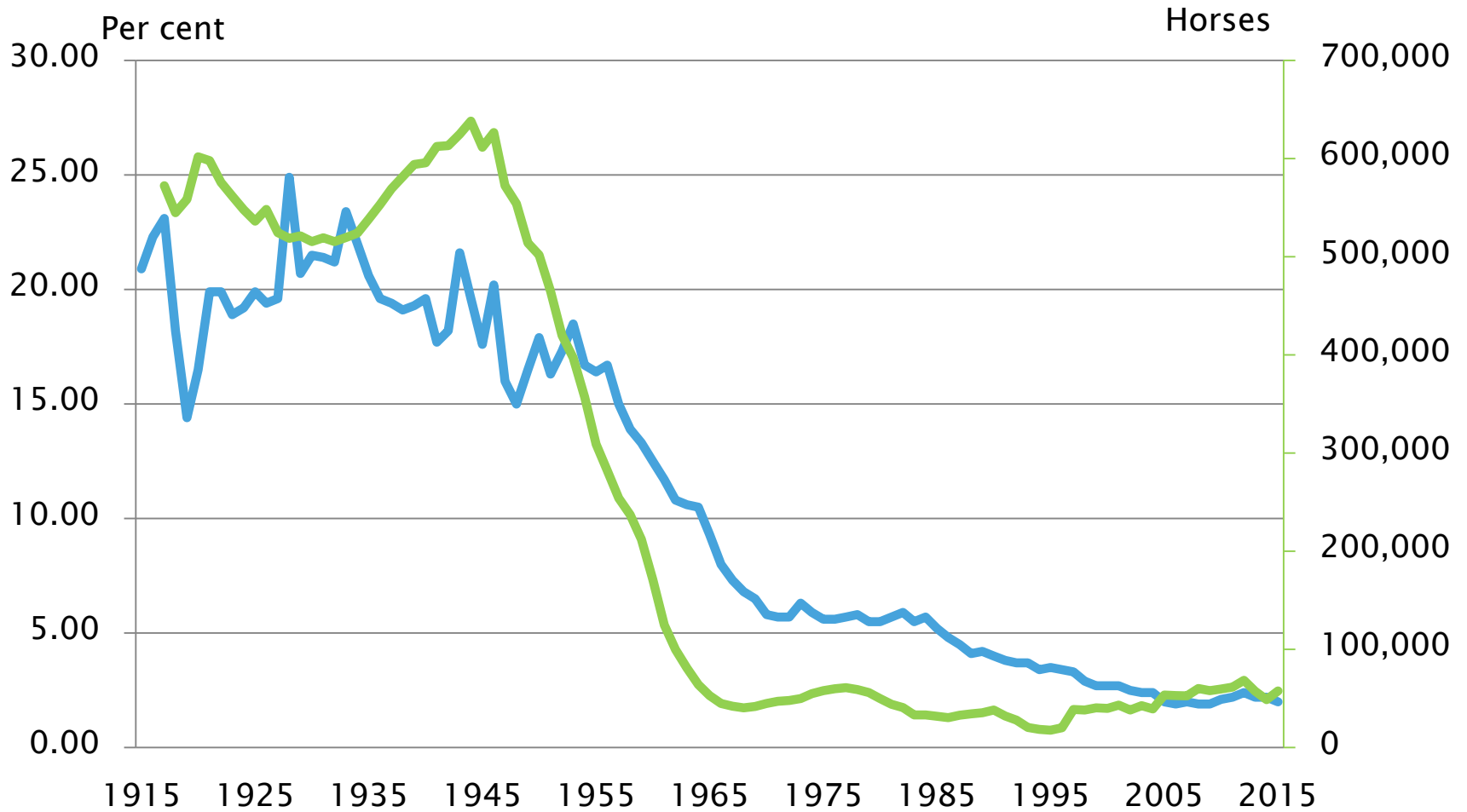
Agricultural area



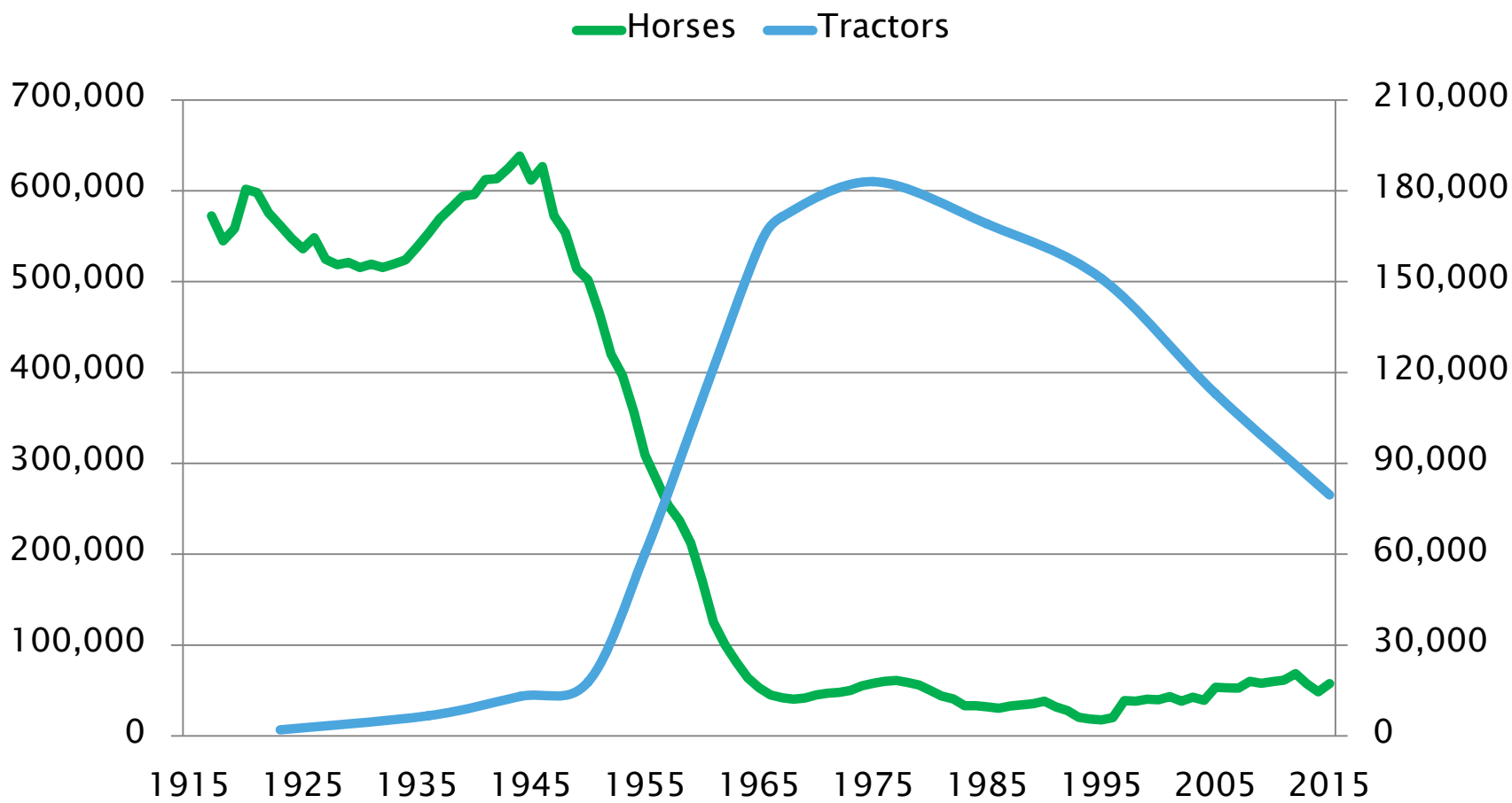
Agricultural share of area



Agricultural share of Gross Domestic Product

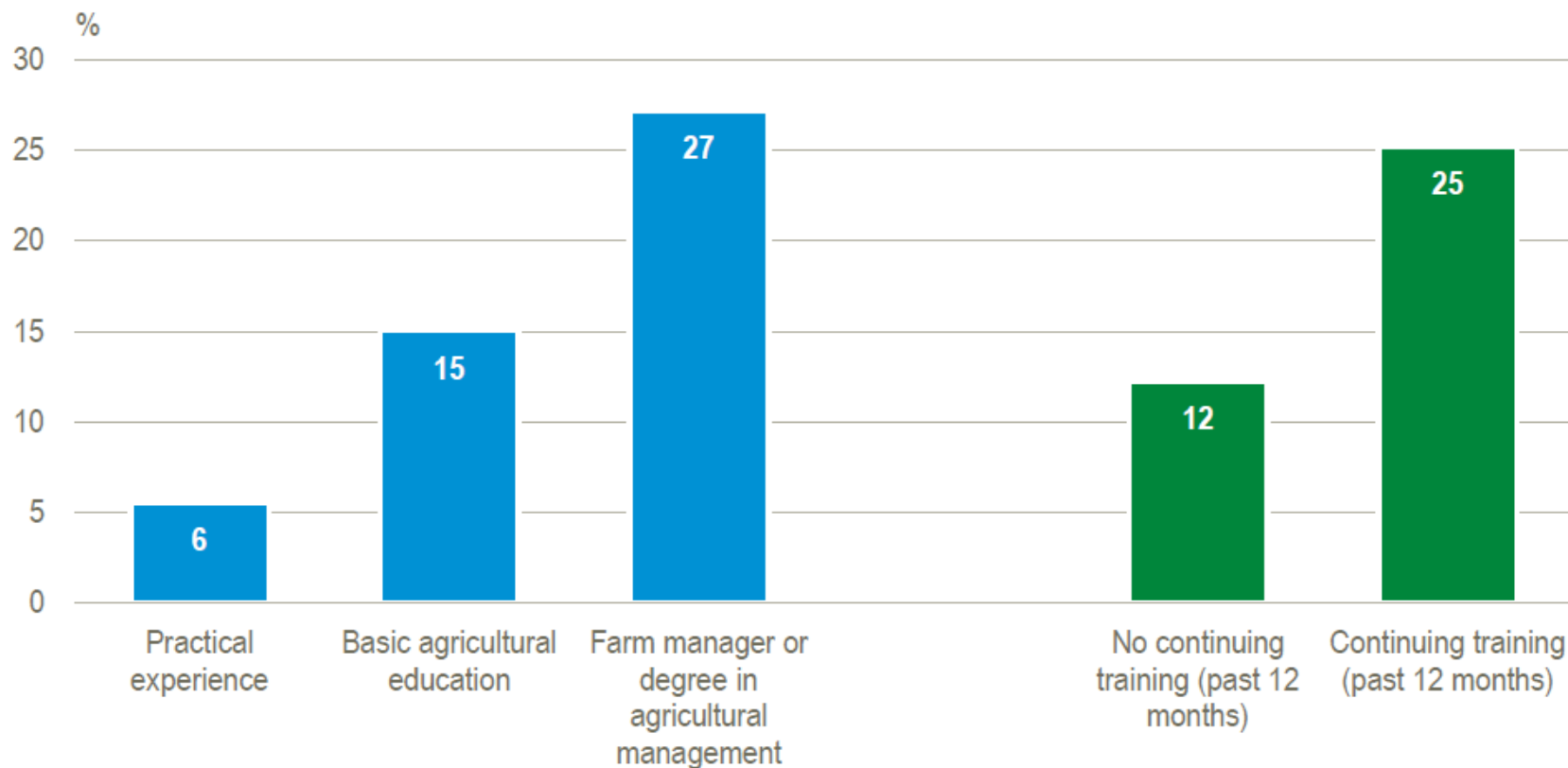


Census data on tractors and horses

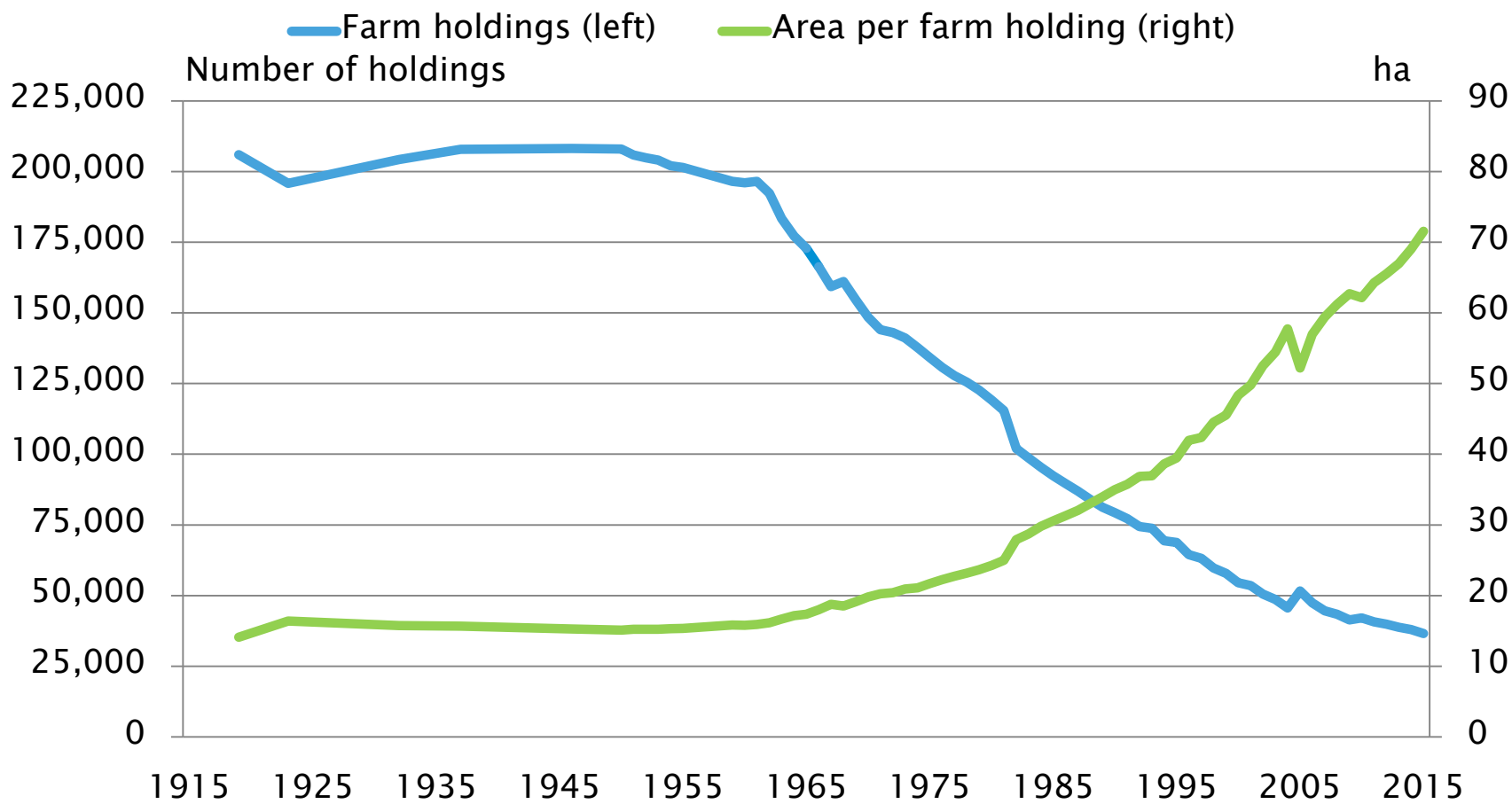


Precision farming – 2016 data

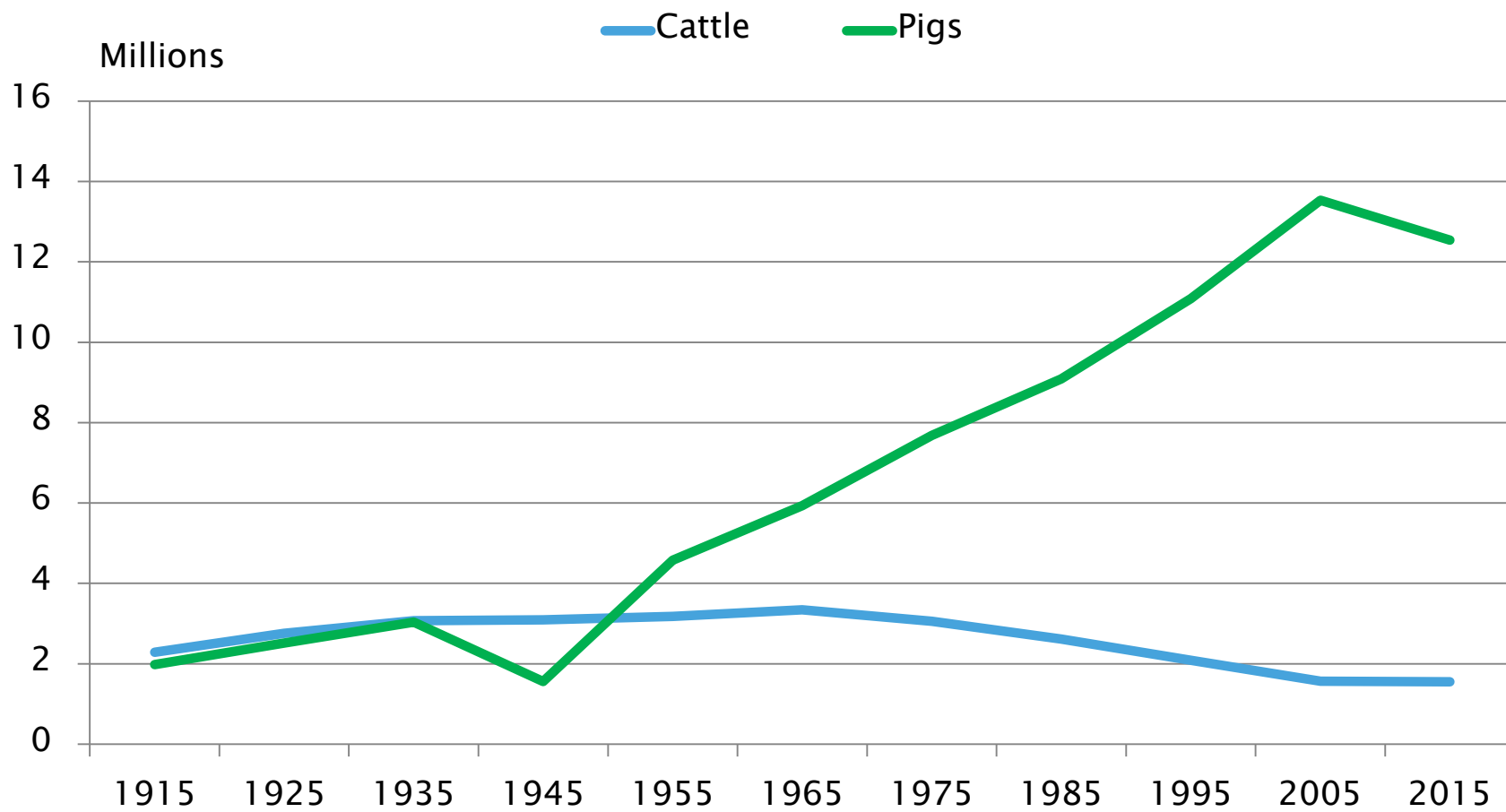
Use of RTK-GPS - by level of education of farmer - highest level - recent continuing training



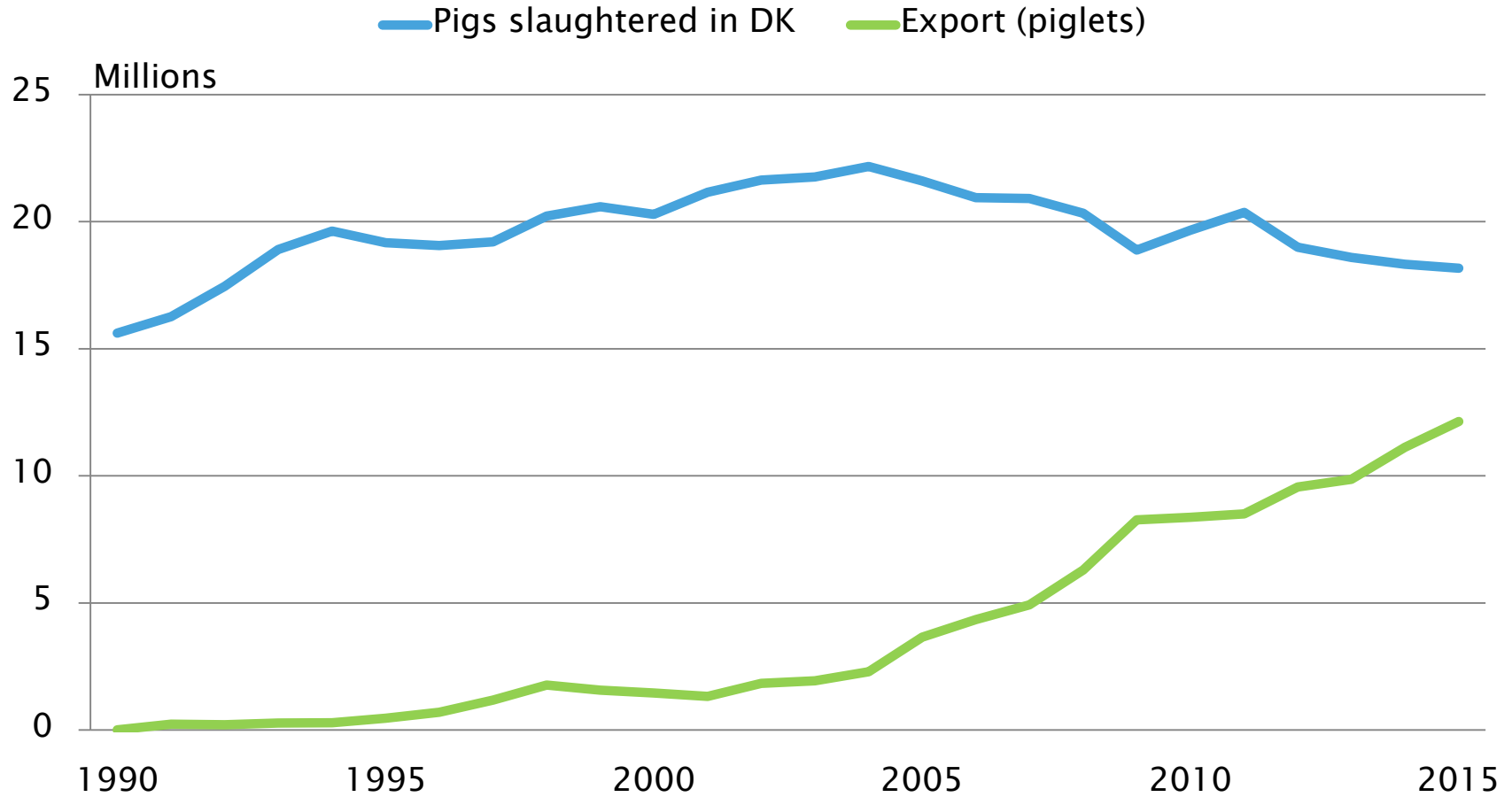
Farms and farm size



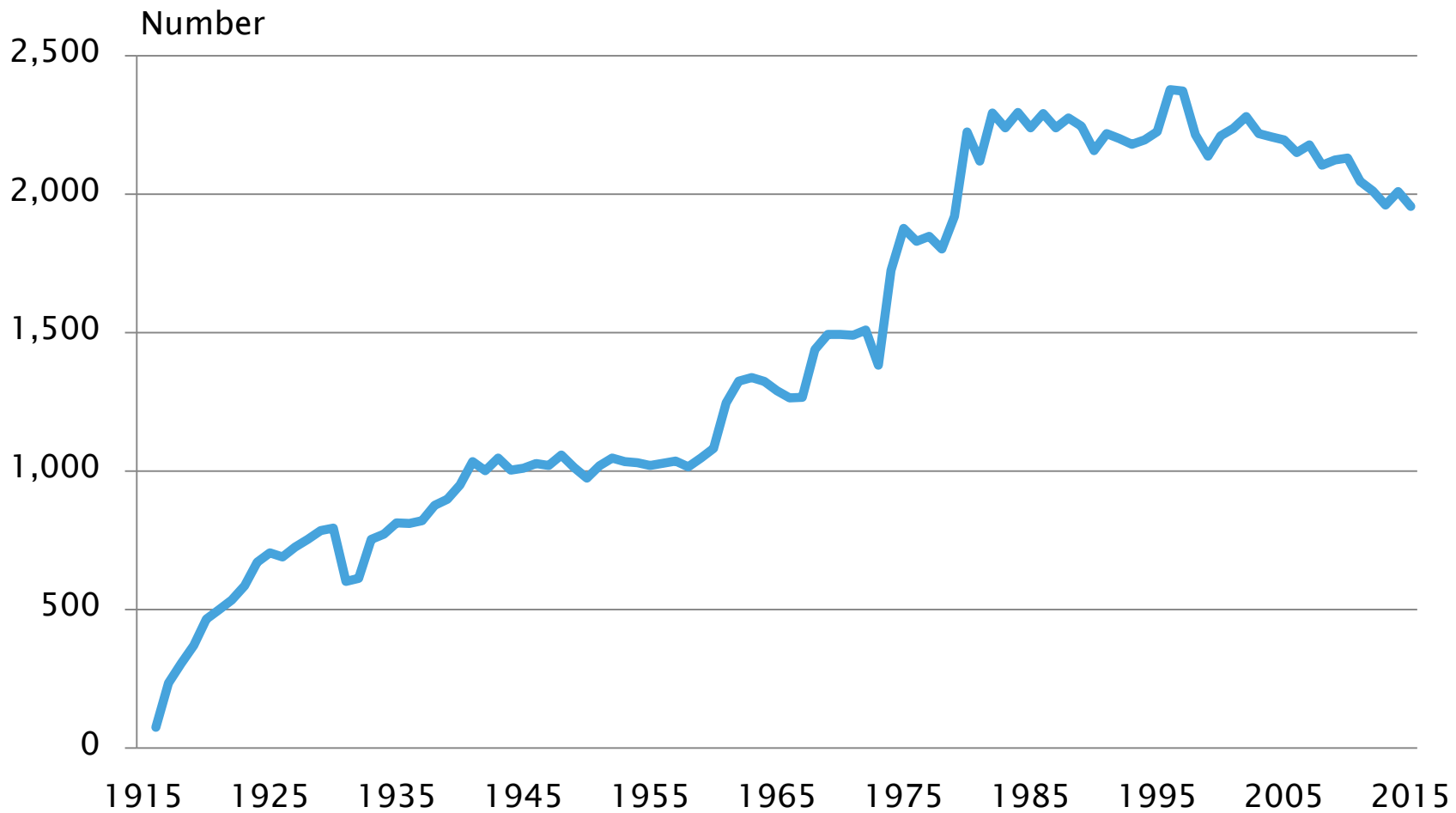
Census-data, cattle and pigs



Pigs, slaughtered in Denmark, exported



Sample of farm returns



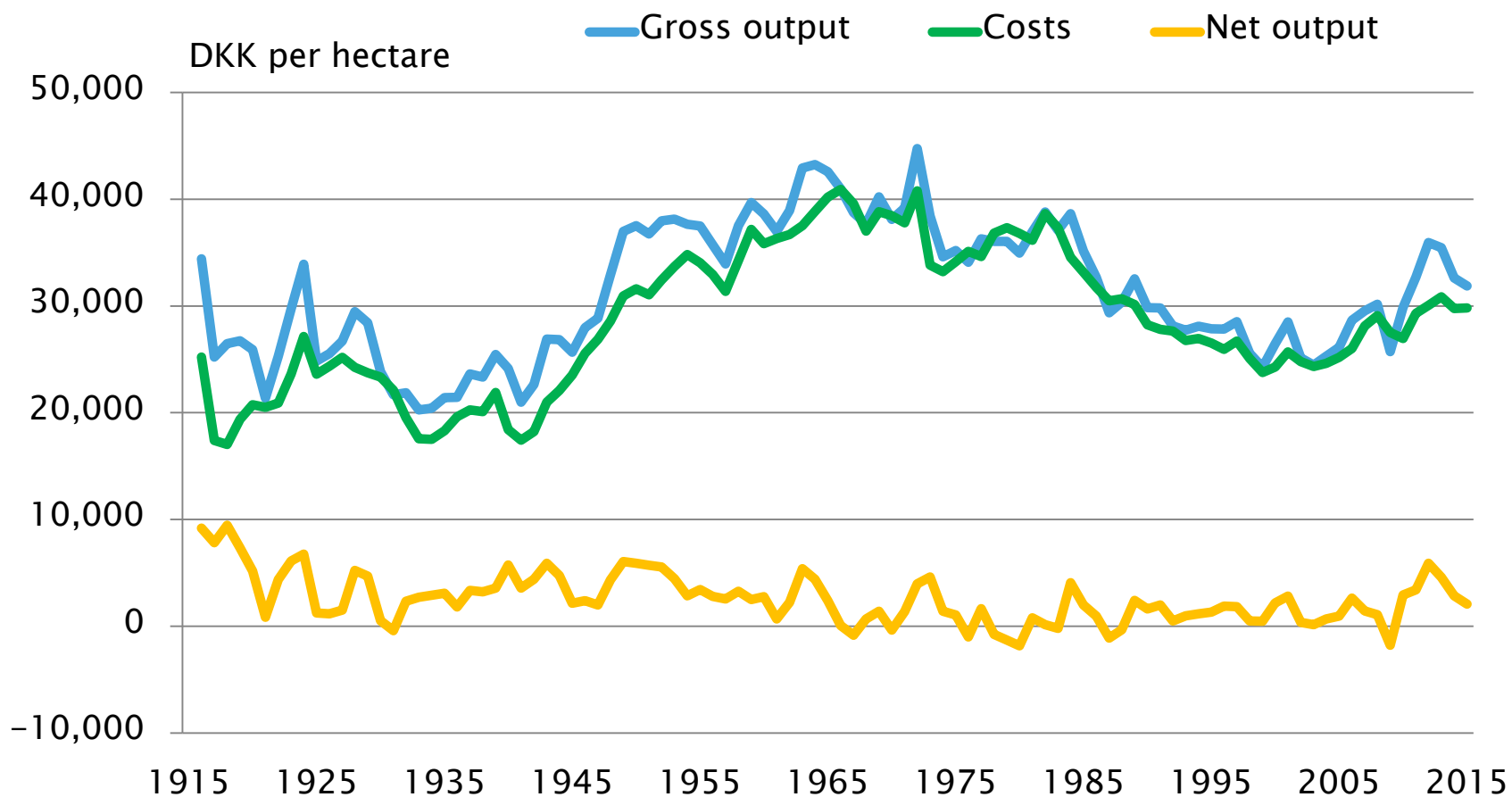
Farm account data for 100 years

- Gross Output
 - Costs (including family labour, excl. Financing)
-

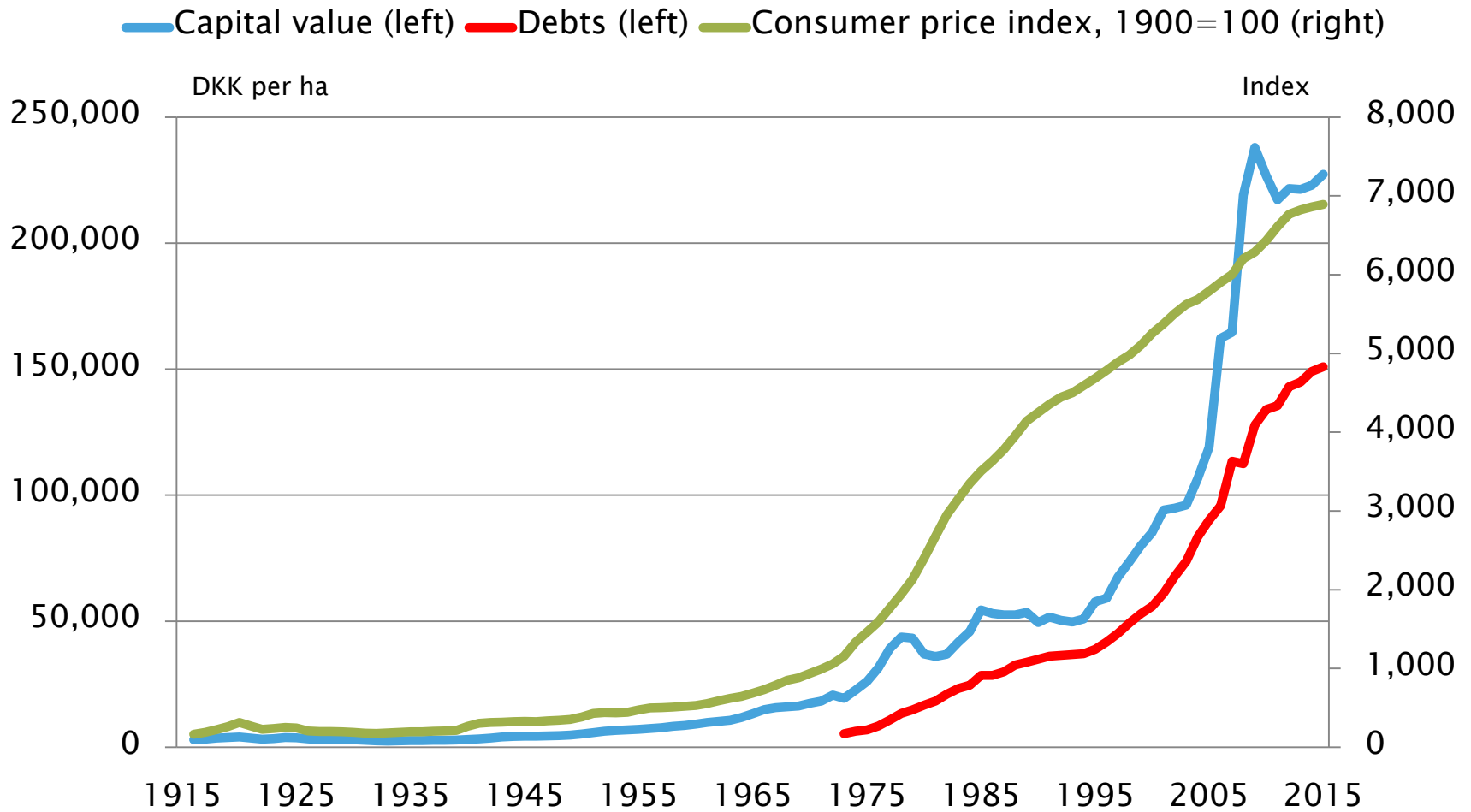
- Net Output
- Agricultural Assets (AA)
- Debts
- $\text{Net Output} * 100 / \text{AA} = \text{Rate of return (to capital)}$
- $(\text{AA} - \text{Debts}) * 100 / \text{AA} = \text{Rate of solvency}$



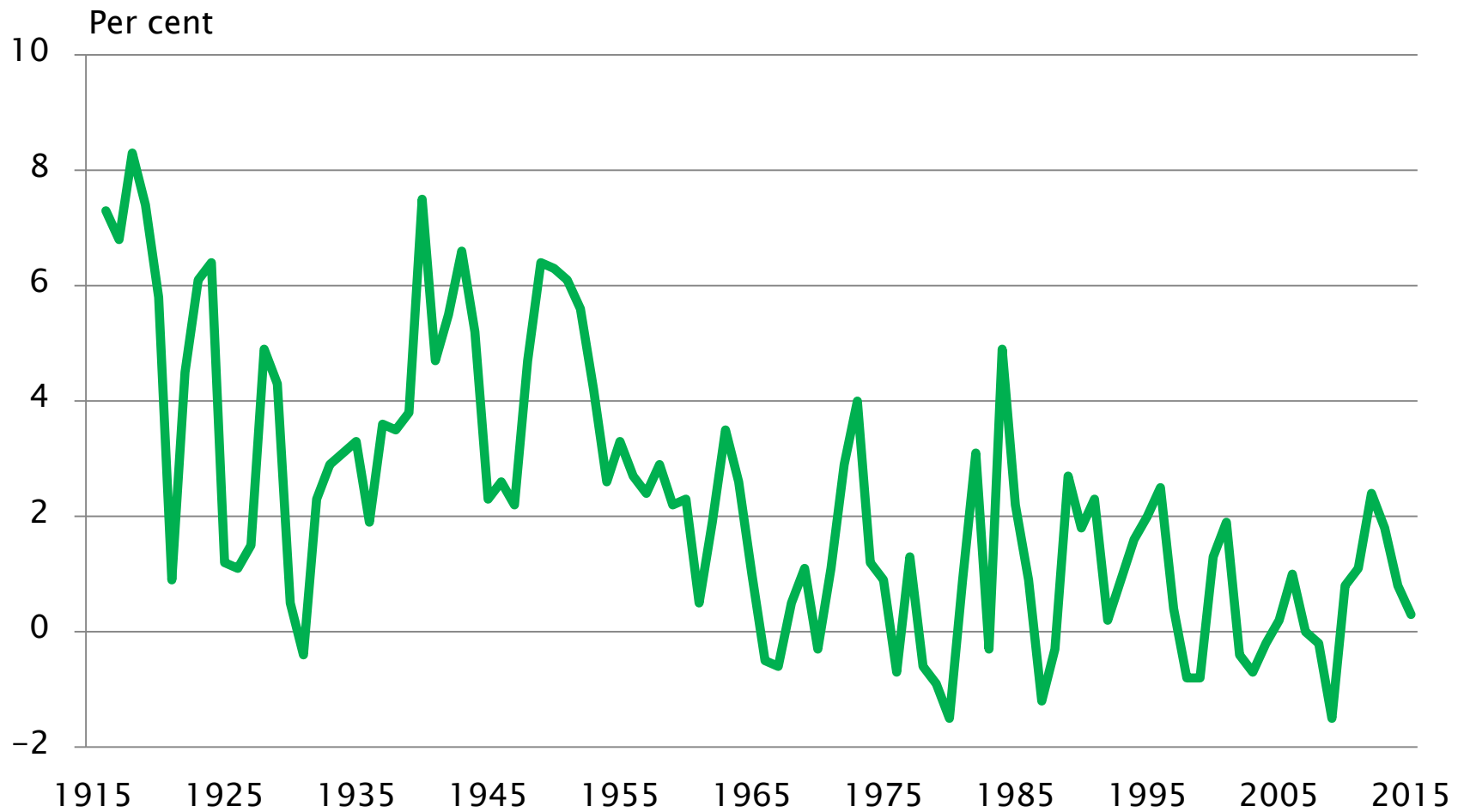
Gross output, Costs, Net output – deflated to 2015 by consumer price index



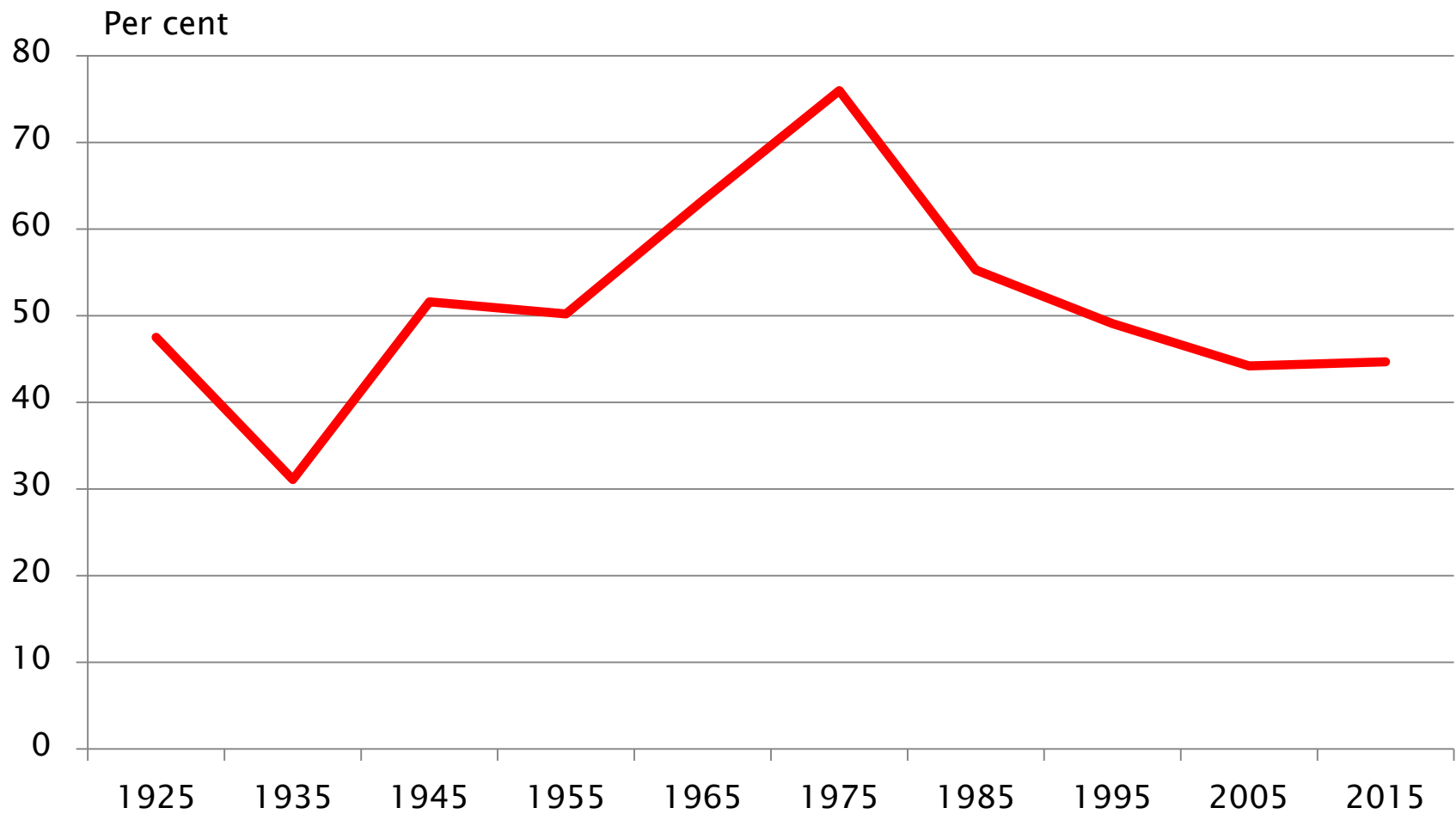
Value of agricultural capital and debt



Profitability – rate of return to capital



Rate of solvency



Types of farming



StatBank Denmark | Business sectors

JORD100: ACCOUNTS STATISTICS IN 100 YEARS BY TYPE OF FARM, UNIT AND ITEMS

Unit: -

Select Advanced selection Information

TYPE OF FARM (7)

- More options... 
- All farms (1916-2015)
 - Full time farms (1973-2015)
 - Full time farms with dairy cattle (1973-2015)
 - Full time farms with pigs (1973-2015)
 - Full time farms with furred animals (1997-2015)
 - Full time farms with crops (1973-2015)
 - Part time farms (1973-2015)
- 

UNIT (2)

- More options...
- Per hectare (DKK)
 - Per farm (DKK 1,000)



Thank you for the attention!

