

Czech agriculture from the perspective of FADN

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Institute of Agricultural Economics and Information

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Content

Czech agriculture

Description of FADN CZ



INSTITUTE OF AGRICULTURAL
ECONOMICS AND INFORMATION



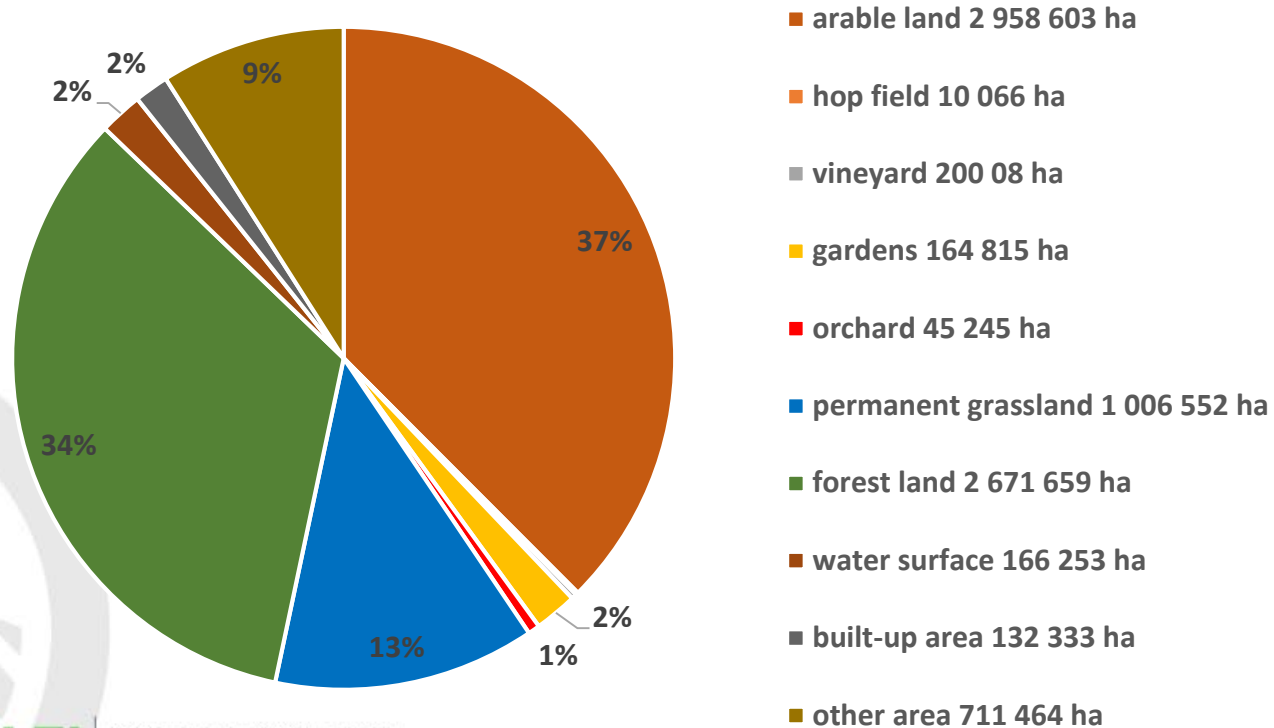
FADN

FARM ACCOUNTANCY DATA NETWORK CZ
LIAISON AGENCY FADN CZ

Land structure in the Czech Republic

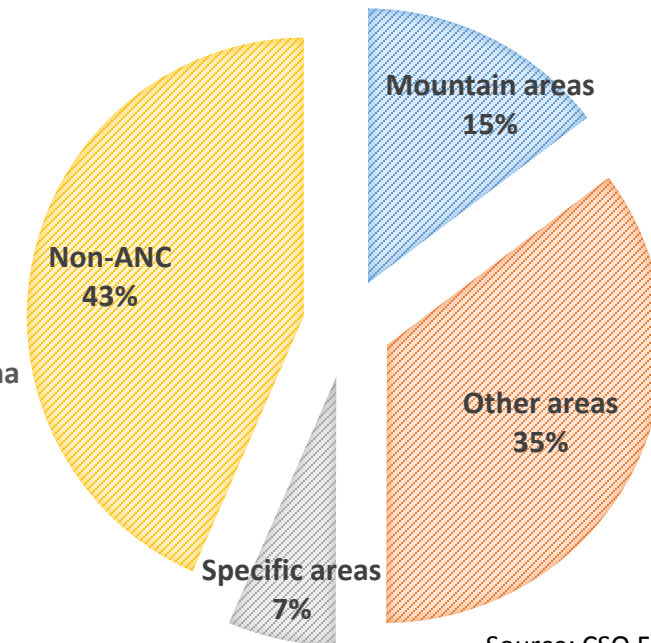
Total area of land in the Czech Republic 7 887 027 ha

DISTRIBUTION OF LAND RESOURCES OF THE CZECH REPUBLIC



Source: CSO Farm structure survey

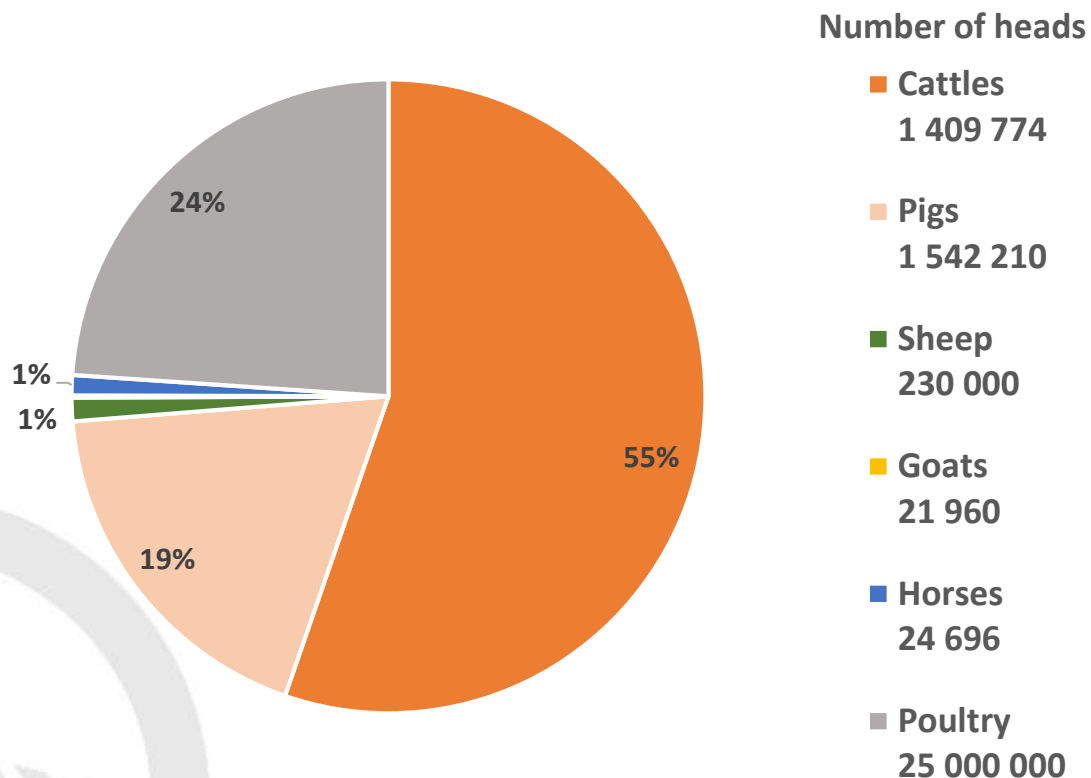
DISTRIBUTION OF AREAS FACING NATURAL OR OTHER SPECIFIC CONSTRAINTS



Source: CSO Farm structure survey

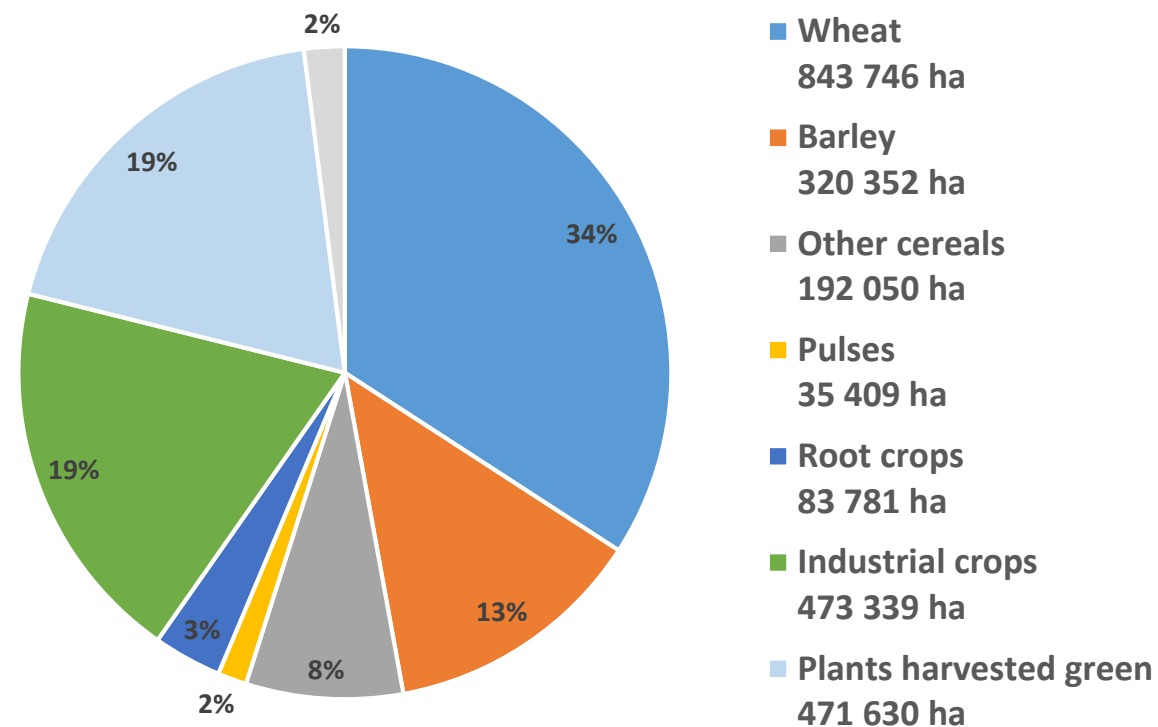
Structure of crops and livestock in the Czech Republic

LIVESTOCK UNITS DISTRIBUTION



Source: CSO Farm structure survey

ARABLE LAND USE



Source: CSO Farm structure survey

Structure of agriculture holdings in the Czech Republic

Legal entities with accounting

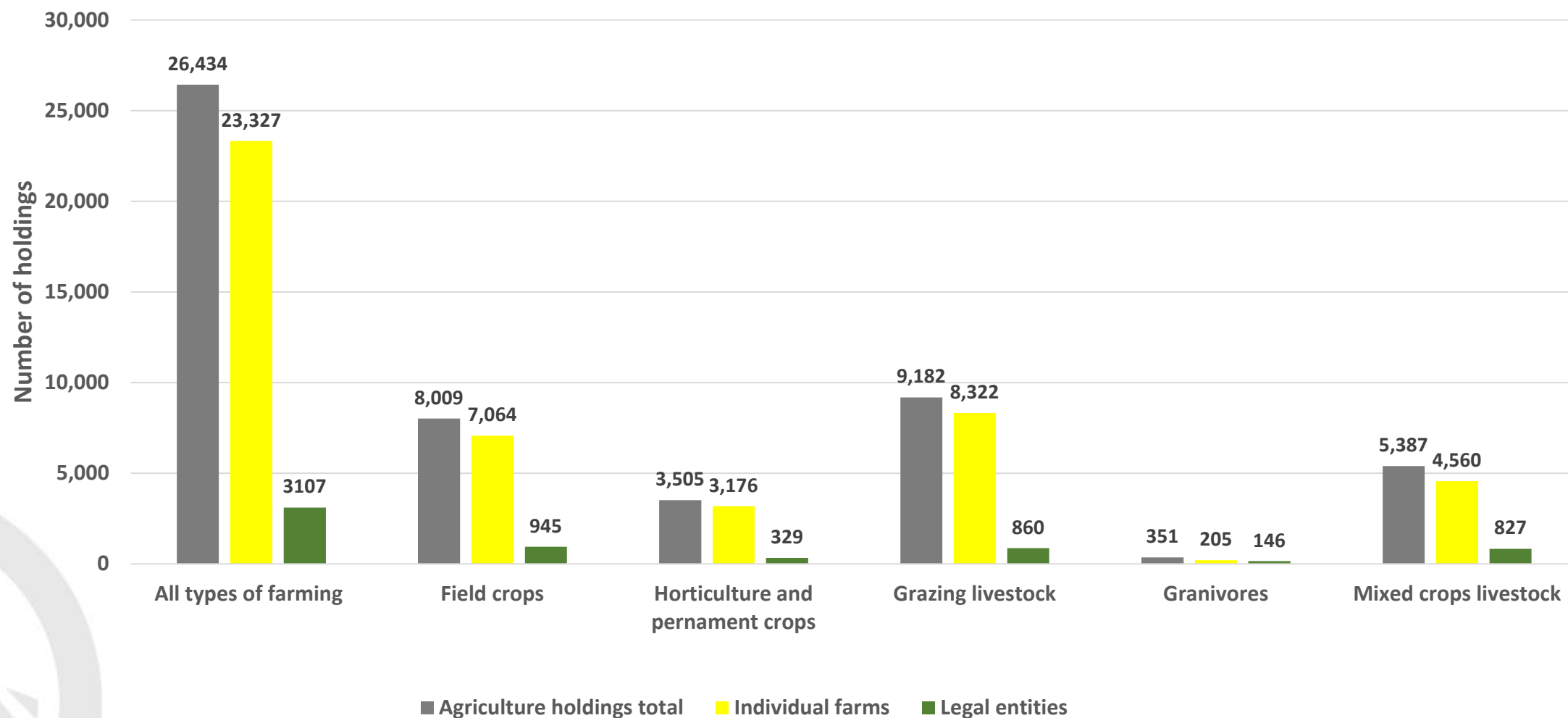
	number	ha	ha/holding
cooperatives	658	698 747	1 062
business companies (joint-stock companies, limited companies)	2 515	1 719 865	684
total	3 173	2 418 612	762

Individual farms without accounting

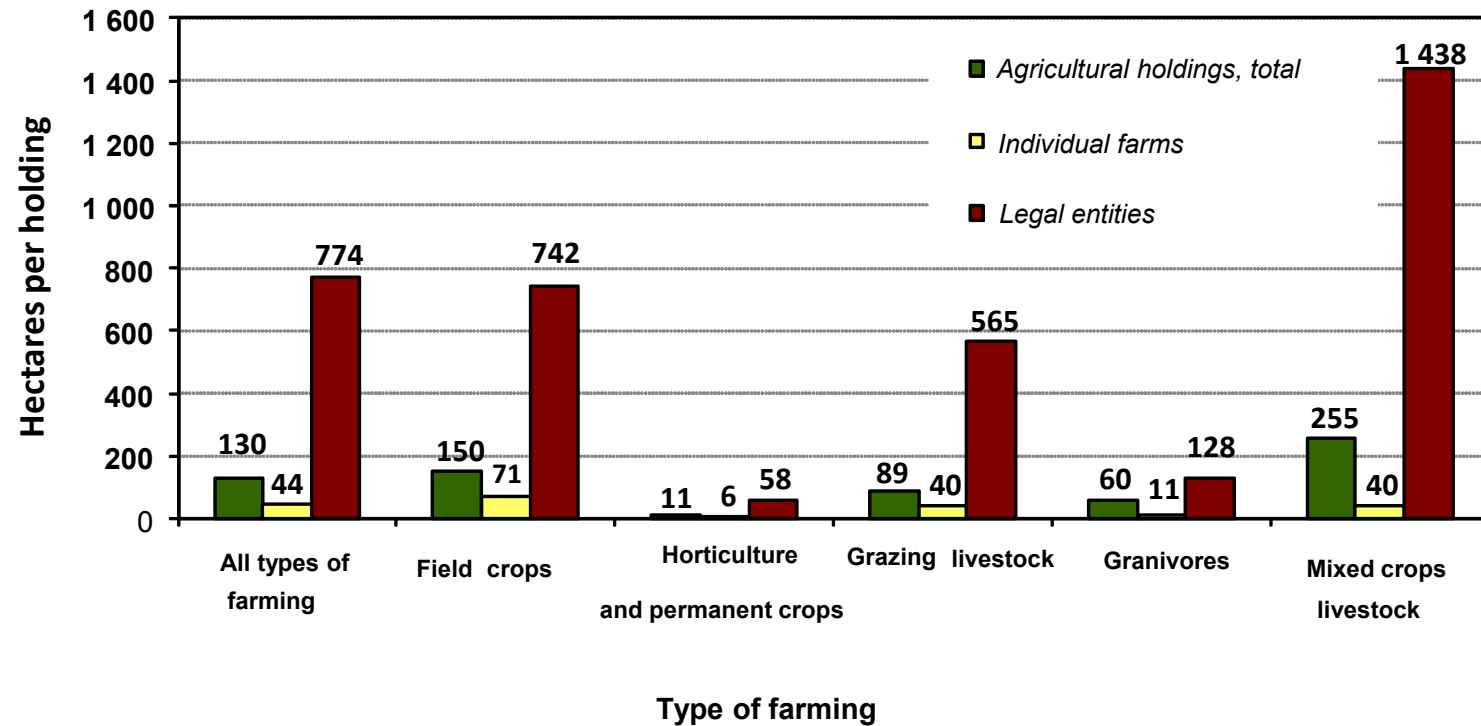
	number	ha	ha/holding
under 50 ha	18 644	246 652	13
50 – 100 ha	2 297	164 120	71
100 – 300 ha	1 871	308 117	165
above 300 ha	540	317 908	589
total	23 352	1 036 797	44

Source: CSO Farm structure survey

Number of holdings by type of farming in the Czech Republic

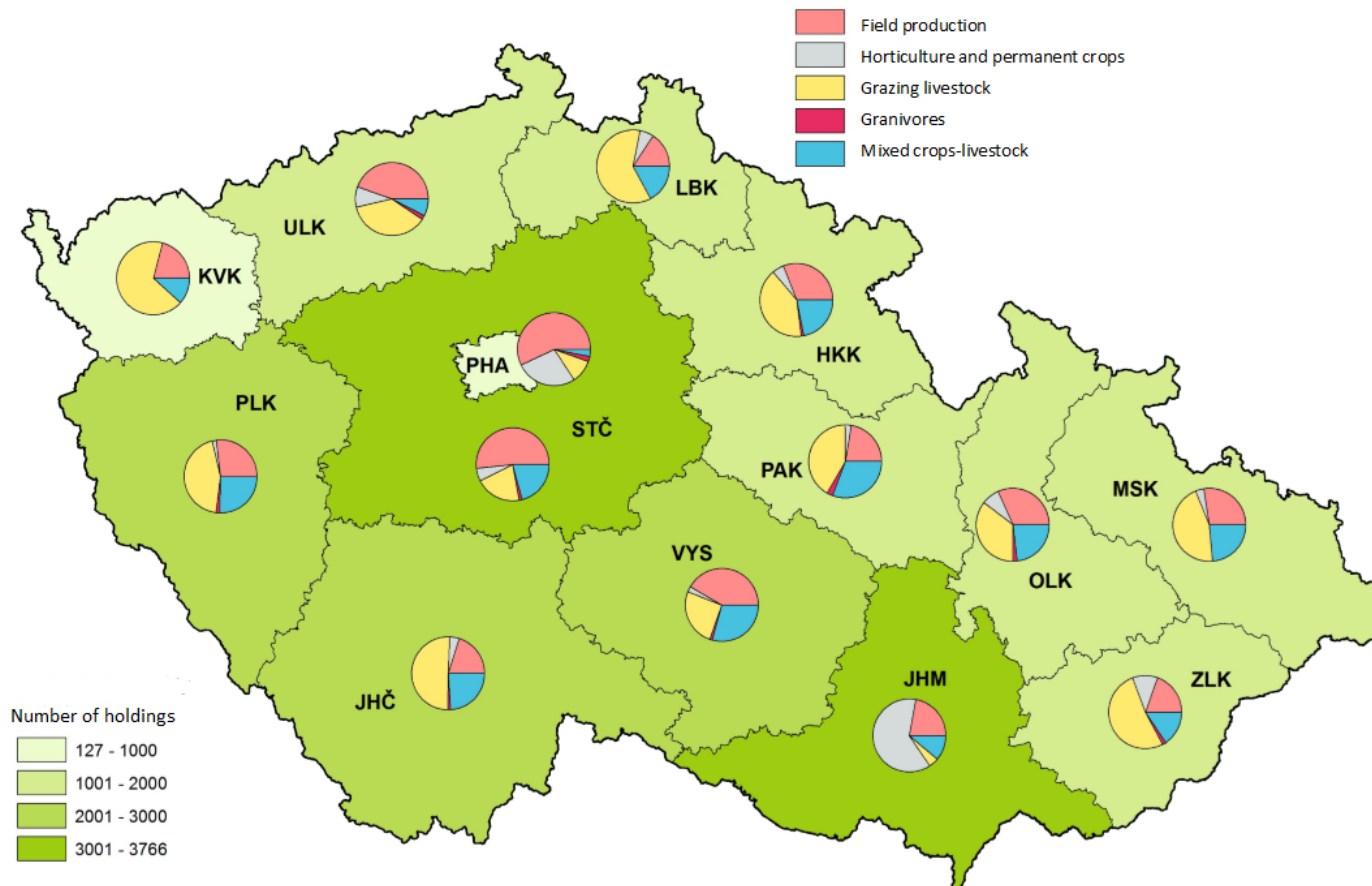


Average UAA in particular types of farming in the Czech Republic



Source: CSO Farm structure survey

Agriculture holdings and their shares of farming in the Czech Republic



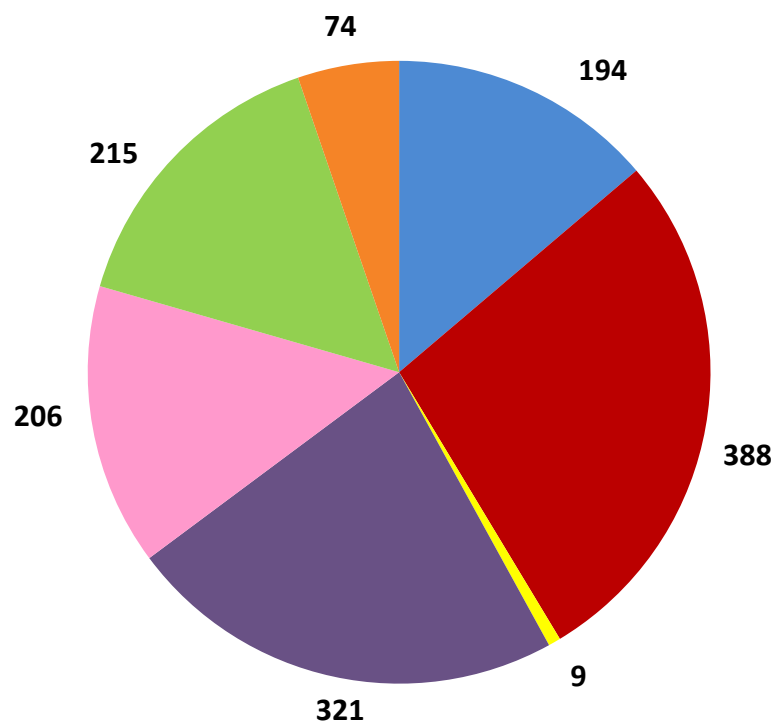
Source: CSO Farm structure survey

Farm Accountancy Data Network - FADN CZ

- The FADN in the Czech Republic was launched in 1995 and the Liaison Agency FADN CZ was established by the decision of the Minister of Agriculture in 2003.
- Current threshold 8000 €, 1417 farms
- 1343 farms in the FADN CZ sample in 2017 (780 individual farms, 563 legal entities with accounting).
- LIAISON AGENCY FADN is divided into four departments:
 - FADN ORGANIZATION FOR LEGAL ENTITIES
 - FADN ORGANIZATION FOR INDIVIDUAL FARMS
 - FADN DATABASE ADMINISTRATION
 - FADN ANALYSIS, COMMUNICATION AND DATA PROVIDING



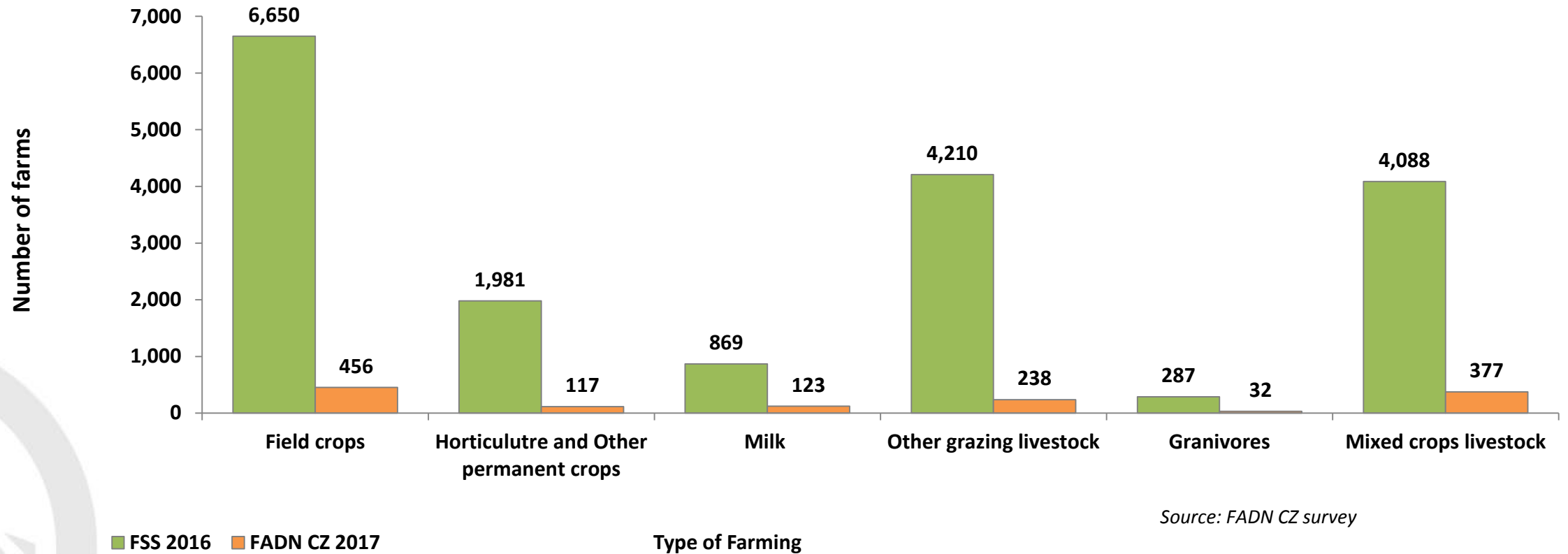
Structure of FADN CZ sample according to the legal form in 2017



- Agricultural cooperatives
- Business companies
- Individual farms with accounting
- Individual farms to 50 ha
- Individual farms 51 - 100 ha
- Individual farms 101 - 300 ha
- Individual farms above 300 ha

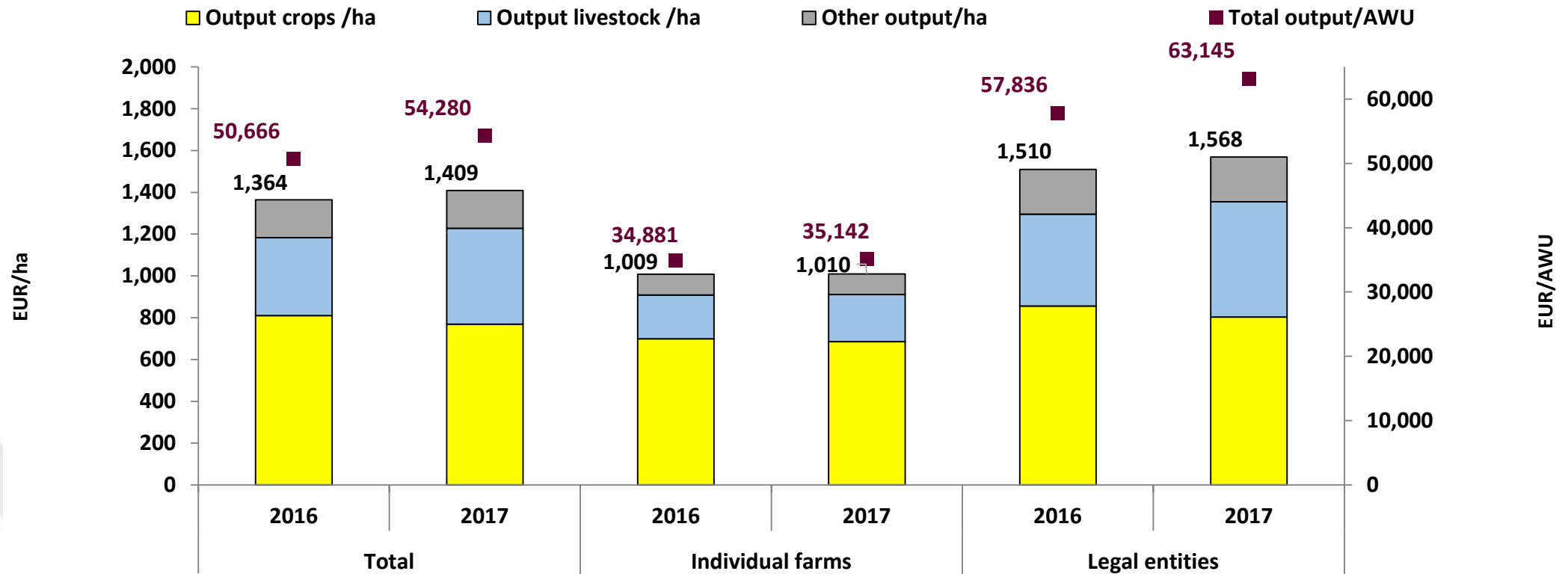
Source: FADN CZ survey

Structure of FADN CZ sample 2017 according to type of farming compared to the FSS 2016



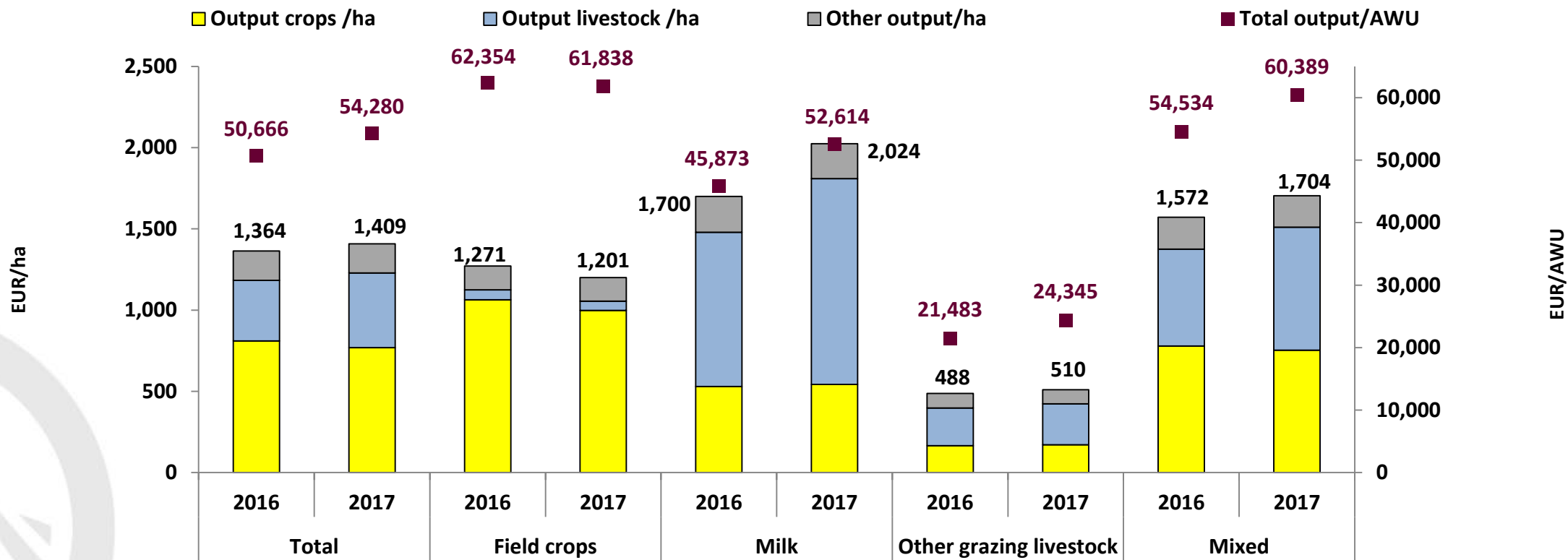
Source: FADN CZ survey

Production based on FADN by legal form



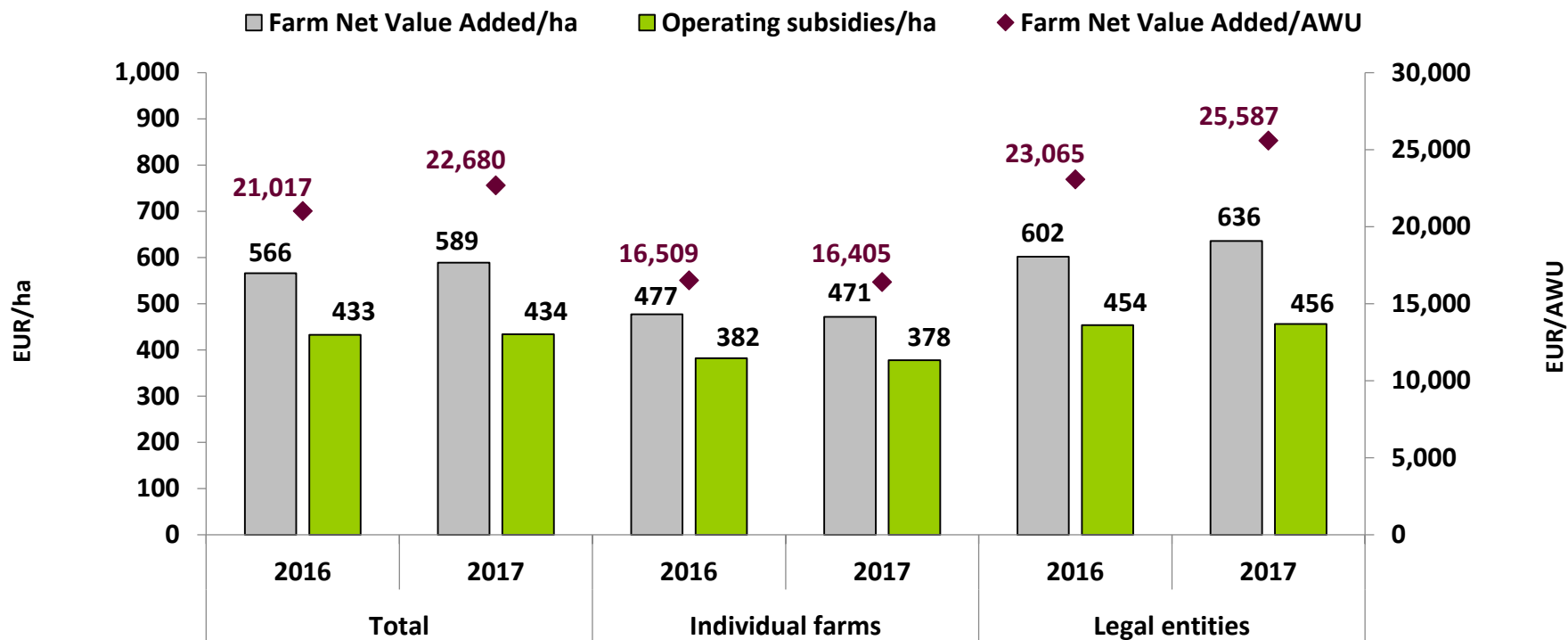
Source: FADN CZ survey

Production based on FADN by types of farming



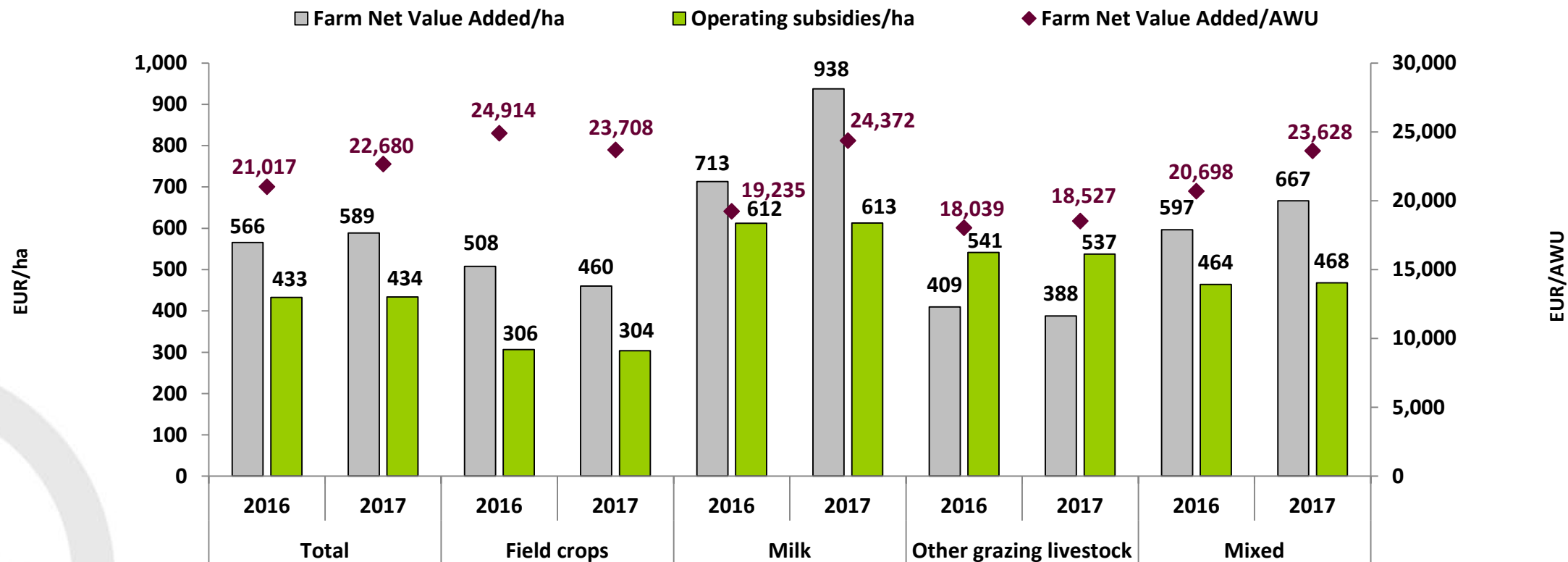
Source: Survey FADN CZ

Net value added, operating subsidies based on FADN by legal form



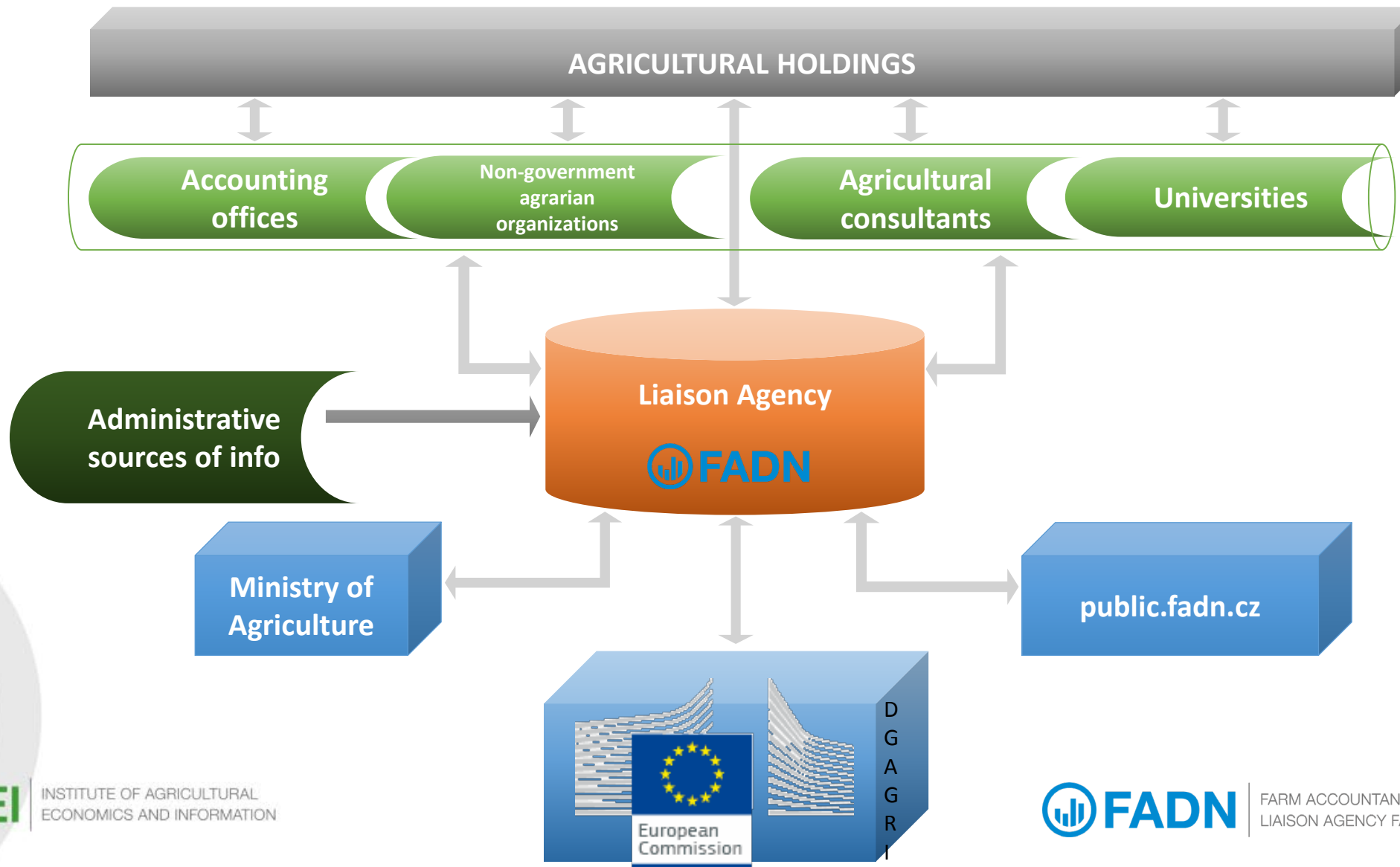
Source: FADN CZ survey

Net value added, operating subsidies based on FADN by types of farming



Source: Survey FADN CZ

FADN CZ dataflow



Use of FADN data in the Czech Republic

Ministry of Agriculture

- Model analysis of farms in relation to agricultural income and support from the first pillar of the CAP (capping, redistribution)
- Evaluation of farm income and sustainable development
- Evaluation and calculation of environmental payments
- Areas facing natural or other specific constraints evaluation and payment determination
- Development of land market and identification of factors influencing price development in the Czech Republic
- Representative sample of organic farms as part of FADN CZ survey
- Building a system for evaluating the impact of Rural Development Programme 2014-2020
- Determination of the value of the monitoring indicator Gross value added of the farm for the annual RDP progress report (annually)



Use of FADN data in the Czech Republic

Czech Statistical Office

- Cooperation on FSS in agriculture, calculation of Standard output, typology
- FADN data - Economic Accounts for Agriculture, Organic farming, Rent paid

Research

- Analysis of the economic results and selected farms focusing on organic farming compared with conventional farming
- Multicriterial evaluation of farm performance
- SMART FADN – innovative data collection
- Prediction of agricultural economic results
- The international project of OECD Farm Level Analysis Network „Drivers of Farm Performance”
- Extension of environmental indicators in FADN survey
- Applied Research Program of the Ministry of Agriculture for 2017-2025 “Duality in Czech Agriculture: Advantage or Disadvantage for New Generation Agriculture?”
- Modelling of farm viability in areas with natural constrains (ANC) of the Czech Republic

Consulting

- Analytical documents evaluating the effectiveness of measures to support various livestock production in different types of production in different areas of the Czech Republic

Farmers

- Individual farm results based on FADN data
- <https://public.fadn.cz>

PUBLIC.FADN.CZ information system

Module FADN BASIC - aggregated data

- Direct access to the FADN database
- Compare results for selected database selections
- All values aggregated for at least three farms

Module FADN RESEARCH – aggregated data

- Wider access to FADN database for experts in the field
- The ability to create your own table with selected indicators from the FADN database

Module FADN FARMER

- Access to the FADN farmer database
- Individual data from farmer business
- Comparison of the farms own results with a group of similar farms from the FADN CZ database

Farm Accountancy Data Network FADN CZ

Thank you for your attention.

For more information visit our website www.fadn.cz

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