



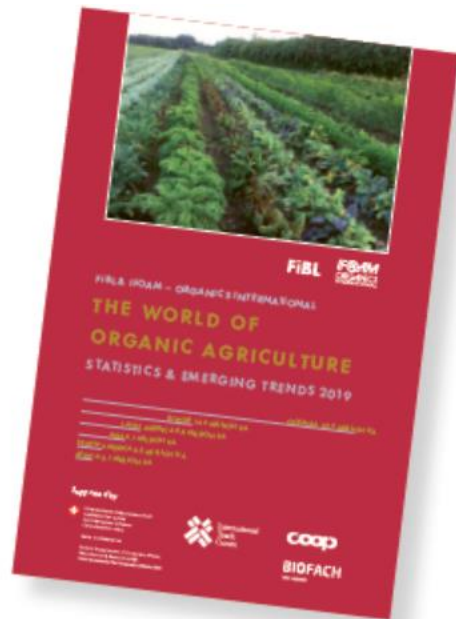
World of Organic Agriculture 2019 – Statistics on Organic Agriculture

Helga Willer and Miguel de Porras

CDG Organic, Brussels, 16. October 2019

The World of Organic Agriculture 2019

www.organic-world.net



- The 20th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM – Organics International and launched at BIOFACH in February 2019.
- Data tables, maps and infographics
- Country and continent reports
- Milestone lists
- Markets, standards, policy support
- www.organic-world.net
- Supported by the Swiss State Secretariat for Economic Affairs, International Trade Centre, Coop Sustainability Fund, NürnbergMesse, and IFOAM – Organics International

Acknowledgement

- The Swiss State Secretariat of Economic Affairs SECO, Berne
- International Trade Centre ITC
- Sustainability Fund of Coop Switzerland
- Nürnberg Messe, the organizers of the BioFach World Organic Trade Fair
- IFOAM – Organics International
- 200 experts from all parts of the world contributed to the FiBL survey 2019



The World of Organic Agriculture 2017

Organic Farmland 2017



69.8 m ha

Organic farmland in million hectares

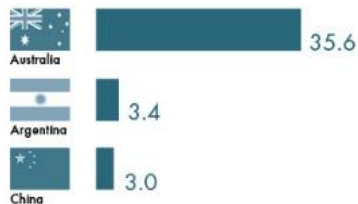
+20%

From 2016

181

Countries with organic farming

Top 3 countries
(land in million of hectares)



Organic Producers 2017

The number of organic producers is increasing

2.9 million

Organic farmers

+4.7%

From 2016

Number of producers:
Top 3 countries



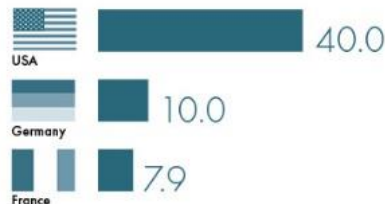
Organic Market 2017

The global market is growing and consumer demand is increasing

More than 92

Global organic food market in billion euros

Top 3 countries
(market in billion euros)



18.0%
Organic market growth

13.3% Market share

288 € Highest per capita spending is in Switzerland

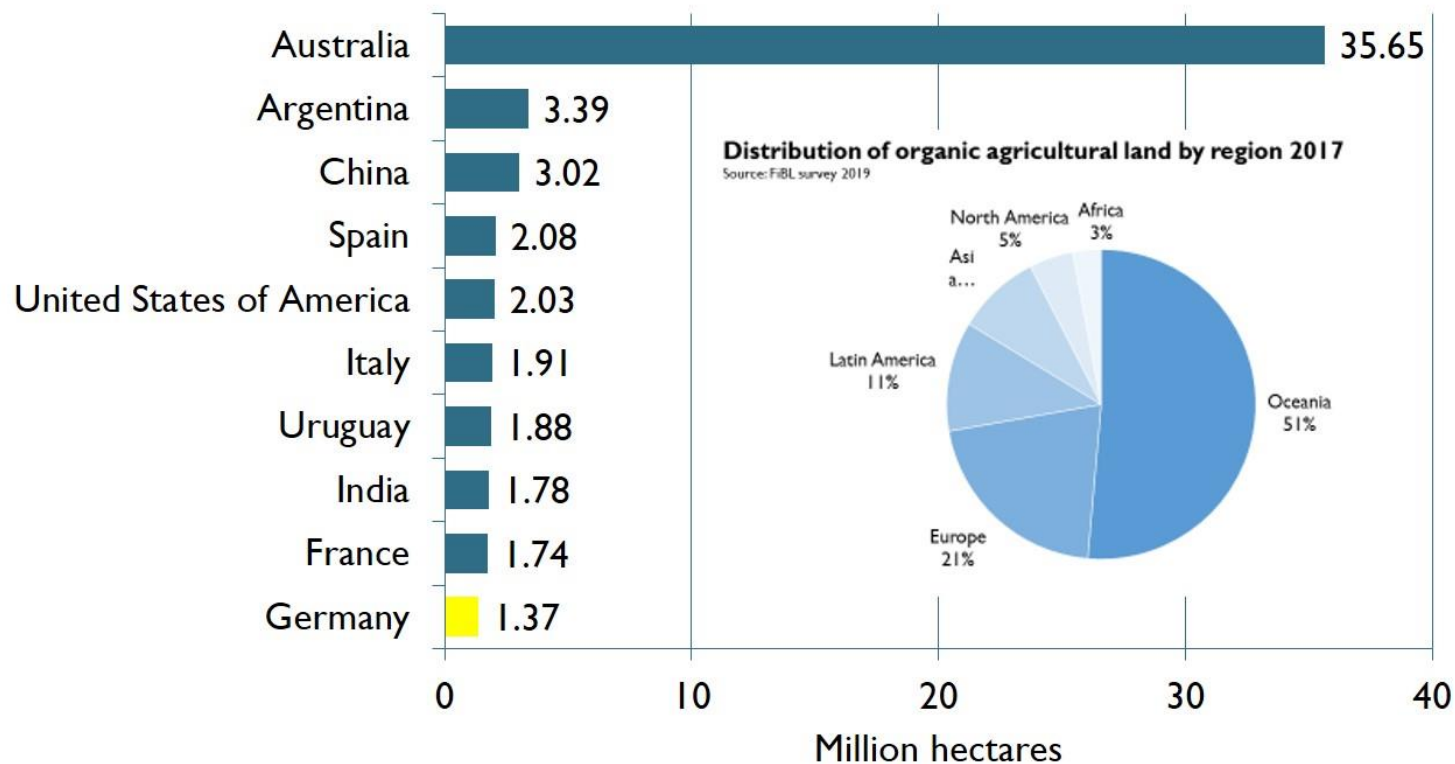
FiBL

Source: FiBL survey based on national sources
© FiBL 2019
More information: www.organic-world.net - statistics.fibl.org

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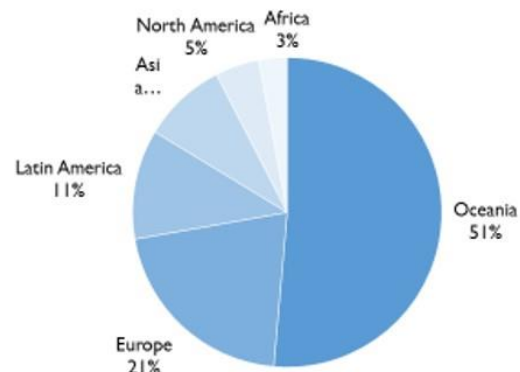
World: The ten countries with the largest areas of organic agricultural land 2017

Source: FiBL survey 2019



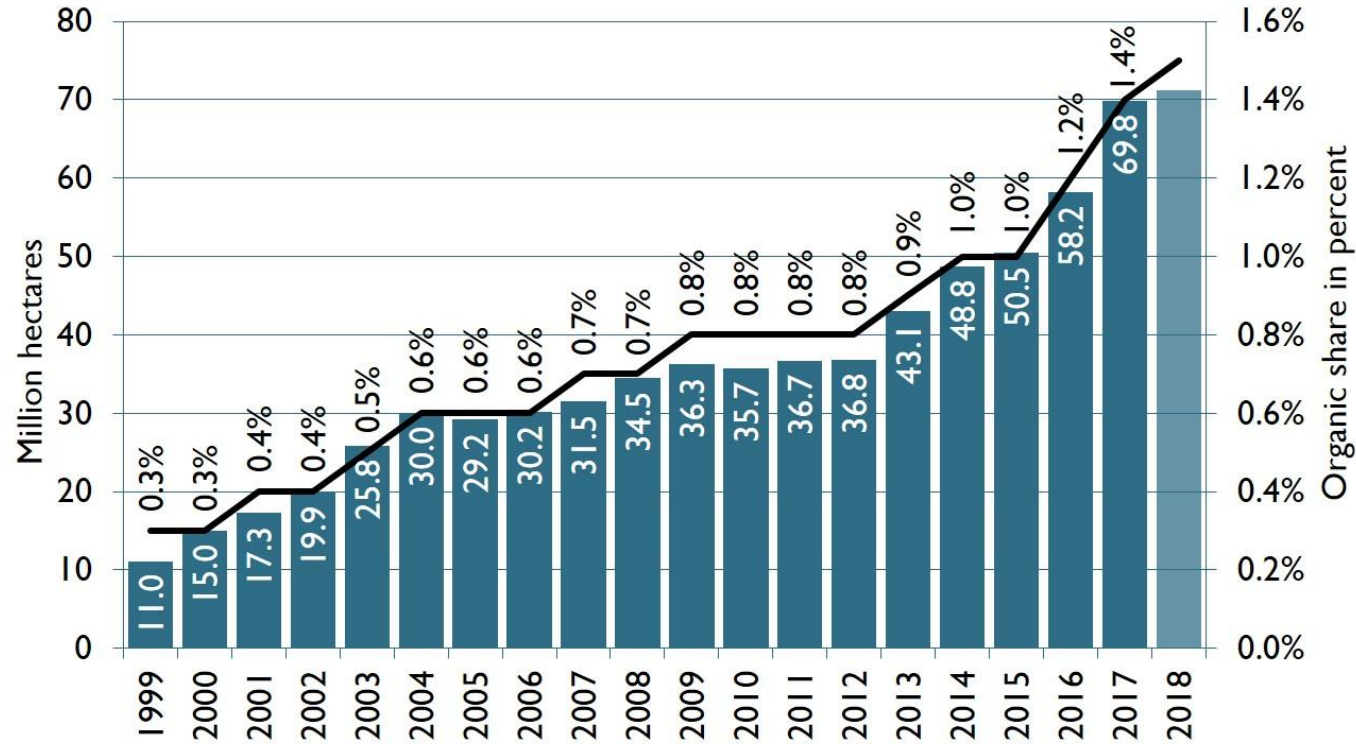
Distribution of organic agricultural land by region 2017

Source: FiBL survey 2019



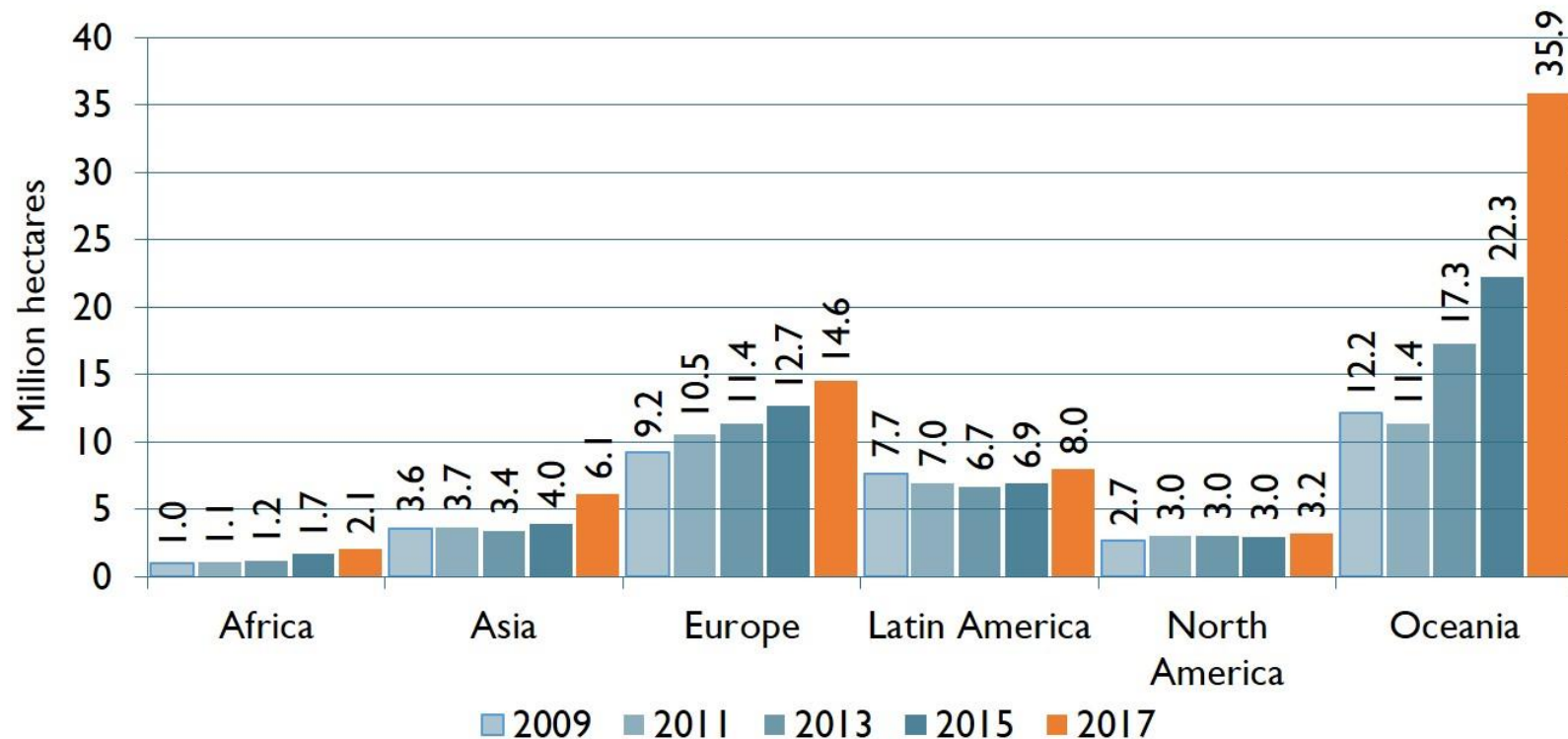
Growth of the organic agricultural land and organic share 1999-2017 (2018)

Source: FiBL-IFOAM-SOEL-Surveys 1999-2019



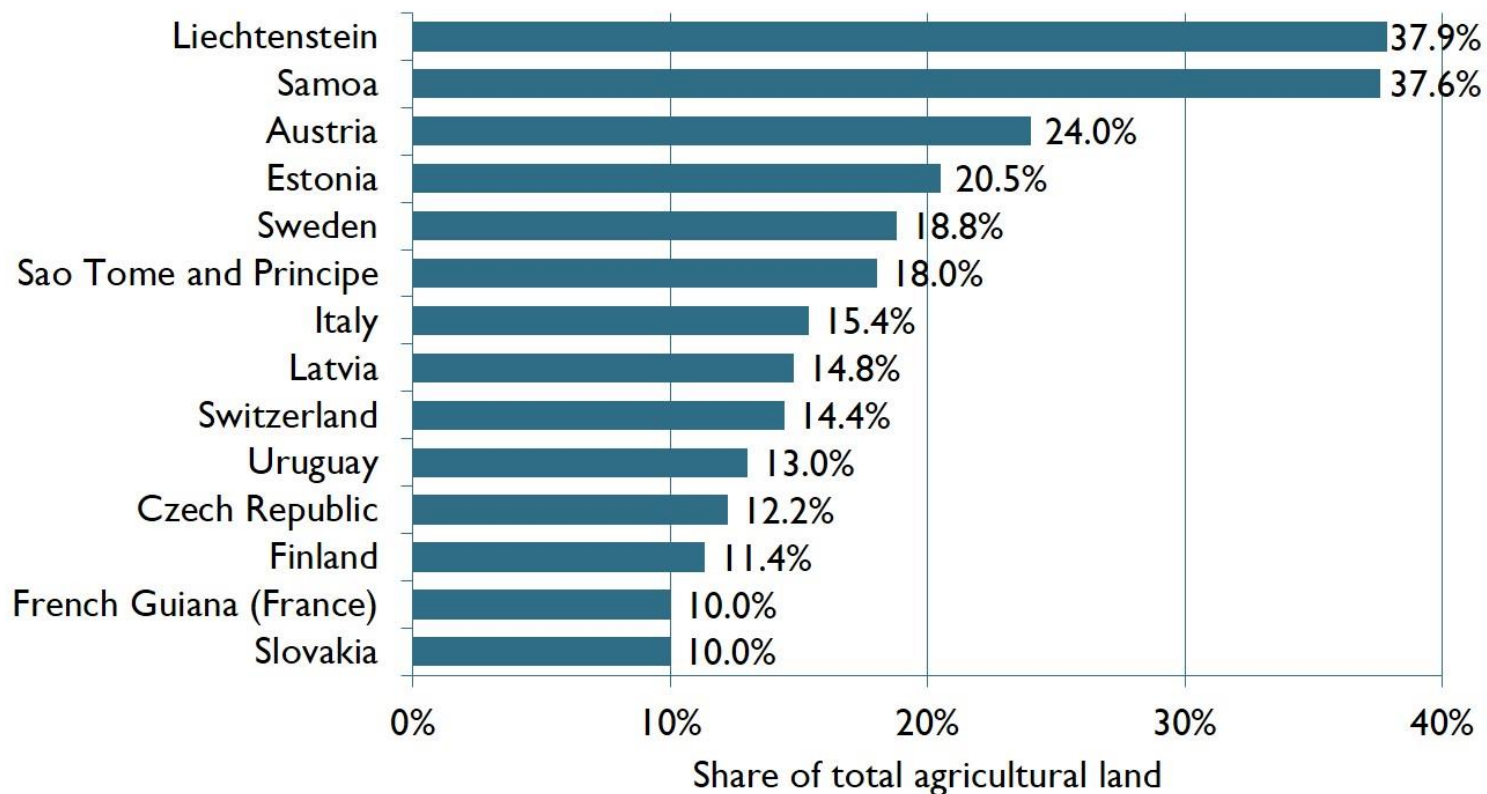
World: Growth of the organic agricultural land by continent 2009-2017

Source: FiBL-IFOAM survey 2008-2019



Countries with an organic share of at least 10 percent of the agricultural land 2017

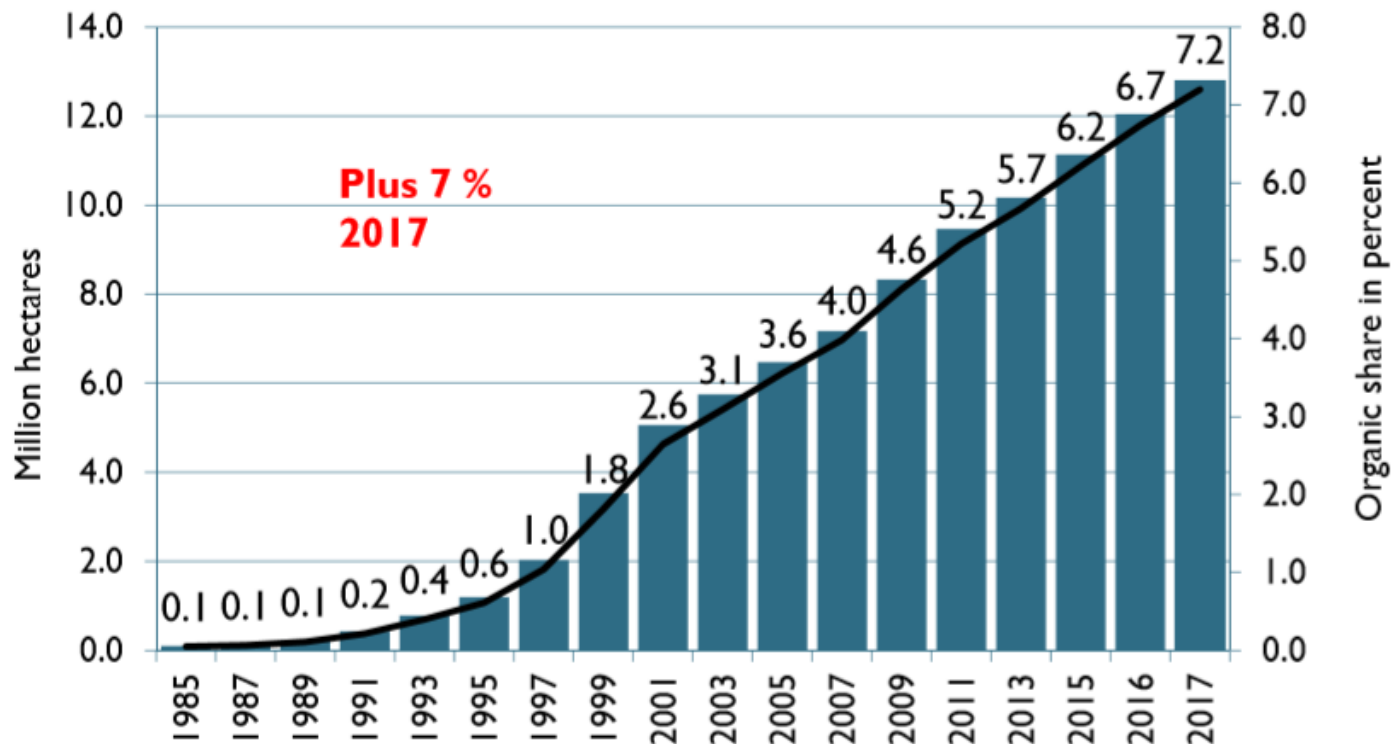
Source: FiBL survey 2019



European Union: Growth of the organic farmland

Growth of the organic agricultural land and organic share of total farmland 1999-2016 (2017)

Source: FiBL-IFOAM-SOEL-Surveys 1999-2018 based on national data sources and Eurostat



First data for 2018

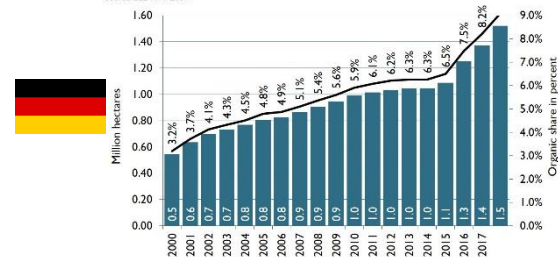
France: Growth of the organic agricultural land and organic share 1999-2018

Source: Agence Bio 1999-2019



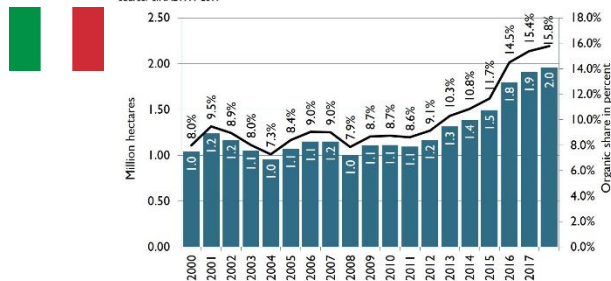
Germany: Growth of the organic agricultural land and organic share 1999-2018

Source: BLE 1999-2019



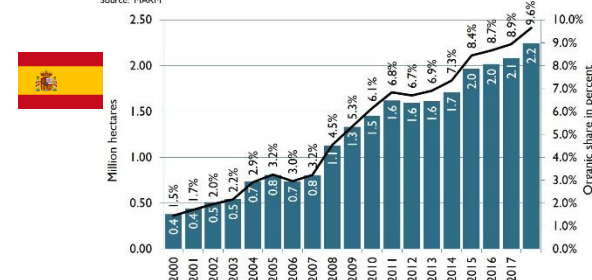
Italy: Growth of the organic agricultural land and organic share 1999-2018

Source: SINAB 1999-2019



Spain: Growth of the organic agricultural land and organic share 1999-2018

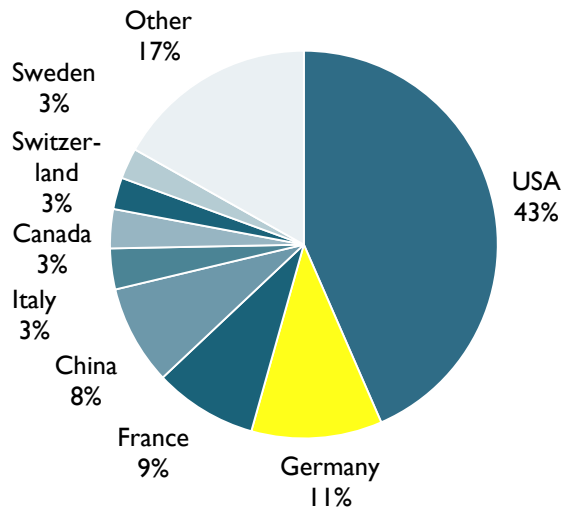
Source: MAPA



Distribution of retail sales

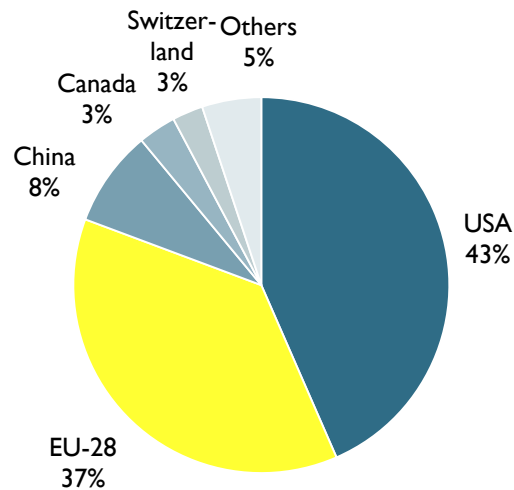
World: Distribution of retail sales value by country 2017

Source: FiBL-AMI survey 2019, based on retail sales with organic food

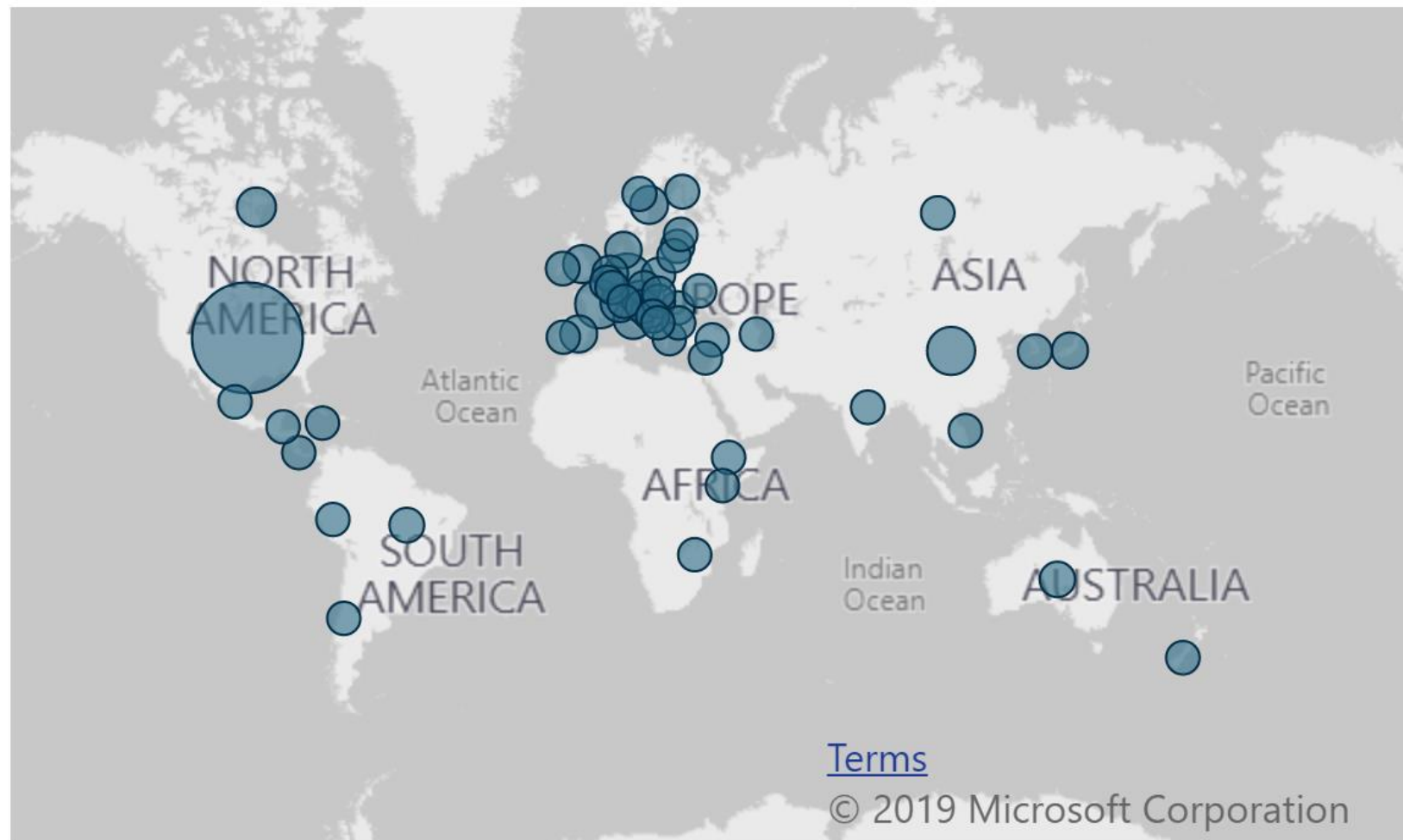


World: distribution of retail sales by single market 2017

Source: FiBL-AMI survey 2019



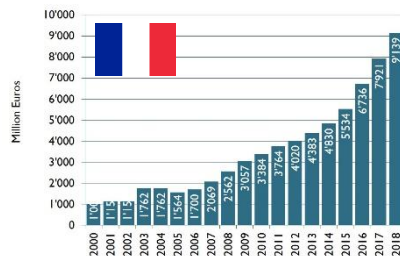
Organic retail sales in million Euros by country



2018 Developments

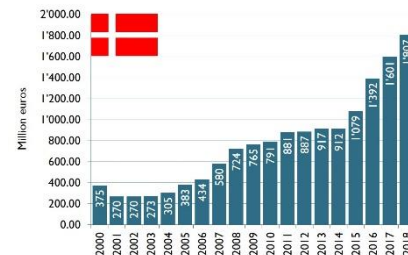
France: Growth organic retail sales 2000-2018

Source: Agence Bio 1999-2019



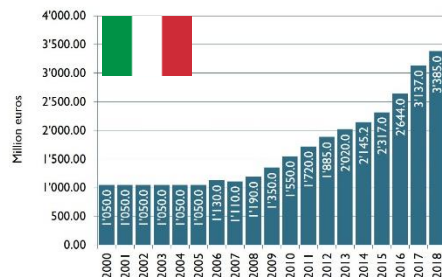
Denmark: Growth organic retail sales 2000-2018

Source: Statistiska Denmark



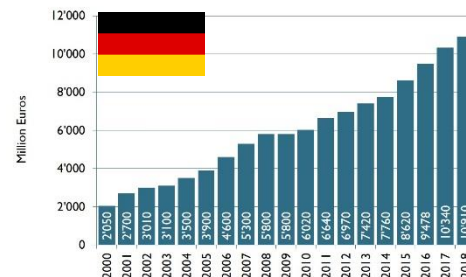
Italy: Growth organic retail sales 2000-2018

Source: Assobio, Nomisma 1999-2019



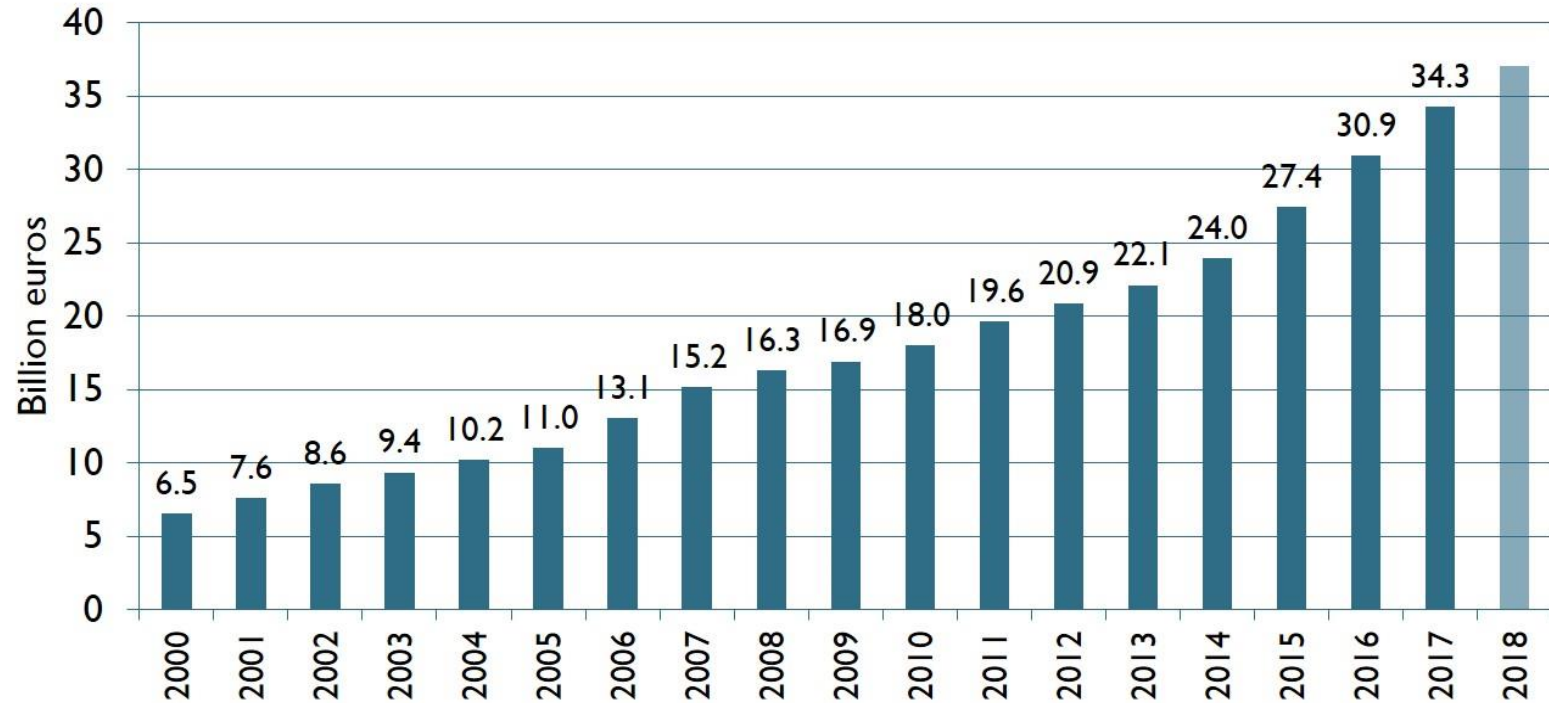
Germany: Growth organic retail sales 2000-2018

Source: AMI 1999-2019



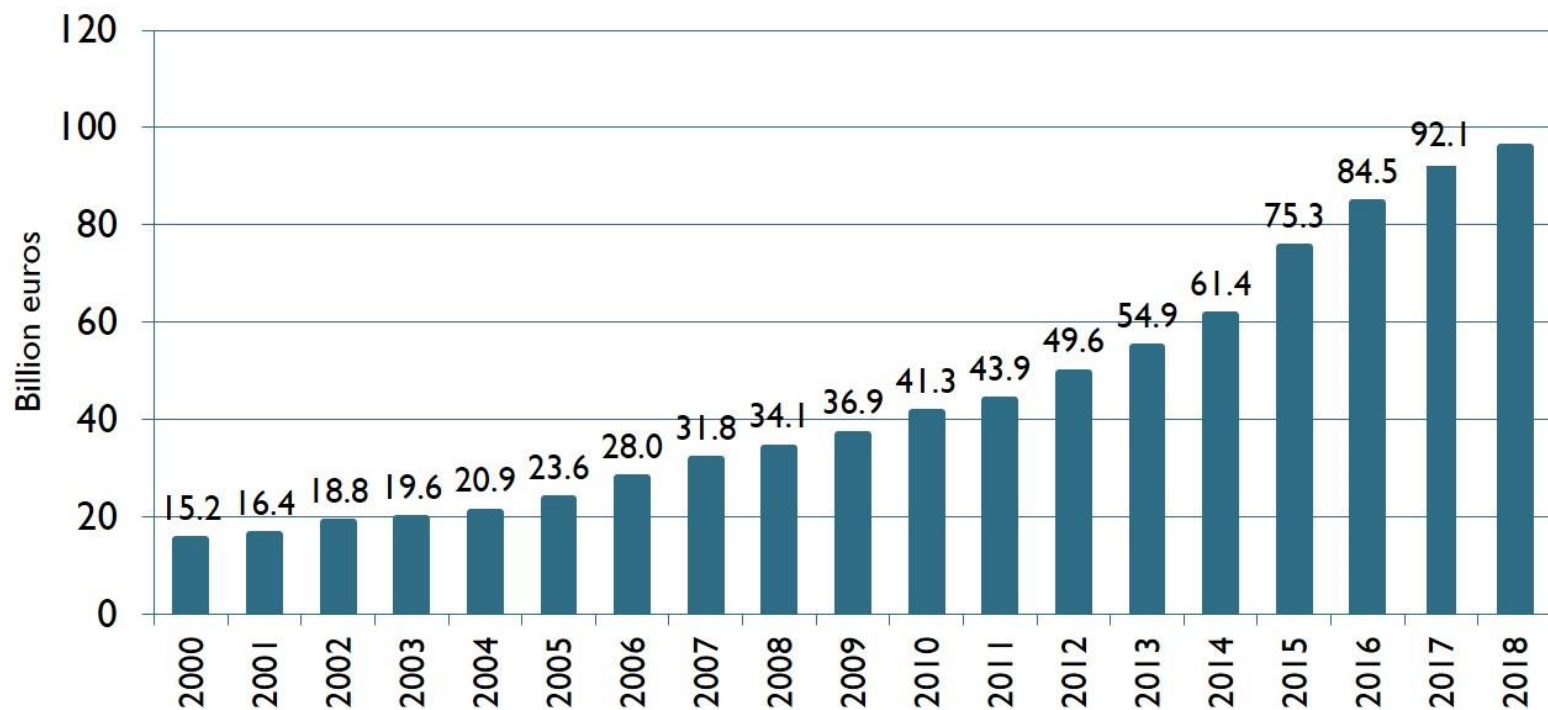
European Union: Development of retail sales 2000-2017

Source: FiBL-AMI Surveys 2006-2019, OrganicDataNetwork Surveys 2013-2015



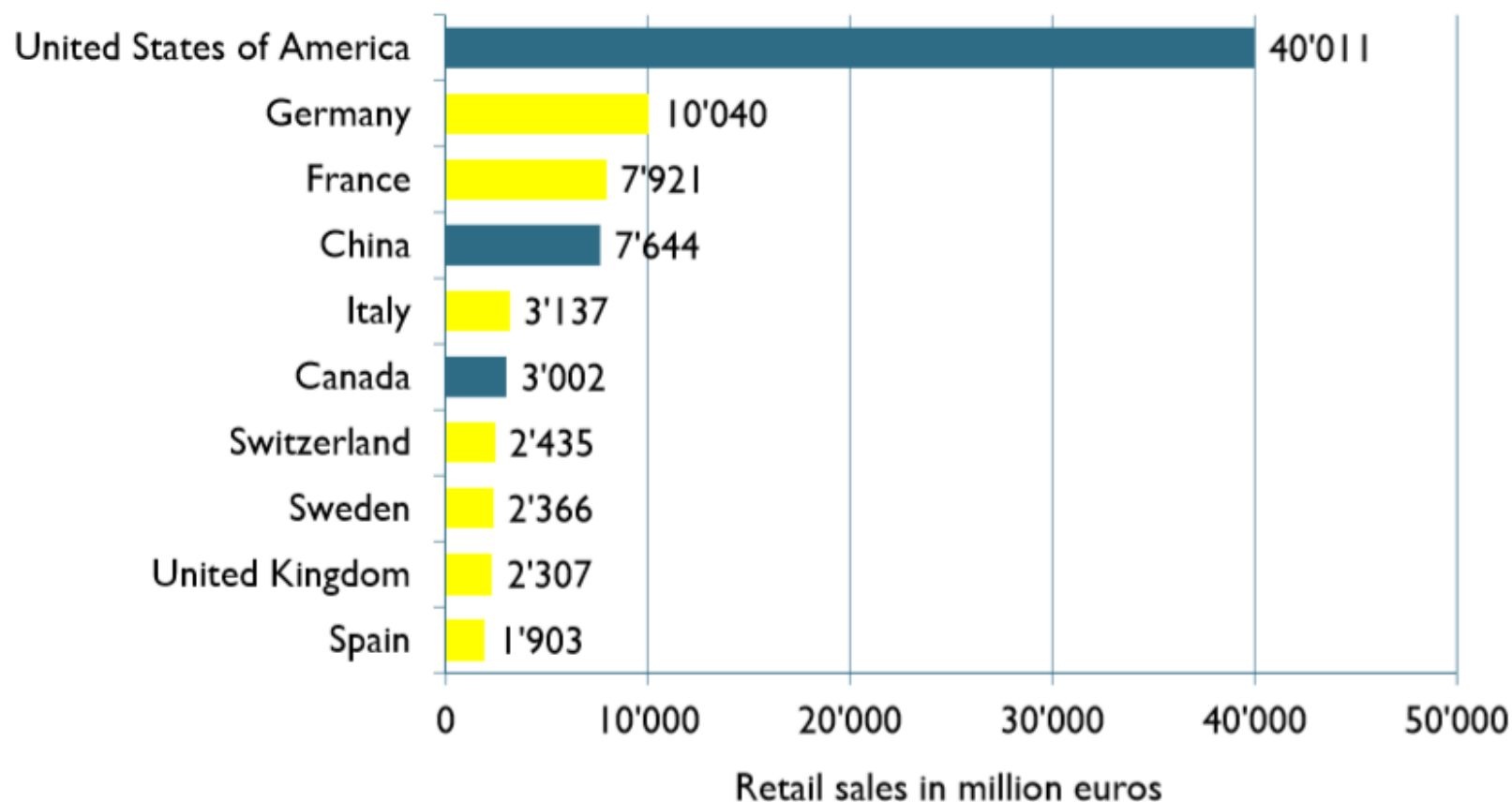
World: Growth of organic retail sales 2000-2017

Source: FiBL surveys 2000-2019



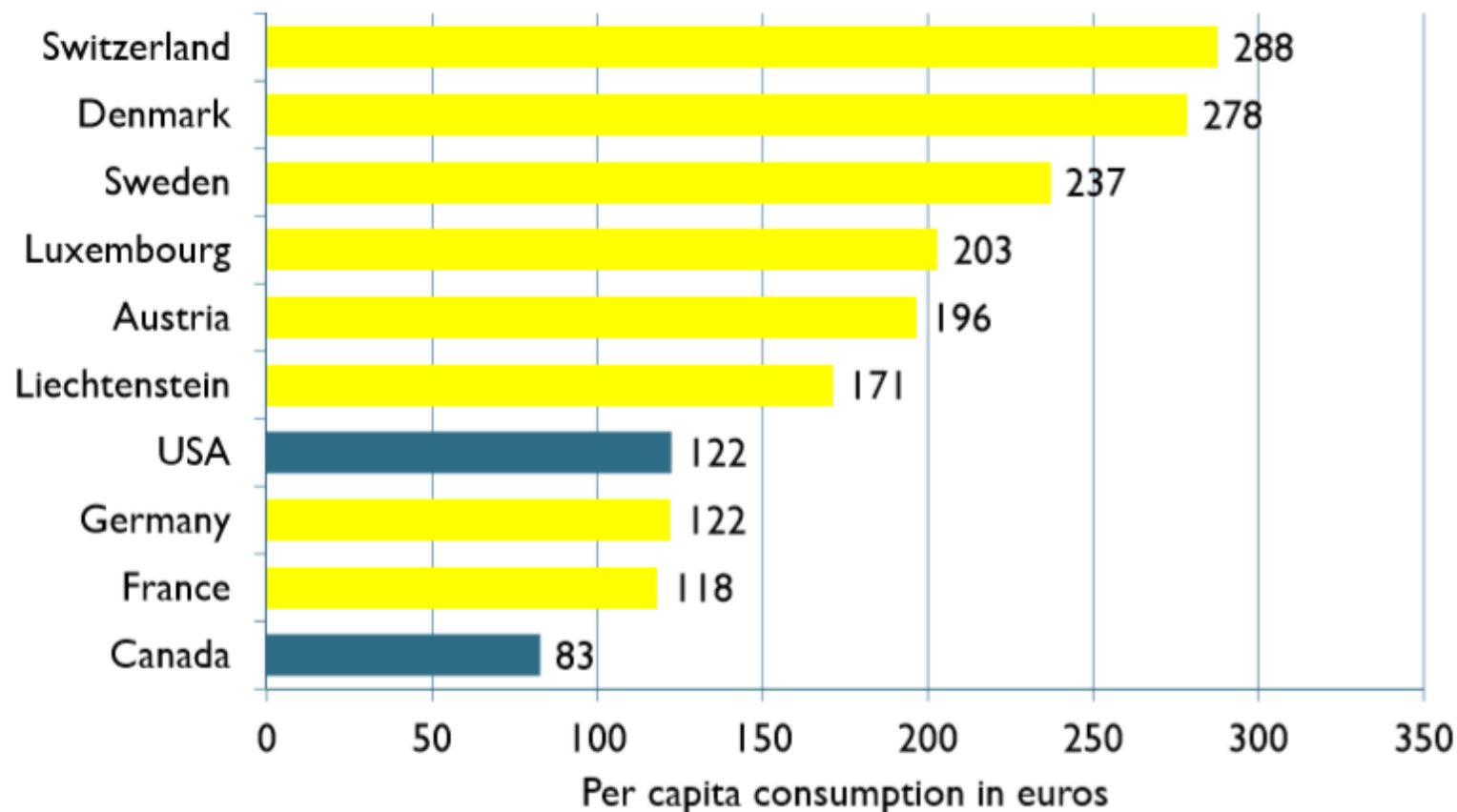
The ten countries with the largest markets for organic food 2017

Source: FiBL-AMI survey 2019



The ten countries with the highest per capita consumption 2017

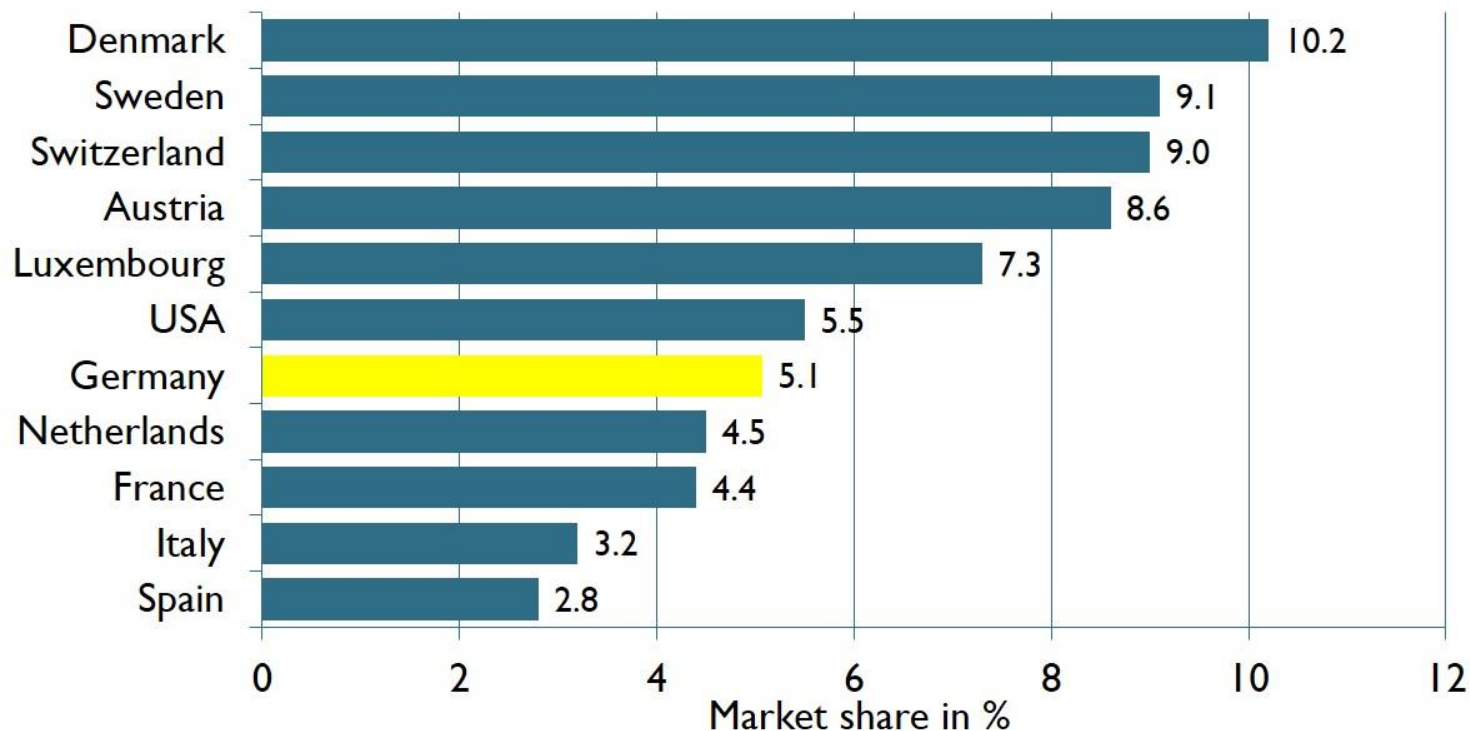
Source: FiBL-AMI survey 2019



The countries with the highest organic market shares

2017

Source: FiBL-AMI survey 2019

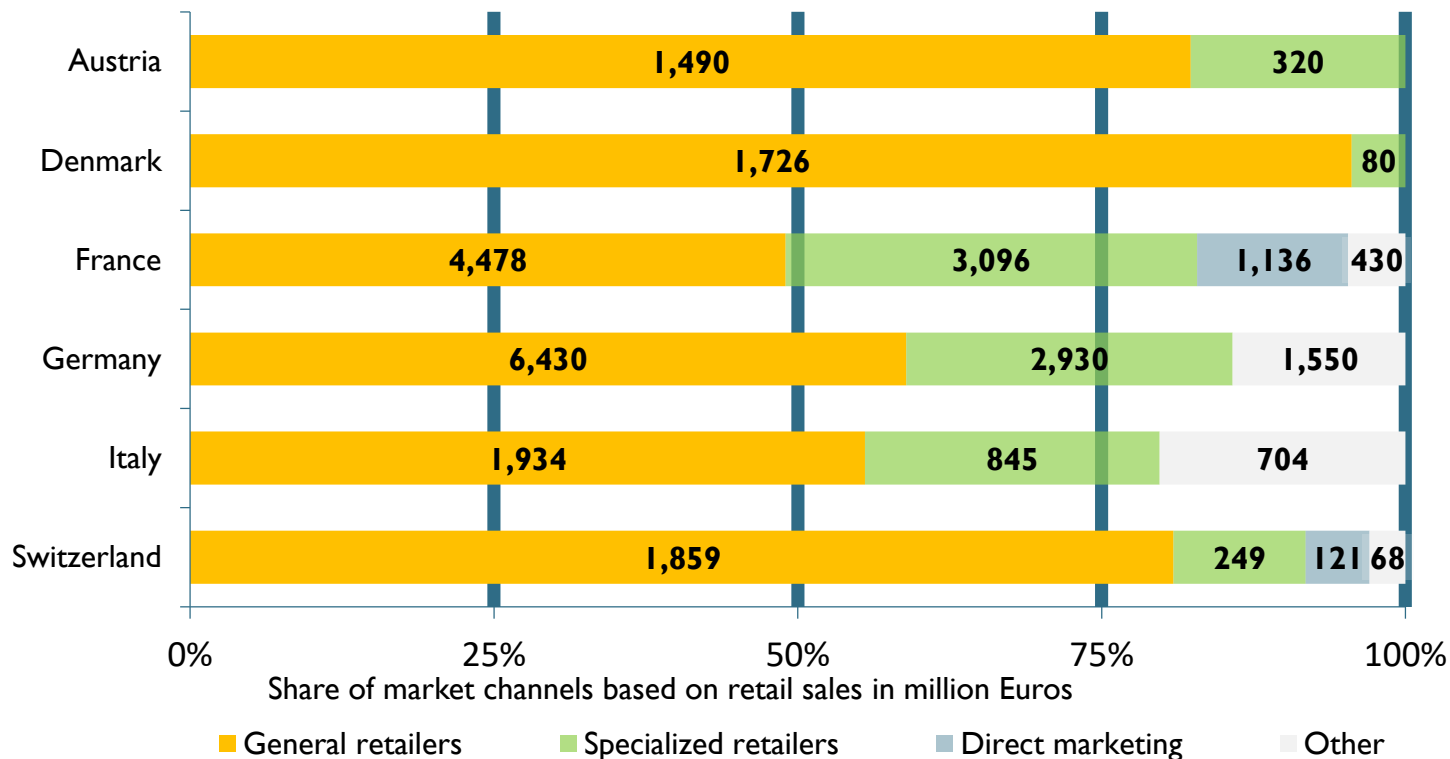


Organic market share of total retail sales for selected products 2017 (based on value in EUR)

	Austria	Denmark	France	Germany	Switzer- land
Bread & bakery products			3.4%	8.0%	4.9%
Eggs	21.6%	32.6%	29.6%	21.0%	26.6%
Fresh vegetables	15.3%	20.4%	6.3%	9.7%	23.1%
Fruit	10.9%	18.8%	7.7%	7.8%	13.9%
Milk and dairy products	11.1%		4.4%		12.9%
- Butter	10.6%	16.4%	5.6%	4.5%	
- Cheese	9.6%	5%	1.6%	4.7%	6.7%
- Milk	18.5%	31.6%	12.7%	12.1%	16.7%
- Yoghurt	13.9%	18.6%	6.9%	8.1%	

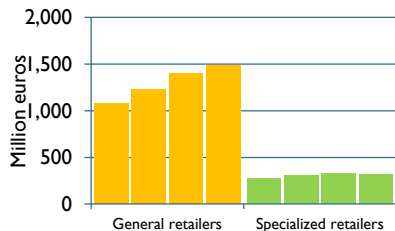
Organic retail sales by channel 2018

Compiled by FiBL und AMI based on national data sources

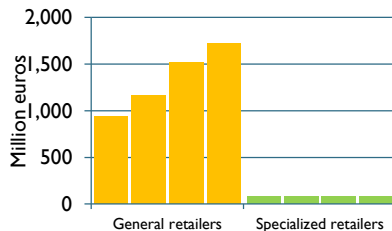


Organic marketing channels (AT, CH, DE, DK, FR, IT) 2015-2018

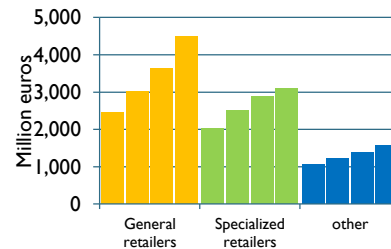
Austria



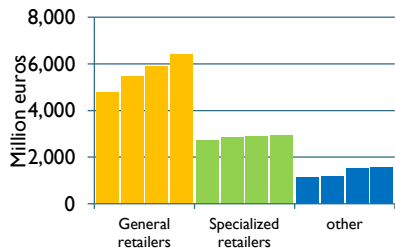
Denmark



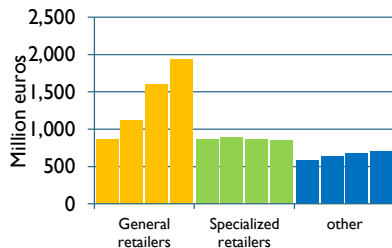
France



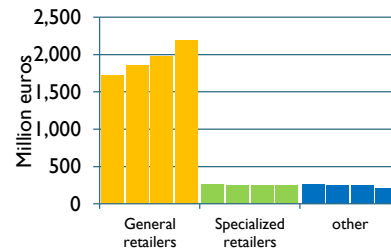
Germany



Italy

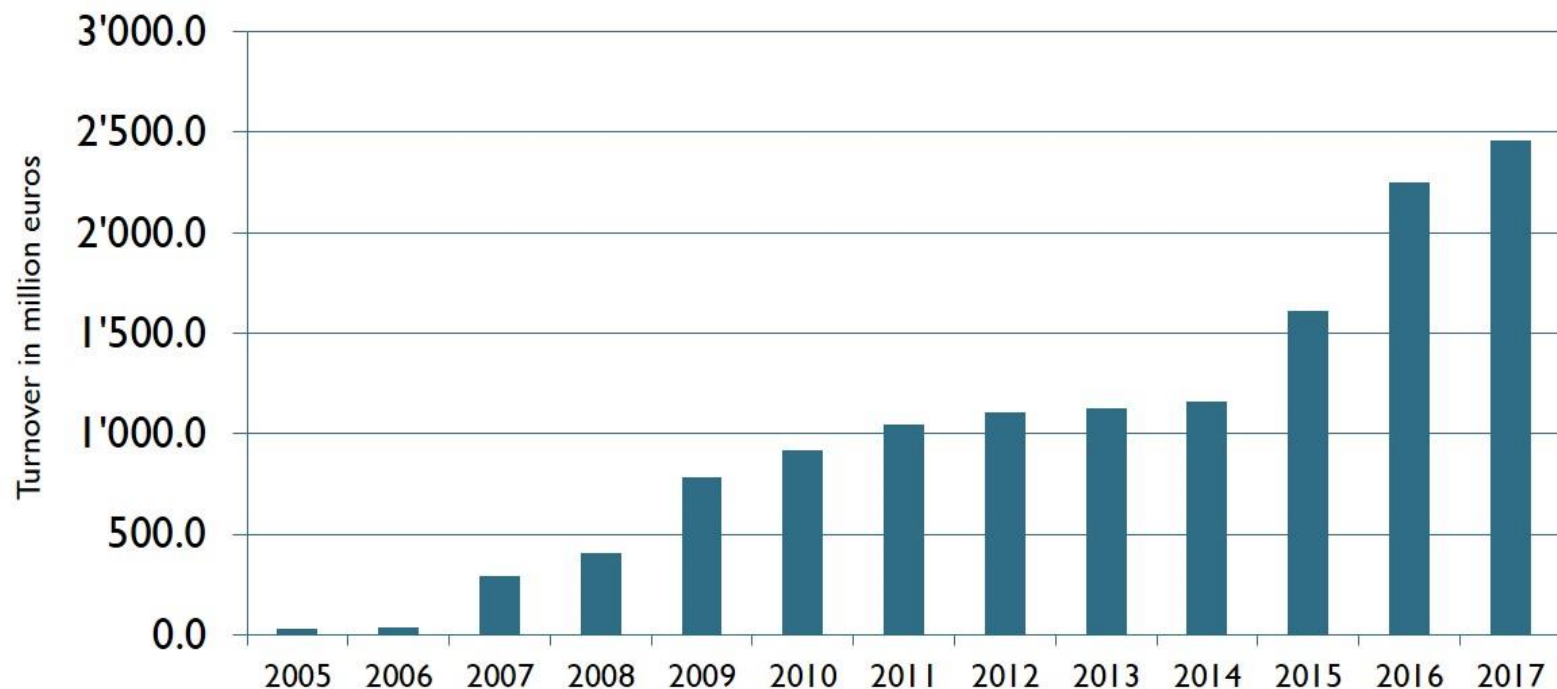


Switzerland



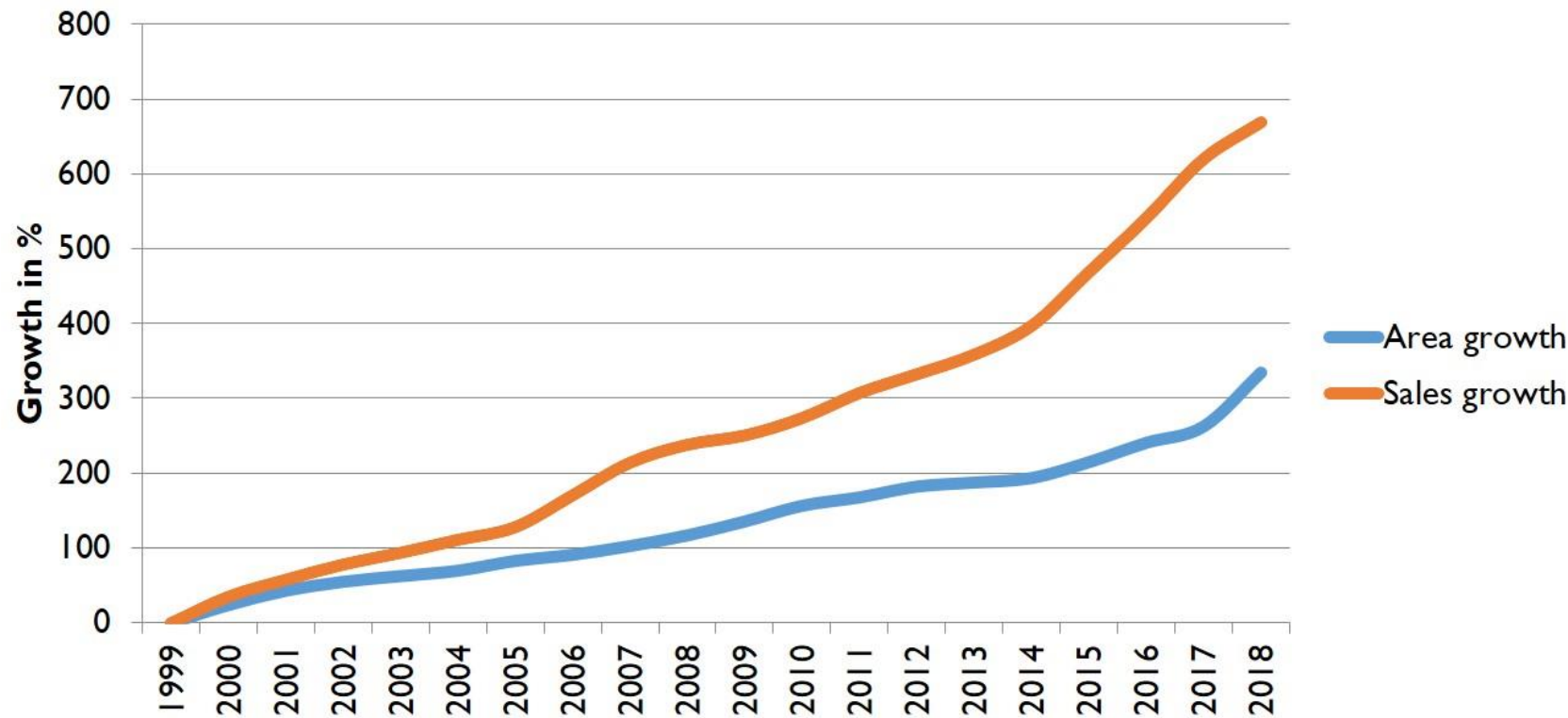
European Union: Development of organic food service sales 2005-2017 (12 countries)

Source: FiBL-AMI survey 2018



European Union: Growth of organic agricultural land and of retail sales compared

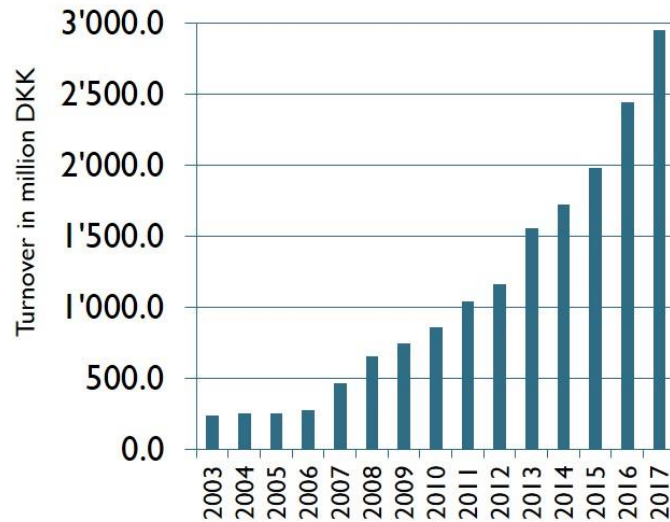
Source: BLE /AMI (area) and AMI (retail sales)



Denmark: Exports, Imports

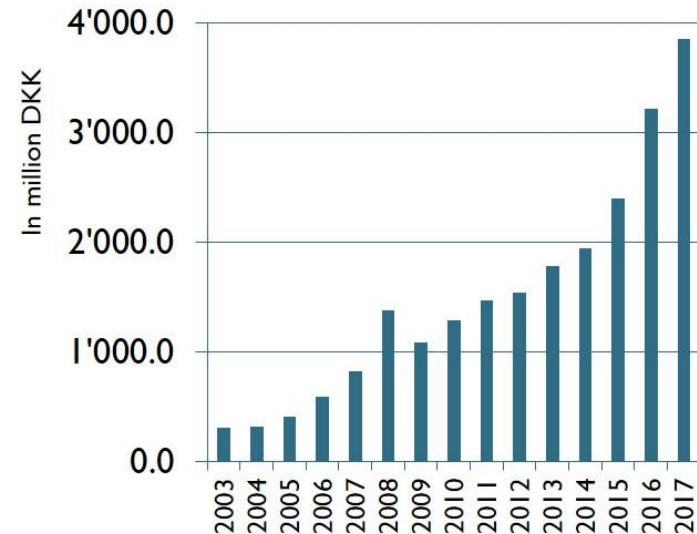
Danish organic exports 2003-2017

Source: Statistics Denmark



Danish organic imports 2003-2017

Source: Statistics Denmark



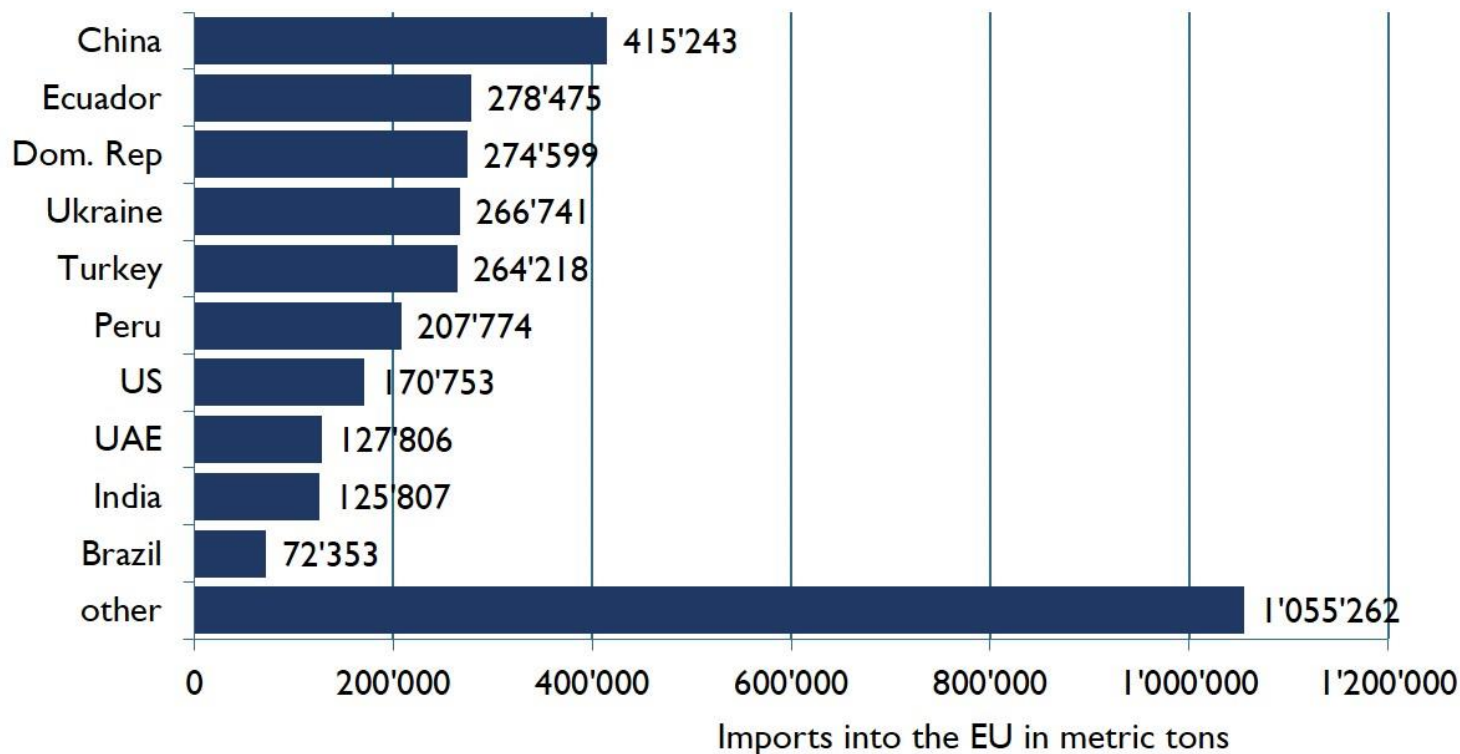
Imports

- New import statistics from the European Union, based on data from the certifiers, were published in March 2019
- Will be updated annually
- Now, data from the biggest organic markets – EU and USA - are available (US only for selected commodities)
- Bringing these data together and comparing them with production and retail sales volumes, could potentially help improve transparency



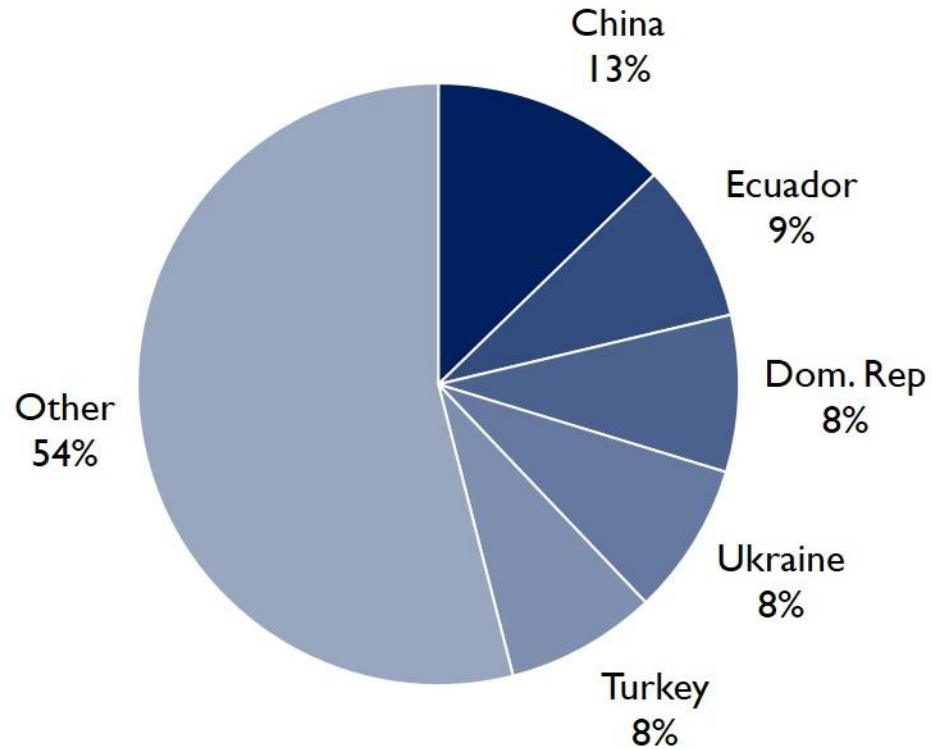
Top ten exporters to EU (Total export volume in MT > 3 million MT)

Source: Traces/European Commission 2019



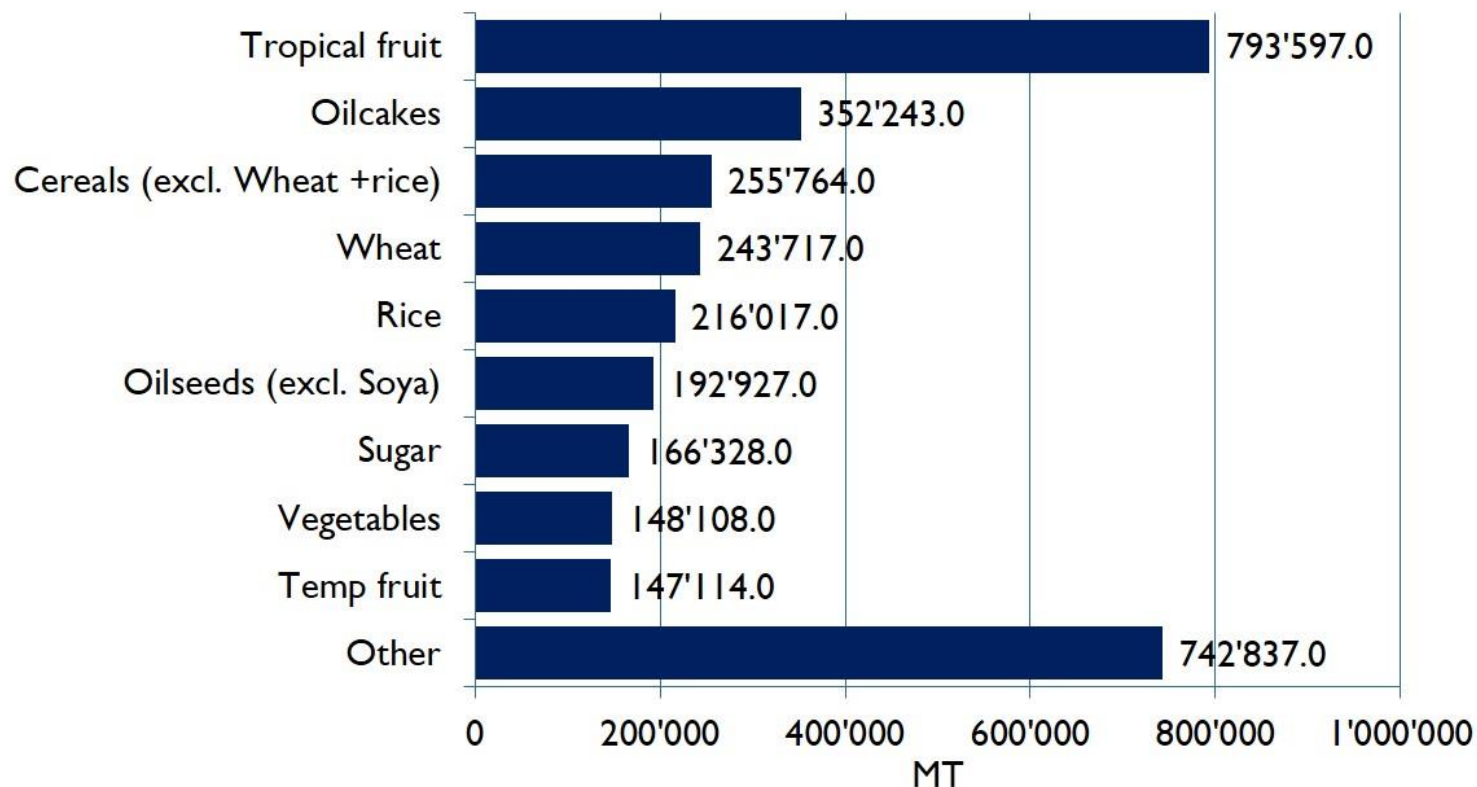
European Union: Distribution of top exporters to the EU based on organic export volume in MT

Source: Trace/European Union



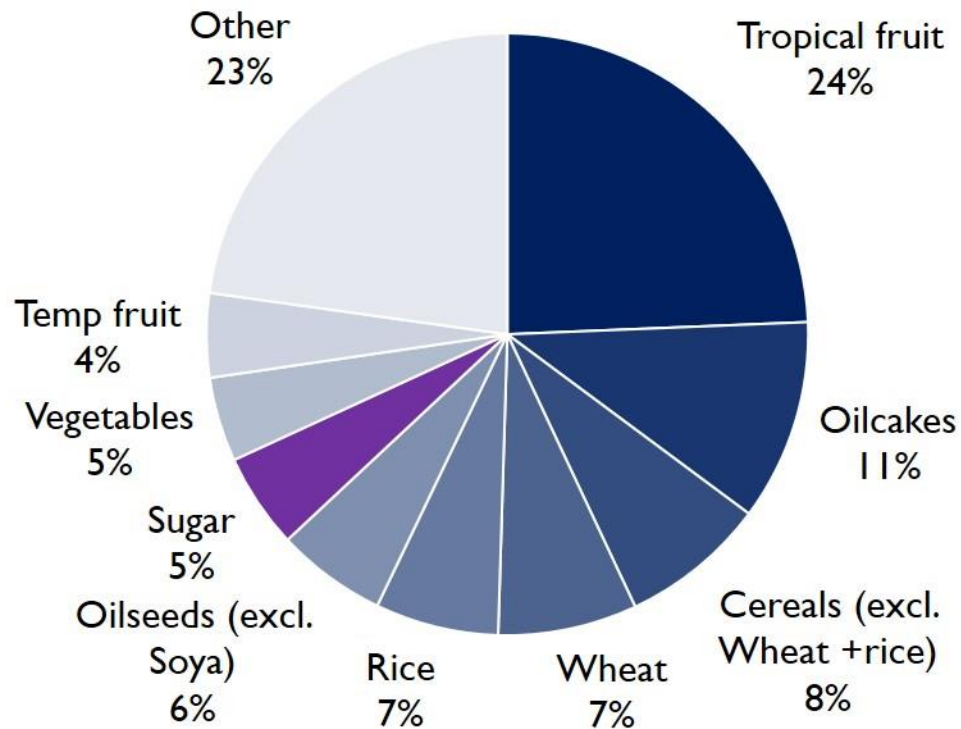
Imports to the European Union by crop/crop group 2018

Source: European Commission/Traces



European Union: Distribution of top import products based on export volume in MT

Source: Trace/European Union

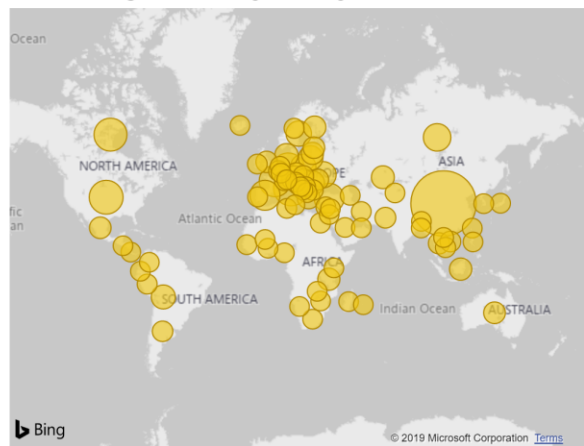


Digitalizing visual data

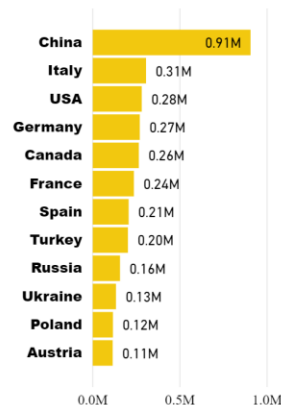
Digitalizing visual data provides numerous advantages, including:

- A wider dissemination and reach of the data
- Facilitated access to specific information.
- Easier continuous data update
- Interested parties can download and analyse data in its raw form.
- Opportunity to spot inconsistent data – a tool for detecting fraud?
- Statistics.FiBL.org

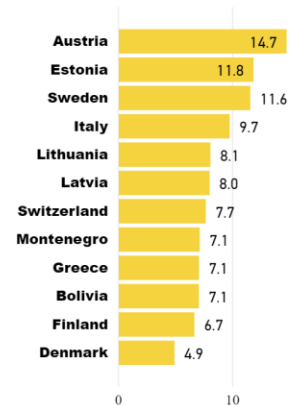
Cereals: Organic area by country



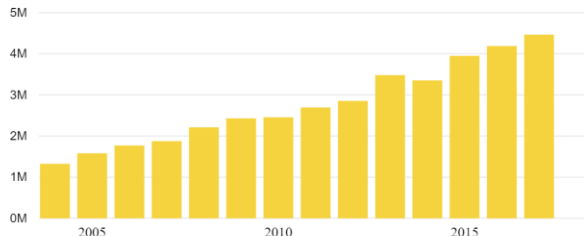
The countries with the largest organic area in million hectares



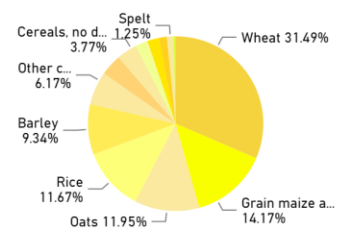
The countries with the highest organic area share in %



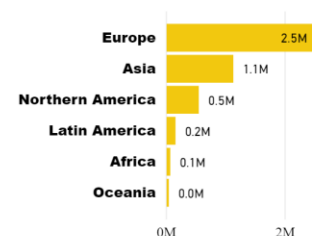
The development of the organic cereal area in million hectares



Distribution of the organic area by cereal type

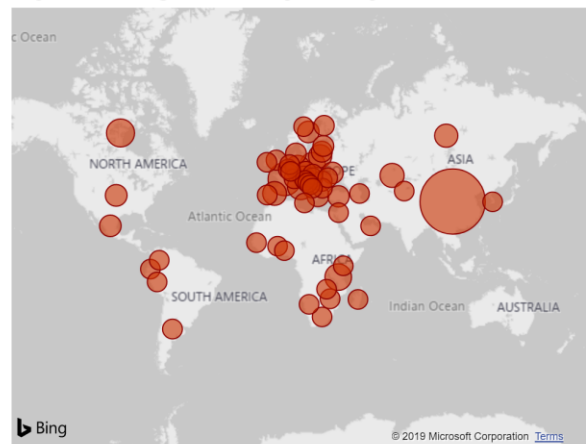


Organic area by continent in million hectares

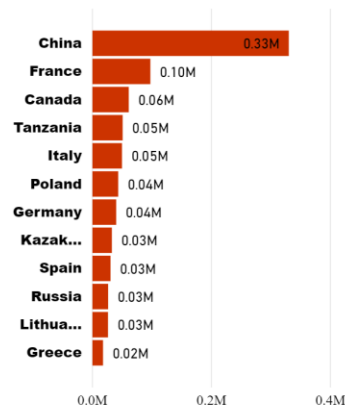


FiBL survey based on national data sources, data from certifiers, and Eurostat: <https://statistics.fibl.org>

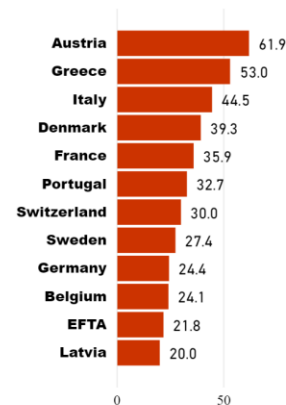
Dry Pulses: Organic area by country



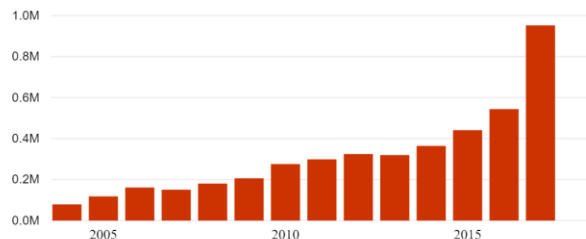
The countries with the largest organic area in million hectares



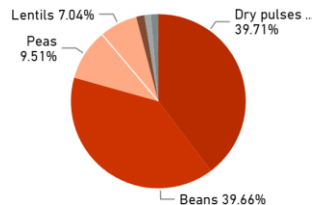
The countries with the highest organic area share in %



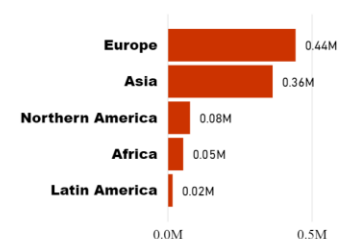
The development of the organic dry pulse area in million hectares



Distribution of the organic dry pulse area by type



Organic area by continent in million hectares

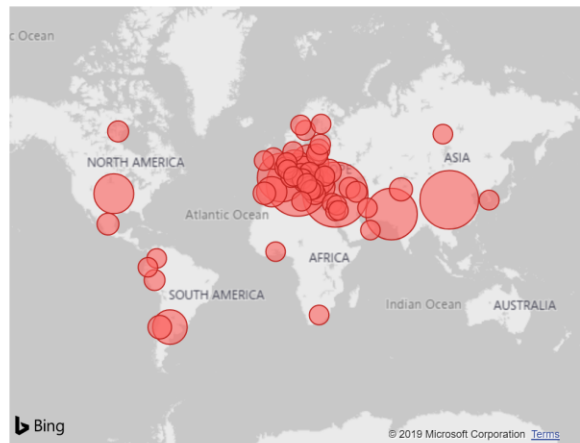


FiBL survey based on national data sources, data from certifiers, and Eurostat: <https://statistics.fibl.org>

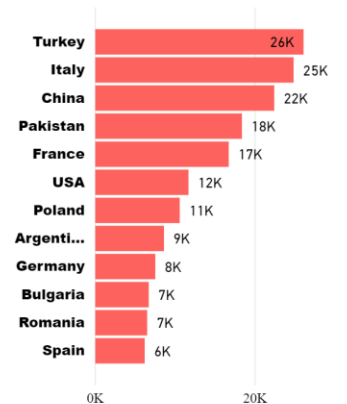
FiBL Temperate Fruit: Organic Area 2017

204 000 hectares or 1.7% of the global temperate fruit area is organic

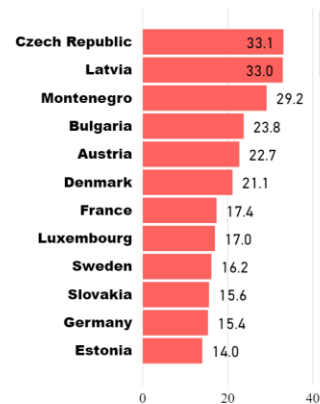
Temperate fruit: Organic area by country



The countries with the largest organic area in million hectares



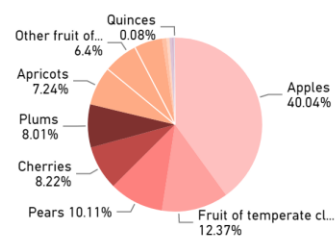
The countries with the highest organic area share in %



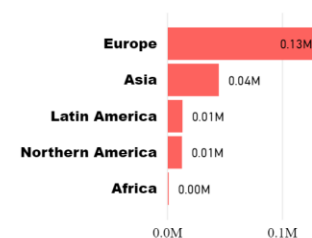
The development of the organic temperate fruit area in million hectares



Distribution of the organic area by temperate fruit type



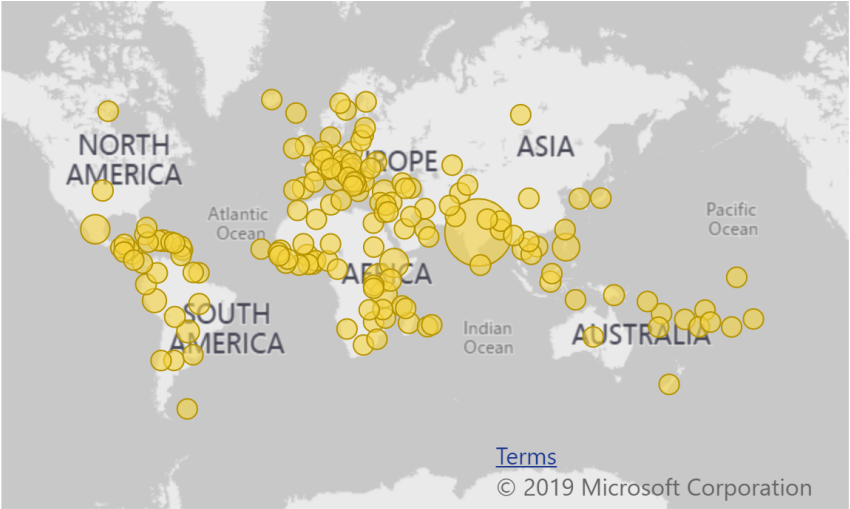
Organic area by continent in million hectares



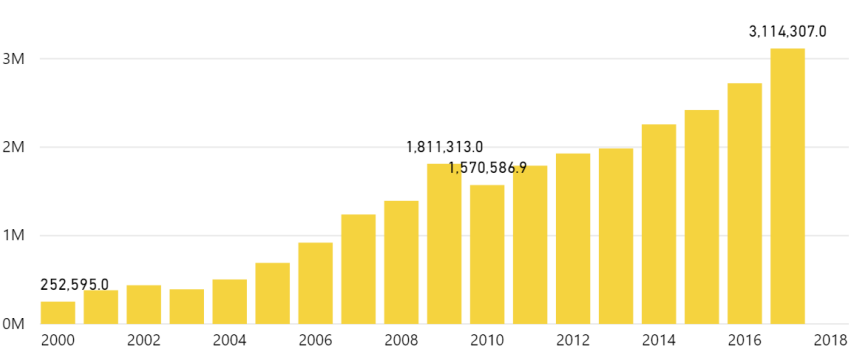
FiBL survey based on national data sources, data from certifiers, and Eurostat: <https://statistics.fibl.org>

FiBL Organic producers 2017

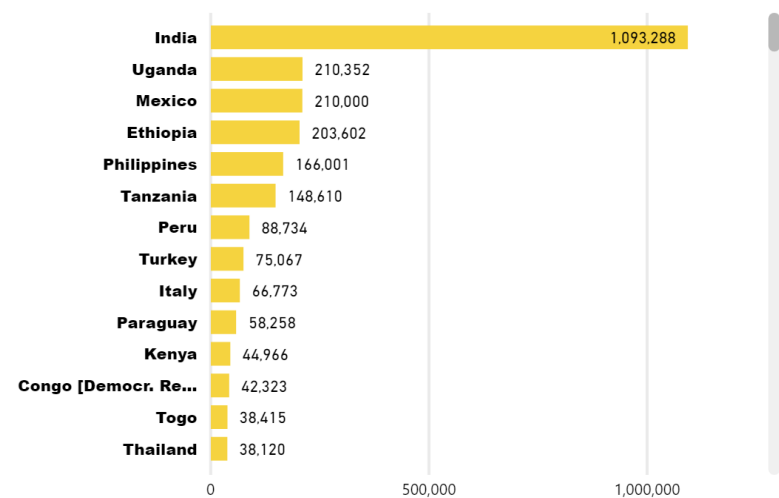
Organic producers by country



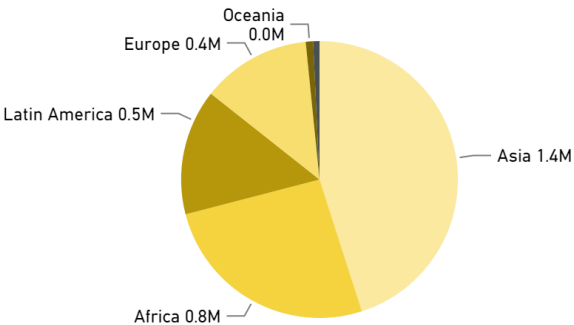
The development of the number of organic producers



Organic producers



Organic producers by continent





Eurostat on SDG indicator 2.4.1: "Proportion of agricultural area under productive and sustainable agriculture"

- The indicator “**Area under organic farming**” can be considered as part of global SDG indicator 2.4.1 "Proportion of agricultural area under productive and sustainable agriculture".
- While organic farming is not explicitly mentioned in the Agenda 2030, **the EU considers organic farming as a method of production, which puts the highest emphasis on environmental protection and, with regard to livestock production, animal welfare considerations.** It avoids or largely reduces the use of synthetic chemical inputs such as fertilisers, pesticides, additives and medical products.
- The indicator measures the share of total utilised agricultural area (UAA) occupied by organic farming (existing organically-farmed areas and areas in process of conversion).
- https://ec.europa.eu/eurostat/cache/metadata/en/sdg_02_40_esmsip2.htm

How has the EU progressed towards SDG 2?

Enlarge



Legend:

Indicator with quantitative target (Click the icon to download the indicator targets).
In this case, the arrow should be interpreted according to the left-hand column below; for all other indicators according to the right-hand column below.

↑	Significant progress towards EU target	Significant progress towards SD objectives
↗	Moderate progress towards EU target	Moderate progress towards SD objectives
↘	Insufficient progress towards EU target	Moderate movement away from SD objectives
↓	Movement away from EU target	Significant movement away from SD objectives

: Calculation of trend not possible (for example, time series too short)

Malnutrition		
👤👤	Obesity rate	:
Sustainable agricultural production		
👤	Agricultural factor income per annual work unit (AWU)	↑
🌱	Area under organic farming	↑
🌾	Gross nitrogen balance on agricultural land	↘
💡	Government support to agricultural research and development	↓
Adverse impacts of agricultural production		
🌊	Estimated soil erosion by water	:
💧	Nitrate in groundwater	↑ 🎯
🐄	Ammonia emissions from agriculture	↘
🐦	Farmland bird index	↘
🦋	Grassland butterfly index	↓



(1) Data refer to the member countries of the European Environment Agency.
(2) The EU aggregate changes depending on countries joining the Pan-European Common Birds Monitoring Scheme.
Source: Eurostat (former data index: sdg_02_14, sdg_02_20, sdg_02_30, sdg_02_40, sdg_02_44, sdg_02_54, sdg_02_64, sdg_02_68, sdg_15_30, sdg_15_40 and sdg_15_41)



Title

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year of

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Rating

lture des Pays de la...

2015

Fulfilling 100 % organic poultry diets: roughage and foraging from the range

Organic Research Centre ORC, Elm Farm

2015

Foraging sows on high-protein grassland

French Research Institute for Organic Farming ITAB

2018

Feed in organic production

Swedish board of Agriculture

2016

Planting an outdoor area for organic laying hens

Økologisk Landsforening

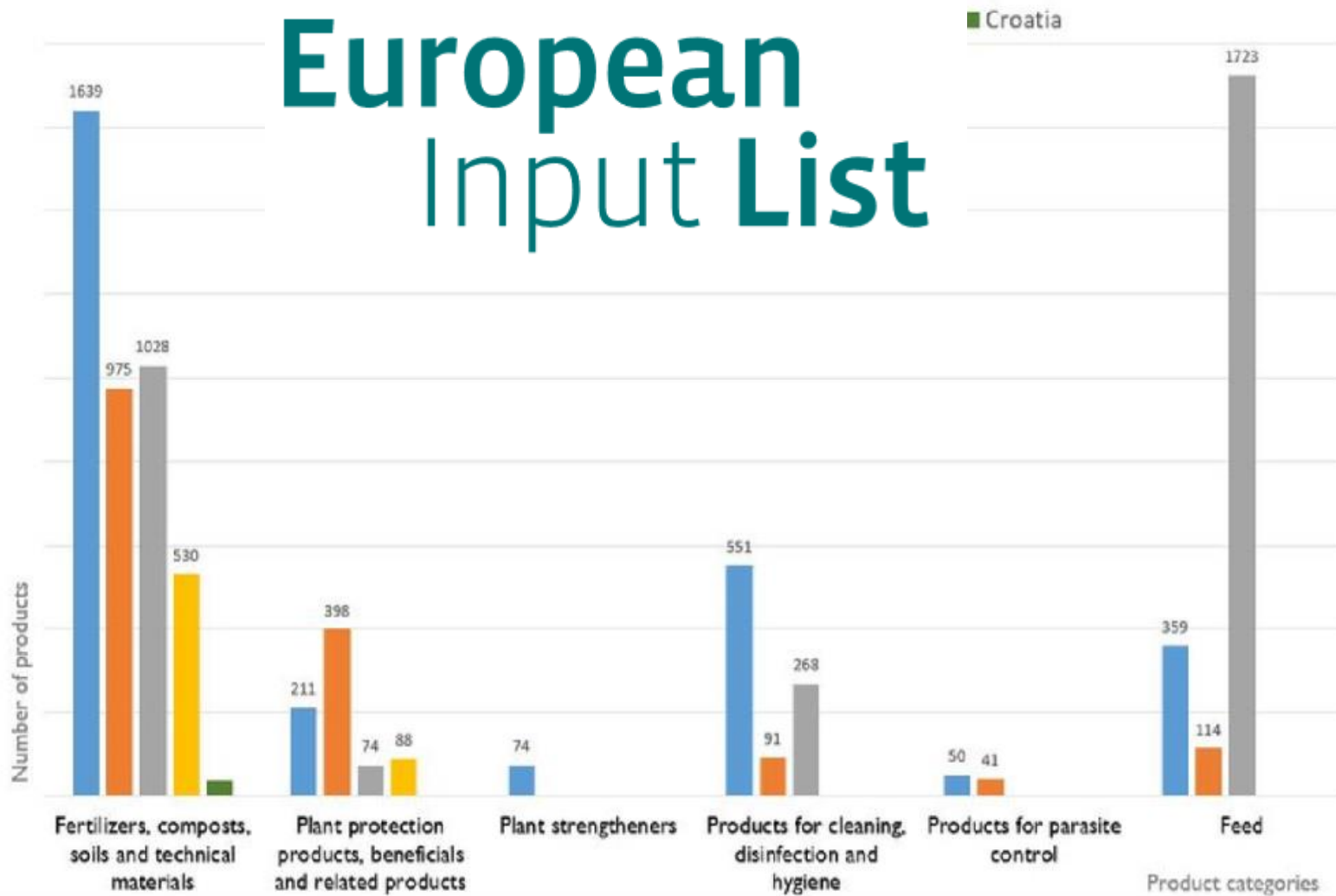
2015

Grass protein - a golden chance to improve organic farming

SEGES

2018

European Input List



Category "Vegetables"

Menu



Filter list of crops

Crop

[Lycopersicon spp. Tomato rootstock](#)
[Amaranthus tricolor](#)
[Artichoke](#)
[Artichoke Thistle, Cardoon](#)
[Asia-Greens](#)
[Asparagus \(Garden Asparagus\)](#)
[Asparagus Bean, Snake Bean, Chinese Long Bean, Cowpea](#)
[Asparagus Pea, Wringed Pea](#)
[Aubergine \(Egg-Plant\)](#)



Botanical name

[Solanum spp.](#)
[Amaranthus tricolor](#)
[Cynara cardunculus](#)
[Cynara cardunculus L](#)
[Brassica species](#)
[Asparagus officinalis L.](#)
[Vigna unguiculata ssp. sesquipedalis](#)
[Tetragonolobus purpureus](#)
[Solanum melongena](#)

**Thank you very much for your
attention!**

Resources

- «The World of Organic Agriculture» at www.organic-world.net
- Slides and infographics at www.organic-world.net
- **Twitter.com/fiblstatistics**
- Interactive data tables and data visualisations at **statistics.fibl.org**
- Interactive maps at www.organic-world.net
- Interactive map Organic in Europe at www.ifoam-eu.org



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The World of Organic Agriculture at BIOFACH 2018

The session on global organic farming and market trends will take place from 4 pm to 4.45 pm, on February 14, 2018 at BIOFACH, NürnbergMesse, Nürnberg, Germany.

(05/01/2018) At this session, the latest data on organic agriculture worldwide, regulations and organic markets will be presented and the 19th edition of The World of Organic Agriculture, the yearbook on global organic agriculture, will be launched.

Presenter

> Markus Arbenz, Executive Director, IFOAM - Organics International, Germany

Speakers

- > Dr. Helga Willer, Research Institute of Organic Agriculture FiBL, Switzerland
- > Julia Lernoud, Research Institute of Organic Agriculture FiBL, Switzerland
- > Beate Huber, Research Institute of Organic Agriculture FiBL, Switzerland
- > Amarjit Sahota, President Ecovia Intelligence, UK
- > Barbara Jäggin, SECO, Swiss Cooperation Office, Switzerland

Further information

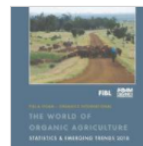
Contact

✉ [Helga Willer](mailto:Helga.Willer@fibl.ch), FiBL, Frick, Switzerland

Link

> BIOFACH.de: [The World of Organic Agriculture at BIOFACH 2018](#)

The World of Organic Agriculture 2018

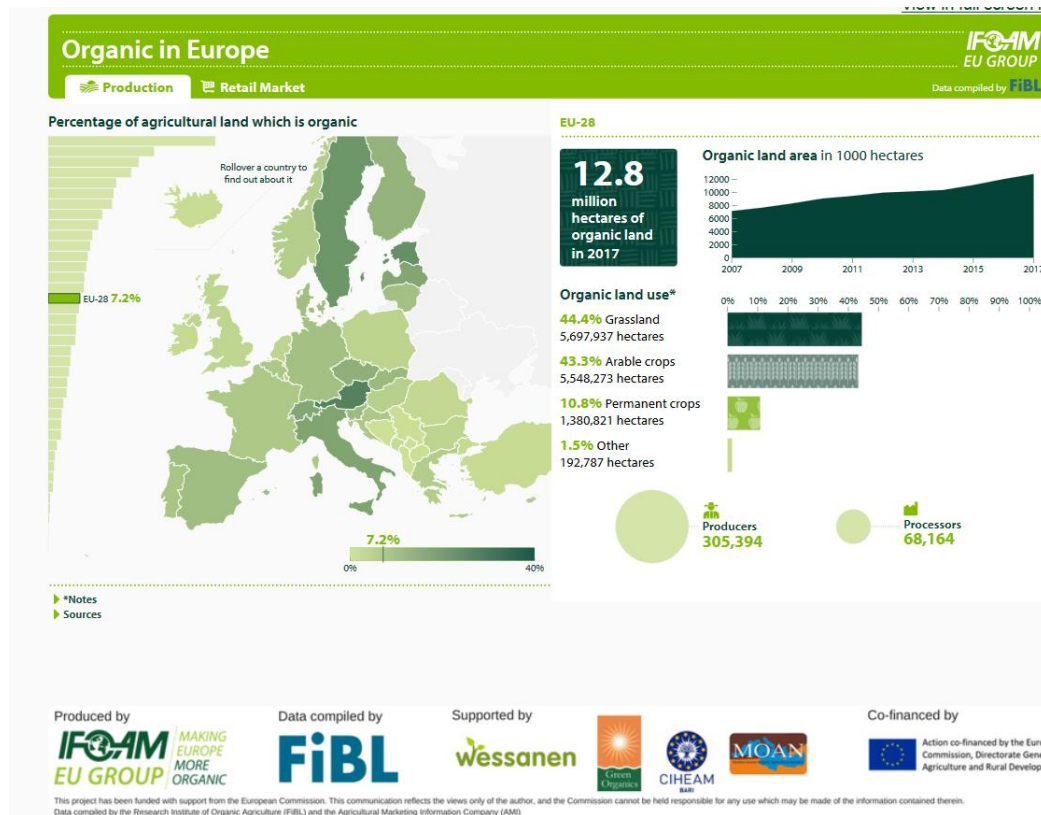


[The World of Organic Agriculture 2018](#)

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