



# **Organic Agriculture Worldwide: Key results from the FiBL survey on organic agriculture worldwide 2016 Part 3: Organic agriculture in the regions 2014**

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Research Institute of Organic Agriculture (FiBL), Frick, Switzerland  
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# Organic Agriculture Worldwide: Key results from the FiBL-IFOAM survey on organic agriculture worldwide 2016: Part 3: Organic agriculture in the regions 2014

- › Data compiled by the Research Institute of Organic Agriculture FiBL, Frick, Switzerland, based on national data sources and data from certifiers.
- › Data as published February 2016 in FiBL & IFOAM – Organics International (2016) The World of Organic Agriculture. Statistics and Emerging Trends 2016. Frick and Bonn
- › For updates check [www.organic-world.net](http://www.organic-world.net)
- › This presentation is available online at: <http://www.organic-world.net/yearbook/yearbook2016/slide-presentations.html>
- › Texts and graphs: Helga Willer and Julia Lernoud; Research Institute of Organic Agriculture FiBL, Frick, Switzerland
- › Contact: Helga Willer, [helga.willer@fibl.org](mailto:helga.willer@fibl.org), and Julia Lernoud, [julia.lernoud@fibl.org](mailto:julia.lernoud@fibl.org), Research Institute of Organic Agriculture, FiBL, Frick, Switzerland.
- › © Research Institute of Organic Agriculture (FiBL), Frick, Switzerland, February, 2016

# Acknowledgements\*

- › The Swiss State Secretariat of Economic Affairs SECO, Berne



- › International Trade Centre ITC



- › Nürnberg Messe, the organizers of the BioFach World Organic Trade Fair

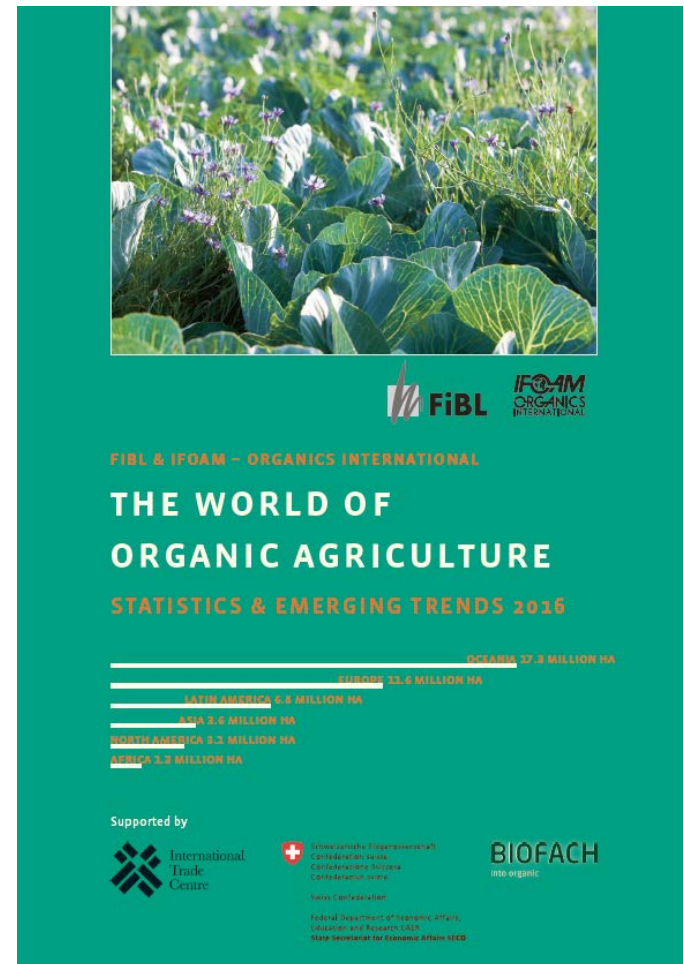


- › 200 experts from all parts of the world contributed to the FiBL survey 2016.

\* See also disclaimer on last page of this slide show

# The World of Organic Agriculture 2016

- › The 17th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM in February 2016.\*
- › Contents:
  - › Results of the survey on organic agriculture worldwide;
  - › Organic agriculture in the regions and country reports; Australia, Canada, the Pacific Islands, and The United States of America.
  - › Chapters on the global market, standards & legislations, voluntary standards, PGS, European market, data collection in Thailand and Australia
  - › Numerous tables and graphs.
  - › New additions:
    - Better Data: highlights examples of how organic market data are collected and associated challenges
    - Commodity case studies: a section for the analysis of selected commodities
  - › The book can be ordered via [IFOAM.bio](http://IFOAM.bio) and [shop.FiBL.org](http://shop.FiBL.org).
  - › \*Willer, H, Lernoud, J, (2016) The World of Organic Agriculture. Statistics and Emerging Trends 2016. FiBL, Frick, and, IFOAM – Organics International, Bonn



# Website www.organic-world.net

- › Detailed statistics in excel format
- › Graphs & Maps
- › Data revisions
- › News and background information

The screenshot displays the 'Organic World' website interface. At the top, the title 'Organic World' is followed by the subtitle 'Global organic farming statistics and news'. A navigation bar includes links for Home, News, About, Statistics, Yearbook (highlighted), Q&A, Country info, Link library, and Contact / Site info. Below the navigation bar, a list of yearbooks from 2016 down to 2000-2007 is provided. The 'Yearbook "The World of Organic Agriculture"' section is expanded, showing a description of the publication and its funding sources. On the right side, there are two featured yearbook covers: 'The World of Organic Agriculture 2016' and 'The World of Organic Agriculture 2015', each with a list of available resources like 'Table of contents', 'Press release', and 'Order book'. The footer area contains logos for FIBL, International Trade Centre, and IFOAM ORGANICS INTERNATIONAL, along with BIOFACH.

# About this presentation

- › There are 3 presentations summarizing the key results of the FiBL survey on organic agriculture worldwide 2016 (data 2014). Apart from the global data, key results on crop and on regional data are presented.
- › More information is available at [www.organic-world.net](http://www.organic-world.net)
- › The following three presentations are available at <http://www.organic-world.net/yearbook/yearbook2016/slide-presentations.html> :
  - › Part 1: Global data 2014 and survey background
  - › Part 2: Land use and key crops in organic agriculture 2014
  - › Part 3: Organic agriculture in the regions 2014

# The 17th Survey on organic agriculture worldwide

- › The 17th survey on organic agriculture worldwide was carried out by the Research Institute of Organic Agriculture FiBL in cooperation with partners from all around the world. The results were published jointly by FiBL and IFOAM – Organics International.
- › The survey was carried out between July 2015 and February 2016.
- › Data were received from 172 countries.
- › New countries included: Kiribati, Puerto Rico, Suriname, and the US Virgin Islands.
- › Updated data on area and producers were available for 135 countries.
- › Data was provided by almost 200 country experts (representatives from NGOs, certification bodies, governments, researchers).
- › The following data was collected: area data (including land use and crop details); producers, other operator types; domestic market values; export and import data; and livestock data (animal heads and production in metric tons);
- › The results are published in the yearbook “The World of Organic Agriculture 2016” and at [www.organic-world.net](http://www.organic-world.net).





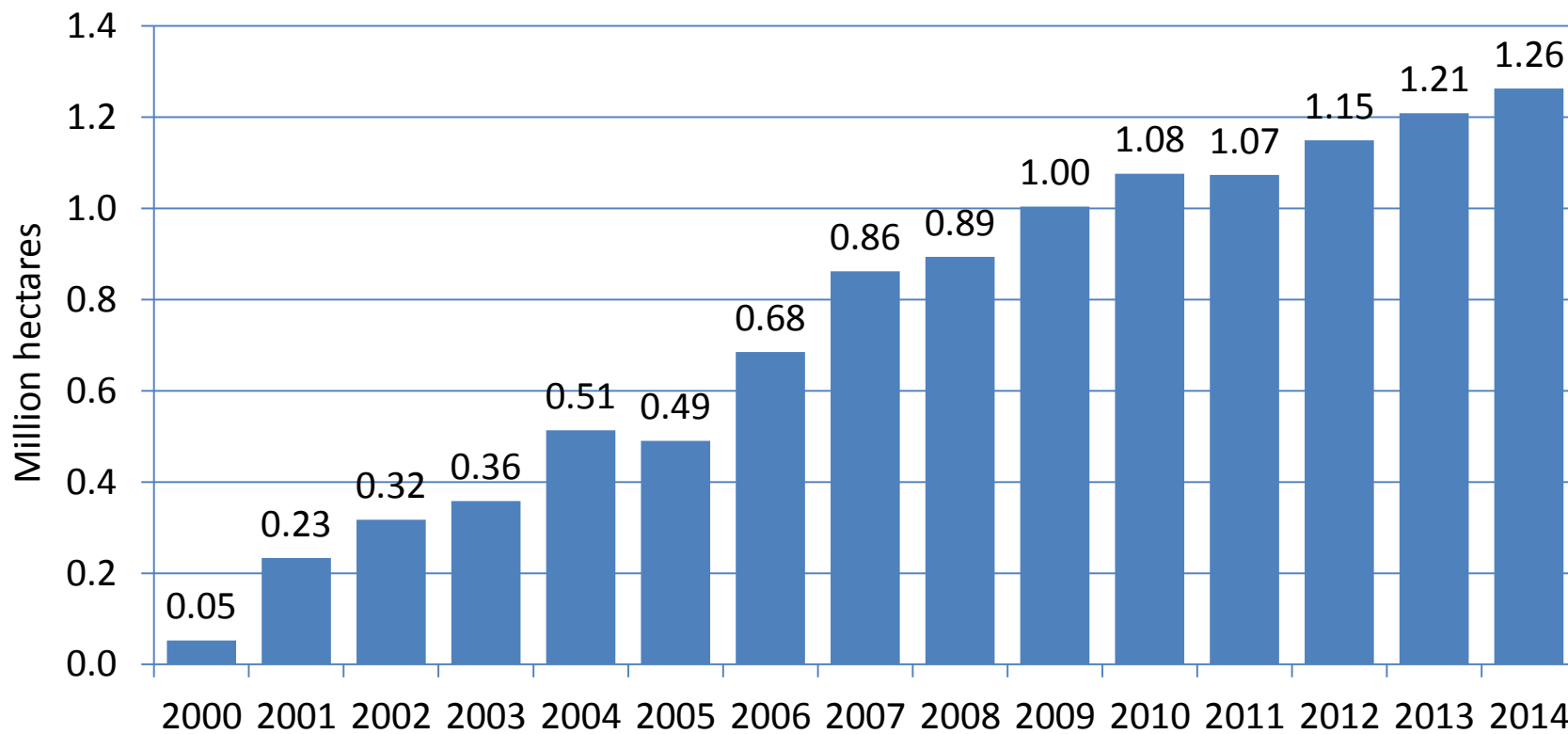
# Africa: Organic agriculture in Africa 2014

- › In Africa, there were 1.3 million hectares of certified organic agricultural land (data 2014).
- › This constitutes about three percent of the world's organic agricultural land.
- › More than 593'000 producers were reported.
- › The countries with the most organic land are Uganda (240'197 hectares), Tanzania (186'537 hectares, 2013), and Ethiopia (160'987 hectares, 2013).
- › The highest shares of organic land are in Sao Tome and Prince (12 percent), Egypt (2.3 percent), and Uganda (1.7 percent).
- › The majority of certified organic produce in Africa is destined for export markets.
- › The European Union, as the major recipient of these exports, is Africa's largest market for agricultural produce.

# Africa: Development of organic agricultural land 2000-2014

## Africa: Development of organic agricultural land 2000 to 2014

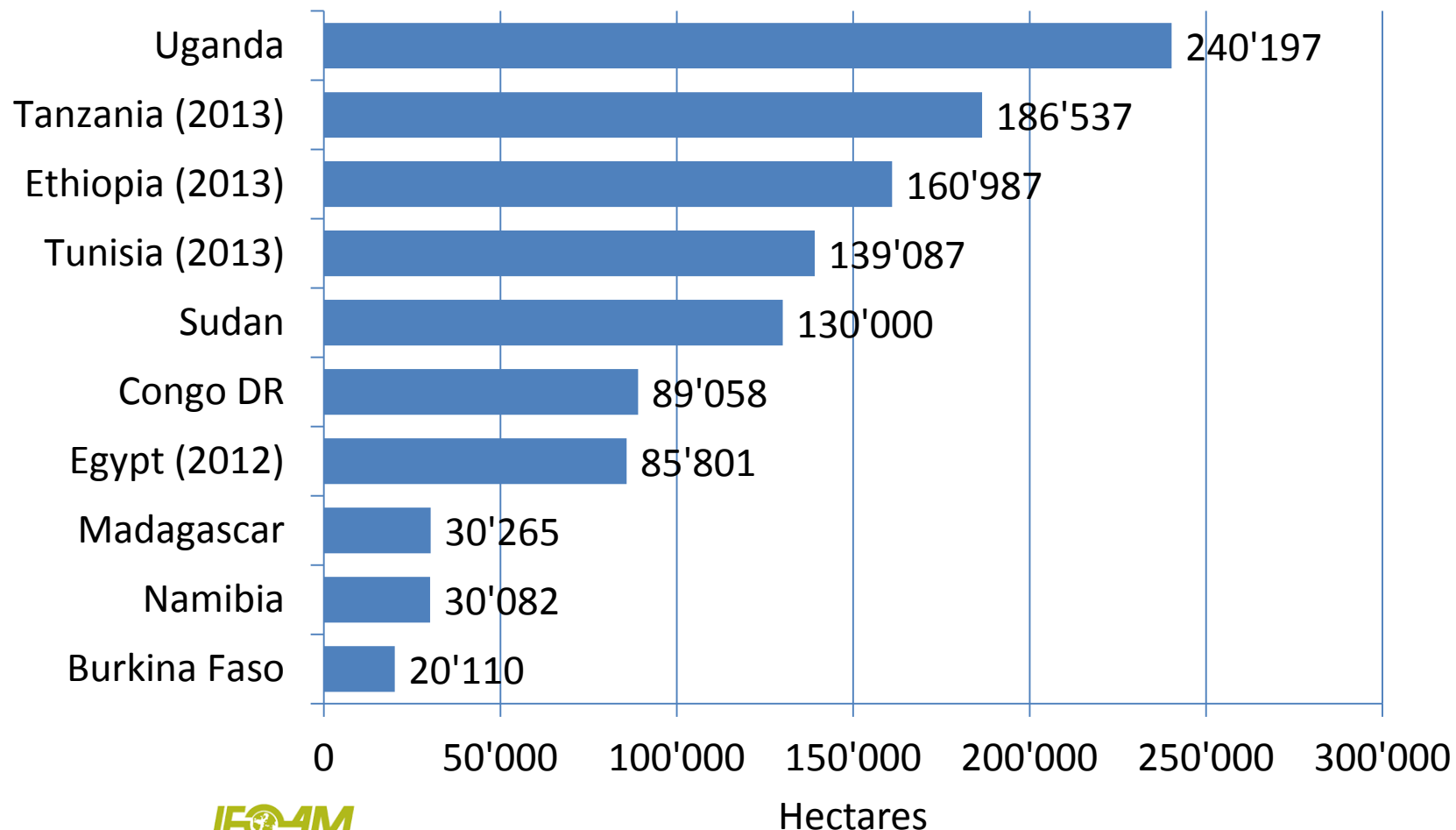
Source: FiBL-IFOAM-SOEL 2001-2016



# Africa: The ten countries with the most organic agricultural land 2014

## Africa: The ten countries with the largest organic area 2014

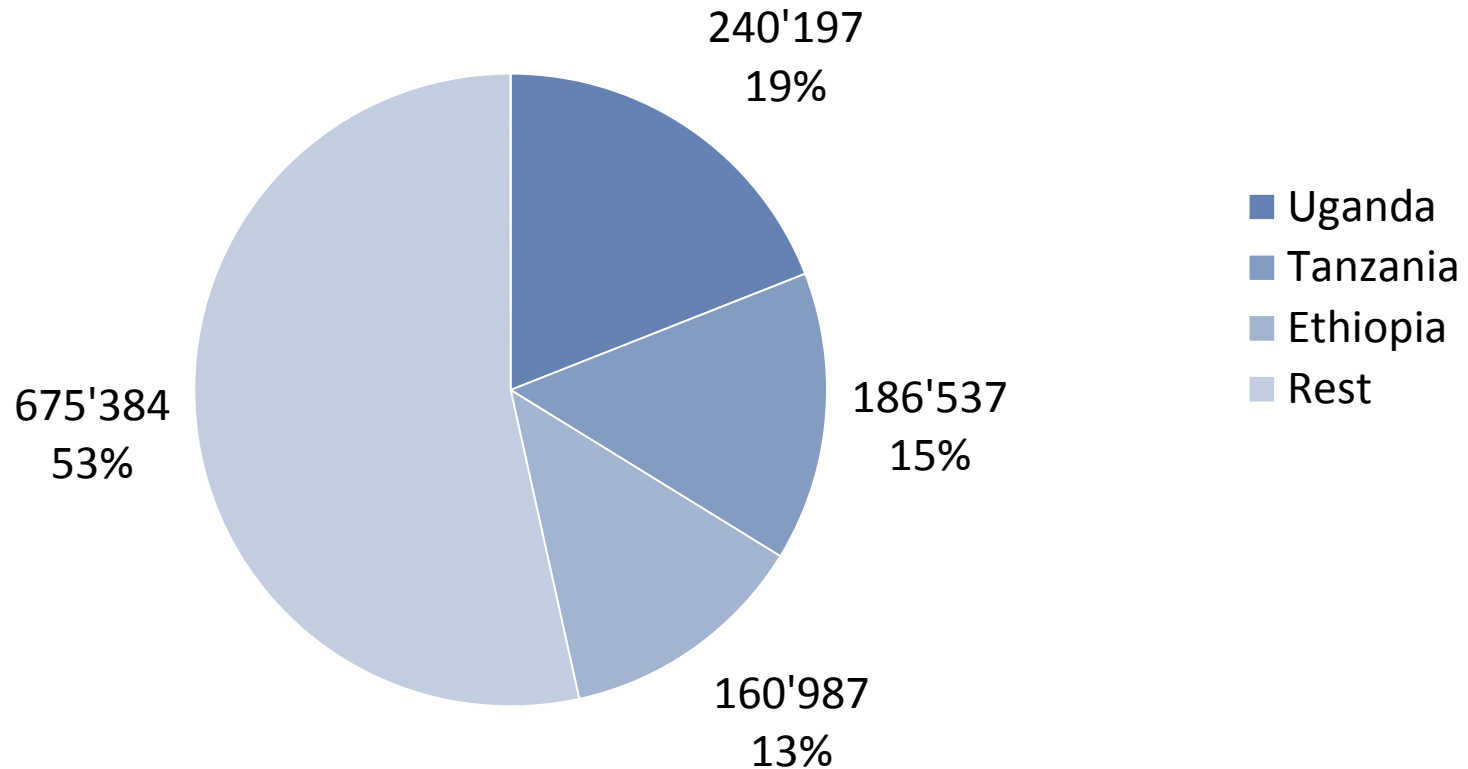
Source: FiBL survey 2016



# Africa: Distribution of organically managed agricultural land by country 2014

## Africa: Distribution of organically managed agricultural land by country 2014

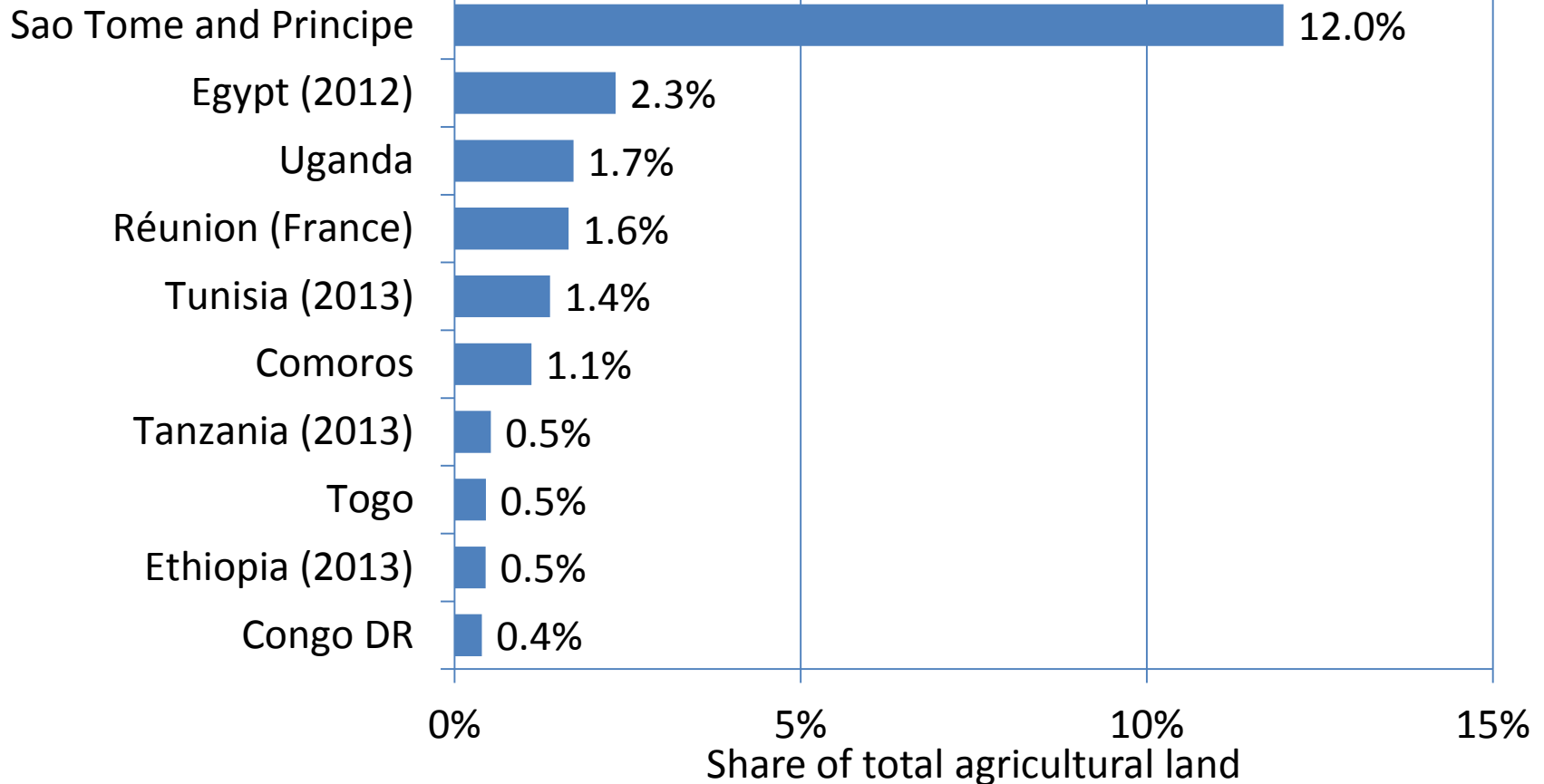
Source: FiBL survey 2016



# Africa: The ten countries with the highest shares of organic agricultural land 2014

## Africa: The countries with the highest share of organic agricultural land 2014

Source: FiBL survey 2016

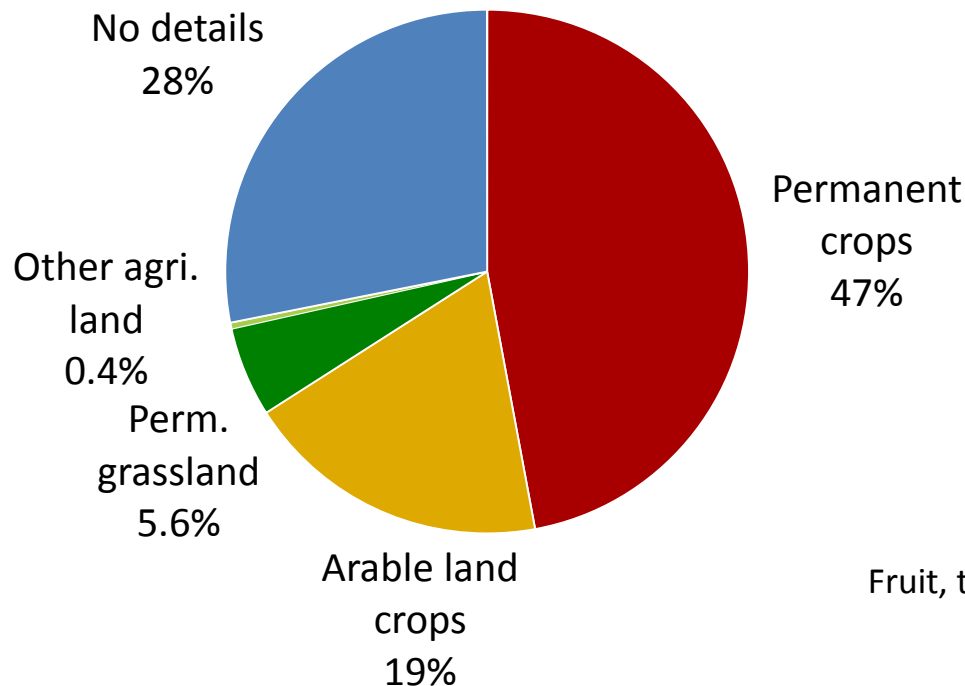


# Africa: Use of organic agricultural land 2014

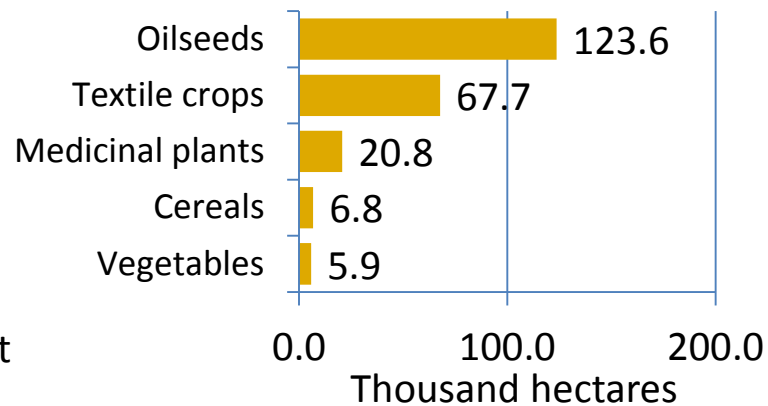
## Africa: Use of organic agricultural land 2014

Source: FiBL survey 2016; based on information from the private sector, certifiers, and governments.

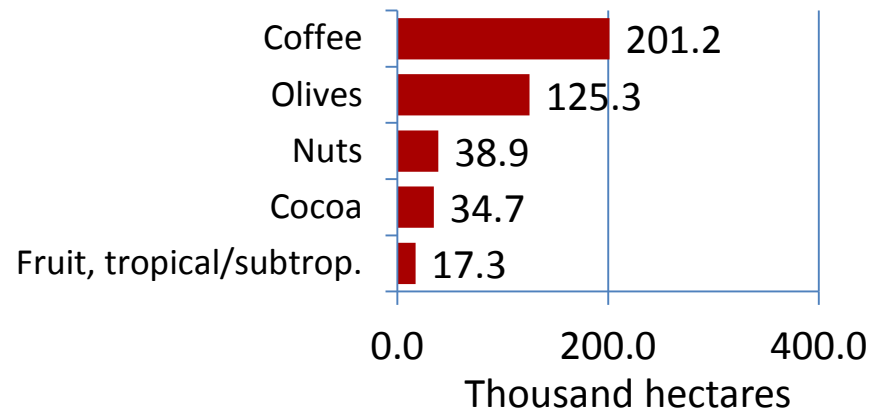
Land use types 2014



Key arable crops



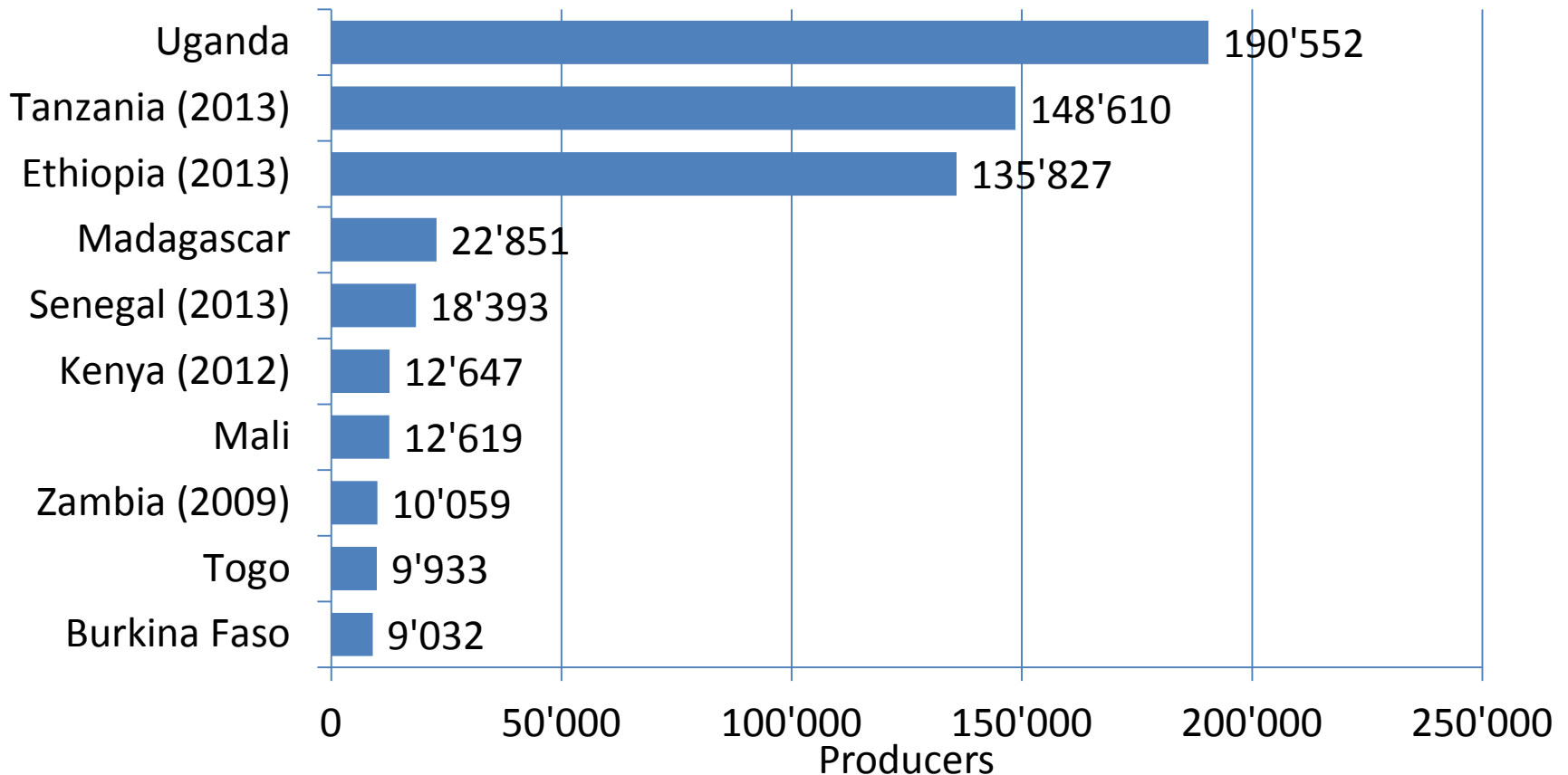
Key permanent crops



# Africa: The ten countries with the largest number of organic producers 2014

## Africa: The ten countries with the largest number of organic producers 2014

Source: FiBL survey 2016



# Articles about Africa in the 2016 edition of "The World of Organic Agriculture"

- › Latest Developments in Organic Agriculture in Africa, Jordan Gama





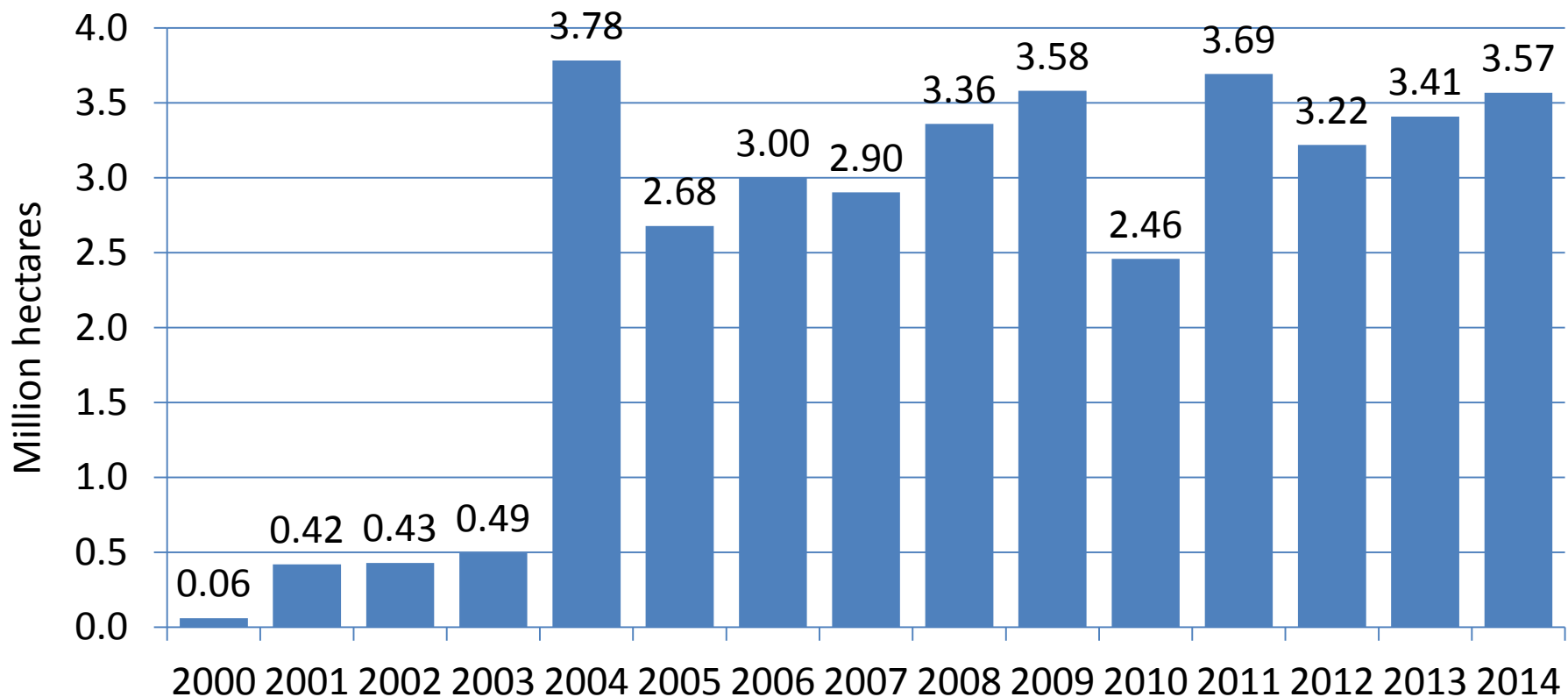
# Asia: Organic Agriculture in Asia – Key Figures 2014

- › The total organic agricultural area in Asia was 3.6 million hectares in 2014.
- › This constitutes eight percent of the world's organic agricultural land.
- › There were more than 0.9 million producers reported.
- › The leading countries by organic agricultural land are China (1.9 million hectares) and India (0.7 million hectares).
- › Timor-Leste has the most organic agricultural area as a proportion of total agricultural land (almost seven percent).

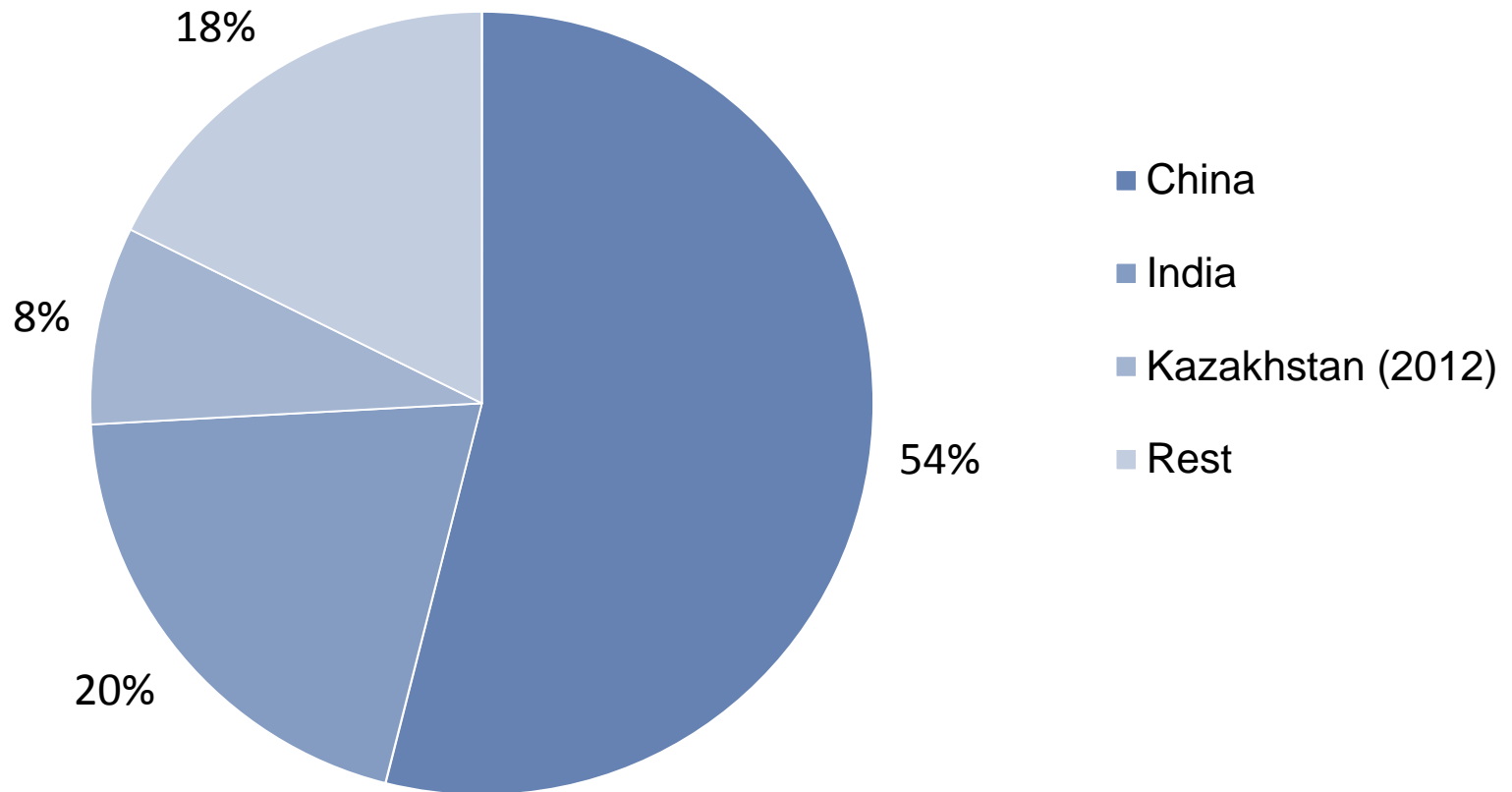
# Asia: Development of organic agricultural land 2000-2014

## Asia: Development of organic agricultural land 2000 to 2014

Source: FiBL-IFOAM-SOEL 2002-2016



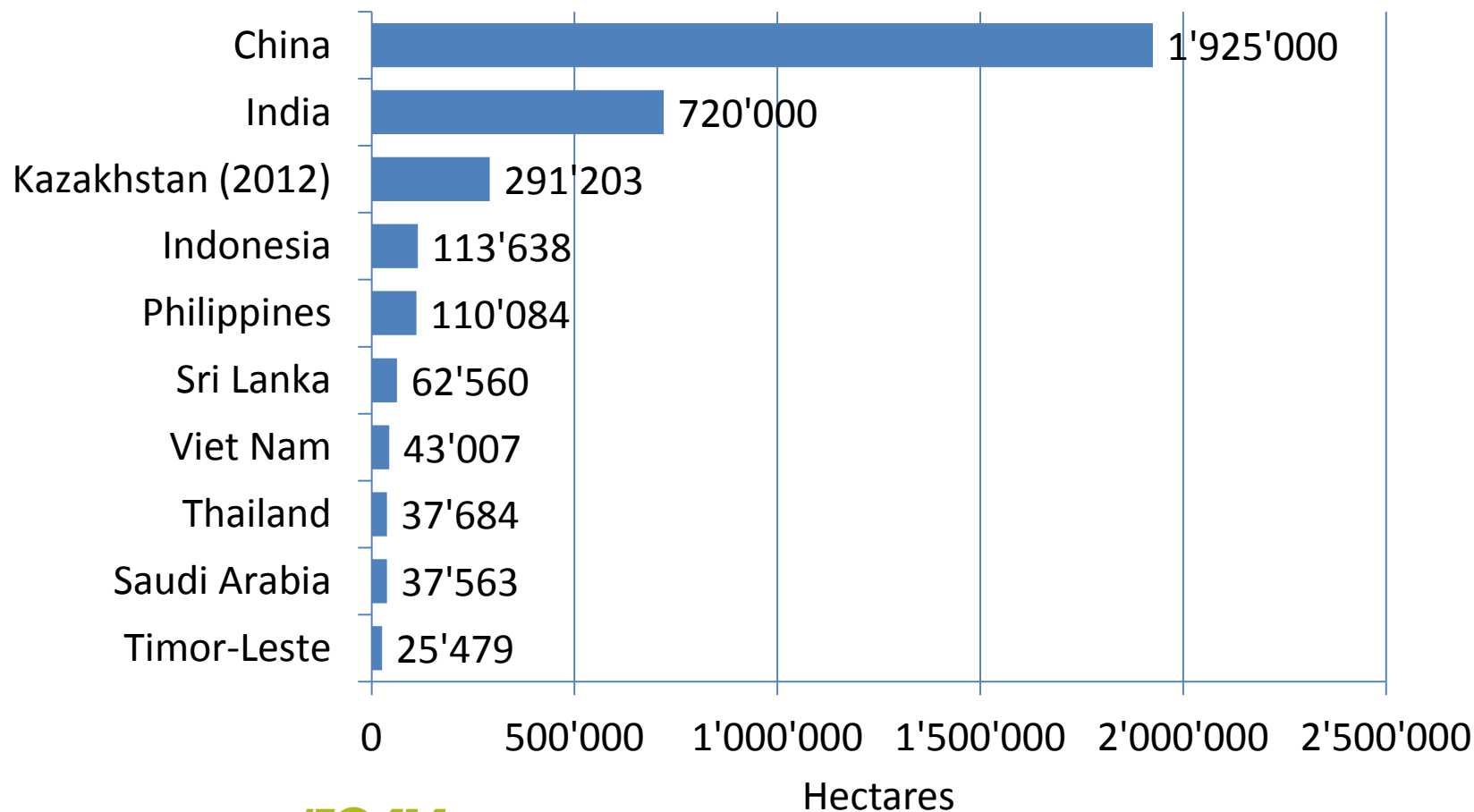
# Asia: Distribution of organic agricultural land by country 2014 (total 3.6 million hectares)



# Asia: The ten countries with the most organic agricultural land 2014

## Asia: The ten countries with the largest organic area 2014

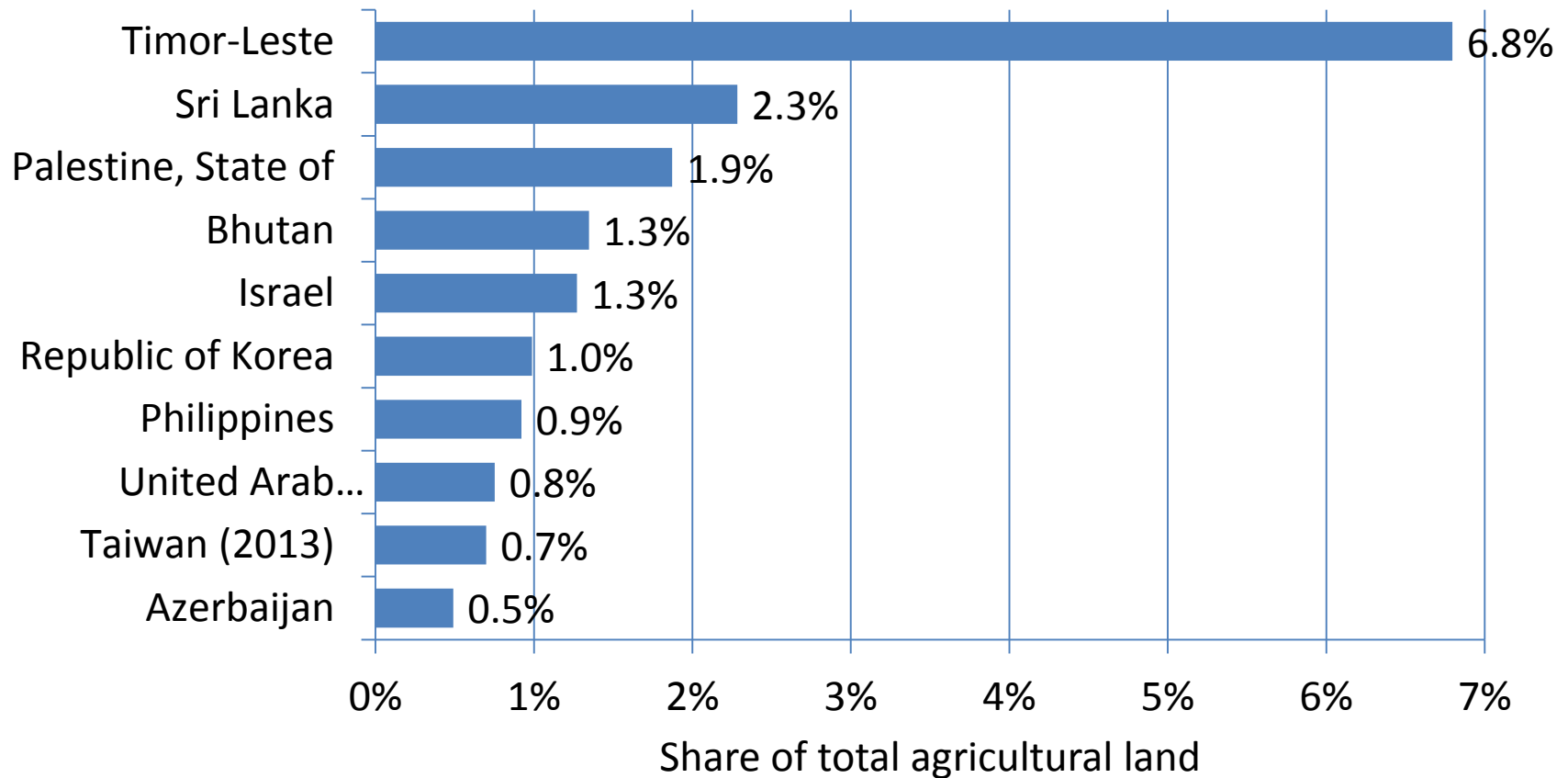
Source: FiBL survey 2016



# Asia: The ten countries/territories with the highest shares of organic agricultural land 2014

## Asia: The countries with the highest share of organic agricultural land 2014

Source: FiBL survey 2016

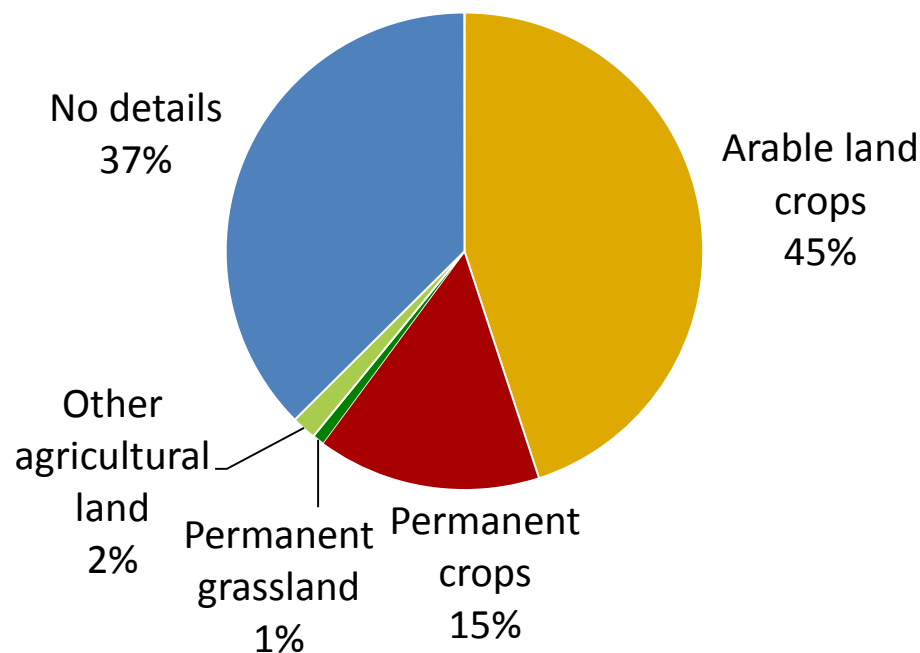


# Asia: Use of organic agricultural land 2014 (total: 3.6 million hectares)

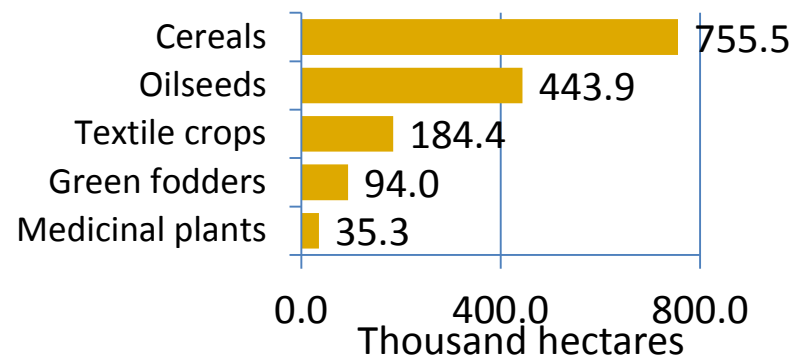
## Asia: Use of agricultural organic land 2014

Source: FiBL survey 2016; based on information from the private sector, certifiers, and governments.

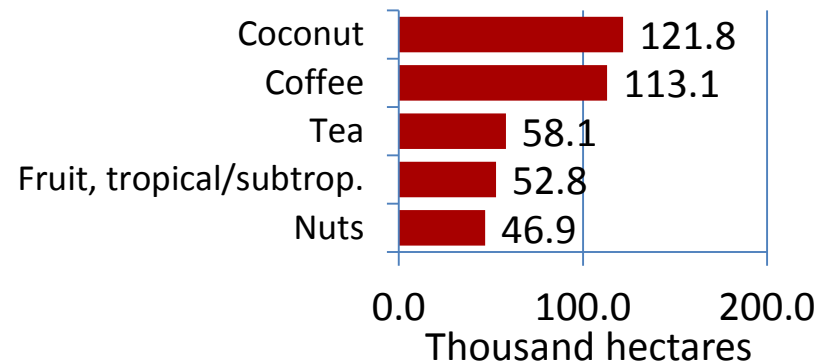
Land use types 2014



Key arable crops



Key permanent crops

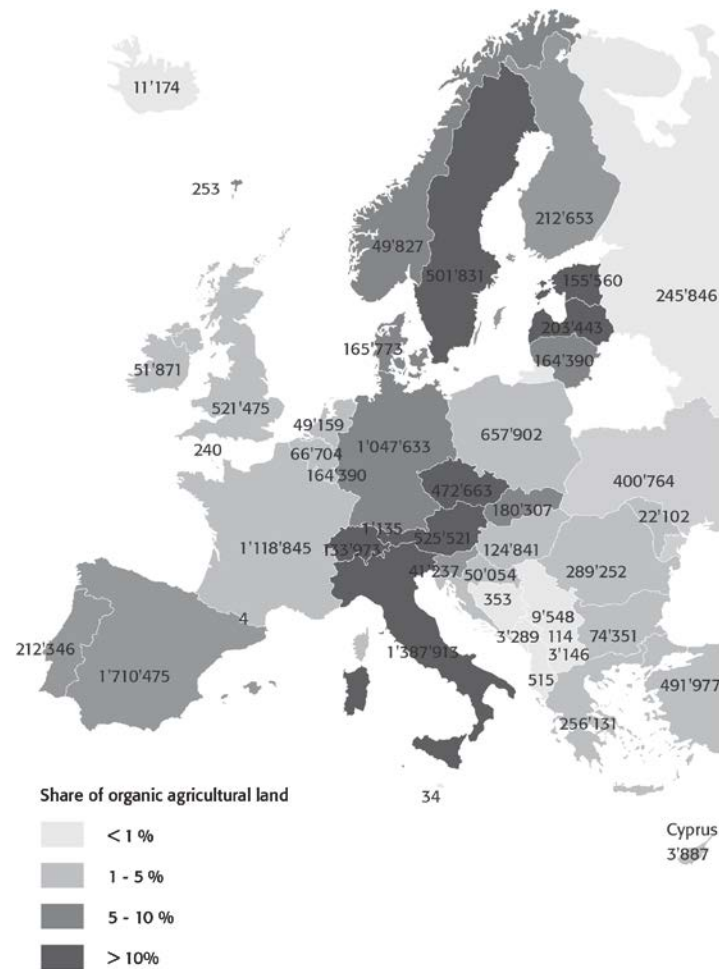


# Articles about Asia in the 2016 Edition of "The World of Organic Agriculture"

- › Organic Asia 2015,  
Ong Kung Wai



# Europe: Organic agricultural land by country 2014



# Organic agriculture in Europe: Key data/indicators 2014

- › 11.6 million hectares of agricultural land are organic (including in conversion areas).
- › This constitutes 2.4 percent of the agricultural land in Europe.
- › The organic agricultural land increased by 0.26 million hectares or 2.3 percent in 2014.
- › Almost 340'000 producers were reported.

# Organic agriculture in the European Union: Key data/indicators 2014

- › 10.3 million hectares of agricultural land are organic (including in conversion areas).
- › This constitutes 5.7 percent of the agricultural land in the European Union.
- › The organic agricultural land increased by 0.11 million hectares or 1.1 percent in 2014.
- › Almost 260'000 producers were reported.

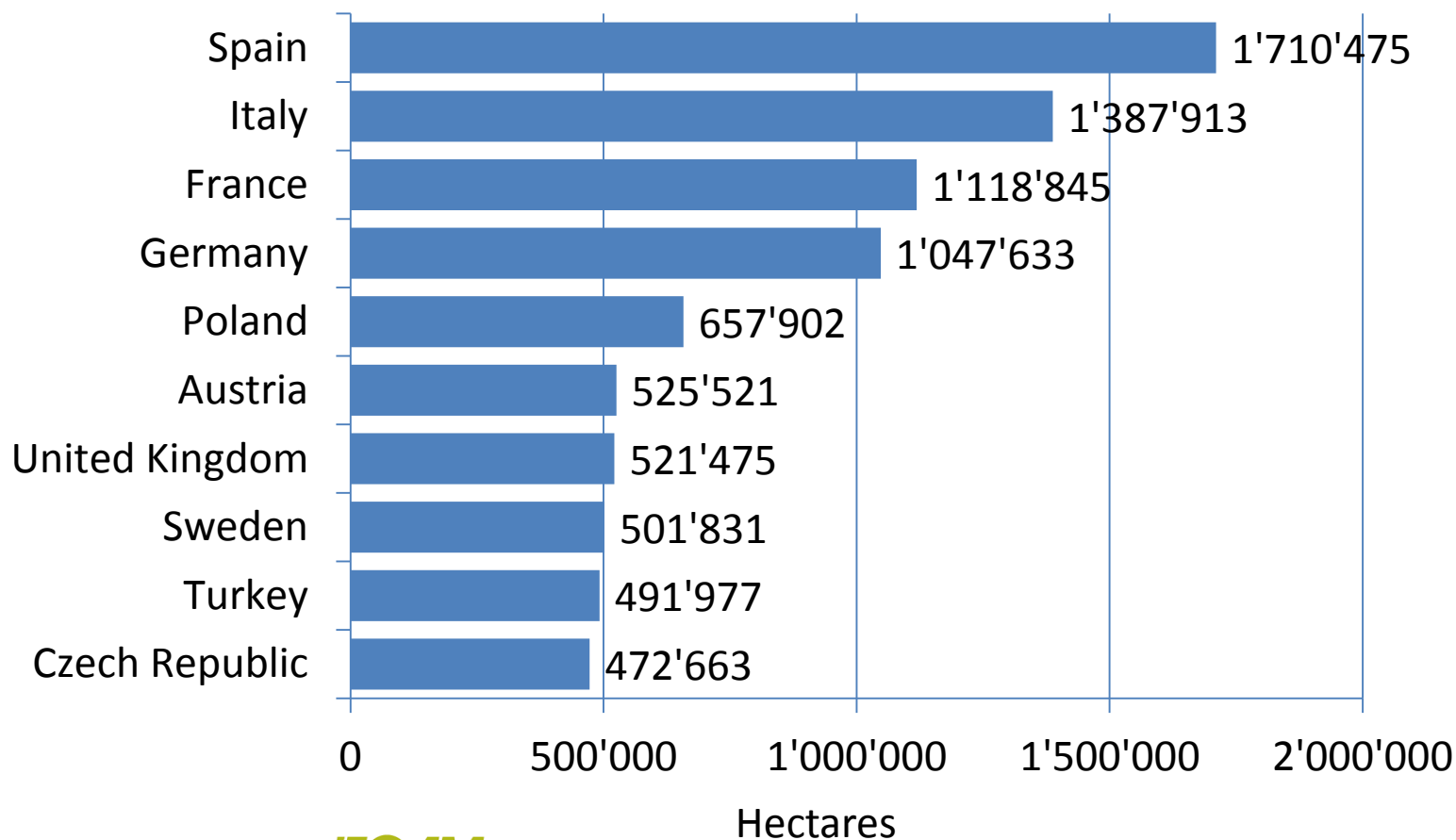
# Organic market in Europe: Key data/indicators 2014

- › The European market was 26.1 billion euros; 7.6 percent more than in 2013.
- › The largest market for organic products in 2014 was Germany with a turnover of 7.9 billion euros, followed by France (4.8 billion euros) and the UK (2.3 billion euros).
- › As a portion of the total market share, the highest levels have been reached in Denmark, Switzerland and Austria, with six percent or more for organic products. The highest per capita spending is also in these countries and in Luxembourg.

# Europe: The ten countries with the most organic agricultural land 2014

## Europe: The ten countries with the largest organic area 2014

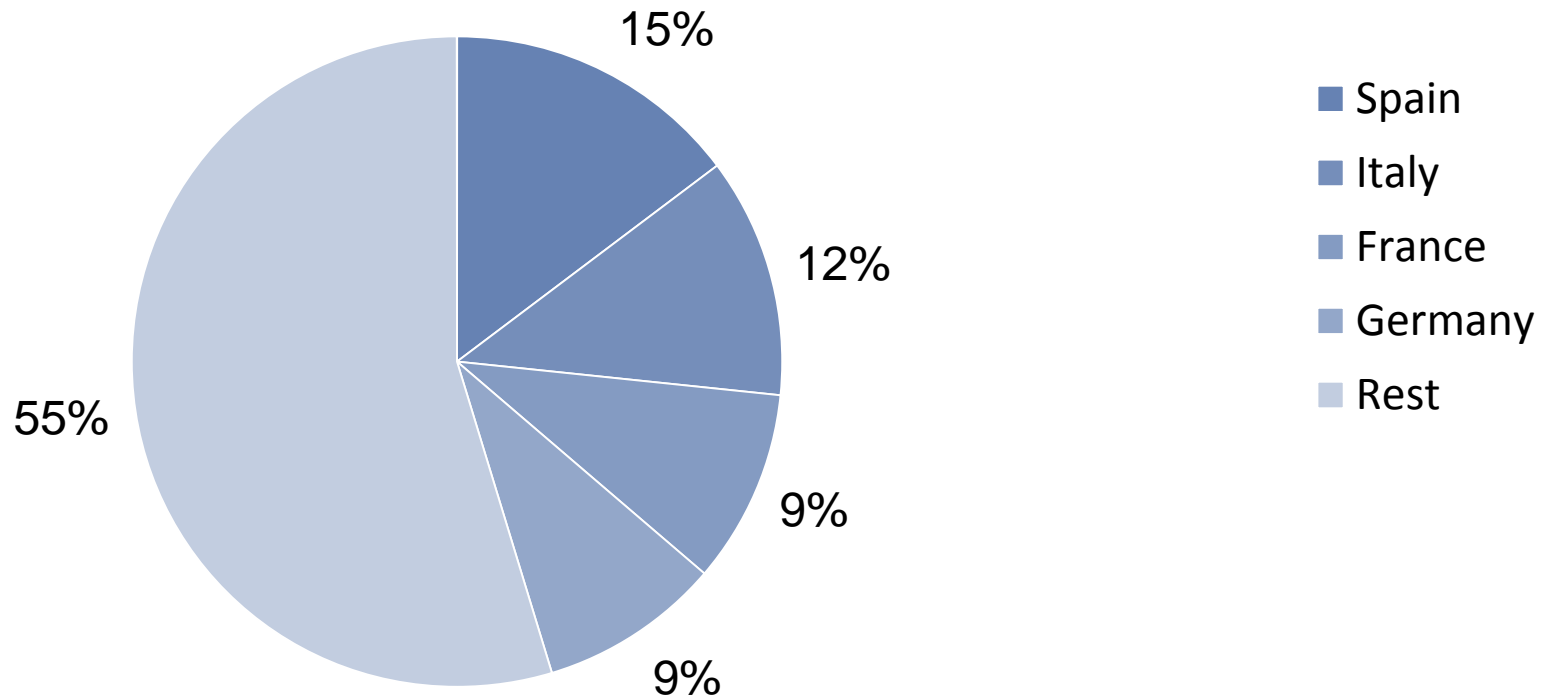
Source: FiBL-AMI survey 2016, based on national data sources and Eurostat



# Europe: Distribution of organically managed agricultural land by country 2014

## Europe: Distribution of organically managed agricultural land by country 2014 (Total: 11.6 million hectares)

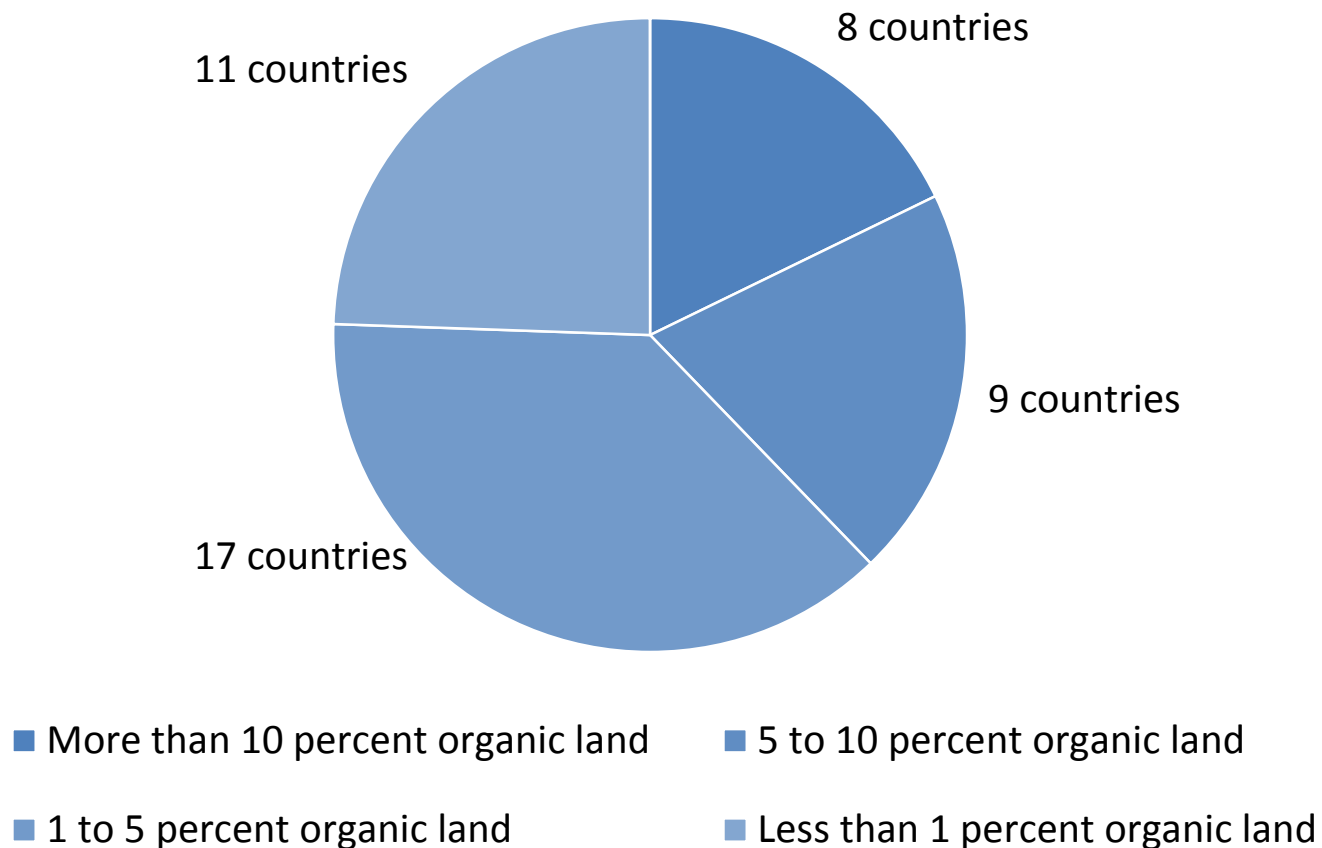
Source: FiBL-AMI survey 2016 based on national data sources and Eurostat



# Europe: Distribution of shares of organic land 2014

## Europe: Distribution of organic farmland shares 2014

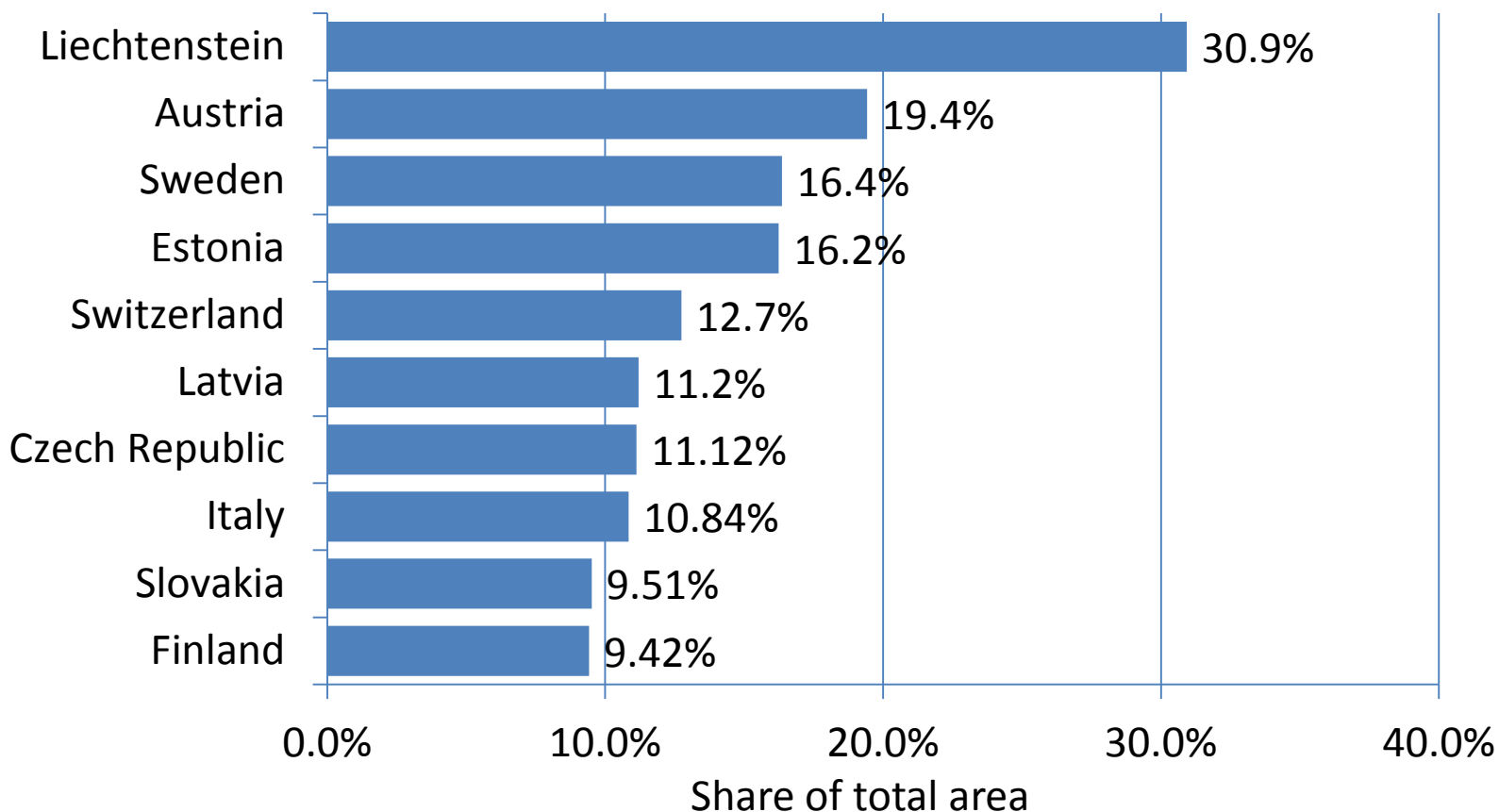
Source: FiBL-AMI survey 2016



# Europe: The ten countries with the highest shares of organic agricultural land 2014

## Europe: Shares of organic agricultural land by country 2014

Source: FiBL-AMI Survey 2016

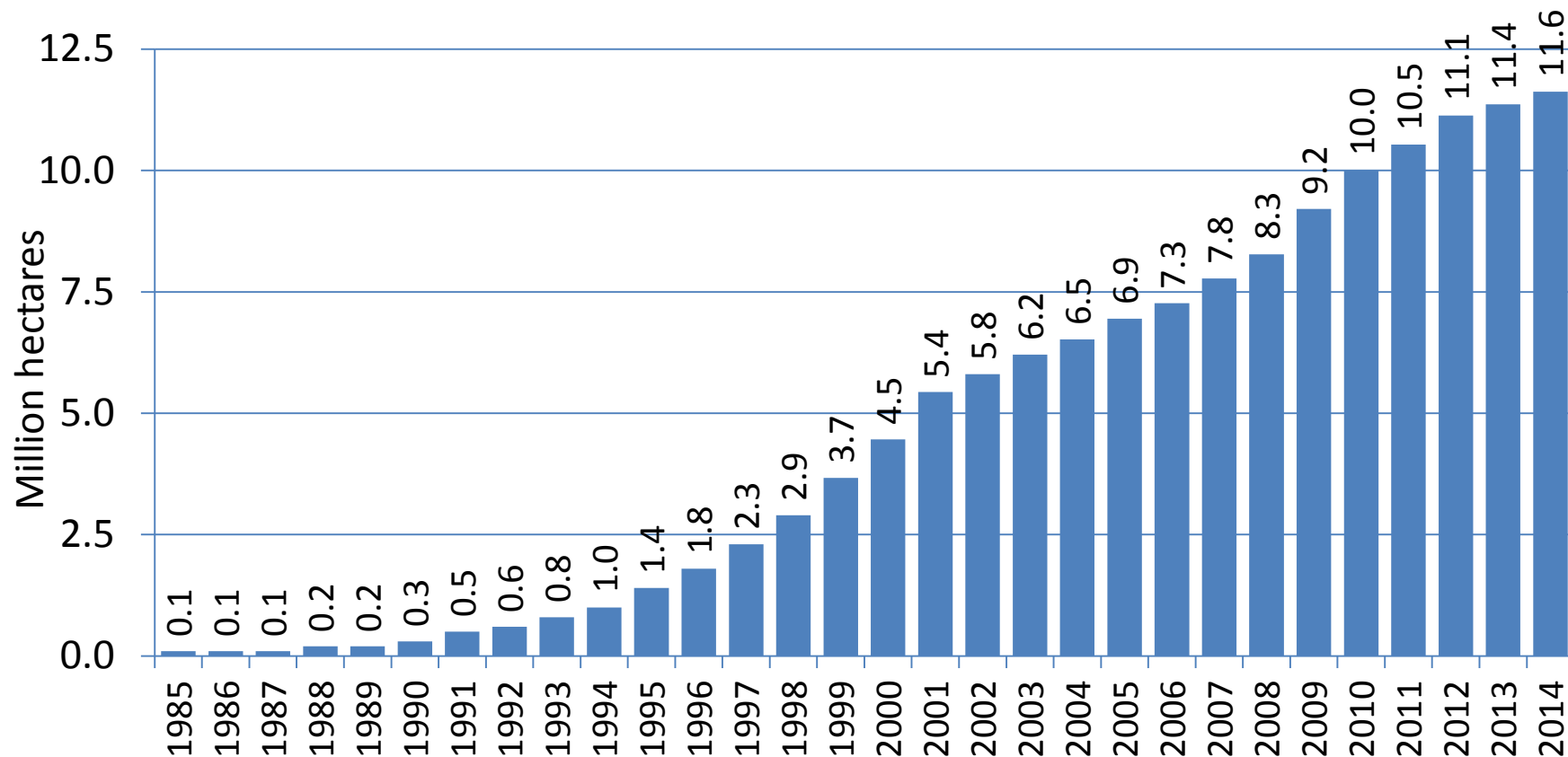




# Development of the organic agricultural land in Europe 1999-2014

## Europe: Development of organic agricultural land 1985-2014

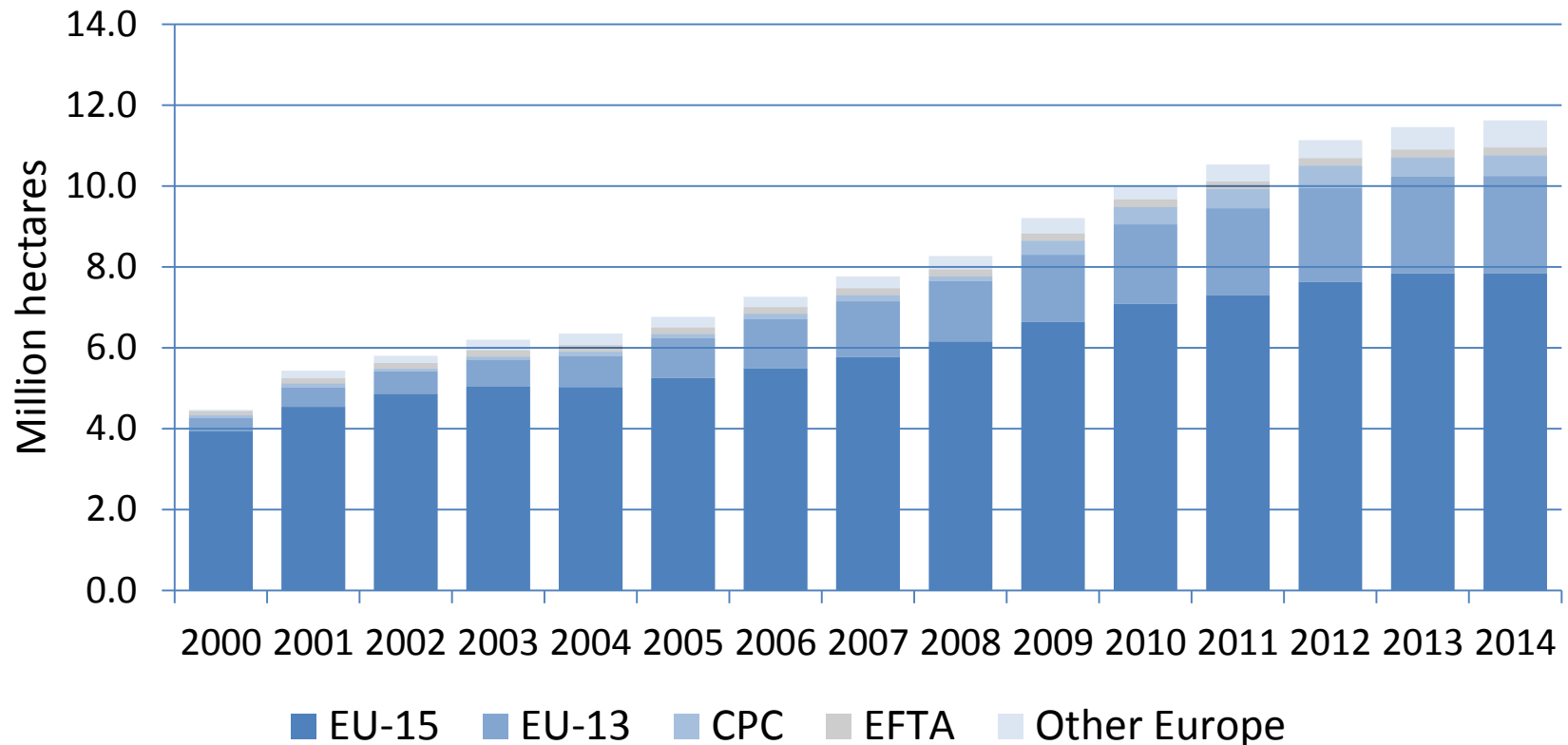
Source: Lampkin, Nic , FiBL-AMI Surveys 2006-2016, and OrganicDataNetwork Surveys 2013-2015, based on national data sources and Eurostat



# Europe: Growth of organic agricultural land by country group 2000-2014

## Europe: Growth of organic farmland by country group 2000-2014

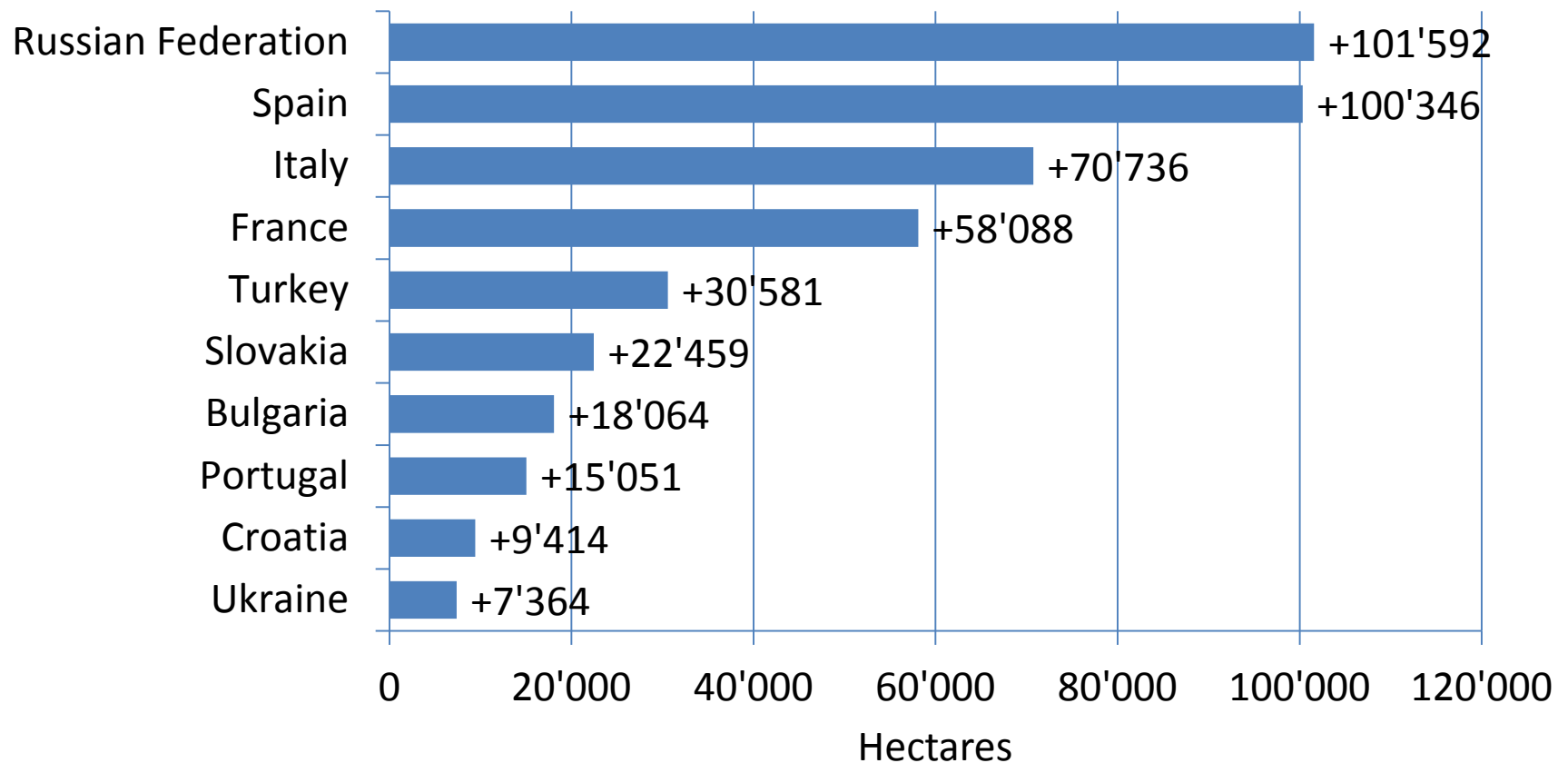
Source: Lampkin, Nic , FiBL-AMI Surveys 2006-2016, and OrganicDataNetwork Surveys 2013-2015, based on national data sources and Eurostat



# Europe: The 10 countries with the highest growth of organic agricultural land in 2014

## Europe: The 10 countries with the highest growth of organic agricultural land in 2014

Source: FiBL-AMI survey 2016 based on national data sources and Eurostat

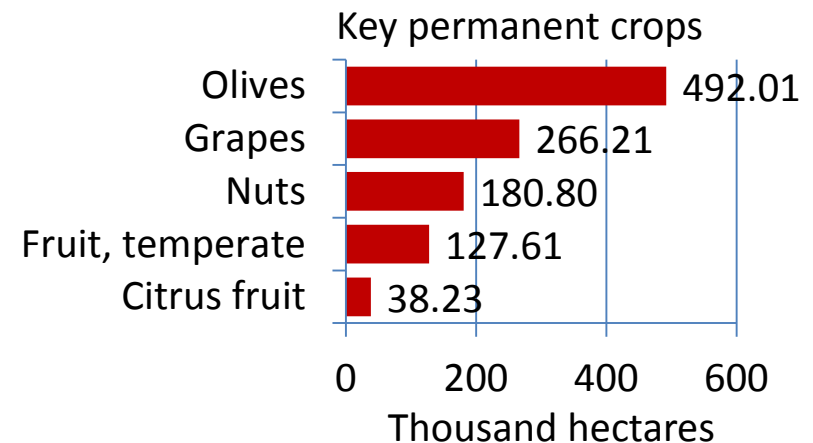
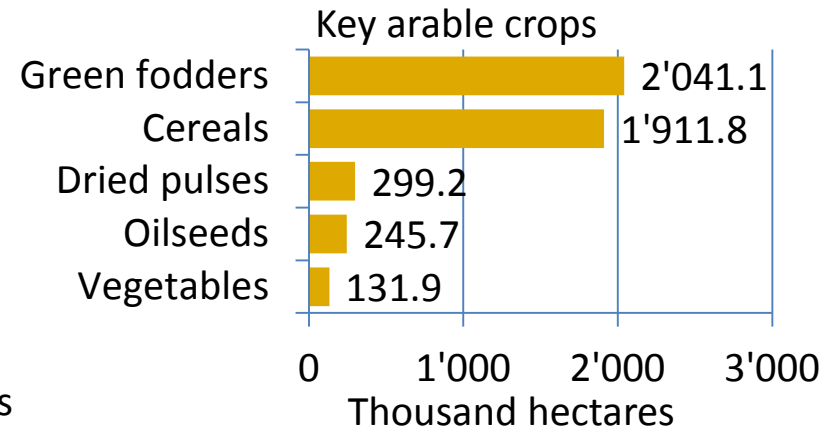
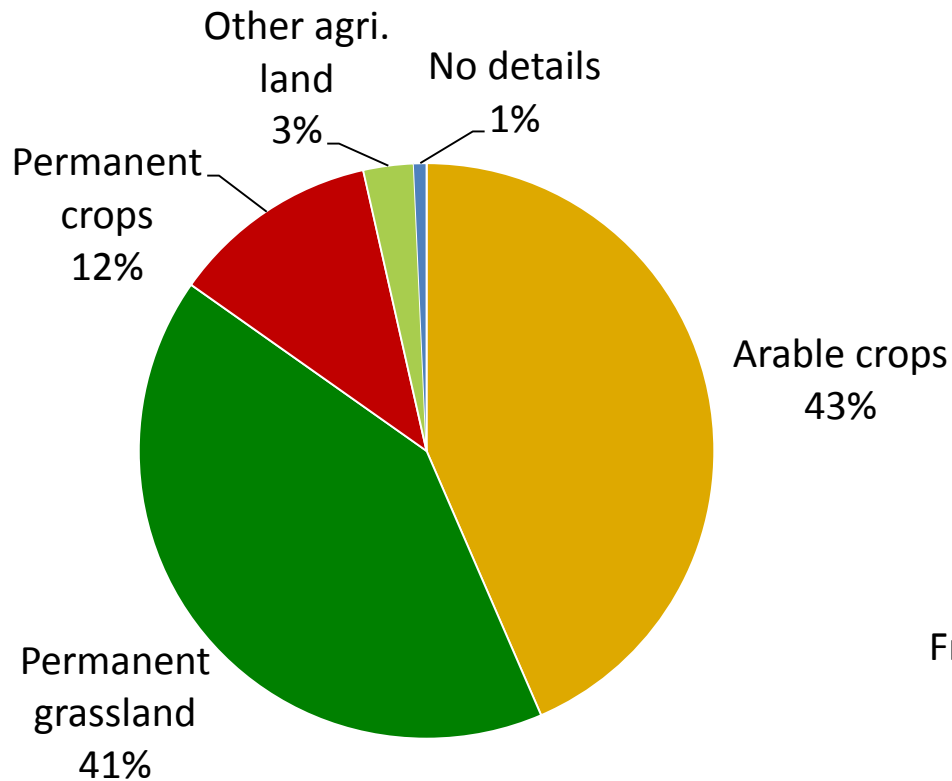


# Europe: Use of organic agricultural land 2014 (total: 11.6 million hectares)

## Europe: Use of agricultural organic land 2014

Source: FiBL-AMI Survey 2016

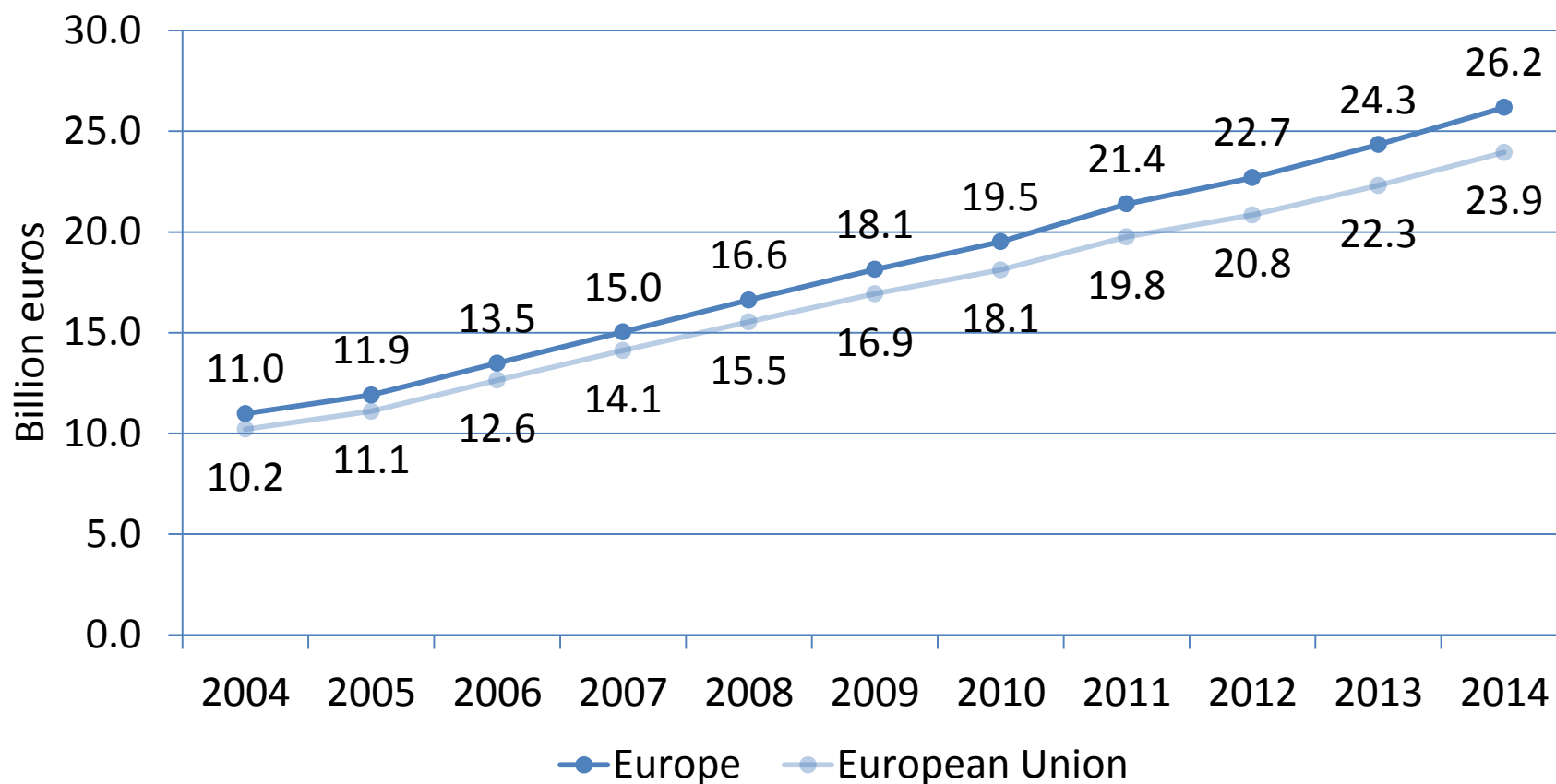
Land use types 2014



# Europe and European Union: Growth of the Organic Market 2004-2014

## Europe and European Union: Market development 2004-2014

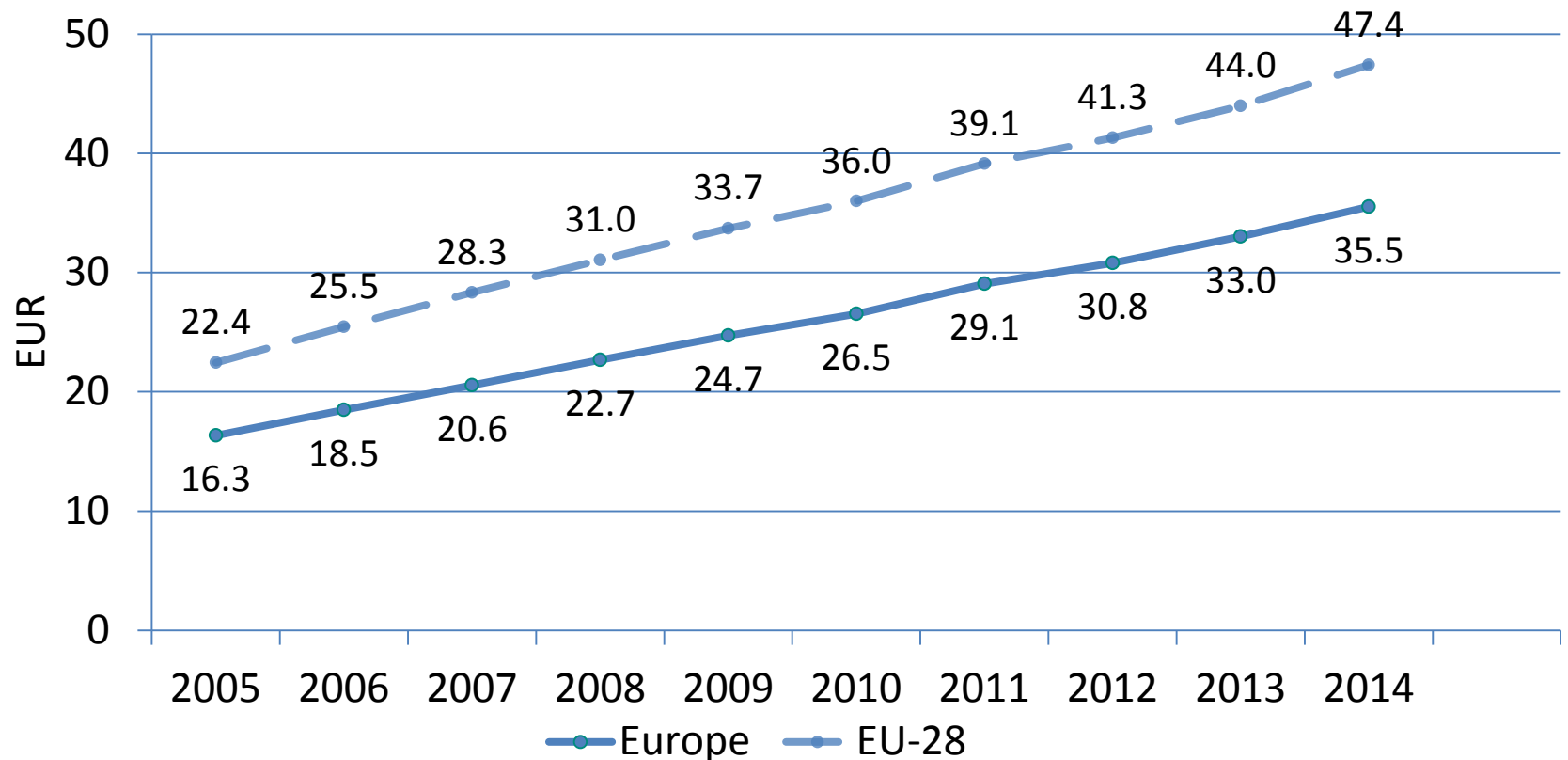
Source: FiBL-AMI Surveys 2006-2016, OrganicDataNetwork Surveys 2013-2015



# Europe and European Union: Growth of per consumption of organic products

## Europe and European Union: Growth of per capita consumption 2005-2014

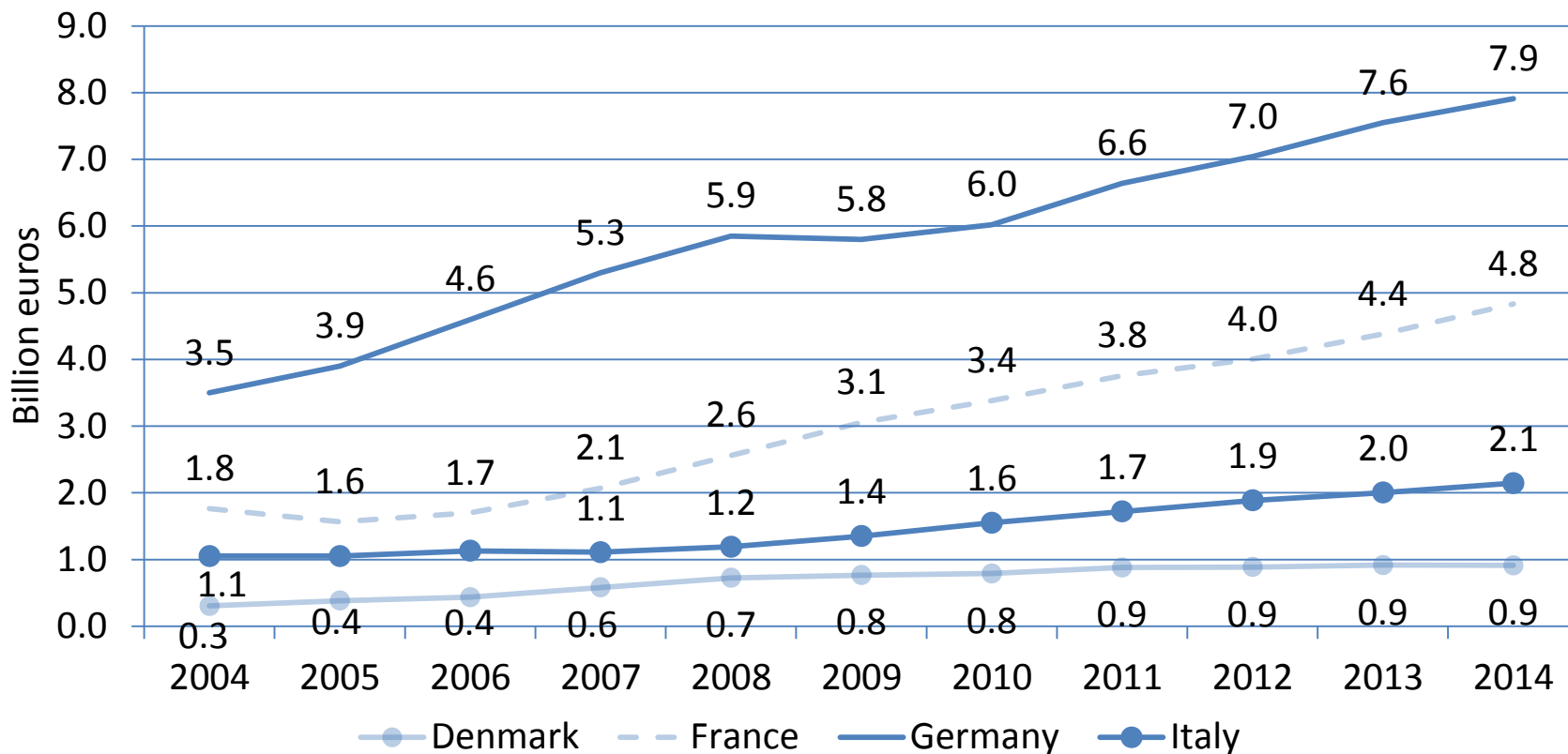
Source: FiBL-AMI surveys 2006-2016, OrganicDataNetwork Surveys 2013-2015 (Last update: 23.2.2016)



# European Union: Development of the organic market in selected European countries 2004-2014

## European Union: Market development in selected countries 2004-2014

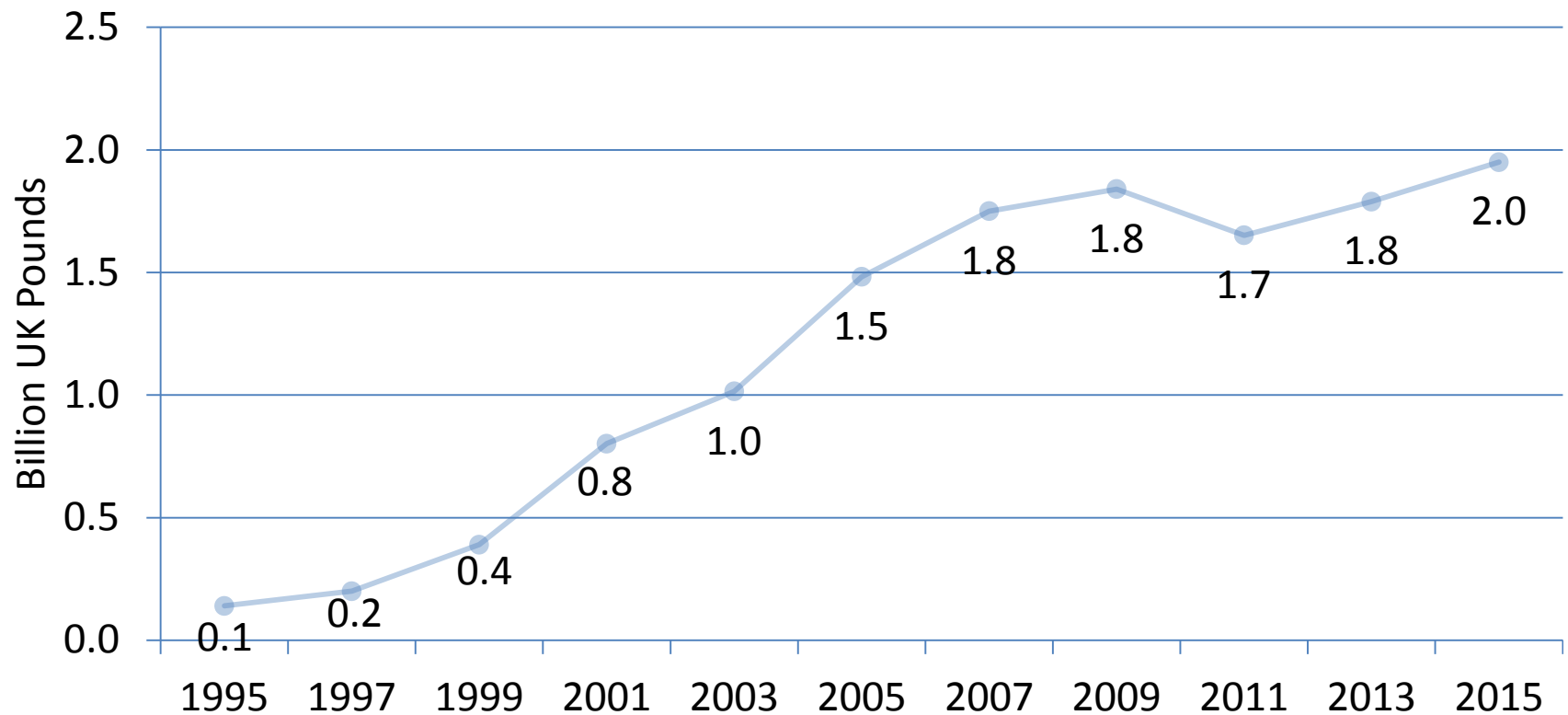
Source: AMI, Germany; Agence Bio France, AssoBio, Italy; LF Denmark



# United Kingdom: Development of the organic market in the UK

## United Kingdom: Market development 2004-2014

Source: Soil Association, Organic Research Centre Elm Farm. Last update: 23.2.2106

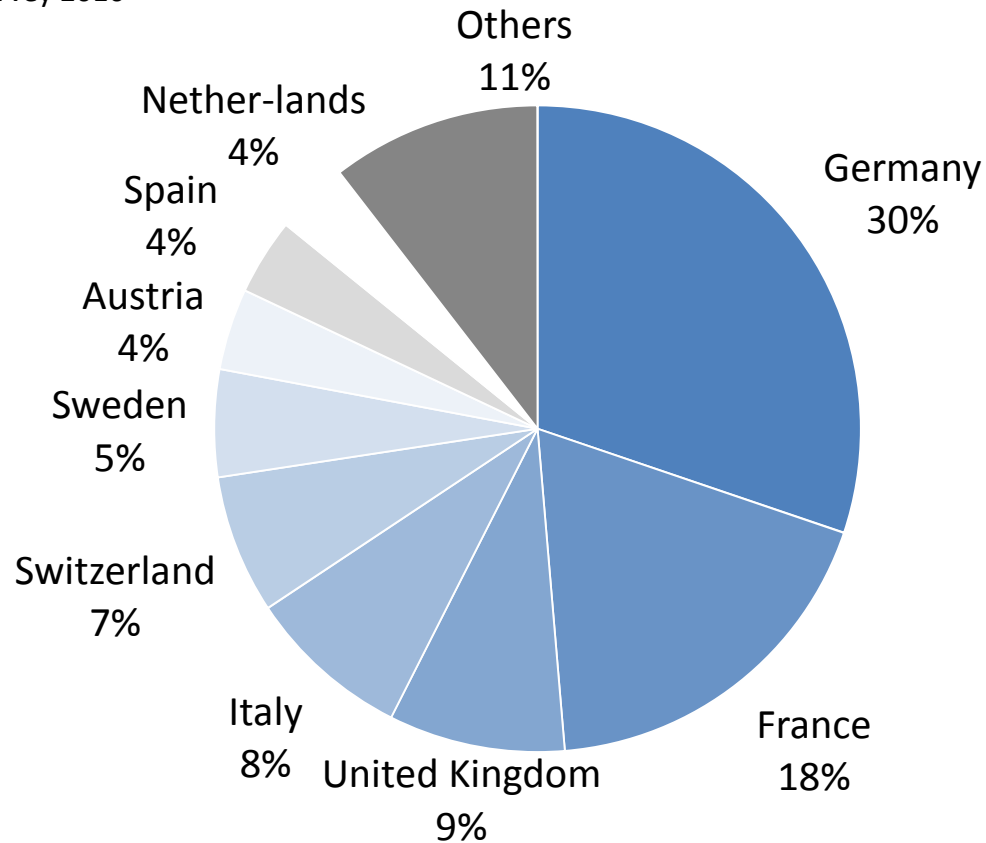




# Europe: Distribution of sales of organic food and drink by country 2014 (total: 26.1 billion euros)

## Europe: Distribution of retail sales 2014

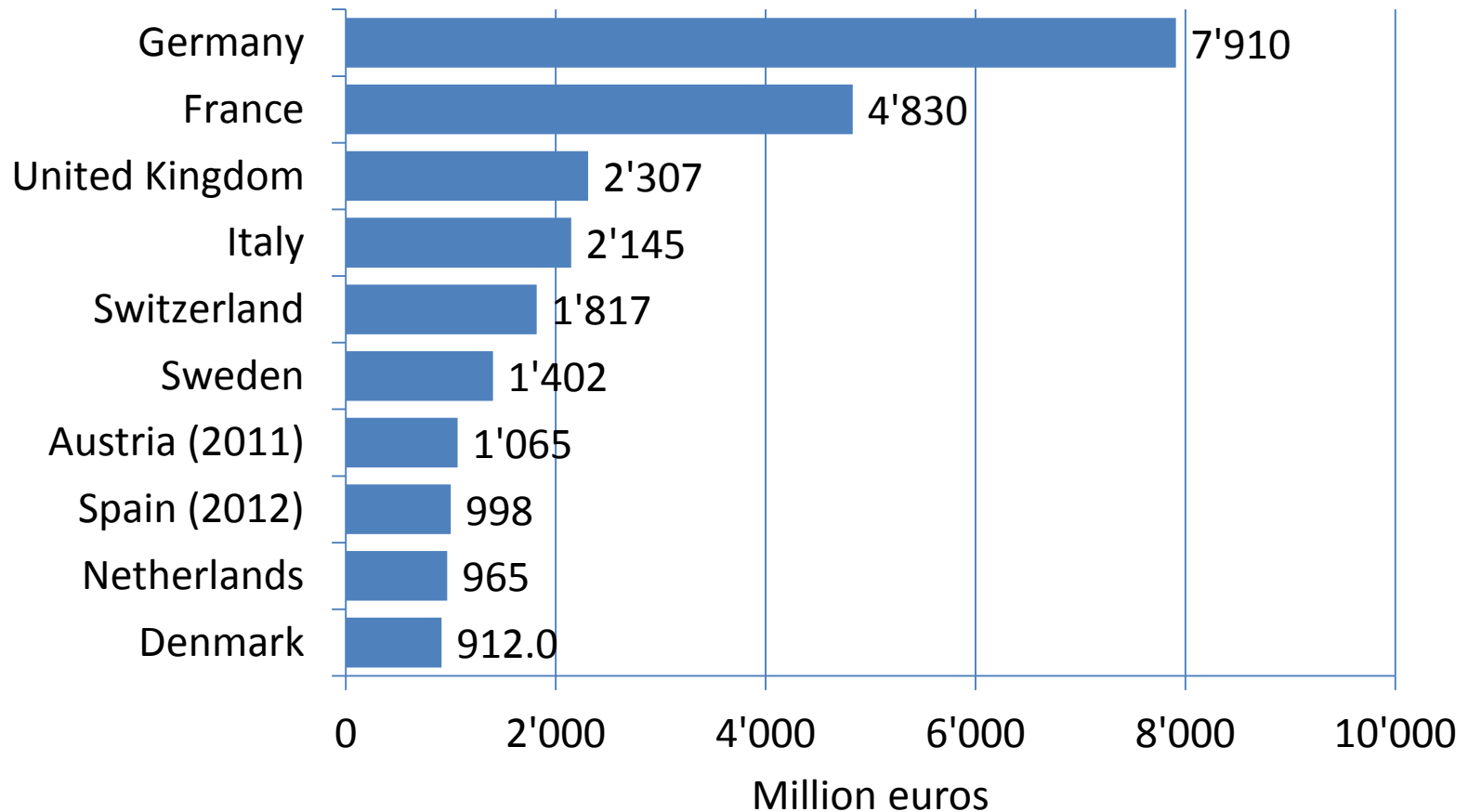
Source: FiBL-AMI survey 2016



# The European market for organic food and drink: The countries with the highest sales 2014

## Europe: Organic retail sales value by country 2014

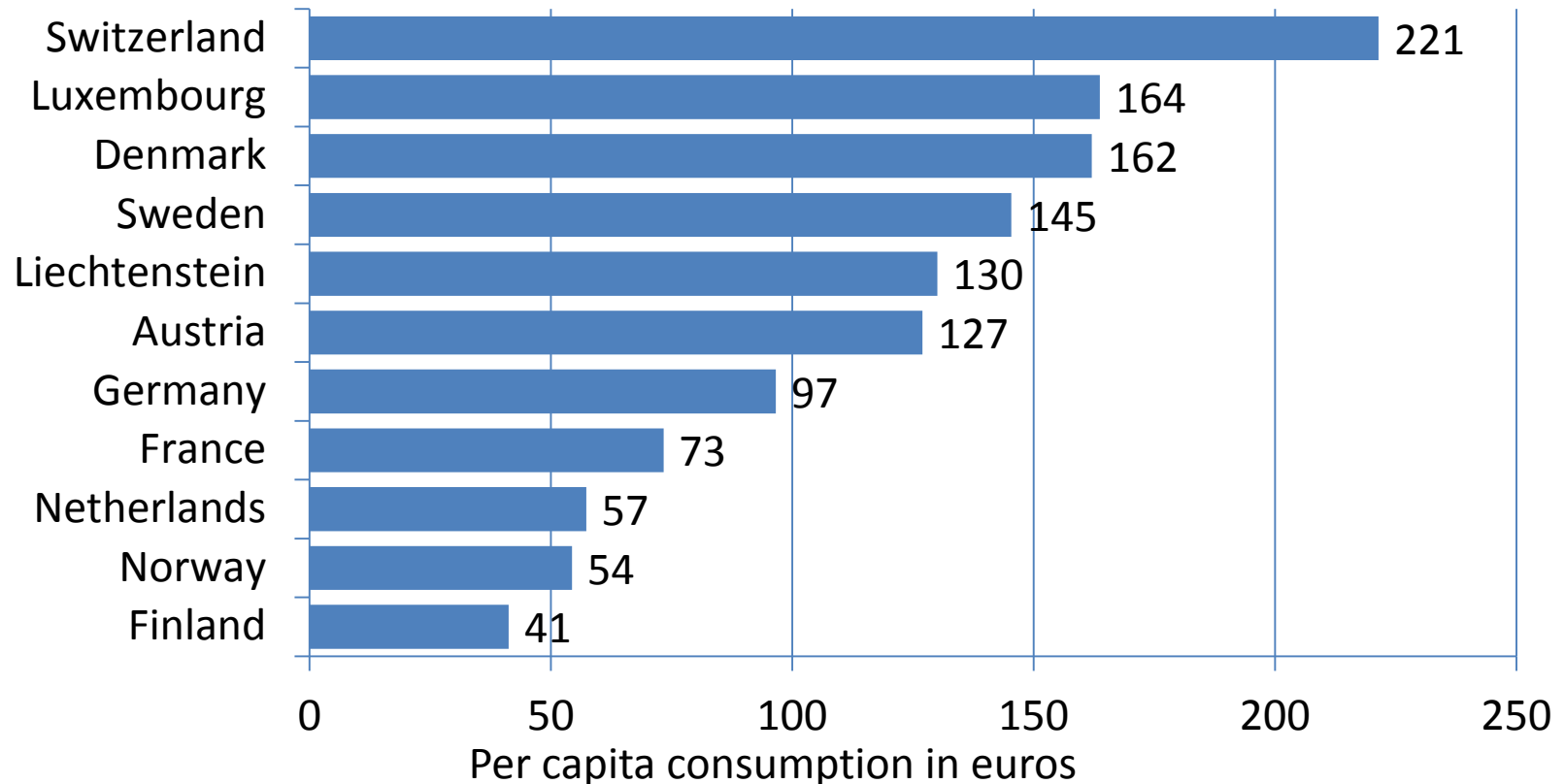
Source: FiBL-AMI Survey 2016



# Europe: The countries with the highest per-capita consumption 2014

## Europe: The countries with the highest per-capita consumption 2014

Source: FiBL-AMI Survey 2016



# Articles about Europe in the 2016 Edition of "The World of Organic Agriculture"

- › Organic Farming in Europe  
Helga Willer and Stephen Meredith
- › Organic Farming and Market Development in Europe  
Helga Willer and Diana Schaack

# Latin America/Caribbean: Organic agricultural land by country 2014



# Latin America: Key figures 2014

- › In Latin America, more than 387'000 producers managed 6.8 million hectares of agricultural land organically in 2014.
- › This constitutes 15 percent of the world's organic land and 1.1 percent of the regions agricultural land.
- › The leading countries are Argentina (3.1 million hectares), Uruguay (1.3 million hectares), and Brazil (0.7 million hectares, 2012).
- › The highest shares of organic agricultural land are in the Falkland Islands/Malvinas (36.3 percent), French Guiana (8.9 percent), and the Uruguay (8.9 percent).

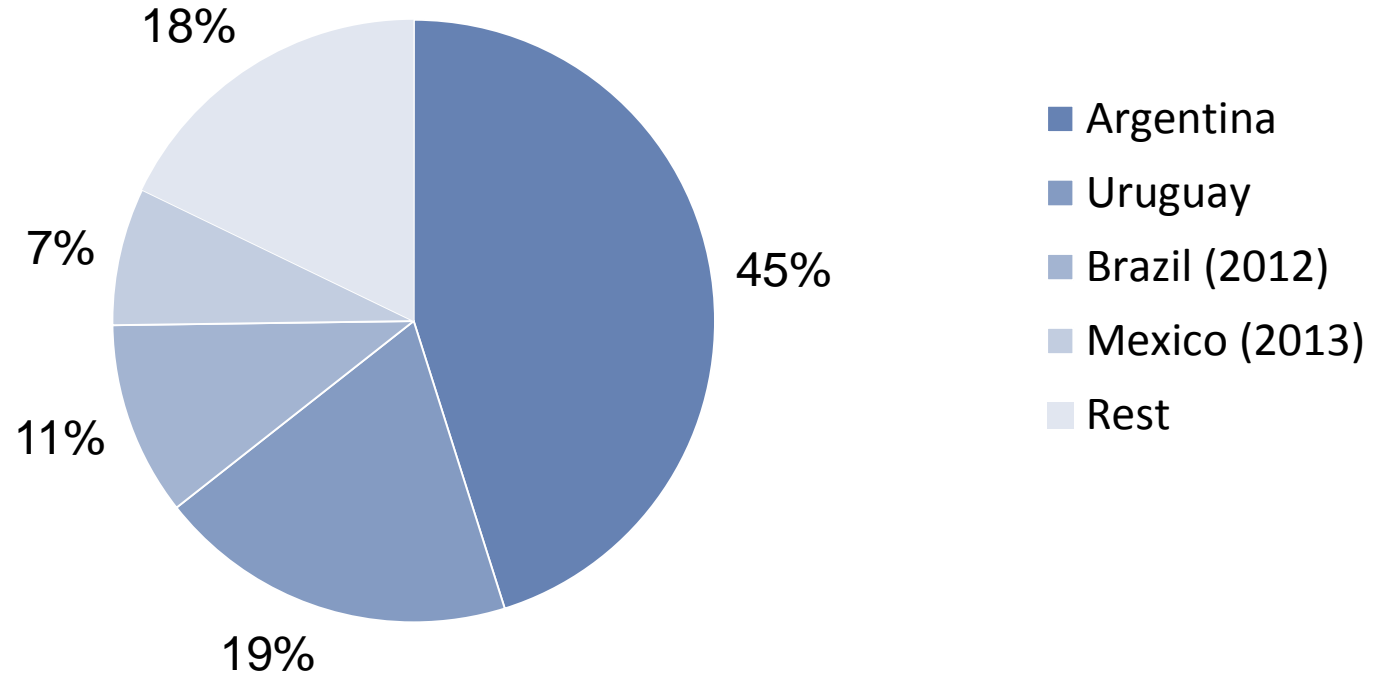
# Latin America: Key figures 2014

- › Most organic products from Latin American countries are sold on the European, North American or Japanese markets. Popular goods are especially those that cannot be produced in these regions, as well as off-season products.
- › Many Latin American countries remain important exporters of organic products such as bananas, cocoa and coffee; in countries such as Argentina and Uruguay, temperate fruit and meat are key export commodities. At the same time, domestic markets are trending positively in the region.
- › Important crops are tropical fruits, grains and cereals, coffee, cocoa, sugar, and meats. Most organic food sales in the domestic markets of the countries occur in major cities.

# Latin America/Caribbean: Distribution of organic agricultural land by country 2014

## Latin America/Caribbean: Distribution of organic agricultural land by country 2014 (total: 6.8 million hectares)

Source: FiBL survey 2016

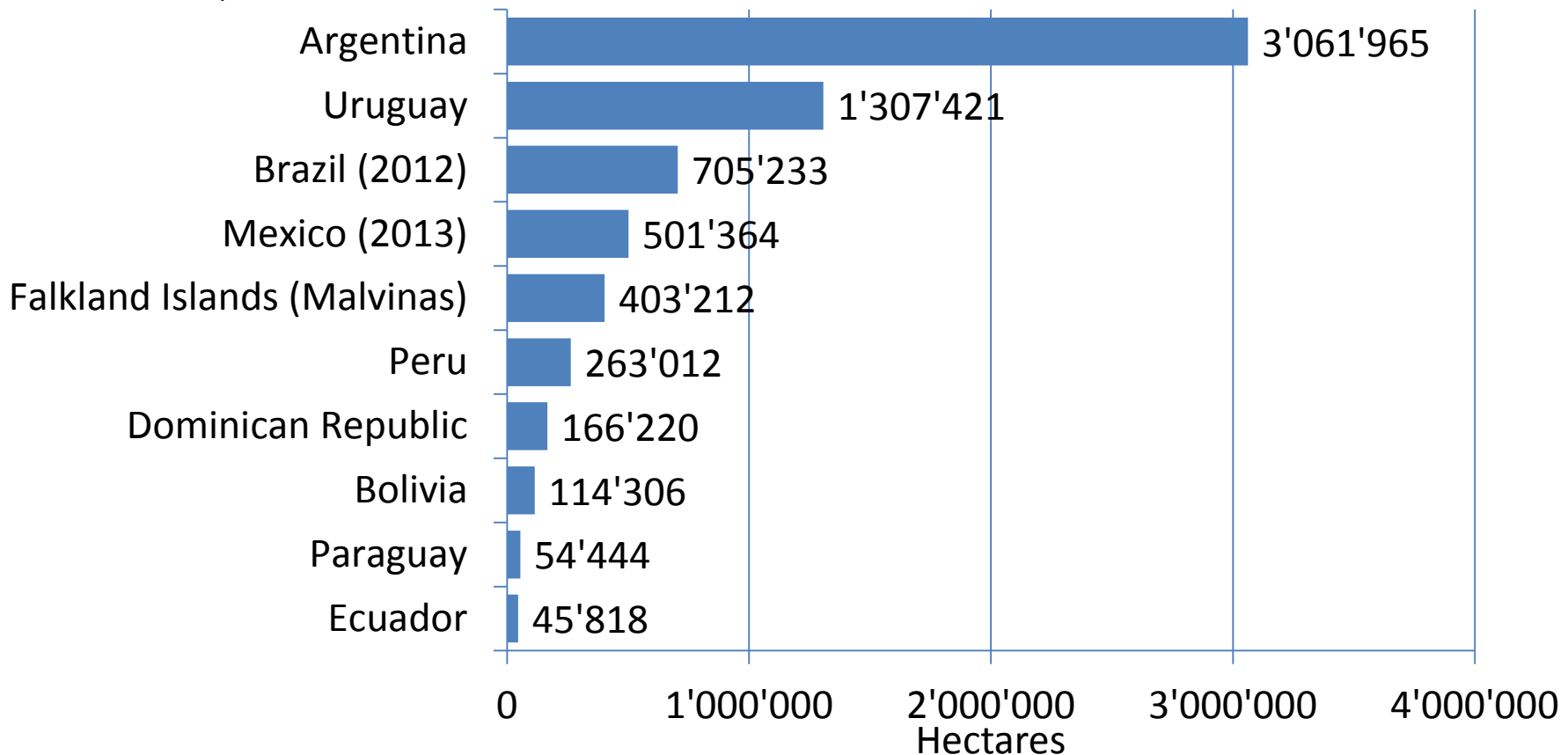




# Latin America and Caribbean: The ten countries with the largest organic areas 2014

## Latin America and Caribbean: The ten countries with the largest organic area 2014

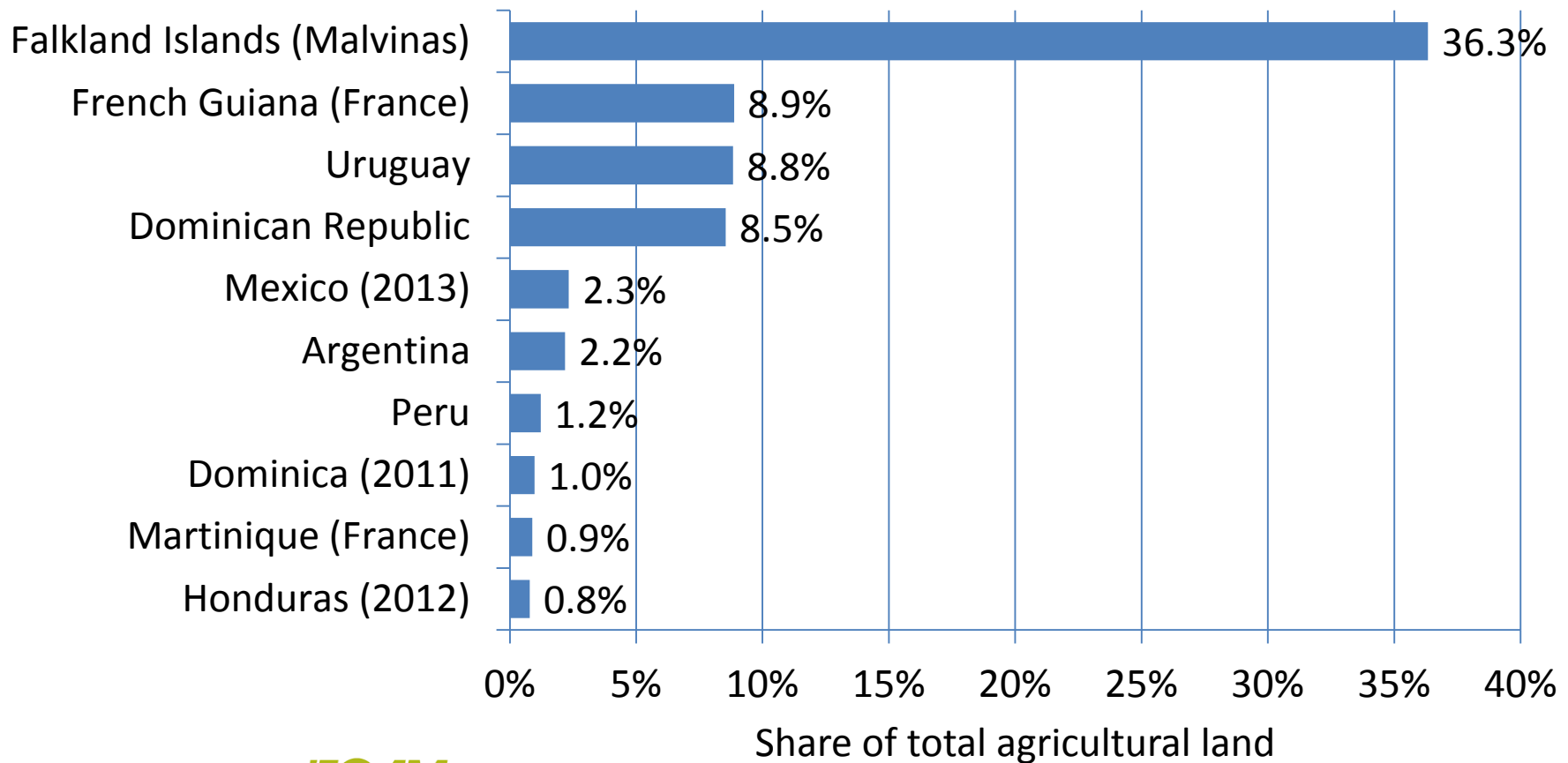
Source: FiBL survey 2016



# Latin America: The ten countries with the highest shares of organic agricultural land 2013

## Latin America and Caribbean: The countries with the highest share of organic agricultural land 2014

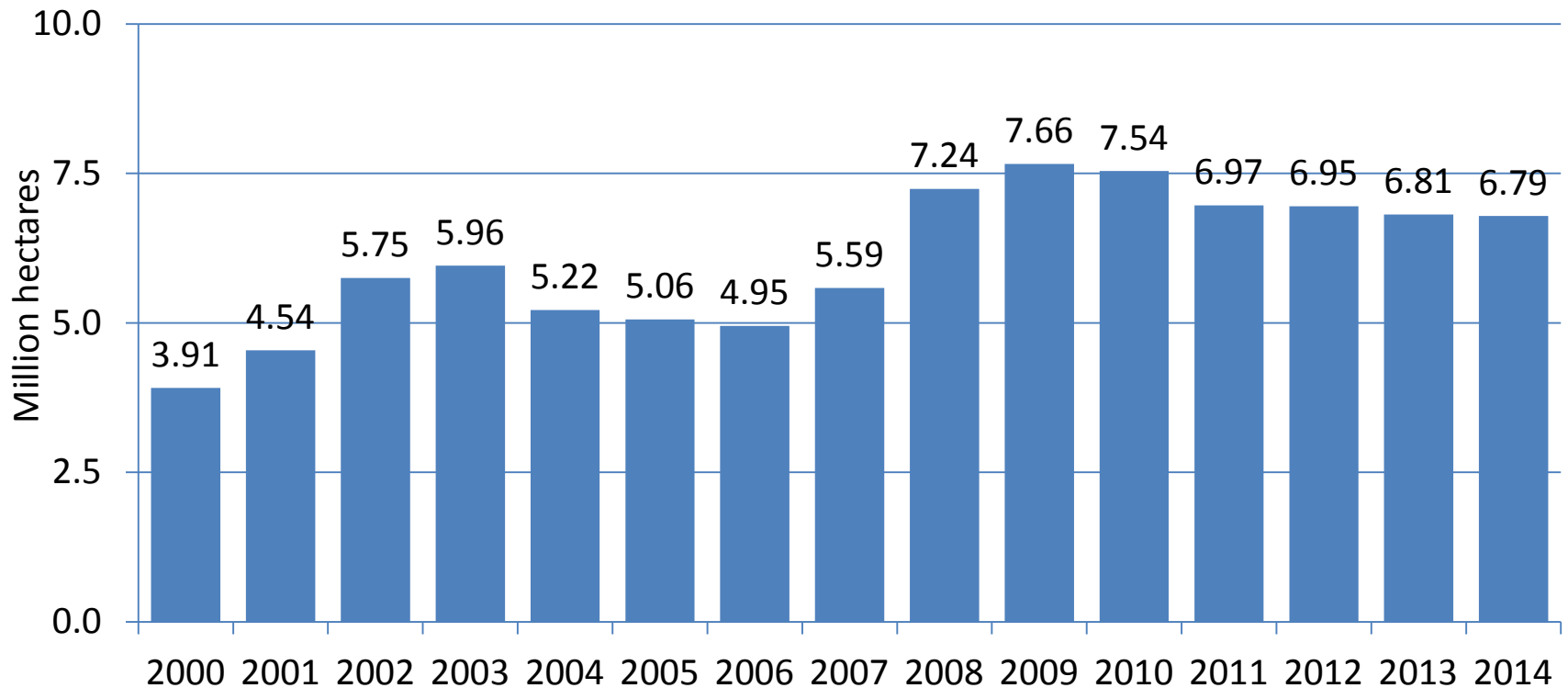
Source: FiBL survey 2016



# Latin America: Development of organically managed agricultural land 2000-2014

## Latin America and Caribbean: Development of organic agricultural land 2000 to 2014

Source: FiBL-IFOAM-SOEL 2002-2016

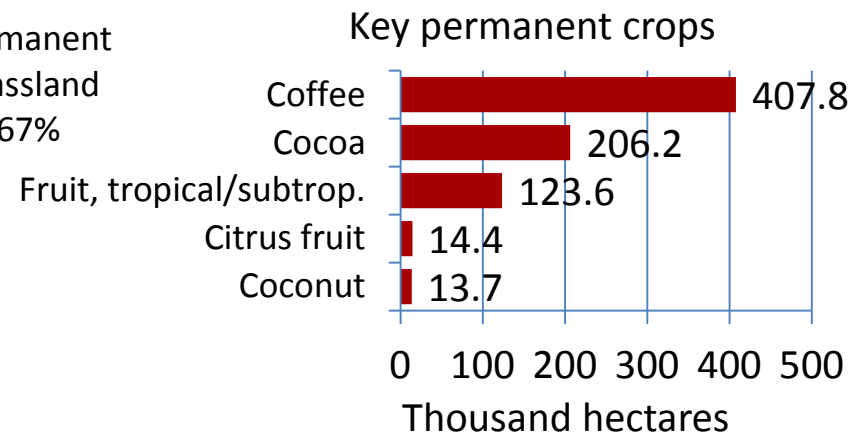
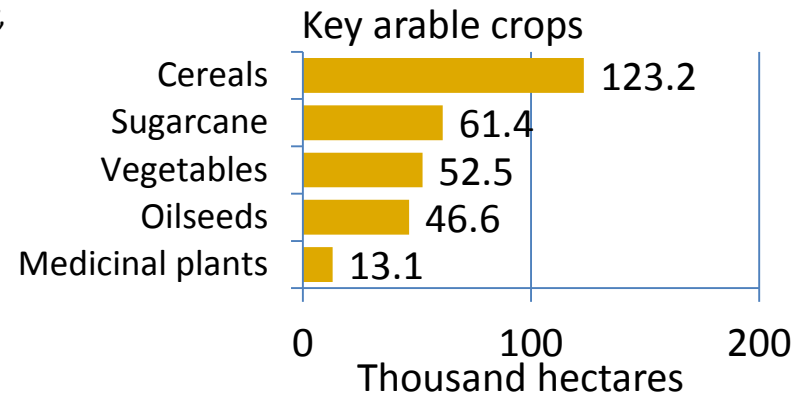
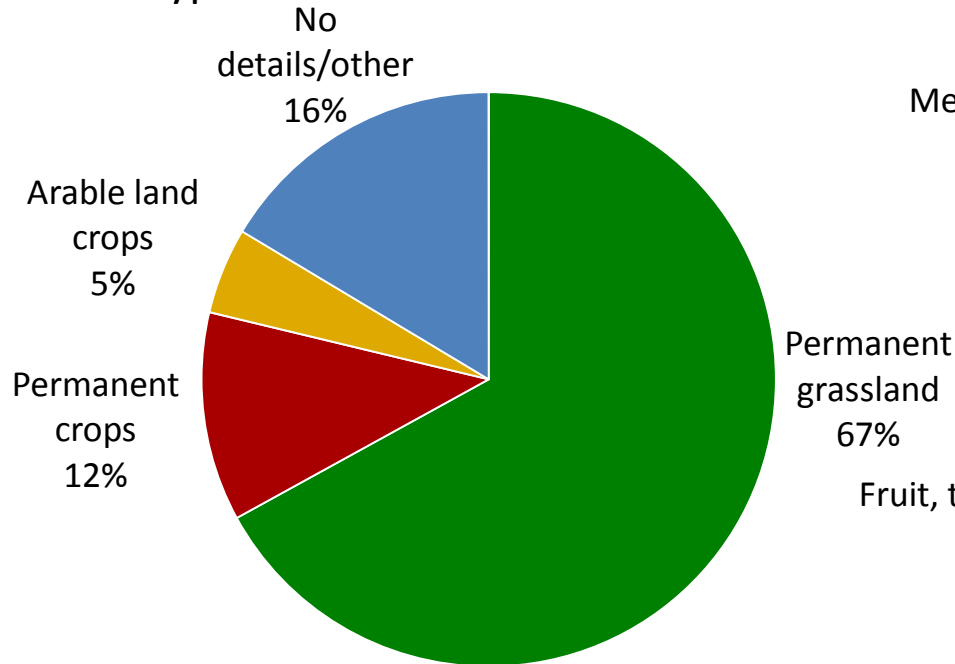


# Latin America: Use of organic agricultural land 2014 (total: 6.8 million hectares)

## Latin America and Caribbean: Use of agricultural organic land 2014

Source: FiBL survey 2016; based on information from the private sector, certifiers, and governments.

### Land use types 2014



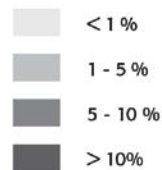
# Articles about Latin America and the Caribbean in the 2016 edition of "The World of Organic Agriculture"

- › Organic Agriculture in Latin America and the Caribbean  
Patricia Flores Escudero and Mauricio Soberanes
- › Country Report: Organic Agriculture in Brazil,  
Laercio Meirelles

# North America: Organic agricultural land by country 2014



Share of organic agricultural land



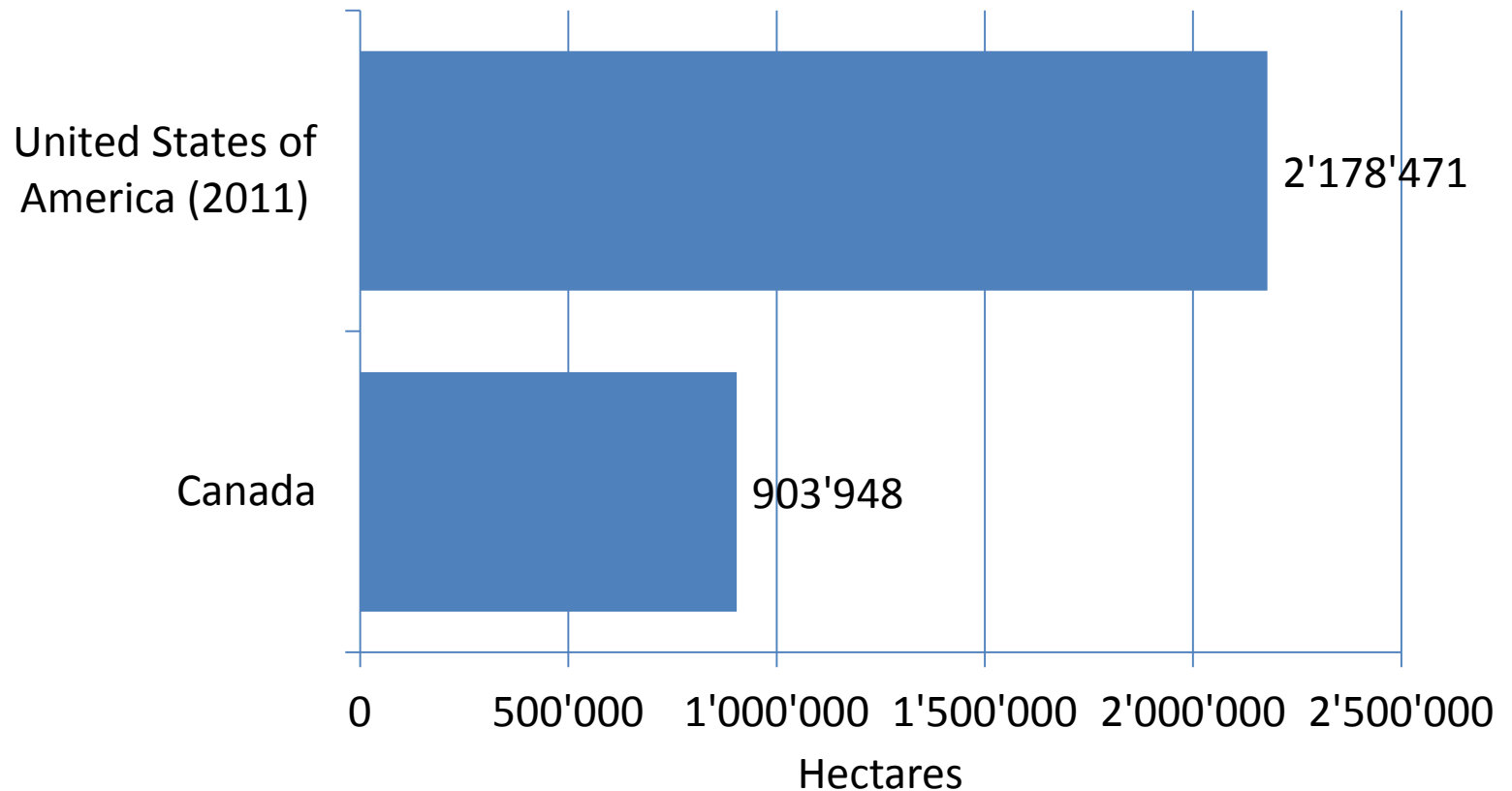
# Organic Agriculture in North America: Key figures 2014

- › In North America, 3 million hectares are managed organically, of these are two million in the United States and more 0.9 million in Canada.
- › This represents 0.8 percent of the total agricultural area in the region and 7 percent of the world's organic agricultural land.
- › In 2014, the organic market continued to grow in North America, reaching 29 billion euros. In Canada, the organic market grew by over 13 percent in 2014, and in the United States the organic market grew by 11 percent. The United States is the largest single organic market in the world, and North America continues to be the continent with the largest organic market.

# North America: Organic agricultural land 2014

## Organic Agriculture in North America 2014

Source: COTA and USDA

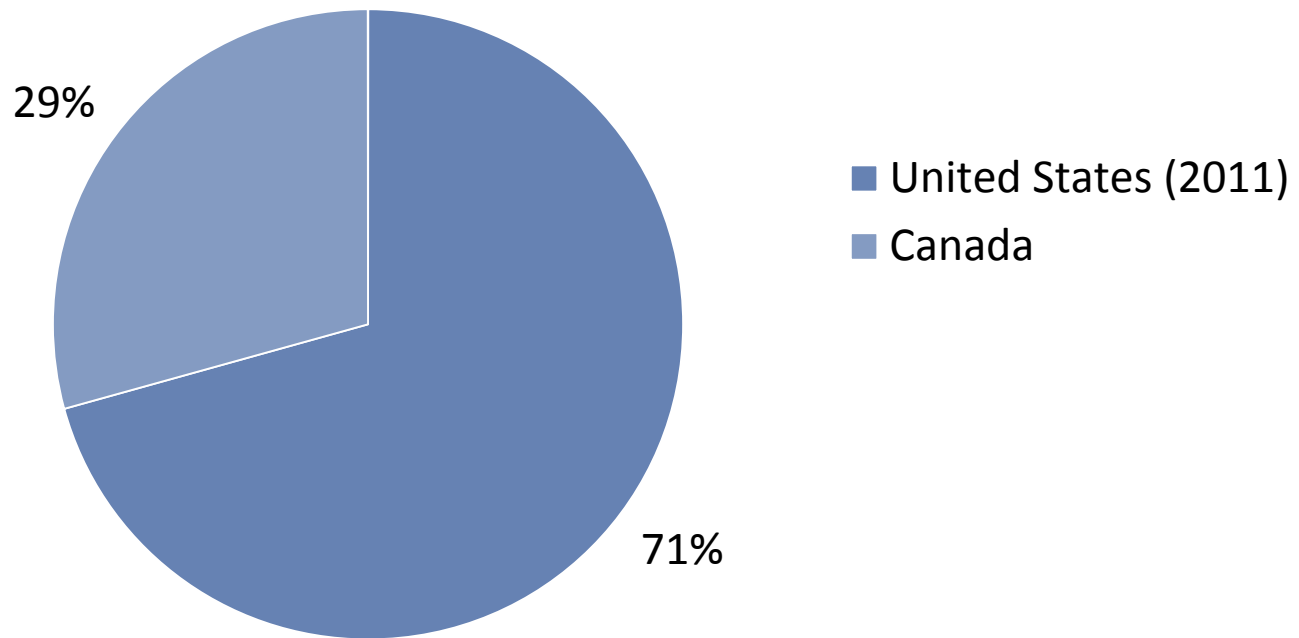




# North America: Distribution of organic agricultural land by country 2014 (Total: 3 million hectares)

## North America: Distribution of organic agricultural land by country 2014 (Total: 3 million hectares)

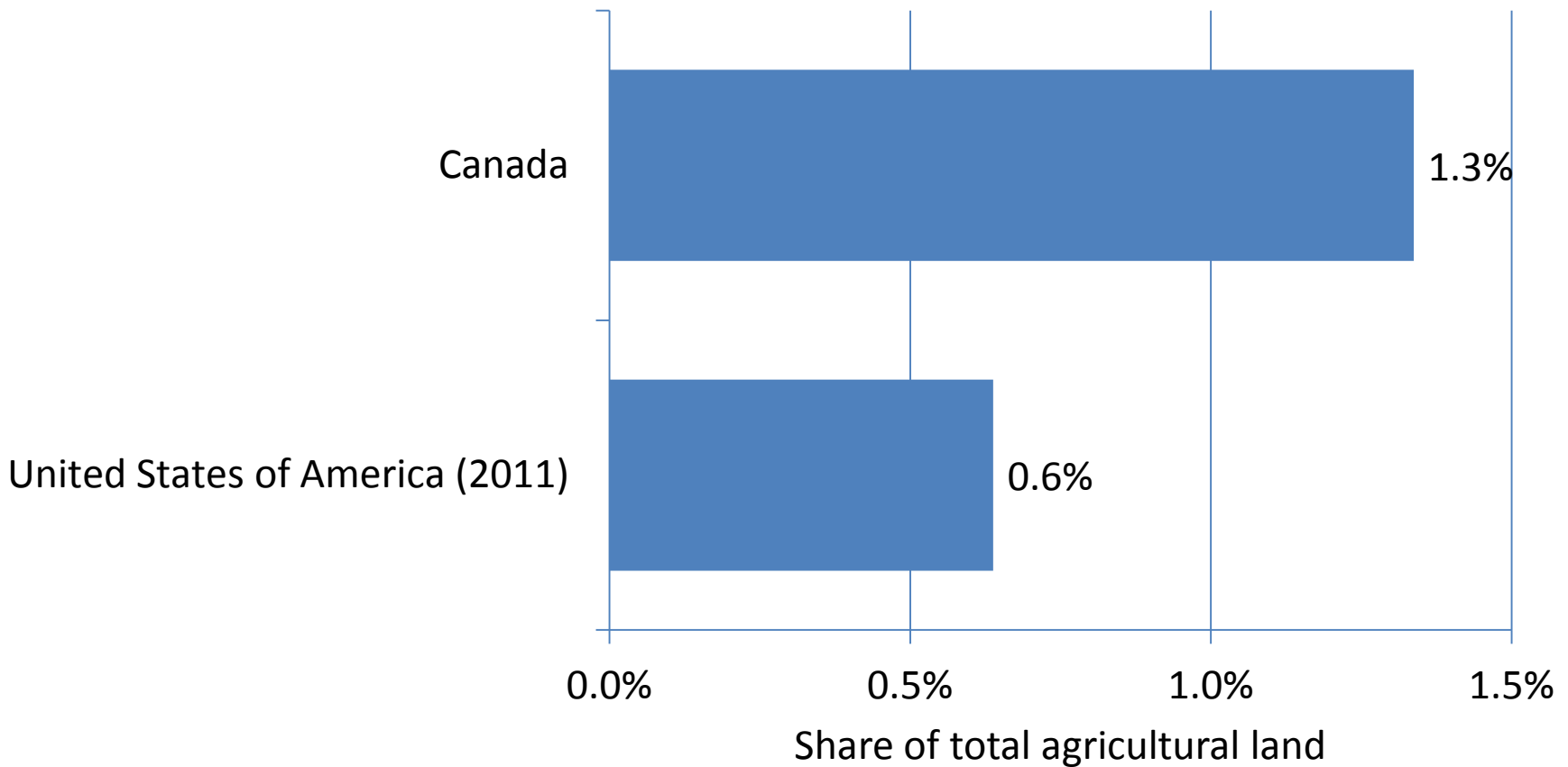
Source: COTA and USDA



# North America: Shares of organic agricultural land 2014

## North America: Organic share of total organic agricultural Land 2014

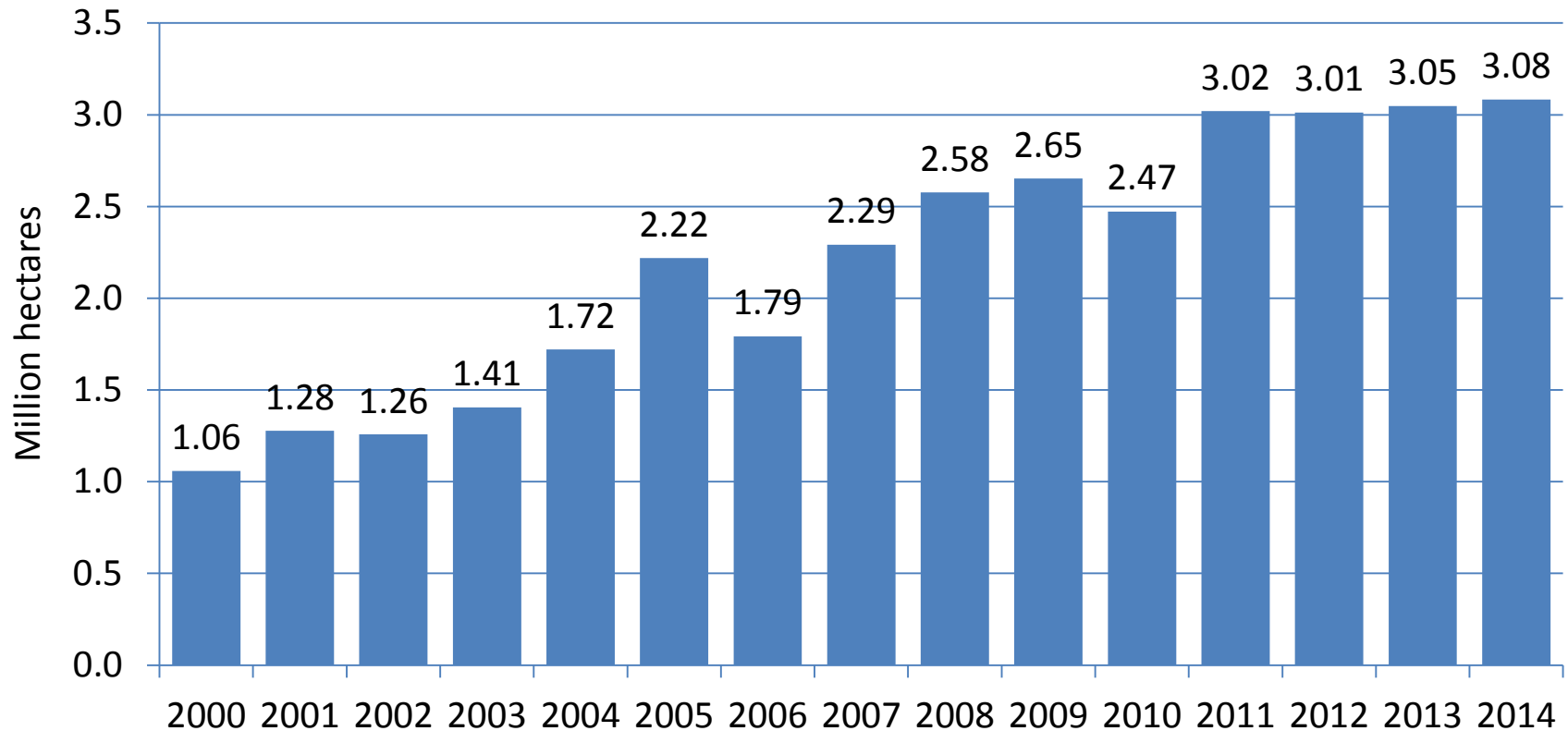
Source: COTA and USDA



# North America: Development of organic agricultural land 2000-2014

## North America: Development of organic agricultural land 2000-2014

Source: COG-COTA and USDA

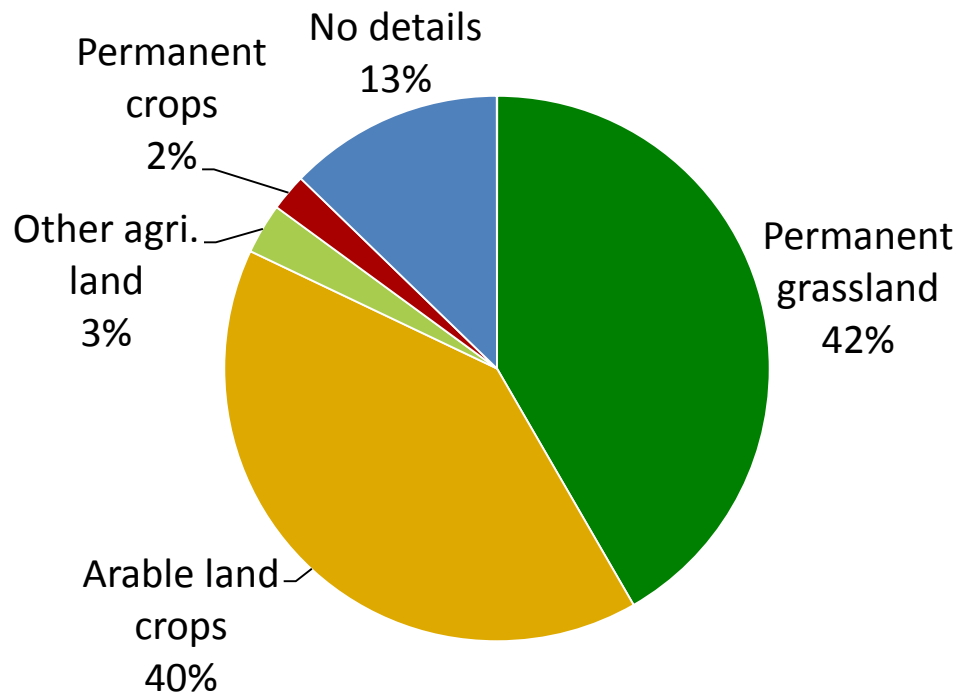


# North America: Use of organic agricultural land 2014 (total: 3 million hectares)

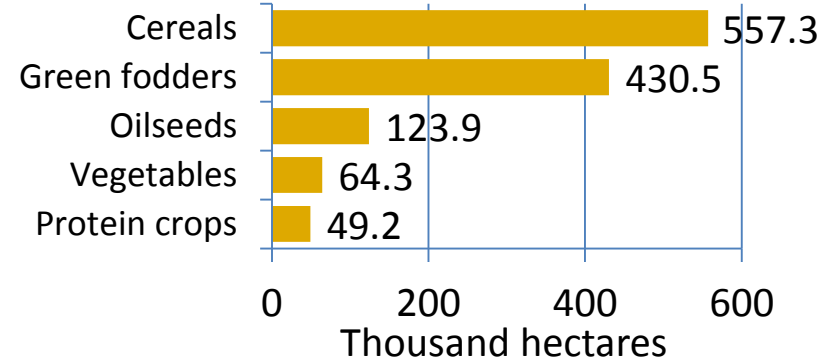
## North America: Land use in organic agriculture 2014

Source: COTA and USDA

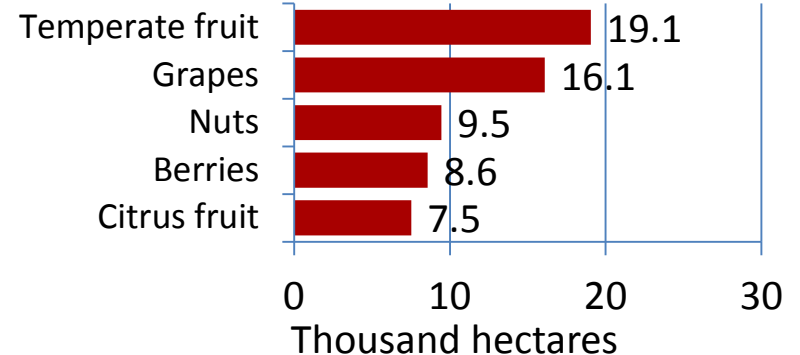
### Land use types 2014



### Key arable crops



### Key permanent crops



# Articles about North America in the 2016 Edition of "The World of Organic Agriculture"

- › U.S. Organic Industry Continues to Grow  
Barbara Fitch Haumann
- › Canada  
Marie-Eve Levert and Matthew Holmes

# Oceania: Organic agricultural land by country 2014



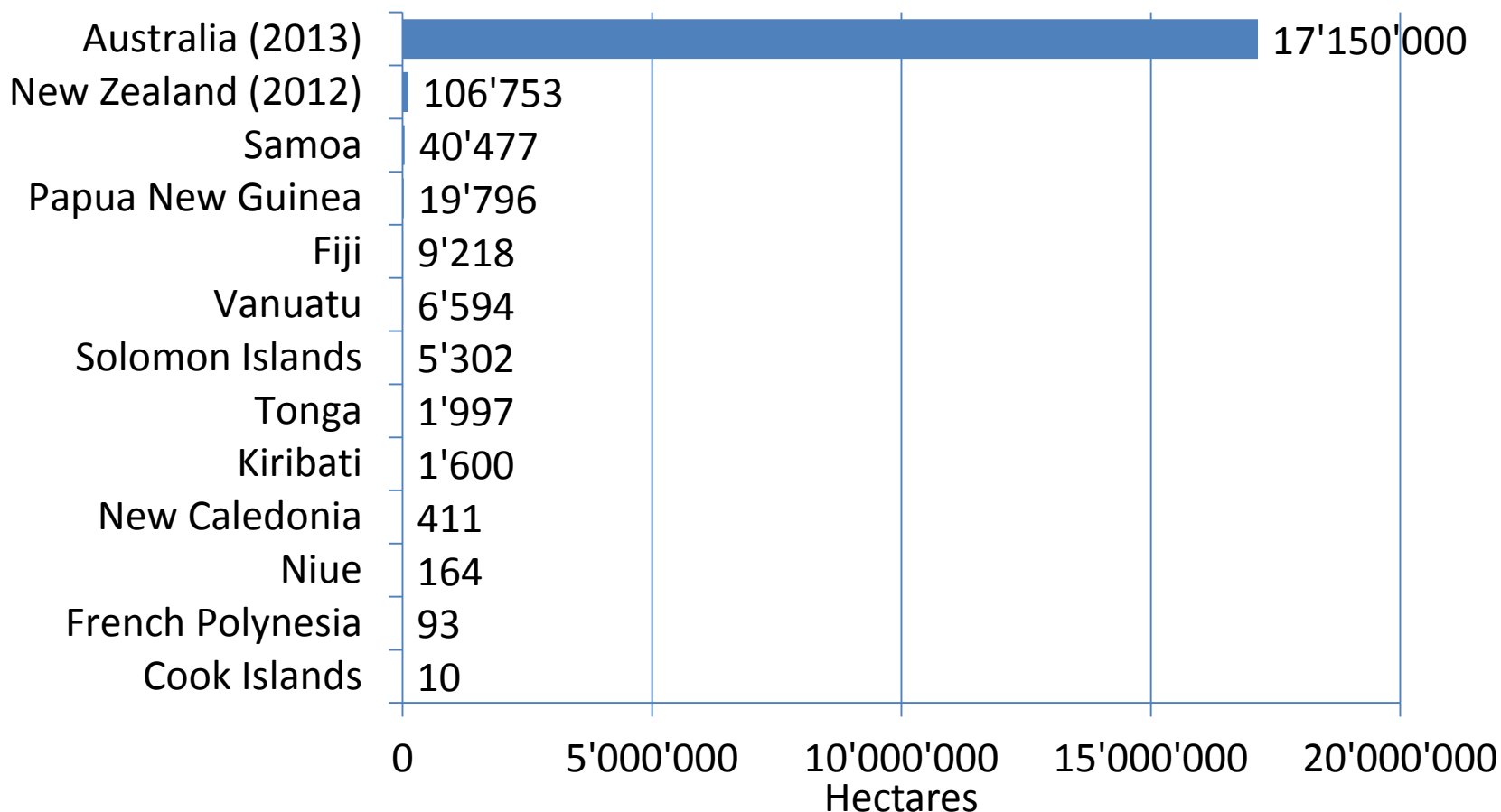
# Organic agriculture in Oceania: Key figures 2014

- › This region includes Australia, New Zealand, and the Pacific Islands.
- › Altogether, there are over 22'000 producers, managing 17.3 million hectares.
- › This constitutes 4.1 percent of the agricultural land in the area and almost 40 percent of the world's organic land.
- › Ninety-nine percent of the organic land in the region is in Australia (17.2 million hectares, 96 percent of which is extensive grazing land), followed by New Zealand (106'753 hectares, 2012), and Samoa (40'477 hectares).
- › The highest shares of all agricultural land are in Samoa (14.3 percent), followed by Tonga (6.4 percent), Solomon Islands (6.3 percent), and Kiribati (4.7 percent).

# Oceania: Organic agricultural land 2014

## Oceania: Organic agricultural land by country 2014

Source: FiBL survey 2016

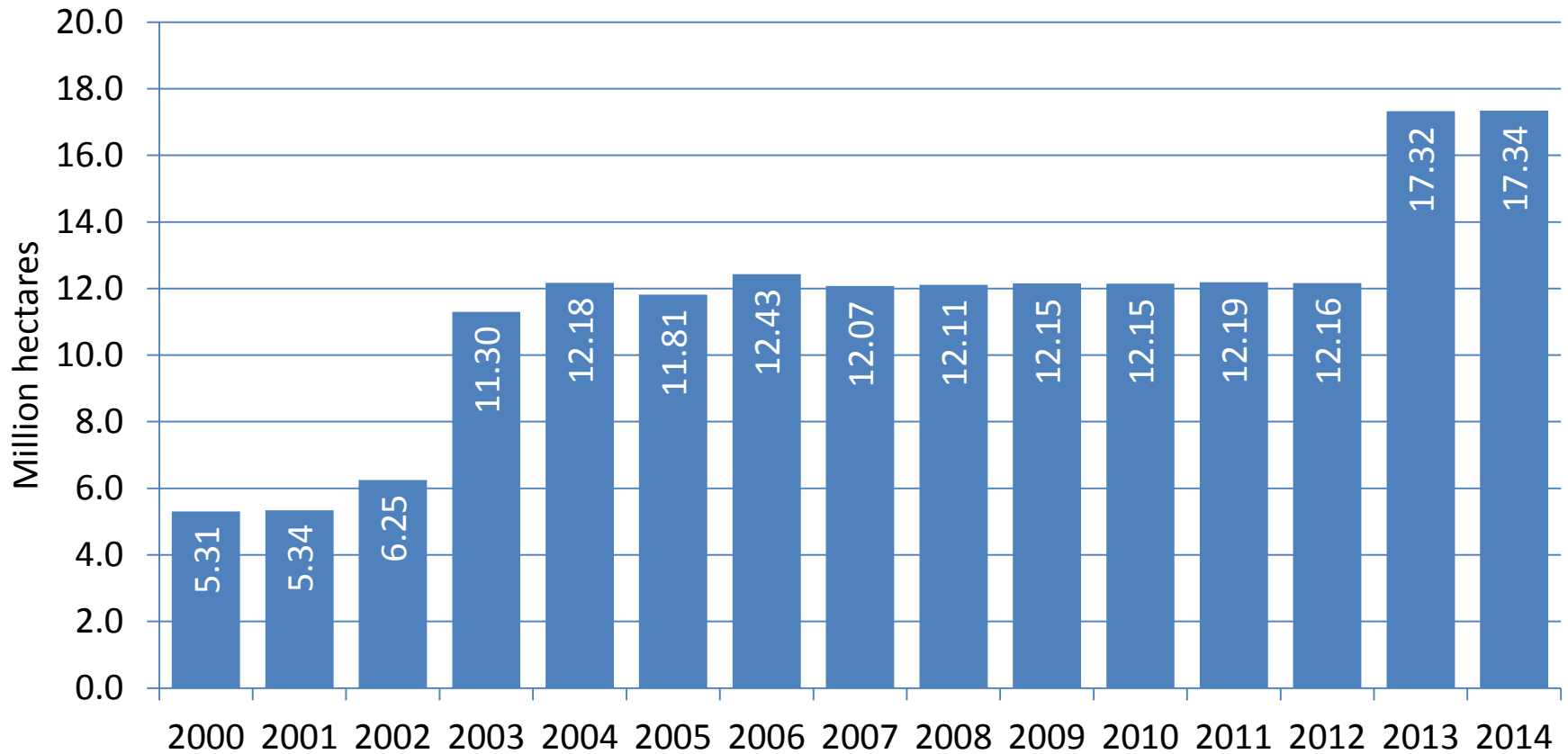




# Oceania: Development of organic agricultural land 2000-2014

## Oceania: Development of organic agricultural land 2000-2014

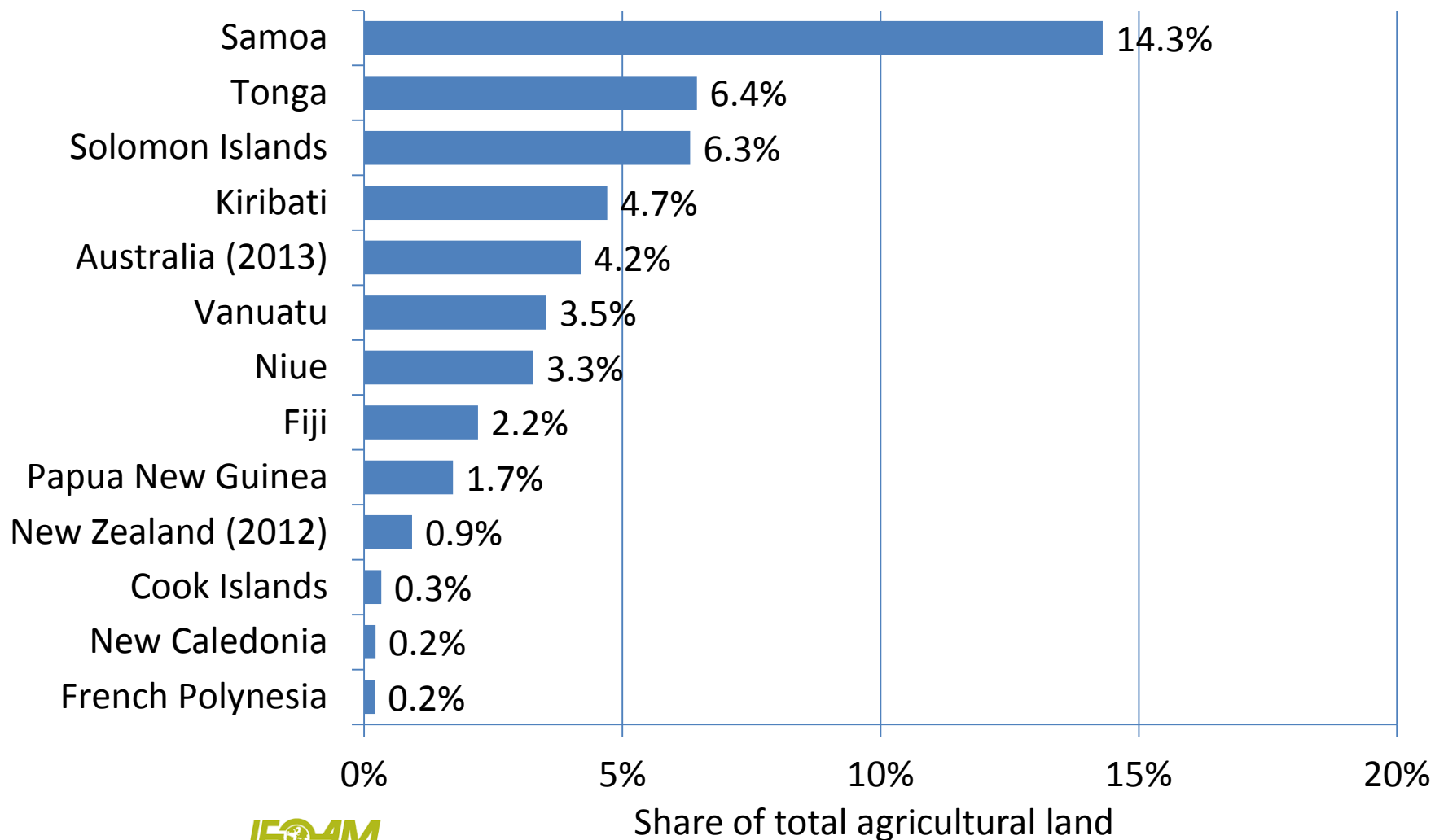
Source: FiBL-IFOAM-SOEL 2002-2016



# Oceania: Shares of organic agricultural land 2014

## Oceania: Share of organic agricultural land 2014

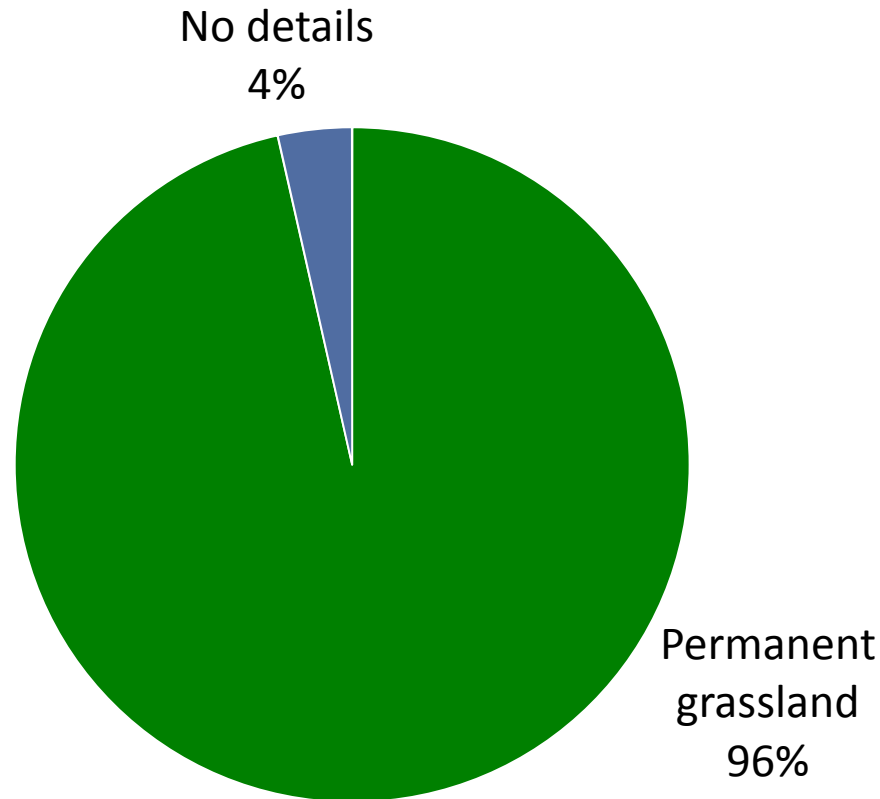
Source: FiBL survey 2016



# Oceania: Use of organic agricultural land 2014 (total: 17.3 million hectares)

## Oceania: Use of organic agricultural land 2014

Source: FiBL survey 2016



# Articles about Oceania in the 2016 Edition of "The World of Organic Agriculture"

- › Australia  
Dr Andrew Monk and Annabelle Bushell
- › The Pacific Islands  
Karen Mapusua

# References and data sources

- › FiBL\* and IFOAM\*\* (2016): Data on organic agriculture world-wide. In: FiBL& IFOAM (2016): The World of Organic Agriculture. Statistics and Emerging Trends. Frick and Bonn
- › FiBL\*, AMI\*\*\* and IFOAM\*\*: Organic market data. In: FiBL& IFOAM (2015): The World of Organic Agriculture. Statistics and Emerging Trends. Frick and Bonn
- › Willer, Helga and Julia Lernoud (2016): Current Statistics on Organic Agriculture Worldwide: Organic Area, Producers, Markets and Selected Crops. In: FiBL& IFOAM (2016): The World of Organic Agriculture. Statistics and Emerging Trends 2015. Frick and Bonn.
- › For detailed data sources by country please check <http://www.organic-world.net/statistics/statistics-data-sources.html?L=2>
- › \*FiBL= Research Institute of Organic Agriculture, Switzerland;  
\*\*IFOAM = International Federation of Organic Agriculture Movements, Germany;  
\*\*\*AMI = Agricultural Information Company, Germany
- › More information at <http://www.organic-world.net/yearbook/yearbook-2016.html>

# More information

- › More information (PDF, data sources, graphs) at <http://www.organic-world.net/yearbook/yearbook-2016.html>
- › Contact  
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