Organic Agriculture Worldwide 2017: Current Statistics

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BIOFACH 2019
Nuremberg, Germany
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The World of Organic Agriculture 2019
www.organic-world.net


• Data tables and graphs

• Country and continent reports

• Articles about the global market, standards, policy support

• Get your copy at the FiBL Stand in Hall 1/553 or the stand of IFOAM - Organics International (1/451)

• www.organic-world.net
Acknowledgements

• Swiss State Secretariat of Economic Affairs SECO

• International Trade Centre ITC

• Sustainability Fund of Coop Switzerland

• Nürnberg Messe, the organizers of the BioFach World Organic Trade Fair

• 200 experts from all parts of the world contributed to the FiBL survey 2019
The World of Organic Agriculture 2017

Organic Farmland 2017

- North America: 3.2 m ha
- Europe: 14.6 m ha
- Asia: 6.1 m ha
- Latin America: 8.0 m ha
- Africa: 2.1 m ha
- Oceania: 35.9 m ha

Organic farmland in million hectares

+4.7% From 2016

181 Countries with organic farming

Organic Producers 2017

The number of organic producers is increasing

2.9 million Organic farmers

Organic Market 2017

The global market is growing and consumer demand is increasing

approx. 92 Global organic food market in billion euros

Top 3 countries (market in billion euros)

- USA: 40.0
- Germany: 10.0
- France: 7.9

Number of producers: Top 3 countries

- India: 835'000
- Mexico: 210'000
- Uganda: 210'352

18.0% Organic market growth
13.3% Market share
288 € Highest per capita spending is in Switzerland

Source: FiBL survey based on national sources
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More information: www.organicworld.net - statistics.fibil.org
Another all times record year - highlights 2017

› Organic agricultural land reached an all time high with **69.8 million hectares**
› Largest area growth do far: **11.7 million hectares more** than in 2016, **20 percent increase**
› In **all continents** the organic area increased
› **1.4 percent** of the agricultural land is organic
› In **14 countries 10 percent** or more of the farmland is organic
› **2.9 million producers** were reported – another all time high
› **181 countries** with organic activities
› **41 million hectares** of non-agricultural areas
THE WORLD OF ORGANIC AGRICULTURE
2017 data

North America
- 3.2 M ha
- 19'017

Europe
- 14.6 M ha
- 397'509

Asia
- 6.1 M ha
- 1'144'263

Latin America
- 8 M ha
- 455'749

Africa
- 2.1 M ha
- 815'070

Oceania
- 35.9 M ha
- 26'750

Worldwide
- AREA 69.8 M ha
- PRODUCERS 2.9 M
- MARKET approx 92 billion €

M = million
ha = hectares

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Organic agriculture worldwide 2017

North America
3.2 million ha
19,017 producers

Europe
14.6 million ha
397,509 producers

Asia
6.1 million ha
1,1 million producers

Latin America
8.0 million ha
455,749 producers

Africa
2.1 million ha
815,070 producers

Oceania
35.9 million ha
267,50 producers
The ten countries with the most organic agricultural land 2017

The ten countries with the largest areas of organic agricultural land 2017
Source: FiBL survey 2019
Distribution of organic farmland 2017

Distribution of organic agricultural land by region 2017
Source: FiBL survey 2019

- Oceania: 51%
- Europe: 21%
- Latin America: 11%
- Asia: 9%
- North America: 5%
- Africa: 3%
- North America: 5%
- Africa: 3%
- Latin America: 11%
- Asia: 9%
- Europe: 21%
- Oceania: 51%
The countries with the highest shares of organic agricultural land 2017

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

Source: FiBL survey 2019

<table>
<thead>
<tr>
<th>Country</th>
<th>Share of Total Agricultural Land</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liechtenstein</td>
<td>37.9%</td>
</tr>
<tr>
<td>Samoa</td>
<td>37.6%</td>
</tr>
<tr>
<td>Austria</td>
<td>24.0%</td>
</tr>
<tr>
<td>Estonia</td>
<td>20.5%</td>
</tr>
<tr>
<td>Sweden</td>
<td>18.8%</td>
</tr>
<tr>
<td>Sao Tome and Principe</td>
<td>18.0%</td>
</tr>
<tr>
<td>Italy</td>
<td>15.4%</td>
</tr>
<tr>
<td>Latvia</td>
<td>14.8%</td>
</tr>
<tr>
<td>Switzerland</td>
<td>14.4%</td>
</tr>
<tr>
<td>Uruguay</td>
<td>13.0%</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>12.2%</td>
</tr>
<tr>
<td>Finland</td>
<td>11.4%</td>
</tr>
<tr>
<td>French Guiana (France)</td>
<td>10.0%</td>
</tr>
<tr>
<td>Slovakia</td>
<td>10.0%</td>
</tr>
</tbody>
</table>
World: Growth of the organic farmland and organic share 1999-2017

Growth of the organic agricultural land and organic share 1999-2017
Source: FiBL-IFOAM-SOEL surveys 1999-2019

Organic share in percent

Plus 20 %
2016/2017

Million hectares
World: Growth of organic farmland by continent 2017

Growth of the organic agricultural land by continent 2009-2017
Source: FiBL-IFOAM survey 2008-2019
ORGANIC FARMLAND 2017

World
69.8 Mio ha

Australia
35.6 Mio ha

1.4% of the world's farmland is organic

+533% since 1999

In Oceania there were 35.9 Mio ha, in Europe 14.6 Mio ha, and in Latin America 8 Mio ha.

The ten countries with the largest organic agricultural areas have combined 79% of the world's organic agricultural land.

14 countries have 10% or more of their agricultural land under organic management.

In 2017, over 11.7 million hectares more were reported compared with 2016.

The five countries with the largest areas of organic agricultural land 2017

Australia, Argentina, China, Spain, USA

Top five countries with more than 10 percent of organic agricultural land 2017

Argentina, China, Spain, USA, Australia

Distribution of organic agricultural land by region 2017

North America, Africa, Asia, Latin America, Europe, Oceania

Growth of the organic agricultural land 1999-2017

14 countries have 10% or more of their agricultural land under organic management.

In 2017, over 11.7 million hectares more were reported compared with 2016.

ORGANIC LAND USE 2017

12.1 Mio ha arable land

Arable land constitutes 17% of the world’s organic agricultural land, and 0.8% of the world’s arable crop land. It increased by 11.7% over 2016.

4.9 Mio ha, which is 2.9% of the world’s permanent cropland, and a 7% share of the organic agricultural land.

48.2 Mio ha of grassland, and an almost 27% increase compared with 2016.

69% grassland

The organic wild collection areas are concentrated in Europe, Africa, Asia, and Latin America.

41.0 Mio ha of wild collection

Organic wild collection: The five countries with the largest areas 2017

Organic arable land by region 2017
Organic arable land: Key crops 2017

Organic permanent crops by region 2017
Organic permanent crops: Key crops 2017

Organic permanent grassland by region 2017
Organic permanent grassland: The five countries with the largest areas 2017

Organic wild collection: The five countries with the largest areas 2017

World: Development of land use types in organic agriculture 2004-2017

Development of the organic land by land use type 2004-2017

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

- Permanent grassland
- Permanent crops
- Arable crops
World: Use of organic agricultural land 2017
(total: 69.8 million hectares)

Distribution of main land use types and
crop categories 2017
Source: FiBL survey 2019; based on information from the private sector,
certifiers, and governments.

Land use types 2017

- Arable land crops: 17%
- Permanent crops: 7%
- Other/No details: 7%
- Permanent grassland: 69%

Key arable crops
- Cereals: 4.5
- Green fodders: 2.8
- Oilseeds: 1.2
- Dry pulses: 1.0
- Vegetables: 0.7

Key permanent crops
- Coffee: 0.9
- Olives: 0.9
- Nuts: 0.6
- Coconut: 0.4
- Grapes: 0.4
Development of organic arable and permanent crops/crop groups 2004-2017

Source: FiBL-IFOAM-SOEL survey 2006-2019

Development of organic arable crop groups 2004-2017

- Vegetables
- Oilseeds
- Dry pulses
- Cereals

Development of organic permanent crops/crop groups 2004-2017

- Olives
- Grapes
- Fruit, tropical and subtropical
- Fruit, temperate
- Coffee
- Cocoa
- Citrus fruit

www.fibl.org
The ten countries with the largest numbers of organic producers 2017

Source: FiBL survey 2019

<table>
<thead>
<tr>
<th>Country</th>
<th>Number of Producers</th>
</tr>
</thead>
<tbody>
<tr>
<td>India (2016)</td>
<td>835'000</td>
</tr>
<tr>
<td>Uganda (2016)</td>
<td>210'352</td>
</tr>
<tr>
<td>Mexico (2016)</td>
<td>210'000</td>
</tr>
<tr>
<td>Ethiopia (2015)</td>
<td>203'602</td>
</tr>
<tr>
<td>Philippines</td>
<td>166'001</td>
</tr>
<tr>
<td>Tanzania (2013)</td>
<td>148'610</td>
</tr>
<tr>
<td>Peru</td>
<td>87'460</td>
</tr>
<tr>
<td>Turkey</td>
<td>75'067</td>
</tr>
<tr>
<td>Italy</td>
<td>66'773</td>
</tr>
<tr>
<td>Paraguay</td>
<td>58'258</td>
</tr>
</tbody>
</table>

Organic producers by region 2017

Source: FiBL survey 2019

- Asia: 40%
- Africa: 28%
- Latin America: 16%
- Europe: 14%
- North America: 1%
- Oceania: 1%
World: Development of organic producers 1999-2017

Development of the number of organic producers 1999-2017
Source: FiBL-IFOAM-SOEL-Surveys 1999-2019
The country with the most organic producers is India, followed by Uganda and Mexico.

More than 84% of the producers are in Asia, Africa, and Latin America.

There has been an increase in the number of producers by almost 127,500, or over 5% since 2016.

The five countries with the largest numbers of organic producers 2017

The largest single market is the USA followed by the EU (34.3 billion €) and China. By region, North America has the lead (43 billion €), followed by Europe (37.3 billion €) and Asia.

The countries with the largest market for organic food are the United States (40 billion €), followed by Germany (10 billion €), France (7.9 billion €) and China (7.6 billion €).

Switzerland has the highest per capita consumption worldwide, followed by Denmark and Sweden.

The highest shares the organic market of the total market is in Denmark, followed by Sweden, Switzerland, Austria, and Luxembourg.

Switzerland has the highest per capita consumption worldwide, followed by Denmark and Sweden.

The five countries with the highest per capita consumption 2017

The five countries with the highest organic shares of the total market 2017

Resources

- Slides and infographics at www.organic-world.net
- Twitter.com/fiblstatistics
- Interactive maps at www.organic-world.net
- Interactive data tables at statistics.fibl.org
- Interactive map at www.ifoam-eu.org
The World of Organic Agriculture at BIOFACH 2018

The session on global organic farming and market trends will take place 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 Lemoud, Research Institute of Organic Agriculture FiBL, Switzerland
> Beate Huber, Research Institute of Organic Agriculture FiBL, Switzerland
> Amarjit Sahota, President Ecovia Intelligence, UK
> Barbara Jäggi, SECO, Swiss Cooperation Office, Switzerland

Further information

Contact
> Helga Willer, FiBL, Frick, Switzerland

Link
> BIOFACH.de: The World of Organic Agriculture at BIOFACH 2018
Summary

• In 2017 organic farming continued to grow and all time highs were reached for the organic farmland, producers, and market.
• However, the development varies a lot between countries and regions.
• Other than in the past ten years, area growth is accelerating, however, particularly in Europe, production is still not keeping pace with the market development.
• For better monitoring of the development of the sector and to increase transparency, data collection and processing need to be improved in many countries, in particular for market and international trade data.
The World of Organic Agriculture 2019
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- www.organic-world.net
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<th>Indicator</th>
<th>World</th>
<th>Leading countries</th>
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</thead>
<tbody>
<tr>
<td>Countries with data on certified organic agriculture</td>
<td>2017: 181 countries</td>
<td></td>
</tr>
</tbody>
</table>
| Organic agricultural land                     | 2016: 69.8 million hectares (1999: 11 million hectares) | Australia (35.6 million hectares)  
Argentina (3.4 million hectares)  
China (3.0 million hectares) |
| Share of total agricultural land              | 2017: 1.4 %                                      | Liechtenstein (37.9 %)  
Samoa (37.6 %)  
Austria (24.0 %) |
| Further, non-agricultural organic areas (mainly wild collection) | 2017: 42.4 million hectares (1999: 4.1 million hectares) | Finland (11.6 million hectares)  
Zambia (6.0 million hectares)  
Tanzania (2.4 million hectares) |
| Producers                                     | 2017: 2.9 million producers (1999: 200'000 producers) | India (835'000)  
Uganda (210'352)  
Mexico (210'000) |
Germany (11.3 billion US dollars; 10 billion euros)  
France (8.9 billion US dollars; 7.9 billion euros) |
| Per capita consumption                        | 2017: 12.8 US dollars (10.8 euros)                | Switzerland (325 US dollars; 288 euros)  
Denmark (315 US dollars; 278 euros)  
Sweden (268 US dollars; 237 euros) |
| Number of countries with organic regulations  | 2017: 93 countries                               | Germany - 76 affiliates  
India - 47 affiliates  
China - 45 affiliates  
United States - 43 affiliates |
| Number of IFOAM affiliates                    | 2018: 726 affiliates from 110 countries           |                                                                                   |