Organic Agriculture Worldwide 2018: Current Statistics

Helga Willer, Bernhard Schlatter, Jan Trávníček, Laura Kemper and Julia Lernoud
Research Institute of Organic Agriculture (FiBL), Frick, Switzerland

BIOFACH 2020
Nuremberg, Germany
February 12, 2020
The World of Organic Agriculture 2020
www.organic-world.net

• The 21st edition of “The World of Organic Agriculture”, was published by FiBL and IFOAM – Organics International in February 2020.
• 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 2020

FiBL  www.fibl.org
Transnational data collection efforts

www.fibl.org
International certifiers that provided data for several countries

[Logos of various certifying bodies are shown here, including ACT, Bioinspecta, CCPB, CERES, CertiSys, ControlUnion, ECOCERT, Ecoglobe, ECOagros, ICEA, IMOCert, Kiwa, Lacon, NASAA Certified Organic, QIA, OneCert, QCS, and Soil Association.]
Key data 2018

- Organic agricultural land reached **71.5 million hectares**
- Area growth: **2.02 million hectares more** than in 2017, **2.9 percent increase**
- In **all continents** the organic area increased
- **1.5 percent** of the agricultural land is organic
- In **16 countries 10 percent** or more of the farmland is organic
- **2.8 million producers** were reported
- **186 countries** with organic activities
- **35.7 million hectares** of non-agricultural areas

www.fibl.org
The ten countries with the largest areas of organic agricultural land 2018

Source: FiBL survey 2020

Australia 35.69
Argentina 3.63
China 3.14
Spain 2.25
Uruguay 2.15
France 2.04
United States of America 2.02
Italy 1.96
India 1.94
Germany 1.52
Distribution of organic agricultural land by region 2018

Source: FiBL survey 2020

- Oceania: 50%
- Europe: 22%
- Latin America: 11%
- Asia: 9%
- North America: 5%
- Africa: 3%

www.fibl.org
Countries with an organic share of at least 10 percent of the agricultural land 2018

Source: FiBL survey 2020

The eleven countries with the highest shares of organic agricultural land 2013

- Liechtenstein: 38.5%
- Samoa: 34.5%
- Austria: 24.7%
- Sao Tome and Principe: 22.5%
- Estonia: 21.6%
- Sweden: 19.9%
- Timor-Leste: 16.8%
- Italy: 15.8%
- Latvia: 15.4%
- Switzerland: 15.4%
- Uruguay: 14.9%
- Vanuatu: 13.7%
- Finland: 13.0%
- Czech Republic: 12.8%
- French Guiana (France): 10.1%
- Slovakia: 10.0%
Growth of the organic agricultural land and organic share 1999-2018
Source: FiBL-IFOAM-SOEL-Surveys 2001-2020

Organic share in percent

Growth of the organic agricultural land 1999-2013
Growth of the organic agricultural land by continent 2010-2018

Source: FiBL-IFOAM survey 2012-2020
The country with the most organic producers is India, followed by Uganda and Ethiopia. More than 90% of the producers are in Asia, Africa, and Europe. There has been an increase in the number of producers by almost 991,684, or over 55% over the past decade.

The five countries with the largest numbers of organic producers 2018

Distribution of organic producers by region 2018

Development of the number of organic producers 1999-2018

World: Development of land use types in organic agriculture 2004-2018

Development of the organic land by land use type 2004-2018
Source: FiBL-IFOAM-SOEL-Surveys 1999-2020
ORGANIC LAND USE 2018

Arable land constitutes 18.6% of the world’s organic agricultural land, and 1.1% of the world’s arable crop land. It increased by 5.1% over 2017.

Permanent crops constitute 6.7% of the world’s organic agricultural land, and 2.9% of the world’s permanent cropland. It decreased by 2.9% over 2017.

Permanent grassland constitutes 67.4% of the world’s organic agricultural land, and 1.5% of the world’s permanent grassland. It increased by 3.0% over 2017.

Over 82% of the wild collection is in Europe (almost 18 million hectares) and Africa (over 14.3 million hectares).

Organic arable land by region 2018
Organic arable land: The five countries with the largest areas 2018

Organic permanent crops by region 2018
Organic permanent crops: The five countries with the largest areas 2018

Organic permanent grassland by region 2018
Organic permanent grassland: The five countries with the largest areas 2018

Organic wild collection by region 2018
Organic wild collection: The five countries with the largest areas 2018

PowerBI interactive graphs at statistics.fibl.org

Cereals: Organic area by country

The countries with the largest organic area in hectares

<table>
<thead>
<tr>
<th>Country</th>
<th>Area (M hectares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>0.91</td>
</tr>
<tr>
<td>Italy</td>
<td>0.37</td>
</tr>
<tr>
<td>USA</td>
<td>0.28</td>
</tr>
<tr>
<td>Germany</td>
<td>0.27</td>
</tr>
<tr>
<td>Canada</td>
<td>0.26</td>
</tr>
<tr>
<td>France</td>
<td>0.24</td>
</tr>
<tr>
<td>Spain</td>
<td>0.21</td>
</tr>
<tr>
<td>Turkey</td>
<td>0.20</td>
</tr>
<tr>
<td>Ukraine</td>
<td>0.13</td>
</tr>
<tr>
<td>Poland</td>
<td>0.12</td>
</tr>
<tr>
<td>Austria</td>
<td>0.11</td>
</tr>
<tr>
<td>Sweden</td>
<td>0.11</td>
</tr>
</tbody>
</table>

The countries with the highest organic area share in %

<table>
<thead>
<tr>
<th>Country</th>
<th>Share (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>14.7</td>
</tr>
<tr>
<td>Estonia</td>
<td>11.8</td>
</tr>
<tr>
<td>Sweden</td>
<td>11.6</td>
</tr>
<tr>
<td>Italy</td>
<td>9.7</td>
</tr>
<tr>
<td>Lithuania</td>
<td>8.1</td>
</tr>
<tr>
<td>Latvia</td>
<td>8.0</td>
</tr>
<tr>
<td>Switzerland</td>
<td>7.7</td>
</tr>
<tr>
<td>Montenegro</td>
<td>7.1</td>
</tr>
<tr>
<td>Greece</td>
<td>7.1</td>
</tr>
<tr>
<td>Bolivia</td>
<td>7.1</td>
</tr>
<tr>
<td>Finland</td>
<td>6.7</td>
</tr>
<tr>
<td>Denmark</td>
<td>4.9</td>
</tr>
</tbody>
</table>

The development of the organic cereal area in hectares

Distribution of the organic area by cereal type

<table>
<thead>
<tr>
<th>Cereal Type</th>
<th>Area (M hectares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole grain wheat</td>
<td>33.8%</td>
</tr>
<tr>
<td>Barley</td>
<td>9.3%</td>
</tr>
<tr>
<td>Rice</td>
<td>11.8%</td>
</tr>
<tr>
<td>Guts</td>
<td>12.1%</td>
</tr>
<tr>
<td>Other</td>
<td>6.3%</td>
</tr>
</tbody>
</table>

Organic area by continent in hectares

<table>
<thead>
<tr>
<th>Continent</th>
<th>Area (M hectares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>2.4</td>
</tr>
<tr>
<td>Asia</td>
<td>1.1</td>
</tr>
<tr>
<td>Northern America</td>
<td>0.5 M</td>
</tr>
<tr>
<td>Latin America</td>
<td>0.2 M</td>
</tr>
<tr>
<td>Africa</td>
<td>0.1</td>
</tr>
<tr>
<td>Oceania</td>
<td>0.1</td>
</tr>
</tbody>
</table>

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

www.fibl.org
Imports to the European Union by country and by crop group 2018; total: 3.3 million tons
Source: TRACES/European Commission
Conclusions

The organic area and market continues to grow at a solid pace worldwide.

Currently production is growing faster than in the past, thus the potential is there to meet the demand of the market better and decrease dependency on imports.

Other sustainability labels are increasingly gaining ground. Most of them, however, focus only a few commodities. Multiple certification is gaining importance.

More and better data, better data access, access to visual data and linking data is needed for policy makers, market actors and researchers.

Organic farming statistics have a potential role to play when it comes to fraud detection – DG Agri’s new import data are an important step forward!
The World of Organic Agriculture 2018

**Organic Farmland 2018**
- North America: 3.3 m ha
- Europe: 15.6 m ha
- Asia: 6.5 m ha
- Latin America: 8.0 m ha
- Africa: 2.0 m ha
- Oceania: 36.0 m ha

**Organic Producers 2018**
- The number of organic producers is increasing
- 2.8 million Organic farmers
- +55% From 2009

**Organic Market 2018**
- The global market is growing and consumer demand is increasing
- Almost 97
- Global organic food market in billion euros

**Top 3 countries (land in million hectares)**
- Australia: 35.6
- Argentina: 3.6
- China: 3.1

**Number of producers: Top 3 countries**
- India: 210,352
- Uganda: 203,602
- Ethiopia: 1,149,371

Source: FiBL survey based on national sources
© FiBL 2020
More information: www.organicworld.net - statistics.fibl.org

FiBL

15.4% Organic market growth
11.5% Market share
312 € Highest per capita spending is in Denmark and Switzerland
Resources

• «The World of Organic Agriculture» at www.organic-world.net
• 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
North America
3.3 million ha
23,957 producers

Europe
15.6 million ha
418,610 producers

Asia
6.5 million ha
1,3 million producers

Latin America
8.0 million ha
227,859 producers

Africa
2.0 million ha
788,858 producers

Oceania
36.0 million ha
20,859 producers

Thank you very much for your attention!
Presentations at [www.organic-world.net](http://www.organic-world.net)

### Organic World

Global organic farming statistics and news

---

**Statistics Sessions at BIOFACH 2020**

At BIOFACH 2020, which will take place at the Messezentrum Nürnberg, Nuremberg from February 12 to 15, several statistics-related sessions will take place. These are listed below:

- The yearbook "The World of Organic Agriculture 2020" will be launched on February 12 at 5 pm,
  - Feb 12, 2020, 3 to 4 pm, Location: Hall Shanghai, NCC Ost
  - The German Organic Market, (with simultaneous translation)
  - Feb 12, 2020, 4 to 5 pm, Location: Hall Shanghai, NCC Ost
  - The European Market on Organic Food, (with simultaneous translation)
  - Feb 12, 2020, 5 to 6 pm, Location: Hall Shanghai, NCC Ost
  - The World of Organic Agriculture (with simultaneous translation)
  - Feb 13, 2020, 10 to 11:30 am, Location: Hall St. Petersburg, NCC Ost
  - Global Organic Market Overview
  - Feb 13, 2020, 5 to 6 pm, Location: Hall Ost, NCC Ost
  - Harmonisation of organic consumer data

---

[www.fibl.org](http://www.fibl.org)
Data on organic agriculture world-wide
Organic farming statistics & country news from around the world, provided by the Research Institute of Organic Agriculture (FiBL), jibong & @jibong
© Jibong, Switzerland
© organic-world.net
Se unió en abril de 2015

Tweets
1.063
Siguientes
70
Seguidores
716
Me gusta
64
Listos
1
Momentos
0

Tu actividad de Tweets
Tus Tweets consiguieron 4,448 impresiones durante la última semana

A quién seguir
Actualizar
Ver todas
Naturland e.V. @Naturland... Seguir
Eduardo Cuoco @Eduardo... Seguir
Andre Leu @Andreleu...
The World of Organic Agriculture 2020
www.organic-world.net

• Get your copy at the stand
• FiBL - Hall 1/553 or
• IFOAM - Organics International - Hall 1/451
• www.organic-world.net
## Organic Agriculture: Key Indicators and Top Countries

<table>
<thead>
<tr>
<th>Indicator</th>
<th>World</th>
<th>Top countries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Countries with organic activities</strong>¹</td>
<td>2018: 186 countries</td>
<td><strong>Australia (35.7 million hectares)</strong></td>
</tr>
<tr>
<td><strong>Organic agricultural land</strong></td>
<td>2018: 71.5 million hectares (1999: 11 million hectares)</td>
<td><strong>Argentina (3.6 million hectares)</strong>, <strong>China (3.1 million hectares)</strong></td>
</tr>
<tr>
<td><strong>Organic share of total agricultural land</strong></td>
<td>2018: 1.5 %</td>
<td><strong>Liechtenstein (38.5 %)</strong>, <strong>Samoa (34.5 %)</strong>, <strong>Austria (24.7 %)</strong></td>
</tr>
<tr>
<td><strong>Wild collection and further non-agricultural areas</strong></td>
<td>2018: 35.7 million hectares (1999: 4.1 million hectares)</td>
<td><strong>Finland (11.3 million hectares)</strong>, <strong>Zambia (3.2 million hectares)</strong>, <strong>Tanzania (2.4 million hectares)</strong></td>
</tr>
<tr>
<td><strong>Producers</strong></td>
<td>2018: 2.8 million producers (1999: 200’000 producers)</td>
<td><strong>India (1’149’371)</strong>, <strong>Uganda (210’352)</strong>, <strong>Ethiopia (203’602)</strong></td>
</tr>
<tr>
<td><strong>Organic market</strong>²</td>
<td>2018: 96.7 billion euros (2000: 15.1 billion euros)</td>
<td><strong>US (40.6 billion euros)</strong>, <strong>Germany (10.9 billion euros)</strong>, <strong>France (9.1 billion euros)</strong></td>
</tr>
<tr>
<td><strong>Per capita consumption</strong></td>
<td>2018: 12.8 euros</td>
<td><strong>Switzerland (312 euros)</strong>, <strong>Denmark (312 euros)</strong>, <strong>Sweden (231 euros)</strong></td>
</tr>
<tr>
<td><strong>Number of countries with organic regulations</strong></td>
<td>2018: 103 countries</td>
<td></td>
</tr>
<tr>
<td><strong>Number of affiliates of IFOAM – Organics International</strong></td>
<td>2018: 779 affiliates from 110 countries</td>
<td><strong>Germany - 79 affiliates</strong>, <strong>India - 55 affiliates</strong>, <strong>China - 45 affiliates</strong>, <strong>United States - 48 affiliates</strong></td>
</tr>
</tbody>
</table>

*Source: FiBL survey 2020, based on national data sources and data from certifiers*