Tue
Feb 14
17:00-18:00

The World of Organic Agriculture
Latest Statistics and Trends

BIOFACH 2023
into organic

Seoul (NCC Ost)
Our Speakers

Silvan Hungerbühler
Project Manager
Swiss State Secretariat for Economic Affairs

Helga Willer
Leader of the Group Project communication
FiBL - Research Institute of Organic Agriculture

Vladyslav Zhmailo
Policy & Guarantee Coordinator
IFOAM – Organics International

Amarjit Sahota
Founder & Director
Ecovia Intelligence
The World of Organic Agriculture 2023
Latest Statistics About Organic Agriculture Worldwide

Helga Willer, Jan Trávníček, Bernhard Schlatter
Research Institute of Organic Agriculture (FiBL), Frick, Switzerland

The World of Organic Agriculture 2023

February 14, 2023
The World of Organic Agriculture 2023

- Data tables
- Country and continent reports
- Markets, standards, policy support
- The book can be ordered or downloaded at (item number 1254): https://www.fibl.org/en/shop-en

- www.organic-world.net
- https://statistics.fibl.org
Acknowledgements

• The Swiss State Secretariat of Economic Affairs (SECO)

• Coop Sustainability Fund

• NürnbergMesse, the organizers of BIOFACH

• IFOAM – Organics International

• More than 200 experts from all parts of the world contributed to the FiBL survey 2023.
FiBL Statistics Team

Bernhard Schlatter
Jan Trávníček
Helga Willer
Transnational data collection efforts

eurostat

CIAO

SPC
Secretariat of the Pacific Community

MOAN
Mediterranean Organic Agriculture Network

FiBL

IFCA
International Federation of Organic Agriculture Movements

CIHEAM
International certifiers that provided data for several countries
Organic Agriculture Worldwide 2021

**Organic Farmland**
- Organic farmland in million (M) hectares (ha)
  - 76.4M ha
  - 1.7% Growth 2020/2021

**Organic Producers**
- The number of organic producers is increasing
  - 3.7M Organic farmers (million)
  - From 2020

**Organic Market**
- The global market is growing and consumer demand is increasing
  - Over 124.8 Global organic food market in billion euros

**Market in billion euros**
- Top 3 countries
  - USA: 48.6
  - Germany: 15.9
  - France: 12.7

**Market growth in percent**
- Top 3 countries
  - Estonia: 21.0
  - Luxembourg: 15.3
  - Canada: 11.0

**Farmland in million (M) hectares**
- Top 3 countries
  - Australia: 35.7M
  - Argentina: 4.1M
  - France: 2.8M

**Number of producers**
- Top 3 countries
  - India: 15996010
  - Uganda: 404246
  - Ethiopia: 218175

Source: FiBL survey © 2023
Key data 2021

• Organic agricultural land
  • reached more than **76.4 million** hectares
  • **1.3 million hectares more** than in 2020, **1.7 percent increase** (China, France, Spain)
  • **1.6 percent** of the agricultural land is **organic**
    In 20 countries 10 percent or more of the farmland is organic

• Producers
  • **3.7 million producers** were reported

• 191 countries with organic activities
World: The ten countries with the largest areas of organic agricultural land 2021

Source: FiBL survey 2023

Australia: 35.69M
Argentina: 4.07M
France: 2.78M
China: 2.75M
Uruguay: 2.74M
India: 2.66M
Spain: 2.64M
USA: 2.33M
Italy: 2.19M
Germany: 1.80M

Hectares (M=million)
World: Distribution of organic agricultural land by region 2021
Source: FiBL survey 2023

- Oceania: 47%
- Europe: 23%
- Latin America: 13%
- Asia: 9%
- Northern America: 5%
- Africa: 3%
## World: Countries with an organic share of the total agricultural land of at least 10 percent 2021

Source: FiBL survey 2023

<table>
<thead>
<tr>
<th>Country</th>
<th>Organic Share (% of Total Agricultural Land)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liechtenstein</td>
<td>40.2%</td>
</tr>
<tr>
<td>Samoa</td>
<td>29.1%</td>
</tr>
<tr>
<td>Austria</td>
<td>26.5%</td>
</tr>
<tr>
<td>Estonia</td>
<td>23.0%</td>
</tr>
<tr>
<td>São Tomé and Príncipe</td>
<td>21.1%</td>
</tr>
<tr>
<td>Sweden</td>
<td>20.2%</td>
</tr>
<tr>
<td>Uruguay</td>
<td>19.6%</td>
</tr>
<tr>
<td>Switzerland</td>
<td>17.4%</td>
</tr>
<tr>
<td>Italy</td>
<td>16.7%</td>
</tr>
<tr>
<td>Czechia</td>
<td>15.8%</td>
</tr>
<tr>
<td>Latvia</td>
<td>14.8%</td>
</tr>
<tr>
<td>Finland</td>
<td>14.4%</td>
</tr>
<tr>
<td>French Guiana</td>
<td>11.9%</td>
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<tr>
<td>Slovakia</td>
<td>11.7%</td>
</tr>
<tr>
<td>Dominica</td>
<td>11.6%</td>
</tr>
<tr>
<td>Denmark</td>
<td>11.4%</td>
</tr>
<tr>
<td>Germany</td>
<td>10.8%</td>
</tr>
<tr>
<td>Spain</td>
<td>10.8%</td>
</tr>
<tr>
<td>Slovenia</td>
<td>10.8%</td>
</tr>
<tr>
<td>Greece</td>
<td>10.1%</td>
</tr>
</tbody>
</table>
World: Growth of organic agricultural land and organic share 2000 - 2021

Source: FiBL-IFOAM-SOEL surveys 2001-2023
World: Growth of the organic agricultural land by continent 2001 - 2021

Source: FiBL-IFOAM surveys 2001-2023
WORLD: ORGANIC PRODUCERS 2021

The countries with the most organic producers were India, Uganda, Ethiopia and Tanzania.

The five countries with the most organic producers 2021.

More than 91% of the producers were in Asia, Africa and Europe.

Distribution of organic producers by region 2021.

There has been an increase in the number of producers by 170 000 or 4.9% between 2020-2021.

Development of the number of organic producers 2000-2021.

Source: FiBL 2023 www.organic-world.net - statistics.fibl.org
European Union: Organic agri-food import to the European Union 2021

Source: Traces/European Commission 2022
What’s new

Further work on Power BI infographics

Integration of combined organic exports to the European Union and US

New compact continent report, more graphs and tables

Specials: Country reports Kenya, New Zealand, Ukraine
COLEAD STUDY ON ORGANIC FRUIT & VEGETABLE TRADE

CONTENT: FOCUS ON THE 11 KEY PRODUCTS

**Production**
- Trends: surface, % total farmland, # producers...
- Focus on ACP region, F&V
- Retail sales 2000-'20: Global, EU, US, Asia, Afr., Oceania

**Demand**
- EU imports 2018-'21
- US imports 2016-'20
- Influencing factors

**Key Products**
- Detailed imports to EU, US
- Suppliers evolution
- Growth rates, share of organic imports

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**11 Products**

**Fruits & Nuts**
- Avocado
- Banana
- Cashew nut

**Veg & Spices**
- Ginger
- Onion
- Pulses
- Tomato
- Sweet potato

**EU27 imports**

![Graph showing EU27 key products imports: 2018 - 2021 annual growth (x-axis), 2021 import volume (y-axis) and the share of total imports (conventional and organic) that is organic (bubble size). Excluding bananas. 721k tonnes in 2021, 12.5% annual growth and 13.7% of the total imports are organic.](image-url)
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 at statistics.fibl.org
• Interactive data visualisations at statistics.fibl.org
• Interactive map at www.ifoam-eu.org
Thank you very much for your attention!
Organic World
Global organic farming statistics

Presentations at www.organic-world.net

Register now: Launch of "The World of Organic Agriculture 2022"

On the 15th of February, 12 pm CET, the 2022 edition of the yearbook "The World of Organic Agriculture" with the latest data on organic farming in Europe and worldwide will be launched at a virtual event.

The event is organized by BIOFACH, IFOAM - Organics International and the Research Institute of Organic Agriculture FiBL.

Registration is available here: https://www.biofach.de/en/mw047

News
February 09, 2022
Register now: Launch of "The World of Organic Agriculture 2022"
On the 15th of February, 12 pm CET, the latest statistical data on organic farming in Europe and...

February 02, 2022
Now online: Table of Contents of "The World of Organic Agriculture 2022"
The table of Contents of "The World of Organic Agriculture 2022" is now online. The PDF will be...
FiBL Statistics - European and global organic farming statistics

On Statistics.FiBL.org, the Research Institute of Organic Agriculture FiBL provides access to the data collected in the framework of its annual survey on organic agriculture worldwide. This website is a supplement to FiBL’s Organic-World.net website, which hosts the statistical yearbook The World of Organic Agriculture and contains country and background information on organic farming worldwide.

Announcements

February 15, 2021: Now available: Slides from the statistics session at the BIOFACH eSPECIAL

February 17, 2021: Now updated: Interactive online graphics and interactive tables


More news on Organic-World.net

Follow us on Twitter
For latest news follow FiBL Statistics on Twitter @fiblstats

Work in progress
Please note that work on this website is in progress. If you have any questions and suggestions, please let us know and send an e-mail to helpa.willer(at)fibl.org.
# Organic Agriculture: Key Indicators and Top Countries 2021

<table>
<thead>
<tr>
<th>Indicator</th>
<th>World</th>
<th>Top countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countries with organic activities</td>
<td>2021: 191 countries</td>
<td></td>
</tr>
<tr>
<td>Organic agricultural land</td>
<td>2021: 76.4 million hectares</td>
<td>Australia (35.7 million hectares)</td>
</tr>
<tr>
<td></td>
<td>(1999: 11 million hectares)</td>
<td>Argentina (4.1 million hectares)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>France (2.8 million hectares)</td>
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<tr>
<td>Organic share of total agricultural land</td>
<td>2021: 1.6 %</td>
<td>Liechtenstein (40.2 %)</td>
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<tr>
<td></td>
<td></td>
<td>Samoa (29.1 %)</td>
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<tr>
<td></td>
<td></td>
<td>Austria (26.5 %)</td>
</tr>
<tr>
<td>Increase of organic agricultural land 2020/2021</td>
<td>1.3 million hectares (ha); +1.7%</td>
<td>China: 319'000 ha (+13 %),</td>
</tr>
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<td></td>
<td></td>
<td>France: 228'000 ha (+9 %)</td>
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<tr>
<td></td>
<td></td>
<td>Spain: 198'000 ha (+8 %)</td>
</tr>
<tr>
<td>Wild collection and further non-agricultural areas</td>
<td>2021: 29.7 million hectares (ha)</td>
<td>Finland (6.9 million ha)</td>
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<tr>
<td></td>
<td>(1999: 4.1 million hectares)</td>
<td>Zambia (2.5 million ha)</td>
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<tr>
<td></td>
<td></td>
<td>Namibia (2.3 million ha)</td>
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<tr>
<td>Producers</td>
<td>2021: 3.7 million producers</td>
<td>India (1'599'010)</td>
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<tr>
<td></td>
<td>(1999: 200’000 producers)</td>
<td>Uganda (404’246)</td>
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<tr>
<td></td>
<td></td>
<td>Ethiopia (218’175)</td>
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<tr>
<td>Organic market</td>
<td>2021: 124.8 billion euros</td>
<td>US (48.6 billion euros)</td>
</tr>
<tr>
<td></td>
<td>(2000: 15.1 billion euros)</td>
<td>Germany (15.9 billion euros)</td>
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<tr>
<td></td>
<td></td>
<td>France (12.7 billion euros)</td>
</tr>
<tr>
<td>Per capita consumption</td>
<td>2021: 15.7 euros</td>
<td>Switzerland (425 euros)</td>
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<tr>
<td></td>
<td></td>
<td>Denmark (384 euros)</td>
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<tr>
<td></td>
<td></td>
<td>Luxembourg (313 euros)</td>
</tr>
<tr>
<td>Number of countries/territories with organic regulations</td>
<td>2022: 74 (fully implemented)</td>
<td></td>
</tr>
<tr>
<td>Number of affiliates of IFOAM – Organics International</td>
<td>2022: 791 affiliates</td>
<td>Germany: 81 affiliates</td>
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<tr>
<td></td>
<td></td>
<td>China: 54 affiliates</td>
</tr>
<tr>
<td></td>
<td></td>
<td>India: 46 affiliates</td>
</tr>
<tr>
<td></td>
<td></td>
<td>USA: 45 affiliates</td>
</tr>
</tbody>
</table>

*Where the designation "country" appears in this book, it covers countries and territories, see UNSTAT website [https://unstats.un.org/unsd/methodology/m49/](https://unstats.un.org/unsd/methodology/m49/)

*Please note that there are some differences in organic food sales figures from Ecovia Intelligence and those from FiBL due to different methodologies. According to Ecovia Intelligence, global retail sales reached 135.5 billion US dollars in 2021 (see article by Sahota in this volume). One euro corresponded to 1.1827 US dollars in 2021 according to the European Central Bank.*
Organic Agriculture Worldwide 2021

**Organic Farmland**
- Organic farmland in million (M) hectares (ha):
  - Australia: 35.7M ha
  - Argentina: 4.1M ha
  - France: 2.8M ha

**Organic Producers**
- The number of organic producers is increasing:
  - 3.7M organic farmers (million)

**Organic Market**
- Over 124.8 billion euros
- Market in billion euros
  - USA: 48.6
  - Germany: 15.9
  - France: 12.7
- Market growth in percent
  - Estonia: 21.0
  - Luxembourg: 15.3
  - Canada: 11.0

**Growth 2020/2021**
- 1.7%

**Countries with organic farming**
- 191

**Farmland in million (M) hectares Top 3 countries**
- Australia
- Argentina
- France

**Number of producers Top 3 countries**
- India: 1,599,010
- Uganda: 404,246
- Ethiopia: 218,175

Source: FiBL survey © 2023
**WORLD: ORGANIC RETAIL SALES 2021**

**World**
- Almost 125bn €

**Europe**
- 54.5bn €

**425 € spent per person in Switzerland**

**13.0% of the market in Denmark was organic**

The largest single market was the USA with 48.6 billion (bn) €, followed by the European Union (46.7 bn €). By region, Europe had the lead (54.5 bn €), followed by Northern America (53.9 bn €) and Asia (13.7 bn €).

The countries with the largest markets for organic food were the USA with 48.6 billion (bn) €, Germany (15.9 bn €), France (12.7 bn €) and China (11.3 bn €).

Switzerland had the highest per capita consumption worldwide, followed by Denmark, Luxembourg, Austria and Sweden.

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

The five countries with the largest markets for organic food in 2021.

The five countries with the highest per capita consumption 2021.

The five countries with the highest organic shares of the total market in 2021.

Source: FiBL 2023 www.organic-world.net - statistics.fibl.org
EUROPE: ORGANIC FARMLAND 2021

Europe 17.8M hectares

More than half of Europe’s organic agricultural land (17.8 million (M) hectares) was in four countries.

France 2.8M hectares

The countries with the largest organic agricultural area were France, Spain and Italy.

3.6% of Europe’s farmland is organic

15 countries had 10% or more of their agricultural land under organic management.

4.4% growth since 2020

In 2021, nearly 0.75 million hectares more were reported compared with 2020.

Distribution of organic agricultural land by country 2021.

The 5 countries with the largest areas of organic agricultural land 2021.

Top 5 countries with an organic share of more than 10% of total agricultural land 2021.


**WORLD: ORGANIC PRODUCERS 2021**

- **World**: 3.7M producers
- **Asia**: 1.78M producers
- **4.9% growth since 2020**

The countries with the most organic producers were India, Uganda, Ethiopia and Tanzania.

More than 91% of the producers were in Asia, Africa and Europe.

There has been an increase in the number of producers by 170,000 or 4.9% between 2020-2021.

The five countries with the most organic producers 2021.

Distribution of organic producers by region 2021.

Development of the number of organic producers 2000-2021.

Source: FiBL 2023 www.organic-world.net - statistics.fibl.org
Organic Agriculture in Europe 2021

**Organic Farmland**
- Organic farmland in million (M) hectares (ha): 17.8M
- Growth 2020/2021: 4.4%
- Organic share of total farmland: 3.6%

**Organic Producers**
- The number of organic producers is increasing
- Number of producers: 442,274
- Growth 2020/2021: 5.8%

**Organic Market**
- The European market is growing
- Europe’s organic retail sales in billion euros: 54.5
- Per capita spending in euros: 66
- Organic market growth 2020/2021: 3.8%

**Farmland in million (M) hectares Top 3 countries**
- France: 2.8M
- Spain: 2.6M
- Italy: 2.2M

**Number of producers Top 3 countries**
- Italy: 75,874
- France: 58,413
- Spain: 52,681

**Market in billion euros Top 3 countries**
- Germany: 15.9
- France: 12.7
- Italy: 3.9

**Market growth in percent Top 3 countries**
- Estonia: 21.0
- Luxembourg: 15.3
- Austria: 5.8

Source: FiBL survey © 2023
Organic Agriculture in the European Union 2021

**Organic Farmland**
- 2.8M ha
- 2.6M ha
- 2.2M ha

**Organic Producers**
- The number of organic producers is increasing
- 378'226

**Organic Market**
- The European Union’s market is growing
- 46.7
- 104
- 3.6%

**Growth 2020/2021**
- 8.2%

**Organic farmland in million (M) hectares (ha)**
- 15.6M ha

**Growth 2020/2021**
- 5.2%

**Organic share of total farmland**
- 9.6%

**Farmland in million hectares**
- **Top 3 countries**
  - France: 2.8M
  - Spain: 2.6M
  - Italy: 2.2M

**Number of producers**
- **Top 3 countries**
  - Italy: 75'874
  - France: 58'413
  - Spain: 52'961

**Market in billion euros**
- **Top 3 countries**
  - Germany: 15.9
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**Market growth in percent**
- **Top 3 countries**
  - Estonia: 21.0
  - Luxembourg: 15.3
  - Austria: 5.8

Source: FiBL survey © 2023
EUROPE: ORGANIC FARMLAND 2021

More than half of Europe’s organic agricultural land (17.8 million (M) hectares) was in four countries.

The countries with the largest organic agricultural area were France, Spain and Italy.

15 countries had 10% or more of their agricultural land under organic management.

In 2021, nearly 0.75 million hectares more were reported compared with 2020.

Distribution of organic agricultural land by country 2021.

The 5 countries with the largest areas of organic agricultural land 2021.

Top 5 countries with an organic share of more than 10% of total agricultural land 2021.


**EUROPE: ORGANIC RETAIL SALES 2021**

- **Europe**: 54.5bn€
- **Germany**: 15.9bn€
- **Switzerland**: 425€ spent per person in 2021
- **13.0%** of the food market in Denmark is organic

By region, Europe had the lead with 54.5 billion (bn) €, followed by North America (53.9 billion €) and Asia (13.7 billion €).

The European countries with the largest markets for organic food were Germany (15.9 billion €), France (12.7 billion €), Italy (3.9 billion €) and Switzerland (3.7 billion €).

Switzerland had the highest per capita consumption worldwide, followed by Denmark, Luxembourg, Austria and Sweden.

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

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**Distribution of retail sales by region 2021**

**The 3 countries with the largest markets for organic food in 2021**

**Top 3 countries with the highest per capita consumption 2021**

**The 3 countries with the highest organic shares if the total market in 2021**

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  www.organic-world.net; statistics.fibl.org


- Available at www.organic-world.net/yearbook/yearbook-2023
FiBL online

www.fibl.org

www.bioaktuell.ch

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@FiBLaktuell

linkedin.com/company/fibl
Global overview
on policies and regulations 2022
IFOAM - Organics International
Outline

- **Overview** of policies and regulations 2022
- **Policies** fostering agroecology and organic agriculture
- **Revision of regulations**
Overview of policies and regulations 2021

A growing number of governments worldwide support the development of AE policies.

Significant changes of regulations happened in the European Union, North America and the Pacific region.

- **74 countries** have a fully implemented regulation on OA in 2021.
- **21 countries** have organic regulations not fully implemented.
- **15 countries** are drafting regulations.
Policies fostering agroecology and organic agriculture
Policies
fostering agroecology and organic agriculture

Argentina
Creation of the National Directorate of Agroecology of Argentina, to consolidate the gradual and integral development of public policies for the diffusion of agroecology nationwide.

Saudi Arabia
The implementation of the Organic Agriculture Policy Executive Action Plan showed remarkable development of the organic sector.
Policies fostering agroecology and organic agriculture

Mexico

A transformation of food systems was undertaken inter-institutionally to favour food security and food sovereignty policies, including support to farmers in the transition of agroecology.

Ghana

The Food and Agriculture Sector Development Policy II embrace the advancement in organic agriculture growth, by promoting increased used of organic fertilizers.
Policies fostering agroecology and organic agriculture

**Tanzania**

The **National Strategy for Ecological Organic Agriculture 2022-2030** is currently being developed, with the aim to improve the agricultural sectors by protecting soil and water, promoting biodiversity and respecting the environment.

**India**

Natural farming, promoted through the **Traditional Agriculture Development Programme**, has expanded in several states in India. The federal government is planning to make funds available for all Indian states to promote both organic and natural farming for sustainable agriculture and food production in India.
Revision of regulations

Countries and regions going through significant revisions include:

01 European Union
02 Pacific region
03 USA
Revision of regulations and equivalence

Regions going through significant revisions of regulations include:

- **European Union**
  - Standard for organic salt is on its way
  - Standard for organic insects is also under the development
  - Provision of certificates in Traces

- **Pacific region**
  - Pacific Organic Standard (POS) Guidebook has been launched
  - New Zealand’s Organic Products Bill was read in the House

- **USA**
  - Origin of Livestock (OOL) final rule for organic dairy has been published
Thank you!

Are You Interested in Becoming a Member?

Visit our booth
Hall 3A - 517