

Agricultural statistics

EUROSTAT GUIDE TO
EUROPEAN AGRICULTURAL STATISTICS

2017 edition



COMPACT
GUIDES

eurostat 

Trusted agricultural statistics. Informed Europeans. Better decisions.

Eurostat is the statistical office of the European Union, providing statistics at the European level that enable comparisons between countries and regions.

Eurostat's mission is to provide high-quality statistics for Europe:

- that decision-makers need in order to design initiatives to meet priorities and to evaluate existing initiatives.
- that the media need in order to report on developments and on priorities.
- that citizens need in order to judge the success of these initiatives.

The Common Agricultural Policy (CAP) is the umbrella partnership between Europe, its farmers and society. The CAP concerns our food, our countryside and the people who live there, and the environment. Agriculture depends on natural resources and therefore the state of the environment. The climate both affects and is affected by agriculture. Therefore, agricultural statistics will continue to be produced and developed for the specific needs of the CAP, as well as for policies on the environment, on food and health, and on the climate.

In this leaflet, the data that Eurostat makes available in the priority area of agriculture are described. Key types of data are highlighted with a link to their policy relevance. Dissemination products are outlined and links to rich, additional analyses on the Eurostat website are given.

Eurostat works as part of the European Statistical System (ESS), a partnership between Eurostat and the national statistical authorities responsible in each Member State. Eurostat is responsible for the development, production and dissemination of European statistics.

For more information:

Agricultural statistics in Eurostat:
<http://ec.europa.eu/eurostat/web/agriculture/overview>

The Common Agricultural Policy:
https://ec.europa.eu/agriculture/cap-overview_en

The Directorate-General for Environment:
<http://ec.europa.eu/environment/agriculture/index.htm>

The Directorate-General for Health and Food Safety:
http://ec.europa.eu/dgs/health_food-safety/index_en.htm

The Directorate-General for Climate Action:
https://ec.europa.eu/clima/about-us/mission_en

To meet your needs for reliable agricultural statistics, we provide data on:

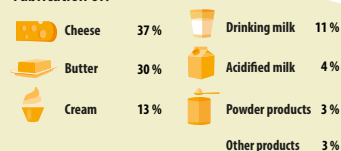
- **Farms:** Data can be analysed on a country basis and by region, in terms of numbers of farms and of types of farm. Note that structural data are collected on a bi- / triennial basis; 2016 figures will be available in 2018.
- **Agricultural labour force:** having a clear picture of farmers and the labour force is important for the CAP. The labour force can be assessed in terms of its age, family, non-family make-up, and its seasonal nature, all according to farm type.
- **Agricultural production:** statistics on agricultural products may be used to analyse developments within agricultural markets in order to help distinguish between cycles and changing production patterns. They can also be used to study how markets respond to policy actions, which is also of interest to agricultural commodity traders and policy analysts.

DID YOU KNOW THAT?

- There were about 10.8 million farms in the EU in 2013, about one third of these being in Romania. However, the number of farms declined by about one quarter between 2005 and 2013, an average rate of decline of 3.7 % per annum.
- About 22.2 million persons provided some work on EU farms in 2013. However, many of these people worked part-time. The amount of work done was equivalent to 9.5 million full-time workers.

What is the milk in the EU used for?

Fabrication of:



Milk refers to whole milk which is processed (97.1 % of the available milk). What remains (2.9 %) is non-processed milk, which is delivered to the national non-dairy industry (agri-food, animal feed industries etc.), returned to farms or lost.

Data from 2016.

Further information: <http://europa.eu/!Pt83ND>

To meet your needs for reliable agricultural statistics, we provide data on:

- **Agricultural incomes:** the Economic Accounts for Agriculture provide detailed information on income in the agricultural sector. The main purpose is to analyse the production process of the agricultural industry and the primary income generated by this production.
- **Agricultural prices:** agricultural price indices provide information on trends in producer prices of agricultural products and in the purchase prices of the means of agricultural production. They enable comparisons of trends, both between the various Member States and the European Union as a whole and between the different products within a Member State or the European Union. Separately, data on absolute agricultural prices are also available.

DID YOU KNOW THAT?

- Between 2007 and 2016, the income of the agricultural sector - as measured by the index of the real income of factors in agriculture per full-time unit of labour — increased by one fifth (20.1 %) on average across the EU-28.
- The total output of the agricultural industry in the EU was valued at an estimated EUR 405 billion in basic prices for 2016. Of this total, the value of crop output was an estimated EUR 210 billion and that of animal output EUR 159 billion.

Main components of the agricultural industry, EU-28, 2015-16

	2016 (million EUR)	Change 2015-16 (%)	Share in output value of agricultural industry, 2016 (%)
Output of agricultural industry	405 008	-2.8	100.0
Crop output	210 282	-2.5	51.9
Animal output	158 873	-3.3	39.2
Agricultural services	20 104	-1.0	5.0
Secondary activities	15 750	-3.8	3.9
- Intermediate consumption	239 355	-3.4	59.1
= Gross value added	165 654	-2.0	40.9
- Consumption of fixed capital	60 803	-0.6	-
- Taxes on production	4 877	-12.9	-
+ Subsidies on production	52 628	4.3	-
= Factor income	152 603	-0.1	-

Note: production value at basic prices.

Source: Eurostat (online data code: aact_eaa01)

To meet your needs for reliable agricultural statistics, we provide data on:

- **Agricultural sectors:** data are available for all types of agricultural sector, such as specialist livestock and cereal sectors, orchards and vineyards.



- **Livestock population and meat:** these statistics meet the needs for shorter-term analyses and forecasts of milk and meat market developments.

DID YOU KNOW THAT?

- There were 89 million head of cattle on EU farms in 2016, along with 147 million pigs and an estimated 87 million sheep.
- France (18.7 %) and Germany (14.7 %) together accounted for one third of beef production in the EU in 2016.



To meet your needs for reliable agricultural statistics, we provide data on:

• Agriculture and the environment:

Eurostat provides sectoral data on:

- mineral fertiliser consumption
- the sales of pesticides
- irrigation
- energy use
- cropping patterns
- livestock patterns
- tillage practices
- manure storage
- specialisation
- the gross nitrogen balance
- the risk of pollution by phosphorus

and publishes all this and more as indicator fact sheets on its website

For more information:

<http://ec.europa.eu/eurostat/web/agri-environmental-indicators>

- **Organic farming:** this is a way of production that places the highest emphasis on environmental and wildlife protection and, with regard to livestock production, on animal welfare considerations. Organic production comes from fully converted areas. The area under conversion as a percentage of the total organic area can give an indication of the potential growth in the organic sector in the years to come.

For more information:

http://ec.europa.eu/eurostat/statistics-explained/index.php/Organic_farming_statistics

DID YOU KNOW THAT?

- The total organic area in the EU was 11.9 million hectares in 2016. The increase in organic area between 2012 and 2016 was 18.7 %. The total organic area represented 6.7 % of the total utilised agricultural area of the EU in 2016.
- The total volume of nitrogen fertiliser used in the EU was 11.4 million tonnes of nitrogen in 2015. This corresponded to 64 kg per hectare of utilised agricultural area, a higher average than the 58 kg recorded for 2006.

Dissemination products

Database and main tables

All data on agricultural statistics can be viewed from multi-dimensional databases using Data Explorer. This tool allows users to select across all dimensions of a table (e.g. geography, time, unit of measure). A pre-selection of main tables is also provided.

<http://ec.europa.eu/eurostat/web/agriculture/data/database>

<http://ec.europa.eu/eurostat/web/agriculture/data/main-tables>

The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with 'eurostat' and 'Your key to European statistics'. Below this, there are tabs for 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. The main content area is titled 'European Commission > Eurostat > Agriculture > Data > Main tables'. It features a sidebar with 'AGRICULTURE' and 'MAIN TABLES' sections. The 'MAIN TABLES' section lists several tables: 'Agriculture (t_agri)', 'Farm structure (t_eff)', 'Economic Accounts for Agriculture (t_eakt)', 'Agricultural prices and price indices (t_apri)', 'Agricultural production (t_apro)', and 'Organic farming (t_organ)'. At the bottom, there are links for 'News', 'Data', 'Publications', 'About us', and 'Opportunities'.

Statistics Explained

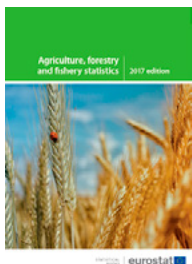
Statistics Explained is an official Eurostat website presenting articles on statistical topics in an easy and understandable way.

http://ec.europa.eu/eurostat/statistics-explained/index.php/Main_Page

The screenshot shows the 'Statistics Explained' website. It features a search bar at the top right and a navigation bar with 'eurostat' and 'Statistics Explained'. Below the navigation bar, there is a 'WELCOME TO STATISTICS EXPLAINED' section. To the right, there is a 'Did you know that...' section with a quote about internet access in EU households. Below this, there is a 'LOOKING FOR AN ARTICLE ON A SPECIFIC THEME' section with a grid of icons representing various topics: 'General and regional statistics/EU regions', 'Economy and finance', 'Population and social conditions', 'Industry and services', 'Agriculture, forestry and fisheries', 'International trade', 'Transport', 'Environment and energy', and 'Science, technology and digital society'. At the bottom, there is a 'NEW UPDATED ARTICLES' section featuring an article titled 'SDG 11 - Sustainable cities and communities'.

Statistical book

The objective of the annual publication on 'Agriculture, forestry and fishery statistics' is to provide an overview of the most relevant indicators. It presents the latest data for the European Union (EU), for the EU Member States, as well as for acceding, candidate and EFTA countries (when available).



PDF: KS-06-17-250-EN-N
Print: KS-06-17-250-EN-C

<http://ec.europa.eu/eurostat/product?code=KS-FK-17-001>

User support

Eurostat and the other members of the European Statistical System have set up a system of multi-lingual user support, which can be reached via the 'Help' tab on Eurostat's home page:

ec.europa.eu/eurostat/help/support

Media and institutional support

The Eurostat Press Office is especially dedicated to journalists, publishing news releases on a range of data covering the EU, the euro area, the Member States and their partners.

To obtain press releases on the day of publication and the calendar:

Tel: (+352) 4301 33408

Eurostat-pressoffice@ec.europa.eu

To request data or ask questions on Eurostat statistics:

Tel: (+352) 4301 33408

eurostat-mediasupport@ec.europa.eu

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 twitter.com/EU_Eurostat

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