

# Austria - Farm Structure Survey 2020

**Directorate of Spatial Statistics, Statistics Austria (Direktion Raumwirtschaft, Statistik Austria), Agriculture and Forestry Statistics (Land- und Forstwirtschaft Statistiken)**

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## Identification

### SURVEY ID NUMBER

AUT\_2020\_AG\_v01\_M\_v01\_A\_ESS

### TITLE

Farm Structure Survey 2020

### ABBREVIATION OR ACRONYM

AG 2020

### TRANSLATED TITLE

Agrarstrukturerhebung 2020

### COUNTRY

Name	Country code
Austria	AUT

### STUDY TYPE

Agricultural Census [ag/census]

### SERIES INFORMATION

Austria conducted its first census of agricultural and forestry holdings in 1902. Subsequent agricultural censuses were held in 1930 and 1950, and every ten years from 1960 to 1990. The last three Agricultural Censuses took place in 1999/2000, 2010 and 2020.

### ABSTRACT

The Agricultural Census 2020, officially named Farm Structure Survey (AG, Agrarstrukturerhebung), collects data on the structure of agricultural and forestry holdings, including information on the size, the legal status of the holding, occupation type, type of tenure and participation in rural development measures. The subject of the statistics was the farm structure of agricultural and forestry holdings in 2020 with the topics: tenure, land use, livestock, organic farming, labor force and secondary activities, use of support measures for rural development, animal housing and manure management, reliability of energy supply, and other farm-specific information. The AG data are used in many areas of agricultural statistics and form an indispensable basis for appropriate agricultural policy decisions at national and international level.

### KIND OF DATA

Census/enumeration data [cen]

### UNIT OF ANALYSIS

Agricultural holdings

## Scope

### NOTES

The census scope covered agricultural (crop and animal production) activities.

The questionnaire aimed to collect information on several areas:

1. Cultivation on Arable Land: cereals, maize, protein crops, etc.
2. Land Use: land use, type of tenure, horticultural and vegetable cultivation, organic, and irrigation
3. Livestock, Poultry, and Apiculture, etc. and Animal Housing
4. Nutrient Use (e.g. fertilizer management) and Manure Management
5. Other Gainful Activities: aquaculture, tourism, forestry etc.
6. Labor Force: both family and non-family

### KEYWORDS

Keyword
Structure of Agriculture

Land use
Crops
Livestock and Poultry

## Coverage

### GEOGRAPHIC COVERAGE

The AG 2020 covered the entire country.

### UNIVERSE

The AG 2020 considered the following thresholds for agricultural holdings:

- 3 ha of utilized agricultural area (UAA) or permanent pastures
- 1.5 ha of arable land
- 0.5 ha of potatoes (including seed potatoes)
- 0.1 ha of fresh vegetables (including melons) and strawberries, aromatic, medicinal and culinary plants - outdoor, flowers and ornamental plants, seeds and seedlings, nurseries, or vineyards
- 0.3 ha of fruits, berries and nuts (excluding citrus fruits, grapes and strawberries) - outdoor and other permanent crops including other permanent crops for human consumption
- 0.01 ha of UAA under glass or high accessible cover, or cultivated mushrooms
- 3 ha of forest land
- 1.7 livestock units

The animal housing and manure management module covered agricultural holdings with at least one cattle, pig, sheep, goat, or poultry.

The statistical unit was the agricultural holding, defined as a single unit, both technically and economically, that has a single management and that undertakes economic activities in agriculture in accordance with Regulation (EC) No 1893/2006 belonging to groups A.01.1, A.01.2, A.01.3, A.01.4, A.01.5 or to the "maintenance of agricultural land in good agricultural and environmental condition" of group A.01.6 within the economic territory of the Union, either as its primary or secondary activity, as it is stated in the Regulation (EU) No. 2018/1091 of the European Parliament and of the Council on integrated agricultural statistics. Regarding activities of class A.01.49, only the activities "Raising and breeding of semi-domesticated or other live animals" (except for raising of insects) and "Bee-keeping and production of honey and beeswax" were included.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
Directorate of Spatial Statistics, Statistics Austria (Direktion Raumwirtschaft, Statistik Austria), Agriculture and Forestry Statistics (Land- und Forstwirtschaft Statistiken)

## Sampling

### SAMPLING PROCEDURE

The AG 2020 was conducted on a complete enumeration basis. It comprised a core module and three thematic modules on labor force and other gainful activities, rural development, animal housing, and manure management. All census data related to the thematic module on rural development were collected directly from administrative registers, which were also used partially for the core module, and the frame extension of this module.

The AG 2020 used the statistical farm register, a multiple frame continuously updated by using various types of administrative data (applications for subsidies, social insurance information etc.). The completeness of frame is ensured as newly created holdings usually submit subsidy applications and their administrative data are used for inclusion in the statistical farm register. Wrongly classified units are discarded due to the routine maintenance of the register with checks against those administrative data.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2020-04	2021-01

### DATA COLLECTION MODE

Computer Assisted Web Interview [cawi] Computer Assisted Telephone Interview [cati] Computer Assisted Personal Interview [capi]

### DATA COLLECTION NOTES

The staff involved in the different phases of the census operation comprised approximately of 50 staff members in different units at Statistics Austria. The data collection phase of the AG 2020 was implemented with the support of the 68 chambers of agriculture.

CAWI, CAPI and CATI were used for field data collection. Census data were collected directly from administrative registers to reduce the response burden. The farmers were able to submit their return either directly at their computer (CAWI, 53 percent), at their competent chamber of agriculture (CAPI, 29 percent) or during a personal interview by telephone with staff of Statistics Austria (CATI, 18 percent). The following administrative registers were used to collect data: Integrated Administration and Control System (IACS), bovine register, the Consumer Health Information System (VIS, Verbrauchergesundheitsinformationssystem), Social Insurance for the Self-Employed (SVS, Sozialversicherung der Selbständigen), and rural development measures.

### \*\*QUALITY ASSURANCE\*\*

A commitment to quality of Statistics Austria is available at <https://www.statistik.at/en/about-us/responsibilities-and-principles/standards/statistics-austrias-quality-guidelines>, and it is implemented by the quality management department. Quality was also assured and assessed by training courses, quality guidelines, designation of a quality manager, quality unit and/or senior level committee, peer review, and external review, or audit. Some actions were carried out to minimize measurement errors: pre-testing of the questionnaire, pre-filled questions, explanatory notes or handbooks for enumerators or respondents online FAQ or hot-line support for enumerators or respondents, and training of enumerators. A dedicated free hotline was set up by Statistics Austria to answer any questions that arose during the survey phase. In addition, queries could be sent by e-mail to [Agrarstrukturhebung@statistik.gv.at](mailto:Agrarstrukturhebung@statistik.gv.at). Non-response was minimized through follow-up interviews, sending reminders to respondents, legal actions, and imputation.

## Questionnaires

### QUESTIONNAIRES

One questionnaire was used in the AG 2020. The questionnaire covered 20 out of 23 essential items recommended in the WCA 2020. Data for three essential items were collected partly from administrative sources.

## Data Processing

### DATA EDITING

Staff from the central department carried out data validation. The data sets were checked for missing, incorrect, or implausible information, using an extensive plausibility application developed in cooperation with the IT Department, that detected and either highlighted or immediately corrected missing, incorrect and implausible entries. For each holding, all errors and information errors were listed and categorized. The errors detected (incorrect entries, missing or implausible data) were investigated and rectified by the processing team. Errors were eliminated and plausibility checks were carried out repeatedly directly via the application. The staff themselves corrected logical obvious errors. Missing or incorrect entries were completed from other data sources: administrative data from the IACS, or the Austrian agri-environmental program (ÖPUL, Österreichischen Programm zur Förderung einer umweltgerechten, extensiven und den natürlichen Lebensraum schützenden Landwirtschaft), the VIS, the SVS, the forestry yearbook, the Farm Structure Surveys (AG, Agrarstrukturhebung) of 2010, 2013, or 2016. Where this did not provide clarity, individual holdings were contacted by telephone.

### \*\*DATA PROCESSING NOTES\*\*

CAWI, CAPI and CATI methods ensured direct data capture. Data collected and administrative data were merged via the unique farm number/identifier.

## Access policy

### CONTACTS

Name	Affiliation	Email	URL
Agriculture and Forestry Statistics (Land- und Forstwirtschaft Statistiken)	Directorate of Spatial Statistics, Statistics Austria (Direktion Raumwirtschaft, Statistik Austria)	info@statistik.gv.at	www.statistik.at

### ACCESS CONDITIONS

Data are offered in a database STATcube at [www.statcube.com](http://www.statcube.com). A subscription provides access to more detailed data (LAU2 level) and additional features not available with the free guest access, which can be used to access data at the NUTS2 level. Anonymized microdata is not available, but task-specific datasets can be compiled if certain conditions are met.

Access conditions can be found at: <https://www.statistik.at/en/databases/statcube-statistical-database/legal-points#c14898>

## Metadata production

### DDI DOCUMENT ID

DDI\_AUT\_2020\_AG\_v01\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

Name	Affiliation	Role	Abbreviation
Agriculture and Forestry Statistics (Land- und Forstwirtschaft Statistiken)	Directorate of Spatial Statistics, Statistics Austria (Direktion Raumwirtschaft, Statistik Austria)	Metadata producer	
Statistics Division	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM	ESS

**Data Dictionary**

Data file	Cases	Variables
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