



# Kentucky

## Agriculture and Natural Resources Data

Data provided in this issue of Kentucky: By The Numbers were **compiled to correspond to the issues** covered in the **Agriculture and Natural Resources** section of the University of Kentucky

### Cooperative Extension Statewide Community Needs Assessment

<https://extension.ca.uky.edu/community-assessment-0>

The statewide needs assessment was conducted to identify and prioritize community needs, issues, and/or opportunities that Extension could address through targeted educational programming and engagement efforts. The survey was divided into 4 sections: 1) **Agriculture and Natural Resources**, 2) Youth Development, 3) Family and Individual Development, and 4) Community and Economic Development.

These data have been compiled to assist in using the survey results for local planning. Data from nearly 40 different sources were selected and links to each data source are provided at the end. Secondary data for the other survey sections are available at <https://kybtn.ca.uky.edu/>. To learn more about Cooperative Extension at the University of Kentucky go to: <http://extension.ca.uky.edu/>.

*For questions about the assessment or the survey results, contact: Dr. Lola Adedokun (lola.adedokun@uky.edu)  
For additional data or data-related assistance, contact: Dr. Julie N. Zimmerman (jzimm@uky.edu)*

## Agriculture and Natural Resources Survey Section

State Results, University of Kentucky Cooperative Extension Statewide Community Needs Assessment

In your opinion, to what extent is practical education/assistance in each of the following topics a need in your community?  
1 = Not a need, 2 = Low need, 3 = Moderate need, 4 = Very high need, 5 = Very high need



**Farms**

Farms and Farming <sup>1</sup> (2022)	
	State
Total Number of Farms	69,425
Total Number of Acres in Farms	12,431,190
Percent of Land in Farms	49.2%
Average Farm Size (acres)	179

Number of Farms by Size <sup>2</sup> (2022)	
	State
1 to 9 acres	4,799
10 to 49 acres	24,349
50 to 179 acres	25,769
180 to 499 acres	9,882
500 to 999 acres	2,530
1,000 acres or more	2,096

Farm Tenure <sup>3</sup> (2022)	
	State
Full Owners	55,671
Part Owners	11,506
Tenants	2,248

Selected Characteristics <sup>2</sup> (2022)	
	State
Market Value of Agricultural Products Sold, Average per Farm	\$115,315
Farm Production Expenses, Average Per Farm	\$87,941

Ownership <sup>3</sup> (2022)	
	State
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	67,170
<b>Legal Status for Tax Purposes</b>	
Number of Farms Operated by Family or an Individual	63,204
Acres in Farms Operated by Family or an Individual	9,358,085

\* = data undisclosed

**Producers**

All Producers <sup>3</sup> (2022)	
	State
Farms with 1 Producer	29,814
Farms with 2 Producers	32,469
Farms with 3 Producers	4,188
Farms with 4 Producers	2,128
Farms with 5 or more Producers	826

Gender <sup>3</sup> (2022)	
	State
Total Number of All Producers	121,007
Number of All Producers who are Male	78,099
Percent Male	64.5%
Number of All Producers who are Female	42,908
Percent Female	35.5%

Primary Occupation and Years on Farm <sup>3</sup> (2022)	
	State
<i>(Data only collected for up to 4 producers per farm)</i>	
Number of Producers for whom Farming is their Primary Occupation	43,697
Percent of Producers for whom Farming is their Primary Occupation	36.7%
Number of Producers for whom something Other than Farming is their Primary Occupation	75,435
Average Years on Present Farm	20.7
Average Years on Any Farm	23.2

**Producers** *(continued)*

Age <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	State
Under 25 years old	2,367
25-34 years	9,274
35-44 years	15,551
45-54 years	19,912
55-64 years	30,292
65-74 years	27,042
75 years and over	14,694
Average Age	57.1

Race and Ethnicity <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	State
Producers by Race...	
... American Indian or Alaska Native	287
... Asian	170
... Black or African American	493
... Native Hawaiian or Other Pacific Islander	48
... White	117,429
... More than one race reported	705
Hispanic, Latino, or Spanish origin	934

**Internet Access**

Farm Internet Access <sup>3</sup> (2022)	
	State
Farms with Internet Access	52,449
Type of Access...	
... Broadband	31,365
... Dial-up	1,310
... Cellular Data Plan	34,307
... Satellite	7,083

Household Internet and Computer Access <sup>4</sup> (2018-2022)	
	State
Households with <u>no</u> Computer	147,868 (+/- 2,401)
Percent of Households with no Computer	8.4% (+/- 0.1%)
Households <u>without</u> an Internet Subscription	3,497 (+/- 3,497)
Percent of Households without an Internet Subscription	14.2% (+/- 0.2%)

**Farm Income**

Market Value <sup>2</sup> (2022)	
	State
Market Value of Agricultural Products Sold	\$8,005,745,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$3,791,358,000
Market Value of Livestock, Poultry, and their Products	\$4,214,388,000

Food Marketing and Tourism <sup>5&amp;6</sup> (2022)	
	State
Number of Farms Marketing Food Directly to Consumers	2,944
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	1,480
Number of Farms with Processed or Value-Added Agricultural Products Sold	996
Number of Farms with Income from Agri-Tourism and Recreational Services	711

**Related Local Businesses**

Selected Businesses <sup>7</sup> (2021)	
	State
Agriculture, Forestry, Fishing and Hunting Establishments	246
Mining, Quarrying, and Oil and Gas Extraction Establishments	310
Restaurants and other Eating Places	6,674
Food and Beverage Stores	1,775
Arts, Entertainment, and Recreation Establishments	1,297
Accommodation and Food Services Establishments	8,386

**Climate and Disasters**

Expected Annual Loss <sup>8</sup> (2021-2022)	
	State
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$796,764,486
Agriculture Value	\$17,819,139
Building Value	\$397,827,881

Emergency and Disaster Declarations <sup>9</sup> Since 2012 (2012-2022)	
	State
<b>Total Number</b> of Emergency and Major Disaster Declarations in last 10 years	527
<b>Most Common</b> Emergency and Major Disaster Incident in last 10 years	Flood

**Data Sources**

- Table 8. 2022 Census of Agriculture. USDA. URL for all Census of Agriculture tables: [https://www.nass.usda.gov/Publications/AgCensus/2022/Full\\_Report/Volume\\_1\\_Chapter\\_2\\_County\\_Level/Kentucky/](https://www.nass.usda.gov/Publications/AgCensus/2022/Full_Report/Volume_1_Chapter_2_County_Level/Kentucky/)
- Table 1. 2022 Census of Agriculture. USDA.
- Table 45. 2022 Census of Agriculture. USDA.
- Table S2801, 2022 American Community Survey 5-year Estimates, U.S. Census Bureau. [https://data.census.gov/table?t=Telephone,%20Computer,%20and%20Internet%20Access&g=040XX00US21,21\\$0500000&d=ACS%205-Year%20Estimates%20Subject%20Tables](https://data.census.gov/table?t=Telephone,%20Computer,%20and%20Internet%20Access&g=040XX00US21,21$0500000&d=ACS%205-Year%20Estimates%20Subject%20Tables)
- Table 2. 2022 Census of Agriculture. USDA.
- Table 6. 2022 Census of Agriculture. USDA.
- 2021 County Business Patterns, U.S. Census Bureau. [https://data.census.gov/table/CBP2021.CB2100CBP?g=040XX00US21,21\\$0500000&y=2021&d=ECNSVY%20Business%20Patterns%20County%20Business%20Patterns&n=11:21:445:71:72:7225&nkd=EMPSZES~001,LFO~001](https://data.census.gov/table/CBP2021.CB2100CBP?g=040XX00US21,21$0500000&y=2021&d=ECNSVY%20Business%20Patterns%20County%20Business%20Patterns&n=11:21:445:71:72:7225&nkd=EMPSZES~001,LFO~001)
- FEMA National Risk Index, Federal Emergency Management Agency. Dataset Version 1.19.0. March 23, 2023. <https://hazards.fema.gov/nri/>
- FEMA Disaster Declarations for States and Counties, Federal Emergency Management Agency <https://www.fema.gov/data-visualization/disaster-declarations-states-and-counties>

**Margins of Error**

For counties with small populations and small population groups, the **margins of error** (indicated by a +/- \_\_\_) or confidence intervals (indicated by a range) can be quite large.

The margin of error or confidence interval tells us how precise the estimate is by indicating the **range within which the estimate most likely falls**.

For help in understanding the margin of error, see the brief Kentucky: By The Numbers publication **“And Now for the Grain of Salt.”**

Additional data are available at: Kentucky: By The Numbers (<http://www2.ca.uky.edu/snarl/Index.htm>)

