



# Jessamine County

## 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)	
	County
Total Number of Farms	619
Total Number of Acres in Farms	71,771
Percent of Land in Farms	65.1%
Average Farm Size (acres)	116

Number of Farms by Size <sup>2</sup> (2022)	
	County
1 to 9 acres	99
10 to 49 acres	257
50 to 179 acres	165
180 to 499 acres	73
500 to 999 acres	17
1,000 acres or more	8

Farm Tenure <sup>3</sup> (2022)	
	County
Full Owners	489
Part Owners	79
Tenants	51

Selected Characteristics <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$125,399
Farm Production Expenses, Average Per Farm	\$78,512

Ownership <sup>3</sup> (2022)	
	County
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	577
<b>Legal Status for Tax Purposes</b>	
Number of Farms Operated by Family or an Individual	492
Acres in Farms Operated by Family or an Individual	54,761

\* = data undisclosed

**Producers**

All Producers <sup>3</sup> (2022)	
	County
Farms with 1 Producer	258
Farms with 2 Producers	263
Farms with 3 Producers	67
Farms with 4 Producers	23
Farms with 5 or more Producers	8

Gender <sup>3</sup> (2022)	
	County
Total Number of All Producers	1,123
Number of All Producers who are Male	756
Percent Male	67.3%
Number of All Producers who are Female	367
Percent Female	32.7%

Primary Occupation and Years on Farm <sup>3</sup> (2022)	
	County
<i>(Data only collected for up to 4 producers per farm)</i>	
Number of Producers for whom Farming is their Primary Occupation	355
Percent of Producers for whom Farming is their Primary Occupation	32.0%
Number of Producers for whom something Other than Farming is their Primary Occupation	754
Average Years on Present Farm	19.1
Average Years on Any Farm	22.6

**Producers** *(continued)*

Age <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	20
25-34 years	70
35-44 years	122
45-54 years	197
55-64 years	322
65-74 years	227
75 years and over	151
Average Age	58.2

Race and Ethnicity <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Producers by Race...	
... American Indian or Alaska Native	3
... Asian	1
... Black or African American	4
... Native Hawaiian or Other Pacific Islander	0
... White	1,097
... More than one race reported	4
Hispanic, Latino, or Spanish origin	9

**Internet Access**

Farm Internet Access <sup>3</sup> (2022)	
	County
Farms with Internet Access	538
Type of Access...	
... Broadband	335
... Dial-up	26
... Cellular Data Plan	337
... Satellite	44

Household Internet and Computer Access <sup>4</sup> (2018-2022)	
	County
Households with <u>no</u> Computer	1,313 (+/- 323)
Percent of Households with no Computer	6.8% (+/- 1.7%)
Households <u>without</u> an Internet Subscription	439 (+/- 439)
Percent of Households without an Internet Subscription	11.0% (+/- 2.2%)

**Farm Income**

Market Value <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold	\$77,622,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$11,518,000
Market Value of Livestock, Poultry, and their Products	\$66,103,000

Food Marketing and Tourism <sup>5&amp;6</sup> (2022)	
	County
Number of Farms Marketing Food Directly to Consumers	45
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	14
Number of Farms with Processed or Value-Added Agricultural Products Sold	10
Number of Farms with Income from Agri-Tourism and Recreational Services	9

Related Local Businesses

	County
Agriculture, Forestry, Fishing and Hunting Establishments	6
Mining, Quarrying, and Oil and Gas Extraction Establishments	3
Restaurants and other Eating Places	78
Food and Beverage Stores	14
Arts, Entertainment, and Recreation Establishments	18
Accommodation and Food Services Establishments	90

Climate and Disasters

	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$6,844,054
Agriculture Value	\$143,816
Building Value	\$2,098,883

	County
<b>Total Number</b> of Emergency and Major Disaster Declarations in last 10 years	2
<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%20Pattern&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%20Pattern&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>)

