



# Logan 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/>.

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## 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	1,017
Total Number of Acres in Farms	266,727
Percent of Land in Farms	75.5%
Average Farm Size (acres)	262

Number of Farms by Size <sup>2</sup> (2022)	
	County
1 to 9 acres	74
10 to 49 acres	328
50 to 179 acres	370
180 to 499 acres	162
500 to 999 acres	31
1,000 acres or more	52

Farm Tenure <sup>3</sup> (2022)	
	County
Full Owners	825
Part Owners	159
Tenants	33

Selected Characteristics <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$221,319
Farm Production Expenses, Average Per Farm	\$166,494

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	992
<b>Legal Status for Tax Purposes</b>	
Number of Farms Operated by Family or an Individual	943
Acres in Farms Operated by Family or an Individual	171,709

\* = data undisclosed

**Producers**

All Producers <sup>3</sup> (2022)	
	County
Farms with 1 Producer	514
Farms with 2 Producers	424
Farms with 3 Producers	53
Farms with 4 Producers	23
Farms with 5 or more Producers	3

Gender <sup>3</sup> (2022)	
	County
Total Number of All Producers	1,631
Number of All Producers who are Male	1,103
Percent Male	67.6%
Number of All Producers who are Female	528
Percent Female	32.4%

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	580
Percent of Producers for whom Farming is their Primary Occupation	35.7%
Number of Producers for whom something Other than Farming is their Primary Occupation	1,045
Average Years on Present Farm	22.6
Average Years on Any Farm	25.0

**Producers** *(continued)*

Age <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	18
25-34 years	82
35-44 years	223
45-54 years	274
55-64 years	379
65-74 years	416
75 years and over	233
Average Age	59.0

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	7
... Asian	7
... Black or African American	8
... Native Hawaiian or Other Pacific Islander	0
... White	1,598
... More than one race reported	5
Hispanic, Latino, or Spanish origin	5

**Internet Access**

Farm Internet Access <sup>3</sup> (2022)	
	County
Farms with Internet Access	743
Type of Access...	
... Broadband	486
... Dial-up	18
... Cellular Data Plan	469
... Satellite	51

Household Internet and Computer Access <sup>4</sup> (2018-2022)	
	County
Households with <u>no</u> Computer	1,464 (+/- 288)
Percent of Households with no Computer	13.5% (+/- 2.6%)
Households <u>without</u> an Internet Subscription	318 (+/- 318)
Percent of Households without an Internet Subscription	18.0% (+/- 2.9%)

**Farm Income**

Market Value <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold	\$225,081,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$158,573,000
Market Value of Livestock, Poultry, and their Products	\$66,508,000

Food Marketing and Tourism <sup>5&amp;6</sup> (2022)	
	County
Number of Farms Marketing Food Directly to Consumers	22
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	2
Number of Farms with Income from Agri-Tourism and Recreational Services	1

Related Local Businesses

	County
Agriculture, Forestry, Fishing and Hunting Establishments	3
Mining, Quarrying, and Oil and Gas Extraction Establishments	n/a
Restaurants and other Eating Places	31
Food and Beverage Stores	13
Arts, Entertainment, and Recreation Establishments	n/a
Accommodation and Food Services Establishments	35

Climate and Disasters

	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$5,836,493
Agriculture Value	\$293,298
Building Value	\$2,436,277

	County
<b>Total Number</b> of Emergency and Major Disaster Declarations in last 10 years	1
<b>Most Common</b> Emergency and Major Disaster Incident in last 10 years	Tornado

Data Sources

1. 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/)
2. Table 1. 2022 Census of Agriculture. USDA.
3. Table 45. 2022 Census of Agriculture. USDA.
4. 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)
5. Table 2. 2022 Census of Agriculture. USDA.
6. Table 6. 2022 Census of Agriculture. USDA.
7. 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)
8. FEMA National Risk Index, Federal Emergency Management Agency. Dataset Version 1.19.0. March 23, 2023. <https://hazards.fema.gov/nri/>
9. 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>)

