



# Knox 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	293
Total Number of Acres in Farms	32,034
Percent of Land in Farms	13.0%
Average Farm Size (acres)	109

Number of Farms by Size <sup>2</sup> (2022)	
	County
1 to 9 acres	31
10 to 49 acres	73
50 to 179 acres	125
180 to 499 acres	62
500 to 999 acres	2
1,000 acres or more	0

Farm Tenure <sup>3</sup> (2022)	
	County
Full Owners	234
Part Owners	54
Tenants	5

Selected Characteristics <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$9,161
Farm Production Expenses, Average Per Farm	\$16,328

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	293
<b>Legal Status for Tax Purposes</b>	
Number of Farms Operated by Family or an Individual	290
Acres in Farms Operated by Family or an Individual	30,932

\* = data undisclosed

**Producers**

All Producers <sup>3</sup> (2022)	
	County
Farms with 1 Producer	128
Farms with 2 Producers	134
Farms with 3 Producers	26
Farms with 4 Producers	3
Farms with 5 or more Producers	2

Gender <sup>3</sup> (2022)	
	County
Total Number of All Producers	498
Number of All Producers who are Male	315
Percent Male	63.3%
Number of All Producers who are Female	183
Percent Female	36.7%

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	205
Percent of Producers for whom Farming is their Primary Occupation	41.5%
Number of Producers for whom something Other than Farming is their Primary Occupation	289
Average Years on Present Farm	19.7
Average Years on Any Farm	20.4

**Producers** *(continued)*

Age <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	23
25-34 years	31
35-44 years	55
45-54 years	85
55-64 years	106
65-74 years	127
75 years and over	67
Average Age	57.8

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	2
... Asian	3
... Black or African American	0
... Native Hawaiian or Other Pacific Islander	0
... White	485
... More than one race reported	4
Hispanic, Latino, or Spanish origin	0

**Internet Access**

Farm Internet Access <sup>3</sup> (2022)	
	County
Farms with Internet Access	225
Type of Access...	
... Broadband	165
... Dial-up	7
... Cellular Data Plan	133
... Satellite	19

Household Internet and Computer Access <sup>4</sup> (2018-2022)	
	County
Households with <u>no</u> Computer	1,535 (+/- 279)
Percent of Households with no Computer	13.7% (+/- 2.5%)
Households <u>without</u> an Internet Subscription	313 (+/- 313)
Percent of Households without an Internet Subscription	19.4% (+/- 2.8%)

**Farm Income**

Market Value <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold	\$2,684,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$1,625,000
Market Value of Livestock, Poultry, and their Products	\$1,059,000

Food Marketing and Tourism <sup>5&amp;6</sup> (2022)	
	County
Number of Farms Marketing Food Directly to Consumers	15
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	0
Number of Farms with Processed or Value-Added Agricultural Products Sold	3
Number of Farms with Income from Agri-Tourism and Recreational Services	0



Related Local Businesses

Selected Businesses <sup>7</sup> (2021)	
	County
Agriculture, Forestry, Fishing and Hunting Establishments	n/a
Mining, Quarrying, and Oil and Gas Extraction Establishments	3
Restaurants and other Eating Places	33
Food and Beverage Stores	15
Arts, Entertainment, and Recreation Establishments	n/a
Accommodation and Food Services Establishments	38

Climate and Disasters

Expected Annual Loss <sup>8</sup> (2021-2022)	
	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$4,084,747
Agriculture Value	\$20,829
Building Value	\$1,772,207

Emergency and Disaster Declarations <sup>9</sup> Since 2012 (2012-2022)	
	County
<b>Total Number</b> of Emergency and Major Disaster Declarations in last 10 years	7
<b>Most Common</b> Emergency and Major Disaster Incident in last 10 years	Flood

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%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)
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>)

