



Boone 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.

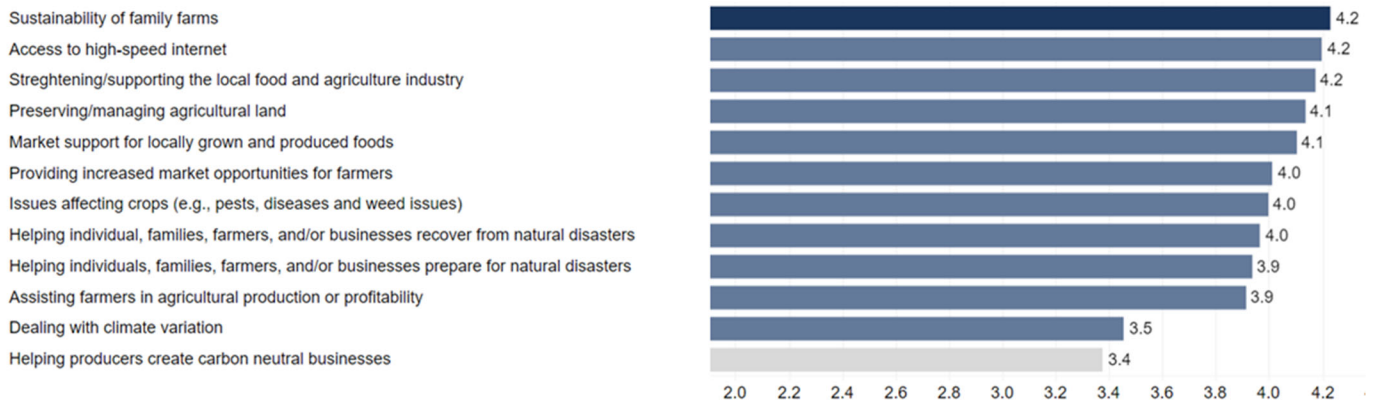
These data have been compiled to assist in using the survey results for local planning. Data from nearly 40 different sources were selected and links to each data source are provided at the end. Secondary data for the other survey sections are available at <https://kybtn.ca.uky.edu/>. To learn more about 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 ¹ (2022)	
	County
Total Number of Farms	727
Total Number of Acres in Farms	71,293
Percent of Land in Farms	45.2%
Average Farm Size (acres)	98

Number of Farms by Size ² (2022)	
	County
1 to 9 acres	79
10 to 49 acres	349
50 to 179 acres	214
180 to 499 acres	49
500 to 999 acres	25
1,000 acres or more	11

Farm Tenure ³ (2022)	
	County
Full Owners	655
Part Owners	60
Tenants	12

Selected Characteristics ² (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$20,346
Farm Production Expenses, Average Per Farm	\$32,964

Ownership³ (2022)

	County
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	697
Legal Status for Tax Purposes	
Number of Farms Operated by Family or an Individual	616
Acres in Farms Operated by Family or an Individual	40,550

* = data undisclosed

Producers

All Producers ³ (2022)	
	County
Farms with 1 Producer	257
Farms with 2 Producers	355
Farms with 3 Producers	66
Farms with 4 Producers	27
Farms with 5 or more Producers	22

Gender ³ (2022)	
	County
Total Number of All Producers	1,479
Number of All Producers who are Male	915
Percent Male	61.9%
Number of All Producers who are Female	564
Percent Female	38.1%

Primary Occupation and Years on Farm³ (2022)

	County
<i>(Data only collected for up to 4 producers per farm)</i>	
Number of Producers for whom Farming is their Primary Occupation	431
Percent of Producers for whom Farming is their Primary Occupation	31.7%
Number of Producers for whom something Other than Farming is their Primary Occupation	930
Average Years on Present Farm	20.5
Average Years on Any Farm	21.7

Producers *(continued)*

Age ³ (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	40
25-34 years	105
35-44 years	173
45-54 years	209
55-64 years	372
65-74 years	299
75 years and over	163
Average Age	56.8

Race and Ethnicity ³ (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Producers by Race...	
... American Indian or Alaska Native	1
... Asian	6
... Black or African American	11
... Native Hawaiian or Other Pacific Islander	0
... White	1,340
... More than one race reported	3
Hispanic, Latino, or Spanish origin	19

Internet Access

Farm Internet Access ³ (2022)	
	County
Farms with Internet Access	573
Type of Access...	
... Broadband	468
... Dial-up	15
... Cellular Data Plan	331
... Satellite	19

Household Internet and Computer Access ⁴ (2018-2022)	
	County
Households with <u>no</u> Computer	2,004 (+/- 372)
Percent of Households with no Computer	4.0% (+/- 0.7%)
Households <u>without</u> an Internet Subscription	593 (+/- 593)
Percent of Households without an Internet Subscription	7.9% (+/- 1.2%)

Farm Income

Market Value ² (2022)	
	County
Market Value of Agricultural Products Sold	\$14,792,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$10,240,000
Market Value of Livestock, Poultry, and their Products	\$4,552,000

Food Marketing and Tourism^{5&6} (2022)

	County
Number of Farms Marketing Food Directly to Consumers	57
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	16
Number of Farms with Processed or Value-Added Agricultural Products Sold	24
Number of Farms with Income from Agri-Tourism and Recreational Services	31

Related Local Businesses

Selected Businesses⁷ (2021)

	County
Agriculture, Forestry, Fishing and Hunting Establishments	3
Mining, Quarrying, and Oil and Gas Extraction Establishments	n/a
Restaurants and other Eating Places	260
Food and Beverage Stores	43
Arts, Entertainment, and Recreation Establishments	49
Accommodation and Food Services Establishments	325

Climate and Disasters

Expected Annual Loss⁸ (2021-2022)

	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$16,952,359
Agriculture Value	\$81,248
Building Value	\$10,078,100

Emergency and Disaster Declarations⁹ Since 2012 (2012-2022)

	County
Total Number of Emergency and Major Disaster Declarations in last 10 years	0
Most Common Emergency and Major Disaster Incident in last 10 years	No Declaration

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/
- 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>)

