



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 <u>4 sections</u>: 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: https://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

Sustainability of family farms

Access to high-speed internet

Streghtening/supporting the local food and agriculture industry

Preserving/managing agricultural land

Market support for locally grown and produced foods

Providing increased market opportunities for farmers

Issues affecting crops (e.g., pests, diseases and weed issues)

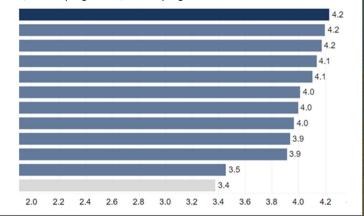
Helping individual, families, farmers, and/or businesses recover from natural disasters

Helping individuals, families, farmers, and/or businesses prepare for natural disasters

Assisting farmers in agricultural production or profitability

Dealing with climate variation

Helping producers create carbon neutral businesses



Cooperative Extension Service

Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, physical or mental disability or reprisal or retuliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be available in langues other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.





Farms

Farms and Farming ¹ (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 ²	(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 ³ (2022)		
	County	
Full Owners	825	
Part Owners	159	
Tenants	33	

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

Ownership ³ (2022)		
	County	
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	992	
Legal Status for Tax Purposes		
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 ³ (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 ³ (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 ³ (2022)		
(Data only collected for up to 4 producers per farm)	County	
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 ³ (2022)	
(Data only collected for up to 4 producers per farm)	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 ³ (2022)			
(Data only collected for up to 4 producers per farm)	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 ³ (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 ⁴ (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 ² (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 ^{5 & 6} (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

Selected Businesses⁷ (2021) County Agriculture, Forestry, Fishing and Hunting Establishments Mining, Quarrying, and Oil and Gas Extraction Establishments Restaurants and other Eating Places Food and Beverage Stores Arts, Entertainment, and Recreation Establishments Accommodation and Food Services Establishments 35

Climate and Disasters

Expected Annual Loss⁸ (2021-2022)

	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

Emergency and Disaster Declarations⁹ Since 2012 (2012-2022)

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

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/
 County Level/Kentucky/

 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/

 URL for all Census of Agriculture tables:

 https://www.nass.usda.gov/Publications/AgCensus/2022/Full Report/Volume 1, Chapter 2 County Level/Kentucky/

 Output

 Description of Agriculture tables:

 | County Level/Kentucky/
 | County
- 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%2
 OAccess&g=040XX00US21,21\$0500000&d=ACS%205Year%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.

8. 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-andcounties

Margins of Error

For counties with small populations and small population groups, the <u>margins of error</u> (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 <u>range</u> <u>within which the estimate most likely falls</u>.

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)



Data were compiled by Julie N. Zimmerman and Cameron McAlister. May 2024. Kentucky: By The Numbers is an Extension program in the Department of Community and Leadership Development at the University of Kentucky. For more information contact your local Cooperative Extension office or Dr. Julie N. Zimmerman, Professor of Rural Sociology, Department of Community and Leadership Development, 500 Garrigus Building, University of Kentucky, Lexington, KY 40546-0215. email: jzimm@uky.edu. The entire series is online at