



Muhlenberg 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)

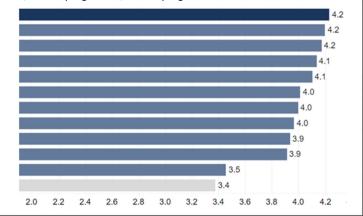
Helping individual, families, farmers, and/or businesses recover from natural disasters

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

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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Farms

Farms and Farming ¹ (2022)	
	County
Total Number of Farms	583
Total Number of Acres in Farms	129,431
Percent of Land in Farms	43.3%
Average Farm Size (acres)	222

Number of Farms by Size ² (2022)	
	County
1 to 9 acres	23
10 to 49 acres	169
50 to 179 acres	245
180 to 499 acres	93
500 to 999 acres	26
1,000 acres or more	27

Farm Tenure ³ (2022)	
County	
Full Owners	496
Part Owners	82
Tenants	5

Selected Characteristics ² (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$255,615
Farm Production Expenses, Average Per Farm	\$183,899

Ownership ³ (2022)	
	County
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	549
Legal Status for Tax Purposes	
Number of Farms Operated by Family or an Individual	525
Acres in Farms Operated by Family or an Individual	*
	* = data undisclosed

Producers

All Producers ³ (2022)	
	County
Farms with 1 Producer	243
Farms with 2 Producers	291
Farms with 3 Producers	29
Farms with 4 Producers	8
Farms with 5 or more Producers	12

Gender ³ (2022)	
	County
Total Number of All Producers	1,034
Number of All Producers who are Male	712
Percent Male	68.9%
Number of All Producers who are Female	322
Percent Female	31.1%

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	353
Percent of Producers for whom Farming is their Primary Occupation	35.6%
Number of Producers for whom something Other than Farming is their Primary Occupation	639
Average Years on Present Farm	20.7
Average Years on Any Farm	22.7

Producers (continued)

Age ³ (2022)	
(Data only collected for up to 4 producers per farm)	County
Under 25 years old	6
25-34 years	72
35-44 years	126
45-54 years	149
55-64 years	211
65-74 years	265
75 years and over	163
Average Age	59.4

Race and Ethnicity ³ (2022)		
(Data only collected for up to 4 producers per farm)	County	
Producers by Race		
American Indian or Alaska Native	0	
Asian	0	
Black or African American	32	
Native Hawaiian or Other Pacific Islander	0	
White	954	
More than one race reported	6	
Hispanic, Latino, or Spanish origin	8	

Internet Access

Farm Internet Access ³ (2022)	
	County
Farms with Internet Access	378
Type of Access	
Broadband	160
Dial-up	14
Cellular Data Plan	278
Satellite	49

Household Internet and Computer Access ⁴ (2018-2022)	
	County
Households with <u>no</u> Computer	1,109 (+/- 233)
Percent of Households with no Computer	9.4% (+/- 2.0%)
Households <u>without</u> an Internet Subscription	262 (+/- 262)
Percent of Households without an Internet Subscription	17.6% (+/- 2.2%)

Farm Income

Market Value ² (2022)		
	County	
Market Value of Agricultural Products Sold	\$149,024,000	
Market Value of Crops, incl Nursery and Greenhouse Crops	\$43,078,000	
Market Value of Livestock, Poultry, and their Products	\$105,945,000	

Food Marketing and Tourism ^{5 & 6} (2022)		
	County	
Number of Farms Marketing Food Directly to Consumers	16	
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	11	
Number of Farms with Processed or Value-Added Agricultural Products Sold	1	
Number of Farms with Income from Agri-Tourism and Recreational Services	5	

Related Local Businesses

Selected Businesses ⁷ (2021)		
	County	
Agriculture, Forestry, Fishing and Hunting Establishments	n/a	
Mining, Quarrying, and Oil and Gas Extraction Establishments	7	
Restaurants and other Eating Places	44	
Food and Beverage Stores	11	
Arts, Entertainment, and Recreation Establishments	3	
Accommodation and Food Services Establishments	50	

Climate and Disasters

Expected Annual Loss⁸ (2021-2022)

	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$5,820,678
Agriculture Value	\$94,577
Building Value	\$2,946,000

Emergency and Disaster Declarations⁹ Since 2012 (2012-2022)

	County
<u>Total Number</u> of Emergency and Major Disaster Declarations in last 10 years	2
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/
- 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

 $\frac{\text{https://www.fema.gov/data-visualization/disaster-declarations-states-and-counties}}{\text{counties}}$

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