



Madison 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	1,164
Total Number of Acres in Farms	191,746
Percent of Land in Farms	68.5%
Average Farm Size (acres)	165

Number of Farms by Size ² (2022)	
	County
1 to 9 acres	92
10 to 49 acres	424
50 to 179 acres	380
180 to 499 acres	180
500 to 999 acres	53
1,000 acres or more	35

Farm Tenure ³ (2022)	
	County
Full Owners	905
Part Owners	203
Tenants	56

Selected Characteristics ² (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$54,656
Farm Production Expenses, Average Per Farm	\$59,194

Ownership ³ (2022)	
	County
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	1,107
Legal Status for Tax Purposes	
Number of Farms Operated by Family or an Individual	1,037
Acres in Farms Operated by Family or an Individual	142,036

* = data undisclosed

Producers

All Producers ³ (2022)	
	County
Farms with 1 Producer	495
Farms with 2 Producers	536
Farms with 3 Producers	66
Farms with 4 Producers	64
Farms with 5 or more Producers	3

Gender ³ (2022)	
	County
Total Number of All Producers	2,041
Number of All Producers who are Male	1,329
Percent Male	65.1%
Number of All Producers who are Female	712
Percent Female	34.9%

Primary Occupation and Years on Farm ³ (2022)	
	County
<i>(Data only collected for up to 4 producers per farm)</i>	
Number of Producers for whom Farming is their Primary Occupation	770
Percent of Producers for whom Farming is their Primary Occupation	37.9%
Number of Producers for whom something Other than Farming is their Primary Occupation	1,263
Average Years on Present Farm	21.0
Average Years on Any Farm	23.1

Producers *(continued)*

Age ³ (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	28
25-34 years	107
35-44 years	295
45-54 years	335
55-64 years	456
65-74 years	502
75 years and over	310
Average Age	58.6

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	8
... Asian	0
... Black or African American	12
... Native Hawaiian or Other Pacific Islander	0
... White	2,005
... More than one race reported	8
Hispanic, Latino, or Spanish origin	22

Internet Access

Farm Internet Access ³ (2022)	
	County
Farms with Internet Access	878
Type of Access...	
... Broadband	467
... Dial-up	33
... Cellular Data Plan	591
... Satellite	133

Household Internet and Computer Access ⁴ (2018-2022)	
	County
Households with <u>no</u> Computer	2,173 (+/- 383)
Percent of Households with no Computer	6.0% (+/- 1.1%)
Households <u>without</u> an Internet Subscription	634 (+/- 634)
Percent of Households without an Internet Subscription	12.2% (+/- 1.8%)

Farm Income

Market Value ² (2022)	
	County
Market Value of Agricultural Products Sold	\$63,620,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$18,045,000
Market Value of Livestock, Poultry, and their Products	\$45,575,000

Food Marketing and Tourism ^{5&6} (2022)	
	County
Number of Farms Marketing Food Directly to Consumers	60
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	27
Number of Farms with Processed or Value-Added Agricultural Products Sold	20
Number of Farms with Income from Agri-Tourism and Recreational Services	10

Related Local Businesses

	County
Agriculture, Forestry, Fishing and Hunting Establishments	n/a
Mining, Quarrying, and Oil and Gas Extraction Establishments	3
Restaurants and other Eating Places	127
Food and Beverage Stores	26
Arts, Entertainment, and Recreation Establishments	20
Accommodation and Food Services Establishments	160

Climate and Disasters

	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$10,530,754
Agriculture Value	\$130,348
Building Value	\$3,676,929

	County
Total Number of Emergency and Major Disaster Declarations in last 10 years	4
Most Common Emergency and Major Disaster Incident in last 10 years	Flood

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>)

