



Calloway 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/>.

*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



Farms

Farms and Farming ¹ (2022)	
	County
Total Number of Farms	821
Total Number of Acres in Farms	143,172
Percent of Land in Farms	58.1%
Average Farm Size (acres)	174

Number of Farms by Size ² (2022)	
	County
1 to 9 acres	43
10 to 49 acres	320
50 to 179 acres	324
180 to 499 acres	70
500 to 999 acres	37
1,000 acres or more	27

Farm Tenure ³ (2022)	
	County
Full Owners	661
Part Owners	151
Tenants	9

Selected Characteristics ² (2022)	
	County
Market Value of Agricultural Products Sold, Average per Farm	\$160,919
Farm Production Expenses, Average Per Farm	\$121,979

Ownership ³ (2022)	
	County
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	789
Legal Status for Tax Purposes	
Number of Farms Operated by Family or an Individual	739
Acres in Farms Operated by Family or an Individual	107,756

* = data undisclosed

Producers

All Producers ³ (2022)	
	County
Farms with 1 Producer	376
Farms with 2 Producers	367
Farms with 3 Producers	34
Farms with 4 Producers	41
Farms with 5 or more Producers	3

Gender ³ (2022)	
	County
Total Number of All Producers	1,406
Number of All Producers who are Male	901
Percent Male	64.1%
Number of All Producers who are Female	505
Percent Female	35.9%

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	472
Percent of Producers for whom Farming is their Primary Occupation	34.0%
Number of Producers for whom something Other than Farming is their Primary Occupation	916
Average Years on Present Farm	21.4
Average Years on Any Farm	24.7

Producers *(continued)*

Age ³ (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	14
25-34 years	106
35-44 years	126
45-54 years	227
55-64 years	373
65-74 years	353
75 years and over	189
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	19
... Asian	0
... Black or African American	7
... Native Hawaiian or Other Pacific Islander	0
... White	1,350
... More than one race reported	12
Hispanic, Latino, or Spanish origin	2

Internet Access

Farm Internet Access ³ (2022)	
	County
Farms with Internet Access	598
Type of Access...	
... Broadband	407
... Dial-up	8
... Cellular Data Plan	368
... Satellite	49

Household Internet and Computer Access ⁴ (2018-2022)	
	County
Households with <u>no</u> Computer	1,011 (+/- 211)
Percent of Households with no Computer	6.8% (+/- 1.4%)
Households <u>without</u> an Internet Subscription	302 (+/- 302)
Percent of Households without an Internet Subscription	17.4% (+/- 2.0%)

Farm Income

Market Value ² (2022)	
	County
Market Value of Agricultural Products Sold	\$132,115,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$71,285,000
Market Value of Livestock, Poultry, and their Products	\$60,830,000

Food Marketing and Tourism ^{5&6} (2022)	
	County
Number of Farms Marketing Food Directly to Consumers	17
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	15
Number of Farms with Processed or Value-Added Agricultural Products Sold	4
Number of Farms with Income from Agri-Tourism and Recreational Services	8

Related Local Businesses

Selected Businesses ⁷ (2021)	
	County
Agriculture, Forestry, Fishing and Hunting Establishments	4
Mining, Quarrying, and Oil and Gas Extraction Establishments	n/a
Restaurants and other Eating Places	62
Food and Beverage Stores	8
Arts, Entertainment, and Recreation Establishments	9
Accommodation and Food Services Establishments	87

Climate and Disasters

Expected Annual Loss ⁸ (2021-2022)	
	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$14,526,989
Agriculture Value	\$532,144
Building Value	\$8,728,633

Emergency and Disaster Declarations ⁹ Since 2012 (2012-2022)	
	County
Total Number of Emergency and Major Disaster Declarations in last 10 years	3
Most Common 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/
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%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)
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>)

