



# Powell 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<sup>1</sup> (2022)

	County
Total Number of Farms	165
Total Number of Acres in Farms	26,880
Percent of Land in Farms	23.5%
Average Farm Size (acres)	163

Number of Farms by Size<sup>2</sup> (2022)

	County
1 to 9 acres	8
10 to 49 acres	61
50 to 179 acres	68
180 to 499 acres	17
500 to 999 acres	4
1,000 acres or more	7

Farm Tenure<sup>3</sup> (2022)

	County
Full Owners	144
Part Owners	17
Tenants	4

Selected Characteristics<sup>2</sup> (2022)

	County
Market Value of Agricultural Products Sold, Average per Farm	\$31,491
Farm Production Expenses, Average Per Farm	\$25,570

Ownership<sup>3</sup> (2022)

	County
Number of Operations that are more than 50 Percent Owned by One Producer's Household and/or Extended Family	164
<b>Legal Status for Tax Purposes</b>	
Number of Farms Operated by Family or an Individual	155
Acres in Farms Operated by Family or an Individual	17,790

\* = data undisclosed

## Producers

All Producers<sup>3</sup> (2022)

	County
Farms with 1 Producer	68
Farms with 2 Producers	85
Farms with 3 Producers	12
Farms with 4 Producers	0
Farms with 5 or more Producers	0

Gender<sup>3</sup> (2022)

	County
Total Number of All Producers	274
Number of All Producers who are Male	166
Percent Male	60.6%
Number of All Producers who are Female	108
Percent Female	39.4%

Primary Occupation and Years on Farm<sup>3</sup> (2022)

(Data only collected for up to 4 producers per farm)	County
Number of Producers for whom Farming is their Primary Occupation	133
Percent of Producers for whom Farming is their Primary Occupation	48.5%
Number of Producers for whom something Other than Farming is their Primary Occupation	141
Average Years on Present Farm	20.6
Average Years on Any Farm	22.4

**Producers** *(continued)*

Age <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Under 25 years old	0
25-34 years	11
35-44 years	24
45-54 years	60
55-64 years	73
65-74 years	72
75 years and over	34
Average Age	59.7

Race and Ethnicity <sup>3</sup> (2022)	
<i>(Data only collected for up to 4 producers per farm)</i>	County
Producers by Race...	
... American Indian or Alaska Native	1
... Asian	0
... Black or African American	1
... Native Hawaiian or Other Pacific Islander	0
... White	266
... More than one race reported	6
Hispanic, Latino, or Spanish origin	1

**Internet Access**

Farm Internet Access <sup>3</sup> (2022)	
	County
Farms with Internet Access	113
Type of Access...	
... Broadband	52
... Dial-up	2
... Cellular Data Plan	74
... Satellite	20

Household Internet and Computer Access <sup>4</sup> (2018-2022)	
	County
Households with <u>no</u> Computer	699 (+/- 153)
Percent of Households with no Computer	15.0% (+/- 3.3%)
Households <u>without</u> an Internet Subscription	225 (+/- 225)
Percent of Households without an Internet Subscription	29.2% (+/- 4.6%)

**Farm Income**

Market Value <sup>2</sup> (2022)	
	County
Market Value of Agricultural Products Sold	\$5,196,000
Market Value of Crops, incl Nursery and Greenhouse Crops	\$4,386,000
Market Value of Livestock, Poultry, and their Products	\$811,000

Food Marketing and Tourism <sup>5&amp;6</sup> (2022)	
	County
Number of Farms Marketing Food Directly to Consumers	5
Number of Farms Marketing Food Directly to Retail Markets, Institutions, and Food Hubs for Local or Regionally Branded Products	1
Number of Farms with Processed or Value-Added Agricultural Products Sold	1
Number of Farms with Income from Agri-Tourism and Recreational Services	0

## Related Local Businesses

### Selected Businesses<sup>7</sup> (2021)

	County
Agriculture, Forestry, Fishing and Hunting Establishments	n/a
Mining, Quarrying, and Oil and Gas Extraction Establishments	n/a
Restaurants and other Eating Places	14
Food and Beverage Stores	8
Arts, Entertainment, and Recreation Establishments	3
Accommodation and Food Services Establishments	18

## Climate and Disasters

### Expected Annual Loss<sup>8</sup> (2021-2022)

	County
Total Expected Annual Loss in Anticipated Economic Damage Resulting from Natural Hazards	\$2,870,372
Agriculture Value	\$66,703
Building Value	\$1,766,923

### Emergency and Disaster Declarations<sup>9</sup> Since 2012 (2012-2022)

	County
<b>Total Number</b> of Emergency and Major Disaster Declarations in last 10 years	8
<b>Most Common</b> 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/](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>)

