

Margaret Rietschlin
4240 Baker Road
Crestline, Ohio 44827

Matt Butler
Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43215-3793

Dear Mr. Butler,

I would like to thank you for including me in the opportunity provided by the OPSB regarding the Workshop on Wind Rules. Presented below are several comments regarding the rules in siting Industrial Wind Facilities.

COMMENT 1

The SECOND FINDING AND ORDER in paragraph (2) {Case No. 12-1981-GE-BRO} lists reference to possible revisions to the wind siting process. "In summary, R.C. 106.03(A) requires that the Board determine whether the rules should be continued without amendment, be amended, or be rescinded; need amendment or rescission to give more flexibility at the local level or to eliminate unnecessary paperwork..."

Should "the local level" refer to county commissioners, planning commissions, or township trustees in the rural areas being considered for wind facilities, then the OPSB must consider the ability of the local folks to understand the projects fully. For the discussion purposes in fair rule making it must be noted that several elected county and township positions are held by wind farm leaseholders. Decision making would certainly be tainted. The scope of county and township elected positions duties are specifically identified in Ohio Law. While many township and county elected and appointed persons are known in their respective communities, may be nice people and good neighbors, there is no supposition on the part of the voters that those same people possess the technical background to fully vet a project such as an industrial wind farm.

COMMENT 2

There should begin a public notification process before ANY leases are signed. This process would notify all members within a certain distance of the boundary of a proposed industrial wind facility. It is only just that the consequences of such projects be made properly public in scope. Many residents are left out of the process until after leases are signed, the application for facilities has been approved and/or construction plans are readied. They may be left out because they are land owners of some nominal amount of property or because they are not members of any representative group. Not even lease holders can fully understand the project that they have bargained for until the application is approved and made public. Notification should not rely on individuals subscribing to local newspapers or being members of any club or organization. A proper outreach program initiated, planned and delivered either by OPSB or an uninvolved third party should be mandatory.

Comment 3 reference Item 18 (j)

Rule changes that have been advocated requiring the wind facility developer to more properly define projects with respect to individual residents' properties. Maps should clearly identify the leaseholder properties that have proposed turbines and transmission lines. All properties within a wind facility project boundary, the owners and their homes/business addresses should be identified by name and address; not difficult to decipher receptor codes.

COMMENT 4

Setbacks should be established with two components. The first consideration in setback is relational from the turbine to a property line. The second area of study should be a density consideration. While a project may meet a minimum setback (depending on legislation in place at time of application approval) there should be a method to explore the number of homes/families/businesses within a perimeter of turbine placement. The greater the density of people surrounding a wind structure, the greater the possibility of an accident, and the more quality of life affected.

Huron County, Michigan has approximately 325 turbines erected; per the US Census Bureau the persons per square mile in 2010 was 39.6. In three townships of Van Wert County, Ohio and two townships in Paulding County, there are 175 turbines per an Iberdrola Renewables fact sheet. Per US Census Bureau, Van Wert County itself has a population of 70.3 people per square mile; Paulding County has population of 47.1 people per square. Further breakdown into townships could be possible. By contrast, Crawford County, Ohio has a persons per square mile of 109 and Richland County, Ohio has a persons per square mile of 251.3 per the US Census Bureau 2010 data.

There should be some examination of data to determine density of people in a proposed wind facility. Greater density of population should necessarily limit the siting of turbines.



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State & County QuickFacts

NOTE: This version of QuickFacts will no longer be updated with new data. Please visit the new for the latest data.

Huron County, Michigan

People QuickFacts	Huron County	Michigan
Population, 2014 estimate	32,065	9,909,877
Population, 2010 (April 1) estimates base	33,118	9,884,133
Population, percent change - April 1, 2010 to July 1, 2014	-3.2%	0.3%
Population, 2010	33,118	9,883,640
Persons under 5 years, percent, 2014	4.7%	5.8%
Persons under 18 years, percent, 2014	19.6%	22.4%
Persons 65 years and over, percent, 2014	23.4%	15.4%
Female persons, percent, 2014	50.5%	50.9%
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White alone, percent, 2014 (a)	97.8%	79.9%
Black or African American alone, percent, 2014 (a)	0.5%	14.2%
American Indian and Alaska Native alone, percent, 2014 (a)	0.4%	0.7%
Asian alone, percent, 2014 (a)	0.5%	2.9%
Native Hawaiian and Other Pacific Islander alone, percent, 2014 (a)	Z	Z
Two or More Races, percent, 2014	0.8%	2.3%
Hispanic or Latino, percent, 2014 (b)	2.1%	4.8%
White alone, not Hispanic or Latino, percent, 2014	95.7%	75.8%
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Living in same house 1 year & over, percent, 2009-2013	90.7%	85.3%
Foreign born persons, percent, 2009-2013	1.7%	6.1%
Language other than English spoken at home, pct age 5+, 2009-2013	3.3%	9.1%
High school graduate or higher, percent of persons age 25+, 2009-2013	86.9%	88.9%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	13.7%	25.9%
Veterans, 2009-2013	2,670	672,213
Mean travel time to work (minutes), workers age 16+, 2009-2013	20.7	24.0
<hr/>		
Housing units, 2014	21,153	4,539,871
Homeownership rate, 2009-2013	81.6%	72.1%
Housing units in multi-unit structures, percent, 2009-2013	7.5%	17.9%
Median value of owner-occupied housing units, 2009-2013	\$96,100	\$121,700
Households, 2009-2013	13,907	3,823,280
Persons per household, 2009-2013	2.31	2.53
Per capita money income in past 12 months (2013 dollars), 2009-2013	\$22,120	\$25,681
Median household income, 2009-2013	\$40,204	\$48,411
Persons below poverty level, percent, 2009-2013	15.8%	16.8%
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Business QuickFacts	Huron County	Michigan
Private nonfarm establishments, 2013	959	217,494 ¹
Private nonfarm employment, 2013	10,579	3,535,685 ¹
Private nonfarm employment, percent change, 2012-2013	0.2%	1.9% ¹
Nonemployer establishments, 2013	2,267	687,136
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Total number of firms, 2007	2,973	816,972
Black-owned firms, percent, 2007	F	8.9%

American Indian- and Alaska Native-owned firms, percent, 2007	F	0.7%
Asian-owned firms, percent, 2007	S	2.6%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	0.1%
Hispanic-owned firms, percent, 2007	F	1.3%
Women-owned firms, percent, 2007	S	30.4%

Manufacturers shipments, 2007 (\$1000)	647,313	234,455,768
Merchant wholesaler sales, 2007 (\$1000)	253,604	107,109,349
Retail sales, 2007 (\$1000)	323,115	109,102,594
Retail sales per capita, 2007	\$9,727	\$10,855
Accommodation and food services sales, 2007 (\$1000)	33,647	14,536,648
Building permits, 2014	47	15,933 ¹

Geography QuickFacts

	Huron County	Michigan
Land area in square miles, 2010	835.71	56,538.90
Persons per square mile, 2010	39.6	174.8
FIPS Code	063	26
Metropolitan or Micropolitan Statistical Area	None	

1: Includes data not distributed by county.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 25 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits

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BLUE CREEK Wind Farm

Project Location: Tully, Union, and Hoaglin Townships of Van Wert County, Ohio and Benton, Blue Creek, and Latty Townships of Paulding County, Ohio

Project Status: Expected on-line by 2011

Project Capacity: 350 Megawatts (MW)

Number of Wind Turbines: 175 Gamesa G87 or G90, 2.0 MW wind turbines, made in Pennsylvania



Households Served: Each turbine can produce up to two megawatts or 2,700 horsepower, which is enough to power about 500 average Ohio houses. The total project will power approximately 87,500 homes annually. According to the 2000 census, there are 11,600 households in Van Wert County and 7,700 households in Paulding County.

Technology: The turbines will be on either a 256 foot (78 meter) tower for a total height to the top of the blades of 398 feet, or a 328 foot (100meter) tower for a total height of 476 feet. Each nacelle weighs 85 tons. Each foundation uses about 50 truck-loads of concrete and 45 tons of steel rebar.

Local Economic Benefits: Approximately \$1.1 million in annual lease payments to local landowners, 15-20 new permanent jobs, over 300 construction jobs, local purchase of some supplies and construction materials and local property tax payments.

Energy and Environmental Benefits: Offsets carbon dioxide emissions by approximately 1.3 billion pounds per year. That is the equivalent of planting an estimated 525,000 acres of trees – (Van Wert County and Paulding County combined are 530,000 acres), taking 114,000 cars off the road, or reducing the consumption of over 2.1 million barrels of oil. If electric cars were widely available, this project will produce enough electricity to power 479,000 electric cars for a year.

Homegrown wind power will be another crop from the farm fields of Van Wert and Paulding Counties. Blowing all year long, with a strong yield in winter, it will provide for generations.

For more information visit
www.iberdrolarenewables.us



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State & County QuickFacts

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Van Wert County, Ohio

People QuickFacts	Van Wert County	Ohio
Population, 2014 estimate	28,462	11,594,163
Population, 2010 (April 1) estimates base	28,744	11,536,725
Population, percent change - April 1, 2010 to July 1, 2014	-1.0%	0.5%
Population, 2010	28,744	11,536,504
Persons under 5 years, percent, 2014	5.9%	6.0%
Persons under 18 years, percent, 2014	23.5%	22.8%
Persons 65 years and over, percent, 2014	18.0%	15.5%
Female persons, percent, 2014	51.3%	51.1%
White alone, percent, 2014 (a)	97.0%	83.0%
Black or African American alone, percent, 2014 (a)	1.0%	12.6%
American Indian and Alaska Native alone, percent, 2014 (a)	0.2%	0.3%
Asian alone, percent, 2014 (a)	0.4%	2.0%
Native Hawaiian and Other Pacific Islander alone, percent, 2014 (a)	Z	0.1%
Two or More Races, percent, 2014	1.3%	2.1%
Hispanic or Latino, percent, 2014 (b)	2.8%	3.5%
White alone, not Hispanic or Latino, percent, 2014	94.6%	80.1%
Living in same house 1 year & over, percent, 2009-2013	88.1%	85.5%
Foreign born persons, percent, 2009-2013	0.8%	4.0%
Language other than English spoken at home, pct age 5+, 2009-2013	2.1%	6.6%
High school graduate or higher, percent of persons age 25+, 2009-2013	90.8%	88.5%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	15.4%	25.2%
Veterans, 2009-2013	2,146	864,923
Mean travel time to work (minutes), workers age 16+, 2009-2013	18.7	23.0
Housing units, 2014	12,688	5,146,933
Homeownership rate, 2009-2013	79.0%	67.5%
Housing units in multi-unit structures, percent, 2009-2013	7.9%	22.9%
Median value of owner-occupied housing units, 2009-2013	\$88,600	\$130,800
Households, 2009-2013	11,442	4,557,655
Persons per household, 2009-2013	2.47	2.47
Per capita money income in past 12 months (2013 dollars), 2009-2013	\$22,790	\$26,046
Median household income, 2009-2013	\$45,355	\$48,308
Persons below poverty level, percent, 2009-2013	12.5%	15.8%
Business QuickFacts	Van Wert County	Ohio
Private nonfarm establishments, 2013	545	250,117 ¹
Private nonfarm employment, 2013	9,398	4,587,136 ¹
Private nonfarm employment, percent change, 2012-2013	0.1%	0.9% ¹
Nonemployer establishments, 2013	1,566	745,540
Total number of firms, 2007	2,192	897,939
Black-owned firms, percent, 2007	F	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%
Asian-owned firms, percent, 2007	F	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	30.2%	27.7%
Manufacturers shipments, 2007 (\$1000)	1,072,331	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	127,049	135,575,279
Retail sales, 2007 (\$1000)	242,794	138,816,008

Retail sales per capita, 2007	\$8,403	\$12,049
Accommodation and food services sales, 2007 (\$1000)	25,464	17,779,905
Building permits, 2014	24	19,872

Geography QuickFacts	Van Wert County	Ohio
Land area in square miles, 2010	409.16	40,860.69
Persons per square mile, 2010	70.3	282.3
FIPS Code	161	39
Metropolitan or Micropolitan Statistical Area	Van Wert, OH Micro Area	

1: Includes data not distributed by county.

(a) Includes persons reporting only one race.
 (b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information
 F: Fewer than 25 firms
 FN: Footnote on this item for this area in place of data
 NA: Not available
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Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits
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State & County QuickFacts

NOTE: This version of QuickFacts will no longer be updated with new data. Please visit the new for the latest data.**Paulding County, Ohio**

People QuickFacts	Paulding County	Ohio
Population, 2014 estimate	18,989	11,594,163
Population, 2010 (April 1) estimates base	19,614	11,536,725
Population, percent change - April 1, 2010 to July 1, 2014	-3.2%	0.5%
Population, 2010	19,614	11,536,504
Persons under 5 years, percent, 2014	5.7%	6.0%
Persons under 18 years, percent, 2014	23.9%	22.8%
Persons 65 years and over, percent, 2014	17.0%	15.5%
Female persons, percent, 2014	50.2%	51.1%
White alone, percent, 2014 (a)	96.7%	83.0%
Black or African American alone, percent, 2014 (a)	1.1%	12.6%
American Indian and Alaska Native alone, percent, 2014 (a)	0.4%	0.3%
Asian alone, percent, 2014 (a)	0.3%	2.0%
Native Hawaiian and Other Pacific Islander alone, percent, 2014 (a)	Z	0.1%
Two or More Races, percent, 2014	1.5%	2.1%
Hispanic or Latino, percent, 2014 (b)	4.5%	3.5%
White alone, not Hispanic or Latino, percent, 2014	92.9%	80.1%
Living in same house 1 year & over, percent, 2009-2013	89.1%	85.5%
Foreign born persons, percent, 2009-2013	1.1%	4.0%
Language other than English spoken at home, pct age 5+, 2009-2013	3.8%	6.6%
High school graduate or higher, percent of persons age 25+, 2009-2013	88.6%	88.5%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	12.1%	25.2%
Veterans, 2009-2013	1,511	864,923
Mean travel time to work (minutes), workers age 16+, 2009-2013	23.1	23.0
Housing units, 2014	8,692	5,146,933
Homeownership rate, 2009-2013	78.1%	67.5%
Housing units in multi-unit structures, percent, 2009-2013	8.7%	22.9%
Median value of owner-occupied housing units, 2009-2013	\$92,300	\$130,800
Households, 2009-2013	7,730	4,557,655
Persons per household, 2009-2013	2.50	2.47
Per capita money income in past 12 months (2013 dollars), 2009-2013	\$22,714	\$26,046
Median household income, 2009-2013	\$44,861	\$48,308
Persons below poverty level, percent, 2009-2013	13.7%	15.8%
Business QuickFacts	Paulding County	Ohio
Private nonfarm establishments, 2013	299	250,117 ¹
Private nonfarm employment, 2013	3,729	4,587,136 ¹
Private nonfarm employment, percent change, 2012-2013	8.3%	0.9% ¹
Nonemployer establishments, 2013	1,096	745,540
Total number of firms, 2007	1,612	897,939
Black-owned firms, percent, 2007	F	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%
Asian-owned firms, percent, 2007	F	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	11.9%	27.7%
Manufacturers shipments, 2007 (\$1000)	388,737	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	115,546	135,575,279
Retail sales, 2007 (\$1000)	97,266	138,816,008

Retail sales per capita, 2007	\$5,069	\$12,049
Accommodation and food services sales, 2007 (\$1000)	7,947	17,779,905
Building permits, 2014	10	19,872

Geography QuickFacts	Paulding County	Ohio
Land area in square miles, 2010	416.44	40,860.69
Persons per square mile, 2010	47.1	282.3
FIPS Code	125	39
Metropolitan or Micropolitan Statistical Area	None	

1: Includes data not distributed by county.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 25 firms

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State & County QuickFacts

NOTE: This version of QuickFacts will no longer be updated with new data. Please visit the new for the latest data.**Crawford County, Ohio**

People QuickFacts	Crawford County	Ohio
Population, 2014 estimate	42,480	11,594,163
Population, 2010 (April 1) estimates base	43,784	11,536,725
Population, percent change - April 1, 2010 to July 1, 2014	-3.0%	0.5%
Population, 2010	43,784	11,536,504
Persons under 5 years, percent, 2014	5.5%	6.0%
Persons under 18 years, percent, 2014	22.0%	22.8%
Persons 65 years and over, percent, 2014	19.5%	15.5%
Female persons, percent, 2014	51.3%	51.1%
White alone, percent, 2014 (a)	97.1%	83.0%
Black or African American alone, percent, 2014 (a)	1.0%	12.6%
American Indian and Alaska Native alone, percent, 2014 (a)	0.2%	0.3%
Asian alone, percent, 2014 (a)	0.5%	2.0%
Native Hawaiian and Other Pacific Islander alone, percent, 2014 (a)	Z	0.1%
Two or More Races, percent, 2014	1.2%	2.1%
Hispanic or Latino, percent, 2014 (b)	1.5%	3.5%
White alone, not Hispanic or Latino, percent, 2014	95.9%	80.1%
Living in same house 1 year & over, percent, 2009-2013	86.0%	85.5%
Foreign born persons, percent, 2009-2013	0.6%	4.0%
Language other than English spoken at home, pct age 5+, 2009-2013	1.4%	6.6%
High school graduate or higher, percent of persons age 25+, 2009-2013	86.8%	88.5%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	11.8%	25.2%
Veterans, 2009-2013	3,532	864,923
Mean travel time to work (minutes), workers age 16+, 2009-2013	21.8	23.0
Housing units, 2014	20,002	5,146,933
Homeownership rate, 2009-2013	69.9%	67.5%
Housing units in multi-unit structures, percent, 2009-2013	15.3%	22.9%
Median value of owner-occupied housing units, 2009-2013	\$87,300	\$130,800
Households, 2009-2013	17,655	4,557,655
Persons per household, 2009-2013	2.42	2.47
Per capita money income in past 12 months (2013 dollars), 2009-2013	\$21,478	\$26,046
Median household income, 2009-2013	\$40,783	\$48,308
Persons below poverty level, percent, 2009-2013	16.6%	15.8%
Business QuickFacts	Crawford County	Ohio
Private nonfarm establishments, 2013	847	250,117 ¹
Private nonfarm employment, 2013	12,326	4,587,136 ¹
Private nonfarm employment, percent change, 2012-2013	0.5%	0.9% ¹
Nonemployer establishments, 2013	2,286	745,540
Total number of firms, 2007	2,788	897,939
Black-owned firms, percent, 2007	F	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	F	0.3%
Asian-owned firms, percent, 2007	F	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	F	1.1%
Women-owned firms, percent, 2007	23.8%	27.7%
Manufacturers shipments, 2007 (\$1000)	1,470,863	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	D	135,575,279
Retail sales, 2007 (\$1000)	338,651	138,816,008

Retail sales per capita, 2007	\$7,671	\$12,049
Accommodation and food services sales, 2007 (\$1000)	39,099	17,779,905
Building permits, 2014	11	19,872

Geography QuickFacts	Crawford County	Ohio
Land area in square miles, 2010	401.79	40,860.69
Persons per square mile, 2010	109.0	282.3
FIPS Code	033	39
Metropolitan or Micropolitan Statistical Area	Bucyrus, OH Micro Area	

1: Includes data not distributed by county.

(a) Includes persons reporting only one race.
 (b) Hispanics may be of any race, so also are included in applicable race categories.

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State & County QuickFacts

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Richland County, Ohio

People QuickFacts	Richland County	Ohio
Population, 2014 estimate	121,942	11,594,163
Population, 2010 (April 1) estimates base	124,475	11,536,725
Population, percent change - April 1, 2010 to July 1, 2014	-2.0%	0.5%
Population, 2010	124,475	11,536,504
Persons under 5 years, percent, 2014	5.7%	6.0%
Persons under 18 years, percent, 2014	21.8%	22.8%
Persons 65 years and over, percent, 2014	18.1%	15.5%
Female persons, percent, 2014	49.2%	51.1%
White alone, percent, 2014 (a)	87.6%	83.0%
Black or African American alone, percent, 2014 (a)	9.5%	12.6%
American Indian and Alaska Native alone, percent, 2014 (a)	0.2%	0.3%
Asian alone, percent, 2014 (a)	0.7%	2.0%
Native Hawaiian and Other Pacific Islander alone, percent, 2014 (a)	Z	0.1%
Two or More Races, percent, 2014	2.0%	2.1%
Hispanic or Latino, percent, 2014 (b)	1.7%	3.5%
White alone, not Hispanic or Latino, percent, 2014	86.2%	80.1%
Living in same house 1 year & over, percent, 2009-2013	85.0%	85.5%
Foreign born persons, percent, 2009-2013	1.5%	4.0%
Language other than English spoken at home, pct age 5+, 2009-2013	3.4%	6.6%
High school graduate or higher, percent of persons age 25+, 2009-2013	86.2%	88.5%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	14.9%	25.2%
Veterans, 2009-2013	10,676	864,923
Mean travel time to work (minutes), workers age 16+, 2009-2013	21.2	23.0
Housing units, 2014	54,275	5,146,933
Homeownership rate, 2009-2013	69.2%	67.5%
Housing units in multi-unit structures, percent, 2009-2013	19.0%	22.9%
Median value of owner-occupied housing units, 2009-2013	\$103,500	\$130,800
Households, 2009-2013	48,458	4,557,655
Persons per household, 2009-2013	2.40	2.47
Per capita money income in past 12 months (2013 dollars), 2009-2013	\$21,932	\$26,046
Median household income, 2009-2013	\$41,835	\$48,308
Persons below poverty level, percent, 2009-2013	15.7%	15.8%
Business QuickFacts	Richland County	Ohio
Private nonfarm establishments, 2013	2,639	250,117 ¹
Private nonfarm employment, 2013	42,940	4,587,136 ¹
Private nonfarm employment, percent change, 2012-2013	0.1%	0.9% ¹
Nonemployer establishments, 2013	6,815	745,540
Total number of firms, 2007	9,596	897,939
Black-owned firms, percent, 2007	2.2%	5.8%
American Indian- and Alaska Native-owned firms, percent, 2007	S	0.3%
Asian-owned firms, percent, 2007	2.2%	2.0%
Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	F	S
Hispanic-owned firms, percent, 2007	S	1.1%
Women-owned firms, percent, 2007	25.2%	27.7%
Manufacturers shipments, 2007 (\$1000)	3,563,738	295,890,890
Merchant wholesaler sales, 2007 (\$1000)	1,010,587	135,575,279
Retail sales, 2007 (\$1000)	1,489,514	138,816,008

Retail sales per capita, 2007	\$11,818	\$12,049
Accommodation and food services sales, 2007 (\$1000)	178,875	17,779,905
Building permits, 2014	61	19,872
	Richland County	Ohio
Geography QuickFacts		
Land area in square miles, 2010	495.27	40,860.69
Persons per square mile, 2010	251.3	282.3
FIPS Code	139	39
Metropolitan or Micropolitan Statistical Area	Mansfield, OH Metro Area	

1: Includes data not distributed by county.

(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

D: Suppressed to avoid disclosure of confidential information

F: Fewer than 25 firms

FN: Footnote on this item for this area in place of data

NA: Not available

S: Suppressed; does not meet publication standards

X: Not applicable

Z: Value greater than zero but less than half unit of measure shown

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits
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