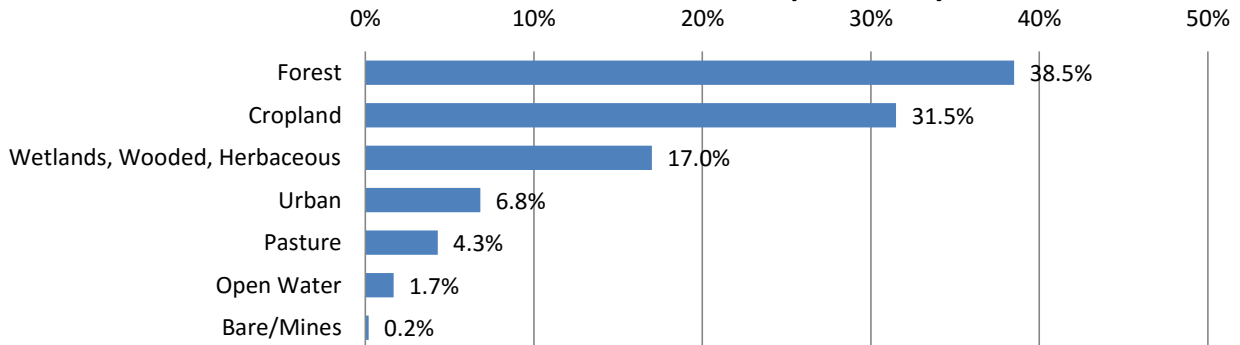


Summary

Ashtabula County is Ohio's largest county in land area at 450,000 acres (700 square miles). Over 300,000 acres (60%) is forest or cropland; 30,000 acres (7%) is urban. About 98% of land is privately owned, the same as Ohio (but different from the US [58%]). Over 7,900 acres are in state and nonprofit recreational areas. Ashtabula County has 1,100 farms with an average farm size of about 150 acres.

Land Cover

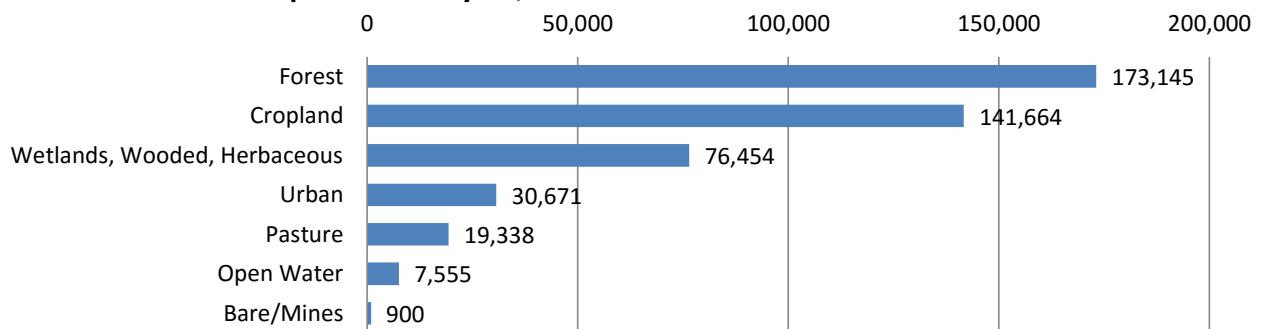
Land Cover: 60% of Ashtabula Co. is Forest or Cropland; Only 7% Is Urban



Source: ODOD, Ashtabula County Profile July 2015.

Note: Urban uses include residential, commercial, industrial, transportation and urban grasses

Land Cover: Over 300,000 Acres Are Forest or Cropland, Compared to Only 30,000 Acres for Urban Uses



Source: ODOD, Ashtabula County Profile July 2015. Acreage is calculation.

Land Cover

Land Cover	% of Total	Sq. Mi. (Est.)	Acreage (Est.)
Forest	38.50%	270.5	173,145
Cropland	31.50%	221.4	141,664
Wetlands, Wooded, Herbaceous	17.00%	119.5	76,454
Urban	6.82%	47.9	30,671
Pasture	4.30%	30.2	19,338
Open Water	1.68%	11.8	7,555
Bare/Mines	0.20%	1.4	900
Total Land	100.00%	702.7	449,728

Source: ODOD, Ashtabula County Profile, July 2015. Adjusted to 100%. Square miles & acreage is calculated.

Note: Urban includes residential, commercial, industrial, transportation and urban grasses.

Note: Percentages calculated by Ohio Department of Development, Office of Strategic Research from a digital map provided by Ohio Environmental Protection Agency, Division of Surface Water; "Ohio Statewide Land Cover Classification (1999 – 2003)"

Land Ownership

Almost all (98%) of Ashtabula County 450,000 acres is in private hands. A small amount of acreage is owned by Ohio, or county and city governments, but there are no federal or tribal lands.

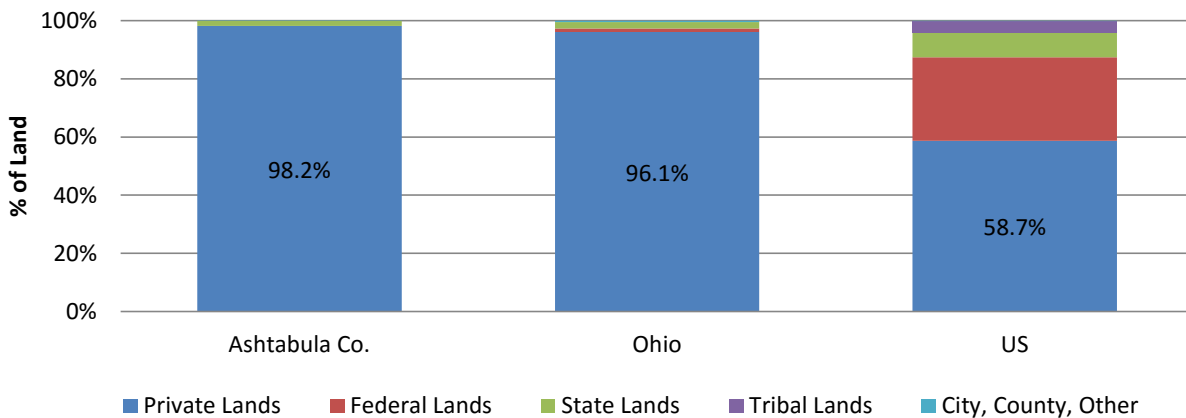
Land Ownership (Acres)

	Ashtabula Co.	Ohio	US
Total Area	450,613	26,375,587	2,286,279,509
Private Lands	442,481	25,338,903	1,341,224,948
Conservation Easement	3,660	38,962	14,841,267
Federal Lands	0	329,658	658,155,051
State Lands	8,044	574,928	192,517,204
State Trust Lands	0	0	42,498,598
Other State	8,044	574,928	150,018,606
Tribal Lands	0	0	90,323,859
City, County, Other	88	132,088	4,058,428
Percent of Total			
Total Area	100.0%	100.0%	100.0%
Private Lands	98.2%	96.1%	58.7%
Conservation Easement	0.8%	0.1%	0.6%
Federal Lands	0.0%	1.2%	28.8%
State Lands	1.8%	2.2%	8.4%
State Trust Lands*	0.0%	0.0%	1.9%
Other State	1.8%	2.2%	6.6%
Tribal Lands	0.0%	0.0%	4.0%
City, County, Other	0.0%	0.5%	0.2%

Note: Federal lands includes Forest Service, BLM, National Park Service, Military and other federal lands

Sources: U.S. Geological Survey, Gap Analysis Program. 2012. Protected Areas Database of the United States (PADUS) version 1.3. Cited in Headwaters Economics, Economic Profile System

Ashtabula Co., Ohio & US Land Ownership 98% of Ashtabula County Land Is Privately Owned



Sources: U.S. Geological Survey, Gap Analysis Program. 2012. Protected Areas Database of the United States (PADUS) version 1.3. Cited in Headwaters Economics, Economic Profile System

Recreational Land

Ashtabula County has more than 7,900 acres in state and nonprofit recreational areas.

Ashabula County Selected Parks, Wildlife & Recreational Areas

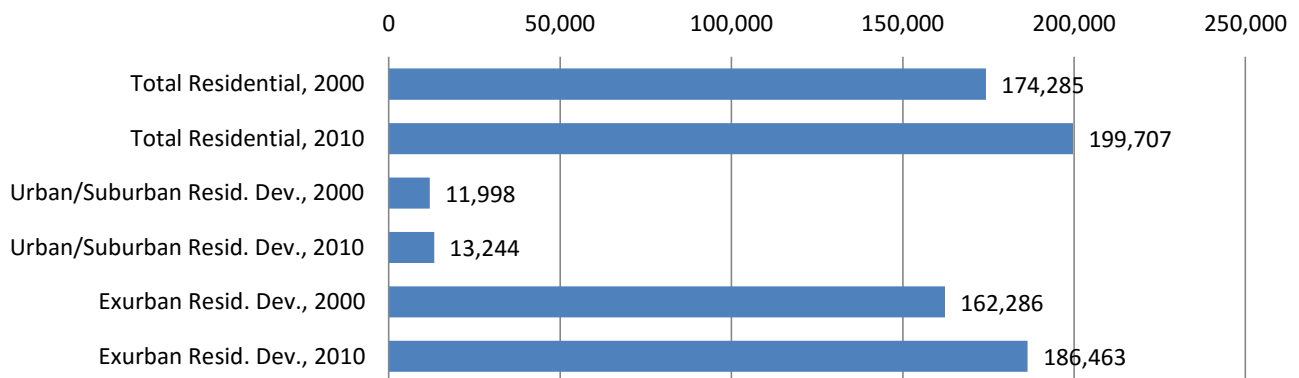
Facility	Type	Acres
Pymatuning	State Park	3,512
Geneva	State Park	698
Conant	State Wildlife Area	74
Conneaut	State Wildlife Area	86
Dorset	State Wildlife Area	1,080
New Lyme	State Wildlife Area	720
Orwell	State Wildlife Area	197
Pallister	State Nature Preserve	85
Rome Preserve	State Nature Preserve	74
William C. McCoy Preserve	State Nature Preserve	107
Total State Areas		6,633
Harpersfield Covered Bridge Metropark	Metro Park	NA
Morgan Swamp Preserve	Nature Conservancy	1,300
Western Reserve Greenway	Bike Path	NA
Total State/Nonprofit Areas		7,933
Source: TrekOhio.com		

Residential Development

Ashtabula County residential development's is low density: acreage per person is nearly twice that of Ohio. Most growth from 2000 to 2010 took place in exurban areas with lot sizes of 1.7 to 40 acres.

Residential Development (Acres)

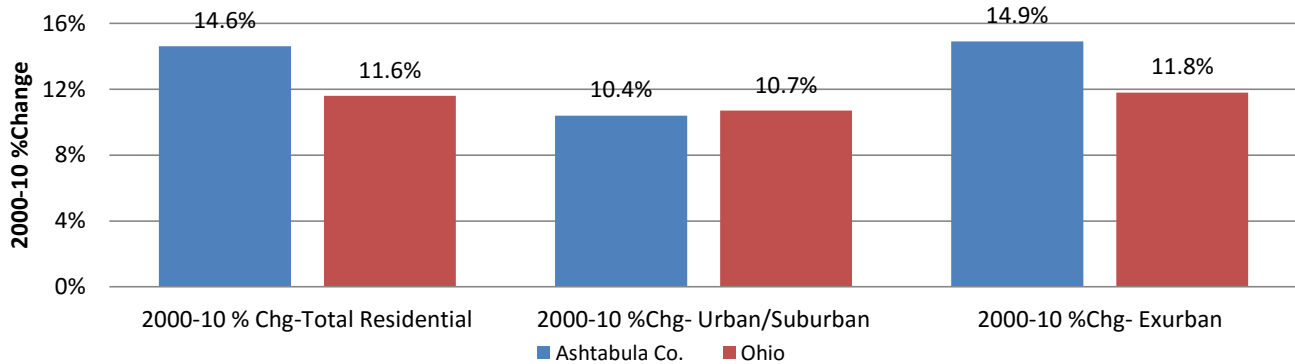
Most Residential Developed Took Place in Exurban Areas From 2000 to 2010



Source: Theobald, DM. 2013. Land use classes for ICLUS/SERGoM v2013. Unpublished report, Colorado State University. Cited in Headwaters Economics, Economic Profile System. Urban lots are <1.7 acres and exurban lots are 1.7-40 acres.

Ashtabula Co. & Ohio Residential Development (2000-2010)

Exurban Residential Development in Ashtabula County Grew Faster Than Ohio



Source: Theobald, DM. 2013. Land use classes for ICLUS/SERGoM v2013. Unpublished report, Colorado State University. Cited in Headwaters Economics, Economic Profile System. Urban lots are <1.7 acres and exurban lots are 1.7-40 acres.

Residential Density (Acres Per Person)

	Ashtabula Co.	Ohio
Residential Acres/Person, 2000	1.70	0.68
Residential Acres/Person, 2010	1.97	0.75
2000-10 % Chg in Resid. Acres/Person	27%	7%
Private Acres/Person, 2010	4.36	2.20

Sources: Theobald, DM. 2013. Land use classes for ICLUS/SERGoM v2013. Unpubl. report, Colorado State Univ.

Residential Development (Acres), 2000-2010

	Ashtabula Co.	Ohio	US
Total Private Land	442,481	25,338,903	1,341,224,948
Total Residential, 2000	174,285	7,708,909	190,918,648
Urban/Suburban, 2000	11,998	1,335,464	31,001,465
Exurban, 2000	162,286	6,373,440	159,917,167
Total Residential, 2010	199,707	8,601,311	214,475,717
Urban/Suburban, 2010	13,244	1,478,989	37,816,640
Exurban, 2010	186,463	7,122,321	176,659,056
2000-10 % Change			
2000-10 % Chg-Total Residential	14.6%	11.6%	12.3%
2000-10 %Chg- Urban/Suburban	10.4%	10.7%	22.0%
2000-10 %Chg- Exurban	14.9%	11.8%	10.5%
Percent of Total			
Total Residential, 2000	39%	30%	14%
Urban/Suburban, 2000	3%	5%	2%
Exurban, 2000	37%	25%	12%
Total Residential, 2010	45%	34%	16%
Urban/Suburban, 2010	3%	6%	3%
Exurban, 2010	42%	28%	13%
Source: Theobald, DM. 2013. Land use classes for ICLUS/SERGoM v2013. Unpublished report, Colorado State University. Cited in Headwaters Economics, Economic Profile System			
Note: Total Residential: Cumulative acres of land developed at urban/suburban and exurban densities.			
Urban/Suburban: Average residential lot size < 1.7 acres.			
Exurban: Average residential lot size 1.7 - 40 acres.			

Agricultural Usage

According to the 2012 Census of Agriculture, Ashtabula County had 1,100 farms occupying 166,000 acres, an average farm size of about 150 acres, Two-thirds of the acres was cropland.

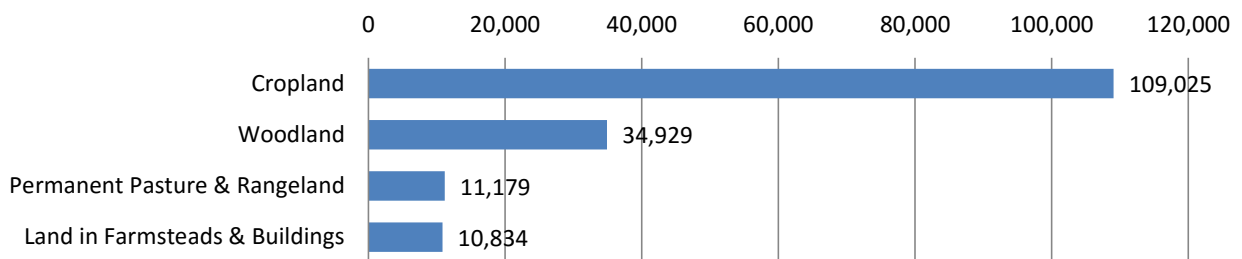
Ashtabula County Farms and Acreage

Number of Farms	1,099
Land in Farms (Acres)	165,967
Average Farm Size (Acres)	151
Approximate Land Area (Acres)	449,238
Approximate Percent of Land Area in Farms	36.9%
Source: USDA, 2012 Census of Agriculture.	

Ashtabula County Farms By Production Type Acreage

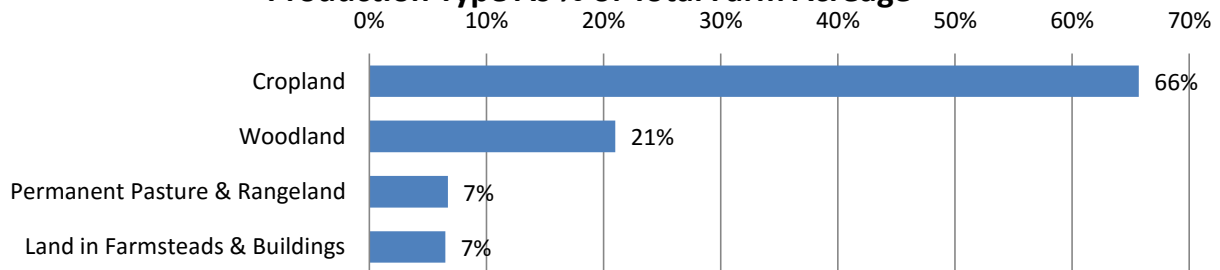
	Acres	% of Total
Land in Farms	165,967	100%
Cropland	109,025	66%
Woodland	34,929	21%
Permanent Pasture & Rangeland	11,179	7%
Land in Farmsteads & Buildings	10,834	7%
Source: USDA, 2012 Census of Agriculture.		
<p>Note: <u>Cropland</u>: includes harvested cropland, cropland used only for pasture and grazing, idled cropland and cropland used for cover crops or soil improvement.</p> <p><u>Woodland</u> includes natural or planted woodlots or timber tracts, for wood products and woodland pasture.</p> <p><u>Farmsteads and Buildings</u> includes livestock facilities, ponds, roads (private access roads and driveways but not public roads), and wasteland (e.g., ditches).</p> <p><u>Permanent Pastureland and Rangeland</u> includes permanent pasture and rangeland, and encompasses grazable land that does not qualify as woodland pasture or cropland pasture.</p>		

Farm Acreage By Production Type



Source: USDA, 2012 Census of Agriculture

Production Type As % of Total Farm Acreage



Source: USDA, 2012 Census of Agriculture