

## Michigan Food and Agricultural Systems Profiles

### ALCONA

Area <sup>1</sup>	674.59 square miles
Population <sup>2</sup>	10,886
Largest City	Harrisville
Watershed(s)	Au Sable, Thunder Bay



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Nursery, greenhouse, floriculture, and sod,</li> </ul> | <ul style="list-style-type: none"> <li>•Forage - land used for all hay and haylage, grass silage, and greenchop</li> <li>•Corn for grain</li> <li>•Wheat for grain</li> <li>•Corn for silage</li> </ul> |
|--|---|

#### Top Commodities by Acreage

- Forage
- Christmas Trees
- Pheasants

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$11,399,000	
Total crop sales	\$4,591,000	
Total livestock sales	\$6,808,000	

#### Key Michigan Products

Corn, soy, and wheat	6,987 acres ( 23.12% of cropland)
Revenue from corn, soy, and wheat	\$2,352,000
Vegetables	38 acres ( .13% of cropland)
Revenue from vegetables	\$20,000
Fruit and tree nuts	5 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	7 farms
Revenue from milk and other dairy	\$8,715,000
All animal operations	94 operations

#### Agricultural Land

Total number of farms	235
Total farmland <sup>5</sup>	38,309 acres
Forage/pasture/non-crop farmland <sup>6</sup>	8,094 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	1
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	6	0.3 %
Food warehouses	1	0.09%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	11	0.43%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	48	0.15%
Retail food establishments	22	0.15%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$30,302,820	0.12%
Emergency food distribution sites <sup>9</sup>	5	0.19%
Pounds distributed	104,175	0.13%
Students eligible for free or reduced school lunch <sup>10</sup>	458	0.06%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,813	0.09%
Total federal funding for SNAP	\$2,866,685	0.09%
Pet population (estimate) <sup>12</sup>	5,935	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	4
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### ALGER

Area <sup>1</sup>	915.07 square miles
Population <sup>2</sup>	9,560
Largest City	Munising
Watershed(s)	Au Train, Whitefish, Sturgeon



#### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Hogs and pigs
- Nursery, greenhouse, floriculture, and sod
- Fruits, tree nuts, and berries
- Vegetables, melons, potatoes, and sweet potatoes
- Grains, oilseeds, dry beans, and dry peas

#### Top Commodities by Acreage

- Forage
- Barley
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$3,025,000	
Total crop sales	\$890,000	
Total livestock sales	\$2,135,000	

#### Key Michigan Products

Corn, soy, and wheat	219 acres ( 1.62% of cropland)
Revenue from corn, soy, and wheat	\$160,000
Vegetables	56 acres ( .41% of cropland)
Revenue from vegetables	\$156,516
Fruit and tree nuts	6 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	6 farms
Revenue from milk and other dairy	\$3,303,000
All animal operations	49 operations

#### Agricultural Land

Total number of farms	93
Total farmland <sup>5</sup>	17,781 acres
Forage/pasture/non-crop farmland <sup>6</sup>	4,276 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	4	0.2 %
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	5	0.2 %
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	47	0.15%
Retail food establishments	33	0.23%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$22,746,294	0.09%
Emergency food distribution sites <sup>9</sup>	3	0.12%
Pounds distributed	16,516	0.02%
Students eligible for free or reduced school lunch <sup>10</sup>	509	0.07%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,273	0.07%
Total federal funding for SNAP	\$2,012,846	0.07%
Pet population (estimate) <sup>12</sup>	5,212	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	3

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### ALLEGAN

Area <sup>1</sup>	825.23 square miles
Population <sup>2</sup>	111,496
Largest City	Allegan, South Haven
Watershed(s)	Kalamazoo, Black, Macatawa



#### Top Commodities by Volume of Sales<sup>3</sup>

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>•Hogs and pigs</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Poultry and eggs</li> </ul> | <ul style="list-style-type: none"> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> </ul> |
|---|--|

#### Top Commodities by Acreage

- Corn
- Soybeans
- Layers

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$580,835,000	2
Total crop sales	\$194,085,000	8
Total livestock sales	\$386,750,000	1

#### Key Michigan Products

Corn, soy, and wheat	173,420 acres ( 71.68% of cropland)	8
Revenue from corn, soy, and wheat	\$103,524,000	13
Vegetables	10,518 acres ( 4.35% of cropland)	10
Revenue from vegetables	\$18,709,000	6
Fruit and tree nuts	88 operations	8
Revenue from fruits, tree nuts, and berries	\$15,199,000	6
Dairy farms	74 farms	5
Revenue from milk and other dairy	\$80,950,000	6
All animal operations	549 operations	1

#### Agricultural Land

Total number of farms	1,396	4
Total farmland <sup>5</sup>	270,282 acres	7
Forage/pasture/non-crop farmland <sup>6</sup>	28,335 acres	5
Number of farms using certified organic production	7	
Number of farms transitioning to organic production	5	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	30	1.5 %
Food warehouses	9	0.81%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	6	7.59%
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	38	1.5 %
Rendering facilities	12	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	348	1.11%
Retail food establishments	163	1.14%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$268,237,494	1.1 %
Emergency food distribution sites <sup>9</sup>	19	0.83%
Pounds distributed	446,277	0.58%
Students eligible for free or reduced school lunch <sup>10</sup>	7,717	1.05%
Households receiving FAP (SNAP) benefits <sup>11</sup>	17,007	0.89%
Total federal funding for SNAP	\$26,891,183	0.89%
Pet population (estimate) <sup>12</sup>	60,787	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	4
U-pick farms/On-farm markets	12
Farms using community Supported Agriculture	10

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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## Michigan Food and Agricultural Systems Profiles

### ALPENA

Area <sup>1</sup>	571.86 square miles
Population <sup>2</sup>	29,546
Largest City	Alpena
Watershed(s)	Thunder Bay



#### Top Commodities by Volume of Sales<sup>3</sup>

- Hogs, Grains, oilseeds, dry beans, and dry peas
- Cattle and calves
- Other crops and hay
- Vegetables, melons, potatoes, and sweet potatoes
- Fruits, tree nuts, and berries

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$23,653,000	
Total crop sales	\$9,507,000	
Total livestock sales	\$14,146,000	

#### Key Michigan Products

Corn, soy, and wheat	15,721 acres ( 27.79% of cropland)	
Revenue from corn, soy, and wheat	\$6,724,000	
Vegetables	93 acres ( .16% of cropland)	
Revenue from vegetables	\$223,000	
Fruit and tree nuts	12 operations	
Revenue from fruits, tree nuts, and berries	\$162,000	
Dairy farms	34 farms	
Revenue from milk and other dairy	\$27,520,000	13
All animal operations	214 operations	

#### Agricultural Land

Total number of farms	458
Total farmland <sup>5</sup>	69,274 acres
Forage/pasture/non-crop farmland <sup>6</sup>	12,711 acres
Number of farms using certified organic production	3
Number of farms transitioning to organic production	7
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	12	0.6 %
Food warehouses	15	1.34%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	25	0.99%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	127	0.4 %
Retail food establishments	51	0.36%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$83,735,514	0.34%
Emergency food distribution sites <sup>9</sup>	5	0.22%
Pounds distributed	111,141	0.14%
Students eligible for free or reduced school lunch <sup>10</sup>	2,249	0.31%
Households receiving FAP (SNAP) benefits <sup>11</sup>	6,345	0.33%
Total federal funding for SNAP	\$10,032,607	0.33%
Pet population (estimate) <sup>12</sup>	16,108	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	2

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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## ANTRIM

Area <sup>1</sup>	475.70 square miles
Population <sup>2</sup>	23,519
Largest City	Bellaire
Watershed(s)	Elk, Pine, Manistee



### Top Commodities by Volume of Sales<sup>3</sup>

- Fruits, tree nuts, and berries
- Nursery, greenhouse, floriculture, and sod

### Top Commodities by Acreage

- Forage
- Corn
- Pheasants

### Agricultural Revenues<sup>4</sup>

Total market value of agriculture production	
Total crop sales	
Total livestock sales	

### Amount

\$20,996,000
\$15,336,000
\$5,660,000

### MI top 20 ranking

### Key Michigan Products

Corn, soy, and wheat	6,193 acres ( 12.15% of cropland)	
Revenue from corn, soy, and wheat	\$2,452,000	
Vegetables	1,546 acres ( 3.03% of cropland)	
Revenue from vegetables	\$4,744,540	
Fruit and tree nuts	45 operations	9
Revenue from fruits, tree nuts, and berries	\$4,049,000	12
Dairy farms	2 farms	
Revenue from milk and other dairy	N/A	
All animal operations	126 operations	

### Agricultural Land

Total number of farms	415
Total farmland <sup>5</sup>	64,167 acres
Forage/pasture/non-crop farmland <sup>6</sup>	13,204 acres
Number of farms using certified organic production	3
Number of farms transitioning to organic production	9
Area of greenhouse/nursery operations (sq. ft)	1,128

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	34	1.7 %
Food warehouses	6	0.54%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	7	14.29%
Meat processing plants (MDARD licensed)	24	0.95%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	113	0.36%
Retail food establishments	74	0.52%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$62,133,567	0.25%
Emergency food distribution sites <sup>9</sup>	6	0.27%
Pounds distributed	390,148	0.5 %
Students eligible for free or reduced school lunch <sup>10</sup>	1,867	0.25%
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,793	0.2 %
Total federal funding for SNAP	\$5,997,428	0.2 %
Pet population (estimate) <sup>12</sup>	12,823	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	5
U-pick farms/On-farm markets	4
Farms using community Supported Agriculture	8

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## ARENAC

Area <sup>1</sup>	363.19 square miles
Population <sup>2</sup>	15,871
Largest City	Standish
Watershed(s)	Au Gres, Rifle



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, Oilseeds
- Dry beans, and dry peas
- Milk and other dairy products from cows
- Other crops and hay

### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$51,202,000	
Total crop sales	\$35,825,000	
Total livestock sales	\$15,377,000	

### Key Michigan Products

Corn, soy, and wheat	36,922 acres ( 49.89% of cropland)
Revenue from corn, soy, and wheat	\$24,864,000
Vegetables	1,514 acres ( 2.05% of cropland)
Revenue from vegetables	\$2,095,000
Fruit and tree nuts	10 operations
Revenue from fruits, tree nuts, and berries	\$16,000
Dairy farms	18 farms
Revenue from milk and other dairy	(D)
All animal operations	77 operations

### Agricultural Land

Total number of farms	421
Total farmland <sup>5</sup>	81,677 acres
Forage/pasture/non-crop farmland <sup>6</sup>	7,667 acres
Number of farms using certified organic production	4
Number of farms transitioning to organic production	11
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	5	0.25%
Food warehouses	1	0.09%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	17	0.67%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	57	0.18%
Retail food establishments	41	0.29%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$41,138,955	0.17%
Emergency food distribution sites <sup>9</sup>	4	0.17%
Pounds distributed	48,111	0.06%
Students eligible for free or reduced school lunch <sup>10</sup>	1,430	0.2 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,659	0.19%
Total federal funding for SNAP	\$5,785,549	0.19%
Pet population (estimate) <sup>12</sup>	8,653	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	2

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## BARAGA

Area <sup>1</sup>	898.26 square miles
Population <sup>2</sup>	8,837
Largest City	Baraga
Watershed(s)	Menominee, Portage



### Top Commodities by Volume of Sales<sup>3</sup>

- Cattle and calves
- Other crops and hay
- Fruits, tree nuts, and berries
- Cut Christmas trees
- Short rotation woody crops
- Grains, oilseeds
- Dry beans and dry peas

### Top Commodities by Acreage

- Forage
- Barley
- Layers

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$1,473,000	
Total crop sales	\$783,000	
Total livestock sales	\$690,000	

### Key Michigan Products

Corn, soy, and wheat	52 acres ( .40% of cropland)
Revenue from corn, soy, and wheat	\$
Vegetables	acres ( .00% of cropland)
Revenue from vegetables	\$6,000
Fruit and tree nuts	N/A operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	25 operations

### Agricultural Land

Total number of farms	57
Total farmland <sup>5</sup>	17,732 acres
Forage/pasture/non-crop farmland <sup>6</sup>	4,774 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	4	0.2 %
Food warehouses	2	0.18%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	4	0.16%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	40	0.13%
Retail food establishments	13	0.09%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$20,208,273	0.08%
Emergency food distribution sites <sup>9</sup>	11	0.47%
Pounds distributed	106,429	0.14%
Students eligible for free or reduced school lunch <sup>10</sup>	689	0.09%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,408	0.07%
Total federal funding for SNAP	\$2,226,306	0.07%
Pet population (estimate) <sup>12</sup>	4,818	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### BARRY

Area <sup>1</sup>	553.09 square miles
Population <sup>2</sup>	59,081
Largest City	Hastings
Watershed(s)	Grand, Kalamazoo



#### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Grains, oilseeds, dry beans, and dry peas
- Cattle and calves
- Poultry and eggs
- Nursery, greenhouse, floriculture, and sod
- Other crops and hay
- Horses, ponies, mules, burros, and donkeys

#### Top Commodities by Acreage

- Corn
- Soybeans
- Turkeys

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$140,071,000	
Total crop sales	\$47,415,000	
Total livestock sales	\$92,656,000	9

#### Key Michigan Products

Corn, soy, and wheat	80,761 acres ( 58.43% of cropland)	
Revenue from corn, soy, and wheat	\$42,349,000	
Vegetables	286 acres ( .21% of cropland)	
Revenue from vegetables	\$253,349	
Fruit and tree nuts	18 operations	
Revenue from fruits, tree nuts, and berries	\$76,000	
Dairy farms	29 farms	
Revenue from milk and other dairy	\$42,120,000	10
All animal operations	440 operations	10

#### Agricultural Land

Total number of farms	1,031	
Total farmland <sup>5</sup>	165,185 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	26,964 acres	9
Number of farms using certified organic production	5	
Number of farms transitioning to organic production	15	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	10	0.5 %
Food warehouses	4	0.36%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	2	2.53%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	13	0.51%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants	Carbon Green BioEnergy	

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	151	0.48%
Retail food establishments	61	0.43%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$143,554,815	0.59%
Emergency food distribution sites <sup>9</sup>	11	0.47%
Pounds distributed	847,385	1.1 %
Students eligible for free or reduced school lunch <sup>10</sup>	3,262	0.44%
Households receiving FAP (SNAP) benefits <sup>11</sup>	8,763	0.46%
Total federal funding for SNAP	\$13,855,908	0.46%
Pet population (estimate) <sup>12</sup>	32,211	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

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## Michigan Food and Agricultural Systems Profiles

### BAY

Area <sup>1</sup>	442.30 square miles
Population <sup>2</sup>	107,697
Largest City	Bay City
Watershed(s)	Saginaw, Kawkawlin, Rifle



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Other crops and hay
- Milk and other dairy products from cows
- Nursery, greenhouse, floriculture, and sod
- Cattle and calves

#### Top Commodities by Acreage

- Corn
- Soybeans
- Quail

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$165,295,000	19
Total crop sales	\$157,210,000	13
Total livestock sales	\$8,085,000	

#### Key Michigan Products

Corn, soy, and wheat	119,115 acres ( 64.96% of cropland)	20
Revenue from corn, soy, and wheat	\$87,967,000	18
Vegetables	15,914 acres ( 8.68% of cropland)	6
Revenue from vegetables	\$18,564,000	7
Fruit and tree nuts	12 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	9 farms	
Revenue from milk and other dairy	\$27,059,000	14
All animal operations	109 operations	

#### Agricultural Land

Total number of farms	766	
Total farmland <sup>5</sup>	193,708 acres	19
Forage/pasture/non-crop farmland <sup>6</sup>	10,353 acres	
Number of farms using certified organic production	2	
Number of farms transitioning to organic production	0	
Area of greenhouse/nursery operations (sq. ft)	64,960	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	19	0.95%
Food warehouses	16	1.43%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	45	1.77%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	384	1.22%
Retail food establishments	164	1.15%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$280,767,774	1.15%
Emergency food distribution sites <sup>9</sup>	17	0.73%
Pounds distributed	220,476	0.29%
Students eligible for free or reduced school lunch <sup>10</sup>	7,612	1.04%
Households receiving FAP (SNAP) benefits <sup>11</sup>	20,858	1.09%
Total federal funding for SNAP	\$32,980,319	1.09%
Pet population (estimate) <sup>12</sup>	58,716	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	2

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<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

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## Michigan Food and Agricultural Systems Profiles

### BENZIE

Area <sup>1</sup>	319.70 square miles
Population <sup>2</sup>	17,508
Largest City	Beulah
Watershed(s)	Platte, Betsie



#### Top Commodities by Volume of Sales<sup>3</sup>

- Fruits, tree nuts, and berries
- Other animals and other animal products
- Cattle and calves
- Nursery, greenhouse, floriculture, and sod

#### Top Commodities by Acreage

- Forage
- Tart Cherries
- Bees

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$6,397,000	
Total crop sales	\$3,320,000	
Total livestock sales	\$3,077,000	

#### Key Michigan Products

Corn, soy, and wheat	2,160 acres ( 13.51% of cropland)	
Revenue from corn, soy, and wheat	\$385,000	
Vegetables	104 acres ( .65% of cropland)	
Revenue from vegetables	\$	
Fruit and tree nuts	35 operations	12
Revenue from fruits, tree nuts, and berries	\$1,967,000	15
Dairy farms	N/A farms	
Revenue from milk and other dairy	N/A	
All animal operations	57 operations	

#### Agricultural Land

Total number of farms	181
Total farmland <sup>5</sup>	20,646 acres
Forage/pasture/non-crop farmland <sup>6</sup>	4,656 acres
Number of farms using certified organic production	5
Number of farms transitioning to organic production	19
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	22	1.1 %
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	13	0.51%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	101	0.32%
Retail food establishments	40	0.28%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$48,075,360	0.2 %
Emergency food distribution sites <sup>9</sup>	4	0.19%
Pounds distributed	128,558	0.17%
Students eligible for free or reduced school lunch <sup>10</sup>	1,298	0.18%
Households receiving FAP (SNAP) benefits <sup>11</sup>	2,662	0.14%
Total federal funding for SNAP	\$4,209,110	0.14%
Pet population (estimate) <sup>12</sup>	9,545	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	5
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	6

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### BERRIEN

Area <sup>1</sup>	567.75 square miles
Population <sup>2</sup>	156,781
Largest City	St. Joseph
Watershed(s)	St. Joseph



#### Top Commodities by Volume of Sales<sup>3</sup>

- Fruits, tree nuts, and berries
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Nursery, greenhouse, floriculture, and sod
- Hogs and pigs
- Milk and other dairy products from cows

#### Top Commodities by Acreage

- Corn
- Soybeans
- Hogs

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$161,542,000	20
Total crop sales	\$145,902,000	15
Total livestock sales	\$15,640,000	

#### Key Michigan Products

Corn, soy, and wheat	87,210 acres ( 62.07% of cropland)	
Revenue from corn, soy, and wheat	\$64,506,000	
Vegetables	16,913 acres ( 12.04% of cropland)	5
Revenue from vegetables	\$39,949,400	2
Fruit and tree nuts	252 operations	2
Revenue from fruits, tree nuts, and berries	\$19,825,000	4
Dairy farms	7 farms	
Revenue from milk and other dairy	\$13,039,000	
All animal operations	201 operations	

#### Agricultural Land

Total number of farms	1,063	19
Total farmland <sup>5</sup>	156,418 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	15,911 acres	
Number of farms using certified organic production	10	
Number of farms transitioning to organic production	21	
Area of greenhouse/nursery operations (sq. ft)	143,083	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	5	2.62%
Pesticide storage facilities	3	2.03%

### Processing and Warehousing

Wholesale food processing plants	49	2.45%
Food warehouses	24	2.15%
Controlled atmosphere storage facilities	3	4.55%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	39	1.54%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	589	1.87%
Retail food establishments	271	1.89%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$391,801,398	1.6 %
Emergency food distribution sites <sup>9</sup>	79	3.41%
Pounds distributed	971,650	1.26%
Students eligible for free or reduced school lunch <sup>10</sup>	14,377	1.96%
Households receiving FAP (SNAP) benefits <sup>11</sup>	32,662	1.71%
Total federal funding for SNAP	\$51,644,606	1.71%
Pet population (estimate) <sup>12</sup>	85,477	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	7
U-pick farms/On-farm markets	22
Farms using community Supported Agriculture	15

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### BRANCH

Area <sup>1</sup>	506.37 square miles
Population <sup>2</sup>	45,175
Largest City	Coldwater
Watershed(s)	St. Joseph



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Hogs and pigs
- Milk and other dairy products from cows
- Cattle and calves

### Top Commodities by Acreage

- Corn
- Soybeans
- Broilers

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$175,346,000	17
Total crop sales	\$125,375,000	19
Total livestock sales	\$49,971,000	16

### Key Michigan Products

Corn, soy, and wheat	166,753 acres ( 74.72% of cropland)	10
Revenue from corn, soy, and wheat	\$110,449,000	10
Vegetables	5,436 acres ( 2.44% of cropland)	18
Revenue from vegetables	\$	
Fruit and tree nuts	17 operations	
Revenue from fruits, tree nuts, and berries	\$61,000	
Dairy farms	30 farms	
Revenue from milk and other dairy	\$6,119,000	
All animal operations	328 operations	

### Agricultural Land

Total number of farms	1,054	20
Total farmland <sup>5</sup>	244,208 acres	10
Forage/pasture/non-crop farmland <sup>6</sup>	21,048 acres	
Number of farms using certified organic production	2	
Number of farms transitioning to organic production	0	
Area of greenhouse/nursery operations (sq. ft)	6,000	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	5	0.25%
Food warehouses	10	0.9 %
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	10	0.39%
Rendering facilities	3	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	141	0.45%
Retail food establishments	68	0.48%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$102,518,148	0.42%
Emergency food distribution sites <sup>9</sup>	13	0.56%
Pounds distributed	293,356	0.38%
Students eligible for free or reduced school lunch <sup>10</sup>	3,384	0.46%
Households receiving FAP (SNAP) benefits <sup>11</sup>	8,640	0.45%
Total federal funding for SNAP	\$13,661,423	0.45%
Pet population (estimate) <sup>12</sup>	24,629	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	0
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## CALHOUN

Area <sup>1</sup>	706.23 square miles
Population <sup>2</sup>	136,008
Largest City	Battle Creek
Watershed(s)	Kalamazoo, St. Joseph



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Hogs and pigs
- Milk and other dairy products from cows
- Cattle and calves, Nursery, greenhouse, floriculture, and sod

### Top Commodities by Acreage

- Corn
- Soybeans
- Hogs

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$133,034,000	
Total crop sales	\$86,006,000	
Total livestock sales	\$47,028,000	20

### Key Michigan Products

Corn, soy, and wheat	148,531 acres ( 75.39% of cropland)	16
Revenue from corn, soy, and wheat	\$75,035,000	
Vegetables	378 acres ( .19% of cropland)	
Revenue from vegetables	\$1,909,841	
Fruit and tree nuts	17 operations	
Revenue from fruits, tree nuts, and berries	\$288,000	
Dairy farms	26 farms	
Revenue from milk and other dairy	\$162,586,000	1
All animal operations	326 operations	

### Agricultural Land

Total number of farms	1,023	
Total farmland <sup>5</sup>	224,877 acres	13
Forage/pasture/non-crop farmland <sup>6</sup>	27,860 acres	7
Number of farms using certified organic production	5	
Number of farms transitioning to organic production	0	
Area of greenhouse/nursery operations (sq. ft)	74,408	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	18	0.9 %
Food warehouses	24	2.15%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	24	0.95%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants	The Andersons Albion Ethanol, LLC	

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	446	1.42%
Retail food establishments	206	1.44%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$340,682,970	1.4 %
Emergency food distribution sites <sup>9</sup>	107	4.61%
Pounds distributed	1,521,127	1.97%
Students eligible for free or reduced school lunch <sup>10</sup>	12,035	1.64%
Households receiving FAP (SNAP) benefits <sup>11</sup>	33,684	1.76%
Total federal funding for SNAP	\$53,260,575	1.76%
Pet population (estimate) <sup>12</sup>	74,151	
Port(s) of entry	Battle Creek	

### Local Distribution<sup>13</sup>

Farmers' markets	6
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	12

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### CASS

Area <sup>1</sup>	490.06 square miles
Population <sup>2</sup>	52,195
Largest City	Cassopolis
Watershed(s)	St. Joseph



### Top Commodities by Volume of Sales<sup>3</sup>

- Hogs and pigs
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Fruits, tree nuts, and berries
- Nursery, greenhouse, floriculture, and sod
- Cattle and calves

### Top Commodities by Acreage

- Corn
- Soybeans
- Hogs

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$187,158,000	16
Total crop sales	\$125,673,000	18
Total livestock sales	\$61,485,000	12

### Key Michigan Products

Corn, soy, and wheat	125,618 acres ( 74.37% of cropland)	18
Revenue from corn, soy, and wheat	\$112,825,000	9
Vegetables	7,898 acres ( 4.68% of cropland)	11
Revenue from vegetables	\$7,905,228	15
Fruit and tree nuts	23 operations	20
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	9 farms	
Revenue from milk and other dairy	\$10,360,000	
All animal operations	264 operations	

### Agricultural Land

Total number of farms	798	
Total farmland <sup>5</sup>	188,690 acres	20
Forage/pasture/non-crop farmland <sup>6</sup>	19,786 acres	
Number of farms using certified organic production	1	
Number of farms transitioning to organic production	27	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	8	0.4 %
Food warehouses	0	0.0 %
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	3	6.12%
Meat processing plants (MDARD licensed)	28	1.1 %
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	119	0.38%
Retail food establishments	59	0.41%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$126,587,793	0.52%
Emergency food distribution sites <sup>9</sup>	9	0.37%
Pounds distributed	221,923	0.29%
Students eligible for free or reduced school lunch <sup>10</sup>	3,892	0.53%
Households receiving FAP (SNAP) benefits <sup>11</sup>	10,368	0.54%
Total federal funding for SNAP	\$16,393,707	0.54%
Pet population (estimate) <sup>12</sup>	28,457	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	7

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## CHARLEVOIX

Area <sup>1</sup>	416.34 square miles
Population <sup>2</sup>	25,908
Largest City	Petosky
Watershed(s)	Pine



### Top Commodities by Volume of Sales<sup>3</sup>

- Fruits, tree nuts, and berries
- Milk and other dairy products from cows
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Other crops and hay
- Nursery, greenhouse, floriculture, and sod
- Other animals and other animal products

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$9,917,000	
Total crop sales	\$5,978,000	
Total livestock sales	\$3,939,000	

### Key Michigan Products

Corn, soy, and wheat	3,811 acres ( 13.14% of cropland)	
Revenue from corn, soy, and wheat	\$1,877,000	
Vegetables	336 acres ( 1.16% of cropland)	
Revenue from vegetables	\$598,000	
Fruit and tree nuts	10 operations	
Revenue from fruits, tree nuts, and berries	\$1,548,000	17
Dairy farms	7 farms	
Revenue from milk and other dairy	\$96,723,000	3
All animal operations	111 operations	

### Agricultural Land

Total number of farms	297
Total farmland <sup>5</sup>	37,540 acres
Forage/pasture/non-crop farmland <sup>6</sup>	8,543 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	18	0.9 %
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	11	0.43%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	168	0.53%
Retail food establishments	69	0.48%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$68,398,707	0.28%
Emergency food distribution sites <sup>9</sup>	8	0.34%
Pounds distributed	136,823	0.18%
Students eligible for free or reduced school lunch <sup>10</sup>	1,992	0.27%
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,913	0.2 %
Total federal funding for SNAP	\$6,187,170	0.2 %
Pet population (estimate) <sup>12</sup>	14,125	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# CHEBOYGAN

Area<sup>1</sup> 715.26 square miles  
 Population<sup>2</sup> 26,082  
 Largest City Cheboygan  
 Watershed(s) Cheboygan



## Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Nursery, greenhouse, floriculture, and sod
- Other animals and other animal products
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Poultry and eggs
- Horses, ponies, mules, burros, and donkeys

## Top Commodities by Acreage

- Forage
- Corn
- Cattle

## Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$9,275,000	
Total crop sales	\$5,615,000	
Total livestock sales	\$3,660,000	

## Key Michigan Products

Corn, soy, and wheat	1,768 acres ( 5.42% of cropland)	
Revenue from corn, soy, and wheat	\$556,000	
Vegetables	49 acres ( .15% of cropland)	
Revenue from vegetables	\$187,000	
Fruit and tree nuts	17 operations	
Revenue from fruits, tree nuts, and berries	\$3,127,000	14
Dairy farms	5 farms	
Revenue from milk and other dairy	\$23,503,000	20
All animal operations	127 operations	

## Agricultural Land

Total number of farms	313
Total farmland <sup>5</sup>	45,567 acres
Forage/pasture/non-crop farmland <sup>6</sup>	12,945 acres
Number of farms using certified organic production	1
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	20	1. %
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	3	6.12%
Meat processing plants (MDARD licensed)	23	0.91%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	143	0.45%
Retail food establishments	72	0.5 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$73,257,387	0.3 %
Emergency food distribution sites <sup>9</sup>	5	0.22%
Pounds distributed	145,676	0.19%
Students eligible for free or reduced school lunch <sup>10</sup>	2,031	0.28%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,339	0.28%
Total federal funding for SNAP	\$8,441,937	0.28%
Pet population (estimate) <sup>12</sup>	14,220	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## CHIPPEWA

Area <sup>1</sup>	1,558.42 square miles
Population <sup>2</sup>	38,440
Largest City	Sault Ste. Marie
Watershed(s)	Tahquemenon, Pine, Wiaska, Munuscong, Carp



### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Other crops and hay</li> <li>•Cattle and calves</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Hogs and pigs</li> <li>•Sheep, goats, and their products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Aquaculture</li> </ul> |
|---|---|

### Top Commodities by Acreage

- Forage
- Oats
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$12,566,000	
Total crop sales	\$5,235,000	
Total livestock sales	\$7,331,000	

### Key Michigan Products

Corn, soy, and wheat	136 acres ( .19% of cropland)
Revenue from corn, soy, and wheat	\$49,000
Vegetables	74 acres ( .10% of cropland)
Revenue from vegetables	\$109,000
Fruit and tree nuts	8 operations
Revenue from fruits, tree nuts, and berries	\$35,000
Dairy farms	11 farms
Revenue from milk and other dairy	\$4,744,000
All animal operations	196 operations

### Agricultural Land

Total number of farms	409
Total farmland <sup>5</sup>	93,032 acres
Forage/pasture/non-crop farmland <sup>6</sup>	20,744 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	33
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	13	0.65%
Food warehouses	8	0.72%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	15	0.59%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	175	0.56%
Retail food establishments	66	0.46%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$93,734,166	0.38%
Emergency food distribution sites <sup>9</sup>	40	1.74%
Pounds distributed	304,054	0.39%
Students eligible for free or reduced school lunch <sup>10</sup>	2,552	0.35%
Households receiving FAP (SNAP) benefits <sup>11</sup>	6,193	0.32%
Total federal funding for SNAP	\$9,792,268	0.32%
Pet population (estimate) <sup>12</sup>	20,957	
Port(s) of entry	Sault Ste. Marie Bridge (motor and rail)	

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### CLARE

Area <sup>1</sup>	564.32 square miles
Population <sup>2</sup>	30,995
Largest City	Clare
Watershed(s)	Saginaw, Muskegon



#### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Other crops and hay
- Hogs and pigs
- Poultry and eggs
- Sheep, goats, and their products
- Vegetables, melons, potatoes, and sweet potatoes
- Fruits, tree nuts, and berries

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$20,361,000	
Total crop sales	\$6,172,000	
Total livestock sales	\$14,189,000	

#### Key Michigan Products

Corn, soy, and wheat	8,570 acres ( 19.18% of cropland)
Revenue from corn, soy, and wheat	\$4,124,000
Vegetables	139 acres ( .31% of cropland)
Revenue from vegetables	\$158,438
Fruit and tree nuts	9 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	24 farms
Revenue from milk and other dairy	\$11,784,000
All animal operations	226 operations

#### Agricultural Land

Total number of farms	460
Total farmland <sup>5</sup>	62,506 acres
Forage/pasture/non-crop farmland <sup>6</sup>	17,814 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	6	0.3 %
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	17	0.67%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	123	0.39%
Retail food establishments	75	0.52%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$85,033,293	0.35%
Emergency food distribution sites <sup>9</sup>	4	0.16%
Pounds distributed	192,300	0.25%
Students eligible for free or reduced school lunch <sup>10</sup>	2,905	0.4 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	8,508	0.44%
Total federal funding for SNAP	\$13,452,707	0.44%
Pet population (estimate) <sup>12</sup>	16,898	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### CLINTON

Area <sup>1</sup>	566.41 square miles
Population <sup>2</sup>	75,393
Largest City	Lansing (metropolitan area); St. Johns
Watershed(s)	Grand



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Hogs and pigs</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Cut Christmas trees and short rotation woody crops</li> <li>•Poultry and eggs</li> </ul> |
|--|---|

#### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$262,630,000	8
Total crop sales	\$122,553,000	20
Total livestock sales	\$140,077,000	7

#### Key Michigan Products

Corn, soy, and wheat	166,021 acres ( 73.62% of cropland)	11
Revenue from corn, soy, and wheat	\$106,141,000	12
Vegetables	608 acres ( .27% of cropland)	
Revenue from vegetables	\$2,239,371	
Fruit and tree nuts	21 operations	
Revenue from fruits, tree nuts, and berries	\$270,000	
Dairy farms	66 farms	8
Revenue from milk and other dairy	\$2,199,000	
All animal operations	408 operations	14

#### Agricultural Land

Total number of farms	1,128	14
Total farmland <sup>5</sup>	243,815 acres	11
Forage/pasture/non-crop farmland <sup>6</sup>	18,315 acres	
Number of farms using certified organic production	20	
Number of farms transitioning to organic production	37	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	8	0.4 %
Food warehouses	6	0.54%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	12	0.47%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	167	0.53%
Retail food establishments	71	0.5 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$183,108,306	0.75%
Emergency food distribution sites <sup>9</sup>	12	0.51%
Pounds distributed	251,912	0.33%
Students eligible for free or reduced school lunch <sup>10</sup>	2,607	0.36%
Households receiving FAP (SNAP) benefits <sup>11</sup>	7,162	0.37%
Total federal funding for SNAP	\$11,324,434	0.37%
Pet population (estimate) <sup>12</sup>	41,104	
Port(s) of entry	Capital Region International Airport	

### Local Distribution<sup>13</sup>

Farmers' markets	6
U-pick farms/On-farm markets	4
Farms using community Supported Agriculture	8

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# CRAWFORD

Area<sup>1</sup> 556.28 square miles  
 Population<sup>2</sup> 14,043  
 Largest City Grayling  
 Watershed(s) Au Sable, Manistee



## Top Commodities by Volume of Sales<sup>3</sup>

- Horses, ponies, mules, burros, and donkeys
- Sheep, goats, and their products
- Nursery, greenhouse, floriculture, and sod
- Other crops and hay
- Hogs and pigs

## Top Commodities by Acreage

- Forage
- Christmas Trees
- Deer

## Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$260,000	
Total crop sales	\$70,000	
Total livestock sales	\$190,000	

## Key Michigan Products

Corn, soy, and wheat	41 acres ( 3.05% of cropland)
Revenue from corn, soy, and wheat	\$15,000
Vegetables	24 acres ( 1.78% of cropland)
Revenue from vegetables	\$10,000
Fruit and tree nuts	N/A operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	22 operations

## Agricultural Land

Total number of farms	49
Total farmland <sup>5</sup>	2,755 acres
Forage/pasture/non-crop farmland <sup>6</sup>	1,409 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	4	0.2 %
Food warehouses	2	0.18%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	6	0.24%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	48	0.15%
Retail food establishments	29	0.2 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$37,852,953	0.16%
Emergency food distribution sites <sup>9</sup>	4	0.15%
Pounds distributed	19,758	0.03%
Students eligible for free or reduced school lunch <sup>10</sup>	1,027	0.14%
Households receiving FAP (SNAP) benefits <sup>11</sup>	2,956	0.15%
Total federal funding for SNAP	\$4,673,978	0.15%
Pet population (estimate) <sup>12</sup>	7,656	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# Michigan Food and Agricultural Systems Profiles

## DELTA

Area <sup>1</sup>	1,171.10 square miles
Population <sup>2</sup>	37,060
Largest City	Escanaba
Watershed(s)	Sturgeon, Whitefish, Rapid, Days, Escanaba, Ford



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> </ul> | <ul style="list-style-type: none"> <li>•Hogs and pigs</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Poultry and eggs</li> <li>•Sheep, goats, and their products</li> </ul> |
|--|---|

### Top Commodities by Acreage

- Forage
- Corn
- Mink

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$14,966,000	
Total crop sales	\$7,632,000	
Total livestock sales	\$7,334,000	

### Key Michigan Products

Corn, soy, and wheat	3,935 acres ( 7.20% of cropland)
Revenue from corn, soy, and wheat	\$1,762,000
Vegetables	889 acres ( 1.63% of cropland)
Revenue from vegetables	\$2,411,000
Fruit and tree nuts	11 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	22 farms
Revenue from milk and other dairy	\$8,145,000
All animal operations	126 operations

### Agricultural Land

Total number of farms	283
Total farmland <sup>5</sup>	70,832 acres
Forage/pasture/non-crop farmland <sup>6</sup>	16,166 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	16	0.8 %
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	20	0.79%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	162	0.51%
Retail food establishments	60	0.42%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$102,741,903	0.42%
Emergency food distribution sites <sup>9</sup>	8	0.36%
Pounds distributed	49,509	0.06%
Students eligible for free or reduced school lunch <sup>10</sup>	2,658	0.36%
Households receiving FAP (SNAP) benefits <sup>11</sup>	6,628	0.35%
Total federal funding for SNAP	\$10,480,082	0.35%
Pet population (estimate) <sup>12</sup>	20,205	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	5
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## DICKINSON

Area <sup>1</sup>	761.40 square miles
Population <sup>2</sup>	26,158
Largest City	Iron Mountain
Watershed(s)	Menominee, Escanaba, Ford



### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Other animals and other animal products
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Fruits, tree nuts, and berries
- Sheep, goats, and their products

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$5,631,000	
Total crop sales	\$2,904,000	
Total livestock sales	\$2,727,000	

### Key Michigan Products

Corn, soy, and wheat	1,613 acres ( 6.81% of cropland)
Revenue from corn, soy, and wheat	\$607,000
Vegetables	501 acres ( 2.12% of cropland)
Revenue from vegetables	\$1,502,000
Fruit and tree nuts	9 operations
Revenue from fruits, tree nuts, and berries	\$44,000
Dairy farms	6 farms
Revenue from milk and other dairy	\$2,717,000
All animal operations	70 operations

### Agricultural Land

Total number of farms	162
Total farmland <sup>5</sup>	28,614 acres
Forage/pasture/non-crop farmland <sup>6</sup>	4,944 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	6	0.3 %
Food warehouses	10	0.9 %
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	11	0.43%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	136	0.43%
Retail food establishments	40	0.28%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$72,381,546	0.3 %
Emergency food distribution sites <sup>9</sup>	11	0.47%
Pounds distributed	168,128	0.22%
Students eligible for free or reduced school lunch <sup>10</sup>	1,626	0.22%
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,741	0.2 %
Total federal funding for SNAP	\$5,915,206	0.2 %
Pet population (estimate) <sup>12</sup>	14,261	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### EATON

Area <sup>1</sup>	575.18 square miles
Population <sup>2</sup>	107,847
Largest City	Lansing (metropolitan area); Charlotte
Watershed(s)	Grand, Kalamazoo



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Cattle and calves
- Vegetables, melons, potatoes, and sweet potatoes
- Nursery, greenhouse, floriculture, and sod
- Other crops and hay
- Hogs and pigs
- Horses, ponies, mules, burros, and donkeys
- Fruits, tree nuts, and berries
- Cut Christmas trees and short rotation woody crops
- Sheep, goats, and their products
- Poultry and eggs

#### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$119,049,000	
Total crop sales	\$99,774,000	
Total livestock sales	\$19,275,000	

#### Key Michigan Products

Corn, soy, and wheat	151,612 acres ( 75.99% of cropland)	15
Revenue from corn, soy, and wheat	\$94,040,000	16
Vegetables	614 acres ( .31% of cropland)	
Revenue from vegetables	\$2,283,260	
Fruit and tree nuts	4 operations	
Revenue from fruits, tree nuts, and berries	\$3,000	
Dairy farms	37 farms	
Revenue from milk and other dairy	\$25,522,000	17
All animal operations	411 operations	13

#### Agricultural Land

Total number of farms	1,163	10
Total farmland <sup>5</sup>	223,239 acres	15
Forage/pasture/non-crop farmland <sup>6</sup>	23,722 acres	15
Number of farms using certified organic production	6	
Number of farms transitioning to organic production	45	
Area of greenhouse/nursery operations (sq. ft)	21,000	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	28	1.4 %
Food warehouses	17	1.52%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	14	0.55%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	334	1.06%
Retail food establishments	140	0.98%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$276,816,900	1.13%
Emergency food distribution sites <sup>9</sup>	19	0.8 %
Pounds distributed	484,650	0.63%
Students eligible for free or reduced school lunch <sup>10</sup>	6,000	0.82%
Households receiving FAP (SNAP) benefits <sup>11</sup>	14,008	0.73%
Total federal funding for SNAP	\$22,149,214	0.73%
Pet population (estimate) <sup>12</sup>	58,798	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	5
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	12

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

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<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### EMMET

Area <sup>1</sup>	467.49 square miles
Population <sup>2</sup>	32,660
Largest City	Petosky
Watershed(s)	Cheboygan



#### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Nursery, greenhouse, floriculture, and sod
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Other animals and other animal products
- Sheep, goats, and their products

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$6,724,000	
Total crop sales	\$4,444,000	
Total livestock sales	\$2,280,000	

#### Key Michigan Products

Corn, soy, and wheat	1,712 acres ( 6.29% of cropland)
Revenue from corn, soy, and wheat	\$637,000
Vegetables	467 acres ( 1.72% of cropland)
Revenue from vegetables	\$1,239,836
Fruit and tree nuts	7 operations
Revenue from fruits, tree nuts, and berries	\$27,000
Dairy farms	5 farms
Revenue from milk and other dairy	\$3,497,000
All animal operations	146 operations

#### Agricultural Land

Total number of farms	287
Total farmland <sup>5</sup>	39,805 acres
Forage/pasture/non-crop farmland <sup>6</sup>	12,578 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	47
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	30	1.5 %
Food warehouses	12	1.08%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	32	1.26%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	2	0.01%
Retail food establishments	95	0.66%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$86,567,613	0.35%
Emergency food distribution sites <sup>9</sup>	15	0.64%
Pounds distributed	529,079	0.68%
Students eligible for free or reduced school lunch <sup>10</sup>	1,977	0.27%
Households receiving FAP (SNAP) benefits <sup>11</sup>	4,895	0.26%
Total federal funding for SNAP	\$7,739,892	0.26%
Pet population (estimate) <sup>12</sup>	17,806	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### GENESEE

Area <sup>1</sup>	636.98 square miles
Population <sup>2</sup>	424,969
Largest City	Flint
Watershed(s)	Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Nursery, greenhouse, floriculture, and sod
- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Fruits, tree nuts, and berries
- Vegetables, melons, potatoes, and sweet potatoes
- Other animals and other animal products
- Horses, ponies, mules, burros, and donkeys
- Cut Christmas trees and short rotation woody crops
- Hogs and pigs
- Poultry and eggs
- Sheep, goats, and their products
- Aquaculture

#### Top Commodities by Acreage

- Soybeans
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$91,340,000	
Total crop sales	\$81,039,000	
Total livestock sales	\$10,301,000	

#### Key Michigan Products

Corn, soy, and wheat	80,123 acres ( 72.92% of cropland)
Revenue from corn, soy, and wheat	\$52,211,000
Vegetables	573 acres ( .52% of cropland)
Revenue from vegetables	\$2,500,278
Fruit and tree nuts	13 operations
Revenue from fruits, tree nuts, and berries	\$242,000
Dairy farms	14 farms
Revenue from milk and other dairy	(D)
All animal operations	282 operations

#### Agricultural Land

Total number of farms	835
Total farmland <sup>5</sup>	123,276 acres
Forage/pasture/non-crop farmland <sup>6</sup>	13,394 acres
Number of farms using certified organic production	6
Number of farms transitioning to organic production	49
Area of greenhouse/nursery operations (sq. ft)	13,210

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	43	2.15%
Food warehouses	33	2.96%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	67	2.64%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	1222	3.88%
Retail food establishments	925	6.46%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$1,063,705,698	4.36%
Emergency food distribution sites <sup>9</sup>	148	6.37%
Pounds distributed	7,066,717	9.14%
Students eligible for free or reduced school lunch <sup>10</sup>	39,513	5.39%
Households receiving FAP (SNAP) benefits <sup>11</sup>	114,048	5.96%
Total federal funding for SNAP	\$180,330,781	5.96%
Pet population (estimate) <sup>12</sup>	231,692	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	6
U-pick farms/On-farm markets	4
Farms using community Supported Agriculture	11

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### GLADWIN

Area <sup>1</sup>	501.78 square miles
Population <sup>2</sup>	25,720
Largest City	Gladwin
Watershed(s)	Saginaw, Kawkawlin



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Other crops and hay
- Cattle and calves
- Other animals and other animal products
- Vegetables, melons, potatoes, and sweet potatoes
- Sheep, goats, and their products
- Hogs and pigs
- Nursery, greenhouse, floriculture, and sod
- Horses, ponies, mules, burros, and donkeys
- Poultry and eggs
- Fruits, tree nuts, and berries
- Cut Christmas trees and short rotation woody crops

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$19,347,000	
Total crop sales	\$13,658,000	
Total livestock sales	\$5,689,000	

#### Key Michigan Products

Corn, soy, and wheat	14,588 acres ( 27.54% of cropland)	
Revenue from corn, soy, and wheat	\$9,133,000	
Vegetables	523 acres ( .99% of cropland)	
Revenue from vegetables	\$723,000	
Fruit and tree nuts	9 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	37 farms	20
Revenue from milk and other dairy	\$3,668,000	
All animal operations	250 operations	

#### Agricultural Land

Total number of farms	533
Total farmland <sup>5</sup>	67,150 acres
Forage/pasture/non-crop farmland <sup>6</sup>	14,176 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	51
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	1	0.05%
Food warehouses	0	0.0 %
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	11	0.43%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	86	0.27%
Retail food establishments	47	0.33%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$71,032,623	0.29%
Emergency food distribution sites <sup>9</sup>	3	0.11%
Pounds distributed	271,063	0.35%
Students eligible for free or reduced school lunch <sup>10</sup>	1,963	0.27%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,533	0.29%
Total federal funding for SNAP	\$8,748,687	0.29%
Pet population (estimate) <sup>12</sup>	14,022	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## GOGEBIC

Area <sup>1</sup>	1,101.85 square miles
Population <sup>2</sup>	16,394
Largest City	Ironwood
Watershed(s)	Ontonagon, Black, Presque Isle, Montreal



### Top Commodities by Volume of Sales<sup>3</sup>

- Cattle and calves
- Hogs and pigs
- Grains, oilseeds, dry beans, and dry peas

### Top Commodities by Acreage

- Forage
- Christmas Trees
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$497,000	
Total crop sales	\$362,000	
Total livestock sales	\$135,000	

### Key Michigan Products

Corn, soy, and wheat	44 acres ( .98% of cropland)
Revenue from corn, soy, and wheat	\$30,000
Vegetables	acres ( .00% of cropland)
Revenue from vegetables	\$
Fruit and tree nuts	2 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	24 operations

### Agricultural Land

Total number of farms	62
Total farmland <sup>5</sup>	6,078 acres
Forage/pasture/non-crop farmland <sup>6</sup>	1,581 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	2	0.1 %
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	10	0.39%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	91	0.29%
Retail food establishments	27	0.19%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$46,246,962	0.19%
Emergency food distribution sites <sup>9</sup>	6	0.26%
Pounds distributed	100,321	0.13%
Students eligible for free or reduced school lunch <sup>10</sup>	1,030	0.14%
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,214	0.17%
Total federal funding for SNAP	\$5,081,923	0.17%
Pet population (estimate) <sup>12</sup>	8,938	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	0
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## GRAND TRAVERSE

Area <sup>1</sup>	464.33 square miles
Population <sup>2</sup>	86,999
Largest City	Traverse City
Watershed(s)	Boardman, Betsie, Platte, Elk



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Horses, ponies, mules, burros, and donkeys</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|--|---|

### Top Commodities by Acreage

- Forage
- Corn
- Bees

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$18,246,000	
Total crop sales	\$13,927,000	
Total livestock sales	\$4,319,000	

### Key Michigan Products

Corn, soy, and wheat	11,015 acres ( 24.68% of cropland)	
Revenue from corn, soy, and wheat	\$4,330,000	
Vegetables	760 acres ( 1.70% of cropland)	
Revenue from vegetables	\$706,770	
Fruit and tree nuts	138 operations	4
Revenue from fruits, tree nuts, and berries	\$6,159,000	9
Dairy farms	5 farms	
Revenue from milk and other dairy	(D)	
All animal operations	154 operations	

### Agricultural Land

Total number of farms	504
Total farmland <sup>5</sup>	54,558 acres
Forage/pasture/non-crop farmland <sup>6</sup>	9,925 acres
Number of farms using certified organic production	3
Number of farms transitioning to organic production	55
Area of greenhouse/nursery operations (sq. ft)	12,360

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	76	3.81%
Food warehouses	29	2.6 %
Controlled atmosphere storage facilities	1	1.52%
Dairy processing plants	4	5.06%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	52	2.05%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	368	1.17%
Retail food establishments	172	1.2 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$219,676,266	0.9 %
Emergency food distribution sites <sup>9</sup>	19	0.81%
Pounds distributed	380,471	0.49%
Students eligible for free or reduced school lunch <sup>10</sup>	5,434	0.74%
Households receiving FAP (SNAP) benefits <sup>11</sup>	12,798	0.67%
Total federal funding for SNAP	\$20,235,983	0.67%
Pet population (estimate) <sup>12</sup>	47,432	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	8
U-pick farms/On-farm markets	6
Farms using community Supported Agriculture	8

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### GRATIOT

Area <sup>1</sup>	568.46 square miles
Population <sup>2</sup>	42,411
Largest City	Ithaca
Watershed(s)	Saginaw, Grand



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Horses, ponies, mules, burros, and donkeys</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|--|---|

#### Top Commodities by Acreage

- Corn
- Soybeans
- Pullets

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$345,033,000	6
Total crop sales	\$199,091,000	6
Total livestock sales	\$145,942,000	5

#### Key Michigan Products

Corn, soy, and wheat	205,297 acres ( 75.02% of cropland)	5
Revenue from corn, soy, and wheat	\$163,884,000	4
Vegetables	7,410 acres ( 2.71% of cropland)	12
Revenue from vegetables	\$5,399,000	20
Fruit and tree nuts	5 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	32 farms	
Revenue from milk and other dairy	\$2,682,000	
All animal operations	268 operations	

#### Agricultural Land

Total number of farms	878	
Total farmland <sup>5</sup>	289,376 acres	6
Forage/pasture/non-crop farmland <sup>6</sup>	15,709 acres	
Number of farms using certified organic production	12	
Number of farms transitioning to organic production	57	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	7	3.66%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	6	0.3 %
Food warehouses	2	0.18%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	21	0.83%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	138	0.44%
Retail food establishments	78	0.54%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$94,111,353	0.39%
Emergency food distribution sites <sup>9</sup>	10	0.44%
Pounds distributed	210,803	0.27%
Students eligible for free or reduced school lunch <sup>10</sup>	4,059	0.55%
Households receiving FAP (SNAP) benefits <sup>11</sup>	7,756	0.41%
Total federal funding for SNAP	\$12,263,657	0.41%
Pet population (estimate) <sup>12</sup>	23,122	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## HILLSDALE

Area <sup>1</sup>	598.13 square miles
Population <sup>2</sup>	46,600
Largest City	Hillsdale
Watershed(s)	St. Joseph, Maumee



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Hogs and pigs
- Cattle and calves
- Fruits, tree nuts, and berries
- Horses, ponies, mules, burros, and donkeys
- Sheep, goats, and their products
- Vegetables, melons, potatoes, and sweet potatoes
- Other animals and other animal products
- Poultry and eggs

### Top Commodities by Acreage

- Corn
- Soybeans
- Hogs

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$161,533,000	
Total crop sales	\$115,914,000	
Total livestock sales	\$45,619,000	

### Key Michigan Products

Corn, soy, and wheat	162,548 acres ( 69.37% of cropland)	13
Revenue from corn, soy, and wheat	\$94,911,000	15
Vegetables	286 acres ( .12% of cropland)	
Revenue from vegetables	\$	
Fruit and tree nuts	10 operations	
Revenue from fruits, tree nuts, and berries	\$615,000	20
Dairy farms	66 farms	7
Revenue from milk and other dairy	\$1,031,000	
All animal operations	498 operations	3

### Agricultural Land

Total number of farms	1,530	2
Total farmland <sup>5</sup>	262,363 acres	8
Forage/pasture/non-crop farmland <sup>6</sup>	28,042 acres	6
Number of farms using certified organic production	6	
Number of farms transitioning to organic production	0	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	3	2.03%

### Processing and Warehousing

Wholesale food processing plants	11	0.55%
Food warehouses	6	0.54%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	13	0.51%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	139	0.44%
Retail food establishments	65	0.45%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$112,241,901	0.46%
Emergency food distribution sites <sup>9</sup>	18	0.78%
Pounds distributed	538,311	0.7 %
Students eligible for free or reduced school lunch <sup>10</sup>	3,697	0.5 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	8,724	0.46%
Total federal funding for SNAP	\$13,794,242	0.46%
Pet population (estimate) <sup>12</sup>	25,406	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# HOUGHTON

Area<sup>1</sup> 1,009.10 square miles  
 Population<sup>2</sup> 36,704  
 Largest City Houghton  
 Watershed(s) Portage



## Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Other crops and hay
- Cattle and calves
- Nursery, greenhouse, floriculture, and sod
- Fruits, tree nuts, and berries
- Vegetables, melons, potatoes, and sweet potatoes
- Other animals and other animal products
- Horses, ponies, mules, burros, and donkeys
- Grains, oilseeds, dry beans, and dry peas
- Poultry and eggs
- Hogs and pigs
- Sheep, goats, and their products
- Cut Christmas trees and short rotation woody crops

## Top Commodities by Acreage

- Forage
- Barley
- Cattle

## Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$4,014,000	
Total crop sales	\$2,126,000	
Total livestock sales	\$1,888,000	

## Key Michigan Products

Corn, soy, and wheat	444 acres ( 2.15% of cropland)	
Revenue from corn, soy, and wheat	\$239,000	
Vegetables	98 acres ( .48% of cropland)	
Revenue from vegetables	\$136,000	
Fruit and tree nuts	28 operations	16
Revenue from fruits, tree nuts, and berries	\$242,000	
Dairy farms	6 farms	
Revenue from milk and other dairy	\$637,000	
All animal operations	61 operations	

## Agricultural Land

Total number of farms	177
Total farmland <sup>5</sup>	27,194 acres
Forage/pasture/non-crop farmland <sup>6</sup>	6,573 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	61
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	13	0.65%
Food warehouses	12	1.08%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	12	0.47%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	180	0.57%
Retail food establishments	55	0.38%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$90,333,090	0.37%
Emergency food distribution sites <sup>9</sup>	27	1.16%
Pounds distributed	347,920	0.45%
Students eligible for free or reduced school lunch <sup>10</sup>	2,682	0.37%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,561	0.29%
Total federal funding for SNAP	\$8,792,960	0.29%
Pet population (estimate) <sup>12</sup>	20,011	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	4
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	2

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### HURON

Area <sup>1</sup>	835.71 square miles
Population <sup>2</sup>	33,082
Largest City	Bad Axe
Watershed(s)	Willow, Pigeon, Sebawaing



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Nursery, greenhouse, floriculture, and sod</li> </ul> | <ul style="list-style-type: none"> <li>•Other animals and other animal products</li> <li>•Fruits, tree nuts, and berries</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Sheep, goats, and their products</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|--|--|

#### Top Commodities by Acreage

- Corn
- Dry Beans
- Layers

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$654,565,000	1
Total crop sales	\$334,344,000	1
Total livestock sales	\$320,221,000	2

#### Key Michigan Products

Corn, soy, and wheat	232,826 acres ( 54.38% of cropland)	3
Revenue from corn, soy, and wheat	\$176,231,000	2
Vegetables	233 acres ( .05% of cropland)	
Revenue from vegetables	\$1,179,000	
Fruit and tree nuts	11 operations	
Revenue from fruits, tree nuts, and berries	\$44,000	
Dairy farms	88 farms	3
Revenue from milk and other dairy	\$599,000	
All animal operations	392 operations	17

#### Agricultural Land

Total number of farms	1,205	9
Total farmland <sup>5</sup>	452,370 acres	2
Forage/pasture/non-crop farmland <sup>6</sup>	24,204 acres	14
Number of farms using certified organic production	8	
Number of farms transitioning to organic production	63	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	13	6.81%
Pesticide storage facilities	9	6.08%

### Processing and Warehousing

Wholesale food processing plants	22	1.1 %
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	22	0.87%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	171	0.54%
Retail food establishments	74	0.52%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$89,578,716	0.37%
Emergency food distribution sites <sup>9</sup>	3	0.14%
Pounds distributed	189,768	0.25%
Students eligible for free or reduced school lunch <sup>10</sup>	2,274	0.31%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,195	0.27%
Total federal funding for SNAP	\$8,214,247	0.27%
Pet population (estimate) <sup>12</sup>	18,036	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	3

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# Michigan Food and Agricultural Systems Profiles

## INGHAM

Area<sup>1</sup> 556.12 square miles  
 Population<sup>2</sup> 280,849  
 Largest City Lansing  
 Watershed(s) Grand River, Huron River



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Nursery, greenhouse, floriculture, and sod
- Cattle and calves
- Vegetables, melons, potatoes, and sweet potatoes
- Hogs and pigs
- Other crops and hay
- Fruits, tree nuts, and berries
- Sheep, goats, and their products
- Poultry and eggs

### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$131,340,000	
Total crop sales	\$101,658,000	
Total livestock sales	\$29,682,000	

### Key Michigan Products

Corn, soy, and wheat	143,834 acres ( 79.09% of cropland)	17
Revenue from corn, soy, and wheat	\$88,914,000	17
Vegetables	452 acres ( .25% of cropland)	
Revenue from vegetables	\$1,245,320	
Fruit and tree nuts	20 operations	
Revenue from fruits, tree nuts, and berries	\$55,000	
Dairy farms	30 farms	
Revenue from milk and other dairy	(D)	
All animal operations	384 operations	18

### Agricultural Land

Total number of farms	944	
Total farmland <sup>5</sup>	200,578 acres	18
Forage/pasture/non-crop farmland <sup>6</sup>	18,708 acres	
Number of farms using certified organic production	4	
Number of farms transitioning to organic production	65	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	7	3.66%
Pesticide storage facilities	4	2.7 %

### Processing and Warehousing

Wholesale food processing plants	88	4.41%
Food warehouses	27	2.42%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	3	3.8 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	50	1.97%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	1015	3.22%
Retail food establishments	370	2.59%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$693,288,885	2.84%
Emergency food distribution sites <sup>9</sup>	98	4.2 %
Pounds distributed	2,313,758	2.99%
Students eligible for free or reduced school lunch <sup>10</sup>	19,973	2.72%
Households receiving FAP (SNAP) benefits <sup>11</sup>	58,204	3.04%
Total federal funding for SNAP	\$92,031,187	3.04%
Pet population (estimate) <sup>12</sup>	153,118	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	14
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	10

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### IONIA

Area <sup>1</sup>	571.30 square miles
Population <sup>2</sup>	63,854
Largest City	Ionia
Watershed(s)	Grand, Huron



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Fruits, tree nuts, and berries</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> </ul> | <ul style="list-style-type: none"> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Sheep, goats and their products</li> <li>•Other animals and other animal products</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|--|---|

### Top Commodities by Acreage

- Corn
- Soybeans
- Layers

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$406,147,000	5
Total crop sales	\$128,514,000	17
Total livestock sales	\$277,633,000	3

### Key Michigan Products

Corn, soy, and wheat	163,149 acres ( 73.83% of cropland)	12
Revenue from corn, soy, and wheat	\$114,909,000	8
Vegetables	2,339 acres ( 1.06% of cropland)	
Revenue from vegetables	\$3,640,151	
Fruit and tree nuts	17 operations	
Revenue from fruits, tree nuts, and berries	\$1,576,000	16
Dairy farms	63 farms	9
Revenue from milk and other dairy	\$82,365,000	4
All animal operations	468 operations	6

### Agricultural Land

Total number of farms	1,109	17
Total farmland <sup>5</sup>	248,418 acres	9
Forage/pasture/non-crop farmland <sup>6</sup>	27,441 acres	8
Number of farms using certified organic production	12	
Number of farms transitioning to organic production	67	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	14	0.7 %
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	3	4.55%
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	25	0.99%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	164	0.52%
Retail food establishments	75	0.52%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$143,510,064	0.59%
Emergency food distribution sites <sup>9</sup>	15	0.62%
Pounds distributed	297,479	0.38%
Students eligible for free or reduced school lunch <sup>10</sup>	5,490	0.75%
Households receiving FAP (SNAP) benefits <sup>11</sup>	10,605	0.55%
Total federal funding for SNAP	\$16,768,448	0.55%
Pet population (estimate) <sup>12</sup>	34,813	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### IOSCO

Area <sup>1</sup>	549.10 square miles
Population <sup>2</sup>	25,809
Largest City	Tawas City
Watershed(s)	Au Gres, Au Sable



### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Other crops and hay
- Nursery, greenhouse, floriculture, and sod
- Fruits, tree nuts, and berries
- Sheep, goats, and their products
- Vegetables, melons, potatoes, and sweet potatoes
- Poultry and eggs
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Cut Christmas trees and short rotation woody crops

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$17,083,000	
Total crop sales	\$6,226,000	
Total livestock sales	\$10,857,000	

### Key Michigan Products

Corn, soy, and wheat	8,431 acres ( 28.69% of cropland)
Revenue from corn, soy, and wheat	\$4,540,000
Vegetables	319 acres ( 1.09% of cropland)
Revenue from vegetables	\$246,000
Fruit and tree nuts	12 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	16 farms
Revenue from milk and other dairy	\$2,831,000
All animal operations	116 operations

### Agricultural Land

Total number of farms	283
Total farmland <sup>5</sup>	37,996 acres
Forage/pasture/non-crop farmland <sup>6</sup>	8,608 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	2	0.1 %
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	37	1.46%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	128	0.41%
Retail food establishments	64	0.45%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$69,543,054	0.28%
Emergency food distribution sites <sup>9</sup>	5	0.19%
Pounds distributed	438,071	0.57%
Students eligible for free or reduced school lunch <sup>10</sup>	2,893	0.39%
Households receiving FAP (SNAP) benefits <sup>11</sup>	6,263	0.33%
Total federal funding for SNAP	\$9,902,950	0.33%
Pet population (estimate) <sup>12</sup>	14,071	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### IRON

Area <sup>1</sup>	1,166.15 square miles
Population <sup>2</sup>	11,809
Largest City	Crystal Falls
Watershed(s)	Menominee, Ontonagon, Portage



#### Top Commodities by Volume of Sales<sup>3</sup>

- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Poultry and eggs
- Hogs and pigs
- Sheep, goats, and their products

#### Top Commodities by Acreage

- Forage
- Vegetables
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$3,653,000	
Total crop sales	\$3,188,000	
Total livestock sales	\$465,000	

#### Key Michigan Products

Corn, soy, and wheat	282 acres ( 1.61% of cropland)
Revenue from corn, soy, and wheat	\$140,000
Vegetables	584 acres ( 3.34% of cropland)
Revenue from vegetables	\$2,441,000
Fruit and tree nuts	6 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	48 operations

#### Agricultural Land

Total number of farms	117
Total farmland <sup>5</sup>	22,939 acres
Forage/pasture/non-crop farmland <sup>6</sup>	5,430 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	6	0.3 %
Food warehouses	2	0.18%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	10	0.39%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	59	0.19%
Retail food establishments	25	0.17%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$33,729,468	0.14%
Emergency food distribution sites <sup>9</sup>	4	0.15%
Pounds distributed	184,657	0.24%
Students eligible for free or reduced school lunch <sup>10</sup>	778	0.11%
Households receiving FAP (SNAP) benefits <sup>11</sup>	2,005	0.1 %
Total federal funding for SNAP	\$3,170,272	0.1 %
Pet population (estimate) <sup>12</sup>	6,438	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### ISABELLA

Area <sup>1</sup>	572.68 square miles
Population <sup>2</sup>	70,311
Largest City	Mount Pleasant
Watershed(s)	Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Vegetables, melons, potatoes, and sweet potatoes
- Hogs and pigs
- Nursery, greenhouse, floriculture, and sod
- Fruits, tree nuts, and berries
- Horses, ponies, mules, burros, and donkeys
- Other animals and other animal products
- Sheep, goats, and their products
- Cut Christmas trees and short rotation woody crops

#### Top Commodities by Acreage

- Soybeans
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$119,400,000	
Total crop sales	\$78,428,000	
Total livestock sales	\$40,972,000	

#### Key Michigan Products

Corn, soy, and wheat	107,841 acres ( 63.73% of cropland)	
Revenue from corn, soy, and wheat	\$71,283,000	
Vegetables	1,072 acres ( .63% of cropland)	
Revenue from vegetables	\$265,000	
Fruit and tree nuts	13 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	41 farms	13
Revenue from milk and other dairy	\$66,145,000	7
All animal operations	330 operations	

#### Agricultural Land

Total number of farms	928
Total farmland <sup>5</sup>	188,465 acres
Forage/pasture/non-crop farmland <sup>6</sup>	19,261 acres
Number of farms using certified organic production	10
Number of farms transitioning to organic production	73
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	4	2.09%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	15	0.75%
Food warehouses	8	0.72%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	2	4.08%
Meat processing plants (MDARD licensed)	32	1.26%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	210	0.67%
Retail food establishments	90	0.63%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$158,239,536	0.65%
Emergency food distribution sites <sup>9</sup>	4	0.19%
Pounds distributed	425,214	0.55%
Students eligible for free or reduced school lunch <sup>10</sup>	2,798	0.38%
Households receiving FAP (SNAP) benefits <sup>11</sup>	14,702	0.77%
Total federal funding for SNAP	\$23,246,555	0.77%
Pet population (estimate) <sup>12</sup>	38,333	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### JACKSON

Area <sup>1</sup>	701.67 square miles
Population <sup>2</sup>	160,150
Largest City	Jackson
Watershed(s)	Grand, Kalamazoo, Raisin



#### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Poultry and eggs</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Sheep, goats, and their products</li> </ul> | <ul style="list-style-type: none"> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Fruits, tree nuts, and berries</li> <li>•Hogs and pigs</li> <li>•Poultry and eggs</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|---|---|

#### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$78,186,000	
Total crop sales	\$54,110,000	
Total livestock sales	\$24,076,000	

#### Key Michigan Products

Corn, soy, and wheat	105,878 acres ( 69.92% of cropland)	
Revenue from corn, soy, and wheat	\$48,608,000	
Vegetables	756 acres ( .50% of cropland)	
Revenue from vegetables	\$928,000	
Fruit and tree nuts	20 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	21 farms	
Revenue from milk and other dairy	\$13,868,000	
All animal operations	424 operations	11

#### Agricultural Land

Total number of farms	1,073	18
Total farmland <sup>5</sup>	183,111 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	31,676 acres	2
Number of farms using certified organic production	1	
Number of farms transitioning to organic production	75	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	23	1.15%
Food warehouses	11	0.99%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	41	1.62%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	435	1.38%
Retail food establishments	233	1.63%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$383,253,957	1.57%
Emergency food distribution sites <sup>9</sup>	34	1.46%
Pounds distributed	935,509	1.21%
Students eligible for free or reduced school lunch <sup>10</sup>	12,928	1.76%
Households receiving FAP (SNAP) benefits <sup>11</sup>	31,329	1.64%
Total federal funding for SNAP	\$49,536,888	1.64%
Pet population (estimate) <sup>12</sup>	87,313	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	9

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### KALAMAZOO

Area <sup>1</sup>	561.66 square miles
Population <sup>2</sup>	250,758
Largest City	Kalamazoo
Watershed(s)	Kalamazoo, St. Joseph



#### Top Commodities by Volume of Sales<sup>3</sup>

- Nursery, greenhouse, floriculture, and sod
- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Hogs and pigs
- Other animals and other animal products
- Cattle and calves
- Vegetables, melons, potatoes, and sweet potatoes
- Fruits, tree nuts, and berries
- Other crops and hay
- Horses, ponies, mules, burros, and donkeys
- Sheep, goats, and their products
- Cut Christmas trees and short rotation woody crops

#### Top Commodities by Acreage

- Corn
- Soybeans
- Hogs

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$243,969,000	9
Total crop sales	\$194,521,000	7
Total livestock sales	\$49,448,000	17

#### Key Michigan Products

Corn, soy, and wheat	95,559 acres ( 75.54% of cropland)
Revenue from corn, soy, and wheat	\$72,796,000
Vegetables	3,831 acres ( 3.03% of cropland)
Revenue from vegetables	\$3,314,000
Fruit and tree nuts	21 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	9 farms
Revenue from milk and other dairy	\$19,384,000
All animal operations	267 operations

#### Agricultural Land

Total number of farms	734
Total farmland <sup>5</sup>	143,540 acres
Forage/pasture/non-crop farmland <sup>6</sup>	17,044 acres
Number of farms using certified organic production	4
Number of farms transitioning to organic production	77
Area of greenhouse/nursery operations (sq. ft)	52,200

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	3	2.03%

### Processing and Warehousing

Wholesale food processing plants	51	2.56%
Food warehouses	35	3.14%
Controlled atmosphere storage facilities	6	9.09%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	49	1.93%
Rendering facilities	2	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	822	2.61%
Retail food establishments	301	2.1 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$637,509,960	2.61%
Emergency food distribution sites <sup>9</sup>	95	4.09%
Pounds distributed	1,416,137	1.83%
Students eligible for free or reduced school lunch <sup>10</sup>	17,028	2.32%
Households receiving FAP (SNAP) benefits <sup>11</sup>	48,867	2.55%
Total federal funding for SNAP	\$77,267,679	2.55%
Pet population (estimate) <sup>12</sup>	136,713	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	10
U-pick farms/On-farm markets	4
Farms using community Supported Agriculture	9

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# KALKASKA

Area<sup>1</sup> 559.87 square miles  
 Population<sup>2</sup> 17,121  
 Largest City Kalkaska  
 Watershed(s) Manistee, Boardman, Elk



## Top Commodities by Volume of Sales<sup>3</sup>

- Vegetables, melons, potatoes, and sweet potatoes
- Other crops and hay
- Grains, oilseeds, dry beans, and dry peas
- Horses, ponies, mules, burros, and donkeys
- Poultry and eggs
- Hogs and pigs
- Sheep, goats, and their products

## Top Commodities by Acreage

- Forage
- Vegetables
- Layers

## Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$8,803,000	
Total crop sales	\$8,109,000	
Total livestock sales	\$694,000	

## Key Michigan Products

Corn, soy, and wheat	2,343 acres ( 11.84% of cropland)	
Revenue from corn, soy, and wheat	\$1,299,000	
Vegetables	3,878 acres ( 19.60% of cropland)	
Revenue from vegetables	\$5,770,000	18
Fruit and tree nuts	6 operations	
Revenue from fruits, tree nuts, and berries	\$22,000	
Dairy farms	N/A farms	
Revenue from milk and other dairy	N/A	
All animal operations	88 operations	

## Agricultural Land

Total number of farms	224
Total farmland <sup>5</sup>	25,819 acres
Forage/pasture/non-crop farmland <sup>6</sup>	6,032 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	79
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	7	0.35%
Food warehouses	4	0.36%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	8	0.32%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	47	0.15%
Retail food establishments	29	0.2 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$46,515,468	0.19%
Emergency food distribution sites <sup>9</sup>	8	0.32%
Pounds distributed	114,149	0.15%
Students eligible for free or reduced school lunch <sup>10</sup>	1,502	0.2 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	4,057	0.21%
Total federal funding for SNAP	\$6,414,860	0.21%
Pet population (estimate) <sup>12</sup>	9,334	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# Michigan Food and Agricultural Systems Profiles

## KENT

Area <sup>1</sup>	846.95 square miles
Population <sup>2</sup>	602,799
Largest City	Grand Rapids
Watershed(s)	Grand River



### Top Commodities by Volume of Sales<sup>3</sup>

- Nursery, greenhouse, floriculture, and sod
- Milk and other dairy products from cows
- Fruits, tree nuts, and berries
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Hogs and pigs
- Other crops and hay
- Horses, ponies, mules, burros, and donkeys
- Cut Christmas trees and short rotation woody crops
- Sheep, goats, and their products

### Top Commodities by Acreage

- Corn
- Soybeans
- Turkeys

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$231,861,000	12
Total crop sales	\$180,389,000	10
Total livestock sales	\$51,472,000	15

### Key Michigan Products

Corn, soy, and wheat	75,447 acres ( 56.19% of cropland)	
Revenue from corn, soy, and wheat	\$54,425,000	
Vegetables	4,829 acres ( 3.60% of cropland)	20
Revenue from vegetables	\$8,152,639	14
Fruit and tree nuts	106 operations	6
Revenue from fruits, tree nuts, and berries	\$27,747,000	3
Dairy farms	39 farms	14
Revenue from milk and other dairy	\$114,912,000	2
All animal operations	465 operations	7

### Agricultural Land

Total number of farms	1,159	11
Total farmland <sup>5</sup>	157,493 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	23,219 acres	16
Number of farms using certified organic production	4	
Number of farms transitioning to organic production	81	
Area of greenhouse/nursery operations (sq. ft)	207,390	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	4	2.09%
Pesticide storage facilities	4	2.7 %

### Processing and Warehousing

Wholesale food processing plants	155	7.77%
Food warehouses	114	10.22%
Controlled atmosphere storage facilities	29	43.94%
Dairy processing plants	3	3.8 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	132	5.21%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	1985	6.31%
Retail food establishments	752	5.25%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$1,458,908,172	5.98%
Emergency food distribution sites <sup>9</sup>	363	15.63%
Pounds distributed	7,219,305	9.34%
Students eligible for free or reduced school lunch <sup>10</sup>	49,300	6.73%
Households receiving FAP (SNAP) benefits <sup>11</sup>	110,040	5.75%
Total federal funding for SNAP	\$173,993,399	5.75%
Pet population (estimate) <sup>12</sup>	328,645	
Port(s) of entry	Grand Rapids International Airport	

### Local Distribution<sup>13</sup>

Farmers' markets	17
U-pick farms/On-farm markets	19
Farms using community Supported Agriculture	13

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

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<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### KEWEENAW

Area <sup>1</sup>	540.11 square miles
Population <sup>2</sup>	2,144
Largest City	Eagle River
Watershed(s)	Lake Superior drainage



#### Top Commodities by Volume of Sales<sup>3</sup>

No data available

#### Top Commodities by Acreage

No data available

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$	
Total crop sales	\$	
Total livestock sales	N/A	

#### Key Michigan Products

Corn, soy, and wheat	acres (% of cropland)
Revenue from corn, soy, and wheat	
Vegetables	acres (% of cropland)
Revenue from vegetables	\$
Fruit and tree nuts	N/A operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	2 operations

#### Agricultural Land

Total number of farms	6
Total farmland <sup>5</sup>	318 acres
Forage/pasture/non-crop farmland <sup>6</sup>	240 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	5	0.25%
Food warehouses	0	0.0 %
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	1	0.04%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	21	0.07%
Retail food establishments	8	0.06%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$6,469,716	0.03%
Emergency food distribution sites <sup>9</sup>	1	0.04%
Pounds distributed	10,590	0.01%
Students eligible for free or reduced school lunch <sup>10</sup>	1	0.0 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	291	0.02%
Total federal funding for SNAP	\$460,124	0.02%
Pet population (estimate) <sup>12</sup>	1,169	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	0
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### LAKE

Area <sup>1</sup>	567.37 square miles
Population <sup>2</sup>	11,499
Largest City	Baldwin
Watershed(s)	Pere Marquette, Manistee, Big Sable, Muskegon



### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Other crops and hay
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Fruits, tree nuts, and berries
- Nursery, greenhouse, floriculture, and sod
- Hogs and pigs
- Sheep, goats, and their products
- Horses, ponies, mules, burros, and donkeys

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$4,062,000	
Total crop sales	\$2,290,000	
Total livestock sales	\$1,772,000	

### Key Michigan Products

Corn, soy, and wheat	3,125 acres ( 16.30% of cropland)
Revenue from corn, soy, and wheat	\$1,568,000
Vegetables	41 acres ( .21% of cropland)
Revenue from vegetables	\$12,500
Fruit and tree nuts	1 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	2 farms
Revenue from milk and other dairy	\$6,521,000
All animal operations	77 operations

### Agricultural Land

Total number of farms	200
Total farmland <sup>5</sup>	26,025 acres
Forage/pasture/non-crop farmland <sup>6</sup>	6,849 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	1	0.05%
Food warehouses	2	0.18%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	5	0.2 %
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	41	0.13%
Retail food establishments	23	0.16%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$26,460,627	0.11%
Emergency food distribution sites <sup>9</sup>	5	0.19%
Pounds distributed	133,132	0.17%
Students eligible for free or reduced school lunch <sup>10</sup>	520	0.07%
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,296	0.17%
Total federal funding for SNAP	\$5,211,580	0.17%
Pet population (estimate) <sup>12</sup>	6,269	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	0
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### LAPEER

Area <sup>1</sup>	643.01 square miles
Population <sup>2</sup>	88,166
Largest City	Lapeer
Watershed(s)	Saginaw, Belle, Black



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Cattle and calves</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Other crops and hay</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Poultry and eggs</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Hogs and pigs</li> <li>•Sheep, goats, and their products</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|--|---|

### Top Commodities by Acreage

- Soybeans
- Corn
- Pheasants

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$113,355,000	
Total crop sales	\$91,404,000	
Total livestock sales	\$21,951,000	

### Key Michigan Products

Corn, soy, and wheat	97,851 acres ( 64.14% of cropland)	
Revenue from corn, soy, and wheat	\$66,341,000	
Vegetables	5,679 acres ( 3.72% of cropland)	17
Revenue from vegetables	\$14,626,800	8
Fruit and tree nuts	21 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	37 farms	19
Revenue from milk and other dairy	\$21,776,000	
All animal operations	461 operations	8

### Agricultural Land

Total number of farms	1,133	13
Total farmland <sup>5</sup>	175,598 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	23,047 acres	18
Number of farms using certified organic production	7	
Number of farms transitioning to organic production	87	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	17	0.85%
Food warehouses	4	0.36%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	39	1.54%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	225	0.71%
Retail food establishments	120	0.84%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$209,581,719	0.86%
Emergency food distribution sites <sup>9</sup>	15	0.62%
Pounds distributed	319,232	0.41%
Students eligible for free or reduced school lunch <sup>10</sup>	5,925	0.81%
Households receiving FAP (SNAP) benefits <sup>11</sup>	13,265	0.69%
Total federal funding for SNAP	\$20,974,395	0.69%
Pet population (estimate) <sup>12</sup>	48,068	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	4
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	10

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### LEELANAU

Area <sup>1</sup>	347.17 square miles
Population <sup>2</sup>	21,679
Largest City	Leland
Watershed(s)	Lake Michigan drainage



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Cattle and calves</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Milk and other dairy products from cows</li> <li>•Other crops and hay</li> </ul> | <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Cut Christmas trees and short rotation woody crops</li> <li>•Hogs and pigs</li> </ul> |
|--|---|

#### Top Commodities by Acreage

- Tart cherries
- Forage
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$20,494,000	
Total crop sales	\$17,776,000	
Total livestock sales	\$2,718,000	

#### Key Michigan Products

Corn, soy, and wheat	3,302 acres ( 6.90% of cropland)	
Revenue from corn, soy, and wheat	\$724,000	
Vegetables	133 acres ( .28% of cropland)	
Revenue from vegetables	\$645,559	
Fruit and tree nuts	166 operations	3
Revenue from fruits, tree nuts, and berries	\$14,487,000	7
Dairy farms	4 farms	
Revenue from milk and other dairy	(D)	
All animal operations	112 operations	

#### Agricultural Land

Total number of farms	494
Total farmland <sup>5</sup>	59,481 acres
Forage/pasture/non-crop farmland <sup>6</sup>	11,612 acres
Number of farms using certified organic production	6
Number of farms transitioning to organic production	89
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	49	2.45%
Food warehouses	12	1.08%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	2	2.53%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	37	1.46%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	109	0.35%
Retail food establishments	68	0.48%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$59,557,188	0.24%
Emergency food distribution sites <sup>9</sup>	2	0.09%
Pounds distributed	40,140	0.05%
Students eligible for free or reduced school lunch <sup>10</sup>	875	0.12%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,832	0.1 %
Total federal funding for SNAP	\$2,896,728	0.1 %
Pet population (estimate) <sup>12</sup>	11,819	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	7
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	10

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### LENAWEE

Area <sup>1</sup>	749.56 square miles
Population <sup>2</sup>	99,640
Largest City	Adrian
Watershed(s)	Maumee, Raisin



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Cattle and calves
- Vegetables, melons, potatoes, and sweet potatoes
- Hogs and pigs
- Nursery, greenhouse, floriculture, and sod
- Cut Christmas trees and short rotation woody crops
- Horses, ponies, mules, burros, and donkeys
- Other animals and other animal products
- Sheep, goats, and their products
- Poultry and eggs

### Top Commodities by Acreage

- Soybeans
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$204,571,000	14
Total crop sales	\$144,060,000	16
Total livestock sales	\$60,511,000	13

### Key Michigan Products

Corn, soy, and wheat	247,066 acres ( 76.76% of cropland)	2
Revenue from corn, soy, and wheat	\$129,191,000	7
Vegetables	5,000 acres ( 1.55% of cropland)	19
Revenue from vegetables	\$6,573,000	16
Fruit and tree nuts	32 operations	15
Revenue from fruits, tree nuts, and berries	\$3,698,000	13
Dairy farms	25 farms	
Revenue from milk and other dairy	(D)	
All animal operations	394 operations	15

### Agricultural Land

Total number of farms	1,618	1
Total farmland <sup>5</sup>	344,347 acres	3
Forage/pasture/non-crop farmland <sup>6</sup>	22,494 acres	20
Number of farms using certified organic production	2	
Number of farms transitioning to organic production	91	
Area of greenhouse/nursery operations (sq. ft)	9,950	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	9	4.71%
Pesticide storage facilities	10	6.76%

### Processing and Warehousing

Wholesale food processing plants	18	0.9 %
Food warehouses	6	0.54%
Controlled atmosphere storage facilities	1	1.52%
Dairy processing plants	3	3.8 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	18	0.71%
Rendering facilities	3	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Green Plains Renewable Energy

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	306	0.97%
Retail food establishments	107	0.75%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$240,319,263	0.98%
Emergency food distribution sites <sup>9</sup>	17	0.73%
Pounds distributed	310,005	0.4 %
Students eligible for free or reduced school lunch <sup>10</sup>	7,067	0.96%
Households receiving FAP (SNAP) benefits <sup>11</sup>	17,234	0.9 %
Total federal funding for SNAP	\$27,250,111	0.9 %
Pet population (estimate) <sup>12</sup>	54,323	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### LIVINGSTON

Area <sup>1</sup>	565.25 square miles
Population <sup>2</sup>	180,999
Largest City	Howell
Watershed(s)	Saginaw, Huron, Grand



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Nursery, greenhouse, floriculture, and sod
- Cattle and calves
- Horses, ponies, mules, burros, and donkeys
- Other animals and other animal products
- Fruits, tree nuts, and berries
- Cut Christmas trees and short rotation woody crops
- Sheep, goats, and their products
- Poultry and eggs

#### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$52,251,000	
Total crop sales	\$38,712,000	
Total livestock sales	\$13,539,000	

#### Key Michigan Products

Corn, soy, and wheat	45,242 acres ( 65.29% of cropland)
Revenue from corn, soy, and wheat	\$25,114,000
Vegetables	735 acres ( 1.06% of cropland)
Revenue from vegetables	\$46,379
Fruit and tree nuts	12 operations
Revenue from fruits, tree nuts, and berries	\$124,000
Dairy farms	8 farms
Revenue from milk and other dairy	\$12,221,000
All animal operations	289 operations

#### Agricultural Land

Total number of farms	734
Total farmland <sup>5</sup>	86,141 acres
Forage/pasture/non-crop farmland <sup>6</sup>	16,852 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	93
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	22	1.1 %
Food warehouses	12	1.08%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	36	1.42%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	408	1.3 %
Retail food establishments	164	1.15%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$430,881,807	1.76%
Emergency food distribution sites <sup>9</sup>	13	0.55%
Pounds distributed	1,538,700	1.99%
Students eligible for free or reduced school lunch <sup>10</sup>	5,912	0.81%
Households receiving FAP (SNAP) benefits <sup>11</sup>	14,775	0.77%
Total federal funding for SNAP	\$23,361,982	0.77%
Pet population (estimate) <sup>12</sup>	98,680	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	7
U-pick farms/On-farm markets	6
Farms using community Supported Agriculture	6

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### LUCE

Area <sup>1</sup>	899.08 square miles
Population <sup>2</sup>	6,599
Largest City	Newberry
Watershed(s)	Tahquemenon, Two Hearted, Manistique



### Top Commodities by Volume of Sales<sup>3</sup>

- Cattle and calves
- Other animals and other animal products
- Fruits, tree nuts, and berries
- Other crops and hay
- Poultry and eggs

### Top Commodities by Acreage

- Forage
- Vegetables
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$3,615,000	
Total crop sales	\$2,954,000	
Total livestock sales	\$661,000	

### Key Michigan Products

Corn, soy, and wheat	acres ( .00% of cropland)
Revenue from corn, soy, and wheat	\$
Vegetables	5 acres ( .07% of cropland)
Revenue from vegetables	\$
Fruit and tree nuts	1 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	18 operations

### Agricultural Land

Total number of farms	43
Total farmland <sup>5</sup>	11,599 acres
Forage/pasture/non-crop farmland <sup>6</sup>	4,825 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	1	0.05%
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	3	0.12%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	34	0.11%
Retail food establishments	16	0.11%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$15,368,772	0.06%
Emergency food distribution sites <sup>9</sup>	4	0.15%
Pounds distributed	45,402	0.06%
Students eligible for free or reduced school lunch <sup>10</sup>	346	0.05%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,116	0.06%
Total federal funding for SNAP	\$1,764,600	0.06%
Pet population (estimate) <sup>12</sup>	3,598	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## MACKINAC

Area <sup>1</sup>	1,021.57 square miles
Population <sup>2</sup>	11,087
Largest City	St. Ignace
Watershed(s)	Tahquemenon, Carp, Manistique



### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Grains, oilseeds, dry beans, and dry peas
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Sheep, goats, and their products
- Poultry and eggs

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$5,360,000	
Total crop sales	\$1,185,000	
Total livestock sales	\$4,175,000	

### Key Michigan Products

Corn, soy, and wheat	1,033 acres ( 6.41% of cropland)	
Revenue from corn, soy, and wheat	\$136,000	
Vegetables	7 acres ( .04% of cropland)	
Revenue from vegetables	\$21,000	
Fruit and tree nuts	4 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	4 farms	
Revenue from milk and other dairy	\$24,731,000	19
All animal operations	57 operations	

### Agricultural Land

Total number of farms	103
Total farmland <sup>5</sup>	22,420 acres
Forage/pasture/non-crop farmland <sup>6</sup>	6,310 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	11	0.55%
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	4	5.06%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	15	0.59%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	145	0.46%
Retail food establishments	59	0.41%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$31,581,420	0.13%
Emergency food distribution sites <sup>9</sup>	8	0.32%
Pounds distributed	30,487	0.04%
Students eligible for free or reduced school lunch <sup>10</sup>	700	0.1 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,503	0.08%
Total federal funding for SNAP	\$2,376,518	0.08%
Pet population (estimate) <sup>12</sup>	6,045	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# Michigan Food and Agricultural Systems Profiles

## MACOMB

Area <sup>1</sup>	479.22 square miles
Population <sup>2</sup>	841,184
Largest City	Warren
Watershed(s)	Clinton, Belle



### Top Commodities by Volume of Sales<sup>3</sup>

- Nursery, greenhouse, floriculture, and sod
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Fruits, tree nuts, and berries
- Milk and other dairy products from cows
- Other animals and other animal products
- Horses, ponies, mules, burros, and donkeys
- Aquaculture
- Poultry and eggs
- Hogs and pigs
- Sheep, goats, and their products

### Top Commodities by Acreage

- Soybeans
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$73,242,000	
Total crop sales	\$58,381,000	
Total livestock sales	\$14,861,000	

### Key Michigan Products

Corn, soy, and wheat	45,593 acres ( 74.13% of cropland)	
Revenue from corn, soy, and wheat	\$26,459,000	
Vegetables	3,134 acres ( 5.10% of cropland)	
Revenue from vegetables	\$8,983,125	12
Fruit and tree nuts	16 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	11 farms	
Revenue from milk and other dairy	\$21,815,000	
All animal operations	150 operations	

### Agricultural Land

Total number of farms	502
Total farmland <sup>5</sup>	67,960 acres
Forage/pasture/non-crop farmland <sup>6</sup>	6,456 acres
Number of farms using certified organic production	4
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	6,840

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	73	3.66%
Food warehouses	44	3.94%
Controlled atmosphere storage facilities	3	4.55%
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	131	5.17%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	2301	7.31%
Retail food establishments	1065	7.44%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$2,113,500,228	8.66%
Emergency food distribution sites <sup>9</sup>	25	1.06%
Pounds distributed	1,651,400	2.14%
Students eligible for free or reduced school lunch <sup>10</sup>	59,403	8.1 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	128,170	6.7 %
Total federal funding for SNAP	\$202,660,250	6.7 %
Pet population (estimate) <sup>12</sup>	458,612	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	8
U-pick farms/On-farm markets	7
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

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## Michigan Food and Agricultural Systems Profiles

### MANISTEE

Area <sup>1</sup>	542.15 square miles
Population <sup>2</sup>	24,547
Largest City	Manistee
Watershed(s)	Manistee, Betsie



#### Top Commodities by Volume of Sales<sup>3</sup>

- Fruits, tree nuts, and berries
- Nursery, greenhouse, floriculture, and sod
- Cattle and calves
- Cut Christmas trees and short rotation woody crops
- Vegetables, melons, potatoes, and sweet potatoes
- Other crops and hay
- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Sheep, goats, and their products
- Hogs and pigs
- Horses, ponies, mules, burros, and donkeys

#### Top Commodities by Acreage

- Forage
- Corn
- Layers

#### Agricultural Revenues<sup>4</sup>

Total market value of agriculture production	
Total crop sales	
Total livestock sales	

#### Amount

\$7,628,000
\$6,492,000
\$1,136,000

#### MI top 20 ranking

#### Key Michigan Products

Corn, soy, and wheat	4,556 acres ( 13.15% of cropland)	
Revenue from corn, soy, and wheat	\$1,682,000	
Vegetables	664 acres ( 1.92% of cropland)	
Revenue from vegetables	\$1,137,918	
Fruit and tree nuts	25 operations	18
Revenue from fruits, tree nuts, and berries	\$1,457,000	18
Dairy farms	1 farms	
Revenue from milk and other dairy	\$5,305,000	
All animal operations	123 operations	

#### Agricultural Land

Total number of farms	324
Total farmland <sup>5</sup>	44,298 acres
Forage/pasture/non-crop farmland <sup>6</sup>	9,645 acres
Number of farms using certified organic production	1
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	14	0.7 %
Food warehouses	4	0.36%
Controlled atmosphere storage facilities	1	1.52%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	14	0.55%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	112	0.36%
Retail food establishments	58	0.41%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$68,072,664	0.28%
Emergency food distribution sites <sup>9</sup>	9	0.39%
Pounds distributed	162,302	0.21%
Students eligible for free or reduced school lunch <sup>10</sup>	1,747	0.24%
Households receiving FAP (SNAP) benefits <sup>11</sup>	4,596	0.24%
Total federal funding for SNAP	\$7,267,118	0.24%
Pet population (estimate) <sup>12</sup>	13,383	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### MARQUETTE

Area <sup>1</sup>	1,808.40 square miles
Population <sup>2</sup>	67,098
Largest City	Marquette
Watershed(s)	Escanaba, Menominee, Chocolay, Dead, Ford



#### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Vegetables, melons, potatoes, and sweet potatoes
- Other crops and hay
- Cattle and calves
- Grains, oilseeds, dry beans, and dry peas
- Horses, ponies, mules, burros, and donkeys
- Poultry and eggs
- Other crops and hay
- Sheep, goats, and their products

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$2,297,000	
Total crop sales	\$815,000	
Total livestock sales	\$1,482,000	

#### Key Michigan Products

Corn, soy, and wheat	256 acres ( 1.31% of cropland)
Revenue from corn, soy, and wheat	\$6,000
Vegetables	88 acres ( .45% of cropland)
Revenue from vegetables	\$127,000
Fruit and tree nuts	13 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	1 farms
Revenue from milk and other dairy	\$9,003,000
All animal operations	81 operations

#### Agricultural Land

Total number of farms	168
Total farmland <sup>5</sup>	30,693 acres
Forage/pasture/non-crop farmland <sup>6</sup>	11,134 acres
Number of farms using certified organic production	1
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	15	0.75%
Food warehouses	16	1.43%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	28	1.1 %
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	254	0.81%
Retail food establishments	94	0.66%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$168,289,332	0.69%
Emergency food distribution sites <sup>9</sup>	35	1.49%
Pounds distributed	477,066	0.62%
Students eligible for free or reduced school lunch <sup>10</sup>	3,166	0.43%
Households receiving FAP (SNAP) benefits <sup>11</sup>	10,002	0.52%
Total federal funding for SNAP	\$15,814,994	0.52%
Pet population (estimate) <sup>12</sup>	36,582	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	6

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### MASON

Area <sup>1</sup>	495.07 square miles
Population <sup>2</sup>	28,724
Largest City	Ludington
Watershed(s)	Pentwater, Lincoln, Big Sable



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Other animals and other animal products</li> </ul> | <ul style="list-style-type: none"> <li>•Poultry and eggs</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Sheep, goats, and their products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Aquaculture</li> </ul> |
|--|--|

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$52,880,000	
Total crop sales	\$31,689,000	
Total livestock sales	\$21,191,000	

#### Key Michigan Products

Corn, soy, and wheat	26,118 acres ( 38.68% of cropland)	
Revenue from corn, soy, and wheat	\$15,218,000	
Vegetables	7,175 acres ( 10.62% of cropland)	14
Revenue from vegetables	\$6,027,000	17
Fruit and tree nuts	34 operations	14
Revenue from fruits, tree nuts, and berries	\$6,000,000	10
Dairy farms	16 farms	
Revenue from milk and other dairy	\$37,731,000	11
All animal operations	164 operations	

#### Agricultural Land

Total number of farms	440
Total farmland <sup>5</sup>	79,048 acres
Forage/pasture/non-crop farmland <sup>6</sup>	11,518 acres
Number of farms using certified organic production	1
Number of farms transitioning to organic production	105
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	19	0.95%
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	1	1.52%
Dairy processing plants	2	2.53%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	13	0.51%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	125	0.4 %
Retail food establishments	50	0.35%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$78,864,048	0.32%
Emergency food distribution sites <sup>9</sup>	8	0.34%
Pounds distributed	212,829	0.28%
Students eligible for free or reduced school lunch <sup>10</sup>	2,424	0.33%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,909	0.31%
Total federal funding for SNAP	\$9,343,212	0.31%
Pet population (estimate) <sup>12</sup>	15,660	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## MECOSTA

Area <sup>1</sup>	555.07 square miles
Population <sup>2</sup>	42,822
Largest City	Big Rapids
Watershed(s)	Muskegon, Saginaw, Grand



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>•Hogs and pigs</li> <li>•Milk and other dairy products from cows</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Cattle and calves</li> <li>•Other animals and other animal products</li> </ul> | <ul style="list-style-type: none"> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Sheep, goats, and their products</li> <li>•Fruits, tree nuts, and berries</li> <li>•Nursery, greenhouse, floriculture, and sod</li> </ul> |
|--|--|

### Top Commodities by Acreage

- Forage
- Corn
- Hogs

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$113,257,000	
Total crop sales	\$45,979,000	
Total livestock sales	\$67,278,000	11

### Key Michigan Products

Corn, soy, and wheat	34,941 acres ( 35.55% of cropland)	
Revenue from corn, soy, and wheat	\$21,541,000	
Vegetables	12,794 acres ( 13.02% of cropland)	8
Revenue from vegetables	\$40,120	
Fruit and tree nuts	14 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	98 farms	2
Revenue from milk and other dairy	\$9,513,000	
All animal operations	367 operations	19

### Agricultural Land

Total number of farms	779	
Total farmland <sup>5</sup>	123,005 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	24,710 acres	13
Number of farms using certified organic production	0	
Number of farms transitioning to organic production	0	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	16	0.8 %
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	26	1.03%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	132	0.42%
Retail food establishments	71	0.5 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$100,338,135	0.41%
Emergency food distribution sites <sup>9</sup>	8	0.36%
Pounds distributed	228,985	0.3 %
Students eligible for free or reduced school lunch <sup>10</sup>	3,919	0.53%
Households receiving FAP (SNAP) benefits <sup>11</sup>	9,935	0.52%
Total federal funding for SNAP	\$15,709,055	0.52%
Pet population (estimate) <sup>12</sup>	23,346	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## MENOMINEE

Area <sup>1</sup>	1,044.08 square miles
Population <sup>2</sup>	23,974
Largest City	Menominee
Watershed(s)	Menominee, Ford, Cedar



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Other crops and hay</li> <li>•Other animals and other animal products</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Hogs and pigs</li> </ul> |
|--|--|

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$41,402,000	
Total crop sales	\$7,914,000	
Total livestock sales	\$33,488,000	

### Key Michigan Products

Corn, soy, and wheat	17,003 acres ( 22.32% of cropland)	
Revenue from corn, soy, and wheat	\$4,884,000	
Vegetables	71 acres ( .09% of cropland)	
Revenue from vegetables	\$	
Fruit and tree nuts	12 operations	
Revenue from fruits, tree nuts, and berries	\$19,000	
Dairy farms	39 farms	15
Revenue from milk and other dairy	\$1,730,000	
All animal operations	186 operations	

### Agricultural Land

Total number of farms	398
Total farmland <sup>5</sup>	91,900 acres
Forage/pasture/non-crop farmland <sup>6</sup>	15,719 acres
Number of farms using certified organic production	3
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	6	0.3 %
Food warehouses	4	0.36%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	19	0.75%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	91	0.29%
Retail food establishments	35	0.24%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$69,485,517	0.28%
Emergency food distribution sites <sup>9</sup>	1	0.06%
Pounds distributed	5,144	0.01%
Students eligible for free or reduced school lunch <sup>10</sup>	1,643	0.22%
Households receiving FAP (SNAP) benefits <sup>11</sup>	3,938	0.21%
Total federal funding for SNAP	\$6,226,699	0.21%
Pet population (estimate) <sup>12</sup>	13,071	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	5
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## MIDLAND

Area <sup>1</sup>	516.25 square miles
Population <sup>2</sup>	83,658
Largest City	Midland
Watershed(s)	Saginaw, Kawkawlin



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Hogs and pigs
- Vegetables, melons, potatoes, and sweet potatoes
- Horses, ponies, mules, burros, and donkeys
- Other animals and other animal products
- Fruits, tree nuts, and berries
- Poultry and eggs
- Sheep, goats, and their products

### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$70,088,000	
Total crop sales	\$47,595,000	
Total livestock sales	\$22,493,000	

### Key Michigan Products

Corn, soy, and wheat	49,650 acres ( 61.24% of cropland)
Revenue from corn, soy, and wheat	\$39,690,000
Vegetables	1,408 acres ( 1.74% of cropland)
Revenue from vegetables	\$868,519
Fruit and tree nuts	13 operations
Revenue from fruits, tree nuts, and berries	\$76,000
Dairy farms	2 farms
Revenue from milk and other dairy	\$2,295,000
All animal operations	187 operations

### Agricultural Land

Total number of farms	555
Total farmland <sup>5</sup>	89,543 acres
Forage/pasture/non-crop farmland <sup>6</sup>	8,469 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	111
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	15	0.75%
Food warehouses	9	0.81%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	27	1.06%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	265	0.84%
Retail food establishments	102	0.71%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$215,418,528	0.88%
Emergency food distribution sites <sup>9</sup>	25	1.06%
Pounds distributed	393,705	0.51%
Students eligible for free or reduced school lunch <sup>10</sup>	4,346	0.59%
Households receiving FAP (SNAP) benefits <sup>11</sup>	11,669	0.61%
Total federal funding for SNAP	\$18,450,827	0.61%
Pet population (estimate) <sup>12</sup>	45,610	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	6

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## MISSAUKEE

Area <sup>1</sup>	564.73 square miles
Population <sup>2</sup>	14,816
Largest City	Lake City
Watershed(s)	Muskegon, Manistee



### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Other crops and hay</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> </ul> | <ul style="list-style-type: none"> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Hogs and pigs</li> <li>•Poultry and eggs</li> <li>•Horses, ponies, mules, burros, and donkeys</li> </ul> |
|---|---|

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$126,002,000	
Total crop sales	\$31,202,000	
Total livestock sales	\$94,800,000	8

### Key Michigan Products

Corn, soy, and wheat	25,973 acres ( 30.87% of cropland)	
Revenue from corn, soy, and wheat	\$10,203,000	
Vegetables	322 acres ( .38% of cropland)	
Revenue from vegetables	\$1,054,500	
Fruit and tree nuts	5 operations	
Revenue from fruits, tree nuts, and berries	\$56,000	
Dairy farms	51 farms	12
Revenue from milk and other dairy	(D)	
All animal operations	211 operations	

### Agricultural Land

Total number of farms	433
Total farmland <sup>5</sup>	99,510 acres
Forage/pasture/non-crop farmland <sup>6</sup>	15,361 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	113
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	4	2.7 %

### Processing and Warehousing

Wholesale food processing plants	10	0.5 %
Food warehouses	1	0.09%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	4	8.16%
Meat processing plants (MDARD licensed)	12	0.47%
Rendering facilities	2	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	35	0.11%
Retail food establishments	21	0.15%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$37,431,015	0.15%
Emergency food distribution sites <sup>9</sup>	8	0.34%
Pounds distributed	114,903	0.15%
Students eligible for free or reduced school lunch <sup>10</sup>	1,283	0.18%
Households receiving FAP (SNAP) benefits <sup>11</sup>	2,824	0.15%
Total federal funding for SNAP	\$4,465,261	0.15%
Pet population (estimate) <sup>12</sup>	8,078	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	0
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	2

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### MONROE

Area <sup>1</sup>	549.39 square miles
Population <sup>2</sup>	151,915
Largest City	Monroe
Watershed(s)	Raisin, Stony Creek, Huron



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Cattle and calves</li> <li>•Milk and other dairy products from cows</li> <li>•Aquaculture</li> <li>•Other crops and hay</li> </ul> | <ul style="list-style-type: none"> <li>•Fruits, tree nuts, and berries</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Hogs and pigs</li> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Cut Christmas trees and short rotation woody crops</li> <li>•Poultry and eggs</li> </ul> |
|--|---|

#### Top Commodities by Acreage

- Corn
- Soybeans
- Layers

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$173,896,000	18
Total crop sales	\$166,044,000	11
Total livestock sales	\$7,852,000	

#### Key Michigan Products

Corn, soy, and wheat	176,239 acres ( 86.68% of cropland)	7
Revenue from corn, soy, and wheat	\$98,254,000	14
Vegetables	16,930 acres ( 8.33% of cropland)	4
Revenue from vegetables	\$34,375,000	4
Fruit and tree nuts	34 operations	13
Revenue from fruits, tree nuts, and berries	\$630,000	19
Dairy farms	5 farms	
Revenue from milk and other dairy	\$4,441,000	
All animal operations	245 operations	

#### Agricultural Land

Total number of farms	1,144	12
Total farmland <sup>5</sup>	214,506 acres	17
Forage/pasture/non-crop farmland <sup>6</sup>	11,180 acres	
Number of farms using certified organic production	0	
Number of farms transitioning to organic production	115	
Area of greenhouse/nursery operations (sq. ft)	39,112	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	4	2.09%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	19	0.95%
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	2	2.53%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	24	0.95%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	465	1.48%
Retail food establishments	188	1.31%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$372,660,756	1.53%
Emergency food distribution sites <sup>9</sup>	8	0.32%
Pounds distributed	437,225	0.57%
Students eligible for free or reduced school lunch <sup>10</sup>	8,777	1.2 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	20,908	1.09%
Total federal funding for SNAP	\$33,059,378	1.09%
Pet population (estimate) <sup>12</sup>	82,824	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	3
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### MONTCALM

Area <sup>1</sup>	705.40 square miles
Population <sup>2</sup>	63,261
Largest City	Stanton
Watershed(s)	Grand, Muskegon, Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Milk and other dairy products from cows</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> </ul> | <ul style="list-style-type: none"> <li>•Cut Christmas trees and short rotation woody crops</li> <li>•Fruits, tree nuts, and berries</li> <li>•Hogs and pigs</li> <li>•Other animals and other animal products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Sheep, goats, and their products</li> </ul> |
|--|--|

#### Top Commodities by Acreage

- Corn
- Forage
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$213,940,000	13
Total crop sales	\$154,177,000	14
Total livestock sales	\$59,763,000	14

#### Key Michigan Products

Corn, soy, and wheat	108,408 acres ( 52.13% of cropland)	
Revenue from corn, soy, and wheat	\$77,740,000	20
Vegetables	41,047 acres ( 19.74% of cropland)	1
Revenue from vegetables	\$58,534,427	1
Fruit and tree nuts	20 operations	
Revenue from fruits, tree nuts, and berries	\$276,000	
Dairy farms	79 farms	4
Revenue from milk and other dairy	\$7,979,000	
All animal operations	460 operations	9

#### Agricultural Land

Total number of farms	1,127	15
Total farmland <sup>5</sup>	237,252 acres	12
Forage/pasture/non-crop farmland <sup>6</sup>	29,278 acres	4
Number of farms using certified organic production	3	
Number of farms transitioning to organic production	117	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	4	2.09%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	11	0.55%
Food warehouses	1	0.09%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	27	1.06%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	190	0.6 %
Retail food establishments	111	0.78%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$149,346,873	0.61%
Emergency food distribution sites <sup>9</sup>	28	1.18%
Pounds distributed	795,227	1.03%
Students eligible for free or reduced school lunch <sup>10</sup>	6,635	0.91%
Households receiving FAP (SNAP) benefits <sup>11</sup>	13,564	0.71%
Total federal funding for SNAP	\$21,447,169	0.71%
Pet population (estimate) <sup>12</sup>	34,490	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	4
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	8

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

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<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

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<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# MONTMORENCY

Area<sup>1</sup> 546.66 square miles  
 Population<sup>2</sup> 9,773  
 Largest City Atlanta  
 Watershed(s) Thunder Bay, Cheboygan, Au Sable



## Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Grains, oilseeds, dry beans, and dry peas
- Cattle and calves
- Other crops and hay
- Other animals and other animal products
- Fruits, tree nuts, and berries
- Hogs and pigs
- Poultry and eggs
- Horses, ponies, mules, burros, and donkeys
- Sheep, goats, and their products

## Top Commodities by Acreage

- Forage
- Corn
- Cattle

## Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$8,132,000	
Total crop sales	\$4,295,000	
Total livestock sales	\$3,837,000	

## Key Michigan Products

Corn, soy, and wheat	6,313 acres ( 32.76% of cropland)	
Revenue from corn, soy, and wheat	\$2,988,000	
Vegetables	14 acres ( .07% of cropland)	
Revenue from vegetables	\$	
Fruit and tree nuts	2 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	4 farms	
Revenue from milk and other dairy	\$81,849,000	5
All animal operations	86 operations	

## Agricultural Land

Total number of farms	151
Total farmland <sup>5</sup>	24,337 acres
Forage/pasture/non-crop farmland <sup>6</sup>	5,066 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	5	0.25%
Food warehouses	1	0.09%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	13	0.51%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	56	0.18%
Retail food establishments	22	0.15%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$27,566,616	0.11%
Emergency food distribution sites <sup>9</sup>	3	0.14%
Pounds distributed	50,213	0.06%
Students eligible for free or reduced school lunch <sup>10</sup>	501	0.07%
Households receiving FAP (SNAP) benefits <sup>11</sup>	2,177	0.11%
Total federal funding for SNAP	\$3,442,236	0.11%
Pet population (estimate) <sup>12</sup>	5,328	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## MUSKEGON

Area <sup>1</sup>	499.25 square miles
Population <sup>2</sup>	171,923
Largest City	Muskegon
Watershed(s)	Muskegon, Grand, White



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Fruits, tree nuts, and berries</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Hogs and pigs</li> </ul> | <ul style="list-style-type: none"> <li>•Other animals and other animal products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Cut Christmas trees and short rotation woody crops</li> <li>•Sheep, goats, and their products</li> </ul> |
|--|---|

### Top Commodities by Acreage

- Corn
- Forage
- Turkeys

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$76,000,000	
Total crop sales	\$46,846,000	
Total livestock sales	\$29,154,000	

### Key Michigan Products

Corn, soy, and wheat	27,455 acres ( 45.17% of cropland)	
Revenue from corn, soy, and wheat	\$17,836,000	
Vegetables	2,040 acres ( 3.36% of cropland)	
Revenue from vegetables	\$3,749,000	
Fruit and tree nuts	43 operations	10
Revenue from fruits, tree nuts, and berries	\$16,107,000	5
Dairy farms	16 farms	
Revenue from milk and other dairy	\$5,734,000	
All animal operations	226 operations	

### Agricultural Land

Total number of farms	514
Total farmland <sup>5</sup>	74,246 acres
Forage/pasture/non-crop farmland <sup>6</sup>	13,461 acres
Number of farms using certified organic production	6
Number of farms transitioning to organic production	121
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	24	1.2 %
Food warehouses	16	1.43%
Controlled atmosphere storage facilities	2	3.03%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	37	1.46%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	589	1.87%
Retail food establishments	219	1.53%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$417,124,071	1.71%
Emergency food distribution sites <sup>9</sup>	50	2.17%
Pounds distributed	1,937,284	2.51%
Students eligible for free or reduced school lunch <sup>10</sup>	15,867	2.16%
Households receiving FAP (SNAP) benefits <sup>11</sup>	47,501	2.48%
Total federal funding for SNAP	\$75,107,783	2.48%
Pet population (estimate) <sup>12</sup>	93,732	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	6
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	2

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## NEWAYGO

Area <sup>1</sup>	813.20 square miles
Population <sup>2</sup>	48,382
Largest City	White Cloud
Watershed(s)	Muskegon, White, Pere Marquette



### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Cattle and calves</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Fruits, tree nuts, and berries</li> </ul> | <ul style="list-style-type: none"> <li>•Poultry and eggs</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Hogs and pigs</li> <li>•Other animals and other animal products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> </ul> |
|--|---|

### Top Commodities by Acreage

- Forage
- Corn
- Turkeys

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$113,849,000	
Total crop sales	\$45,412,000	
Total livestock sales	\$68,437,000	10

### Key Michigan Products

Corn, soy, and wheat	43,677 acres ( 43.35% of cropland)	
Revenue from corn, soy, and wheat	\$24,118,000	
Vegetables	11,158 acres ( 11.07% of cropland)	9
Revenue from vegetables	\$10,308,000	11
Fruit and tree nuts	24 operations	19
Revenue from fruits, tree nuts, and berries	\$5,298,000	11
Dairy farms	56 farms	11
Revenue from milk and other dairy	\$1,295,000	
All animal operations	416 operations	12

### Agricultural Land

Total number of farms	923	
Total farmland <sup>5</sup>	125,663 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	24,912 acres	12
Number of farms using certified organic production	14	
Number of farms transitioning to organic production	123	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	12	0.6 %
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	3	4.55%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	32	1.26%
Rendering facilities	1	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	125	0.4 %
Retail food establishments	66	0.46%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$118,129,854	0.48%
Emergency food distribution sites <sup>9</sup>	30	1.29%
Pounds distributed	1,650,833	2.13%
Students eligible for free or reduced school lunch <sup>10</sup>	4,916	0.67%
Households receiving FAP (SNAP) benefits <sup>11</sup>	11,165	0.58%
Total federal funding for SNAP	\$17,653,910	0.58%
Pet population (estimate) <sup>12</sup>	26,378	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	6

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### OAKLAND

Area <sup>1</sup>	867.66 square miles
Population <sup>2</sup>	1,202,829
Largest City	Sterling Heights, Detroit metropolitan area
Watershed(s)	Clinton, Huron, Rouge, Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- Nursery, greenhouse, floriculture, and sod
- Other animals and other animal products
- Grains, oilseeds, dry beans, and dry peas
- Horses, ponies, mules, burros, and donkeys
- Fruits, tree nuts, and berries
- Other crops and hay
- Vegetables, melons, potatoes, and sweet potatoes
- Cut Christmas trees and short rotation woody crops
- Cattle and calves
- Sheep, goats, and their products
- Hogs and pigs

#### Top Commodities by Acreage

- Forage
- Soybeans
- Horses

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$25,907,000	
Total crop sales	\$22,664,000	
Total livestock sales	\$3,243,000	

#### Key Michigan Products

Corn, soy, and wheat	8,384 acres ( 37.08% of cropland)	
Revenue from corn, soy, and wheat	\$4,455,000	
Vegetables	413 acres ( 1.83% of cropland)	
Revenue from vegetables	\$426,334	
Fruit and tree nuts	18 operations	
Revenue from fruits, tree nuts, and berries	\$253,000	
Dairy farms	2 farms	
Revenue from milk and other dairy	\$26,914,000	15
All animal operations	185 operations	

#### Agricultural Land

Total number of farms	537
Total farmland <sup>5</sup>	31,722 acres
Forage/pasture/non-crop farmland <sup>6</sup>	9,110 acres
Number of farms using certified organic production	4
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	33,583

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	9	4.71%
Pesticide storage facilities	7	4.73%

### Processing and Warehousing

Wholesale food processing plants	147	7.36%
Food warehouses	76	6.81%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	5	6.33%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	194	7.65%
Rendering facilities	6	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	3937	12.51%
Retail food establishments	1412	9.87%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$3,087,678,354	12.65%
Emergency food distribution sites <sup>9</sup>	102	4.37%
Pounds distributed	5,081,765	6.57%
Students eligible for free or reduced school lunch <sup>10</sup>	64,710	8.83%
Households receiving FAP (SNAP) benefits <sup>11</sup>	130,745	6.83%
Total federal funding for SNAP	\$206,731,797	6.83%
Pet population (estimate) <sup>12</sup>	655,780	
Port(s) of entry	Oakland County International Airport	

### Local Distribution<sup>13</sup>

Farmers' markets	24
U-pick farms/On-farm markets	13
Farms using community Supported Agriculture	8

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# Michigan Food and Agricultural Systems Profiles

## OCEANA

Area <sup>1</sup>	512.07 square miles
Population <sup>2</sup>	26,521
Largest City	Hart
Watershed(s)	White, Pentwater, Pere Marquette



### Top Commodities by Volume of Sales<sup>3</sup>

- Fruits, tree nuts, and berries
- Vegetables, melons, potatoes, and sweet potatoes
- Hogs and pigs
- Milk and other dairy products from cows
- Cut Christmas trees and short rotation woody crops
- Cattle and calves
- Other crops and hay
- Horses, ponies, mules, burros, and donkeys
- Nursery, greenhouse, floriculture, and sod
- Sheep, goats, and their products

### Top Commodities by Acreage

- Corn
- Vegetables
- Hogs

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$101,180,000	
Total crop sales	\$64,095,000	
Total livestock sales	\$37,085,000	

### Key Michigan Products

Corn, soy, and wheat	31,256 acres ( 28.60% of cropland)	
Revenue from corn, soy, and wheat	\$18,158,000	
Vegetables	23,883 acres ( 21.85% of cropland)	2
Revenue from vegetables	\$	
Fruit and tree nuts	95 operations	7
Revenue from fruits, tree nuts, and berries	\$12,716,000	8
Dairy farms	25 farms	
Revenue from milk and other dairy	\$31,609,000	12
All animal operations	207 operations	

### Agricultural Land

Total number of farms	609
Total farmland <sup>5</sup>	127,779 acres
Forage/pasture/non-crop farmland <sup>6</sup>	18,478 acres
Number of farms using certified organic production	12
Number of farms transitioning to organic production	127
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	2	1.35%

### Processing and Warehousing

Wholesale food processing plants	54	2.71%
Food warehouses	12	1.08%
Controlled atmosphere storage facilities	1	1.52%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	2	4.08%
Meat processing plants (MDARD licensed)	22	0.87%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	106	0.34%
Retail food establishments	66	0.46%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$61,718,022	0.25%
Emergency food distribution sites <sup>9</sup>	9	0.38%
Pounds distributed	434,462	0.56%
Students eligible for free or reduced school lunch <sup>10</sup>	2,219	0.3 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	6,753	0.35%
Total federal funding for SNAP	\$10,677,730	0.35%
Pet population (estimate) <sup>12</sup>	14,459	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	5
Farms using community Supported Agriculture	3

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### OGEMAW

Area <sup>1</sup>	563.49 square miles
Population <sup>2</sup>	21,641
Largest City	West Branch
Watershed(s)	Rifle, Au Sable, Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Other crops and hay</li> <li>•Fruits, tree nuts, and berries</li> </ul> | <ul style="list-style-type: none"> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Hogs and pigs</li> </ul> |
|---|---|

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$46,260,000	
Total crop sales	\$13,478,000	
Total livestock sales	\$32,782,000	

#### Key Michigan Products

Corn, soy, and wheat	16,869 acres ( 30.47% of cropland)	
Revenue from corn, soy, and wheat	\$8,819,000	
Vegetables	acres ( .00% of cropland)	
Revenue from vegetables	\$	
Fruit and tree nuts	4 operations	
Revenue from fruits, tree nuts, and berries	\$26,000	
Dairy farms	38 farms	18
Revenue from milk and other dairy	\$58,132,000	8
All animal operations	142 operations	

#### Agricultural Land

Total number of farms	280
Total farmland <sup>5</sup>	68,162 acres
Forage/pasture/non-crop farmland <sup>6</sup>	12,807 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	1	0.68%

### Processing and Warehousing

Wholesale food processing plants	5	0.25%
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	17	0.67%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	84	0.27%
Retail food establishments	45	0.31%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$54,276,570	0.22%
Emergency food distribution sites <sup>9</sup>	8	0.34%
Pounds distributed	203,334	0.26%
Students eligible for free or reduced school lunch <sup>10</sup>	1,353	0.18%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,663	0.3 %
Total federal funding for SNAP	\$8,954,240	0.3 %
Pet population (estimate) <sup>12</sup>	11,799	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## ONTONAGON

Area <sup>1</sup>	1,311.23 square miles
Population <sup>2</sup>	6,742
Largest City	Ontonagon
Watershed(s)	Ontonagon, Presque Isle



### Top Commodities by Volume of Sales<sup>3</sup>

- Cattle and calves
- Milk and other dairy products from cows
- Grains, oilseeds, dry beans, and dry peas
- Horses, ponies, mules, burros, and donkeys

### Top Commodities by Acreage

- Forage
- Wheat
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$2,204,000	
Total crop sales	\$1,656,000	
Total livestock sales	\$548,000	

### Key Michigan Products

Corn, soy, and wheat	209 acres ( 1.00% of cropland)	
Revenue from corn, soy, and wheat	\$	
Vegetables	17 acres ( .08% of cropland)	
Revenue from vegetables	\$9,000	
Fruit and tree nuts	1 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	1 farms	
Revenue from milk and other dairy	\$25,491,000	18
All animal operations	43 operations	

### Agricultural Land

Total number of farms	109
Total farmland <sup>5</sup>	29,063 acres
Forage/pasture/non-crop farmland <sup>6</sup>	8,165 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	4	0.2 %
Food warehouses	1	0.09%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	3	0.12%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	41	0.13%
Retail food establishments	14	0.1 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$21,307,869	0.09%
Emergency food distribution sites <sup>9</sup>	3	0.14%
Pounds distributed	73,179	0.09%
Students eligible for free or reduced school lunch <sup>10</sup>	376	0.05%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,088	0.06%
Total federal funding for SNAP	\$1,720,327	0.06%
Pet population (estimate) <sup>12</sup>	3,676	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### OSCEOLA

Area <sup>1</sup>	566.39 square miles
Population <sup>2</sup>	23,508
Largest City	Reed City
Watershed(s)	Muskegon, Manistee, Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Cattle and calves
- Other crops and hay
- Vegetables, melons, potatoes, and sweet potatoes
- Grains, oilseeds, dry beans, and dry peas
- Cut Christmas trees and short rotation woody crops
- Other animals and other anim
- Sheep, goats, and their products
- Hogs and pigs
- Fruits, tree nuts, and berries
- Nursery, greenhouse, floriculture, and sod
- Horses, ponies, mules, burros, and donkeys
- Poultry and eggs

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$45,684,000	
Total crop sales	\$13,010,000	
Total livestock sales	\$32,674,000	

#### Key Michigan Products

Corn, soy, and wheat	14,954 acres ( 17.67% of cropland)	
Revenue from corn, soy, and wheat	\$6,223,000	
Vegetables	125 acres ( .15% of cropland)	
Revenue from vegetables	\$333,268	
Fruit and tree nuts	13 operations	
Revenue from fruits, tree nuts, and berries	\$61,000	
Dairy farms	59 farms	10
Revenue from milk and other dairy	\$1,264,000	
All animal operations	344 operations	

#### Agricultural Land

Total number of farms	750	
Total farmland <sup>5</sup>	110,562 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	25,910 acres	10
Number of farms using certified organic production	5	
Number of farms transitioning to organic production	0	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	14	0.7 %
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	1	9.09%
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	9	0.35%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	87	0.28%
Retail food establishments	45	0.31%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$57,306,852	0.23%
Emergency food distribution sites <sup>9</sup>	15	0.62%
Pounds distributed	263,650	0.34%
Students eligible for free or reduced school lunch <sup>10</sup>	2,549	0.35%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,276	0.28%
Total federal funding for SNAP	\$8,342,323	0.28%
Pet population (estimate) <sup>12</sup>	12,817	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	4
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	5

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### OSCODA

Area <sup>1</sup>	565.73 square miles
Population <sup>2</sup>	8,614
Largest City	Mio
Watershed(s)	Au Sable, Thunder Bay



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Other animals and other animal products</li> <li>•Other crops and hay</li> </ul> | <ul style="list-style-type: none"> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> </ul> |
|--|--|

#### Top Commodities by Acreage

- Forage
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$6,907,000	
Total crop sales	\$1,178,000	
Total livestock sales	\$5,729,000	

#### Key Michigan Products

Corn, soy, and wheat	1,432 acres ( 12.88% of cropland)
Revenue from corn, soy, and wheat	\$
Vegetables	20 acres ( .18% of cropland)
Revenue from vegetables	\$
Fruit and tree nuts	4 operations
Revenue from fruits, tree nuts, and berries	\$10,000
Dairy farms	21 farms
Revenue from milk and other dairy	\$2,482,000
All animal operations	93 operations

#### Agricultural Land

Total number of farms	145
Total farmland <sup>5</sup>	16,748 acres
Forage/pasture/non-crop farmland <sup>6</sup>	5,632 acres
Number of farms using certified organic production	5
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	9	0.45%
Food warehouses	2	0.18%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	3	3.8 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	6	0.24%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	38	0.12%
Retail food establishments	22	0.15%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$24,561,906	0.1 %
Emergency food distribution sites <sup>9</sup>	4	0.15%
Pounds distributed	237,643	0.31%
Students eligible for free or reduced school lunch <sup>10</sup>	648	0.09%
Households receiving FAP (SNAP) benefits <sup>11</sup>	2,104	0.11%
Total federal funding for SNAP	\$3,326,809	0.11%
Pet population (estimate) <sup>12</sup>	4,696	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	3

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## OTSEGO

Area <sup>1</sup>	514.97 square miles
Population <sup>2</sup>	24,153
Largest City	Gaylord
Watershed(s)	Cheboygan, Au Sable, Manistee



### Top Commodities by Volume of Sales<sup>3</sup>

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Other crops and hay</li> <li>•Cattle and Calves</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Other animals and other animal products</li> </ul> | <ul style="list-style-type: none"> <li>•Poultry and Eggs</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Hogs and pigs</li> <li>•Aquaculture</li> </ul> |
|---|--|

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$7,066,000	
Total crop sales	\$6,044,000	
Total livestock sales	\$1,022,000	

### Key Michigan Products

Corn, soy, and wheat	2,720 acres ( 12.16% of cropland)
Revenue from corn, soy, and wheat	\$1,137,000
Vegetables	788 acres ( 3.52% of cropland)
Revenue from vegetables	\$3,133,050
Fruit and tree nuts	6 operations
Revenue from fruits, tree nuts, and berries	\$35,000
Dairy farms	1 farms
Revenue from milk and other dairy	\$4,756,000
All animal operations	71 operations

### Agricultural Land

Total number of farms	180
Total farmland <sup>5</sup>	32,293 acres
Forage/pasture/non-crop farmland <sup>6</sup>	9,929 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	137
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	10	0.5 %
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	17	0.67%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	130	0.41%
Retail food establishments	47	0.33%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$62,696,151	0.26%
Emergency food distribution sites <sup>9</sup>	2	0.06%
Pounds distributed	103,534	0.13%
Students eligible for free or reduced school lunch <sup>10</sup>	2,041	0.28%
Households receiving FAP (SNAP) benefits <sup>11</sup>	5,146	0.27%
Total federal funding for SNAP	\$8,136,769	0.27%
Pet population (estimate) <sup>12</sup>	13,168	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	2

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# Michigan Food and Agricultural Systems Profiles

## OTTAWA

Area <sup>1</sup>	563.47 square miles
Population <sup>2</sup>	264,055
Largest City	Holland
Watershed(s)	Grand, Macatawa



### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Poultry and eggs</li> <li>•Fruits, tree nuts, and berries</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> </ul> | <ul style="list-style-type: none"> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Hogs and pigs</li> <li>•Other crops and hay</li> <li>•Other animals and other animal products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|---|---|

### Top Commodities by Acreage

- Corn
- Forage
- Layers

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$534,404,000	3
Total crop sales	\$300,308,000	2
Total livestock sales	\$234,096,000	4

### Key Michigan Products

Corn, soy, and wheat	90,100 acres ( 58.79% of cropland)	
Revenue from corn, soy, and wheat	\$50,276,000	
Vegetables	6,926 acres ( 4.52% of cropland)	15
Revenue from vegetables	\$14,378,532	9
Fruit and tree nuts	128 operations	5
Revenue from fruits, tree nuts, and berries	\$45,536,000	2
Dairy farms	66 farms	6
Revenue from milk and other dairy	\$1,730,000	
All animal operations	510 operations	2

### Agricultural Land

Total number of farms	1,363	5
Total farmland <sup>5</sup>	186,154 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	32,884 acres	1
Number of farms using certified organic production	12	
Number of farms transitioning to organic production	139	
Area of greenhouse/nursery operations (sq. ft)	12,376,840	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	6	4.05%

### Processing and Warehousing

Wholesale food processing plants	63	3.16%
Food warehouses	34	3.05%
Controlled atmosphere storage facilities	8	12.12%
Dairy processing plants	7	8.86%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	59	2.33%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	694	2.2 %
Retail food establishments	271	1.89%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$603,428,877	2.47%
Emergency food distribution sites <sup>9</sup>	58	2.51%
Pounds distributed	1,535,641	1.99%
Students eligible for free or reduced school lunch <sup>10</sup>	16,068	2.19%
Households receiving FAP (SNAP) benefits <sup>11</sup>	29,350	1.53%
Total federal funding for SNAP	\$46,407,727	1.53%
Pet population (estimate) <sup>12</sup>	143,962	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	8
U-pick farms/On-farm markets	11
Farms using community Supported Agriculture	10

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## PRESQUE ISLE

Area <sup>1</sup>	658.72 square miles
Population <sup>2</sup>	13,298
Largest City	Rogers City
Watershed(s)	Oqueoc, Cheboygan, Thunder Bay



### Top Commodities by Volume of Sales<sup>3</sup>

- Milk and other dairy products from cows
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Other crops and hay
- Nursery, greenhouse, floriculture, and sod
- Other animals and other animal products
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Poultry and eggs
- Sheep, goats, and their products

### Top Commodities by Acreage

- Forage
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$22,821,000	
Total crop sales	\$17,469,000	
Total livestock sales	\$5,352,000	

### Key Michigan Products

Corn, soy, and wheat	17,861 acres ( 26.13% of cropland)
Revenue from corn, soy, and wheat	\$9,623,000
Vegetables	1,802 acres ( 2.64% of cropland)
Revenue from vegetables	\$5,142,776
Fruit and tree nuts	9 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	11 farms
Revenue from milk and other dairy	\$1,464,000
All animal operations	128 operations

### Agricultural Land

Total number of farms	323
Total farmland <sup>5</sup>	81,536 acres
Forage/pasture/non-crop farmland <sup>6</sup>	13,190 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	750

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	1	0.52%
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	7	0.35%
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	2	4.08%
Meat processing plants (MDARD licensed)	19	0.75%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	77	0.24%
Retail food establishments	31	0.22%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$39,144,339	0.16%
Emergency food distribution sites <sup>9</sup>	5	0.23%
Pounds distributed	84,321	0.11%
Students eligible for free or reduced school lunch <sup>10</sup>	775	0.11%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,852	0.1 %
Total federal funding for SNAP	\$2,928,351	0.1 %
Pet population (estimate) <sup>12</sup>	7,250	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## ROSCOMMON

Area <sup>1</sup>	519.64 square miles
Population <sup>2</sup>	24,447
Largest City	Houghton Lake
Watershed(s)	Muskegon, Au Sable, Saginaw



### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> </ul> | <ul style="list-style-type: none"> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Sheep, goats, and their products</li> </ul> |
|---|---|

### Top Commodities by Acreage

- Forage
- Christmas Trees
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$	
Total crop sales	\$290,000	
Total livestock sales	N/A	

### Key Michigan Products

Corn, soy, and wheat	acres ( .00% of cropland)
Revenue from corn, soy, and wheat	\$41,000
Vegetables	acres ( .00% of cropland)
Revenue from vegetables	\$
Fruit and tree nuts	N/A operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	20 operations

### Agricultural Land

Total number of farms	58
Total farmland <sup>5</sup>	7,433 acres
Forage/pasture/non-crop farmland <sup>6</sup>	2,948 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	3	0.15%
Food warehouses	6	0.54%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	12	0.47%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	113	0.36%
Retail food establishments	55	0.38%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$73,027,239	0.3 %
Emergency food distribution sites <sup>9</sup>	5	0.22%
Pounds distributed	233,367	0.3 %
Students eligible for free or reduced school lunch <sup>10</sup>	2,107	0.29%
Households receiving FAP (SNAP) benefits <sup>11</sup>	6,234	0.33%
Total federal funding for SNAP	\$9,857,096	0.33%
Pet population (estimate) <sup>12</sup>	13,328	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### SAGINAW

Area <sup>1</sup>	800.11 square miles
Population <sup>2</sup>	199,874
Largest City	Saginaw
Watershed(s)	Saginaw



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Other crops and hay
- Milk and other dairy products from cows
- Nursery, greenhouse, floriculture, and sod
- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Hogs and pigs
- Other animals and other animal products
- Poultry and eggs
- Fruits, tree nuts, and berries
- Horses, ponies, mules, burros, and donkeys
- Cut Christmas trees and short rotation woody crops
- Sheep, goats, and their products

#### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$243,639,000	10
Total crop sales	\$223,309,000	5
Total livestock sales	\$20,330,000	

#### Key Michigan Products

Corn, soy, and wheat	222,144 acres ( 75.59% of cropland)	4
Revenue from corn, soy, and wheat	\$169,898,000	3
Vegetables	13,537 acres ( 4.61% of cropland)	7
Revenue from vegetables	\$10,458,248	10
Fruit and tree nuts	27 operations	17
Revenue from fruits, tree nuts, and berries	\$429,000	
Dairy farms	25 farms	
Revenue from milk and other dairy	\$3,180,000	
All animal operations	242 operations	

#### Agricultural Land

Total number of farms	1,318	7
Total farmland <sup>5</sup>	309,710 acres	5
Forage/pasture/non-crop farmland <sup>6</sup>	15,822 acres	
Number of farms using certified organic production	9	
Number of farms transitioning to organic production	145	
Area of greenhouse/nursery operations (sq. ft)	22,539	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	12	6.28%
Pesticide storage facilities	8	5.41%

### Processing and Warehousing

Wholesale food processing plants	20	1. %
Food warehouses	27	2.42%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	34	1.34%
Rendering facilities	3	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	670	2.13%
Retail food establishments	296	2.07%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$494,984,418	2.03%
Emergency food distribution sites <sup>9</sup>	48	2.08%
Pounds distributed	1,366,828	1.77%
Students eligible for free or reduced school lunch <sup>10</sup>	16,781	2.29%
Households receiving FAP (SNAP) benefits <sup>11</sup>	48,752	2.55%
Total federal funding for SNAP	\$77,085,843	2.55%
Pet population (estimate) <sup>12</sup>	108,971	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	5
U-pick farms/On-farm markets	4
Farms using community Supported Agriculture	4

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### SANILAC

Area <sup>1</sup>	721.17 square miles
Population <sup>2</sup>	43,051
Largest City	Sandusky
Watershed(s)	Saginaw, Black



#### Top Commodities by Volume of Sales<sup>3</sup>

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Other crops and hay</li> <li>•Nursery, greenhouse, floriculture, and sod</li> </ul> | <ul style="list-style-type: none"> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Hogs and pigs</li> <li>•Poultry and eggs</li> <li>•Other animals and other animal products</li> <li>•Horses, ponies, mules, burros, and donkeys</li> </ul> |
|---|---|

#### Top Commodities by Acreage

- Soybeans
- Corn
- Pheasants

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$420,966,000	4
Total crop sales	\$280,054,000	3
Total livestock sales	\$140,912,000	6

#### Key Michigan Products

Corn, soy, and wheat	298,551 acres ( 69.86% of cropland)	1
Revenue from corn, soy, and wheat	\$203,832,000	1
Vegetables	1,006 acres ( .24% of cropland)	
Revenue from vegetables	\$1,067,160	
Fruit and tree nuts	9 operations	
Revenue from fruits, tree nuts, and berries	\$51,000	
Dairy farms	134 farms	1
Revenue from milk and other dairy	(D)	
All animal operations	485 operations	4

#### Agricultural Land

Total number of farms	1,467	3
Total farmland <sup>5</sup>	456,877 acres	1
Forage/pasture/non-crop farmland <sup>6</sup>	29,511 acres	3
Number of farms using certified organic production	26	
Number of farms transitioning to organic production	151	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	18	0.9 %
Food warehouses	7	0.63%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	28	1.1 %
Rendering facilities	3	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	171	0.54%
Retail food establishments	84	0.59%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$409,682,619	1.68%
Emergency food distribution sites <sup>9</sup>	6	0.24%
Pounds distributed	485,455	0.63%
Students eligible for free or reduced school lunch <sup>10</sup>	10,640	1.45%
Households receiving FAP (SNAP) benefits <sup>11</sup>	31,494	1.65%
Total federal funding for SNAP	\$49,797,784	1.65%
Pet population (estimate) <sup>12</sup>	23,471	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	9

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

# SCHOOLCRAFT

Area<sup>1</sup> 500.59 square miles  
 Population<sup>2</sup> 8,478  
 Largest City Manistique  
 Watershed(s) Manistique



## Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Milk and other dairy products from cows
- Cattle and calves
- Fruits, tree nuts, and berries
- Other animals and other animal products
- Vegetables, melons, potatoes, and sweet potatoes
- Hogs and pigs

## Top Commodities by Acreage

- Forage
- Oats
- Cattle

## Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$2,169,000	
Total crop sales	\$1,365,000	
Total livestock sales	\$804,000	

## Key Michigan Products

Corn, soy, and wheat	acres ( .00% of cropland)	
Revenue from corn, soy, and wheat	\$	
Vegetables	24 acres ( .15% of cropland)	
Revenue from vegetables	\$	
Fruit and tree nuts	4 operations	
Revenue from fruits, tree nuts, and berries	\$13,000	
Dairy farms	1 farms	
Revenue from milk and other dairy	\$26,170,000	16
All animal operations	24 operations	

## Agricultural Land

Total number of farms	65
Total farmland <sup>5</sup>	19,423 acres
Forage/pasture/non-crop farmland <sup>6</sup>	2,971 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	3	0.15%
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	2	0.08%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	49	0.16%
Retail food establishments	23	0.16%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$142,295,394	0.58%
Emergency food distribution sites <sup>9</sup>	3	0.12%
Pounds distributed	54,404	0.07%
Students eligible for free or reduced school lunch <sup>10</sup>	6,507	0.89%
Households receiving FAP (SNAP) benefits <sup>11</sup>	12,967	0.68%
Total federal funding for SNAP	\$20,503,202	0.68%
Pet population (estimate) <sup>12</sup>	4,622	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	0

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### SHIAWASSEE

Area <sup>1</sup>	962.57 square miles
Population <sup>2</sup>	70,638
Largest City	Corunna
Watershed(s)	Saginaw, Grand



#### Top Commodities by Volume of Sales<sup>3</sup>

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Milk and other dairy products from cows</li> <li>•Cattle and calves</li> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Other crops and hay</li> <li>•Horses, ponies, mules, burros, and donkeys</li> <li>•Fruits, tree nuts, and berries</li> </ul> | <ul style="list-style-type: none"> <li>•Hogs and pigs</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Sheep, goats, and their products</li> <li>•Other animals and other animal products</li> <li>•Poultry and eggs</li> <li>•Cut Christmas trees and short rotation woody crops</li> </ul> |
|---|--|

#### Top Commodities by Acreage

- Soybeans
- Corn
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$145,169,000	
Total crop sales	\$113,439,000	
Total livestock sales	\$31,730,000	

#### Key Michigan Products

Corn, soy, and wheat	168,027 acres ( 80.67% of cropland)	9
Revenue from corn, soy, and wheat	\$106,455,000	11
Vegetables	80 acres ( .04% of cropland)	
Revenue from vegetables	\$365,000	
Fruit and tree nuts	5 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	25 farms	
Revenue from milk and other dairy	(D)	
All animal operations	351 operations	

#### Agricultural Land

Total number of farms	1,033	
Total farmland <sup>5</sup>	223,370 acres	14
Forage/pasture/non-crop farmland <sup>6</sup>	15,073 acres	
Number of farms using certified organic production	10	
Number of farms transitioning to organic production	155	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	5	2.62%
Pesticide storage facilities	4	2.7 %

### Processing and Warehousing

Wholesale food processing plants	7	0.35%
Food warehouses	8	0.72%
Controlled atmosphere storage facilities	1	1.52%
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	1	2.04%
Meat processing plants (MDARD licensed)	19	0.75%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	203	0.64%
Retail food establishments	77	0.54%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$104,928,309	0.43%
Emergency food distribution sites <sup>9</sup>	22	0.95%
Pounds distributed	409,402	0.53%
Students eligible for free or reduced school lunch <sup>10</sup>	3,780	0.52%
Households receiving FAP (SNAP) benefits <sup>11</sup>	9,154	0.48%
Total federal funding for SNAP	\$14,474,151	0.48%
Pet population (estimate) <sup>12</sup>	38,512	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	8
U-pick farms/On-farm markets	2
Farms using community Supported Agriculture	7

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## ST CLAIR

Area <sup>1</sup>	1,171.36 square miles
Population <sup>2</sup>	162,678
Largest City	Port Huron
Watershed(s)	Pine, Belle, Black



### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Nursery, greenhouse, floriculture, and sod
- Vegetables, melons, potatoes, and sweet potatoes
- Milk and other dairy products from cows
- Other crops and hay
- Cattle and calves
- Fruits, tree nuts, and berries
- Horses, ponies, mules, burros, and donkeys
- Other animals and other animal products
- Poultry and eggs
- Cut Christmas trees and short rotation woody crops
- Hogs and pigs
- Sheep, goats, and their products

### Top Commodities by Acreage

- Soybeans
- Corn
- Cattle

### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$107,936,000	
Total crop sales	\$97,871,000	
Total livestock sales	\$10,065,000	

### Key Michigan Products

Corn, soy, and wheat	122,069 acres ( 74.60% of cropland)	19
Revenue from corn, soy, and wheat	\$84,998,000	19
Vegetables	1,052 acres ( .64% of cropland)	
Revenue from vegetables	\$2,074,260	
Fruit and tree nuts	15 operations	
Revenue from fruits, tree nuts, and berries	\$212,000	
Dairy farms	12 farms	
Revenue from milk and other dairy	(D)	
All animal operations	340 operations	

### Agricultural Land

Total number of farms	1,049
Total farmland <sup>5</sup>	179,967 acres
Forage/pasture/non-crop farmland <sup>6</sup>	16,334 acres
Number of farms using certified organic production	5
Number of farms transitioning to organic production	147
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	9	0.45%
Food warehouses	12	1.08%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	0	0.0 %
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants	Marysville Ethanol, LLC	

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	481	1.53%
Retail food establishments	222	1.55%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$23,340,843	0.1 %
Emergency food distribution sites <sup>9</sup>	19	0.8 %
Pounds distributed	1,201,369	1.55%
Students eligible for free or reduced school lunch <sup>10</sup>	473	0.06%
Households receiving FAP (SNAP) benefits <sup>11</sup>	1,407	0.07%
Total federal funding for SNAP	\$2,224,725	0.07%
Pet population (estimate) <sup>12</sup>	88,692	
Port(s) of entry	Port Huron Bridge (motor and rail)	

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	7

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

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<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

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<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

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<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### ST JOSEPH

Area <sup>1</sup>	530.67 square miles
Population <sup>2</sup>	61,264
Largest City	Three Rivers
Watershed(s)	St. Joseph



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Milk and other dairy products from cows
- Hogs and pigs
- Cattle and calves
- Nursery, greenhouse, floriculture, and sod
- Other crops and hay
- Poultry and eggs
- Other animals and other animal products
- Fruits, tree nuts, and berries
- Horses, ponies, mules, burros, and donkeys
- Sheep, goats, and their products
- Cut Christmas trees and short rotation woody crops

#### Top Commodities by Acreage

- Corn
- Soybeans
- Broilers

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$238,053,000	11
Total crop sales	\$190,933,000	9
Total livestock sales	\$47,120,000	19

#### Key Michigan Products

Corn, soy, and wheat	157,839 acres ( 77.40% of cropland)	14
Revenue from corn, soy, and wheat	\$150,935,000	6
Vegetables	21,716 acres ( 10.65% of cropland)	3
Revenue from vegetables	\$34,461,000	3
Fruit and tree nuts	16 operations	
Revenue from fruits, tree nuts, and berries	N/A	
Dairy farms	38 farms	16
Revenue from milk and other dairy	(D)	
All animal operations	362 operations	20

#### Agricultural Land

Total number of farms	967	
Total farmland <sup>5</sup>	221,745 acres	16
Forage/pasture/non-crop farmland <sup>6</sup>	17,814 acres	
Number of farms using certified organic production	14	
Number of farms transitioning to organic production	149	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	12	0.6 %
Food warehouses	5	0.45%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	1	1.27%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	0	0.0 %
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	199	0.63%
Retail food establishments	84	0.59%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$175,027,554	0.72%
Emergency food distribution sites <sup>9</sup>	19	0.82%
Pounds distributed	410,982	0.53%
Students eligible for free or reduced school lunch <sup>10</sup>	5,771	0.79%
Households receiving FAP (SNAP) benefits <sup>11</sup>	13,316	0.7 %
Total federal funding for SNAP	\$21,055,035	0.7 %
Pet population (estimate) <sup>12</sup>	33,401	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	3
Farms using community Supported Agriculture	9

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### TUSCOLA

Area <sup>1</sup>	803.13 square miles
Population <sup>2</sup>	55,678
Largest City	Caro
Watershed(s)	Saginaw, Sebewaing



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Nursery, greenhouse, floriculture, and sod
- Milk and other dairy products from cows
- Cattle and calves
- Vegetables, melons, potatoes, and sweet potatoes
- Other crops and hay
- Sheep, goats, and their products
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Fruits, tree nuts, and berries
- Cut Christmas trees and short rotation woody crops
- Poultry and eggs

#### Top Commodities by Acreage

- Corn
- Soybeans
- Layers

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$274,446,000	7
Total crop sales	\$226,266,000	4
Total livestock sales	\$48,180,000	18

#### Key Michigan Products

Corn, soy, and wheat	192,676 acres ( 63.66% of cropland)	6
Revenue from corn, soy, and wheat	\$156,299,000	5
Vegetables	6,135 acres ( 2.03% of cropland)	16
Revenue from vegetables	\$8,344,465	13
Fruit and tree nuts	16 operations	
Revenue from fruits, tree nuts, and berries	\$120,000	
Dairy farms	38 farms	17
Revenue from milk and other dairy	\$10,970,000	
All animal operations	392 operations	16

#### Agricultural Land

Total number of farms	1,322	6
Total farmland <sup>5</sup>	325,372 acres	4
Forage/pasture/non-crop farmland <sup>6</sup>	22,719 acres	19
Number of farms using certified organic production	46	
Number of farms transitioning to organic production	157	
Area of greenhouse/nursery operations (sq. ft)	n/a	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	6	3.14%
Pesticide storage facilities	5	3.38%

### Processing and Warehousing

Wholesale food processing plants	12	0.6 %
Food warehouses	3	0.27%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	26	1.03%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants	POET Biorefining - Caro	

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	149	0.47%
Retail food establishments	80	0.56%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$135,806,499	0.56%
Emergency food distribution sites <sup>9</sup>	12	0.51%
Pounds distributed	295,531	0.38%
Students eligible for free or reduced school lunch <sup>10</sup>	5,216	0.71%
Households receiving FAP (SNAP) benefits <sup>11</sup>	10,524	0.55%
Total federal funding for SNAP	\$16,640,372	0.55%
Pet population (estimate) <sup>12</sup>	30,356	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	2
U-pick farms/On-farm markets	0
Farms using community Supported Agriculture	7

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811---,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### VAN BUREN

Area <sup>1</sup>	607.47 square miles
Population <sup>2</sup>	76,157
Largest City	Paw Paw, South Haven
Watershed(s)	St. Joseph, Black, Kalamazoo



#### Top Commodities by Volume of Sales<sup>3</sup>

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>•Nursery, greenhouse, floriculture, and sod</li> <li>•Grains, oilseeds, dry beans, and dry peas</li> <li>•Vegetables, melons, potatoes, and sweet potatoes</li> <li>•Poultry and eggs</li> <li>•Aquaculture</li> <li>•Horses, ponies, mules, burros, and donkeys</li> </ul> | <ul style="list-style-type: none"> <li>•Other crops and hay</li> <li>•Other animals and other animal products</li> <li>•Sheep, goats, and their products</li> <li>•Hogs and pigs</li> <li>•Milk and other dairy products from cows</li> </ul> |
|--|---|

#### Top Commodities by Acreage

- Corn
- Soybeans
- Hogs

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$194,665,000	15
Total crop sales	\$161,414,000	12
Total livestock sales	\$33,251,000	

#### Key Michigan Products

Corn, soy, and wheat	76,760 acres ( 51.42% of cropland)	
Revenue from corn, soy, and wheat	\$58,293,000	
Vegetables	7,280 acres ( 4.88% of cropland)	13
Revenue from vegetables	\$28,891,050	5
Fruit and tree nuts	307 operations	1
Revenue from fruits, tree nuts, and berries	\$60,033,000	1
Dairy farms	14 farms	
Revenue from milk and other dairy	\$18,673,000	
All animal operations	272 operations	

#### Agricultural Land

Total number of farms	1,113	16
Total farmland <sup>5</sup>	175,121 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	25,833 acres	11
Number of farms using certified organic production	3	
Number of farms transitioning to organic production	159	
Area of greenhouse/nursery operations (sq. ft)	N/A	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	3	2.03%

### Processing and Warehousing

Wholesale food processing plants	36	1.8 %
Food warehouses	13	1.16%
Controlled atmosphere storage facilities	3	4.55%
Dairy processing plants	2	2.53%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	23	0.91%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	248	0.79%
Retail food establishments	138	0.96%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$181,420,554	0.74%
Emergency food distribution sites <sup>9</sup>	23	1. %
Pounds distributed	271,279	0.35%
Students eligible for free or reduced school lunch <sup>10</sup>	8,551	1.17%
Households receiving FAP (SNAP) benefits <sup>11</sup>	17,288	0.9 %
Total federal funding for SNAP	\$27,335,495	0.9 %
Pet population (estimate) <sup>12</sup>	41,521	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	6
U-pick farms/On-farm markets	15
Farms using community Supported Agriculture	11

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### WASHTENAW

Area <sup>1</sup>	705.97 square miles
Population <sup>2</sup>	345,243
Largest City	Ann Arbor
Watershed(s)	Huron, Rouge, Stony Creek, Raisin



#### Top Commodities by Volume of Sales<sup>3</sup>

- Grains, oilseeds, dry beans, and dry peas
- Nursery, greenhouse, floriculture, and sod
- Milk and other dairy products from cows
- Cattle and calves
- Vegetables, melons, potatoes, and sweet potatoes
- Other crops and hay
- Sheep, goats, and their products
- Horses, ponies, mules, burros, and donkeys
- Hogs and pigs
- Fruits, tree nuts, and berries
- Cut Christmas trees and short rotation woody crops
- Other crops and hay
- Poultry and eggs

#### Top Commodities by Acreage

- Corn
- Soybeans
- Cattle

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$87,761,000	
Total crop sales	\$67,584,000	
Total livestock sales	\$20,177,000	

#### Key Michigan Products

Corn, soy, and wheat	105,561 acres ( 71.80% of cropland)	
Revenue from corn, soy, and wheat	\$46,554,000	
Vegetables	1,843 acres ( 1.25% of cropland)	
Revenue from vegetables	\$5,425,378	19
Fruit and tree nuts	39 operations	11
Revenue from fruits, tree nuts, and berries	\$548,000	
Dairy farms	25 farms	
Revenue from milk and other dairy	\$53,137,000	9
All animal operations	477 operations	5

#### Agricultural Land

Total number of farms	1,236	8
Total farmland <sup>5</sup>	170,154 acres	
Forage/pasture/non-crop farmland <sup>6</sup>	23,125 acres	17
Number of farms using certified organic production	6	
Number of farms transitioning to organic production	161	
Area of greenhouse/nursery operations (sq. ft)	25,810	

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	3	1.57%
Pesticide storage facilities	3	2.03%

### Processing and Warehousing

Wholesale food processing plants	60	3.01%
Food warehouses	24	2.15%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	4	5.06%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	0	0.0 %
Meat processing plants (MDARD licensed)	46	1.81%
Rendering facilities	1	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	1191	3.78%
Retail food establishments	386	2.7 %
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$862,307,019	3.53%
Emergency food distribution sites <sup>9</sup>	119	5.12%
Pounds distributed	4,828,303	6.24%
Students eligible for free or reduced school lunch <sup>10</sup>	14,516	1.98%
Households receiving FAP (SNAP) benefits <sup>11</sup>	40,690	2.13%
Total federal funding for SNAP	\$64,338,344	2.13%
Pet population (estimate) <sup>12</sup>	188,226	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	18
U-pick farms/On-farm markets	11
Farms using community Supported Agriculture	21

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### WAYNE

Area <sup>1</sup>	612.08 square miles
Population <sup>2</sup>	1,815,544
Largest City	Detroit
Watershed(s)	Rouge, Clinton, Huron



#### Top Commodities by Volume of Sales<sup>3</sup>

- Nursery, greenhouse, floriculture, and sod
- Grains, oilseeds, dry beans, and dry peas
- Vegetables, melons, potatoes, and sweet potatoes
- Cattle and calves
- Aquaculture
- Horses, ponies, mules, burros, and donkeys
- Poultry and eggs
- Fruits, tree nuts, and berries
- Other animals and other animal products
- Sheep, goats, and their products
- Hogs and pigs
- Milk and other dairy products from cows

#### Top Commodities by Acreage

- Soybeans
- Corn
- Layers

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$26,535,000	
Total crop sales	\$26,059,000	
Total livestock sales	\$476,000	

#### Key Michigan Products

Corn, soy, and wheat	7,864 acres ( 61.46% of cropland)
Revenue from corn, soy, and wheat	\$3,236,000
Vegetables	1,149 acres ( 8.98% of cropland)
Revenue from vegetables	\$1,736,993
Fruit and tree nuts	9 operations
Revenue from fruits, tree nuts, and berries	N/A
Dairy farms	N/A farms
Revenue from milk and other dairy	N/A
All animal operations	79 operations

#### Agricultural Land

Total number of farms	287
Total farmland <sup>5</sup>	15,767 acres
Forage/pasture/non-crop farmland <sup>6</sup>	2,971 acres
Number of farms using certified organic production	2
Number of farms transitioning to organic production	163
Area of greenhouse/nursery operations (sq. ft)	N/A

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	2	1.05%
Pesticide storage facilities	3	2.03%

### Processing and Warehousing

Wholesale food processing plants	211	10.57%
Food warehouses	194	17.38%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	10	12.66%
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	10	20.41%
Meat processing plants (MDARD licensed)	368	14.51%
Rendering facilities	8	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	5230	16.61%
Retail food establishments	2822	19.72%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$4,310,563,359	17.66%
Emergency food distribution sites <sup>9</sup>	249	10.71%
Pounds distributed	18,772,885	24.28%
Students eligible for free or reduced school lunch <sup>10</sup>	169,626	23.14%
Households receiving FAP (SNAP) benefits <sup>11</sup>	535,011	27.95%
Total federal funding for SNAP	\$845,950,403	27.95%
Pet population (estimate) <sup>12</sup>	989,830	
Port(s) of entry	Ambassador Bridge, Detroit Metro Airport, Willow Run Airport, Port of Detroit	

### Local Distribution<sup>13</sup>

Farmers' markets	32
U-pick farms/On-farm markets	5
Farms using community Supported Agriculture	11

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

<sup>3</sup> Michigan Farm Bureau, Treasures of Michigan Agriculture, <https://www.michfb.com/MI/Treasures/>

<sup>4</sup> USDA 2012 AgCensus Statewide profile [http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/County\\_Profiles/Michigan/cp99026.pdf](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/County_Profiles/Michigan/cp99026.pdf)

<sup>5</sup> Totals from 2012 USDA AgCensus available from National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>

<sup>6</sup> Includes non-crop farmland, pasture, and woodland pasture acreage

<sup>7</sup> Michigan Department of Agriculture and Rural Development, Annual Reports, [http://www.michigan.gov/mdard/0,4610,7-125-2968\\_4811--,00.html](http://www.michigan.gov/mdard/0,4610,7-125-2968_4811--,00.html)

<sup>8</sup> Calculated from US Census estimated households in state with Bureau of Labor Statistics estimate of \$6,393/household expenditure for food.

<sup>9</sup> Food Bank Council of Michigan, [http://www.fbcmich.org/site/DocServer/Michigan\\_Blueprint\\_to\\_End\\_Hunger\\_2008\\_web.pdf?docID=1921](http://www.fbcmich.org/site/DocServer/Michigan_Blueprint_to_End_Hunger_2008_web.pdf?docID=1921) estimates rounded to nearest integer

<sup>10</sup> Michigan League for Public Policy, Kids Count in Michigan 2013 overview, <http://www.mlpp.org/kids-count/michigan-2/mi-data-book-2013>

<sup>11</sup> USDA measure for 2013 <http://www.fns.usda.gov/pd/supplemental-nutrition-assistance-program-snap>

<sup>12</sup> From 2012 population estimates (US Census Bureau) formula via Ohio Dept of Ag Animal Emergency Response Plan, 2006. Includes dogs, cats, birds, rabbits, rodents, and turtles.

<sup>13</sup> Michigan Agritourism Association [http://www.michiganfarmfun.com/index.php?option=com\\_mtree&Itemid=3](http://www.michiganfarmfun.com/index.php?option=com_mtree&Itemid=3)

## Michigan Food and Agricultural Systems Profiles

### WEXFORD

Area <sup>1</sup>	565.00 square miles
Population <sup>2</sup>	32,761
Largest City	Cadillac
Watershed(s)	Manistee, Muskegon



#### Top Commodities by Volume of Sales<sup>3</sup>

- Cattle and calves
- Milk and other dairy products from cows
- Cut Christmas trees and short rotation woody crops
- Other crops and hay
- Grains, oilseeds, dry beans, and dry peas
- Other animals and other animal products
- Nursery, greenhouse, floriculture, and sod
- Fruits, tree nuts, and berries
- Hogs and pigs
- Vegetables, melons, potatoes, and sweet potatoes
- Horses, ponies, mules, burros, and donkeys
- Sheep, goats, and their products

#### Top Commodities by Acreage

- Forage
- Christmas Trees
- Pheasants

#### Agricultural Revenues<sup>4</sup>

	Amount	MI top 20 ranking
Total market value of agriculture production	\$9,676,000	
Total crop sales	\$4,829,000	
Total livestock sales	\$4,847,000	

#### Key Michigan Products

Corn, soy, and wheat	5,312 acres ( 16.54% of cropland)
Revenue from corn, soy, and wheat	\$2,027,000
Vegetables	88 acres ( .27% of cropland)
Revenue from vegetables	\$259,000
Fruit and tree nuts	14 operations
Revenue from fruits, tree nuts, and berries	\$49,000
Dairy farms	17 farms
Revenue from milk and other dairy	\$13,318,000
All animal operations	147 operations

#### Agricultural Land

Total number of farms	357
Total farmland <sup>5</sup>	40,333 acres
Forage/pasture/non-crop farmland <sup>6</sup>	8,213 acres
Number of farms using certified organic production	0
Number of farms transitioning to organic production	0
Area of greenhouse/nursery operations (sq. ft)	n/a

## Michigan Food and Agricultural Systems Profiles

### Agricultural Chemicals<sup>7</sup>

	Number	Percent of MI Total
Fertilizer manufacturers, distributors, and storage facilities	0	0.0 %
Pesticide storage facilities	0	0.0 %

### Processing and Warehousing

Wholesale food processing plants	19	0.95%
Food warehouses	9	0.81%
Controlled atmosphere storage facilities	0	0.0 %
Dairy processing plants	0	0.0 %
Dairy warehouse, transfer, and truck cleaning facilities	0	0.0 %
Slaughter facilities (MDARD licensed)	2	4.08%
Meat processing plants (MDARD licensed)	26	1.03%
Rendering facilities	0	
Commercial feed manufacturing facilities	0	
Ethanol plants		

### Retailing and distribution<sup>8</sup>

Food service establishments (all)	123	0.39%
Retail food establishments	60	0.42%
Total amount spent by consumers on food (estimate) <sup>8</sup>	\$78,665,865	0.32%
Emergency food distribution sites <sup>9</sup>	19	0.83%
Pounds distributed	276,583	0.36%
Students eligible for free or reduced school lunch <sup>10</sup>	2,900	0.4 %
Households receiving FAP (SNAP) benefits <sup>11</sup>	8,192	0.43%
Total federal funding for SNAP	\$12,953,053	0.43%
Pet population (estimate) <sup>12</sup>	17,861	
Port(s) of entry		none

### Local Distribution<sup>13</sup>

Farmers' markets	1
U-pick farms/On-farm markets	1
Farms using community Supported Agriculture	1

<sup>1</sup> United States Census Bureau State & County Quick Facts: Michigan, <http://quickfacts.census.gov/qfd/states/26000.html>

<sup>2</sup> Michigan Economic Development Corporation Regional Economic Profiles [http://www.michiganbusiness.org/cm/Files/Reports/Regional\\_Economy/Michigan-Economy-Overview.pdf](http://www.michiganbusiness.org/cm/Files/Reports/Regional_Economy/Michigan-Economy-Overview.pdf)

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