

Michigan

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|-------------------------|--|
| Area ¹ | 81,898 square miles (36,176,779 acres of land ²) |
| Population ³ | 10,071,822 |

| Agricultural Revenues ² | Amount | Rank in US |
|---|-----------------|------------|
| Total market value of agriculture production ⁴ | \$5,753,219,000 | #15 |
| Total crop sales | \$3,329,928,000 | #15 |
| Total livestock sales | \$2,423,291,000 | #24 |

Key Michigan Products

| | | |
|--|---|-----|
| Corn for grain | 2,350,668 acres | #11 |
| Soybeans | 1,715,427 acres | #12 |
| Wheat | 523,153 acres | #17 |
| Revenue from corn, soy, and wheat | \$1,614,375,000 | |
| Sugarbeets | 150,054 acres | #4 |
| Edible dry beans | 195,419 acres | #2 |
| Vegetables | 174,685 acres | #7 |
| Cucumbers | 40,829 acres | #1 |
| Potatoes | 42,267 acres | #8 |
| Revenue from vegetables | \$347,305,000 | #9 |
| Apples | 44,189 acres | #3 |
| Tart cherries | 37,799 acres | #1 |
| Sweet cherries | 9,295 acres | #4 |
| Blueberries | 21,758 acres | #1 |
| Revenue from fruits, tree nuts and berries | \$392,472,000 | #5 |
| All animal operations | 26,042 operations (9,062,311 animals ⁵) | #21 |
| Dairy farms | 2,321 farms | #8 |
| Revenue from milk and other dairy | \$1,285,571,000 | #7 |
| Hogs and pigs | 2,930 operations | #10 |
| Revenue from hogs and pigs | \$357,495,000 | #12 |
| Poultry and eggs | 4,831 operations | #11 |
| Revenue from poultry and eggs | \$258,944,000 | #25 |
| Cattle and calves | 11,631 operations | #26 |
| Revenue from cattle and calves | \$449,371,000 | #28 |
| Greenhouse, nursery, floriculture, and sod | \$623,097,000 in revenue | #6 |
| Christmas trees | \$29,155,000 in revenue | #3 |

Agricultural Land³

| | |
|--|---|
| Total number of farms | 56,006 |
| Total farmland | 10,003,486 acres (28.0% of total area) |
| Forage/pasture/non-crop farmland | 1,160,467 acres (11.6% of farmland) |
| Number of farms using organic production | 632 (267 certified organic farms ⁶) |
| Cropland in organic production | 37,246 acres (includes non-certified acres) |
| Cropland in transition to organic | 11,182 acres |
| Area of greenhouse/nursery operations | 52,915,651 sq. ft. |

Michigan Agricultural Chemicals⁷

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|--|-----|
| Fertilizer manufacturers, distributors, and storage facilities | 267 |
| Pesticide storage facilities | 149 |

Processing and Warehousing⁷

| | |
|--|---------------|
| Wholesale food processing plants | 1,624 |
| Food warehouses | 1,043 |
| Controlled atmosphere storage facilities | 66 |
| Dairy processing plants | 71 |
| Dairy warehouse, transfer, and truck cleaning facilities | 29 |
| Slaughter facilities (MDA licensed) | 58 |
| Meat processing plants (MDA licensed) | 34 |
| Rendering facilities | 3 |
| Commercial feed manufacturing facilities | 409 |
| Livestock markets/buying stations | 24 |
| Ethanol plants | 5 operational |

Retailing and Distribution

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|---|------------------|
| Food service establishments (all) ⁸ | 36,897 |
| Retail food establishments | 14,662 |
| Total amount spent by consumers on food (estimate) ⁹ | \$23,186,200,000 |
| Emergency food distribution sites ¹⁰ | 2790 |
| Pounds distributed | 200,833,754 |
| Students receiving free or reduced school lunch ¹¹ | 642,332 |
| Households receiving food stamp benefits | 1,176,556 |
| Total federal funding for food stamp benefits | \$9,665,998 |
| Pet population (estimate) ¹² | 5,357,000 |

Local Distribution

| | |
|--|--------------|
| Farmers' markets ¹³ | 184 |
| U-pick farms /On-farm markets | 189 |
| Farms using Community Supported Agriculture ² | 463 |
| Value of direct-to-consumer farm product sales | \$58,537,000 |
| Local food production index ¹⁴ | 30 |

The local food production index describes both the quantity and diversity of agricultural production in a county. It is obtained by comparing county per capita production of major food crops with national per capita consumption of those crops. The highest possible index score of 100 indicates that sufficient quantities of all included crops are produced within the county to meet local demand.

¹ U.S. Census Bureau State & County Quick Facts: <http://quickfacts.census.gov/qfd/states/26000.html>

² 2007 Census of Agriculture. National Agricultural Statistics Service. <http://www.nass.usda.gov/mi>

³ Michigan Economic Development Corporation Economic Profiler: <http://ref.michigan.org/medc/MiInfo/Places/>

⁴ The State of Michigan received \$118,864,000 in federal commodity payments in 2007.

⁵ Includes cattle, hogs, horses, ponies, goats, sheep, chickens, alpacas, llamas, turkeys, and pheasants.

⁶ Certified organic data from 2007 Census of Agriculture provided by Dr. Jim Bingen, MSU CARRS, from a special request to NASS.

⁷ Michigan Department of Agriculture Databases, 2009; see explanatory document for details.

⁸ By MDA's definition, "food service establishments" includes all facilities selling food; licensed by local health departments. "Retail food establishments" includes only grocery, convenience stores, and other facilities selling food for at-home preparation and/or consumption; licensed by MDA.

⁹ Calculated from county population and household income (American Community Survey, US Census Bureau 2007) and estimate of 12.1% of income spent on food in the Midwest region (Bureau of Labor Statistics, <http://www.bls.gov/cex/2007/share/region.pdf>)

¹⁰ Food Bank Council of Michigan, "Michigan Blueprint to End Hunger County-by-County Report," FY 2006. <http://www.fbcnich.org/site/DocServer/County-by-County7-07.pdf?docID=981>

¹¹ Michigan League for Human Services. Kids Count in Michigan Databook, 2007. <http://www.milhs.org/information/default.asp?NavPageID=50096>

¹² Calculated from American Community Survey 2008 population estimates (US Census Bureau), according to Ohio Department of Agriculture Animal Emergency Response Plan, 2007. Includes dogs, cats, birds, rabbits, rodents, and turtles.

¹³ Michigan Farms & Farmers' Market 2009 Directory: <http://www.michiganfarmfun.com/>, and Michigan Farmers Market Association, <http://farmersmarkets.msu.edu/>.

¹⁴ Calculated using USDA Census of Agriculture Data, adapted from Timmons, Wang and Kent (2008). Local Foods: Estimating Capacity. *Journal of Extension* 46(5).

Michigan Food and Agricultural Systems Profiles Number

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149

1,624

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34

3

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