



# Food Systems Profile

## Benzie County, Michigan

The production, distribution, consumption, and disposal of food are critical parts of our economy, community well-being, and family health in the Midwest. This profile provides an overview of existing data across a broad scope of food systems activities. It also documents how key indicators are changing over time and serves as a baseline for community leaders and educators to identify opportunities for growth in regional food systems. Data for this profile was compiled from existing secondary data sources including the U.S. Census of Agriculture and the U.S. Department of Agriculture. Regional averages include Indiana, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

	<b>Benzie County</b>	<b>State average</b>	<b>Regional average</b>
<b>Food access</b>			
Percent of households with no car & more than 10 miles to a grocery store, 2006 (%)	0.00	0.34	0.93
Percent of low income households more than 10 miles to a grocery store, 2006 (%)	0.00	4.79	7.42
Number of grocery stores per 1K population, 2009	0.41	0.27	0.31
Number of convenience stores (no gas) per 1K population, 2008	0.12	0.09	0.04
Number of convenience stores with gas per 1K population, 2008	0.46	0.62	0.56
Number of SNAP-authorized stores per 1K population 2010	0.91	1.00	0.85
Number of WIC-authorized stores per 1K population, 2011	0.40	0.27	0.30
Number of fast-food restaurants per 1K population, 2009	0.58	0.55	0.52
Number of full-service restaurants per 1K population, 2009	1.28	0.90	0.87
<b>Food assistance</b>			
Percent of low-income receiving SNAP 2007 (%)	38.78	30.19	28.82
Percent of students free-lunch eligible, 2009 (%)	45.35	41.28	33.01
<b>Health</b>			
Adult obesity rate, 2009, (%)	29.50	31.92	30.73
Child obesity rate, 2010 (%)	15.20	14.00	12.32
Adult diabetes rate, 2009 (%)	11.10	10.65	9.73
<b>Local and direct markets</b>			
Number of farms with direct sales per 10K population, 1997	16.37	16.02	12.60
Number of farms with direct sales per 10K population, 2002	19.14	22.60	13.91
Number of farms with direct sales per 10K population, 2007	22.81	23.66	16.20
Farm direct sales per capita 1997 (\$)	6.34	4.36	3.98
Farm direct sales per capita 2002 (\$)	6.34	10.52	6.22
Farm direct sales per capita 2007 (\$)	11.06	1.75	8.75
Number of farmers' markets, 2009	1	1.96	1.37
Number of farmers' markets, 2011	4	3.88	1.95
Percent change in number of farmers' markets, 2009-2011 (%)	300.00	72.14	18.33
Number farmers' markets per 10K population, 2011	2.29	0.66	0.65
Number of farm-to-school programs, 2009	0	0.00	0.04
Number of farms selling directly through CSA, 2007	5	0.00	3.50

*The Food Systems Profile tool was developed by the University of Wisconsin-Extension with a grant from the North Central Regional Center for Rural Development. Regional maps and worksheets for understanding and using this profile may be found at: <http://www.foodsystems.wisc.edu>*

	Benzie County	State average	Regional average
<b>Processing and distribution</b>			
Number of food processors	7	0.00	6.19
Number of fruit and vegetable preserving and specialty food manufacturers	6	0.00	0.40
Number of fruit and vegetable canning, pickling, and drying manufacturers	1	0.00	0.22
Number of cheese manufacturers	0	0.00	0.26
Number of animal slaughtering and processing manufacturers	0	0.00	1.21
Number of perishable prepared food manufacturers	0	0.00	0.14
Number of breweries	0	0.00	0.09
Number of wineries	0	0.00	0.29
<b>Production agriculture general characteristics</b>			
Number of farms 2007	205	281.00	764.89
Land in farms (acres), 2007	21,069.0	45,395.0	325,034.8
Percent of county land area in farming, 2007 (%)	10.30	10.51	70.24
Average size of farm (acres), 2007	103.0	162.0	574.7
Number of vegetable, melon, potato farms per 10K population, 2002	12.56	3.48	4.84
Number of vegetable, melon, potato farms per 10K population, 2007	10.84	2.63	5.47
Sales per capita, vegetable, melon, potato farms 2002 (\$)	14.59	0.17	62.32
Sales per capita, vegetable, melon, potato farms, 2007 (\$)	8.33	0.70	77.96
Number of fruit, nut, and berry farms per 10K population, 2002	23.33	8.69	2.78
Number of fruit, nut, and berry farms per 10K population, 2007	30.80	9.64	3.21
Sales per capita fruit, nut, and berry farms, 2002 (\$)	212.81	73.75	17.25
Sales per capita fruit, nut, and berry farms, 2007 (\$)	254.18	85.94	21.05
Number of farm proprietors, 2010	169	245.00	647.32
Share of total proprietorships that are farms, 2010 (%)	4.29	14.34	23.30
Farm employment share of total employment, 2010 (%)	2.55	7.73	9.73
Average farm compensation per job, 2010 (\$)	7,591	1,801	7,055
County wide average compensation per job, 2010 (\$)	35,693	38,062	42,302
Cash receipts per farm proprietor, 2010 (\$)	1,916	6,710	63,862
Percent of farms by value of sales \ Less than \$9,999, 2007 (%)	69.76	73.31	48.86
Percent of farms by value of sales \ \$10,000 to \$99,999, 2007 (%)	19.51	20.64	25.76
Percent of farms by value of sales \ \$100,000 or more, 2007 (%)	10.73	6.05	25.50
Percent of gross cash receipts (Including federal payments) from livestock and products, 2010 (%)	29.71	58.09	38.88
Percent of gross cash receipts (including federal payments) from crops, 2010 (%)	56.24	38.42	56.41
Percent of gross cash receipts from federal payments, 2010 (%)	14.05	3.49	4.70
Number of farms with agritourism and recreational activity, 2002	2	3.00	6.00
Number of farms with agritourism and recreational activity, 2007	2	3.00	5.57
Average gross revenue per farm from agritourism & recreational activity, 2002 (\$)	n.a.	6,623	4,306
Average gross revenue per farm from agritourism & recreational activity, 2007 (\$)	n.a.	26,057	11,886
Number of farms with organic production, 2007	13	1.00	4.70
Number of farms selling value-added products, 2007	17	2.00	22.67