

Industry Overview

Emsi Q1 2017 Data Set

January 2017

Regional Growth Partnership



Ohio

Parameters

Industries

Code	Description
311	Food Manufacturing

Regions

17 items selected. See Appendix A for details.

Timeframe

2010 - 2016

Datarun

2017.1 - QCEW Employees

Food Manufacturing in RGP - 17 County Territory

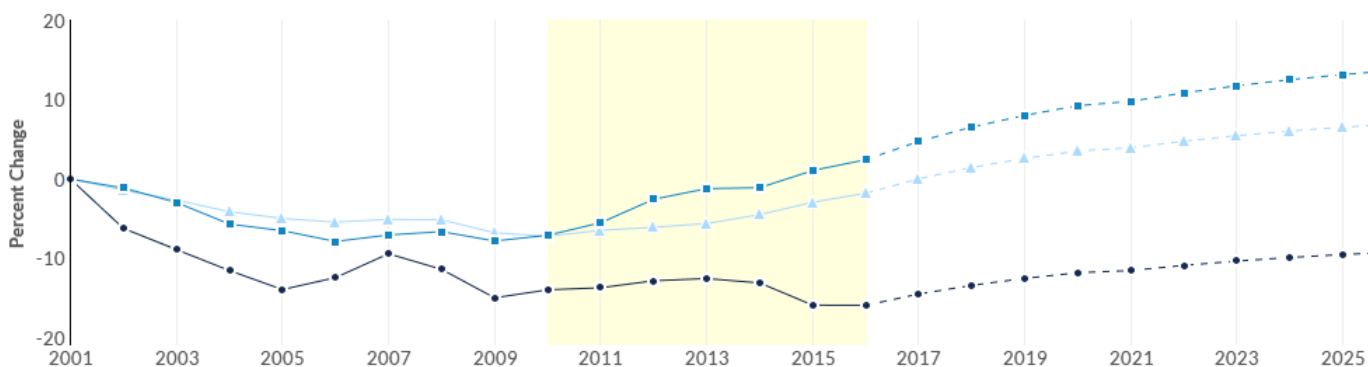
Industry Summary for Food Manufacturing

<p>8,211 Jobs (2016) 38% above National average</p>	<p>-2.3% % Change (2010-2016) Nation: +5.9%</p>	<p>\$57,620 Avg. Earnings Per Job (2016) Nation: \$56,341</p>
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Industry Detail

Establishments (2016)	121
Jobs Multiplier	Only Available for 6-Digit
Unemployed (10/2016)	Only Available for 2-Digit

Regional Trends



Region	2010 Jobs	2016 Jobs	Change	% Change
● Region	8,401	8,211	-190	-2.3%
■ Ohio	53,614	59,113	5,499	10.3%
▲ United States	1,442,112	1,526,691	84,579	5.9%

Occupations Employed by this Industry

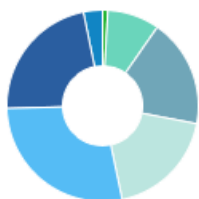
Description	Employed in Industry (2016)	% of Total Jobs in Industry (2016)
Packaging and Filling Machine Operators and Tenders	1,050	12.8%
Food Batchmakers	879	10.7%
Packers and Packagers, Hand	474	5.8%
Helpers--Production Workers	313	3.8%
Bakers	309	3.8%

Industry Gender Breakdown



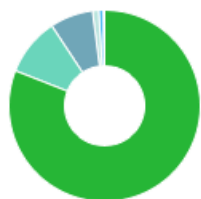
Gender	2016 Jobs	2016 Percent
● Males	5,236	63.8%
● Females	2,975	36.2%

Industry Age Breakdown



Age	2016 Jobs	2016 Percent
● 14-18	73	0.9%
● 19-24	723	8.8%
● 25-34	1,504	18.3%
● 35-44	1,537	18.7%
● 45-54	2,286	27.8%
● 55-64	1,824	22.2%
● 65+	265	3.2%

Industry Race/Ethnicity Breakdown



Race/Ethnicity	2016 Jobs	2016 Percent
White	6,648	81.0%
Hispanic or Latino	800	9.7%
Black or African American	597	7.3%
Asian	86	1.0%
Two or More Races	61	0.7%
American Indian or Alaska Native	16	0.2%
Native Hawaiian or Other Pacific Islander	3	0.0%

Industry Requirements

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Animal Production and Aquaculture	\$57,122,473	\$329,479,990	\$386,602,463
Crop Production	\$17,907,428	\$282,929,009	\$300,836,437
Corporate, Subsidiary, and Regional Managing Offices	\$45,636,130	\$124,613,775	\$170,249,905
Flour Milling	\$25,500,151	\$58,049,344	\$83,549,495
Animal (except Poultry) Slaughtering	\$3,407,371	\$73,197,183	\$76,604,554

Top Regional Businesses

Business Name	Industry Name	Business Size
Campbell Soup Co	All Other Miscellaneous Food Manufacturing (311999)	Large (250+)
Fireside Baking	Cookie and Cracker Manufacturing (311821)	Large (250+)
Heinz Usa Div Of H J Heinz Co	All Other Miscellaneous Food Manufacturing (311999)	Large (250+)
Spangler Candy Co	Confectionery Manufacturing from Purchased Chocolate (311352)	Large (250+)
Fremont Co	All Other Miscellaneous Food Manufacturing (311999)	Large (250+)

Source: Infogroup Business-Level Data

DISCLAIMER: Business Data by Infogroup is third-party data provided by Emsi to its customers as a convenience, and Emsi does not endorse or warrant its accuracy or consistency with other published Emsi data.

Appendix A - Regions

Code	Description
39003	Allen County, OH
39033	Crawford County, OH
39039	Defiance County, OH
39051	Fulton County, OH
39063	Hancock County, OH
39065	Hardin County, OH
39069	Henry County, OH
39095	Lucas County, OH
39123	Ottawa County, OH
39125	Paulding County, OH
39137	Putnam County, OH
39143	Sandusky County, OH
39147	Seneca County, OH
39161	Van Wert County, OH
39171	Williams County, OH
39173	Wood County, OH
39175	Wyandot County, OH

Appendix B - Data Sources and Calculations

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Alabama Department of Industrial Relations; Alaska Department of Labor and Workforce Development; Arizona Department of Administration, Office of Employment and Population Statistics; Arkansas Department of Workforce Services; California Labor Market Information Department; Colorado Department of Labor and Employment; Connecticut did not provide us with a data source; Delaware Office of Occupational and Labor Market Information, Delaware Wages 2004; District of Columbia Department of Employment Services; Florida Department of Economic Opportunity; Georgia Department of Labor, Workforce Information and Analysis, Occupational Information Services Unit; Hawaii Department of Labor and Industrial Relations, Research and Statistics Office; Idaho Department of Labor; Illinois Department of Employment Security, Employment Projections; Indiana Department of Workforce Development; Iowa Workforce Development; Kansas Department of Labor, Labor Market Information Services, Kansas Wage Survey; Kentucky Office of Employment and Training; Louisiana Department of Labor; Maine did not provide us with a data source; Maryland Department of Labor, Licensing and Regulation, Office of Labor Market Analysis and Information; Massachusetts Executive Office of Labor and Workforce Development; Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives; Minnesota Department of Employment and Economic Development; Mississippi Department of Employment Security; Missouri Department of Economic Development; Montana Department of Labor and Industry, Research and Analysis Bureau; Nebraska Workforce Development; Nevada Department of Employment, Training and Rehabilitation, Information Development and Processing Division, Research and Analysis Bureau; New Hampshire Department of Employment Security; New Jersey Department of Labor and Workforce Development; New Mexico Department of Labor, Bureau of Economic Research and Analysis; New York Department of Labor, Division of Research and Statistics; North Carolina Department of Commerce, Labor and Economic Analysis Division; North Dakota Job Service, Labor Market Information Center; Ohio Department of Job and Family Services, Labor Market Information Division; Oklahoma Employment Security Commission; Oregon Employment Department, Oregon Labor Market Information System; Pennsylvania Department of Labor and Industry, Center for Workforce Information and Analysis; Rhode Island did not provide us with a data source; South Carolina Employment Security Commission, Labor Market Information Department; South Dakota Department of Labor, Labor Market Information Division; Tennessee Department of Labor and Workforce Development, Research and Statistics Division; Texas Workforce Commission; Utah Department of Workforce Services; Vermont did not provide us with a data source; Virginia Employment Commission, Economic Information Services; Washington State Employment Security Department, Labor Market and Economic Analysis Branch; West Virginia Bureau of Employment Programs,

