

Employment, Incomes, and Characteristics of Workers and Owners of Fruit and Vegetable Canning, Pickling, and Drying Businesses in the Gulf of Mexico and the United States. Vol. 8, No. 3, Feb. 9, 2018.

Definition of Fruit and Vegetable Canning, Pickling, and Drying

Fruit and vegetable canning, pickling, and drying (NAICS 31142) include “establishments primarily engaged in manufacturing canned, pickled, and dried fruits, vegetables, and specialty foods. Establishments in this industry may package the dried or dehydrated ingredients they make with other purchased ingredients. Examples of products are canned juices; canned baby foods; canned soups (except seafood); canned dry beans; canned tomato-based sauces, such as catsup, salsa, chili sauce, spaghetti sauce, barbeque sauce, and tomato paste; pickles and relishes; jams and jellies; dried soup mixes and bouillon; and sauerkraut.”

(<https://www.census.gov/eos/www/naics/index.html>)

Employment and Wages, Salaries, and Earnings

The overall trend in the number of jobs in the industry has been downward. On average the industry directly created more than 91,000 jobs per year in the United States since 2001 (Figure 1). All the Gulf of Mexico States (AL, FL, LA, MS, and TX) contributed about 9.3 percent of all the jobs during the period (Figure 2). The activities in Mississippi and Alabama during the same period added 0.24 and 0.17 percent of the total number of jobs, respectively.

The average wages, salaries, and earnings in the industry in the entire United States has been slowly rising over the period. The combined wages, salaries, and proprietor earnings (at constant 2017 prices) of all the QCEW employees, non-QCEW employees, self-employed, and extended proprietors averaged \$61,544 per person during the entire period under consideration (Figure 1).

Among the workers in the industry in the Gulf of Mexico States, the average wages, salaries, and earnings have been declining more frequently during the period. The annual earnings of workers and owners in the Gulf of Mexico States during the period averaged \$63,776 per person or 103.7 percent of the national average (Figure 2). During the same period, Mississippi and Alabama workers and owners received average annual pay amounting to 62.7 and 62.4 percent of the national average, respectively.

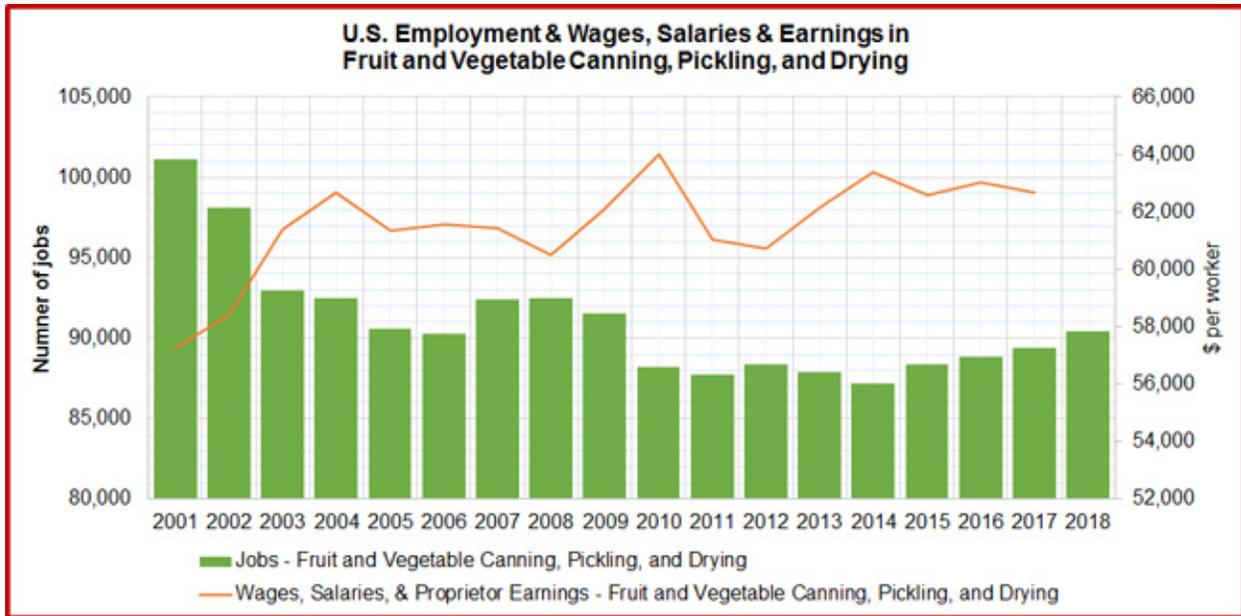


Figure 1. U.S. Annual Employment and Wages, Salaries, and Earnings of QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors. QCEW – U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages. Source of raw data: EMSI. <https://e.economicmodeling.com>.

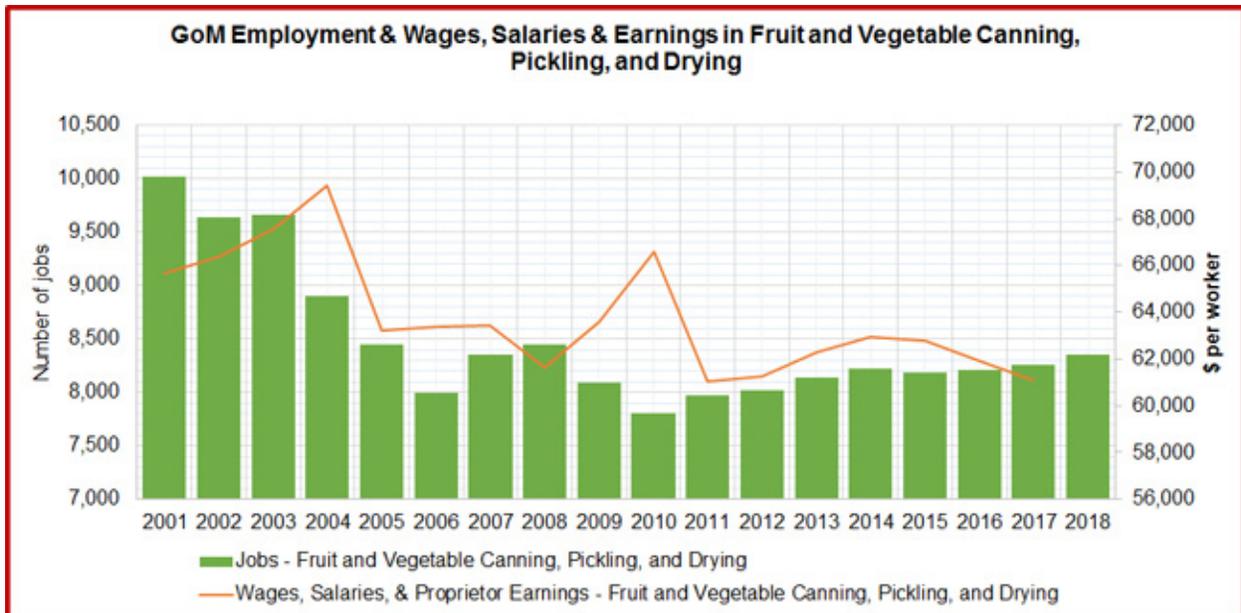


Figure 2. Gulf of Mexico Region Annual Employment and Wages, Salaries, and Earnings of QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors. QCEW – U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages. Source of raw data: EMSI. <https://e.economicmodeling.com>.

Distribution of Workers and Owners by Gender

The most recent industrial overview released by EMSI (Feb. 2018) showed that among workers and owners, 61.6 percent were males (Figure 3). About 38.4 percent of the workers and owners were females. In the Gulf States, relatively more men and fewer women worked and owned these businesses.

Socio-Demographic Characteristics of Workers and Owners of Fruit and Vegetable Canning, Pickling, and Drying Businesses				
Industry Gender Breakdown	United States		Gulf of Mexico States	
Gender	2017 Jobs	2017 Percent	2017 Jobs	2017 Percent
Males	55,110	61.6%	5,337	64.6%
Females	34,330	38.4%	2,926	35.4%
Total	89,441	100.0%	8,263	100.0%

Figure 3. Gender Distribution of QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors. QCEW – U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages. Source of raw data: EMSI. <https://e.economicmodeling.com>.

Distribution of Workers and Owners by Race or Ethnicity

The latest industrial overview posted by EMSI (Feb. 2018) also grouped workers and owners by race or ethnicity (Figure 4). The majority of the workers and owners are White (57%), followed by Hispanic or Latino (29.5%), and African American (8.3%). In the Gulf States, relatively more African American, and fewer White, Hispanic, and Asian people, are employed in these businesses.

Socio-Demographic Characteristics of Workers and Owners of Fruit and Vegetable Canning, Pickling, and Drying Businesses				
Industry Race Breakdown	United States		Gulf of Mexico States	
Race/Ethnicity	2017 Jobs	2017 Percent	2017 Jobs	2017 Percent
White	50,945	57.0%	4,376	53.0%
Hispanic or Latino	26,379	29.5%	1,994	24.1%
Black or African American	7,425	8.3%	1,623	19.6%
Asian	3,498	3.9%	202	2.4%
American Indian or Alaska Native	546	0.6%	17	0.2%
Two or More Races	533	0.6%	43	0.5%
Native Hawaiian or Other Pacific Islander	116	0.1%	8	0.1%
Total	89,441	100.0%	8,263	100.0%

Figure 4. Race or Ethnic Distribution of QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors. QCEW – U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages. Source of raw data: EMSI.

<https://e.economicmodeling.com>.

Distribution of Workers and Owners by Age

The technical overview published by EMSI (Feb. 2018) also classified workers and owners by age (Figure 5). Almost three out of 10 of the workers and owners are 55 years old and above. The “45-54” year-old workers and owners consisted of 26.7 percent of the total. The “35-44” year-old group added 20.1 percent of the total. The younger workers and owners comprise 23.8 percent of the rest. The workers and owners in the Gulf States are relatively older than the national average.

Socio-Demographic Characteristics of Workers and Owners of Fruit and Vegetable Canning, Pickling, and Drying Businesses				
Industry Age Breakdown	United States		Gulf of Mexico States	
Age	2017 Jobs	2017 Percent	2017 Jobs	2017 Percent
14-18	556	0.6%	28	0.3%
19-24	5,679	6.3%	419	5.1%
25-34	15,143	16.9%	1,236	15.0%
35-44	17,989	20.1%	1,660	20.1%
45-54	23,871	26.7%	2,370	28.7%
55-64	20,756	23.2%	2,049	24.8%
65+	5,446	6.1%	501	6.1%
Total	89,441	100.0%	8,263	100.0%

Figure 5. Age Distribution of QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors. QCEW – U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages. Source of raw data: EMSI. <https://e.economicmodeling.com>.

Businesses Registered in MarketMaker

If you need an online database of these businesses, you can perform the following search at the Mississippi MarketMaker (<https://ms.foodmarketmaker.com/>) or other member states (<https://foodmarketmaker.com/>):

States: AL, AK, AZ, AR, CA, CO, CT, DC, DE, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, or WY » Type: Processor/Packing Shed » Profile: Processor/Packing Shed > Fruit & Vegetable Products

More than 1,700 local “fruit and vegetable processors” registered their business profiles in MarketMaker. Click this [LINK](#) to view the search results online. You can sort the results alphabetically, by relevance, or by the distance to your current location.

Frequently Asked Questions

What is MarketMaker?

[MarketMaker](#) is the most extensive and most in-depth database of its kind featuring a diverse community of food-related businesses: buyers, farmers/ranchers, fisheries, farmers markets, processors/packers, wineries, restaurants and more. [MarketMaker](#) provides simple yet powerful search tools to connect with others across the production and distribution chain (<http://ms.foodmarketmaker.com/>).

Where can you find Mississippi MarketMaker?

MarketMaker is found at <http://ms.foodmarketmaker.com/>. Ask Siri or Cortana to search for “Mississippi MarketMaker” on your smartphone.

How do you register your food business in Mississippi MarketMaker?

Click [Register](#) and type your email address and a password in the spaces under Register. Be prepared to enter information (and pictures) about your business.

What are the benefits of registering your food business in Mississippi MarketMaker?

Producers register their businesses in [MarketMaker](#) because food buyers of all types access our database to find products and services to meet their specific needs. Through [MarketMaker](#), producers can reach more customers and more efficient form successful business alliances.

How do you search for your business profile in Mississippi MarketMaker?

Click [Search](#) and type the name of your company in the space under Search MarketMaker.

How do you update your business profile in Mississippi MarketMaker?

Click [Register](#) and then click the button “UPDATE YOUR PROFILE.” Type your email address and password in the spaces under Account Login. Be prepared to enter updated information (and pictures) about your business.

MarketMaker Training Workshops

This training workshop is available upon request by a group of 6-12 producers, extension agents, state regulatory agencies staff, and teachers. Each workshop will best fit the needs of the participants. Email Dr. Ben Posadas for details at ben.posadas@msstate.edu.

How do you search for local food businesses in Mississippi MarketMaker?

Click [Search](#) and type a keyword in the space under Search MarketMaker.

What is the Market Research tool of MarketMaker?

The MarketMaker research tool is an interactive mapping resource for identifying target markets, developing customized census profiles, and mapping food related businesses over demographic maps.

Where do you find the Market Research tool in MarketMaker?

Look for the Market Research section in MarketMaker and click [Research your market now](#) or [Use the previous version](#).

Suggested Citation:

Posadas, B.C., A.E. Jefferson, and B.K.A. Posadas, Jr. 2018. Employment, Incomes, and Characteristics of Workers and Owners of Fruit and Vegetable Canning, Pickling, and Drying Businesses in the Gulf of Mexico and the United States. Vol. 8, No. 3, Feb. 13, 2018.

<http://extension.msstate.edu/newsletters/mississippi-marketmaker>