

MAY 2018



FOOD PRODUCTION & MANUFACTURING

ANNUAL STATISTICAL REPORT



PACIFIC MOUNTAIN
WORKFORCE
DEVELOPMENT

building community prosperity



The Food Production and Manufacturing sector includes crop and livestock production, fishing and food and beverage packaging and processing.¹

Recent Developments

Craisin™ sorting equipment goes online at Ocean Spray Markham plant

Taylor Shellfish adds 23,000 sq ft of processing capacity in Bay Center, WA

Southwest Washington Regional Agricultural Park to bring 150 jobs to Tenino by 2020

Total Sector Employment:
7,242 jobs²

Number of worksites: 454³

Gross Domestic Product:
\$479,480,000⁴

Average Annual Wage:
\$34,058⁵

Lewis County ranks first in the state for poultry and egg production.⁶

PacMtn employment in the shellfish farming industry is 178 times more prevalent in the workforce than the national average.⁷

MAJOR INDUSTRIES—FOOD PRODUCTION & MANUFACTURING SECTOR PACMTN 2017

Industry	Number of Worksites (establishments)	GDP (economic output)	Jobs	Average Annual Wage	Location Quotient ⁸
Crop Production	144	\$117,925,000	1,356	\$26,788	1.47
Animal Production	213	\$105,142,000	2,995	\$32,266	2.68
Food Manufacturing	70	\$202,156,000	2,516	\$37,540	1.2
Beverage Manufacturing	27	\$39,513,000	415	\$49,734	1.52

Continued on back



FOOD PRODUCTION & MANUFACTURING



PACIFIC MOUNTAIN
WORKFORCE
DEVELOPMENT

building community prosperity

INDUSTRY TRENDS

Data analysis done in 2017 shows some interesting trends in this sector, please see the tables below for a data snapshot of industries within the Food Production & Manufacturing sector.

SEAFOOD HARVESTING, FARMING & PROCESSING ⁹		
Year	GDP	Jobs
2015	\$186,871,000	2,454
2016	\$188,676,000	2,501
2017	Not Available	2,577

The seafood industry is a major employer in every PacMtn county except Lewis, with Pacific leading the way with 986 seafood-related jobs in 2017. Finfish and shellfish production have shown strong growth, but the largest segment is canning and processing, which accounts for about half of PacMtn's seafood employment.

FRUIT & VEGETABLE PRESERVING & SPECIALTY FOOD MANUFACTURING		
Year	GDP	Jobs
2015	\$53,259,000	571
2016	\$60,075,000	615
2017	Not Available	616

The bulk of PacMtn's fruit and vegetable packaging employment is in Lewis County, but there has been growth elsewhere. One example is an uptick in the dehydrated fruit industry in Mason County where 44 new jobs were added to a workforce of 112, thanks mostly to increased production at the Stretch Island Fruit Company in Allyn, WA.

DAIRY CATTLE & MILK PRODUCTION		
Year	GDP	Jobs
2015	\$14,949,000	232
2016	\$15,370,000	239
2017	Not Available	258

46% of the dairies in the PacMtn region are located in Lewis county, supporting 115 jobs in that county alone.

INDOOR FOOD CROPS ¹⁰		
Year	GDP	Jobs
2015	\$31,051,000	596
2016	\$54,111,000	1,045
2017	Not Available	1,108

Indoor food crop production added 512 jobs to PacMtn's economy in just two years. While much of that gain was in mushroom farming (226 new jobs), there were also big job gains in other indoor food crops, such as rhubarb and bean sprouts.



Learn more at www.pacmtn.org

Grays Harbor, Lewis, Mason, Pacific, Thurston Counties



FOOD PRODUCTION & MANUFACTURING



PACIFIC MOUNTAIN
WORKFORCE
DEVELOPMENT

building community prosperity

FOOTNOTES

1. The Food Production & Manufacturing sector is defined by the following NAICS-coded industries: Oilseed and Grain Farming (1111), Vegetable Farming (1112), Fruit and Tree Nut Farming (1113), Food Crops Grown Under Cover (1114), Animal Production and Aquaculture (112), Commercial Fishing (1141), Support Activities for Crop Production (1151), Support Activities for Animal Production (1152), Food Manufacturing (311), Beverage Manufacturing (3121).

2. Employment data is derived from the federal Quarterly Census of Employment and Wages (QCEW). The QCEW quarterly and annual data is derived from a complete count of employer tax records and unemployment insurance records. Industry data only includes workers who work for an employer who designates the food production industry as their primary industry.

3. The U.S. Census Bureau defines "establishments" as "a single physical location where business is conducted or where services or industrial operations are performed." The term "worksites" is used interchangeably here with "establishments."

4. Regional Gross Domestic Product (GDP) by industry is adapted from the U.S. Bureau of Economic Analysis (BEA) RIMS II chart of accounts and applied to data from the combined five-county PacMtn region. The BEA defines GDP as "the value of the goods and services produced by the [region's] economy less the value of the goods and services used up in production." It should be noted that the output that remains within the region is counted, so aggregate gross revenues may be much higher than regional GDP.

5. Average annual wage data is from Quarterly Census of Employment and Wages (QCEW) annualized averages.

6. U.S. Census of Agriculture, 2016 of quarterly wage earnings.

7. Derived by PacMtn staff from QCEW data. See note 8 for an explanation of the LQ methodology.

8. "Location Quotient" is the share of the region's employment in a particular industry relative to the national average. The base is 1. Therefore, if an industry in the PacMtn area has an LQ of 2.50, that means that the local percentage of jobs in that industry in this region is two-and-a-half times greater than the national average.

9. This category is intended to capture the entire seafood industry for the PacMtn region. It includes commercial fishing (1141), aquaculture (1125) and seafood product preparation and packaging (3117).

10. NAICS title is "food crops grown under cover" (11141).