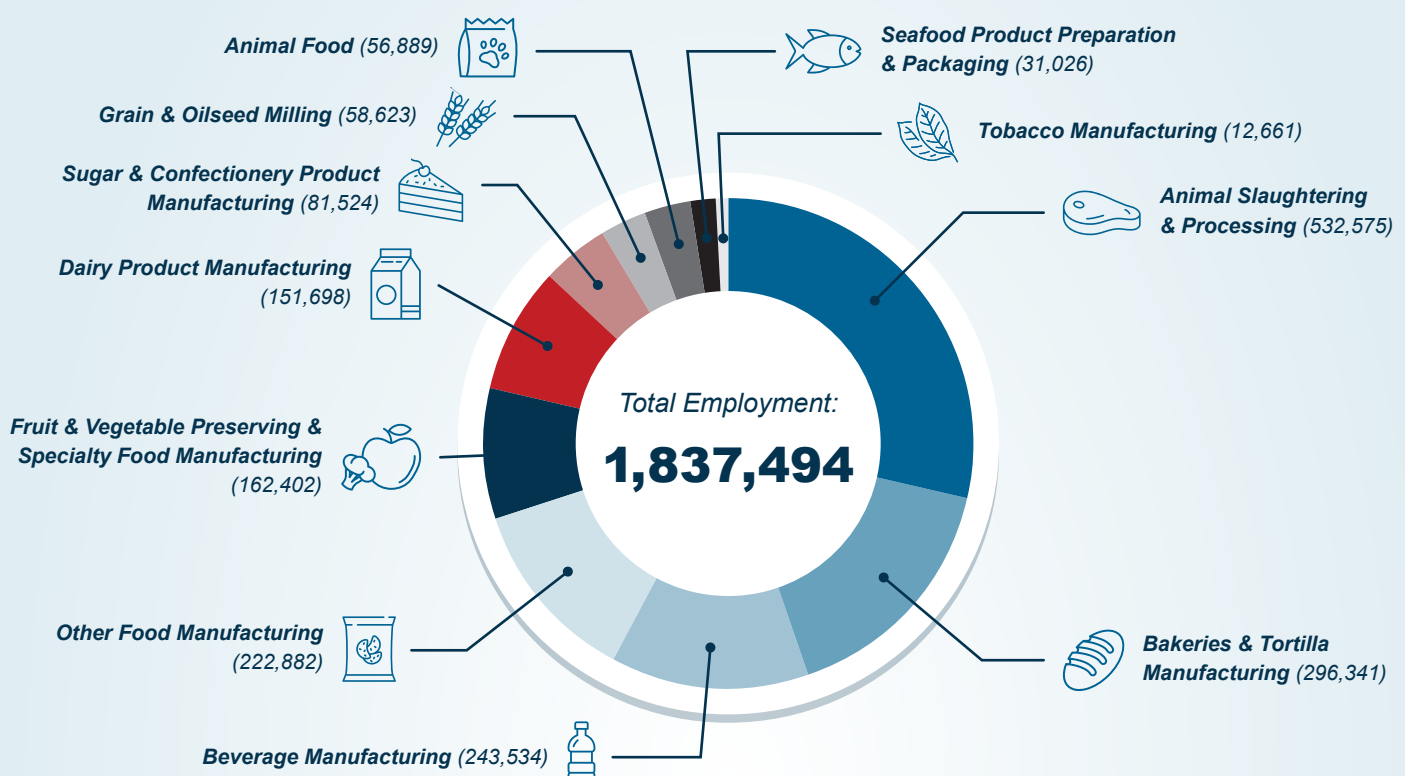


FARM → FACTORY → TABLE

The Food and Beverage Manufacturing Industry

How many people does the industry employ?

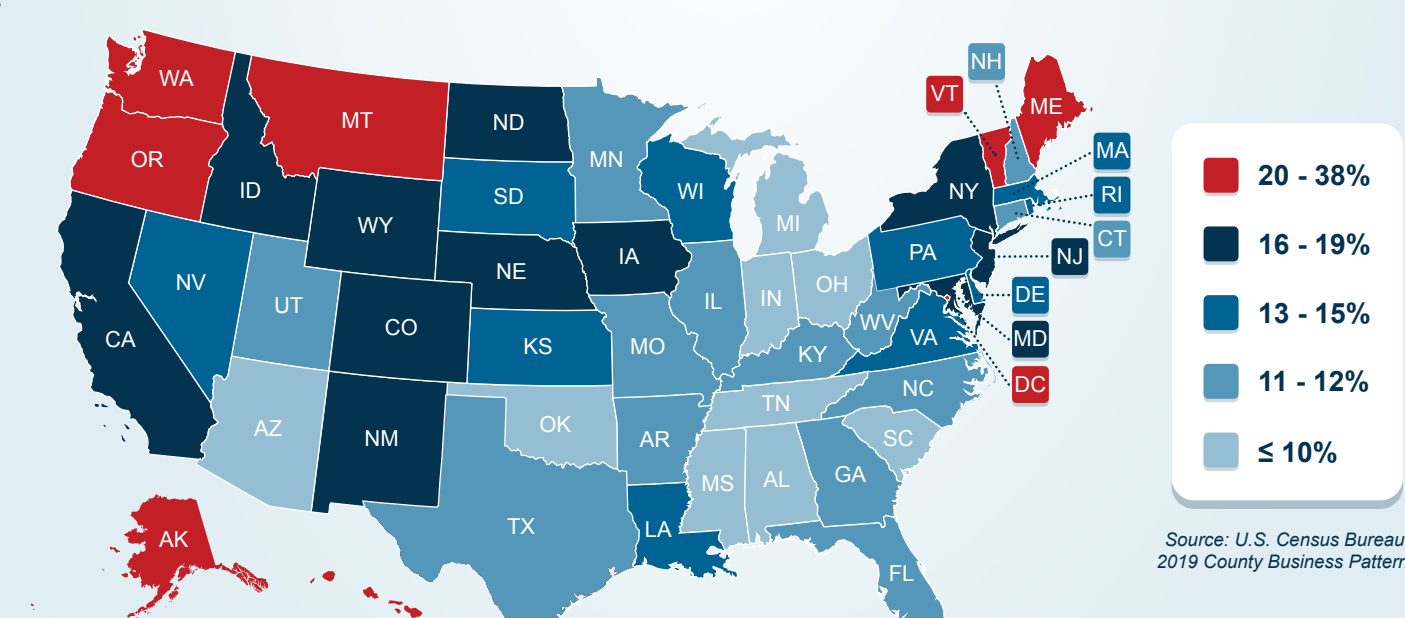
US Food and Beverage Manufacturing Employment, 2019



Source: U.S. Census Bureau, 2019 County Business Patterns

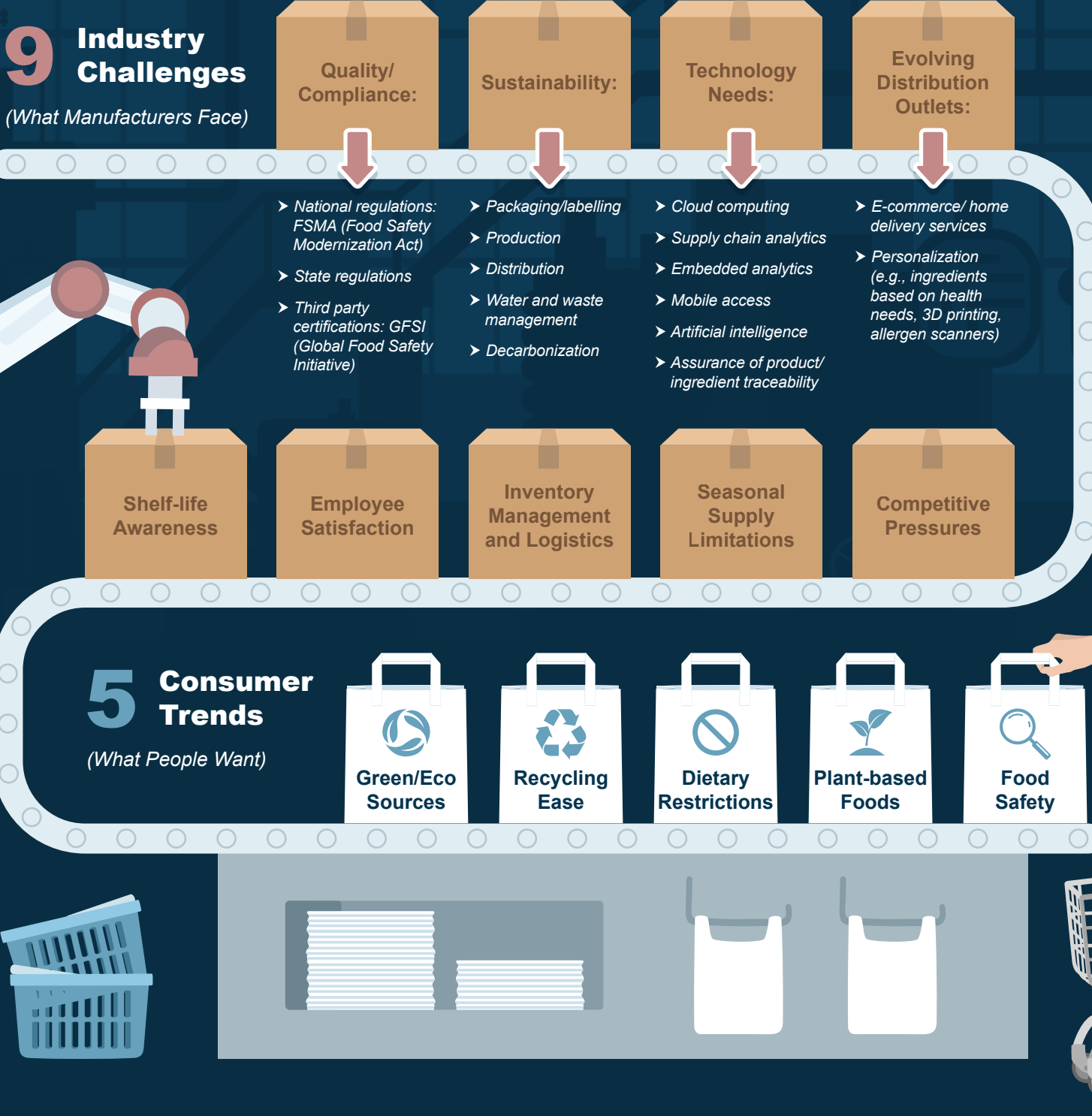
Where do food & beverage manufacturers represent the largest portion of manufacturing establishments?

Food & Beverage Manufacturing Establishments as a Percent of Total State Manufacturing Establishments

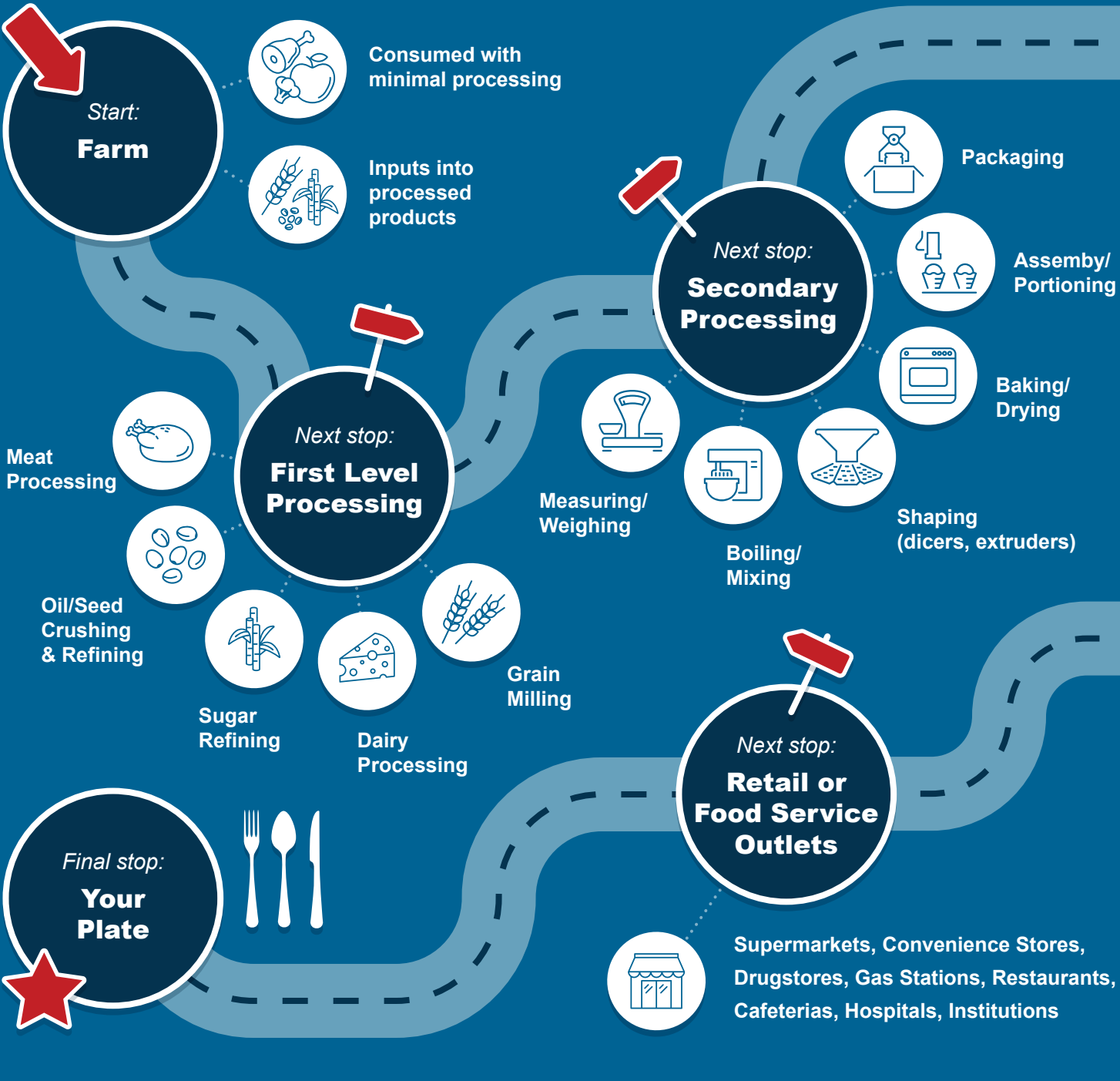


Source: U.S. Census Bureau, 2019 County Business Patterns

Key Challenges and Trends



How Food Gets from There to Here



MEP National Network Expertise: A Vital Ingredient for Its Clients

Manufacturer	MEP Center	Challenge	Solution	Results
APC Paper, uses 100% recycled product to produce consumer products and food packaging	CITEC, part of NY MEP (New York)	Compliance to both the FSMA, to prevent contamination, and to Federal Trade Commission Green Guides, which implemented new recycled material definitions.	Food safety guidelines review and development of a food safety plan. Recycled material guidelines review and development of labelling system.	<ul style="list-style-type: none"> \$7,770,000 in retained sales \$2,890,000 in new investment and sustainability
Olympia Provisions, craft charcuterie manufacturer	OMEPE (Oregon)	Improving training for entry-level production employees.	Developed standardized training materials, improved cross-training between departments.	<ul style="list-style-type: none"> 5 jobs created \$297,000 in cost savings 40% reduction in training time for entry-level positions
New Mexico Sabor, salsa maker	New Mexico MEP (New Mexico)	Business growth meant higher fees for shared commercial kitchen and increased inefficiency of equipment and ingredient deliveries.	Creation of inventory control spreadsheet, changes in production process, and development of future plant layout for owned facility.	<ul style="list-style-type: none"> 20% reduction in kitchen and staff time and equipment rental led to cost savings Cut direct expenditures by up to \$320 a month Actionable growth plan that minimizes risk
Cream of the West, natural cereal products	MMEC (Montana)	Increase number of employees qualified in Hazard Analysis Critical Control Point (HACCP) principles and prepare for Good Manufacturing Practices review.	Gap analysis of manufacturing practices and specific strategies to resolve them.	<ul style="list-style-type: none"> \$25,000 in new or retained sales 3 created or retained jobs \$10,000 in new investment
Fluker's Cricket Farm, Inc., supplying crickets, feeder insects, and supplies to the fishing industry	MEPOL (Louisiana)	Improving weakest segments of business processes.	The performance of a 360° GrowthWheel Assessment and action-focused processes to build the business.	<ul style="list-style-type: none"> \$250,000 in increased or retained sales 80 new or retained jobs \$250,000 in new investments \$100,000 in cost savings \$500,000 investment in new products

Source: Top 8 challenges of food and beverage industry to watch out for, Iyer, Sapriya, Global Market Insights, 5/13/20; The top 5 challenges food and beverage manufacturers are facing today, Infor Blog, 12/23/19; Challenges for Food Manufacturing, Ray, Linda, Houston Chronicle.com; Main Challenges Facing Food Manufacturing Companies in 2017, agri/civil, 1/16/17; Supply Chain Analytics Solutions for Food and Beverage Manufacturers - A Quantzig Case Study, quantzig.com; Solutions to Some of the Most Common Problems in Food Manufacturing Facilities, Taylor, Sam, 3/12/19; stanford.edu; 2020 State of Food Manufacturing Survey, Loggins, Casey, foodingengineering.com, 9/29/20; Innova Identifies Top 10 Food and Beverage Trends to Accelerate Innovation in 2021, 10/23/20; Trends and Advances in Food Packaging & Processing, Association for Packaging and Processing Technologies (PMMI); Why More Training? FP&S News, 3/15/20; Making a business case for your food facility expansion, Kukarni, PhD, Niranjani, cfbgroup.com; Plant-based food manufacturing, Robertson, Jason, cfbgroup.com; Food Retailers Put Technology Front and Center, Baker, Doug, Food Industry Blog, 11/5/20; Innovation is the Future of Food Safety, Eisenbeiser, MS, CFS, Ashley, Food Industry Blog, 11/4/20; What the Food Industry needs to know about the FDA Food Traceability Proposed Rule, Thesmar, PhD, RD, Hilary, and Harris, Stephanie, Food Industry Blog, 10/27/20; The Food Company of Tomorrow, Wiley, Carol, foodindustryexecutive.com, 10/26/20; Industry Sectors, The Global Food Equipment and Technology Show, Food Processing Suppliers Association (FPSA); Economic Contribution of the Food and Beverage Industry, Committee for Economic Development, The Conference Board, 3/2017