PUERTO RICO'S



Agro-Industries Profile 2025

Agro-Industries refer to industries that utilize agricultural products as raw materials to produce finished goods. They encompass a variety of activities, including:

- Processing agricultural inputs: These industries process raw materials derived from plants and animals into marketable products.
- Value addition: They add value to agricultural produce, enhancing its marketability and shelf life¹.

Agro Industries from Raw Materials to Finish Goods



Agricultural Incentives

Bona Fide Farmers are exempt from paying income taxes on 90% of income that comes directly from the agricultural businesses. Eligible activities include:

- Raising animals to produce meat, milk, or eggs used for human food, or raw materials for other industries
- Agricultural operations that buy raw material produced in Puerto Rico
- Activities of the dairy industry
- Marine culture, commercial fishing and aquaculture
- Commercial production of flowers, plants and ornamental grasses
- Cultivation of fruits and vegetables by hydroponic methods
- Breeding thoroughbred, racing, riding and fine-step horses
- Tillage or cultivation of the land to produce fruits, vegetables, spices and seeds²

¹ Source: Agro - Processing Industry - Its Role, Classification and Importance, 2025

² Source: https://www.investpr.org/key-sectors/ag-food-and-beverage/, 2025.

Agriculture, Forestry, Fishing and Hunting

NAICS 111, 112, 113, 114

The **Agriculture, Forestry, Fishing and Hunting** sector includes businesses focused on growing crops, raising animals, and harvesting timber, fish, and other wildlife. These establishments, often called farms, ranches, dairies, greenhouses, nurseries, orchards, or hatcheries, may consist of one or multiple tracts of land and can involve various ownership and operation structures. This sector has two main activities: **agricultural production and support activities**. Agricultural production covers complete farm or ranch operations, while support activities involve specific tasks like soil preparation, planting, harvesting, and management done on a contract or fee basis³.

AGRICULTURE, FOSTERY, FISHING AND HUNTING EMPLOYMENT, ESTABLISHMENTS AND WAGES

Years	Employees	Establishments	Average Weekly Wage (In US\$ dollars)	Average Annual Pay (In US \$ dollars)	Total Wages (In US \$ thousands of dollars)
2020	8,578	1,530	\$227	\$11,812	\$101,322
2021	8,505	1,534	\$255	\$13,279	\$112,932
2022	8,522	1,607	\$279	\$14,491	\$123,483
2023	7,998	1,583	\$299	\$15,560	\$124,448
2024	7,774	1,571	\$317	\$16,464	\$127,983

Source: Bureau of Labor Statistics (BLS), Quarterly Census of Employment and Wages (QCEW), 2025.

AGRICULTURAL OCCUPATIONS, EMPLOYMENT, WAGES AND LOCATION QUOTIENT

Occupations	Employment	Hourly Mean Wage	Annual Mean Wage	Hourly Median Wage	Annual Median Wage	Employment per 1,000 jobs	Location Quotient
Farming, Fishing, and Forestry	2,090	\$12.14	\$25,260	\$10.40	\$21,640	2.229	0.8
First-Line Supervisors of Farming, Fishing, and Forestry Workers	120	\$14.77	\$30,730	\$13.44	\$27,950	0.132	0.7
Agricultural Inspectors	360	\$16.78	\$34,890	\$9.61	\$19,980	0.380	4.8
Agricultural Equipment Operators	90	\$10.82	\$22,500	\$9.89	\$20,560	0.098	0.5
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,310	\$10.64	\$22,120	\$10.32	\$21,460	1.399	0.8
Agricultural Workers, All Other	(8) -	\$11.02	\$22,920	\$11.09	\$23,060	(8) -	(8) -

Source: Bureu of Labor Statistics; "Occupational Employment and Wage Statistics", 2025.

³ Source: https://www.census.gov/naics/?input=11&year=2022&details=11, 2025.

GROSS FARM INCOME: FISCAL YEARS 2022 and 2023 (In US \$ millions of dollars)

	2022	2023	Change (%)
GROSS INCOME	\$914.70	\$941.30	2.9%
Traditional crops	\$15.20	\$10.10	-33.6%
Coffee	\$15.00	\$9.90	-34.0%
Sugar and Molasses	\$0.20	\$0.20	0.0%
Livestock products	\$391.20	\$402.20	2.8%
Milk	\$179.20	\$196.80	9.8%
Eggs	\$23.90	\$30.60	28.0%
Beef	\$31.00	\$26.40	-14.8%
Pork	\$22.10	\$21.00	-5.0%
Poultry	\$97.90	\$92.30	-5.7%
Goats and Other Meats	\$0.90	\$1.00	11.1%
Fruits	\$61.80	\$95.00	53.7%
Starchy vegetables (Boniato, yuca, yautia, ñame)	\$95.60	\$90.20	-5.6%
Othervegetables	\$31.70	\$36.20	14.2%

 $Source: Puer to \ Rico\ Planning\ Board, Economic\ Report\ to\ the\ Governor\ and\ to\ the\ Legislative\ Assembly,\ Statistical\ Apendix,\ 2024.$

Foreign Trade

AGRICULTURE, FOSTERY, FISHING AND HUNTING EXPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Exports (\$)	Percentage from Total Exports
1111	Oilseeds & Grains	\$1,050,799	2.9%
1112	Vegetables & Melons	\$1,577,708	4.3%
1113	Fruits & Tree Nuts	\$14,079,588	38.3%
1114	Mushrooms, Nursery & Related Products	\$114,175	0.3%
1119	Other Agricultural Products	\$5,722,460	15.6%
1121	Cattle	\$26,500	0.1%
1123	Poultry & Eggs	\$289,520	0.8%
1129	Other Animals	\$2,071,727	5.6%
1132	Forestry Products	\$8,502,119	23.2%
1133	Timber & Logs	\$50,619	0.1%
1141	Fish, Fresh/Chilled/Frozen & Other Marine Products	\$3,240,734	8.8%
11		\$36,725,949	100%

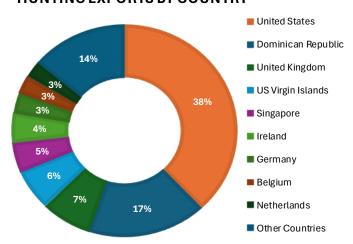
Source: Puerto Rico Planning Board, 2024.

AGRICULTURE, FOSTERY, FISHING AND HUNTING IMPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Imports (\$)	Percentage from Total Imports
1111	Oilseeds & Grains	\$121,692,223	14.2%
1112	Vegetables & Melons	\$265,043,499	30.9%
1113	Fruits & Tree Nuts	\$162,204,537	18.9%
1114	Mushrooms, Nursery & Related Products	\$20,104,004	2.3%
1119	Other Agricultural Products	\$43,413,865	5.1%
1121	Cattle	\$2,874,507	0.3%
1122	Swine	\$48,899	0.0%
1123	Poultry & Eggs	\$81,383,067	9.5%
1124	Sheep, Goats & Fine Animal Hair	\$118,366	0.0%
1125	Farmed Fish and Related Products	\$26,322,255	3.1%
1129	Other Animals	\$14,128,941	1.6%
1132	Forestry Products	\$2,082,528	0.2%
1133	Timber & Logs	\$2,926,565	0.3%
1141	Fish, Fresh/Chilled/Frozen & Other Marine Products	\$116,134,847	13.5%
11		\$858,478,103	100%

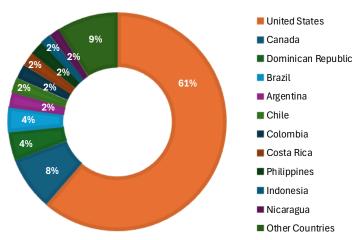
Source: Puerto Rico Planning Board, 2024.

AGRICULTURE, FOSTERY, FISHING AND HUNTING EXPORTS BY COUNTRY



Source: Puerto Rico Planning Board, External Trade, 2024.

AGRICULTURE, FOSTERY, FISHING AND HUNTING IMPORTS BY COUNTRY



Source: Puerto Rico Planning Board, External Trade, 2024.

Food and Beverage Manufacturing Industries

The food and beverage manufacturing industries are quite significant, contributing to the island's economy and providing numerous jobs. Global giants such as **Coca-Cola and Goya**, as well as local enterprises like **Vaquería Tres Monjitas**, **Cervecera Medalla Light and Molinos de PR**, employ thousands of people and contribute to the island's GDP. World-famous rum distilleries like **Bacardi and Serralles (Don Q)** and smaller craft producers supply more than 70% of rum sold in the United States, or about half a billion dollars⁴.

Some key points about this sector are:

- Diverse Products: Puerto Rico produces a wide range of food and beverage products, including rum, coffee, dairy products, and processed foods.
- **Economic Impact:** This industry is a major part of Puerto Rico's economy. It not only provides employment but also supports related sectors such as agriculture, packaging, and logistics.
- Regulations: Food and beverage manufacturers must adhere to both local and federal regulations, including those
 set by the U.S. Food and Drug Administration (FDA). This ensures that products meet high safety and quality
 standards.
- **Innovation and Investment:** There has been a growing focus on innovation within the industry, with investments in new technologies and processes to improve efficiency and product quality. This includes advancements in food safety, packaging, and sustainability practices.

Tax Incentives for Manufacturing

Eligibility: Business dedicated to the manufacturing of products, scientific research and development activities, recycling, development of programs or applications, licensing of intangible property, maintenance and repairment of airplanes and vessels, etc.

Benefits:

- Small and medium-sized enterprises (SMEs) are eligible for 100% tax exemptions for the first five years.
- Fixed 4% corporate income tax rate and up to 50% tax credits for research and development⁵
- 75% property tax exemption
- 50% municipal tax exemption
- 100% tax exemption on raw material, machinery and equipment, and dividends distribution

⁴ Source: <u>https://www.investpr.org/key-sectors/ag-food-and-beverage/</u>, 2025.

⁵ Source: https://www.desarrollo.pr.gov/ayudas-e-incentivos?tab=codigo#incentivos, 2025.

Food Manufacturing

NAICS 311

The **Food Manufacturing** sector encompasses industries that transform livestock and agricultural products into goods for intermediate or final consumption. These industry groups are categorized based on the raw materials utilized, which are typically of animal or vegetable origin, and are processed into food products.

Food items produced in these establishments are generally sold to wholesalers or retailers for eventual distribution to consumers. However, establishments primarily engaged in retailing bakery and candy products produced on-site, but not intended for immediate consumption, are also included within this subsector⁶.

FOOD MANUFACTURING EMPLOYMENT, ESTABLISHMENTS AND WAGES

Years	Employees	Establishments	Average Weekly Wage (In US \$ dollars)	Average Annual Pay (In US\$ dollars)	Total Wages (In US \$ thousands of dollars)
2020	11,245	656	\$462	\$24,033	\$270,250
2021	11,837	651	\$461	\$23,960	\$283,619
2022	12,088	690	\$494	\$25,680	\$310,416
2023	12,176	717	\$515	\$26,772	\$325,967
2024	12,243	667	\$544	\$28,294	\$346,386

Source: Bureau of Labor Statistics (BLS), Quarterly Census of Employment and Wages (QCEW), 2025.

FOOD MANUFACTURING: FISCAL YEARS 2023 and 2024 (In US \$ millions of dollars)

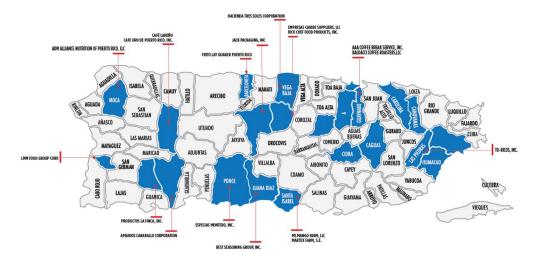
2023	2024	Change (%)
\$1,439.54	\$1,659.78	15.3%
\$167.26	\$212.98	27.3%
\$12.06	\$13.80	14.4%
\$102.22	\$102.71	0.5%
\$64.37	\$68.53	6.5%
\$56.01	\$62.20	11.0%
\$205.05	\$219.70	7.1%
\$832.56	\$979.86	17.7%
	\$1,439.54 \$167.26 \$12.06 \$102.22 \$64.37 \$56.01 \$205.05	\$1,439.54 \$1,659.78 \$167.26 \$212.98 \$12.06 \$13.80 \$102.22 \$102.71 \$64.37 \$68.53 \$56.01 \$62.20 \$205.05 \$219.70

Source: Puerto Rico Planning Board, Economic Report to the Governor and to the Legislative Assembly, Statistical Apendix, 2024.

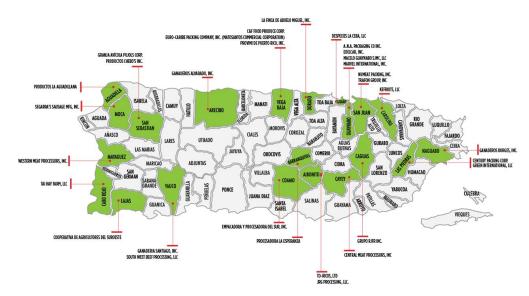
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⁶ Source: https://www.census.gov/naics/?input=311&year=2022&details=311, 2025.

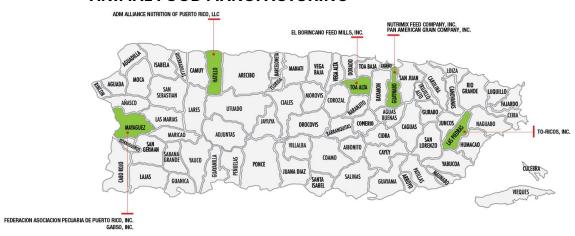
FOOD MANUFACTURING



MEAT PRODUCTS



ANIMAL FOOD MANUFACTURING



Foreign Trade

FOOD MANUFACTURING EXPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Exports (\$)	Percentage from Total Exports
311111	Dog & Cat Foods	\$611,171	0.1%
311119	Other Animal Foods	\$646,237	0.1%
311211	Flour & Other Grain Mill Products	\$3,578,576	0.4%
311212	Milled Rice & By-Products	\$44,319,163	4.6%
311221	Wet Corn Milling Products	\$219,252	0.0%
311224	Soybean Oil & Other Oilseed	\$1,095,833	0.1%
311225	Margarine & Edible Fats & Oils	\$130,736	0.0%
311230	Breakfast Cereals	\$234,583	0.0%
31131X	Sugars	\$2,261,435	0.2%
311340	Nonchocolate Confectionery Products	\$2,981,110	0.3%
31135X	Chocolate and Confectionery From Cacao Beans Products	\$22,381,884	2.3%
311411	Frozen Fruits, Juices & Vegetables	\$29,813,454	3.1%
311412	Frozen Specialty Food	\$10,284,658	1.1%
311421	Fruits & Vegetables Preserved	\$59,358,617	6.2%
311422	Specialty Canned Foods	\$159,635	0.0%
311423	Dried & Dehydrated Foods	\$894,518	0.1%
311511	Fluid Milk, Cream & Related Products	\$621,769	0.1%
311512	Creamery Butter	\$3,668,153	0.4%
311513	Cheese	\$1,233,346	0.1%
311514	Dry, Condensed, and Evaporated Dairy Products	\$22,383,127	2.3%
311520	Ice Cream & Frozen Desserts	\$2,943,983	0.3%
311611	Meat Products (Exc Poultry)	\$4,852,893	0.5%
311613	Animal Fats, Oils & By-Products	\$2,470,116	0.3%
311615	Poultry, Prepared or Preserved	\$25,426,936	2.6%
311710	Seafood Prods, Prepared, Canned & Packaged	\$5,416,958	0.6%
31181X	Bread & Bakery Products	\$15,435,457	1.6%
311824	Dry Pasta, Dough, and Flour Mixes From Purch Flour	\$29,028,870	3.0%
311919	Other Snack Foods	\$4,654,978	0.5%
311920	Coffee & Tea	\$1,580,956	0.2%
311930	Flavoring Extracts & Syrups	\$20,130,066	2.1%
311941	Mayonnaise, Dressings & Other Prepared Sauces	\$410,869,665	42.7%
311942	Spices & Extracts	\$8,111,440	0.8%
311991	Perishable Prepared Food	\$43,608,975	4.5%
311999	Other Foods, Nesoi	\$181,200,864	18.8%
311		\$962,609,414	100%

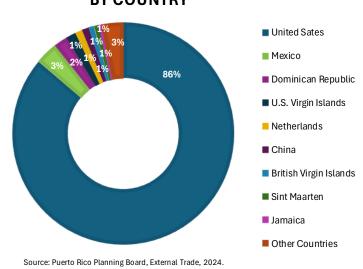
Source: Puerto Rico Planning Board, 2024.

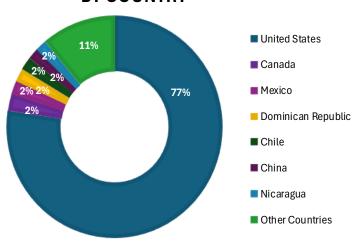
FOOD MANUFACTURING IMPORTS (FISCAL YEAR 2024)

	OD MANUFACTURING IMPORTS (Percentage from
NAICS	Description	Total Imports (\$)	Total Imports
311111	Dog & Cat Foods	\$193,617,444	4.2%
311119	Other Animal Foods	\$14,013,268	0.3%
311211	Flour & Other Grain Mill Products	\$44,424,094	1.0%
311212	Milled Rice & By-Products	\$96,955,648	2.1%
311213	Malts	\$5,274,404	0.1%
311221	Wet Corn Milling Products	\$70,559,213	1.5%
311224	Soybean Oil & Other Oilseed	\$90,102,106	2.0%
311225	Margarine & Edible Fats & Oils	\$93,081,438	2.0%
311230	Breakfast Cereals	\$74,757,735	1.6%
31131X	Sugars	\$158,048,815	3.5%
311340	Nonchocolate Confectionery Products	\$72,036,485	1.6%
31135X	Chocolate and Confectionery From Cacao Beans Products	\$83,169,957	1.8%
311411	Frozen Fruits, Juices & Vegetables	\$130,957,157	2.9%
311412	Frozen Specialty Food	\$188,412,535	4.1%
311421	Fruits & Vegetables Preserved	\$328,601,408	7.2%
311422	Specialty Canned Foods	\$45,347,705	1.0%
311423	Dried & Dehydrated Foods	\$14,930,872	0.3%
311511	Fluid Milk, Cream & Related Products	\$86,815,802	1.9%
311512	Creamery Butter	\$12,595,495	0.3%
311513	Cheese	\$238,042,304	5.2%
311514	Dry, Condensed, and Evaporated Dairy Products	\$98,282,364	2.1%
311520	Ice Cream & Frozen Desserts	\$59,636,812	1.3%
311611	Meat Products (Exc Poultry)	\$856,392,529	18.7%
311612	Processed Meat	\$1,586,776	0.0%
311613	Animal Fats, Oils & By-Products	\$2,783,640	0.1%
311615	Poultry, Prepared or Preserved	\$534,542,518	11.7%
311710	Seafood Prods, Prepared, Canned & Packaged	\$64,162,487	1.4%
31181X	Bread & Bakery Products	\$216,103,896	4.7%
311824	Dry Pasta, Dough, and Flour Mixes From Purch Flour	\$44,897,206	1.0%
311911	Roasted Nuts & Peanut Butter	\$24,041,713	0.5%
311919	Other Snack Foods	\$56,077,658	1.2%
311920	Coffee & Tea	\$84,661,819	1.9%
311930	Flavoring Extracts & Syrups	\$30,202,508	0.7%
311941	Mayonnaise, Dressings & Other Prepared Sauces	\$70,813,138	1.5%
311942	Spices & Extracts	\$44,202,962	1.0%
311991	Perishable Prepared Food	\$12,255,753	0.3%
311999	Other Foods, Nesoi	\$331,954,469	7.3%
311		\$4,574,342,133	100%
		Ψ 1,0 · 1,0 · 2,100	

FOOD MANUFACTURING EXPORTS BY COUNTRY

FOOD MANUFACTURING IMPORTS BY COUNTRY





Source: Puerto Rico Planning Board, External Trade, 2024.

Beverage and Tobacco Manufacturing

NAICS 312

The **Beverage and Tobacco Manufacturing** sector produces beverages and tobacco products. It includes three types of establishments: nonalcoholic beverage manufacturers, alcoholic beverage producers (through fermentation), and distilled alcoholic beverage producers. Ice manufacturing is grouped with nonalcoholic beverages due to its water purification process. The Tobacco Manufacturing group has two types of establishments: those redrying and stemming tobacco, and those making tobacco products like cigarettes and cigars⁷.

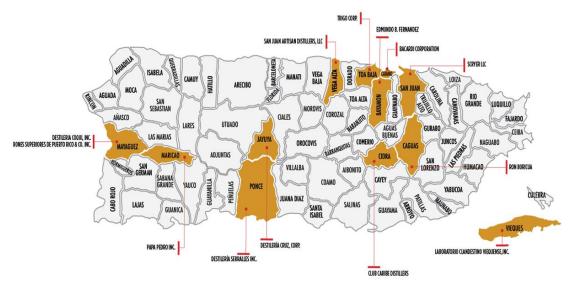
BEVERAGE AND TABACCO MANUFACTURING EMPLOYMENT, ESTABLISHMENTS AND WAGES

Years	Employees	Establishments	Average Weekly Wage (In US \$ dollars)	Average Annual Pay (In US \$ dollars)	Total Wages (In US\$ thousands of dollars)
2020	2,295	68	\$716	\$37,235	\$85,461
2021	2,463	76	\$720	\$37,423	\$92,170
2022	2,600	82	\$734	\$38,153	\$99,179
2023	2,607	86	\$744	\$38,685	\$100,833
2024	2,562	80	\$800	\$41,579	\$106,509

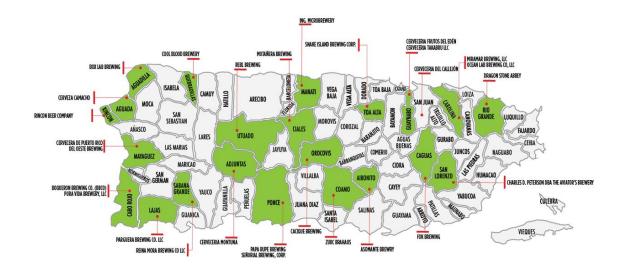
Source: Bureau of Labor Statistics (BLS), Quarterly Census of Employment and Wages (QCEW), 2025.

⁷ Source: https://www.census.gov/naics/?input=312&year=2022&details=312, 2025.

RUM MANUFACTURING



BEER MANUFACTURING



CHOCOLATE MANUFACTURING



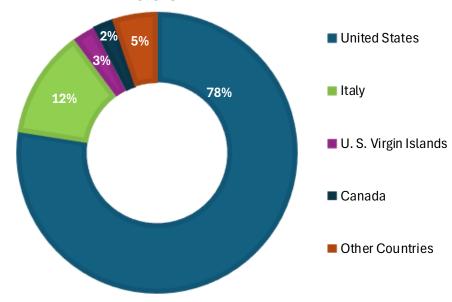
Foreign Trade

BEVERAGE AND TOBACCO EXPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Exports (\$)	Percentage from Total Exports
312111	Soft Drinks	\$57,016,399	20.9%
312112	Bottled Waters	\$299,625	0.1%
312113	Ice	\$6,078,348	2.2%
312120	Malt and Beer	\$4,084,009	1.5%
312130	Wines, Brandy, and Brandy Spirits	\$568,398	0.2%
312140	Distilled Liquors	\$104,662,941	38.4%
312230	Tobacco or Cigarette Products	\$99,989,861	36.7%
312		\$272,699,581	100%

Source: Puerto Rico Planning Board, 2024.

BEVERAGE AND TOBACCO EXPORTS BY COUNTRY



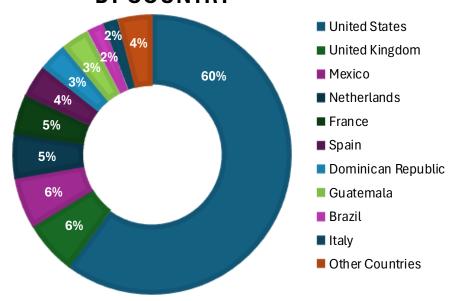
Source: Puerto Rico Planning Board, External Trade, 2024.

BEVERAGE AND TOBACCO IMPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Imports (\$)	Percentage from Total Imports
312111	Soft Drinks	\$126,912,789	18.2%
312112	Bottled Waters	\$16,105,884	2.3%
312113	Ice	\$1,347,694	0.2%
312120	Malt and Beer	\$229,287,747	32.9%
312130	Wines, Brandy, and Brandy Spirits	\$91,958,598	13.2%
312140	Distilled Liquors	\$148,404,161	21.3%
312230	Tobacco or Cigarette Products	\$83,869,937	12.0%
312		\$697,886,810	100%

Source: Puerto Rico Planning Board, 2024.

BEVERAGE AND TOBACCO IMPORTS BY COUNTRY



Source: Puerto Rico Planning Board, External Trade, 2024.

Universities

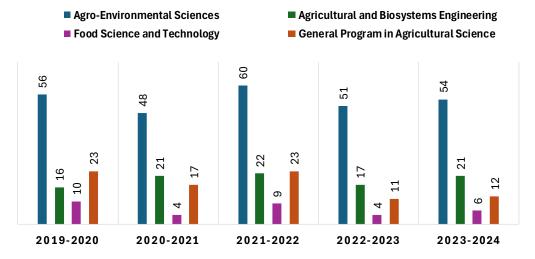
Puerto Rico develops its bilingual workforce with a focus on Science, Technology, Engineering, and Mathematics (STEM). The University of PR Mayagüez and Humacao are known for their Agricultural Science Programs and significantly contribute to the STEM workforce on the island. The University of PR Utuado offers associate and bachelor's degrees in Agricultural Technology and Agronomy. The Pontifical Catholic University of PR provides Agricultural Science Programs with an emphasis on research, and the Inter American University of PR at Barranquitas offers bachelor's and master's degrees in agriculture, as well as a Ph.D. in International Biotechnology⁸.

University	Location	Programs Offered
University of PR	Mayagüez	Bachelor's, Master's, and PhD in Agriculture and Related Sciences
University of PR	Utuado	Associate and Bachelor's Degrees in Agricultural Technology and Agronomy
University of PR	Humacao	Bachelor's Degree in Agricultural Sciences
Inter American University of PR	Barranquitas	Associate Degree in Agriculture of Precision
Inter American University of PR	Guayama	Associate Degrees in Agricultural Technology
Dewey University	Manatí	Associate Degree in Agriculture
Pontifical Catholic University of PR	Ponce	Agricultural Science Programs with Research Emphasis
Universidad Politécnica de PR	Hato Rey	Agricultural Science Studies

Sources: https://www.investpr.org/why-puerto-rico/talent-academic-assets/, 2025; https://www.pucpr.edu/oferta-academica/subgraduados/bachilleratos/, 2025.

https://www.br.inter.edu/wp-content/uploads/2020/04/Brochure-PhD-International-Biotechnology-rev.-MFM-22abril2020.pdf and the content of th

UPR MAYAGUEZ AGRICULTURAL SCIENCES DEGREES CONFERRED BY ACADEMIC PROGRAM (2019-2024)



Source: https://www.upr.edu/datos-institucionales/datos-de-matricula/, 2025.

⁸Sources: https://www.investpr.org/why-puerto-rico/talent-academic-assets/, 2025; https://www.pucpr.edu/oferta-academica/subgraduados/bachilleratos/, 2025. https://www.br.inter.edu/wp-content/uploads/2020/04/Brochure-PhD-International-Biotechnology-rev.-MFM-22abril2020.pdf, 2025.

Ecosystem - Agriculture - Food and Beverage Manufacturing



The Puerto Rico Chamber of Marketing, Industry, and Distribution of Food (MIDA) is a private, voluntary, and non-profit <u>trade association</u> that advocates for the food industry and ancillary businesses in Puerto Rico (Source: https://midapr.com/, 2025).



The Puerto Rico Agricultural Biotechnology Industry Association (PRABIA) is a beacon of innovation and sustainability within the agricultural biotechnology sector. As a nonprofit organization, it unites industry giants like BASF, Bayer, Corteva Agriscience, Illinois Crop, RiceTec, and Syngenta (Source: https://prabiapr.org/about-us/, 2025).



Puerto Rico Science, Technology & Research Trust plays a key role in promoting research and innovation, including biotechnology. They support the development of the biotechnology industry and the commercialization of research findings. The R&D programs have impacted diverse sectors like research, biodiversity, technology transfer, health, cultural heritage, agriculture, among others. Each program pushes to expand its field providing funding mechanisms, resources, and mentorship, to drive innovation. (Source: https://prsciencetrust.org/, 2025)⁹.



Puerto Rico Farm Credit has supported local agriculture and rural living in Puerto Rico for over 100 years by helping with business and home financing needs. In the Association, each farmer-member has ownership and participation (Source: https://prfarmcredit.com/, 2025).



The U.S. Department of Agriculture primary mission in Puerto Rico is to help farmers and ranchers secure the highest possible financial assistance from USDA programs through accurate, timely and efficient program delivery (Source: https://www.usda.gov/, 2025).

⁹ Sources: https://www.investpr.org/why-puerto-rico/talent-academic-assets/, 2025; https://www.pucpr.edu/oferta-academica/subgraduados/bachilleratos/, 2025. https://www.br.inter.edu/wp-content/uploads/2020/04/Brochure-PhD-International-Biotechnology-rev.-MFM-22abril2020.pdf, 2025.



Bioprocess Development and Training Complex (BDTC) is located at the Guanajibo Research and Innovation Park (GRIP) in Mayagüez. BTDC cultivates and promotes communication between industry and academia to strengthen Puerto Rico's capacity in bioprocess development and improvement and provides guidance in cutting edge technologies for biotechnology manufacturing and bioprocess engineering (Source: https://www.prteconline.com/bdtc-2/, 2025).



Molecular Science Research Center (MSRC) is a nonprofit organization with state-of-theart facilities for advanced research affiliated with the University of Puerto Rico (UPR). They provide cutting edge laboratory spaces, the latest instrumentation, and scientific expertise. Promotes collaborations and partnerships with the academic and private sectors, and federal and local agencies. (Source: https://cicim.upr.edu/cores-facilities/, 2025).



Institute of Sustainable Biotechnology (Interamerican University, Barranquitas Campus) a hub for research, education, and innovation in biotechnology with a sustainability focus. By connecting academic research with real-world applications, foster a culture of learning that encourages students and faculty to think critically and act responsibly (Source: https://isbiot.br.inter.edu/, 2025).



The Research Institute (RI) - Leads the way in advanced applied research in integrative bioscience, with a special emphasis on decoding the fundamental biological processes, underlying diseases that impact the Puerto Rican population. Is part of the iniciatives of the Puerto Rico Science Trust (Source: https://prsciencetrust.org/research-institute/, 2025).



INDUNIV Research Center, Inc. is a nonprofit organization, members supported organization that promotes and catalyzes effective collaboration among the sectors of academia, industry and government (Source: http://www.induniv.org/, 2025).

Logistics, Infrastructure and Global Access

- Puerto Rico is a well-connected jurisdiction in the Caribbean.
- It allows for rapid access to North American, Latin American, and European markets, enabling reduced transit times and reliable supply chain operations.
- It has 11 airports of which 3 are major international airports overall, including Aguadilla's international airport which has the region's longest runway. Its port system is ranked among the top 20 in the U.S., moving over 1.4 million TEUs per year.
- In 2025, Puerto Rico secured a two-year exemption from federal air cabotage laws to increase its ability to transfer international cargo more flexibly and cost-effectively.
- 90% of Puerto Rico's air cargo consists of pharmaceutical and medical device products.
- Additional logistical and cost advantages are provided by facilities like Lufthansa Technik's MRO hub and the Free Trade
 Zone infrastructure¹⁰.

Advantages of Operating in Puerto Rico

U.S. Jurisdiction - FDA regulated, and protected by U.S. legal and intellectual property standards

Workforce & Talent Development - 2,500 post grads in STEM and health fields annualy

Advanced Academic Community - Opportunities for collaborative research projects with local universities and research institutions

Organizational Support - PRIMEX has focused on increasing the competitiveness of PR's industrial base by bridging the productivity gap for companies, identifying opportunities for growth, and encouraging technology deployment.

More than 714 Free Trade Zones (FTZ) of qualified facilities and more than 50 FDA approved pharmaceutical plants

Source: https://www.investpr.org/wp-content/uploads/2024/06/IPR_Bioscience-Bifold-2024-Web_Final.pdf; https://primexpr.org/, 2025.

The logistics sector in Puerto Rico plays a critical role in facilitating the efficient movement of bioscience products and materials, supporting the island's bioscience industries, international trade, and supply chain operations. Puerto Rico is adopting advanced supply chain technologies such as Al-driven predictive analytics, blockchainbased traceability platforms and temperature-controlled transportation solutions to optimize the storage, handling, and distribution of pharmaceuticals, medical devices, research materials and agricultural biotech products, ensuring product integrity and regulatory compliance¹¹

 $^{^{\}rm 10}$ Source: Department of Economic Development and Commerce (DEDC), 2025.

¹¹Source: https://www.investpr.org/key-sectors/biosciences/, 2025.



Office Strategy and Business Intelligence Puerto Rico's Agro-Industries Profile 2025

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