

PUERTO RICO'S

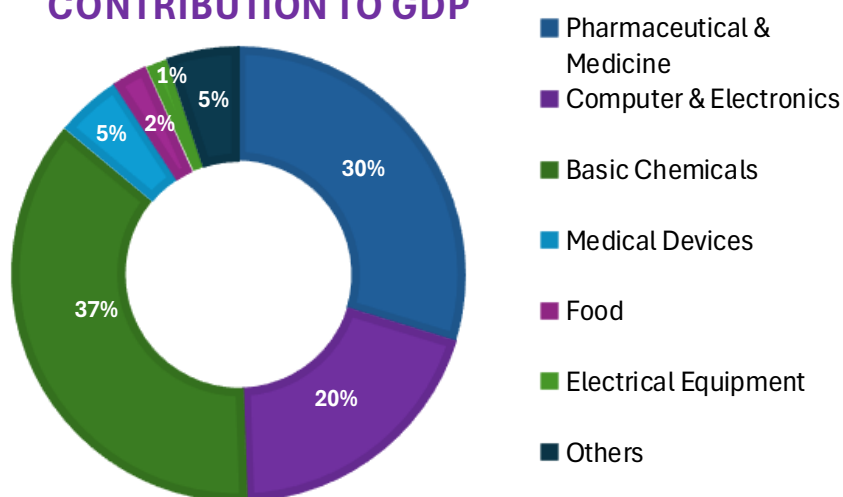
Information and Communication Technologies Industry Profile

NAICS 3341, 3342, 3343, 5132, 5162, 5182, 5171, 5415

Puerto Rico's Information and Communication Technology (ICT) sector plays a crucial role in the economy by providing essential goods and services for information processing and transmission. Industries in this sector include Computer and Electronic Manufacturing, Computer Systems Design, Software Publishers, Media Streaming and Distribution Services, Wired and Wireless Telecommunications, and Computer Infrastructure Providers. These companies significantly contribute to Puerto Rico's Gross Domestic Product (GDP) and exports, highlighting its importance in enhancing productivity across various industries¹.

- **Economic Contribution:** The Computer and Electronics Manufacturing sector accounts for \$10.6 billion or 20% of the Puerto Rico's GDP Manufacturing Sector (\$53.8 billion) in fiscal year 2023 and contributed \$1.7 billion or 2.7% in manufacturing exports of Computer and Electronic Products (\$63.1 billion) in fiscal year 2024.
- The sector reported **22,189 jobs** and **999 establishments**, in 2024.
- **Workforce Development:** Puerto Rico has a strong bilingual workforce supported by a rigorous STEM education system, with over one hundred accredited universities and colleges producing skilled professionals in technical fields.
- In 2024 the **Average Annual Pay** of companies in this sector was **\$60,000**, apart from Software Publishers which Average Annual Pay was \$200,000.

MANUFACTURING SECTORS CONTRIBUTION TO GDP



Source: Puerto Rico Planning Board, Income and Product, 2023.

¹ Sources: <https://www.investpr.org/key-sectors/technology-and-ict/>; <https://www.census.gov/naics/?input=51&year=2022&details=51>, 2025.

Computer Industry: Employment, Establishments and Wages

COMPUTER AND ELECTRONIC MANUFACTURING (NAICS 334)

Years	Employees	Establishments	Average Weekly Wage	Average Annual Pay	Total Wages (thousands)
2020	5,998	32	\$932	\$48,469	\$290,713
2021	6,192	31	\$1,015	\$52,796	\$326,930
2022	6,827	32	\$1,024	\$53,239	\$363,481
2023	7,600	39	\$1,114	\$57,907	\$440,069
2024	7,742	36	\$1,162	\$60,412	\$467,700

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

COMPUTER SYSTEMS DESING AND RELATED SERVICES (NAICS 5415)

Years	Employees	Establishments	Average Weekly Wage	Average Annual Pay	Total Wages (thousands)
2020	5,064	477	\$1,017	\$52,892	\$267,856
2021	5,511	535	\$1,055	\$54,873	\$302,406
2022	5,877	615	\$1,117	\$58,062	\$341,247
2023	5,333	677	\$1,104	\$57,419	\$306,227
2024	5,903	633	\$1,143	\$59,425	\$350,811

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

SOFTWARE AND COMPUTER SERVICES BY NAICS (5132, 5162, 5171, 5182)

Years	Employees				Total Employees	Establishments				Total Establishments
	Software Publishers (NAICS 5132)	Media Sreaming and Distribution Services (NAICS 5162)	Wired and Wireless Telecommunications (NAICS 5171)	Computer Infrastructure Providers (NAICS 5182)		Software Publishers (NAICS 5132)	Media Sreaming and Distribution Services (NAICS 5162)	Wired and Wireless Telecommunications (NAICS 5171)	Computer Infrastructure Providers (NAICS 5182)	
2020	NA	NA	NA	2,734	2,734	NA	NA	NA	44	44
2021	NA	NA	NA	2,512	2,512	NA	NA	NA	43	43
2022	148	869	6,250	2,573	9,840	13	38	235	49	335
2023	138	705	5,332	2,613	8,788	16	34	230	57	337
2024	168	771	5,163	2,442	8,544	16	38	223	53	330

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

Puerto Rico, Florida and New Jersey by Occupations, Employment and Wages 2025

Occupations	PUERTO RICO			FLORIDA			NEW JERSEY		
	Employment	Annual Median Wage (\$)	Employment per 1,000 jobs	Employment	Annual Median Wage (\$)	Employment per 1,000 jobs	Employment	Annual Median Wage (\$)	Employment per 1,000 jobs
Computer and Mathematical Occupations	14,110	\$45,420	15.02	290,770	\$99,190	29.61	164,420	\$118,830	38.68
Computer Systems Analysts	1,310	\$61,940	1.40	35,660	\$100,770	3.63	17,290	\$123,640	4.07
Information Security Analysts	470	\$59,520	0.50	13,770	\$105,990	1.40	4,730	\$135,390	1.11
Computer Network Support Specialists	700	\$47,160	0.75	7,830	\$68,950	0.80	4,420	\$88,440	1.04
Computer User Support Specialists	5,560	\$33,950	5.91	48,780	\$58,120	4.97	19,930	\$65,810	4.69
Computer Network Architects	260	\$61,430	0.27	8,690	\$130,320	0.88	6,440	\$147,650	1.52
Database Administrators	230	\$49,210	0.24	4,080	\$97,900	0.42	2,060	\$128,970	0.49
Database Architects	80	\$77,300	0.09	2,040	\$133,040	0.21	2,530	\$143,900	0.60
Network and Computer Systems Administrators	850	\$53,620	0.91	22,280	\$92,980	2.27	10,300	\$104,850	2.42
Computer Programmers	910	\$43,010	0.97	4,700	\$98,630	0.48	4,000	\$102,770	0.94
Software Developers	1,580	\$64,350	1.68	82,610	\$126,550	8.41	57,120	\$132,400	13.44
Software Quality Assurance Analysts and Testers	280	\$50,510	0.30	12,080	\$96,700	1.23	6,930	\$111,790	1.63
Web Developers	200	\$44,290	0.21	4,530	\$81,410	0.46	2,160	\$87,980	0.51
Web and Digital Interface Designers	130	\$35,740	0.14	4,140	\$75,480	0.42	2,450	\$87,070	0.58
Computer Occupations, All Other	930	\$42,250	0.99	18,320	\$102,750	1.87	12,490	\$103,910	2.94
Data Scientists	120	\$70,690	0.12	9,480	\$105,820	0.96	5,860	\$130,370	1.38

Source: U.S. Bureau of Labor statistics, "Occupational Employment and Wage Statistics", 2025.
SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Puerto Rico, New York and Texas by Occupations, Employment and Wages 2025

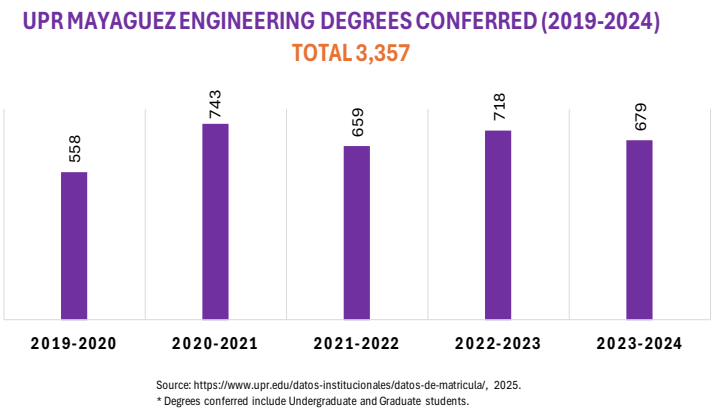
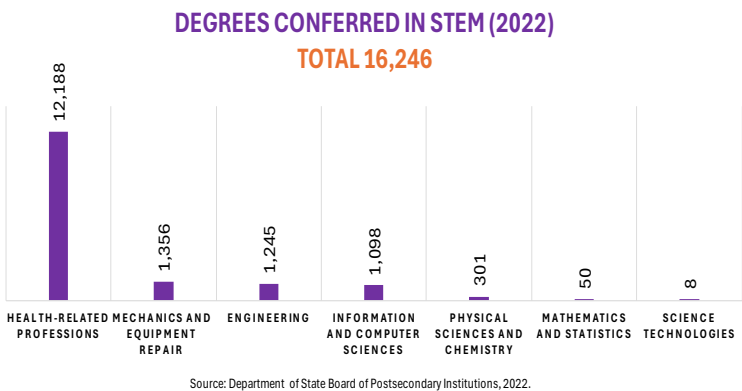
Occupations	PUERTO RICO			NEW YORK			TEXAS		
	Employment	Annual Median Wage (\$)	Employment per 1,000 jobs	Employment	Annual Median Wage (\$)	Employment per 1,000 jobs	Employment	Annual Median Wage (\$)	Employment per 1,000 jobs
Computer and Mathematical Occupations	14,110	\$45,420	15.02	299,980	\$119,460	31.44	496,000	\$103,990	35.82
Computer Systems Analysts	1,310	\$61,940	1.40	20,950	\$105,610	2.20	48,150	\$104,970	3.48
Information Security Analysts	470	\$59,520	0.50	8,860	\$131,100	0.93	14,730	\$124,970	1.06
Computer Network Support Specialists	700	\$47,160	0.75	6,450	\$78,410	0.68	12,730	\$64,440	0.92
Computer User Support Specialists	5,560	\$33,950	5.91	41,260	\$63,910	4.32	61,290	\$55,320	4.43
Computer Network Architects	260	\$61,430	0.27	9,180	\$136,230	0.96	16,160	\$129,110	1.17
Database Administrators	230	\$49,210	0.24	3,680	\$106,940	0.38	6,110	\$109,990	0.44
Database Architects	80	\$77,300	0.09	4,180	\$128,270	0.44	6,330	\$133,800	0.46
Network and Computer Systems Administrators	850	\$53,620	0.91	19,770	\$104,050	2.07	34,640	\$94,170	2.50
Computer Programmers	910	\$43,010	0.97	7,090	\$100,410	0.74	11,220	\$80,820	0.81
Software Developers	1,580	\$64,350	1.68	104,130	\$161,260	10.91	151,460	\$130,500	10.94
Software Quality Assurance Analysts and Testers	280	\$50,510	0.30	11,140	\$108,800	1.17	19,300	\$101,800	1.39
Web Developers	200	\$44,290	0.21	6,340	\$67,400	0.67	5,280	\$93,120	0.38
Web and Digital Interface Designers	130	\$35,740	0.14	14,840	\$121,700	1.55	7,360	\$89,630	0.53
Computer Occupations, All Other	930	\$42,250	0.99	9,860	\$105,210	1.03	59,680	\$108,170	4.31
Data Scientists	120	\$70,690	0.12	20,070	\$125,400	2.10	23,420	\$106,540	1.69

Source: U.S. Bureau of Labor statistics, "Occupational Employment and Wage Statistics", 2025.

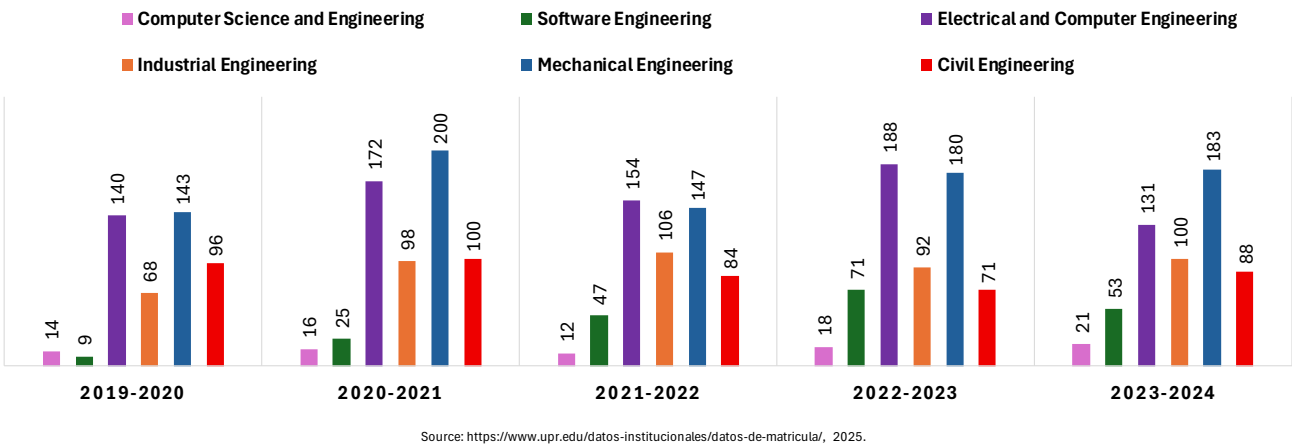
SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Universities

Puerto Rico boosts its bilingual workforce through a strong focus on Science, Technology, Engineering and Mathematics (STEM). The **University of Puerto Rico Mayagüez (UPRM)** and the **Polytechnic University of Puerto Rico (PUPR)** are known for their Engineering Programs, significantly contributing to the Island's STEM workforce. The **Research and Development Center of the UPRM** reported 442 Active Research Projects with 124.2 million in fundings for FY 2022-2023 and **The Dean for Research & Innovation** guides the College of Engineering in strengthening its leadership in Translational Research across UPRM, Puerto Rico, and the Americas².



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

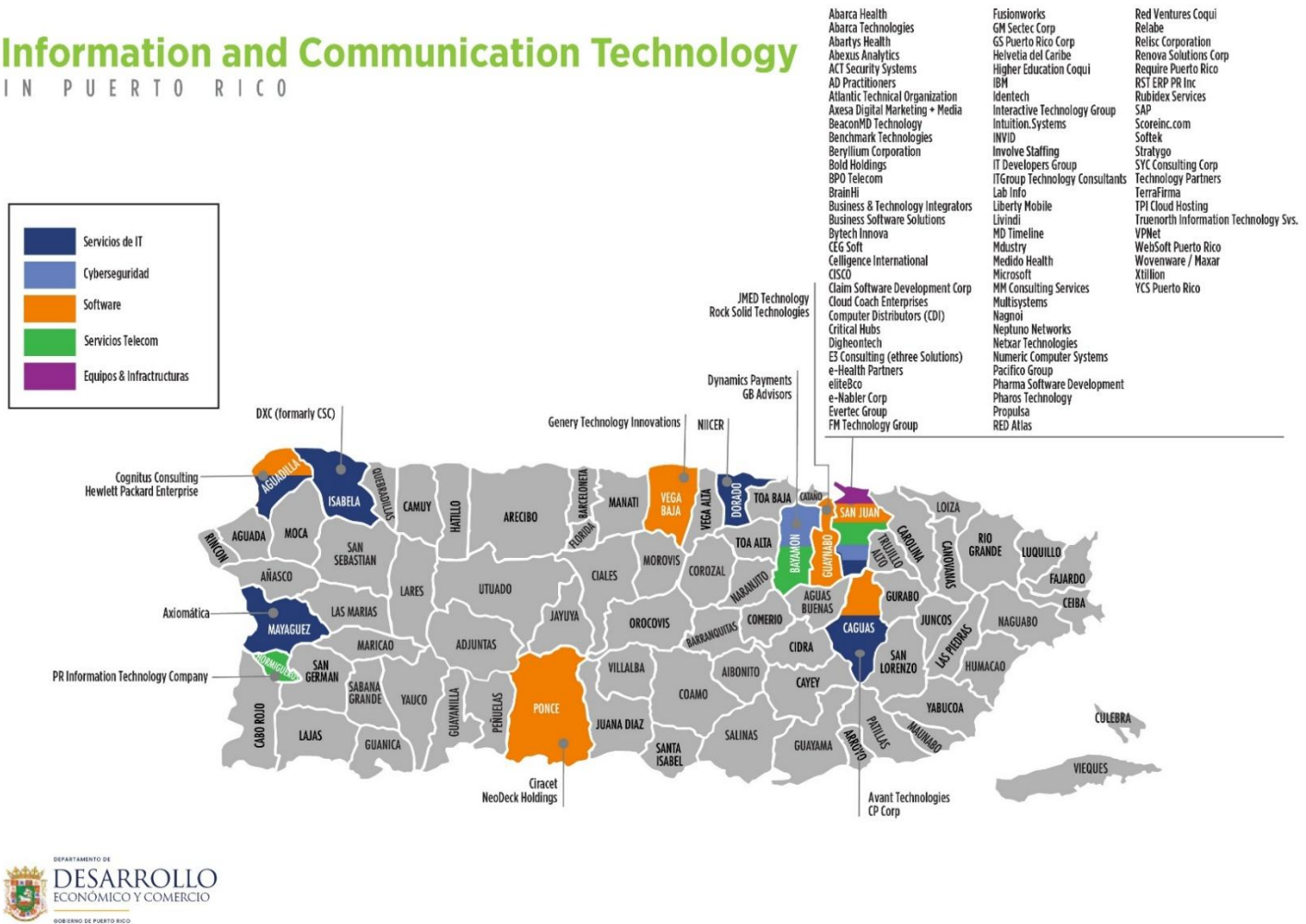


² Sources: [College of Engineering Research and Innovation – University of Puerto Rico Mayagüez Campus](#), 2025; [Research and Development Center – University of Puerto Rico Mayagüez Campus](#), 2025; [Undergraduate Programs | Polytechnic University of Puerto Rico](#), 2025.

Tech Hub

Puerto Rico is an attractive hub for ICT operations. The Island has become a prime spot for tech companies due to its high return rates, tax benefits, modern infrastructure, excellent communication systems, strong government support, and entrepreneurial spirit. Major companies like E3 Consulting, Evertec Group, Hewlett Packard, Microsoft, Nagnoi, Neo Deck Holdings, Red Ventures, and Rock-Solid Technologies have set up operations here. From startups to multinationals, businesses maximize Puerto Rico’s tech environment to create local and global solutions.

Information and Communication Technology
IN PUERTO RICO



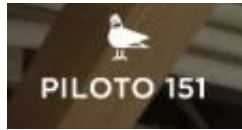
LOCATION QUOTIENT OF EMPLOYMENT AND WAGES

Region	Computer and Electronic Manufacturing Employment	Total Manufacturing Employment	Computer and Electronic Manufacturing Wages (in thousands)	Total Manufacturing Wages (in thousands)
Puerto Rico	7,742	82,535	467,700	3,752,595
United States	1,020,114	12,730,845	156,691,792	1,088,574,355
PR Percentage	9.4%		12.5%	
USA Percentage	8.0%		14.4%	
Location Quotient	1.2		0.9	

Source: Bureau of Labor Statistics (BLS), Quarterly Census of Employment and Wages (QCEW), 2025.
*An LQ greater than 1 is positive and indicates that a chosen region has greater concentration of employment or wages than that of the reference region.

Tech Ecosystem

The Island's tech ecosystem fosters the development of cutting-edge technologies, supported by world-class infrastructure, collaborative workspaces, and specialized programs:



Research Labs

- **Puerto Rico Science, Technology & Research Trust** - A hub for scientific innovation supporting biotechnology, renewable energy, and medical advancements.
- **Engine 4** - A startup incubator in Bayamon with maker labs for prototyping and partnerships with universities.
- **UPR Molecular Sciences Research Center** - Facilitates breakthrough research in biosciences and environmental technology.

Tech Talent & Programs

- **Parallel 18** - Provides funding, mentorship, and global networking opportunities for startups.
- **21st Century Techforce Initiative** - Prepares the workforce for future tech challenges through digital literacy and skill development.
- **Bravo Family Foundation's Rising Entrepreneurs Program** - Supports early-stage startups with capital and mentorship.
- **Institutions like Holberton School and Ironhack** train job-ready talent in software engineering, machine learning, and cybersecurity.

Coworking Spaces

- Puerto Rico's growing tech ecosystem is supported by a diverse range of coworking spaces that foster innovation, collaboration, and business growth. These hubs provide flexible work environments, networking opportunities, and access to resources essential for startups, remote workers, and tech companies looking to establish a presence on the Island. Some coworking spaces are **Piloto 151 (San Juan)**, **CoSPAZIO (San Juan)**, **Engine 4 (Bayamon)**, **Spece (San Juan & Bayamon)**, **Santurce POP (San Juan)**, **CocoHaus (San Juan)**, **E.P.I.C. Makerspace (Mayagüez)**, **The Landmark (Guaynabo)**³.

³ Source: <https://www.investpr.org/key-sectors/technology-and-ict/>, 2025.

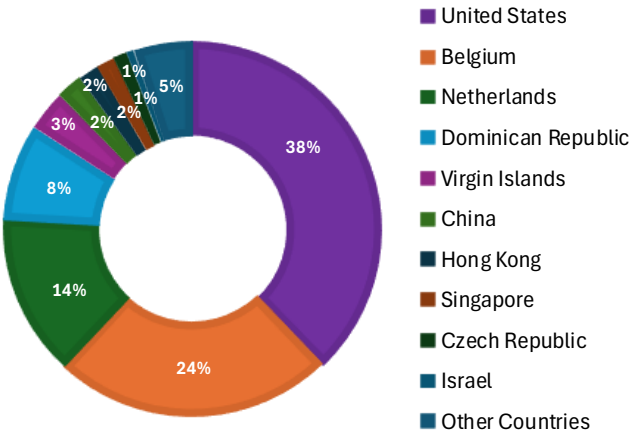
Commercial Trade

COMPUTER AND ELECTRONIC EXPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Exports (in US \$ millions of dollars)	Percentage from Total Exports
334111	Electronic Computer Manufacturing	\$10,416,064	6.0%
334112	Computer Storage Device Manufacturing	\$1,374,699	0.8%
334118	Computer Terminal and Computer Peripheral Equipment Manufacturing	\$79,183,426	45.4%
334210	Telephone Apparatus Manufacturing	\$460,657	0.3%
334220	Radio and TV Broadcasting and Wireless Communications Equipment Manufacturing	\$75,986,583	43.6%
334290	Other Communications Equipment Manufacturing	\$2,026,325	1.2%
334310	Audio and Video Equipment Manufacturing	\$5,024,189	2.9%
		\$174,471,943	100.0%

Source: Puerto Rico Planning Board, 2024.

COMPUTER AND ELECTRONIC EXPORTS BY COUNTRY



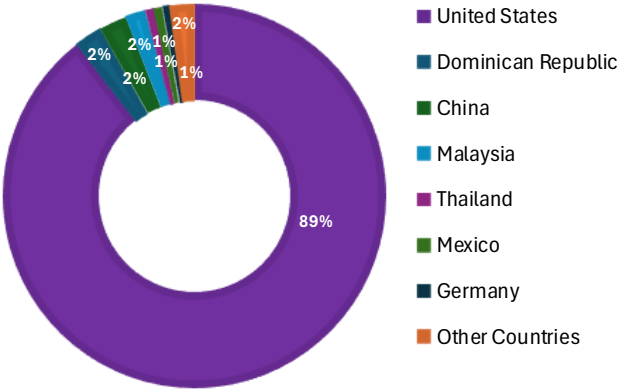
Source: Puerto Rico Planning Board, External Trade, 2024.

COMPUTER AND ELECTRONIC IMPORTS (FISCAL YEAR 2024)

NAICS	Description	Total Imports (in US \$ millions of dollars)	Percentage from Total Imports
334111	Electronic Computer Manufacturing	\$241,001,879	15.8%
334112	Computer Storage Device Manufacturing	\$9,419,754	0.6%
334118	Computer Terminal and Computer Peripheral Equipment Manufacturing	\$146,589,358	9.6%
334210	Telephone Apparatus Manufacturing	\$7,503,966	0.5%
334220	Radio and TV Broadcasting and Wireless Communications Equipment Manufacturing	\$919,224,392	60.3%
334290	Other Communications Equipment Manufacturing	\$15,890,067	1.0%
334310	Audio and Video Equipment Manufacturing	\$184,920,716	12.1%
		\$1,524,550,132	100.0%

Source: Puerto Rico Planning Board, 2024.

COMPUTER AND ELECTRONIC IMPORTS BY COUNTRY



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

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 development
- 75% property tax exemption, 50% municipal tax exemption, and 100% tax exemption on raw material, machinery and equipment, and dividends distribution⁴

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.
- Additional logistical and cost advantages are provided by facilities like Lufthansa Technik's MRO hub and the Free Trade Zone infrastructure⁵.

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 annually
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

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 **AI-driven predictive analytics, blockchain-based 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 compliance⁶.

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

⁴ Source: <https://www.desarrollo.pr.gov/ayudas-e-incentivos?tab=codigo#incentivos>, 2025.

⁵ Source: Department of Economic Development and Commerce (DEDCC), 2025.

⁶ Source: <https://www.investpr.org/key-sectors/biosciences/>, 2025.

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Puerto Rico's Information and Communication Technologies Industry Profile 2025

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