

# Bioscience



## Uniquely Positioned Across 4 Subsectors

### Pharmaceutical Manufacturing

- Puerto Rico produces 6 of top 10 biologics in the world
- Leads the nation in pharma exports

### Medical Device Manufacturing

- Home to 11 of the 20 Class 3 Medical Device manufacturers
- 2,100 independent lines produced on the Island

### Research and Development

- 3 state of the art landing pads focused on research in chemistry, neurobiology, and fiber optics
- Unique R&D incentives make Puerto Rico a corporate innovation hub
- State of the art public and private research facilities

### Agricultural Biotechnology

- 85% of the seeds sold around the world pass through Puerto Rican facilities
- Year-round farming means 5x more crops than temperate climates

Puerto Rico is an undisputed global powerhouse in pharmaceutical and medical device manufacturing, with supportive strengths in research and development, agrobiotech and controlled environment logistics. The island is ranked 6th in the world in concentration of scientists and engineers providing the talent and expertise to drive productivity. Puerto Rico is the logical choice for reshoring manufacturing of critical goods that serve current national security objectives.

Puerto Rico has available Contract Manufacturing Operations ready to immediately produce high quality medicine, vaccines, and other health needs. The island also has an inventory of public and private buildings and sites, as well as a globally recognized team of BioScience development professionals to design, permit, finance, construct and commission your facility.

## BioScience is in our DNA



Puerto Rico is the largest exporter of biopharmaceuticals in the United States

OVER **50** YEARS

of experience in Pharma and Medical Device manufacturing

OVER **30** YEARS

in sterile manufacturing

OVER **\$53B**

in total BioScience exports



Quick availability of CMOs & greenfield sites. Excellent industry support can also help companies customize their facilities to accommodate all types of operations.

"We chose Puerto Rico to develop and manufacture innovative cancer treatments based on the significant scientific capabilities of our local talent and the decades of experience on the island in biopharmaceutical manufacturing."

— José Eduardo Vidal, Ph.D., COO, CytolImmune

## 94K Total Bio Industry Related Employment

Role	Puerto Rico Avg. Yearly Salary	U.S.A. Avg. Yearly Salary	Puerto Rico Location Quotient
Life Scientists	\$50,000	\$94,400	2.08
Microbiologist	\$52,600	\$87,800	1.83
Chemist	\$68,500	\$89,100	2.31
Chemical Technicians	\$41,000	\$55,000	2.51
Soil & Plant Scientists	\$35,750	\$76,300	2.54

11 of the world's top 20 pharmaceutical companies have operations in Puerto Rico

- |                             |                      |
|-----------------------------|----------------------|
| Merck                       | Viartis (Pfizer)     |
| AbbVie                      | AstraZeneca          |
| Janssen (Johnson & Johnson) | Eli Lilly            |
| Haleon (GSK)                | Amgen                |
| Bristol-Myers Squibb        | Boehringer Ingelheim |
|                             | Teva                 |

11 of the world's top 20 medical device companies have operations in Puerto Rico

- |                             |                   |
|-----------------------------|-------------------|
| Medtronic                   | Cardinal Health   |
| Janssen (Johnson & Johnson) | Stryker           |
| Abbott                      | Baxter            |
| GE Healthcare               | Boston Scientific |
| BD Biosciences              | Zimmer Biomet     |
|                             | Fresenius Kabi    |



## Poised for global transshipment

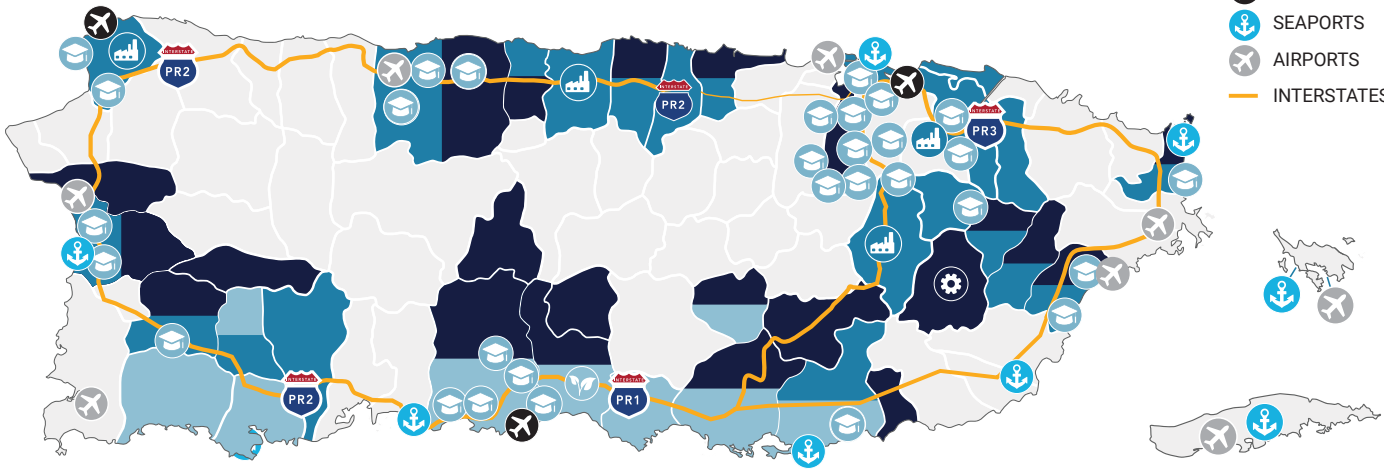
Shipments to over 83 destinations

**3** International Air Transshipment Hubs

**11** Seaports

**11** Airports

- UNIVERSITIES
- PHARMA CORRIDORS
- AGBIO CORRIDORS
- MEDICAL DEVICE CORRIDORS
- INTL. AIR TRANSFER HUBS
- SEAPORTS
- AIRPORTS
- INTERSTATES



### Among the Most Competitive Incentives in the United States

4% Corporate Tax Rate  
Hard to Recruit Workforce Incentives

R&D Tax Advantages  
Tax Exemptions for Export Services

Multi-Phase Clinical Trial Exemptions  
Multiple Manufacturing Incentives Available



#### U.S. Jurisdiction

- Governed by U.S. Federal law
- FDA regulated
- Legal & intellectual property protections of the U.S.



#### Workforce & Talent Development

- Wages are 40% lower than the rest of the U.S.
- Bilingual in English and Spanish



#### Trailblazing Academic Community

- 80+ local universities
- Over 200K students annual enrollment



#### Organizational Support

- Home to a top-ranked manufacturing extension partnership in the U.S.\* and many established industry trade clusters
- \*According to the NIST



#### Real Estate

- More than 714 Foreign-Trade Zone qualified facilities
- 1,500 publicly managed buildings