



AERONAUTICAL & AEROSPACE
INSTITUTE OF PUERTO RICO

AEROSPACE IN PUERTO RICO

The concept and strategic effort used to support the aeronautical/aerospace business sector stems from the creation of a cluster of industries involved in different focuses of development, which they can and should be made in phasing parallels for the successful implementation of this strategy.

1. The first focus: Integration and diversification of the knowledge ecosystem.
2. The second focus: Supply Chain ecosystem
3. The third focus: Quality of Life to support a Multicultural Fit
4. The fourth focus: Create an attractor for anchor companies of different areas and disciplines related to the aerospace industry.
5. The fifth focus: Financial Infrastructure

PUERTO RICO AEROSPACE CAPABILITIES

- Engineering and Information Systems Services to design, evaluate, and support Airframe Systems and all types of Aerospace Products
- Maintenance, repair and overhaul (MRO) of narrow body aircrafts of the Airbus A320 family.
- Information technology outsourcing and consulting services.
- Automated Testing and Validation.
- Manufacturing of: Custom Harness Assemblies, RF Assemblies and Over molded Assemblies.
- Contract Manufacturing Services specialized in the manufacture of wiring harness and cable assemblies for aerospace and military applications.

WHY INVEST IN PUERTO RICO?

- Customer savings due to government tax incentives
- **Relatively low labor costs: \$37,347 average salary in computer engineering and science occupation vs \$71,170 in the U.S.**
- Located one-time zone away from the US East Coast; a low cost off-shore location (import/export).
- High tech facilities with ample space to expand and with close proximity (**within minutes**) to airports.
- Talented team of bilingual and professional technicians and engineers: **Puerto Rico was among the top 23 countries in the world in terms of mean years of schooling in 2012.**
- No US export issues (Puerto Rico is a U.S. jurisdiction) and **high intellectual property protection.**
- Critical mass of Aerospace talent of companies located in the Island.
- Comprehensive academic ecosystem that supports by the Aeronautical and the Aerospace Institute of Puerto Rico (AAIPR) in the Northwestern region of Puerto Rico.



How good is this “Northwestern region” of Puerto Rico?

- Population Density of 367 per squared kilometer, ranking in the fifth position with respect to OECD countries.
- Relatively low crime: Violent Crime rate per 1,000 individuals is 3.78, lower than New Zealand (10.20), Finland (4.90), or San Francisco (7.77).
- Wonderful weather throughout the year to allow for uninterrupted production
- Universities and fully bilingual schools accredited by the Middle States Commission
- Electric power, highway, and water systems that serve the entire main island



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Information was obtained from American Community Survey and other sources cited in www.aaipr.upr.edu



PUERTORICO FACTSHEET

PUERTO RICO FISCAL AGENCY AND FINANCIAL ADVISORY AUTHORITY

AS OF JANUARY 2017

GEOGRAPHY

Location: Caribbean, island between the Caribbean Sea and the North Atlantic Ocean, east of the Dominican Republic

Geographic coordinates: 18 15 N, 66 30 W

Map references: Central America and the Caribbean

Land and Water Area: 13,790 sq. km. (5,324 sq. mi.)

Coastline: 501 km (311 miles)

Climate: tropical marine, mild; little seasonal temperature variation

Terrain: mostly mountains, with coastal plain belt in north; mountains precipitous to sea on west coast; sandy beaches along most coastal areas

Elevation extremes: lowest point: Caribbean Sea 0 m
highest point: Cerro de Punta 1,338 m

PEOPLE

Population: 3,474,182 (July 1, 2015 est.)

Age structure: 0-14 years: 17.1% (male 304,479; female 288,555) (2015 est.) 15-64 years: 64.9% (male 1,080,338; female 1,173,848) (2015 est.) 65 years and over: 18.0% (male 271,331; female 355,631) (2015 est.)

Median age: total: 40 years (2015 est.)
male: 38 years
female: 41.8 years

Population growth rate: -1.7% (2015 est.)

Birth rate: 10.8 births/1,000 population (2015 est.)

Death rate: 8.8 deaths/1,000 population (2015 est.)

Net migration rate: -7.4 migrant(s)/1,000 population (2015 est.)

Sex ratio: at birth: 1.02 males(s)/female (2015 est.)
under 15 years: 1.06 male(s)/female
15-64 years: 0.92 male(s)/female
65 years and over: 0.76 male(s)/female
total population: 0.91 male(s)/female (2015 est.)

Infant mortality rate:
total: 7.4 deaths/1,000 live births (2015 est.)
male: 8.2 deaths/1,000 live births
female: 6.6 deaths/1,000 live births

Life expectancy at birth:
total population: 79.4 years (2015 est.)
male: 75.8 years
female: 83.1 years

Total fertility rate: 1.64 children born/woman (2015 est.)

Nationality: noun: Puerto Rican(s) (US citizens)
adjective: Puerto Rican

Ethnic groups: white 75.8%, black / African American 12.4%, other 8.5%, and mixed 3.3% (2010)

Religion: Roman Catholic 85%, Protestant and other 15%

Languages: Spanish, English

Literacy: definition: age 15 and over can read and write
total population: 93.3%
male: 92.8%
female: 93.8% (2015 est.)

ECONOMY

GNP: \$68.5 billion (2015)

GNP - real growth rate: -0.6% (2015)

GNP - per capita: \$19,549 (2015)

GDP: \$102.9 billion (2015)

GDP - per capita: \$29,360 (2015)

GDP - composition by sector: (2015)

Manufacturing:	46.9%
Finance, insurance and real estate:	20.9%
Services:	12.9%
Trade:	7.5%
Government:	7.1%
Transportation and other public utilities:	2.9%
Construction and Mining:	1.1%
Agriculture:	0.8%

Persons below poverty level: 45.5% (2015)

Inflation rate: change in the implicit price deflator for GNP 0.6% (2015)

Labor force: 1.1 million (2016)

Labor force - by occupation: (2016)

Services:	34.9%
Trade:	23.7%
Government:	18.9%
Manufacturing:	8.4%
Transportation and other public utilities:	4.3%
Construction and mining:	3.4%
Finance, insurance and real estate:	4.3%
Agriculture:	1.5%

Unemployment rate: 11.7% (2016)

Industries: pharmaceuticals, electronics, food products

Electricity - production: 20.9 billion kWh (2016)

Electricity - consumption: 17.3 billion kWh (2016)

Natural gas - consumption: 2,606,992 km³ (2015)

Natural gas - imports: 2,606,992 km³ (2015)

Agriculture - products: coffee, pineapples, plantains, bananas, starchy vegetables; livestock products, milk, poultry (2015)

Exports: \$69.4 billion f.o.b. (2015)

Exports - commodities: Pharmaceuticals, chemicals, medical equipment, food, computers, electronics, electrical equipment

Exports - partners: US 74.1%, Belgium 5.7%, Netherlands 3.7%, Spain 2.1% and Austria 2.0% (2015)

Imports: \$43.2 billion c.i.f. (2015)

Imports - commodities: Pharmaceuticals, chemicals, petroleum products, food, computer and electronic products, motor vehicles, machinery

Imports - partners: US 51.7%, Ireland 12.0%, Singapore 7.9%, Brazil 3.4% and Japan 3.3% (2015)

Currency: US dollar (USD)

Currency code: USD

Fiscal year: 1 July - 30 June

GOVERNMENT

Country name:

Conventional long form:
Commonwealth of Puerto Rico
Conventional short form: Puerto Rico

Government status: unincorporated organized territory of the US with commonwealth status; policy relations between PR and the US conducted under the jurisdiction of the Office of the President.

Government type: presidential democracy; a self-governing commonwealth in political association with the US.

Capital: San Juan

Legal system: based on civil law and within the US Federal legal system

Suffrage: 18 years of age; universal; island residents are US citizens but do not vote in US presidential elections

Head of State: President Donald J. Trump (since January 20, 2017)

Governor: Ricardo Rosselló-Neveas (since January 2, 2017)

Legislative branch: bicameral Legislative Assembly consists of the Senate (30 seats; members are directly elected by popular vote to serve four-year terms) and the House of Representatives (51 seats; members are directly elected by popular vote to serve four-year terms)

Judicial branch: Supreme Court; Appellate Court; Court of First Instance composed of two sections: a Superior Court and a Municipal Court (justices for all these courts are appointed by the governor with the consent of the Senate)

International organization participation:

Caricom (observer), Interpol (subbureau), IOC, UNWTO (associate), UPU, AOSIS (observer), WFTU (NGOs)

TRANSPORTATION

Highways: total: 28,024.9 km
paved: 27,877.4 km
unpaved: 147.5 km (2015)

Ports and harbors: 12

Airports: 10

SOURCES

U.S. Census Bureau
Economic Report to the Governor 2015
Puerto Rico Planning Board
Office of Management and Budget
The World Factbook 2014-2015.
Central Intelligence Agency, Washington, DC
External Trade Statistics 2015
Puerto Rico Planning Board
Highway and Transportation Authority
Puerto Rico Ports Authority