

Select language:

English

Survey of Science and Technology 2015: Research and Development (R&D)

Select language:

English



Purpose – This survey collects data that will be used to estimate the resources dedicated to Research and Development in Puerto Rico

Definitions – Please read the definitions and instructions provided at the end of the questionnaire before giving your answers. These can help you to better understand the information that is being requested.

Questions – The research team is available to answer any questions, and can be contacted by telephone: (787) 764-0000 Ext. 87262 or by email: manuel.lobato@upr.edu (<mailto:manuel.lobato@upr.edu>).

THE INFORMATION YOU PROVIDE IN THIS FORM IS CONFIDENTIAL and is protected under Act 209 of 2003, as amended. Data provided in this form will be used only for statistical analysis by the Puerto Rico Institute of Statistics and will not be shared with any other public or private entity. The results of the study will be published in a final report, which will be made available to you as a participant in this survey.

THANK YOU for your cooperation. Your response is very important to the success of this study.

There are 29 questions in this survey.

COMPANY IDENTIFICATION INFORMATION

* Company Name

¿Are the headquarters of your company located in Puerto Rico?

Yes

No

No answer

Name of the president or executive director of your company in Puerto Rico

Name of person who completed this form

Position

Email Address

Telephone

What is the main economic activity of your company in Puerto Rico?

List the units or establishments of your company whose information is included in your answers to this questionnaire.

	Name or location Name or location	Relationship with your company Relationship with your company	Does it perform R&D activities? Does it perform R&D activities?
Establishment 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Establishment 2	Name or location <input type="text"/>	Relationship with your company <input type="text"/>	Does it perform R&D activities? <input type="text"/>
Establishment 3	Name or location <input type="text"/>	Relationship with your company <input type="text"/>	Does it perform R&D activities? <input type="text"/>

Is your company owned by a parent company?

Yes	No	No answer
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In what year was your company founded? (If the company's headquarters is outside Puerto Rico, in what year was it founded in Puerto Rico?)

Approximately, what was your company's total income (including sales and other sources of income) in Puerto Rico in fiscal year 2014-15? [This information will be used to better understand the relative importance of Research and Development activities in your company].

Did your company engage in exporting from Puerto Rico in fiscal year 2014-15?

Yes	No	No answer
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As of March 12, 2015, how many people were employed by your company?

INFORMATION ABOUT RESEARCH AND DEVELOPMENT (R&D) ACTIVITIES IN YOUR COMPANY

*

According to the definition below, did your company engage in Research and Experimental Development (R&D) in Puerto Rico between July 1st, 2014 and June 30th, 2015 (fiscal year 2014-15)?

Yes	No
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Research and Experimental Development (R&D), for the purposes of this survey, is defined as creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications.

R&D covers both formal R&D and informal or occasional R&D.

The term R&D covers three activities:

- **Basic research:** experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundation of phenomena and observable facts, without any particular application or use in view.
- **Applied research:** original investigation undertaken in order to acquire new knowledge, which differs from basic research in that it is directed primarily towards a specific practical aim or objective.
- **Experimental development:** systematic work, drawing on existing knowledge gained from research and/or practical experience, which is directed to producing new materials, products or devices, to installing new processes, systems and services, or to improving substantially those already produced or installed.

For the purposes of this survey, the term R&D does not cover activities lacking an appreciable element of novelty or routine or activities that do not lead to the resolution of scientific and/or technological uncertainty. (The Supporting Document of this Questionnaire provides further detail as to the inclusion or exclusion of specific activities: Access the supporting document ([DOWNLOAD SUPPORTING DOCUMENT - PDF](http://finanzasfae.uprrp.edu/wp-content/uploads/2016/04/Support-Document-RD-Survey.pdf)) (<http://finanzasfae.uprrp.edu/wp-content/uploads/2016/04/Support-Document-RD-Survey.pdf>))

Submit

Select language:

English

Resources Dedicated to R&D Activities

Select language:

English



The research team for this survey will be available at (787) 764-0000 x87262 and through this email: manuel.lobato@upr.edu (mailto:manuel.lobato@upr.edu), to answer questions related to the questionnaire. We would like to remind you that all information you provide in this form is confidential and is protected under Act 209 of 2003, as amended.

THANK YOU for your cooperation. Your response is very important to the success of this study.

In the following link you can access a supporting document with definitions and examples:

(SUPPORTING DOCUMENT - PDF) (<http://finanzasfae.uprrp.edu/wp-content/uploads/2016/04/Support-Document-RD-Survey.pdf>)

There are 22 questions in this survey.

INFORMATION ABOUT RESEARCH AND DEVELOPMENT (R&D) ACTIVITIES IN YOUR COMPANY

* Company Name

Information on employees dedicated to R&D activities in your business.

Please complete the following tables with information about the **number of people who performed Research and Development activities in your company in Puerto Rico during fiscal year 2014-15**. Include independently contracted external consultants, but do not include personnel employed by consulting firms or other companies that provide R&D services to your company.

[See supporting document for details regarding who to consider as R&D personnel. Download: SUPPORTING DOCUMENT - PDF] (<http://finanzasfae.uprrp.edu/wp-content/uploads/2016/04/Support-Document-RD-Survey.pdf>)

	Total	Women	Men
Researchers (includes scientists, engineers, personnel who manage or coordinate R&D tasks, and research assistants)	Total <input type="text"/>	Women <input type="text"/>	Men <input type="text"/>
Technicians	Total <input type="text"/>	Women <input type="text"/>	Men <input type="text"/>
Office staff and other auxiliary personnel	Total <input type="text"/>	Women <input type="text"/>	Men <input type="text"/>

Time in R&D activities

Researchers	Average number of hours per week dedicated to R&D activities (per person) Average number of hours per week dedicated to R&D activities (per person)	<input type="text"/>
Technicians	Average number of hours per week dedicated to R&D activities (per person)	<input type="text"/>
Office staff and other auxiliary personnel	Average number of hours per week dedicated to R&D activities (per person)	<input type="text"/>

Please complete the following tables with information about the profile of **researchers** who performed **Research and Development activities** in your company in Puerto Rico during **fiscal year 2014-15**.

Full time employees	Number of researchers [Don't include technicians and auxiliary personnel] Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>
Part time employees	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>
External consultant	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>

Researchers' education level

(highest level of education completed)

	Number of researchers [Don't include technicians and auxiliary personnel]	
Bachelor Degree	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>
Master	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>
Ph.D. or similar	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>
Medicine Doctor, Juris Doctor or similar	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>
Other educational level (please specify below)	Number of researchers [Don't include technicians and auxiliary personnel]	<input type="text"/>

Please specify "other educational level":

Please complete the following tables with information about the **number of people who performed Research and Development activities in your company in Puerto Rico during fiscal year 2013-14**. Include independently contracted external consultants, but do not include personnel employed by consulting firms or other companies that provide R&D services to your company.


[See supporting document for details regarding who to consider as R&D personnel. Download: SUPPORTING DOCUMENT - PDF] (<http://finanzasfae.uprrp.edu/wp-content/uploads/2016/04/Support-Documents-RD-Survey.pdf>)

	Total	Women	Men
Researchers (includes scientists, engineers, personnel who manage or coordinate R&D tasks, and research assistants)	Total <input type="text"/>	Women <input type="text"/>	Men <input type="text"/>
Technicians	Total <input type="text"/>	Women <input type="text"/>	Men <input type="text"/>
Office staff and other auxiliary personnel	Total <input type="text"/>	Women <input type="text"/>	Men <input type="text"/>

RESEARCH AND DEVELOPMENT (R&D) EXPENDITURES WITHIN YOUR COMPANY

Please fill in the following table with information about Research and Development (R&D) expenditures within your company in Puerto Rico. [If exact numbers are not available, provide an estimate].

	2013-2014	2014-2015
Remuneration to researchers* (salaries, wages, other compensation, etc.)	2013-2014 <input type="text"/>	2014-2015 <input type="text"/>
Materials purchased and other running costs related to R&D**	2013-2014 <input type="text"/>	2014-2015 <input type="text"/>
Equipment and instruments used for R&D activities	2013-2014 <input type="text"/>	2014-2015 <input type="text"/>
Buildings and properties used for R&D activities	2013-2014 <input type="text"/>	2014-2015 <input type="text"/>
Other R&D expenditures (software, utilities, property and other taxes, etc.)	2013-2014 <input type="text"/>	2014-2015 <input type="text"/>
TOTAL, R&D EXPENDITURES	2013-2014 <input type="text"/>	2014-2015 <input type="text"/>

 * Include fringe benefits of employees engaged in R&D in your company.

** Include contracts for the provision of services necessary to carry out R&D activities. However, exclude the purchase of R&D services, since they will be addressed in a separate question.

Please complete the following table with information about the sources of financing for Research and Development activities performed within your company in 2014-15. [If exact numbers are not available, provide an estimate].

	Amount
Funding provided by your company in Puerto Rico	Amount <input type="text"/>
Funding provided by the parent company or other subsidiaries or affiliates	Amount <input type="text"/>
Funding provided by other companies in Puerto Rico	Amount <input type="text"/>
Funding provided by other companies outside of Puerto Rico	Amount <input type="text"/>
Funding provided by agencies from the Government of Puerto Rico	Amount <input type="text"/>
Funding provided by agencies from the U.S. Federal Government	Amount <input type="text"/>
Funding provided by other entities (universities, municipal governments, etc.)	Amount <input type="text"/>
TOTAL	Amount <input type="text"/>



* Include only those funds specifically granted for R&D activities, or the portion of other contracts destined specifically to R&D activities.

If you received funds from the **Government of Puerto Rico**

From which agency or agencies?

Choose one of the following answers

- Subsidy or donation
- Contract
- No answer

If you received funds from the **US Federal Government**

From which agency or agencies?

Choose one of the following answers

- Subsidy or donation
- Contract
- No answer

If you received funds from **other entities** (universities, municipal governments, etc.)

Name of entity

Do you expect that R&D expenditures of your company in Puerto Rico in **2015-16** will:

Choose one of the following answers

- Increase
- Remain the same
- Decrease
- I don't know
- No answer

What about during the **next three years** (2015-16 to 2017-18)? Expenditures in R&D will:

Choose one of the following answers

- Increase
- Remain the same
- Decrease
- I don't know
- No answer

During 2014-15 **did you purchase Research and Development services** from or fund R&D activities in other organizations (including other companies, universities and other organizations)?

Yes	No	No answer
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The information you provide in this form is confidential and is protected under Act 209 of 2003, as amended. Data provided in this form will be used only for statistical analysis by the Puerto Rico Institute of Statistics and will not be shared with any other public or private entity, but the Puerto Rico Institute of Statistics would like to publish a list with the name of the companies and organizations that report R&D activities in Puerto Rico and the municipality in which they are located. **Do you authorize the Puerto Rico Institute of Statistics to include the name of your company in this list and the municipality in which it is located?**

YES = I authorize the Puerto Rico Institute of Statistics to include the name of my company and the municipality in which it is located **in the list of companies that have Research and Development (R&D) activities in Puerto Rico.** That is the only information provided in this form that will be published.

NO = I do not authorize the Puerto Rico Institute of Statistics to include the name of my company and the municipality in this list.

Yes	No	No answer
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How much time did it take you to complete this questionnaire?

Answer in hours

Comments:

Submit