

21 December 2020

Community Innovation Survey in Enterprises Year 2019. Definitive Results

Main results

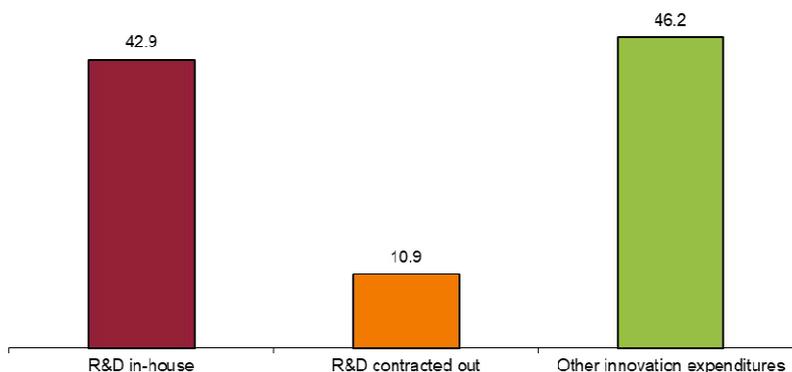
- Expenditure on innovative activities increased by 3.8% in 2019, standing at 19.390 million euros.
- In the 2017-2019 period, 20.8% Spanish companies were innovative.
- In the 2017-2019 period, 10.5% of Spanish companies were product innovators and 18.4% were innovative in their business processes.
- The communities with the highest spending on innovative activities were Comunidad de Madrid (28.8% of the national total), Cataluña (27.1%) and País Vasco (8.8%).

Expenditure in innovative activities reached 19.390 million euros in 2019, with an increase of 3.8% as compared with the previous year. This figure represented 1.1% of the Spanish business turnover.

A total of 42.9% of the expenditure went towards *internal R&D*, 10.9% to *external R&D* and 46.2% to *other innovative activities*¹.

Distribution of spending on innovative activities by type of spending. Year 2019.

Percentage



¹ The other innovative activities, according to the 2018 Oslo Manual, are: Engineering, design and other creative work, Marketing activities and brand equity, Activities related to Intellectual Property, Employee training activities, Development of software and activities related to databases and Acquisition and leasing of tangible assets, so long as they are used in innovation .

A total of 20.8% of enterprises were innovative (product innovation or innovation in their business processes) in the 2017-2019 period, which was 0.8 points more than in the previous period.

Spending on innovative activities by activity

Spending on innovative activities increased 55.0% in *Construction*, 7.4% in *Services*, a 2.3% in *Agriculture* . In turn, it decreased by 0.9% in *Industry*.

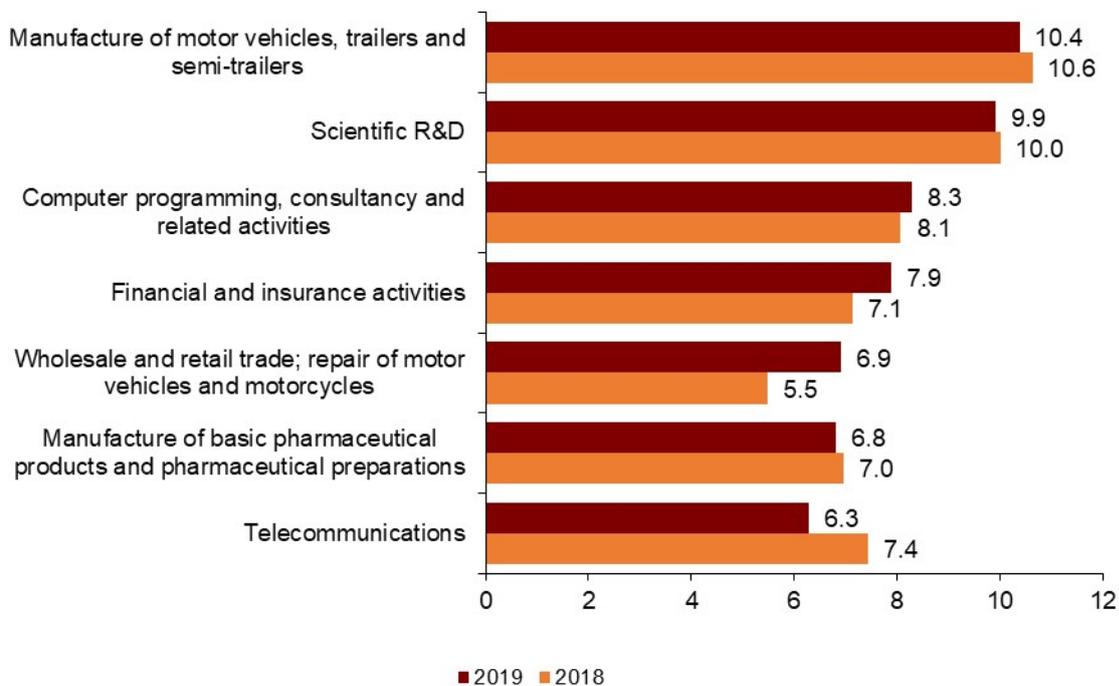
Spending on innovative activities by activity

	2019		2018		Annual Rate
	Thousands of €	%	Thousands of €	%	%
TOTAL	19,389,865	100.0	18,688,949	100.0	3.8
Agriculture, forestry and fishig	193,129	1.0	188,800	1.0	2.3
Industry	9,067,741	46.8	9,153,310	49.0	-0.9
Construction	287,239	1.5	185,261	1.0	55.0
Services	9,841,757	50.8	9,161,578	49.0	7.4

By branch of activity, *Motor Vehicle* enterprises represented the highest percentage of total spending on innovative activities (with 10.4% of the total). This was followed by *R&D Services* (9.9% of the total) and *Programming, consulting and other IT activities* (8.3%).

Distribution of internal R&D expenditure by branch of activity.

Percentage



Spending on innovative activities by Autonomous Communities

The communities with the highest spending on innovative activities were Comunidad de Madrid (28.8% of the national total), Cataluña (27.1%) and País Vasco (8.8%).

In addition, Comunitat Valenciana (2.3 points), Cataluña (1.6 points) and Andalucía (1.4 points) were the autonomous communities that contributed the most to the growth of national spending on innovative activities. In turn, the Comunidad de Madrid had the most negative contribution to national growth (-1.3 points).

Spending on innovative activities by Autonomous Communities where they are carried out

Year 2019

	Total (thousands of €)	%	Annual rate (%)	Contribution to growth
TOTAL	19,389,865	100.0	3.8	3.8
Andalucía	1,227,046	6.3	22.1	1.4
Aragón	545,578	2.8	18.9	0.5
Asturias, Principado de	267,388	1.4	44.6	0.6
Balears, Illes	215,054	1.1	56.9	0.6
Canarias	180,943	0.9	1.9	0.0
Cantabria	106,809	0.6	1.1	0.0
Castilla y León	800,989	4.1	-8.3	-0.3
Castilla-La Mancha	352,440	1.8	0.9	0.0
Cataluña	5,246,846	27.1	5.8	1.6
Comunitat Valenciana	1,514,194	7.8	29.5	2.3
Extremadura	80,173	0.4	12.9	0.1
Galicia	760,256	3.9	-6.1	-0.2
Madrid, Comunidad de	5,589,395	28.8	-4.4	-1.3
Murcia, Región de	356,284	1.8	1.0	0.0
Navarra, Comunidad Foral de	357,115	1.8	-12.5	-0.2
País Vasco	1,713,213	8.8	0.5	0.0
Rioja, La	73,909	0.4	-0.5	0.0

Data of Ceuta and Melilla is not published by statistical secret

Innovative companies in the 2017-2019 period

A total of 20.8% of Spanish companies were innovative (product innovation or innovation in business processes) in the 2017-2019 period, compared to 20.0% in the 2016-2018 period. Of these, 10.5% were product innovators and 18.4% business process innovators.

By size, 49.1% of companies with 250 or more employees were innovative, compared to 20.0% of companies with 10 to 249 employees.

Innovative enterprises. Percentages

	2017-2019	2016-2018
Innovative enterprises*	20.8	20.0
Enterprises with product innovations*	10.5	9.8
Enterprises with business process innovations*	18.4	17.5

*Definitions by OM 2018: <https://icono.fecyt.es/sites/default/files/filepublicaciones/manualoslo2018.pdf>

By activity sectors, the industrial sector (30.8%) had the highest percentage of innovative companies in the 2017-2019 period, while construction (12.8%) had the least.

Innovative companies by branches of activity. Period 2017-2019 Percentage

	Innovative enterprises*	Enterprises with product innovations*	Enterprises with business process
	%	%	%
TOTAL	20.8	10.5	18.4
Agriculture, forestry and fishing	16.4	6.2	15.4
Industry	30.8	18.9	27.0
Construction	12.8	4.8	11.9
Services	19.2	9.1	17.0

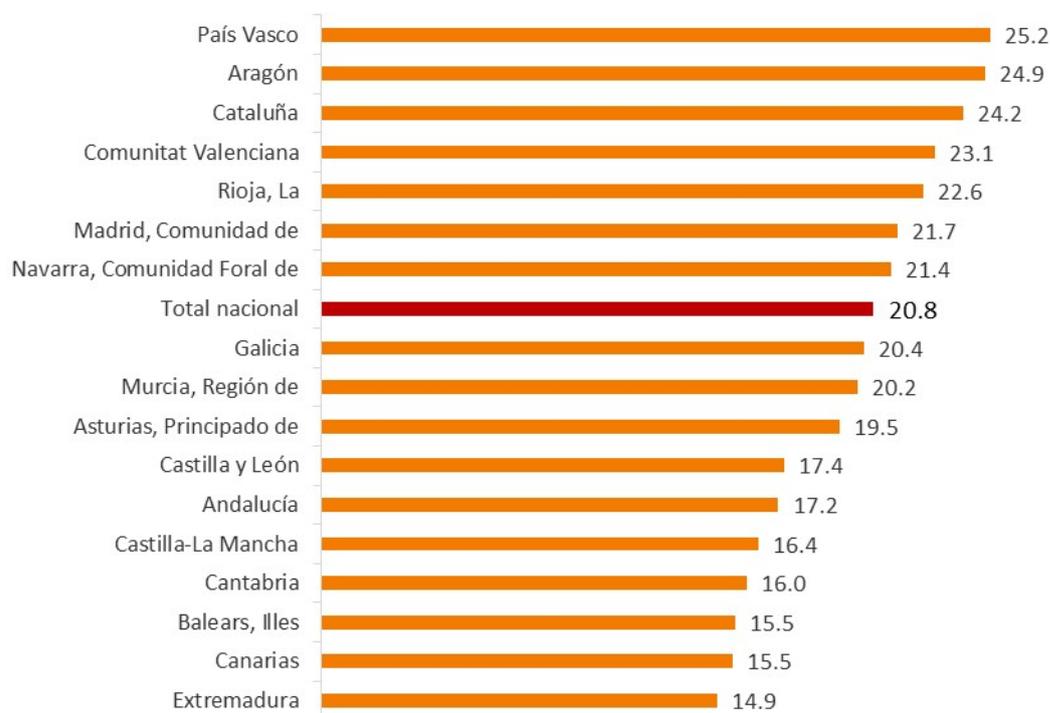
*Definitions by OM 2018: <https://icono.fecyt.es/sites/default/files/filepublicaciones/manualoslo2018.pdf>

Innovative companies in the 2017-2019 period, by Autonomous Communities

The autonomous communities with the highest percentage of innovative companies in the 2017-2019 period were País Vasco (25.2% of its companies were innovative), Aragón (24.9%) and Cataluña (24.2%).

Innovative enterprises by Autonomous Communities and Cities. Period 2017-2019

Percentage of the population of companies with 10 or more employees in each autonomous community



Data of Ceuta and Melilla is not published by statistical secret

Data Review and Update

The data published today is final and is not subject to further revision. All results are available on INEBase.

Methodological note

The main objective of the **Business Innovation Survey** is to provide direct information on the innovation process in companies, elaborating indicators that allow us to ascertain the different aspects of this process (economic impact, innovative activities, cost...). As well as providing rich and varied information on the technological innovation process, this study may serve as the base framework for diverse specific studies on other aspects related to science and technology (for example, use of cutting-edge technology in manufacture, technological payments and incomes, studies about patents, etc.).

There is a break in the series in the Innovation Survey corresponding to the year 2018, due to the methodological change in the new version of the Oslo Manual. For this reason, the data are not comparable with those published for previous years.

Type of survey: annual continuous survey.

Population scope: agricultural, industrial, construction and service companies with 10 or more employees, whose main economic activity corresponds to sections A to N, P (except branch 854), Q, R, and S (except branch 94) of the CNAE-2009

Geographical scope: the entire national territory.

Reference period: in general, the year immediately prior to survey execution; however, in order to facilitate international comparability, variables related to the innovations implemented by the company refer to the three-year period prior to survey execution.

Sample size: more than 40,000 companies.

Collection method: mixed system that includes the collection via Internet (CAWI) and by mail, combined with telephone support on the part of interviewers.

For more information you can access the methodology and the standardized methodological report at:

http://www.ine.es/dyngs/INEbase/es/operacion.htm?c=Estadistica_C&cid=1254736176755&menu=metodologia&idp=1254735576669

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Press office: Telephone numbers: (+34) 91 583 93 63 /94 08 – gprensa@ine.es

Information Area: Telephone number: (+34) 91 583 91 00 – www.ine.es/infoine/?L=1
