

STATISTICS ON SCIENTIFIC RESEARCH AND TECHNOLOGICAL DEVELOPMENT ACTIVITIES - R&D - 2017

Expenditure on R&D in the Basque Country grew by 5.6% in 2017, the largest increase since 2010

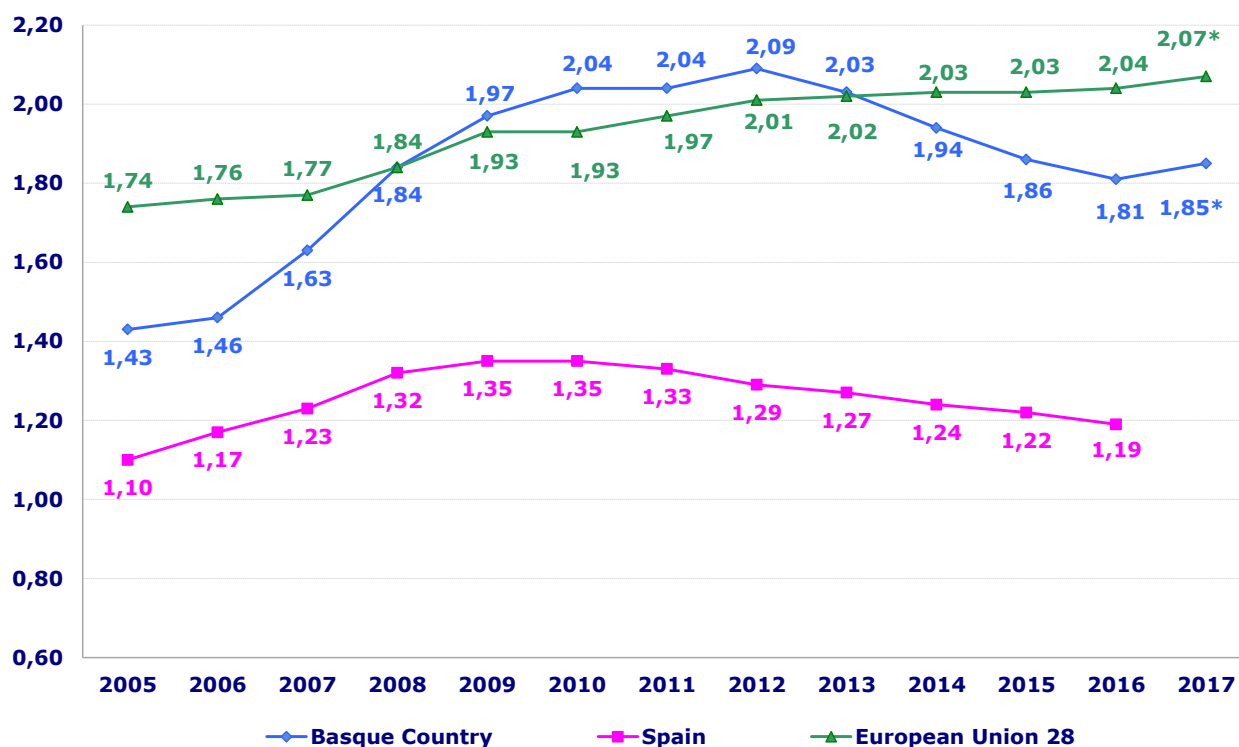
The number of research staff in full-time employment was 12,608, and has grown by 30.8% since 2008

In 2017 1,363.2 million euros were invested in Technological Development and Scientific Research (R&D) in the Basque Country, 5.6% up on the previous year, according to data provided by Eustat. This increase made this the second consecutive year of positive growth, after three years of decreases in expenditure.

There were 18,577 people in Full-Time Equivalent Jobs amongst employed people in 2017, with an increase of 3.8% compared to the previous year. The number of research staff in Full-Time Equivalent Jobs (12,608) also increased by 5.8%, and notably by 30.8% since 2008, almost 3,000 more researchers.

In relation to GDP, expenditure on R&D in the Basque Country stood at 1.85% of GDP in 2017, after falling by 4 hundredths of a percentage point compared to the previous year. Compared to the provisional data for the EU-28, the Basque Country was below the European average of 2.07%, although the gap between them fell by one hundredth. The latest available data from Spain is from 2016, which situated its R&D expenditure above its GDP by 1.19%.

Evolution of expenditure on R&D in relation to GDP (%)



*provisional data

Source: Eurostat and Eustat. Statistics on scientific research and technological development activities - R&D

75.1% of expenditure on R&D in the Basque Country was implemented by the business sector

In terms of **who carried out expenditure on R&D**, the majority, 75.1% (1,023.2 million euros) was implemented by companies, whereas 17.4% (237.1 million) corresponded to Higher Education and the remaining 7.5% (102.9 million) was carried out by various bodies dependent on the Administration. These figures, compared to the previous year, indicate that there were increases of 5.2%, 11.8% and 4.9% in expenditure respectively in the three sectors of Businesses, Public Administration and Higher Education. This meant that the Public Administration gained the proportion (four percentage points) lost by both the Business (3 tenths) and Higher Education (1 tenth) sectors.

Expenditure on R+D of the A.C. of the Basque Country by sector according to origin of funds (thousand euro) . 2017

	Total	Public Administration	Higher education teaching	Companies	Private non profit making institutions	Coming from abroad
Total	1.363.176	457.376	40.777	745.946	4.652	114.424
Companies	1.023.215	198.107	398	729.182	1358	94.170
Public Administration	102.903	92.990	126	4.464	1.452	3.870
Higher education teaching	237.058	166.279	40.253	12.300	1.842	16.384

Source: Eustat. Statistics on scientific research and technological development activities - R&D

From the point of view of **those who finance R&D**, the percentages of the previous year stayed largely the same. Private funding through companies, which spent 745.9 million euros on research, 3.7% more than in 2016 and 54.7% of total funding, remained the primary source of funding.

Public funding, with 457.4 million and an increase of 5.8% in the amount contributed, representing 33.6% of the total. Higher education, at 40.8 million, accounted for 3.0% of the funds, whereas 114.4 million, or 8.4%, came from abroad. Finally, 4.7 million, or 0.3%, came from various non-profit institutions.

Change in expenditure and personnel (EDP) in the Basque Country. 2008-2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Expenditure R&D										
Total (Millions of euros)	1.263,9	1.280,9	1.360,3	1.366,2	1.372,9	1.316,8	1.289,8	1.273,2	1.290,9	1.363,2
Annual increase (%)	15,9	1,3	6,2	0,4	0,5	-4,1	-2,1	-1,3	1,4	5,6
Personnel (E.D.P.)*										
Total	15.373	16.690	17.532	17.879	18.682	18.280	18.535	18.217	17.898	18.577
Annual increase	6,5	8,6	5,0	2,0	4,5	-2,2	0,4	-1,7	-1,8	3,8
Research personnel (E.D.P.)*										
Total	9.640	10.386	11.071	11.283	11.772	11.959	12.030	12.089	11.916	12.608
Annual increase	4,6	7,7	6,6	1,9	4,3	1,6	0,6	0,5	-1,4	5,8

*E.D.P.: Full-time Equivalent

Source: Eustat. Statistics on scientific research and technological development activities-R&D

The **number of individuals employed** full time was 18,577, which, when broken down by implementation sector, corresponds to 13,154 people in Businesses (70.8% of the total), 4,140 in Higher Education (22.3%) and 1,283 in Public Administration (6.9%).

35.8% of R&D staff were women in 2017, two tenths more than in 2016

35.8% of full-time staff in R&D were women, representing an increase of two tenths in the proportion of the sector. The highest percentages were still in Public Administration and in Higher Education, with 54.6% and 50.4% respectively, whilst in Businesses women represented 29.4% of the total. In total, 6,657 women were in Full-Time Equivalent Jobs, 4.4% more than the previous year.

Expenditure on R&D by implementation sector. (%)

	2012	2013	2014	2015	2016	2017
Companies and IPSLF	75,8	75,4	75,1	74,7	75,4	75,1
Public Administration	6,3	6,4	6,5	6,9	7,1	7,5
Higher Education	17,9	18,2	18,4	18,4	17,5	17,4

Source: Eustat. Statistics on scientific research and technological development activities-R&D

Comparing this to the situation of the previous year, participation percentages of sectors in the total expenditure in R&D, with regards to the execution of the expenditure, were quite similar in terms of large numbers, although there are some differences. For example, the Businesses Sector and Private Non-Profit Institutions in the Basque Country, the sector making the greatest effort in research tasks, fell by three tenths in its percentage of participation, down to 75.1%. Public Administration gained four tenths and is now situated at 7.5% and, finally, Higher Education lost a tenth, situating it at 17.4%.

For further information:

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