

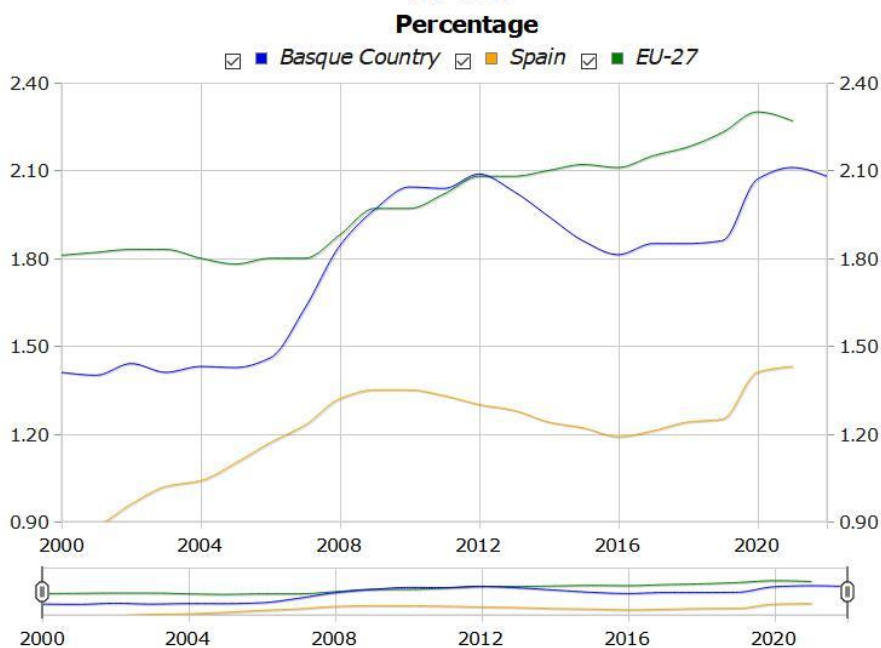
## Expenditure on R&D in the Basque Country once again exceeded the historic maximum, increasing by 9% and reaching 1,795 million euros in 2022

***The Basque Autonomous Administration funded 26.6% of R&D undertaken in the Basque Country and 77% of expenditure on internal R&D was carried out by the corporate sector***

Expenditure on internal R&D (Research and Technological Development) in 2022 reached a total of 1,795 million euros in the Basque Country, a record figure in R&D expenditure according to Eustat data. This figure was reached following an increase of 9% and represents expenditure of 148 million more than in the previous year. Expenditure on R&D activities as a share of GDP represented 2.08% in 2022.

Internal R&D provided employment for 21,746 people in Full-Time Equivalent Jobs in 2022, following a rise of 4.5% in respect of the previous year. Likewise, the number of research staff, 15,230 people in Full-Time Equivalent Jobs, also increased by 6.0%. As was the case with expenditure, both figures (people in Full-Time Equivalent Jobs and research staff) constituted record figures.

### Evolution of the expenditure on internat R&D in relation to GDP



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

At the provincial level, in 2022, 45.6% of total expenditure on internal R&D in the Basque Country was carried out in Bizkaia, 43.3% in Gipuzkoa and 11.1% in Álava. In relation to the GDP of each province, it should be pointed out that this expenditure represented 2.75% of GDP in Gipuzkoa, 1.83% in Bizkaia and 1.49% in Álava.

### **77.1% of expenditure on internal R&D in the Basque Country was implemented by the corporate sector**

In terms of **the sector that carried out the internal R&D expenditure**, the majority, 77.1% (1,384.5 million euros), was implemented by Companies, whereas 16.4% (294.3 million) corresponded to Higher Education and the remaining 6.5% (115.9 million) was carried out by various Bodies dependent on the Administration. In relation to 2021, Companies increased their R&D expenditure by 8.6%, Bodies dependent on the Administration by 10.7% and Higher Education by 10.2%.

## **Expenditure on R+D by sector according to origin of funds (thousand euro). 2022**

	Total	Administration	Higher education teaching	Enterprises	PIWLE	Foreign
<b>Total</b>	<b>1.794.704</b>	<b>608.467</b>	<b>30.491</b>	<b>1.003.627</b>	<b>7.949</b>	<b>144.170</b>
Companies and IPSLF	1.384.508	288.496	231	979.773	512	115.496
Public Administration	115.876	103.707	135	4.892	3.134	4.007
Higher Education Sector	294.320	216.264	30.125	18.962	4.302	24.667

I.P.S.F.L.=Instituciones p.s.f.l = Private Institutions without Lucrative Ends

Date November 17, 2023

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

In terms of **funding internal R&D expenditure**, Companies spent 1,004 million euros on research, 7.6% more than in 2021. This figure accounts for 55.9% of total funding, although their share of total funding was down 0.8 percentage points in respect of the previous year. Even so, companies remained the primary source of funding. Public funding contributed 608 million, following an increase of 12.4% compared to the previous year, and represented 33.9% of total expenditure on internal R&D, which increased its share by 1.0 percentage point.

The remaining funding sources corresponded to the Higher Education sector, 30.5 million; Private Non-Profit Institutions, 7.9 million; and Overseas, 144.2 million. These contributions led to variations in respect of the previous year's figures of -10.8%, 6.6% and 10.1%, respectively.

As regards the origin of **public funding**, the contribution from the Autonomous Administration predominated (476.7 million), up 10.0% on the previous year, representing 78.3% of total funding by the public administration in 2022 and 26.6% of total R&D carried out in the Basque Country.

For its part, the Central Administration (104.7 million) increased its funding by 19.9% in 2022, bringing its share to 17.2% of total funding by the Public Administrations. Finally, the provincial and local administrations' share (27.1 million) stood at 4.5%, their contribution also increasing in relation to the previous year, up 31.8%.

There were 21,746 **people in full-time employment**, who corresponded to the following implementation sectors: 15,422 people were employed in Companies (70.9% of the total), 4,979 in Higher Education (22.9%) and 1,345 in Public Administration (6.2%). As regards their professional category, the number of research staff rose to 15,230 people, following growth of 6.0%; technical staff accounted for 4,817 people, following a decrease of 3.1%; and, lastly, there were 1,699 people employed as auxiliary staff, 15.9% more than the year before.

### **36.9% of R&D personnel were women in 2022**

In 2022, 36.9% of all R&D personnel in full-time employment were women. There was a total of 8,033 women working in R&D, following an increase of 6.6% in relation to 2021. Their weight in the total number of personnel rose by seven tenths of a point and, from a longer-term perspective, their weight increased by 3.5 percentage points in relation to 2010 and as much as 10.3 points compared to 2000.

Considering the sector implementing R&D, it can be observed that there were higher numbers of women in the Corporate and Higher Education sectors: 4,765 and 2,515 women, respectively, compared to 752 women in the Public Administration sector. However, in relative terms, in the Public Administration women represented 55.9% of all staff, compared to 50.5% in Higher Education and 30.9% in the Corporate sector.

## **Evolution of R+D and personnel expenditure (FTE) in the Basque Country. 2010-2022**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditure on R&amp;D</b>													
Total (million euro)	1.360,3	1.366,2	1.372,9	1.316,8	1.289,8	1.273,2	1.290,9	1.363,2	1.423,4	1.481,4	1.490,0	1.646,9	1.794,7
Annual increase (%)	6,2	0,4	0,5	-4,1	-2,1	-1,3	1,4	5,6	4,4	4,1	0,6	10,5	9,0
In relation to GDP (%)	2,04	2,04	2,09	2,03	1,94	1,86	1,81	1,85	1,85	1,86	2,07	2,11	2,08(p)
<b>Personnel (F.T.E.)</b>													
Total	17.532	17.879	18.682	18.280	18.535	18.217	17.898	18.577	19.274	19.619	19.511	20.804	21.746
Annual increase	5,0	2,0	4,5	-2,2	1,4	-1,7	-1,8	3,8	3,8	1,8	-0,5	6,6	4,5
On full-time equivalent jobs (‰)	18,8	19,3	20,9	21,1	21,3	20,3	19,5	19,8	20,1	20,1	21,3	22,1	22,5(p)
<b>Research personnel (FTE)</b>													
Total	11.071	11.283	11.772	11.959	12.030	12.089	11.916	12.608	13.165	13.520	13.629	14.367	15.230
Annual increase	6,6	1,9	4,3	1,6	0,6	0,5	-1,4	5,8	4,4	2,7	0,8	5,4	6,0
On full-time equivalent jobs (‰)	11,9	12,2	13,2	13,8	13,8	13,4	13,0	13,4	13,7	13,9	14,9	15,3	15,8(p)

(p)Provisional data

F.T.E.= full time equivalent

Date November 17, 2023

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

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