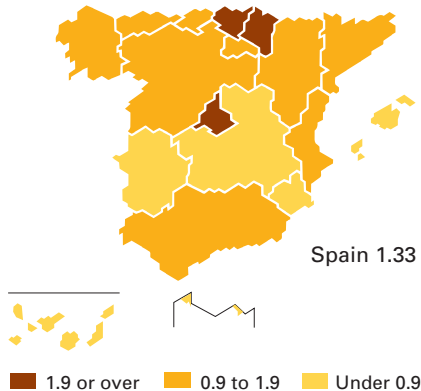


Technology



Internal R&D expenditure. 2011 % of regional GDP

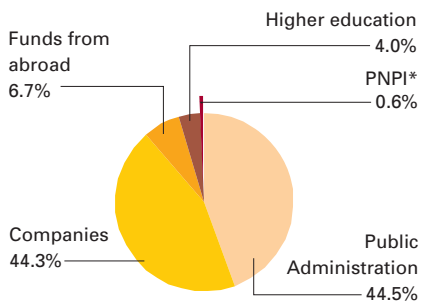


Total internal expenditure on R&D activities. 2011

Field of operation	Millions of euros	%	Internal R&D expenditure (% of GDP)	Interannual variation %
Total	14,184.3	100.0	1.33	-2.8
Companies and PNPI*	7,419.9	52.3	0.70	-1.5
Higher education	4,002.0	28.2	0.38	-2.9
Public Administration	2,762.4	19.5	0.26	-5.7

* Private Non-Profit Institutions.

Origin of financing for R&D 2011



* Private Non-Profit Institutions

Expenditure on R&D and innovation decreases

According to data from the Statistics on R&D Activities, internal expenditure on research and development in 2011 reached 14,184.3 million euros, 2.8% less than in 2010.

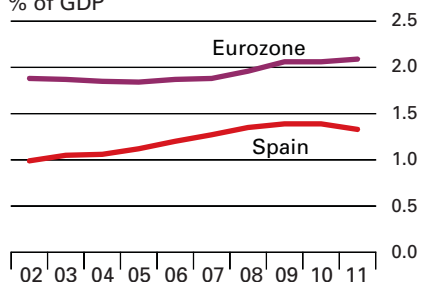
In relative terms, this expenditure represented 1.33% of Gross Domestic Product. País Vasco made the greatest effort in these activities, with 2.10% of regional GDP.

In turn, expenditure on technological innovation in 2011 decreased 8.8%, reaching 14,756 million euros, as reflected by the Technological Innovation in Companies Survey.

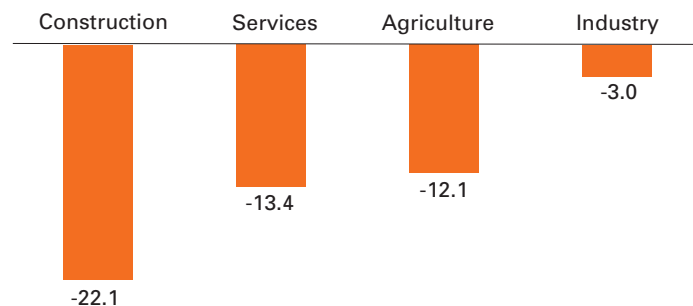
31.1% of Spanish companies with 10 or over wage earners were innovative during the 2009-2011 period.

Internal R&D expenditure % of GDP

34

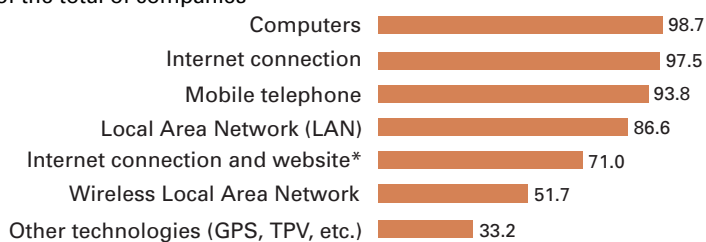


Interannual variation of expenditure on technological innovation, according to the activity sector of the companies. 2011 (%)



Use of different Information and Communications Technologies (ICT) in companies. January 2011

% of the total of companies



* % of the total companies with an Internet connection.

New technologies for working better

In January 2012, a total of 97.5% of Spanish companies with 10 or over employees had an Internet connection, and practically all of them used computers (98.7%).

85.1% of companies interacted with the Public Administrations online in 2011, and 17.4% of companies used social networks for business reasons.



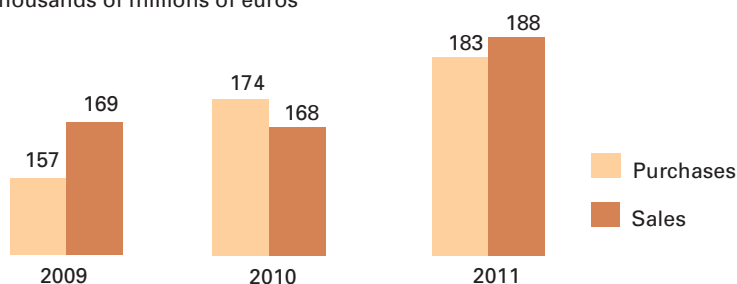
In 2011, Spanish company sales via e-commerce exceeded purchases

Greater volume of sales than of purchases

22.5% of companies carried out e-commerce purchases in 2011, and 14.2% carried out e-commerce sales. Such online purchases accounted for 19.1% of total purchases, while online sales accounted for 13.7% of total sales

Volume of purchases and sales made via electronic commerce by companies

Thousands of millions of euros



Companies using the Internet for banking and financial services. 2010

% of companies*

Estonia	94
Slovenia	93
Lithuania	93
Netherlands	91
Slovakia	90
Austria	88
Spain	87
Italy	87
Czech Republic	87
Ireland	85
Poland	85
Eurozone	84
Luxembourg	82
EU-27	82
Malta	81
Hungary	79
France	78
Portugal	77
Greece	70
Cyprus	63
Bulgaria	58
Romania	58

* With 10 or over employees, excluding the financial sector.

Source: Eurostat