

DMi article

“The most innovative region in the EU is Helsinki - Uusimaa (FI1B) in Finland”



Innovation in Europe by “Regions”

These recommendations have many points of coincidence with the detailed analysis of the indicators and the establishment of root causes, which we already published in previous years and qualify as barriers to innovation in Spain.

RIS 2019

The Regional Innovation Scoreboard (RIS) is a regional extension of the EIS, European Innovation Scoreboard, which assesses the performance of innovation in the EU regions.

It is done with a limited number of indicators. The RIS 2019 covers 238 regions in 23 EU countries, Norway, Serbia and Switzerland. In addition, Cyprus, Estonia, Latvia, Luxembourg and Malta are included at the country level.

It is a comparative evaluation of regional innovation based on the EIS, using 18 of the 27 indicators of the latter.



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LEADERSHIP t h r o u g h **INTEGRATION**



A trend in innovation is grouping into territories and clusters.

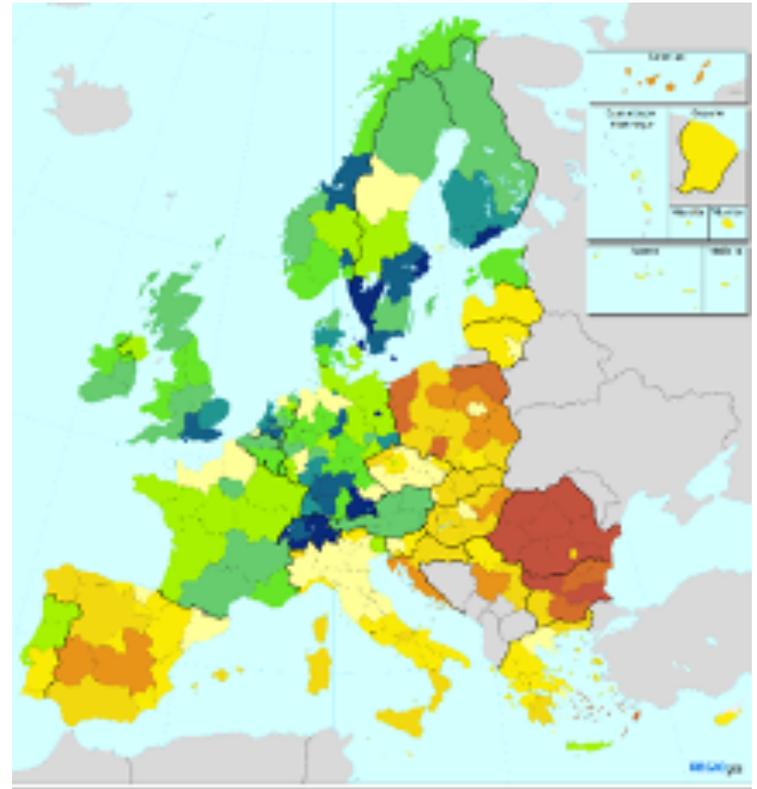
The new scoreboard confirms that the most innovative regions in Europe are in the most innovative countries. The most innovative region in the EU is Helsinki-Uusimaa, Finland, followed by Stockholm, Sweden and Hovedstaden, Denmark.

Extending the EU framework, the most innovative region is Zürich in Switzerland. There are also some innovative regional centres in countries “moderate innovators”: Prague in the Czech Republic, Crete in Greece and Friuli-Venezia Giulia in Italy.

[<<See interactive tool>>](#)

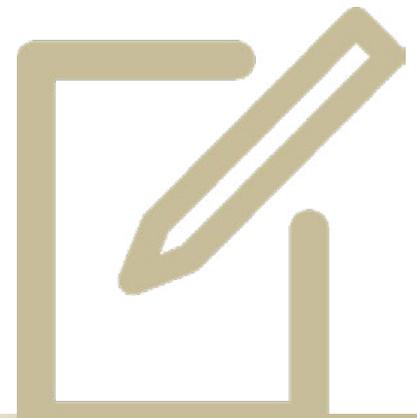
Regional groups based on the results.

Following the example of the European scoreboard,



which classifies countries into four groups according to their innovation results, the regions of Europe are classified into:

- Innovation Leaders. The group includes 38 regions whose index exceeds 20% of the EU average.
- Strong innovators. It includes 73 regions with an index between 90 and 120% of the EU average



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Average scores for each group in relation to the EU average (= 100). Scores calculated excluding countries for which there are no regions (Cyprus, Estonia, Latvia, Luxembourg and Malta).

Regions rated as moderate and modest innovators obtain values below the EU in general, except in innovation expenses not related to R&D, which reflects the fact that these countries innovate buying machinery, advanced equipment and knowledge, developed in other places, rather than investing in their own R&D activities.

All regional innovation leaders belong to countries identified as innovation leaders or strong innovators in the EIS 2019 and belong to 10 countries.

All 'Regional Modest Innovators' belong to the 'Moderate or Modest Innovators' countries. However, there are some areas of excellence in some moderate innovative countries:

- Prague (Prague) in the Czech Republic,
- Kriti (Crete) in Greece
- Friuli-Venice, Giulia in Italy.

The following table shows the regional dispersion by groups within each country, ordered according to the EIS 2019 indices.



Ranking of regions

In the following table we see the first 25 European regions in innovation, their innovation index and the state in which they belong.

The most innovative region in the EU is Helsinki-Uusimaa (FI1B) in Finland, followed by Stockholm

(SE11) in Sweden and Hovedstaden (DK01) in Denmark.

The most innovative region in total Europe in 2019 is Zurich (CH04).

Of the top 10 regions, five are in Switzerland and five in the EU.

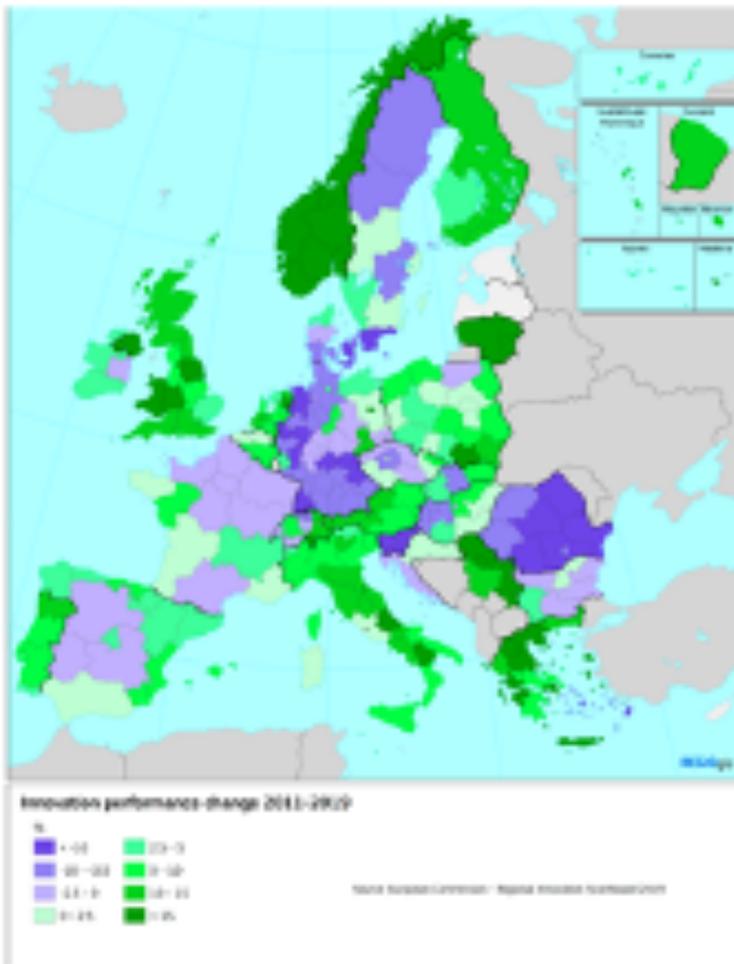
		"2019" - score relative to EU 2011	"2019" - score relative to EU 2019	Performance group	Incr. 2019 2011
CH04	Zürich	167,6	160,1	Leader +	-8,1%
CH07	Ticino	164,2	156,8	Leader +	6,9%
FI1B	Helsinki-Uusimaa	163,4	156,0	Leader +	3,6%
SE11	Stockholm	161,1	153,8	Leader +	-4,4%
DK01	Hovedstaden	158,1	151,0	Leader +	-8,1%
CH05	Ostschweiz	157,3	150,2	Leader +	4,9%
CH03	Nordwestschweiz	156,6	149,6	Leader +	-9,7%
CH06	Zentralschweiz	152,9	146,1	Leader +	-6,6%
DE30	Berlin	152,3	145,4	Leader +	6,5%
CH01	Région lémanique	147,3	140,7	Leader +	-4,8%
DE21	Oberbayern	147,1	140,4	Leader +	-8,6%
SE23	Västsverige	145,4	138,8	Leader +	-2,6%
SE22	Sydsverige	143,4	137,0	Leader	-12,0%
DE12	Karlsruhe	143,3	136,9	Leader	-10,1%
NO06	Trøndelag	143,2	136,8	Leader	9,4%
NO01	Oslo og Akershus	141,9	135,6	Leader	8,5%
CH02	Espace Mittelland	141,2	134,8	Leader	-0,3%
NL31	Utrecht	141,2	134,8	Leader	6,3%
DE14	Tübingen	139,1	132,9	Leader	-10,4%
SE12	Östra Mellansverige	138,1	131,9	Leader	-9,5%
DE91	Braunschweig	137,0	130,8	Leader	2,7%
UKJ	South East	136,0	129,9	Leader	6,4%
DE11	Stuttgart	135,6	129,5	Leader	-9,5%
NL41	Noord-Brabant	135,2	129,1	Leader	0,3%
DE25	Mittelfranken	133,5	127,5	Leader	-8,1%
EU28	EU28	104,7	100,0	--	4,7%



Growth from 2011 to 2019

The following map shows the performance changes over time using colour codes. The innovation index has increased in all green regions, with darker shades of green showing higher degrees of increase.

Figure 6: innovation performance change 2011-2019

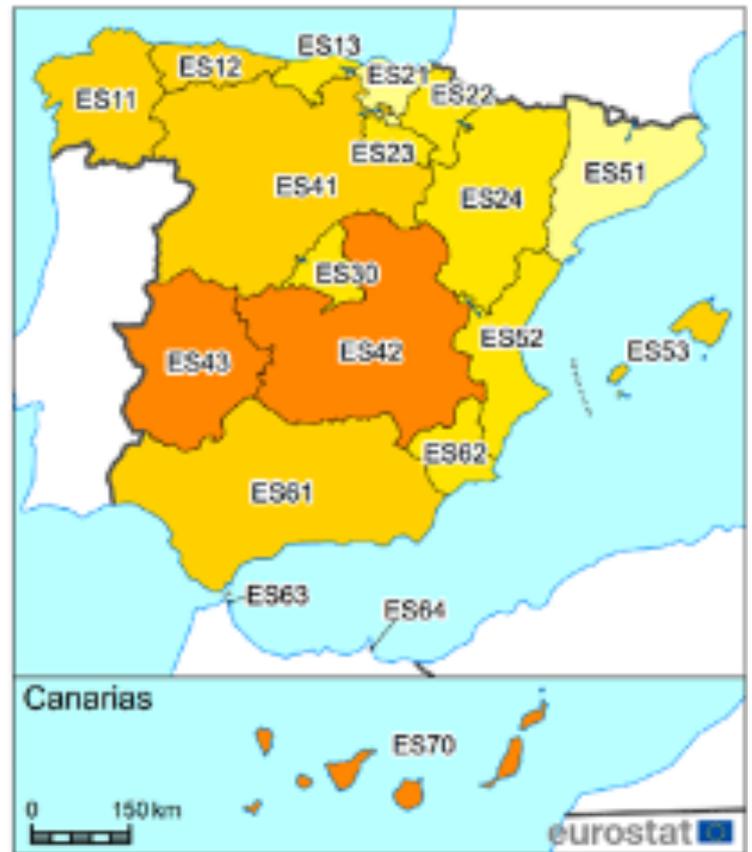


Innovation index has declined in all purple regions, with darker shades of purple showing higher levels of decline.

Index increased very strongly by more than 15% in 31 regions and has increased strongly between 5% and 10% for other 31 regions.

In 29 regions, performance has declined between -10% and -5%, and for 18 regions, performance has declined strongly by more than 10%.

Differences in the innovation index within the states. Case of Spain:



Spain is a “moderate innovator” and includes 19 european regions, which coincide with the autonomous communities. (We have included 17,

