

Regional Innovation Scoreboard 2021

Galicia (ES11)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	48.7	0.794	107	138
Lifelong learning	10.8	0.402	102	100
International scientific co-publications	1,176	0.556	103	99
Most-cited scientific publications	9.3	0.507	105	93
Above average digital skills	34.8	0.613	96	116
R&D expenditures public sector	0.47	0.311	87	64
R&D expenditures business sector	0.47	0.169	67	32
Non-R&D innovation expenditures	±	0.333	±	±
Innovation expenditures per person employed	±	0.420	±	±
Employed ICT specialists	3.0	0.363	80	73
Product innovators	±	0.243	±	±
Business process innovators	±	0.212	±	±
Innovative SMEs collaborating	±	0.408	±	±
Public-private co-publications	150.6	0.436	103	88
PCT patent applications	0.91	0.320	84	52
Trademark applications	5.28	0.388	70	85
Design applications	0.87	0.268	58	47
Employment knowledge-intensive activities	12.3	0.435	91	73
Employment innovative enterprises	±	0.232	±	±
Sales of innovative products	±	0.637	±	±
Air emissions by fine particulates	9.1	0.715	108	146
Average score	--	0.417	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.424	--	--
RII 2021 (same year)	--	--	93.2	78.9
RII 2021 (cf. to EU 2014)	--	--	--	90.7
Regional Innovation Index 2014	--	0.349	--	--
RII 2014 (same year)	--	--	90.9	74.7
RII - change between 2014 and 2021	--	16.0	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

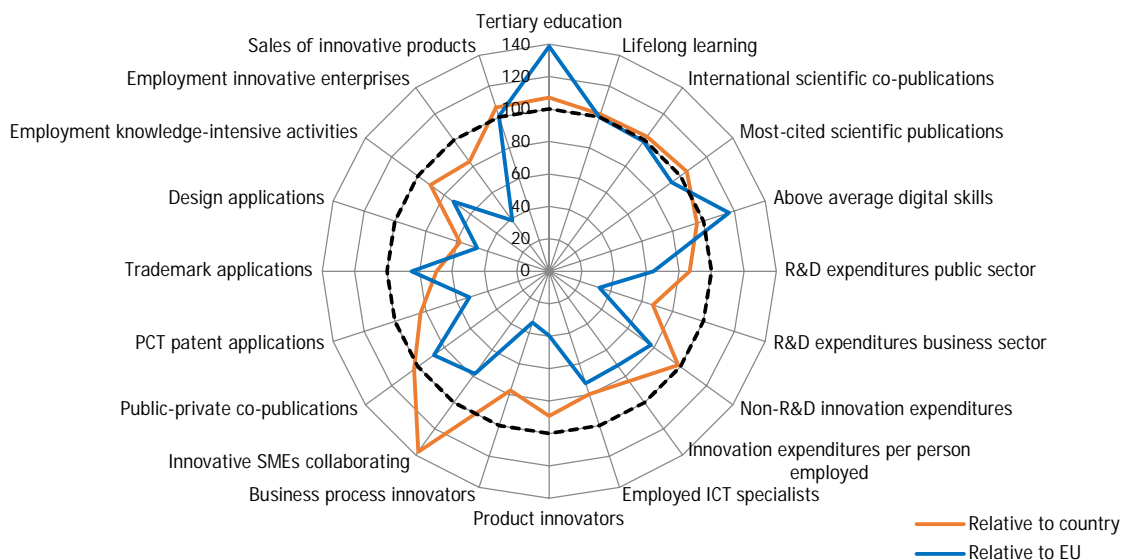
Galicia (ES11) is a Moderate Innovator -. Innovation performance has increased over time (16%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Average employed persons per enterprise (below average).

	ES11	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	6.7	4.2	4.6
Manufacturing (C)	14.9	12.6	16.4
Utilities & Construction (D-F)	7.5	7.6	8.2
Services (G-N)	64.2	68.5	62.9
Public administration (O-U)	6.7	7.0	7.1
Average number of employed persons per enterprise	3.5	4.0	5.2
GDP per capita (PPS)	25,600	28,400	31,200
GDP per capita growth (PPS)	3.28	3.14	3.21
Population density	92	94	109
Urbanisation	74.3	86.6	75.3
Population size (000s)	2,700	47,330	446,450



Regional Innovation Scoreboard 2021

Principado de Asturias (ES12)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	51.9	0.870	117	152
Lifelong learning	8.7	0.324	82	81
International scientific co-publications	1,250	0.573	106	102
Most-cited scientific publications	7.7	0.410	85	75
Above average digital skills	36.0	0.640	100	121
R&D expenditures public sector	0.32	0.207	58	43
R&D expenditures business sector	0.48	0.172	69	33
Non-R&D innovation expenditures	±	0.279	±	±
Innovation expenditures per person employed	±	0.455	±	±
Employed ICT specialists	4.0	0.518	114	104
Product innovators	±	0.223	±	±
Business process innovators	±	0.163	±	±
Innovative SMEs collaborating	±	0.352	±	±
Public-private co-publications	168.8	0.462	109	93
PCT patent applications	1.23	0.372	97	60
Trademark applications	2.20	0.160	29	35
Design applications	0.95	0.280	60	49
Employment knowledge-intensive activities	10.7	0.354	74	59
Employment innovative enterprises	±	0.259	±	±
Sales of innovative products	±	0.570	±	±
Air emissions by fine particulates	12.8	0.535	81	109
Average score	--	0.389	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.396	--	--
RII 2021 (same year)	--	--	87.0	73.7
RII 2021 (cf. to EU 2014)	--	--	--	84.6
Regional Innovation Index 2014	--	0.354	--	--
RII 2014 (same year)	--	--	92.2	75.7
RII - change between 2014 and 2021	--	8.9	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

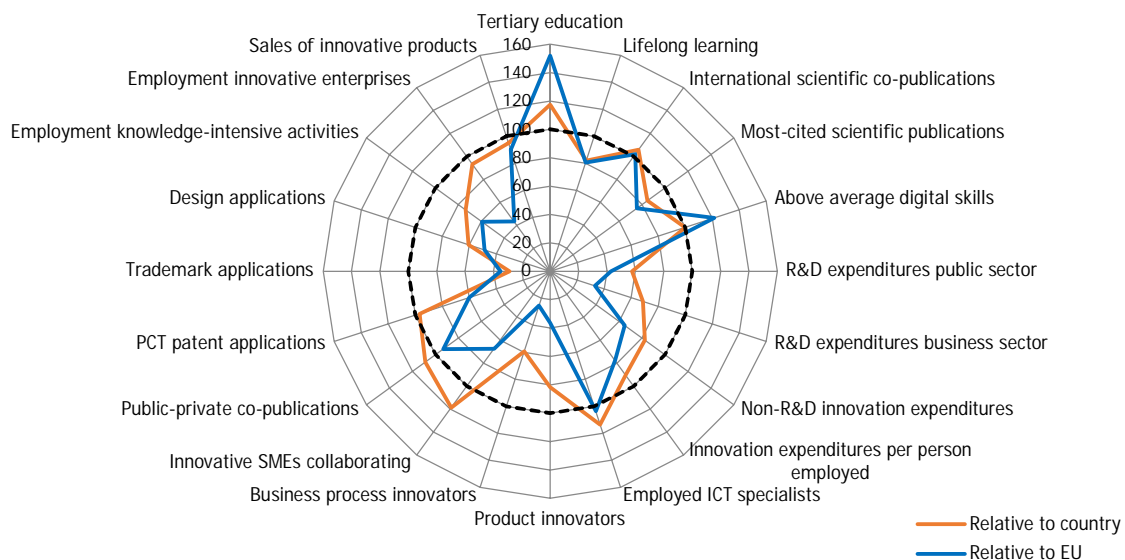
Principado de Asturias (ES12) is a Moderate Innovator -. Innovation performance has increased over time (8.9%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. Business process innovators).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Average employed persons per enterprise (below average).

	ES12	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	4.6	4.2	4.6
Manufacturing (C)	12.1	12.6	16.4
Utilities & Construction (D-F)	7.2	7.6	8.2
Services (G-N)	69.3	68.5	62.9
Public administration (O-U)	6.8	7.0	7.1
Average number of employed persons per enterprise	3.3	4.0	5.2
GDP per capita (PPS)	25,000	28,400	31,200
GDP per capita growth (PPS)	3.13	3.14	3.21
Population density	97	94	109
Urbanisation	85.0	86.6	75.3
Population size (000s)	1,020	47,330	446,450



Regional Innovation Scoreboard 2021

Cantabria (ES13)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	51.8	0.868	117	151
Lifelong learning	11.3	0.421	107	105
International scientific co-publications	1,492	0.626	115	111
Most-cited scientific publications	9.9	0.542	112	100
Above average digital skills	36.0	0.640	100	121
R&D expenditures public sector	0.50	0.332	92	69
R&D expenditures business sector	0.34	0.122	49	23
Non-R&D innovation expenditures	±	0.311	±	±
Innovation expenditures per person employed	±	0.397	±	±
Employed ICT specialists	1.7	0.190	42	38
Product innovators	±	0.237	±	±
Business process innovators	±	0.172	±	±
Innovative SMEs collaborating	±	0.273	±	±
Public-private co-publications	211.2	0.516	122	104
PCT patent applications	1.27	0.377	98	61
Trademark applications	5.55	0.407	73	89
Design applications	0.40	0.182	39	32
Employment knowledge-intensive activities	9.8	0.309	64	52
Employment innovative enterprises	±	0.246	±	±
Sales of innovative products	±	0.434	±	±
Air emissions by fine particulates	12.3	0.559	85	114
Average score	--	0.389	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.395	--	--
RII 2021 (same year)	--	--	86.8	73.5
RII 2021 (cf. to EU 2014)	--	--	--	84.4
Regional Innovation Index 2014	--	0.351	--	--
RII 2014 (same year)	--	--	91.2	74.9
RII - change between 2014 and 2021	--	9.5	--	--

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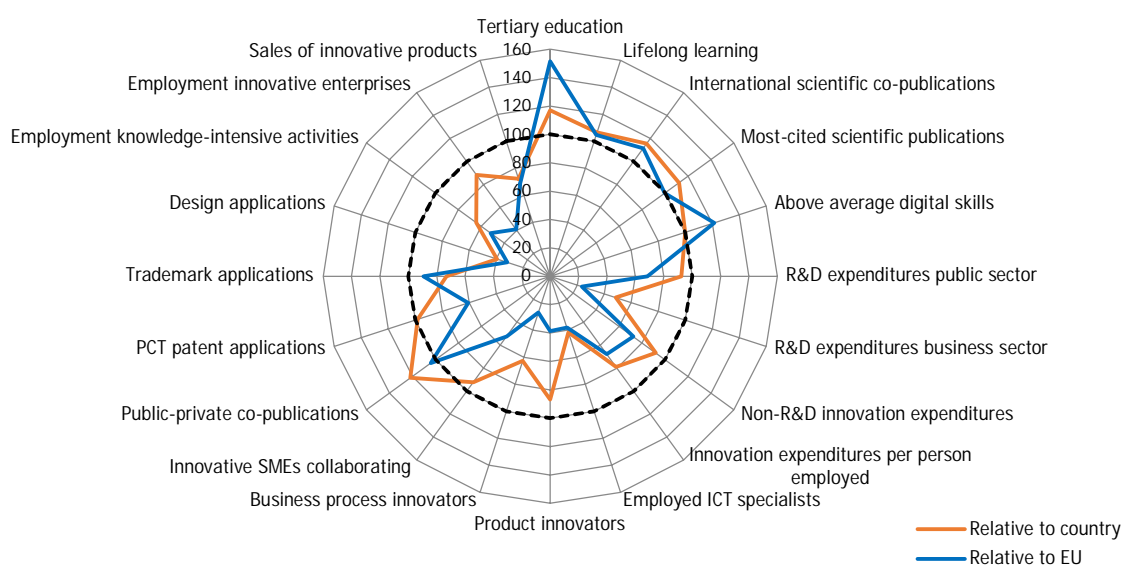
Cantabria (ES13) is a Moderate Innovator -. Innovation performance has increased over time (9.5%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Employment in Utilities & Construction (above average) and Employment in Agriculture & Mining (below average).

	ES13	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	3.2	4.2	4.6
Manufacturing (C)	14.5	12.6	16.4
Utilities & Construction (D-F)	9.1	7.6	8.2
Services (G-N)	65.8	68.5	62.9
Public administration (O-U)	7.4	7.0	7.1
Average number of employed persons per enterprise	3.9	4.0	5.2
GDP per capita (PPS)	26,200	28,400	31,200
GDP per capita growth (PPS)	3.54	3.14	3.21
Population density	111	94	109
Urbanisation	75.3	86.6	75.3
Population size (000s)	580	47,330	446,450



Regional Innovation Scoreboard 2021

Pais Vasco (ES21)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	60.8	1.000	135	174
Lifelong learning	13.0	0.484	123	120
International scientific co-publications	1,798	0.687	127	122
Most-cited scientific publications	11.0	0.614	127	113
Above average digital skills	36.0	0.640	100	121
R&D expenditures public sector	0.48	0.318	88	66
R&D expenditures business sector	1.53	0.549	219	106
Non-R&D innovation expenditures	±	0.280	±	±
Innovation expenditures per person employed	±	0.688	±	±
Employed ICT specialists	3.4	0.427	94	86
Product innovators	±	0.408	±	±
Business process innovators	±	0.367	±	±
Innovative SMEs collaborating	±	0.640	±	±
Public-private co-publications	405.2	0.715	169	144
PCT patent applications	1.42	0.399	104	64
Trademark applications	5.77	0.424	76	93
Design applications	1.55	0.358	77	62
Employment knowledge-intensive activities	17.7	0.706	147	119
Employment innovative enterprises	±	0.473	±	±
Sales of innovative products	±	0.722	±	±
Air emissions by fine particulates	11.4	0.604	91	123
Average score	--	0.548	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.557	--	--
RII 2021 (same year)	--	--	122.4	103.6
RII 2021 (cf. to EU 2014)	--	--	--	119.0
Regional Innovation Index 2014	--	0.488	--	--
RII 2014 (same year)	--	--	127.1	104.4
RII - change between 2014 and 2021	--	14.7	--	--

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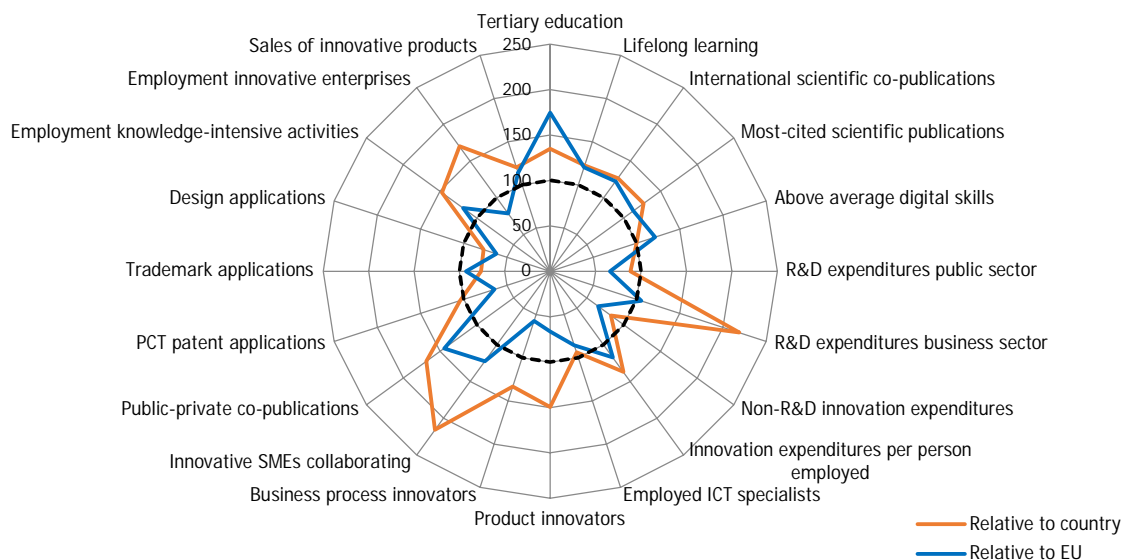
Pais Vasco (ES21) is a Strong Innovator -. Innovation performance has increased over time (14.7%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. Business process innovators).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Employment in Agriculture & Mining (below average).

	ES21	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	1.1	4.2	4.6
Manufacturing (C)	19.9	12.6	16.4
Utilities & Construction (D-F)	6.5	7.6	8.2
Services (G-N)	66.9	68.5	62.9
Public administration (O-U)	5.6	7.0	7.1
Average number of employed persons per enterprise	4.8	4.0	5.2
GDP per capita (PPS)	36,600	28,400	31,200
GDP per capita growth (PPS)	3.01	3.14	3.21
Population density	304	94	109
Urbanisation	88.9	86.6	75.3
Population size (000s)	2,190	47,330	446,450



Regional Innovation Scoreboard 2021

Comunidad Foral de Navarra (ES22)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	55.8	0.963	130	168
Lifelong learning	13.0	0.484	123	120
International scientific co-publications	1,845	0.696	128	124
Most-cited scientific publications	10.1	0.555	115	102
Above average digital skills	37.2	0.666	104	127
R&D expenditures public sector	0.56	0.373	104	77
R&D expenditures business sector	1.15	0.413	164	79
Non-R&D innovation expenditures	±	0.466	±	±
Innovation expenditures per person employed	±	0.618	±	±
Employed ICT specialists	2.5	0.303	66	61
Product innovators	±	0.264	±	±
Business process innovators	±	0.286	±	±
Innovative SMEs collaborating	±	0.398	±	±
Public-private co-publications	310.7	0.626	148	126
PCT patent applications	1.98	0.472	123	76
Trademark applications	6.63	0.488	88	107
Design applications	2.99	0.497	107	87
Employment knowledge-intensive activities	17.5	0.696	145	117
Employment innovative enterprises	±	0.414	±	±
Sales of innovative products	±	0.524	±	±
Air emissions by fine particulates	9.7	0.685	104	139
Average score	--	0.518	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.527	--	--
RII 2021 (same year)	--	--	115.8	98.1
RII 2021 (cf. to EU 2014)	--	--	--	112.6
Regional Innovation Index 2014	--	0.445	--	--
RII 2014 (same year)	--	--	115.8	95.1
RII - change between 2014 and 2021	--	17.5	--	--

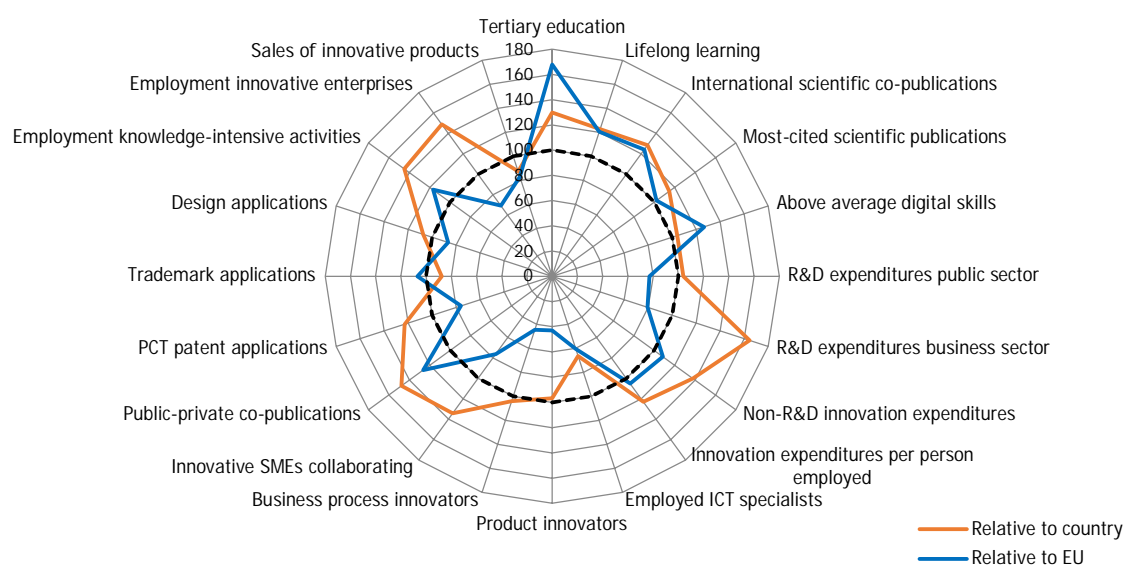
± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

Comunidad Foral de Navarra (ES22) is a Moderate Innovator +. Innovation performance has increased over time (17.5%). The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. Product innovators).

The table below shows data highlighting possible structural differences, e.g. Employment in Manufacturing (above average) and Population density (below average).

	ES22	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	3.9	4.2	4.6
Manufacturing (C)	24.8	12.6	16.4
Utilities & Construction (D-F)	7.5	7.6	8.2
Services (G-N)	58.1	68.5	62.9
Public administration (O-U)	5.8	7.0	7.1
Average number of employed persons per enterprise	4.3	4.0	5.2
GDP per capita (PPS)	34,500	28,400	31,200
GDP per capita growth (PPS)	2.88	3.14	3.21
Population density	63	94	109
Urbanisation	68.3	86.6	75.3
Population size (000s)	660	47,330	446,450



Regional Innovation Scoreboard 2021

La Rioja (ES23)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	42.3	0.642	87	112
Lifelong learning	10.6	0.395	100	98
International scientific co-publications	1,190	0.559	103	100
Most-cited scientific publications	9.1	0.495	102	91
Above average digital skills	35.6	0.631	99	120
R&D expenditures public sector	0.42	0.276	77	57
R&D expenditures business sector	0.39	0.140	56	27
Non-R&D innovation expenditures	±	0.385	±	±
Innovation expenditures per person employed	±	0.442	±	±
Employed ICT specialists	1.2	0.117	26	23
Product innovators	±	0.211	±	±
Business process innovators	±	0.247	±	±
Innovative SMEs collaborating	±	0.359	±	±
Public-private co-publications	113.9	0.379	89	77
PCT patent applications	1.03	0.340	89	55
Trademark applications	11.21	0.827	148	181
Design applications	5.34	0.665	144	116
Employment knowledge-intensive activities	8.7	0.254	53	43
Employment innovative enterprises	±	0.336	±	±
Sales of innovative products	±	0.592	±	±
Air emissions by fine particulates	10.2	0.661	100	135
Average score	--	0.426	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.434	--	--
RII 2021 (same year)	--	--	95.2	80.7
RII 2021 (cf. to EU 2014)	--	--	--	92.6
Regional Innovation Index 2014	--	0.396	--	--
RII 2014 (same year)	--	--	103.1	84.7
RII - change between 2014 and 2021	--	7.9	--	--

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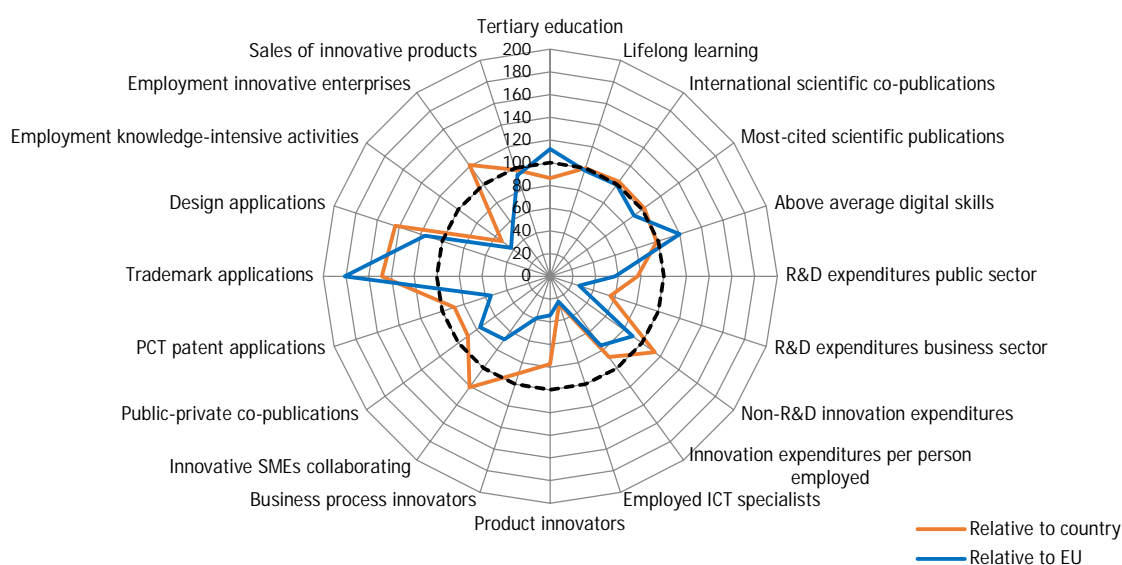
La Rioja (ES23) is a Moderate Innovator. Innovation performance has increased over time (7.9%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Trademark applications) and weaknesses (e.g. Employed ICT specialists).

The table below shows data highlighting possible structural differences, e.g. Employment in Manufacturing (above average) and Population density (below average).

	ES23	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	5.5	4.2	4.6
Manufacturing (C)	24.1	12.6	16.4
Utilities & Construction (D-F)	6.4	7.6	8.2
Services (G-N)	58.3	68.5	62.9
Public administration (O-U)	5.6	7.0	7.1
Average number of employed persons per enterprise	3.4	4.0	5.2
GDP per capita (PPS)	30,300	28,400	31,200
GDP per capita growth (PPS)	2.45	3.14	3.21
Population density	63	94	109
Urbanisation	76.7	86.6	75.3
Population size (000s)	320	47,330	446,450



Regional Innovation Scoreboard 2021

Aragón (ES24)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	47.8	0.773	104	135
Lifelong learning	9.7	0.361	92	90
International scientific co-publications	1,370	0.600	111	107
Most-cited scientific publications	7.8	0.412	85	76
Above average digital skills	36.4	0.648	101	123
R&D expenditures public sector	0.41	0.269	75	56
R&D expenditures business sector	0.51	0.183	73	35
Non-R&D innovation expenditures	±	0.352	±	±
Innovation expenditures per person employed	±	0.494	±	±
Employed ICT specialists	2.6	0.309	68	62
Product innovators	±	0.229	±	±
Business process innovators	±	0.248	±	±
Innovative SMEs collaborating	±	0.264	±	±
Public-private co-publications	193.2	0.494	117	100
PCT patent applications	2.29	0.507	132	82
Trademark applications	6.00	0.441	79	97
Design applications	1.07	0.298	64	52
Employment knowledge-intensive activities	13.7	0.505	105	85
Employment innovative enterprises	±	0.237	±	±
Sales of innovative products	±	0.627	±	±
Air emissions by fine particulates	8.8	0.726	110	148
Average score	--	0.427	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.435	--	--
RII 2021 (same year)	--	--	95.5	80.9
RII 2021 (cf. to EU 2014)	--	--	--	92.9
Regional Innovation Index 2014	--	0.392	--	--
RII 2014 (same year)	--	--	102.0	83.8
RII - change between 2014 and 2021	--	9.1	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

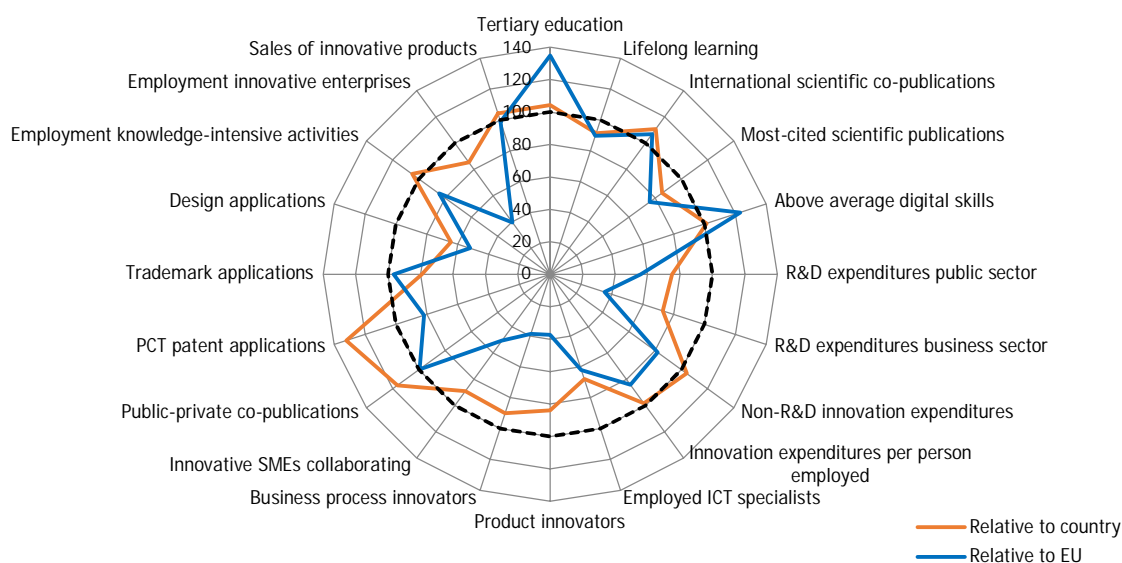
Aragón (ES24) is a Moderate Innovator. Innovation performance has increased over time (9.1%).

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The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Population density (below average).

	ES24	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	6.3	4.2	4.6
Manufacturing (C)	19.0	12.6	16.4
Utilities & Construction (D-F)	7.4	7.6	8.2
Services (G-N)	59.1	68.5	62.9
Public administration (O-U)	8.2	7.0	7.1
Average number of employed persons per enterprise	3.7	4.0	5.2
GDP per capita (PPS)	30,800	28,400	31,200
GDP per capita growth (PPS)	3.44	3.14	3.21
Population density	28	94	109
Urbanisation	78.2	86.6	75.3
Population size (000s)	1,330	47,330	446,450



Comunidad de Madrid (ES3)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	54.4	0.930	125	162
Lifelong learning	11.8	0.439	111	109
International scientific co-publications	2,291	0.776	143	138
Most-cited scientific publications	8.8	0.473	98	87
Above average digital skills	37.2	0.666	104	127
R&D expenditures public sector	0.69	0.463	129	96
R&D expenditures business sector	1.00	0.359	143	69
Non-R&D innovation expenditures	±	0.317	±	±
Innovation expenditures per person employed	±	0.556	±	±
Employed ICT specialists	8.8	1.000	219	200
Product innovators	±	0.255	±	±
Business process innovators	±	0.301	±	±
Innovative SMEs collaborating	±	0.275	±	±
Public-private co-publications	344.6	0.659	156	133
PCT patent applications	1.18	0.364	95	59
Trademark applications	8.63	0.635	114	139
Design applications	1.65	0.370	80	64
Employment knowledge-intensive activities	19.5	0.797	166	134
Employment innovative enterprises	±	0.255	±	±
Sales of innovative products	±	0.625	±	±
Air emissions by fine particulates	9.5	0.694	105	141
Average score	--	0.534	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.543	--	--
RII 2021 (same year)	--	--	119.2	101.0
RII 2021 (cf. to EU 2014)	--	--	--	116.0
Regional Innovation Index 2014	--	0.479	--	--
RII 2014 (same year)	--	--	124.6	102.3
RII - change between 2014 and 2021	--	13.7	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

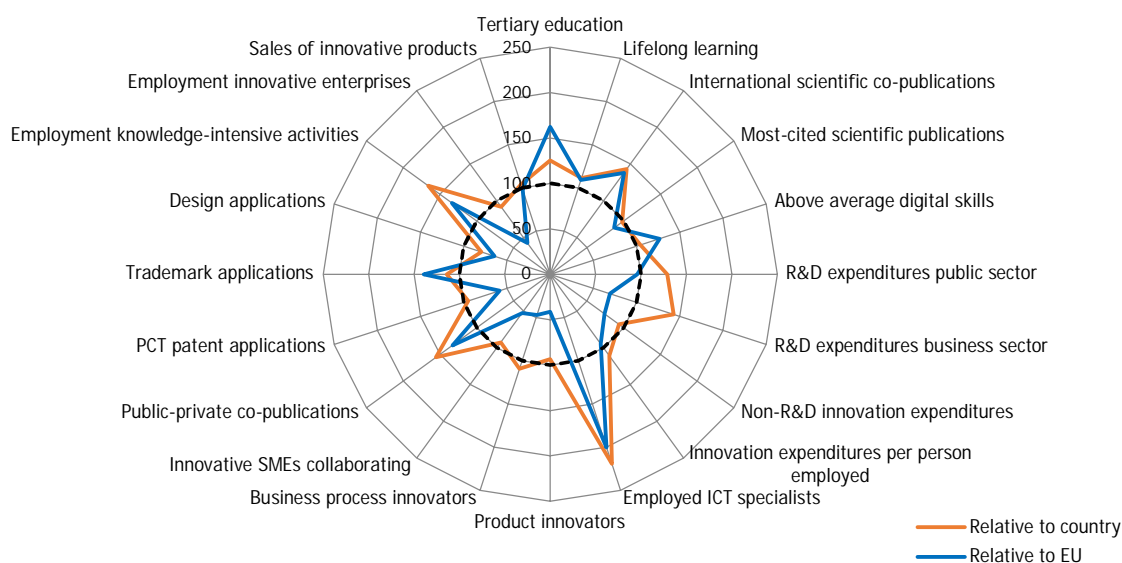
Comunidad de Madrid (ES3) is a Strong Innovator -. Innovation performance has increased over time (13.7%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Employed ICT specialists) and weaknesses (e.g. Product innovators).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Employment in Agriculture & Mining (below average).

	ES3	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	0.2	4.2	4.6
Manufacturing (C)	7.3	12.6	16.4
Utilities & Construction (D-F)	7.5	7.6	8.2
Services (G-N)	77.9	68.5	62.9
Public administration (O-U)	7.0	7.0	7.1
Average number of employed persons per enterprise	6.3	4.0	5.2
GDP per capita (PPS)	38,500	28,400	31,200
GDP per capita growth (PPS)	2.78	3.14	3.21
Population density	840	94	109
Urbanisation	97.7	86.6	75.3
Population size (000s)	6,750	47,330	446,450



Regional Innovation Scoreboard 2021

Castilla y León (ES41)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	48.5	0.790	106	138
Lifelong learning	10.9	0.406	103	101
International scientific co-publications	1,015	0.516	95	92
Most-cited scientific publications	6.8	0.351	72	65
Above average digital skills	35.2	0.622	97	118
R&D expenditures public sector	0.46	0.304	85	63
R&D expenditures business sector	0.86	0.309	123	59
Non-R&D innovation expenditures	±	0.496	±	±
Innovation expenditures per person employed	±	0.571	±	±
Employed ICT specialists	2.0	0.227	50	46
Product innovators	±	0.269	±	±
Business process innovators	±	0.215	±	±
Innovative SMEs collaborating	±	0.295	±	±
Public-private co-publications	129.1	0.404	95	81
PCT patent applications	0.70	0.281	73	45
Trademark applications	3.70	0.271	49	59
Design applications	0.51	0.206	45	36
Employment knowledge-intensive activities	11.2	0.379	79	64
Employment innovative enterprises	±	0.271	±	±
Sales of innovative products	±	0.566	±	±
Air emissions by fine particulates	7.6	0.785	119	160
Average score	--	0.406	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.413	--	--
RII 2021 (same year)	--	--	90.8	76.9
RII 2021 (cf. to EU 2014)	--	--	--	88.3
Regional Innovation Index 2014	--	0.332	--	--
RII 2014 (same year)	--	--	86.3	70.9
RII - change between 2014 and 2021	--	17.4	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

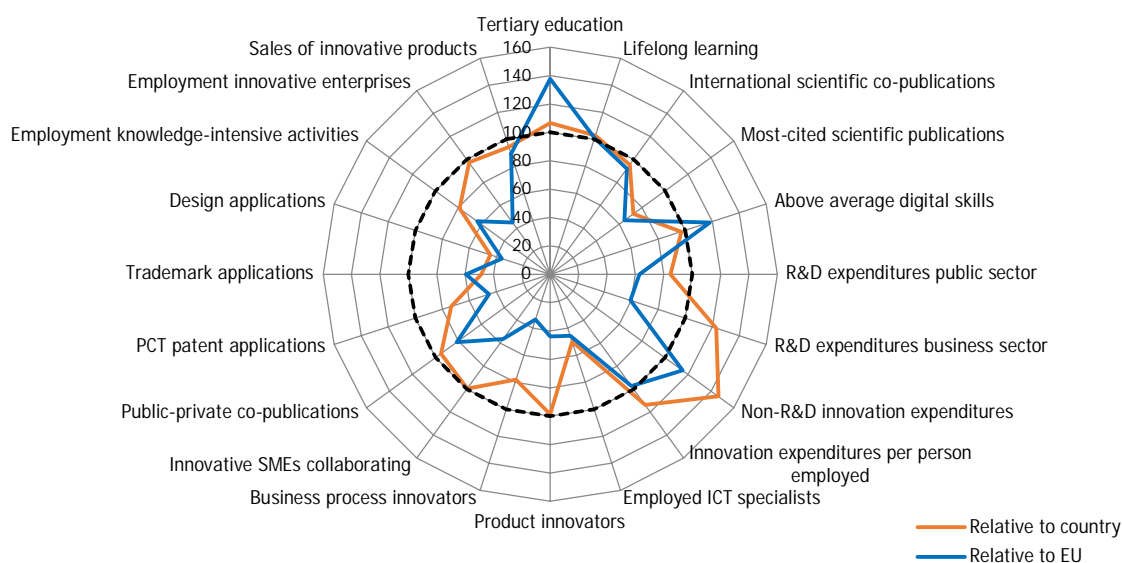
Castilla y León (ES41) is a Moderate Innovator -. Innovation performance has increased over time (17.4%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Tertiary education) and weaknesses (e.g. Business process innovators).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Population density (below average).

	ES41	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	6.6	4.2	4.6
Manufacturing (C)	16.4	12.6	16.4
Utilities & Construction (D-F)	7.8	7.6	8.2
Services (G-N)	60.6	68.5	62.9
Public administration (O-U)	8.6	7.0	7.1
Average number of employed persons per enterprise	3.1	4.0	5.2
GDP per capita (PPS)	26,700	28,400	31,200
GDP per capita growth (PPS)	3.35	3.14	3.21
Population density	26	94	109
Urbanisation	66.7	86.6	75.3
Population size (000s)	2,400	47,330	446,450



Regional Innovation Scoreboard 2021

Castilla-la Mancha (ES42)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	40.7	0.604	81	105
Lifelong learning	9.1	0.339	86	84
International scientific co-publications	506	0.365	67	65
Most-cited scientific publications	10.3	0.573	118	105
Above average digital skills	34.4	0.604	94	115
R&D expenditures public sector	0.24	0.152	42	31
R&D expenditures business sector	0.31	0.111	44	21
Non-R&D innovation expenditures	±	0.357	±	±
Innovation expenditures per person employed	±	0.367	±	±
Employed ICT specialists	2.0	0.229	50	46
Product innovators	±	0.205	±	±
Business process innovators	±	0.203	±	±
Innovative SMEs collaborating	±	0.196	±	±
Public-private co-publications	68.4	0.294	69	59
PCT patent applications	0.39	0.208	54	34
Trademark applications	5.64	0.414	74	91
Design applications	1.05	0.295	64	51
Employment knowledge-intensive activities	9.0	0.269	56	45
Employment innovative enterprises	±	0.193	±	±
Sales of innovative products	±	0.476	±	±
Air emissions by fine particulates	9.6	0.690	104	140
Average score	--	0.340	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.346	--	--
RII 2021 (same year)	--	--	76.0	64.4
RII 2021 (cf. to EU 2014)	--	--	--	73.9
Regional Innovation Index 2014	--	0.289	--	--
RII 2014 (same year)	--	--	75.1	61.6
RII - change between 2014 and 2021	--	12.3	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

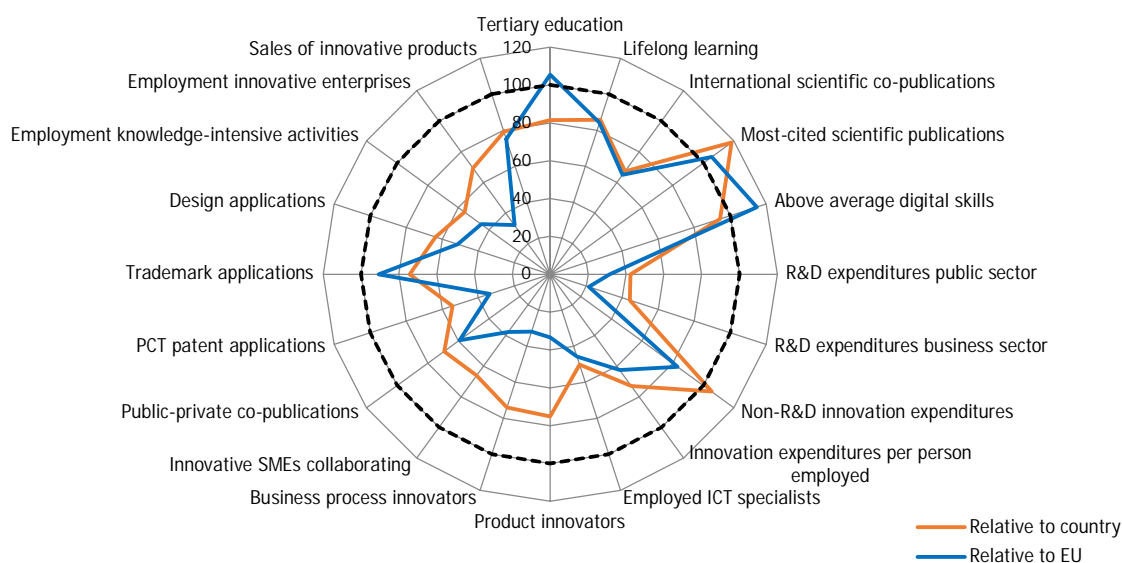
Castilla-la Mancha (ES42) is an Emerging Innovator +. Innovation performance has increased over time (12.3%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Above average digital skills) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Population density (below average).

	ES42	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	6.6	4.2	4.6
Manufacturing (C)	14.6	12.6	16.4
Utilities & Construction (D-F)	9.5	7.6	8.2
Services (G-N)	60.4	68.5	62.9
Public administration (O-U)	8.9	7.0	7.1
Average number of employed persons per enterprise	3.0	4.0	5.2
GDP per capita (PPS)	22,500	28,400	31,200
GDP per capita growth (PPS)	3.64	3.14	3.21
Population density	26	94	109
Urbanisation	70.9	86.6	75.3
Population size (000s)	2,050	47,330	446,450



Extremadura (ES43)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	37.9	0.538	72	94
Lifelong learning	10.2	0.380	96	94
International scientific co-publications	663	0.417	77	74
Most-cited scientific publications	7.2	0.378	78	69
Above average digital skills	35.2	0.622	97	118
R&D expenditures public sector	0.52	0.345	96	71
R&D expenditures business sector	0.15	0.054	21	10
Non-R&D innovation expenditures	±	0.282	±	±
Innovation expenditures per person employed	±	0.328	±	±
Employed ICT specialists	1.5	0.148	32	30
Product innovators	±	0.175	±	±
Business process innovators	±	0.206	±	±
Innovative SMEs collaborating	±	0.297	±	±
Public-private co-publications	74.4	0.306	72	62
PCT patent applications	0.18	0.143	37	23
Trademark applications	2.54	0.185	33	41
Design applications	0.41	0.183	40	32
Employment knowledge-intensive activities	5.2	0.078	16	13
Employment innovative enterprises	±	0.185	±	±
Sales of innovative products	±	0.682	±	±
Air emissions by fine particulates	6.2	0.853	129	174
Average score	--	0.323	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.329	--	--
RII 2021 (same year)	--	--	72.2	61.1
RII 2021 (cf. to EU 2014)	--	--	--	70.2
Regional Innovation Index 2014	--	0.262	--	--
RII 2014 (same year)	--	--	68.3	56.1
RII - change between 2014 and 2021	--	14.1	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

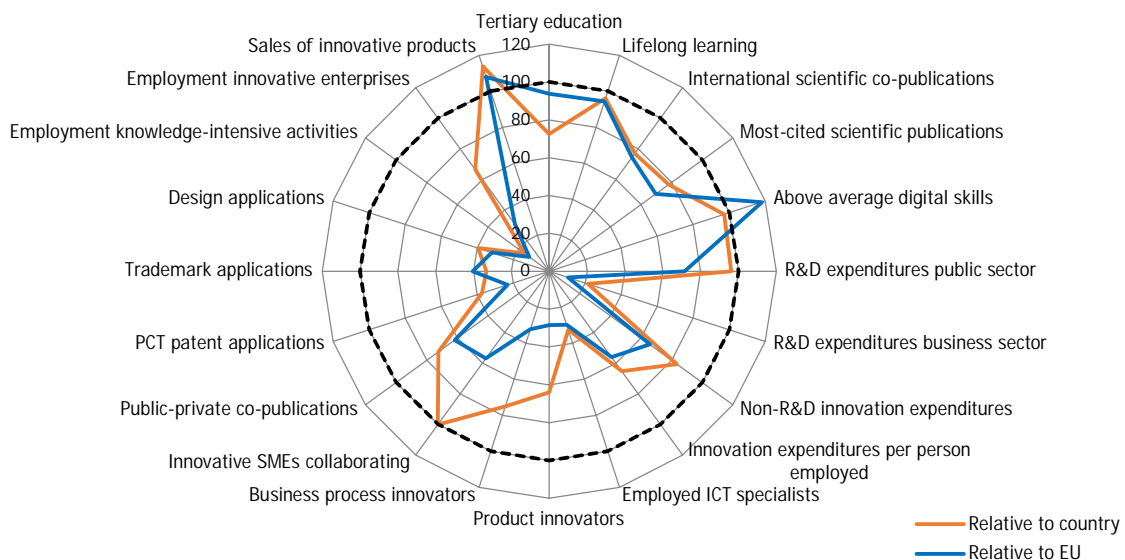
Extremadura (ES43) is an Emerging Innovator +. Innovation performance has increased over time (14.1%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Above average digital skills) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Population density (below average).

	ES43	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	12.4	4.2	4.6
Manufacturing (C)	8.2	12.6	16.4
Utilities & Construction (D-F)	8.1	7.6	8.2
Services (G-N)	59.2	68.5	62.9
Public administration (O-U)	12.2	7.0	7.1
Average number of employed persons per enterprise	2.8	4.0	5.2
GDP per capita (PPS)	20,900	28,400	31,200
GDP per capita growth (PPS)	4.10	3.14	3.21
Population density	26	94	109
Urbanisation	65.5	86.6	75.3
Population size (000s)	1,060	47,330	446,450



Cataluña (ES51)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	51.6	0.863	116	150
Lifelong learning	9.3	0.346	88	86
International scientific co-publications	2,078	0.739	136	132
Most-cited scientific publications	11.0	0.617	127	113
Above average digital skills	37.2	0.666	104	127
R&D expenditures public sector	0.59	0.394	110	81
R&D expenditures business sector	0.94	0.337	134	65
Non-R&D innovation expenditures	±	0.337	±	±
Innovation expenditures per person employed	±	0.525	±	±
Employed ICT specialists	3.7	0.464	102	93
Product innovators	±	0.361	±	±
Business process innovators	±	0.325	±	±
Innovative SMEs collaborating	±	0.284	±	±
Public-private co-publications	337.3	0.652	154	132
PCT patent applications	2.29	0.507	132	82
Trademark applications	10.57	0.779	140	171
Design applications	3.80	0.561	121	98
Employment knowledge-intensive activities	17.2	0.681	142	114
Employment innovative enterprises	±	0.359	±	±
Sales of innovative products	±	0.626	±	±
Air emissions by fine particulates	12.4	0.555	84	113
Average score	--	0.523	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.532	--	--
RII 2021 (same year)	--	--	116.8	98.9
RII 2021 (cf. to EU 2014)	--	--	--	113.6
Regional Innovation Index 2014	--	0.453	--	--
RII 2014 (same year)	--	--	117.8	96.7
RII - change between 2014 and 2021	--	16.9	--	--

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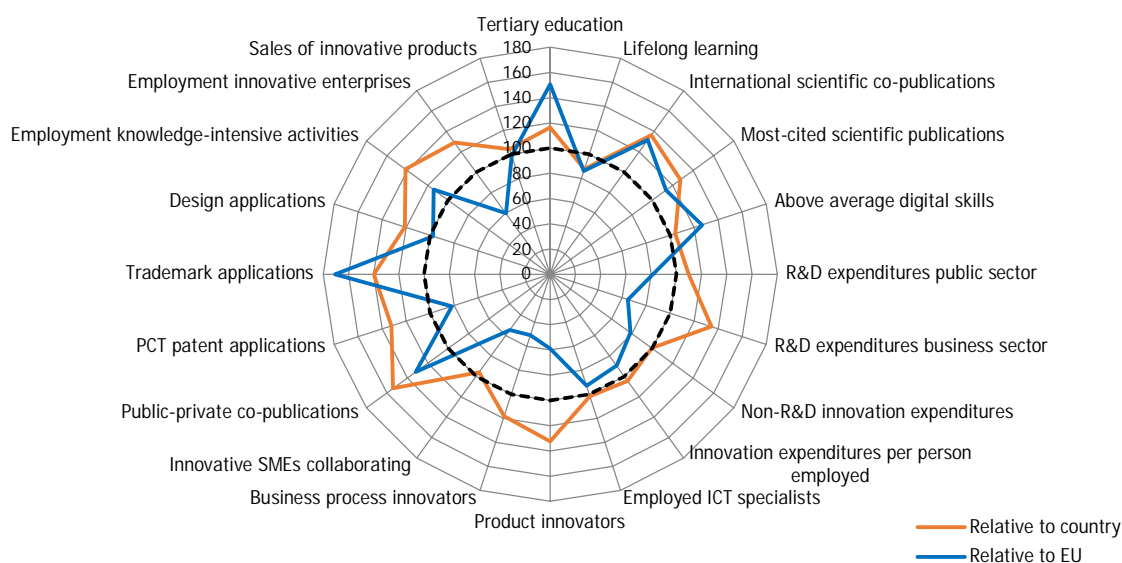
Cataluña (ES51) is a Moderate Innovator +. Innovation performance has increased over time (16.9%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Trademark applications) and weaknesses (e.g. Business process innovators).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Employment in Agriculture & Mining (below average).

	ES51	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	1.6	4.2	4.6
Manufacturing (C)	16.6	12.6	16.4
Utilities & Construction (D-F)	7.4	7.6	8.2
Services (G-N)	69.1	68.5	62.9
Public administration (O-U)	5.3	7.0	7.1
Average number of employed persons per enterprise	4.1	4.0	5.2
GDP per capita (PPS)	33,400	28,400	31,200
GDP per capita growth (PPS)	2.81	3.14	3.21
Population density	238	94	109
Urbanisation	89.9	86.6	75.3
Population size (000s)	7,650	47,330	446,450



Regional Innovation Scoreboard 2021

Comunitat Valenciana (ES52)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	46.5	0.742	100	129
Lifelong learning	12.4	0.462	117	115
International scientific co-publications	1,284	0.581	107	103
Most-cited scientific publications	9.5	0.520	107	96
Above average digital skills	36.0	0.640	100	121
R&D expenditures public sector	0.58	0.387	108	80
R&D expenditures business sector	0.48	0.172	69	33
Non-R&D innovation expenditures	±	0.365	±	±
Innovation expenditures per person employed	±	0.459	±	±
Employed ICT specialists	2.7	0.320	70	64
Product innovators	±	0.285	±	±
Business process innovators	±	0.315	±	±
Innovative SMEs collaborating	±	0.280	±	±
Public-private co-publications	162.8	0.453	107	91
PCT patent applications	1.61	0.425	111	69
Trademark applications	11.93	0.879	158	193
Design applications	9.00	0.862	186	150
Employment knowledge-intensive activities	11.1	0.374	78	63
Employment innovative enterprises	±	0.294	±	±
Sales of innovative products	±	0.625	±	±
Air emissions by fine particulates	9.4	0.698	106	142
Average score	--	0.483	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.491	--	--
RII 2021 (same year)	--	--	107.8	91.3
RII 2021 (cf. to EU 2014)	--	--	--	104.9
Regional Innovation Index 2014	--	0.405	--	--
RII 2014 (same year)	--	--	105.4	86.6
RII - change between 2014 and 2021	--	18.3	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

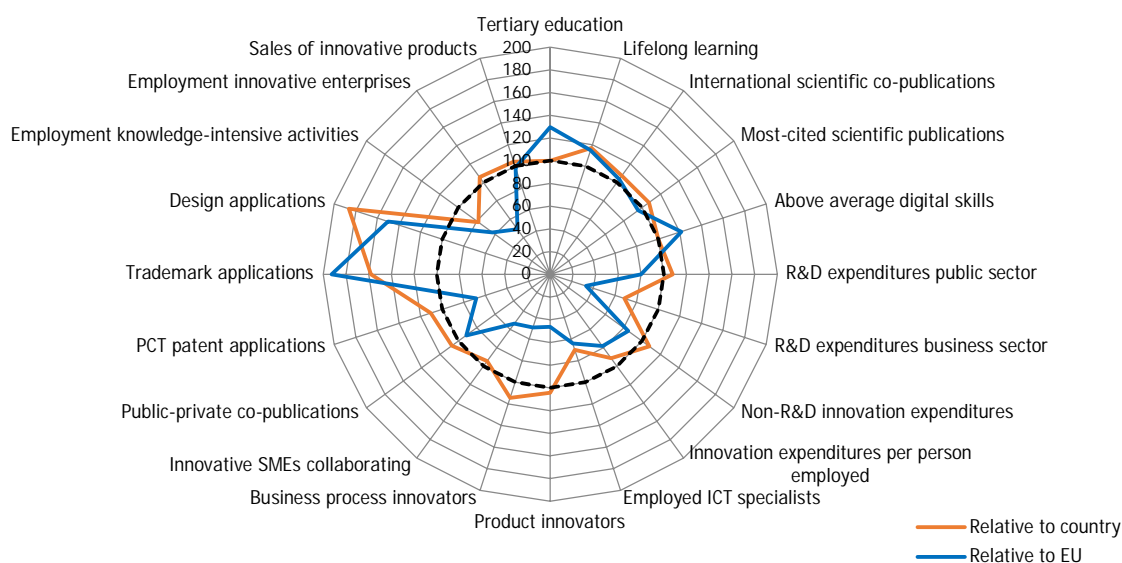
Comunitat Valenciana (ES52) is a Moderate Innovator +. Innovation performance has increased over time (18.3%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Trademark applications) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Employment in Agriculture & Mining (below average).

	ES52	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	3.0	4.2	4.6
Manufacturing (C)	16.4	12.6	16.4
Utilities & Construction (D-F)	7.3	7.6	8.2
Services (G-N)	67.9	68.5	62.9
Public administration (O-U)	5.5	7.0	7.1
Average number of employed persons per enterprise	3.8	4.0	5.2
GDP per capita (PPS)	24,900	28,400	31,200
GDP per capita growth (PPS)	3.14	3.14	3.21
Population density	216	94	109
Urbanisation	93.2	86.6	75.3
Population size (000s)	5,030	47,330	446,450



Regional Innovation Scoreboard 2021

Illes Balears (ES53)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	36.4	0.502	68	88
Lifelong learning	10.6	0.395	100	98
International scientific co-publications	781	0.453	84	81
Most-cited scientific publications	10.7	0.593	123	109
Above average digital skills	36.8	0.657	103	125
R&D expenditures public sector	0.26	0.166	46	34
R&D expenditures business sector	0.14	0.050	20	10
Non-R&D innovation expenditures	±	0.318	±	±
Innovation expenditures per person employed	±	0.399	±	±
Employed ICT specialists	2.5	0.298	65	60
Product innovators	±	0.175	±	±
Business process innovators	±	0.121	±	±
Innovative SMEs collaborating	±	0.135	±	±
Public-private co-publications	84.2	0.326	77	66
PCT patent applications	0.35	0.198	52	32
Trademark applications	9.50	0.700	126	153
Design applications	4.52	0.611	132	106
Employment knowledge-intensive activities	7.9	0.213	44	36
Employment innovative enterprises	±	0.085	±	±
Sales of innovative products	±	0.366	±	±
Air emissions by fine particulates	8.9	0.722	109	147
Average score	--	0.356	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.362	--	--
RII 2021 (same year)	--	--	79.6	67.4
RII 2021 (cf. to EU 2014)	--	--	--	77.4
Regional Innovation Index 2014	--	0.316	--	--
RII 2014 (same year)	--	--	82.2	67.5
RII - change between 2014 and 2021	--	9.9	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

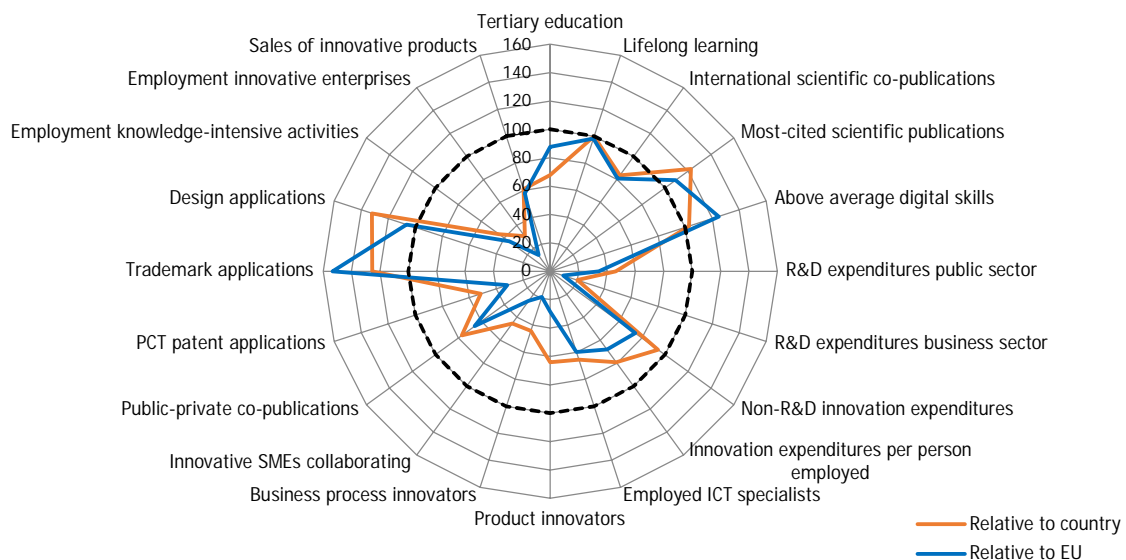
Illes Balears (ES53) is an Emerging Innovator +. Innovation performance has increased over time (9.9%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Trademark applications) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Employment in Agriculture & Mining (below average).

	ES53	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	1.3	4.2	4.6
Manufacturing (C)	5.6	12.6	16.4
Utilities & Construction (D-F)	11.4	7.6	8.2
Services (G-N)	75.8	68.5	62.9
Public administration (O-U)	6.0	7.0	7.1
Average number of employed persons per enterprise	3.4	4.0	5.2
GDP per capita (PPS)	30,300	28,400	31,200
GDP per capita growth (PPS)	2.92	3.14	3.21
Population density	241	94	109
Urbanisation	88.8	86.6	75.3
Population size (000s)	1,210	47,330	446,450



Regional Innovation Scoreboard 2021

Andalucía (ES61)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	37.6	0.531	72	93
Lifelong learning	9.6	0.358	91	89
International scientific co-publications	1,035	0.521	96	93
Most-cited scientific publications	8.9	0.484	100	89
Above average digital skills	35.2	0.622	97	118
R&D expenditures public sector	0.58	0.387	108	80
R&D expenditures business sector	0.34	0.122	49	23
Non-R&D innovation expenditures	±	0.318	±	±
Innovation expenditures per person employed	±	0.392	±	±
Employed ICT specialists	2.2	0.248	54	50
Product innovators	±	0.200	±	±
Business process innovators	±	0.244	±	±
Innovative SMEs collaborating	±	0.216	±	±
Public-private co-publications	100.1	0.355	84	72
PCT patent applications	0.85	0.309	81	50
Trademark applications	4.60	0.338	61	74
Design applications	0.94	0.279	60	49
Employment knowledge-intensive activities	9.3	0.284	59	48
Employment innovative enterprises	±	0.173	±	±
Sales of innovative products	±	0.475	±	±
Air emissions by fine particulates	10.6	0.641	97	131
Average score	--	0.357	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.363	--	--
RII 2021 (same year)	--	--	79.7	67.5
RII 2021 (cf. to EU 2014)	--	--	--	77.6
Regional Innovation Index 2014	--	0.313	--	--
RII 2014 (same year)	--	--	81.5	66.9
RII - change between 2014 and 2021	--	10.6	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

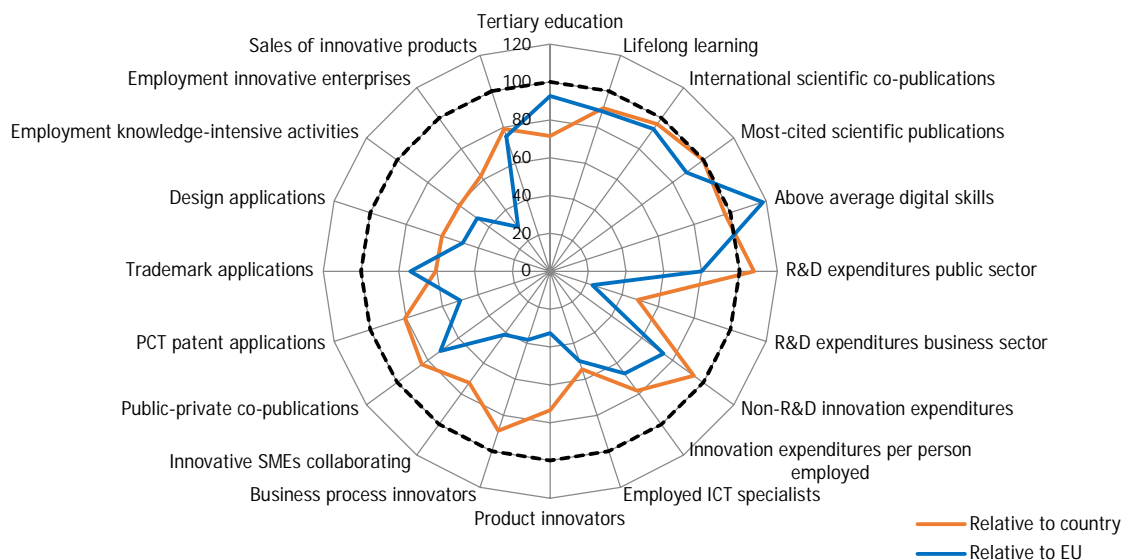
Andalucía (ES61) is an Emerging Innovator +. Innovation performance has increased over time (10.6%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Above average digital skills) and weaknesses (e.g. R&D expenditures business sector).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Employment in Manufacturing (below average).

	ES61	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	8.6	4.2	4.6
Manufacturing (C)	8.2	12.6	16.4
Utilities & Construction (D-F)	7.6	7.6	8.2
Services (G-N)	67.2	68.5	62.9
Public administration (O-U)	8.4	7.0	7.1
Average number of employed persons per enterprise	3.1	4.0	5.2
GDP per capita (PPS)	21,100	28,400	31,200
GDP per capita growth (PPS)	3.20	3.14	3.21
Population density	97	94	109
Urbanisation	85.8	86.6	75.3
Population size (000s)	8,480	47,330	446,450



Regional Innovation Scoreboard 2021

Región de Murcia (ES62)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	37.3	0.524	71	91
Lifelong learning	12.2	0.454	115	113
International scientific co-publications	1,103	0.538	99	96
Most-cited scientific publications	9.0	0.489	101	90
Above average digital skills	36.0	0.640	100	121
R&D expenditures public sector	0.50	0.332	92	69
R&D expenditures business sector	0.46	0.165	66	32
Non-R&D innovation expenditures	±	0.407	±	±
Innovation expenditures per person employed	±	0.430	±	±
Employed ICT specialists	1.3	0.130	28	26
Product innovators	±	0.242	±	±
Business process innovators	±	0.228	±	±
Innovative SMEs collaborating	±	0.194	±	±
Public-private co-publications	144.2	0.427	101	86
PCT patent applications	0.89	0.316	82	51
Trademark applications	10.25	0.755	135	165
Design applications	3.86	0.565	122	98
Employment knowledge-intensive activities	8.1	0.223	47	38
Employment innovative enterprises	±	0.200	±	±
Sales of innovative products	±	0.551	±	±
Air emissions by fine particulates	10.2	0.661	100	135
Average score	--	0.403	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.410	--	--
RII 2021 (same year)	--	--	90.1	76.3
RII 2021 (cf. to EU 2014)	--	--	--	87.6
Regional Innovation Index 2014	--	0.328	--	--
RII 2014 (same year)	--	--	85.4	70.1
RII - change between 2014 and 2021	--	17.5	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

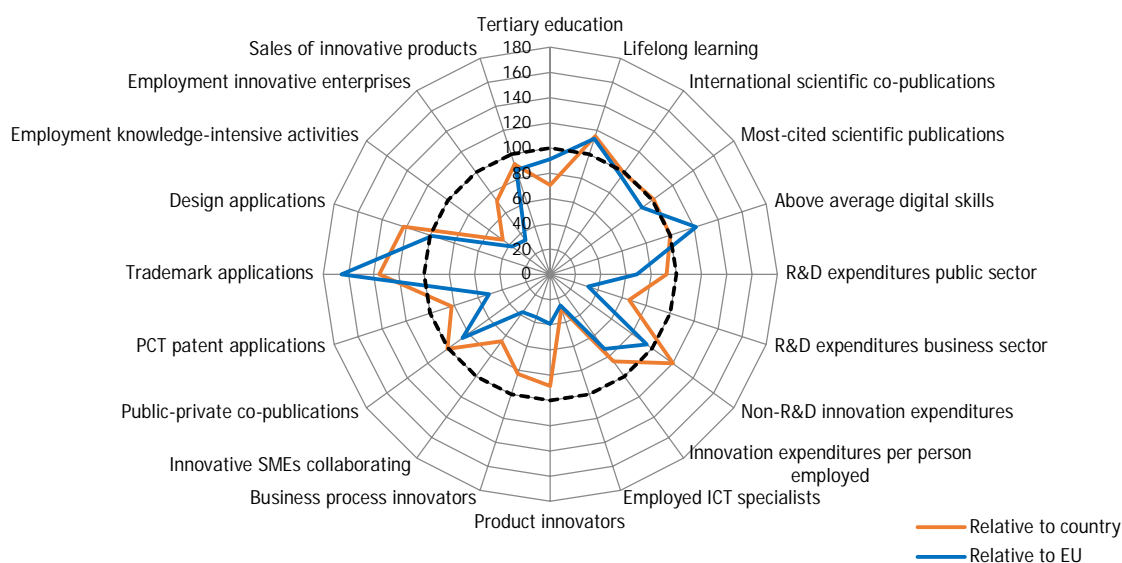
Región de Murcia (ES62) is a Moderate Innovator -. Innovation performance has increased over time (17.5%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Trademark applications) and weaknesses (e.g. Employed ICT specialists).

The table below shows data highlighting possible structural differences, e.g. Employment in Agriculture & Mining (above average) and Employment in Public administration (below average).

	ES62	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	12.7	4.2	4.6
Manufacturing (C)	12.3	12.6	16.4
Utilities & Construction (D-F)	7.6	7.6	8.2
Services (G-N)	62.0	68.5	62.9
Public administration (O-U)	5.3	7.0	7.1
Average number of employed persons per enterprise	3.7	4.0	5.2
GDP per capita (PPS)	23,200	28,400	31,200
GDP per capita growth (PPS)	2.52	3.14	3.21
Population density	132	94	109
Urbanisation	99.2	86.6	75.3
Population size (000s)	1,500	47,330	446,450



Regional Innovation Scoreboard 2021

Ciudad de Ceuta (ES63)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	28.3	0.310	42	54
Lifelong learning	11.0	0.410	104	102
International scientific co-publications	131	0.185	34	33
Most-cited scientific publications	0.0	0.000	0	0
Above average digital skills	36.4	0.648	101	123
R&D expenditures public sector	0.04	0.014	4	3
R&D expenditures business sector	0.06	0.022	9	4
Non-R&D innovation expenditures	±	0.000	±	±
Innovation expenditures per person employed	±	0.000	±	±
Employed ICT specialists	2.0	0.227	50	46
Product innovators	±	0.000	±	±
Business process innovators	±	0.000	±	±
Innovative SMEs collaborating	±	0.000	±	±
Public-private co-publications	0.0	0.000	0	0
PCT patent applications	0.00	0.000	0	0
Trademark applications	1.33	0.095	17	21
Design applications	0.53	0.209	45	36
Employment knowledge-intensive activities	7.6	0.198	41	33
Employment innovative enterprises	±	0.000	±	±
Sales of innovative products	±	0.439	±	±
Air emissions by fine particulates	11.1	0.617	93	126
Average score	--	0.178	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.181	--	--
RII 2021 (same year)	--	--	39.7	33.6
RII 2021 (cf. to EU 2014)	--	--	--	38.6
Regional Innovation Index 2014	--	0.161	--	--
RII 2014 (same year)	--	--	41.9	34.4
RII - change between 2014 and 2021	--	4.2	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

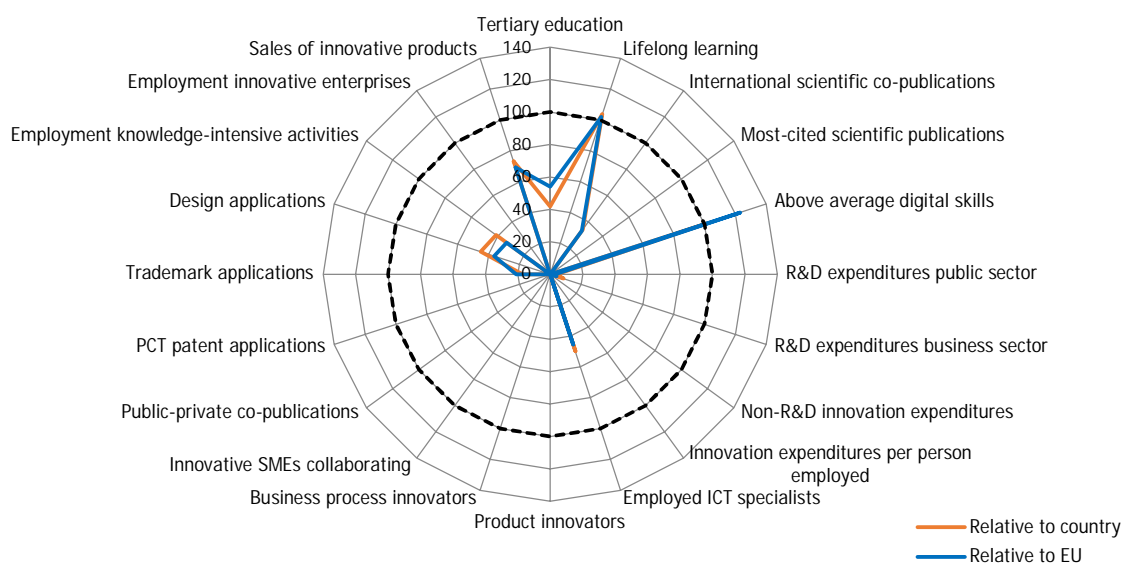
Ciudad de Ceuta (ES63) is an Emerging Innovator -. Innovation performance has increased over time (4.2%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Above average digital skills) and weaknesses (e.g. Most-cited scientific publications).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Average employed persons per enterprise (below average).

	ES63	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	n/a	4.2	4.6
Manufacturing (C)	n/a	12.6	16.4
Utilities & Construction (D-F)	5.5	7.6	8.2
Services (G-N)	65.4	68.5	62.9
Public administration (O-U)	27.6	7.0	7.1
Average number of employed persons per enterprise	2.9	4.0	5.2
GDP per capita (PPS)	22,400	28,400	31,200
GDP per capita growth (PPS)	2.37	3.14	3.21
Population density	4,223	94	109
Urbanisation	100.0	86.6	75.3
Population size (000s)	80	47,330	446,450



Regional Innovation Scoreboard 2021

Ciudad de Melilla (ES64)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	33.0	0.422	57	74
Lifelong learning	12.4	0.462	117	115
International scientific co-publications	12	0.056	10	10
Most-cited scientific publications	0.0	0.000	0	0
Above average digital skills	36.0	0.640	100	121
R&D expenditures public sector	0.09	0.048	13	10
R&D expenditures business sector	0.06	0.022	9	4
Non-R&D innovation expenditures	±	0.069	±	±
Innovation expenditures per person employed	±	0.000	±	±
Employed ICT specialists	2.0	0.227	50	46
Product innovators	±	0.204	±	±
Business process innovators	±	0.252	±	±
Innovative SMEs collaborating	±	0.090	±	±
Public-private co-publications	0.0	0.000	0	0
PCT patent applications	0.38	0.207	54	33
Trademark applications	2.64	0.192	34	42
Design applications	0.00	0.000	0	0
Employment knowledge-intensive activities	5.4	0.088	18	15
Employment innovative enterprises	±	0.000	±	±
Sales of innovative products	±	0.626	±	±
Air emissions by fine particulates	14.2	0.468	71	95
Average score	--	0.214	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.218	--	--
RII 2021 (same year)	--	--	47.9	40.6
RII 2021 (cf. to EU 2014)	--	--	--	46.6
Regional Innovation Index 2014	--	0.159	--	--
RII 2014 (same year)	--	--	41.5	34.0
RII - change between 2014 and 2021	--	12.5	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

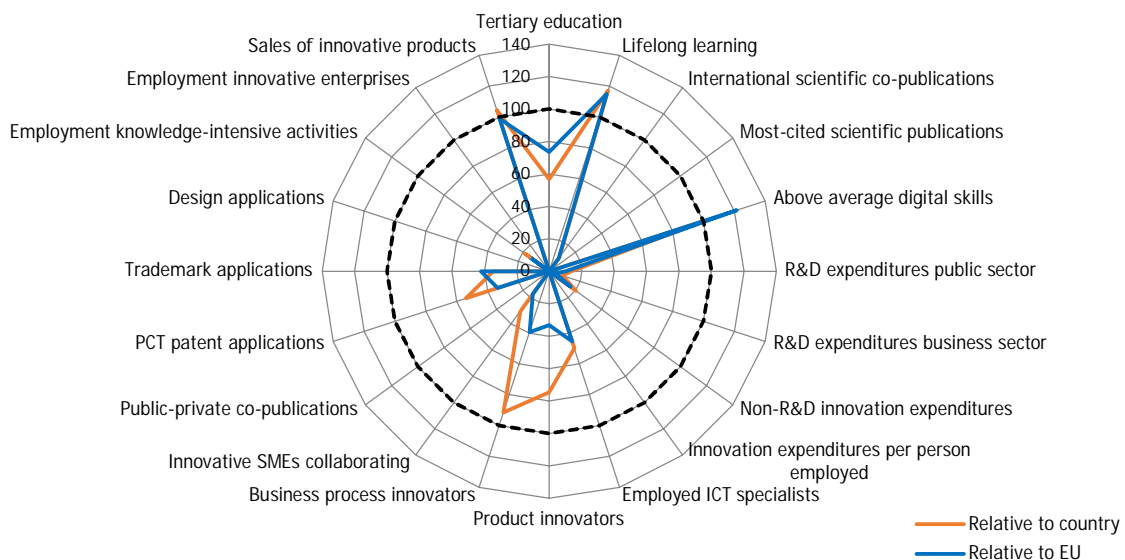
Ciudad de Melilla (ES64) is an Emerging Innovator. Innovation performance has increased over time (12.5%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Above average digital skills) and weaknesses (e.g. Most-cited scientific publications).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Average employed persons per enterprise (below average).

	ES64	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	n/a	4.2	4.6
Manufacturing (C)	n/a	12.6	16.4
Utilities & Construction (D-F)	5.4	7.6	8.2
Services (G-N)	66.9	68.5	62.9
Public administration (O-U)	26.6	7.0	7.1
Average number of employed persons per enterprise	2.5	4.0	5.2
GDP per capita (PPS)	20,600	28,400	31,200
GDP per capita growth (PPS)	2.45	3.14	3.21
Population density	6,042	94	109
Urbanisation	100.0	86.6	75.3
Population size (000s)	80	47,330	446,450



Canarias (ES) (ES7)

	Data	Normalised score	Relative to	
			ES	EU
Tertiary education	42.4	0.645	87	112
Lifelong learning	10.0	0.372	94	93
International scientific co-publications	748	0.443	82	79
Most-cited scientific publications	7.5	0.394	81	72
Above average digital skills	35.6	0.631	99	120
R&D expenditures public sector	0.38	0.249	69	51
R&D expenditures business sector	0.09	0.032	13	6
Non-R&D innovation expenditures	±	0.292	±	±
Innovation expenditures per person employed	±	0.350	±	±
Employed ICT specialists	2.0	0.219	48	44
Product innovators	±	0.100	±	±
Business process innovators	±	0.155	±	±
Innovative SMEs collaborating	±	0.158	±	±
Public-private co-publications	89.0	0.335	79	68
PCT patent applications	0.00	0.000	0	0
Trademark applications	3.54	0.259	46	57
Design applications	0.33	0.166	36	29
Employment knowledge-intensive activities	7.8	0.208	43	35
Employment innovative enterprises	±	0.034	±	±
Sales of innovative products	±	0.115	±	±
Air emissions by fine particulates	0.0	0.000	0	0
Average score	--	0.258	--	--
Country EIS-RIS correction factor	--	1.017	--	--
Regional Innovation Index 2021	--	0.262	--	--
RII 2021 (same year)	--	--	57.6	48.8
RII 2021 (cf. to EU 2014)	--	--	--	56.0
Regional Innovation Index 2014	--	0.212	--	--
RII 2014 (same year)	--	--	55.2	45.3
RII - change between 2014 and 2021	--	10.7	--	--

± Relative-to-EU scores are not shown as these would allow recalculating confidential regional CIS data.

Canarias (ES) (ES7) is an Emerging Innovator. Innovation performance has increased over time (10.7%).

The table on the left shows the normalised scores per indicator and relative results compared to Spain and the EU. The table also shows the Regional Innovation Index (RII) in 2021 compared to that of Spain and the EU in 2021, the RII in 2021 compared to that of the EU in 2014, and performance change over time between 2014 and 2021.

The radar graph shows relative strengths compared to Spain (orange line) and the EU (blue line), showing relative strengths (e.g. Above average digital skills) and weaknesses (e.g. PCT patent applications).

The table below shows data highlighting possible structural differences, e.g. Population density (above average) and Employment in Manufacturing (below average).

	ES7	ES	EU
Share of employment in:			
Agriculture & Mining (A-B)	2.9	4.2	4.6
Manufacturing (C)	3.3	12.6	16.4
Utilities & Construction (D-F)	6.7	7.6	8.2
Services (G-N)	78.9	68.5	62.9
Public administration (O-U)	8.2	7.0	7.1
Average number of employed persons per enterprise	3.5	4.0	5.2
GDP per capita (PPS)	22,800	28,400	31,200
GDP per capita growth (PPS)	2.57	3.14	3.21
Population density	299	94	109
Urbanisation	95.8	86.6	75.3
Population size (000s)	2,240	47,330	446,450

