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Synthetic table

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This document and any map included herein are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

Synthetic table

Table 10.1. **Comparative performance of national science and innovation systems, 2011**

Country relative position: in the top 5 OECD (★), in the middle range above OECD median (●●),
in the middle range below OECD median (●) and in the bottom 5 OECD (○)

	Competences and capacity to innovate								
	Science base			Business R&D and innovation				Entrepreneurship	
	Public R&D expenditure (per GDP)	Top 500 universities (per GDP)	Publications in the top-quartile journals (per GDP)	Business R&D expenditure (per GDP)	Top 500 corporate R&D investors (per GDP)	Triadic patent families (per GDP)	Trademarks (per GDP)	Venture capital (per GDP)	Ease of entrepreneurship index
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Argentina	●	●		○	○	○	●		
Australia	●●	●●	●●	●●	●●	●	●●	●●	●●
Austria	●●	★	●●	●●	○	●●	●●	●●	●●
Belgium	●	●●	●●	●●	●●	●●	●	●●	●
Brazil	●	●	○	●	●	●	○		●
Canada	●●	●●	●●	●	●	●●	★	●	●●
Chile	○	●	○	○	○	○	●		●
China	●	●	○	●●	●	●	○		○
Colombia	○	○		○	○	○			
Czech Republic	●	●	●	●	○	●	○	●	○
Denmark	★	●●	★	●●	★	●●	●●	●●	★
Egypt		●			○	○			
Estonia	●●	○	●●	●	○	●	●	●	●
Finland	★	★	●●	★	●●	★	●	●●	★
France	●●	●	●	●●	●●	●●	●●	●●	●●
Germany	●●	●●	●	●●	●●	★	●●	●	●●
Greece	○	●	●	○	○	●	○	●	●
Hungary	○	●	●	●	○	●	○	○	●
Iceland	★	○	★	●●	○	●	★		○
India	●	○	○	○	●	●	○		○
Indonesia	○	○	○	○	○	○	○		
Ireland	●	●●	●●	●●	★	●●	●●	★	●●
Israel [*]	●●	★	★	★	●●	●●	●●	★	○
Italy	●	●●	●	●	●	●	●	○	●
Japan	●	●	●	★	★	★	●		○
Korea	●●	●	●	★	●●	●●	●	●	●●
Luxembourg	●	○	○	●●	★	●●	★	○	●
Mexico	○	○	○	○	○	○	●		○
Netherlands	★	●●	●●	●	●●	●●	●●	●●	★
New Zealand	●●	★	●●	●	○	●	★		●
Norway	●●	●●	●●	●	●●	●	●	●●	★
Poland	●	●	●	○	○	○	○	○	○
Portugal	●	●	●	●	●	●	●	●	●●
Russian Federation	●	●	○	●	●	○	○		●
Slovak Republic	○	○	○	○	○	○	●		○
Slovenia	●	●●	●●	●●	○	●	●●	○	★
South Africa	○	●	○	●	○	●	●		○
Spain	●	●	●	●	●	●	●	●	●●
Sweden	★	★	★	★	●●	★	●●	★	★
Switzerland	●●	●●	★	●●	★	★	★	★	●●
Turkey	●	●	○	●	○	○	○		○
United Kingdom	●	●●	●●	●	●●	●●	●●	●●	★
United States	●●	●	●	●●	●●	●●	●●	★	●●

Table 10.1. **Comparative performance of national science and innovation systems, 2011** (cont.)

Country relative position: in the top 5 OECD (★), in the middle range above OECD median (●●),
in the middle range below OECD median (●) and in the bottom 5 OECD (○)

	Interactions and human resources for innovation											
	Internet for innovation				Knowledge flows and commercialisation				Human resources			
	Fixed broadband subscribers (per population)	Wireless broadband subscribers (per population)	Networks (autonomous systems) (per population)	E-government readiness index	Industry-financed public R&D expenditures (per GDP)	Patents filed by universities and public labs (per GDP)	International co-authorship (%)	International co-patenting (%)	Adult population at tertiary education level (%)	15-year-old top performers in science (%)	Doctoral graduation rate in science and engineering	S&T occupations in total employment (%)
	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
Argentina	○		○	○	○		●	★	○	○		○
Australia	●	●●	●●	●●	●●	●●	●	●	●●	★	●●	●●
Austria	●	●	●●	●	●	●●	★	●●	●	●	●●	●●
Belgium	●●	○	○	●	●●	●●	★	★	●●	●●	●	●●
Brazil	○	●	○	○		●	○	●	○	○	○	○
Canada	●●	●	●●	●●	●●	●●	●	●●	★	●●	●●	●
Chile	○	○	○	●	○		●●	●●	●	○	○	●
China	○		○	○	●●	●	○	○	○			○
Colombia	○	○	○	●			●●	●●		○		○
Czech Republic	●	●●	★	○	●	●	●	●●	○	●●	●●	●●
Denmark	★	●●	●●	★	●	★	●●	●	●●	●	●●	★
Egypt	○	●	○	○			●	●●				●
Estonia	●	●	●	●	●		●●	●●	●●	●●	●	●
Finland	●●	★	●●	●●	★	●	●●	●	●●	★	★	●●
France	●●	●	●	●●	●	★	●	●	●	●●	●●	●●
Germany	●●	●	●	●●	★	●●	●	●	●	★	★	●●
Greece	●	●	●	●	●	○	●	●●	●	○	●	●
Hungary	●	○	●	●	●●	●	●●	●●	●	●	●	●
Iceland	●●	●●	★	●	★	●	★	★	●	●	○	★
India	○		○	○		●	○	●●				○
Indonesia	○		○	○			★	★	○	○		○
Ireland	●	●●	●	●	●	★	●●	●●	●●	●●	●●	●●
Israel	●	●	●●	●●	●●	★	●	●	★	○	●●	●
Italy	●	●	●	●	○	●	●	○	○	●	●	●
Japan	●●	★	○	●●	●	●●	○	○	★	★	●	○
Korea	★	★	●	★	●●	★	○	○	●●	●●	●	○
Luxembourg	●●	●●	★	●●	○	○	★	★	●●	●		★
Mexico	○	○	○	○	○	●	●	●●	○	○	○	○
Netherlands	★	●	●●	★	★	●●	●●	●	●	●●	●	●●
New Zealand	●●	●●	●●	●●	●●	●	●●	●	★	★	●●	●
Norway	★	★	●●	●●	●●	●	●●	●	●●	●	●	●●
Poland	○	●●	●●	○	●	●	○	●●	●	●	○	●
Portugal	●	●●	○	●	○	●	●●	●●	○	●	●●	○
Russian Federation	○		●	●	●●	○	○	●	★	●		●●
Slovak Republic	○	●	●	○	●		●●	★	●	●	●●	●
Slovenia	●	●	★	●	★	●	●	●	●	●●	●●	●●
South Africa	○		○	○	●	●	●	●	○			○
Spain	●	●	●	●	●●	●●	●	●	●	●	●	●
Sweden	●●	★	●●	●●	●●	○	●●	●	●●	●	★	★
Switzerland	★	●●	★	●●	●●	●●	★	★	●●	●●	★	★
Turkey	○	○	○	○	●●	○	○	○	○	○	○	○
United Kingdom	●●	●●	●	★	●	●●	●	●●	●●	●●	★	●
United States	●●	●●	●●	★	●	●●	○	○	★	●●	●	●●

Note: Non-OECD countries are also compared to OECD countries and may therefore be out of range (e.g. lower than the lowest OECD country). They appear in this table with top five and bottom five OECD values.

* Israel: "The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law."

Source: See reader's guide and methodological annex to the OECD *Science, Technology and Industry Outlook 2012* country profiles.