

26. Research and development

The official OECD statistics relating to aerospace industry research and development (R&D) presented here focus on business enterprise research and development (BERD) data. BERD is considered to be closely linked to the development of new products and production techniques. BERD data for aerospace are heavily dominated by a few large countries. Four of the OECD's largest industrial spenders – the United States, France, the United Kingdom and Germany – account for more than 80% of the total (Table 26.1). The evolution of BERD performed in the aerospace industry for selected OECD countries shows the industry in the United States investing twice as much as the total European industry. Taken nationally, the French, German and British aerospace industries invested each four times less than their American counterparts in 2006 (Figure 26.2).

Methodological notes

The OECD Analytical Business Enterprise Research and Development (ANBERD) database provides internationally comparable time-series on industrial R&D expenditures. The data on R&D expenditures by the aerospace industry are based on official statistics provided to the OECD by its member countries. Aerospace data were only available for selected OECD and non-OECD countries.

Source

OECD (2010), *Analytical Business Enterprise Research and Development (ANBERD) Database*, www.oecd.org/sti/anberd.

Further reading

OECD (2010), *Main Science and Technology Indicators (MSTI) Database*, www.oecd.org/sti/msti.

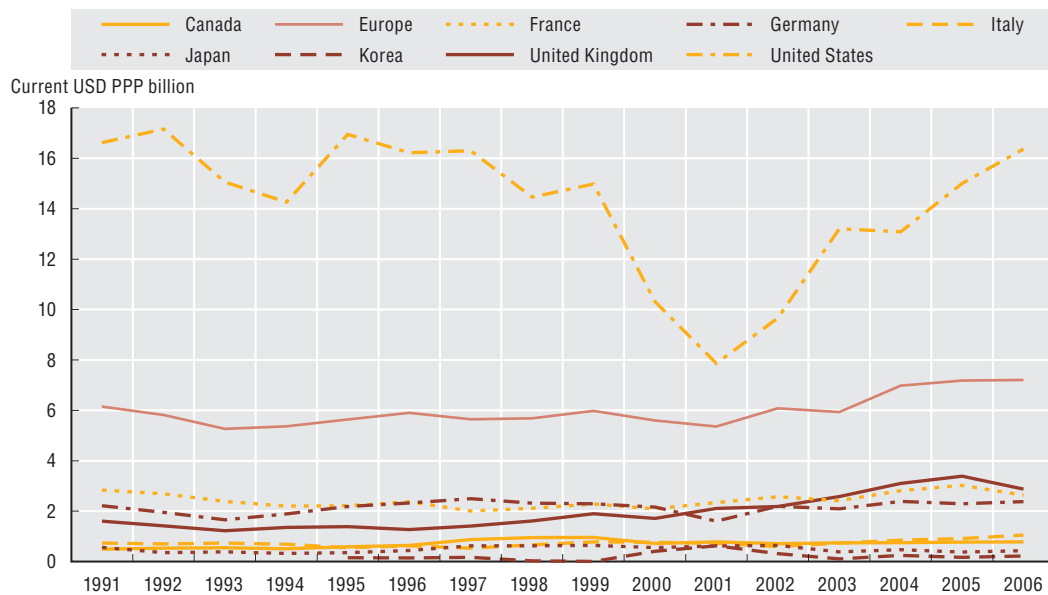

Notes

26.1: Non-OECD countries.

26.2: Europe: BERD budgets of Austria, Belgium, the Czech Republic, Finland, France, Germany, Greece, Ireland, Italy, the Netherlands, Norway, Poland, Spain and Sweden.

26.1 BERD performed in the aerospace industry for selected OECD and non-OECD countries 2008 or latest year

	BERD performed in aerospace (current USD PPP million)	Percentage of BERD performed in the aerospace industry
Australia	81.515	0.91
Austria	19.465	0.34
Belgium	95.713	1.91
Canada	780.558	6.14
Czech Republic	48.077	1.964
Finland	17.0134	0.354
France	2 995.318	10.80
Germany	2 246.780	4.33
Italy	1 230.306	10.62
Japan	427.401	0.40
Korea	36.306	0.11
Netherlands	0.1774	0.01
Norway	44.904	0.711
Poland	3.760	0.141
Spain	47.552	4.721
Sweden	396.490	3.871
United Kingdom	289.808	3.16
United States	3 209.661	13.24
Russian Federation	1 8436	6.84
Singapore	541.118	2.60

26.2 Evolution of BERD performed in the aerospace industry for selected OECD countries, 1991-2006

 StatLink  <http://dx.doi.org/10.1787/888932400532>



From:
The Space Economy at a Glance 2011

Access the complete publication at:
<https://doi.org/10.1787/9789264111790-en>

Please cite this chapter as:

OECD (2011), "Research and development", in *The Space Economy at a Glance 2011*, OECD Publishing, Paris.

DOI: <https://doi.org/10.1787/9789264113565-31-en>

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