

Science, Technology and Innovation

www.oecd.org/sti/statistical-analysis – www.oecd.org/sti/rds – www.oecd.org/sti/ICTindicators – www.oecd.org/sti/scoreboard
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The OECD is at the forefront of developing international standards for the measurement of research and development (*Frascati Manual*, 2002), innovation (*Oslo Manual*, 2005), patents (*Patents Statistics Manual*, 2009), information and communication technologies (*OECD Guide to Measuring the Information Society*, 2011) and biotechnology (*A Framework for Biotechnology Statistics*, 2005).

The OECD *Research and Development (R&D) Statistics* database provides a wide range of data on the resources devoted to R&D. The OECD maintains comprehensive databases on patents and trademarks and currently publishes indicators of patents by technology fields and international co-operation as well as specialised databases concerning triadic patent families, regional patents and citations.

The growth and influence of ICT are monitored by OECD information and communications statistics which provide indicators of ICT usage and diffusion.

Large databases are currently being linked at the OECD to generate unique analyses and insights on issues such as science and industry linkages, innovative young firms, innovation hotspots, knowledge flows, intellectual property rights and knowledge clusters.

Twice a year, the *OECD Main Science and Technology Indicators* provides a broad spectrum of indicators covering areas such as R&D, patenting activities and international trade involving high-technology industries.

Measuring Innovation: A New Perspective (2010) examines the broader notion of innovation and its link to economic performance while developing a forward looking measurement agenda. The range and depth of OECD statistical work in the areas of science, technology and innovation is best summarised by the *OECD Science, Technology and Industry Scoreboard*, published every two years.



Find out more

- OECD (2010), *Measuring Innovation: A New Perspective*.
- *Main Science and Technology Indicators* (database).
- *OECD Patent Statistics* (database).
- *OECD Telecommunications and Internet Statistics* (database).
- *Science, Technology and R&D Statistics* (database).