

Gross Domestic Expenditure on RD

Dimension - Science & Technology

Associated Key Factor:

Research and Development

Data Source:

Eurostat New Chronos

<http://europa.eu.int/comm/eurostat/structuralindicators>

europa.eu.int/comm/eurostat/

General Availability:

Reporting unit: monetary values

Reporting level: national

Reporting period: annually

Data available from 1980 onwards

Availability by country:

1980 - 2002: EU-15

1980 - 2002: Member States (EU-15)

The indicator:

Total amount of expenditures on research and development.

Description

Total expenditure on R&D (GERD) is composed of: Business enterprise expenditure in R&D (BERD), Higher Education expenditure in R&D (HERD), Government expenditure in R&D (GOVERD) and Private Non-profit expenditure in R&D (PNRD).

How is it measured?

Data for EEA and Candidate countries are collected through the Annual Eurostat R&D questionnaires. Data on GERD by source of funds for EEA countries and data for Japan and the US are provided to Eurostat by the OECD. (source: MSTI 2003/2)

What are the advantages of the indicator?

The indicator shows technological innovation and diffusion of new technologies.

The Indicator is relevant for the following pathways of the FORESIGHT FOR TRANSPORT exercise:

	Transport Impact	External Determining Variable	Intermediate Variable	Contextual Information
Technological innovation and diffusion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>