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This publication presents statistical data and indicators based on a number of data sources available at Eurostat (mainly related to science, technology, innovation and regions). It provides the reader with statistical information to appreciate the evolution and composition of science and technology (S&T) in Europe and its position with regard to its partners.

Responding to developments in the policy and scientific communities, Eurostat has now been long collecting S&T data. This publication may be viewed as a compendium of data available within Eurostat. However, it is by no means an exhaustive collection, rather it can be seen as a showcase for the main data sets that currently exist. Although most data in this publication originate from Eurostat, other databases relevant in the S&T field have also been exploited. This is the case of the OECD's Main Science and Technology Indicators (MSTI). The particular source of each indicator is specified for each table or graph.

The data focus is on the 25 European Union Member States and the Candidate Countries. However, so as to allow for international comparisons, data for Iceland, Liechtenstein, Norway, Switzerland, China, Japan and the United States are also considered when available.

This pocketbook is divided into nine chapters. The first four chapters present key R&D input and output indicators. R&D inputs are measured in terms of R&D expenditure (chapter 1), R&D personnel (chapter 2) and Government budget appropriations or outlays on R&D (or GBAORD, in chapter 4), whereas outputs are analyzed by means of statistics on patents (chapter 7) and high technology (chapter 8). Chapter three presents a brief regional overview of S&T, looking at the top European regions and at the best performing region of each country. Chapter 5 looks at the composition and evolution of human resources in S&T fields (HRST). Chapter 6 presents the main results of the Community Innovation Statistics 2002/2003. Finally, chapter 9 gives some general statistics concerning population, gross domestic product (GDP) and employment.

The last part of the pocketbook contains methodological notes (including definitions and abbreviations) for each of the statistical data sources used.

#### **NOTICE TO THE READER:**

*Tables and figures in this publication refer to the data on the Eurostat's database NewCronos at the time of writing (December 2005) except for the chapter on the background data (used to calculate derived indicators) for which the release date is August 2005. However, because NewCronos is regularly updated as and when new data are received, the data extractions made could subsequently differ from those available at the time of publishing.*