

ANNEX

Main OECD Databases Used

Databases of the OECD's Directorate for Science, Technology and Industry

AFA: The **Activities of Foreign Affiliates Database** presents detailed data on the performance of foreign affiliates in the **manufacturing** industry of OECD countries (inward and outward activity of multinationals). The data indicate the increasing importance of foreign affiliates in the economies of host countries, particularly in production, employment, value added, research and development, exports, wages and salaries. AFA contains 16 variables broken down by country of origin (inward investment) or location (outward investment) and by industrial sector (based on ISIC Revision 3) for 25 OECD countries and three OECD Accession countries (Estonia, Israel and Slovenia).

Publication: OECD, *Measuring Globalisation: Activities of Multinationals*, 2007 Edition. Vol. I: Manufacturing. Also available on CD-ROM and on line via SourceOECD (www.sourceoecd.org).

FATS: This database gives detailed data on the **activities of foreign affiliates** in the **services** sector of OECD countries (inward and outward activity of multinationals). The data indicate the increasing importance of foreign affiliates in the economies of host countries and of affiliates of national firms implanted abroad. FATS contains 14 variables broken down by country of origin (inward investment) or destination (outward investment) and by industrial sector (based on ISIC Revision 3) for 24 OECD countries.

Publication: OECD, *Measuring Globalisation: Activities of Multinationals*, 2007 Edition. Vol. II: Services.

STAN – Industry: The *STAN Database for Industrial Analysis* includes annual measures of output, labour input, investment and international trade by economic activity, which allow users to construct a wide range of indicators focused on areas such as productivity growth, competitiveness and general structural change. The industry list provides sufficient details to enable users to highlight high-technology sectors and is compatible with those used in related OECD databases in the “STAN” family (see below). STAN-Industry is primarily based on member countries’ annual National Accounts by activity tables and uses data from other sources, such as national industrial surveys/censuses, to estimate any missing detail. Since many of the data points in STAN are estimated, they do not represent the official member country submissions. See: www.oecd.org/sti/stan.

Publication: STAN-industry is available on line via SourceOECD (www.sourceoecd.org) where it is regularly updated (new tables are made available as soon as they are ready). A “snapshot” of STAN-industry is also available on CD-ROM together with the latest

versions of STAN – R&D (ANBERD), STAN – Bilateral Trade and a set of derived STAN Indicators. See www.oecd.org/sti/stan/indicators.

STAN – Bilateral Trade (BTD): This database presents detailed **trade flows** by manufacturing industry between OECD and several non-OECD declaring countries and a selection of 70 partner countries or zones. The data are derived from the OECD's *International Trade by Commodity Statistics (ITCS) Database* and are converted from product classification schemes to an activity classification scheme based on the ISIC Revision 3. BTD's industry list is compatible with those used in the OECD's STAN-Industry, Input-Output tables and ANBERD Databases. Data are presented in thousands of USD at current prices, and cover the period 1988-2008. See: www.oecd.org/sti/btd.

Publication: OECD (2007), *Bilateral Trade Database*, 2007. BTD is available on line via SourceOECD (under the STAN heading) as well as on the STAN family CD-ROM.

STAN – I-O: The latest set of OECD **Input-Output** tables consists of matrices of inter-industrial flows of transaction of goods and services (domestically produced and imported) in current prices for all OECD countries except Iceland and 13 non-member economies (OECD Accession and Enhanced Engagement countries plus Argentina, Chinese Taipei and Romania) covering the years 1995, 2000 and 2005 or nearest years. The tables are based on ISIC Revision 3 and can be accessed via OECD's data dissemination service OECD.Stat and as a suite of Excel files. See: www.oecd.org/sti/inputoutput.

R&D: The **R&D Database** contains the full results of the OECD surveys on **R&D expenditure and personnel**. This database serves, *inter alia*, as raw material for the MSTI Database.

Publication: OECD (2010), *Research and Development Statistics: 2009 Edition*. Also available on line via SourceOECD and on CD-ROM with the latest edition of *Main Science and Technology Indicators* as *OECD Science, Technology and R&D Statistics*.

MSTI: The **Main Science and Technology Indicators Database** provides a selection of the most frequently used annual data on the scientific and technological performance of OECD member countries and nine non-member economies (Argentina, China, Israel, Romania, the Russian Federation, Singapore, Slovenia, South Africa, Chinese Taipei). The indicators, expressed in the form of ratios, percentages, growth rates, cover resources devoted to R&D, patent families, technology balance of payments and international trade in highly R&D-intensive industries.

Publication: OECD (2010), *Main Science and Technology Indicators 2009/2*. Biannual. Also available on line via SourceOECD and on CD-ROM (see above).

Patent Database: This database covers data on patent applications to the European Patent Office (EPO), the US Patent and Trademark Office (USPTO), patent applications filed under the Patent Co-operation Treaty (PCT) that designate the EPO, as well as Triadic Patent Families. Data mainly derives from the EPO's *Worldwide Patent Statistical Database (PATSTAT)* which provides a harmonised and comparable set of information on patent applications taken in patent offices worldwide. See: www.oecd.org/sti/ipr-statistics.

The series are published on a regular basis in OECD, *Main Science and Technology Indicators* and are available via OECD's data dissemination service OECD.Stat.

TBP: The **TBP Database** presents information on the **technology balance of payments**. The database serves, *inter alia*, as raw material for the MSTI Database and publications.

Other OECD databases

Foreign Direct Investment:

- *International Direct Investment Database* (Directorate for Financial and Enterprise Affairs)

National Accounts:

- *Annual National Accounts of OECD Countries* (Statistics Directorate)
- *OECD Quarterly National Accounts Database* (Statistics Directorate)

Education:

Education Database (Directorate for Education)

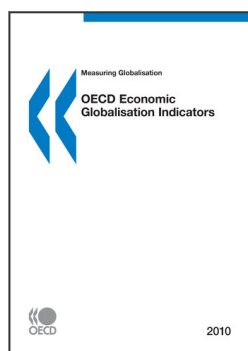
Trade:

- *International Trade by Commodity Statistics Database* (Statistics Directorate)
- *Monthly Statistics on International Trade Database* (Statistics Directorate)
- *Database on Trade in Services by Partner Country* (Statistics Directorate)
- *OECD Trade Indicators* (Statistics Directorate)

Economic Indicators:

- *Main Economic Indicators Database* (Statistics Directorate)

Further details on OECD statistics are available at: www.oecd.org/statistics.



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