

Education and Training Statistics

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Education

Purpose

To produce and publish indicators and analyses on the operation, evolution and impact of education, from early childhood through formal education to learning and training throughout life. The collected data cover the outputs of educational institutions, the policy levers that shape educational outputs, the human and financial resources invested in education, and structural characteristics of education systems. The main publications are the annual publications "Education at a Glance" and "Education Policy Analysis".

Objectives and outputs

Production of indicators on the financing of education, participation in and graduation from education, the educational attainment of the adult population, teacher salaries and work conditions, instruction time.

Consolidation of the technical documentation of the education data collection. Analysis of the organization of upper secondary education, development of a data strategy to collect information on teachers and teaching. Ongoing methodological work including: coverage study of public subsidies to households for education; expenditure comparability study; development of a new classification of educational personnel; conceptual framework for the measurement of knowledge and skills; development and implementation of an international survey of upper secondary schools; the development of an international module for the measurement of continuing education and training training;

Publications

Education at a Glance - 2003 edition

Engagement and motivation and student performance - results from PISA

School factors related to quality and equity - results from PISA

Social background and student performance - results from PISA

The organisation of upper secondary education in OECD countries

Web-based education database

World Education Indicators publication (jointly produced with UNESCO)

Databases

Education database

Main Developments for 2003

General aspects:

Integration of information on upper secondary schools. More detailed data on private education.
Better comparability of statistics on educational finance.

The activity will be reviewed in 2003 in the context of the "OECD Quality Framework".

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Programme for International Student Assessment

Purpose

The Programme for International Student Assessment (PISA) was created by the OECD member countries in 1997 to produce direct assessments of student performance, on a regular basis in an efficient, timely and cost-effective manner, to provide more relevant and powerful indicators of human capital. PISA produces assessments of reading literacy, mathematical literacy, scientific literacy and a growing range of cross-curricular competencies among 15-year-olds in school.

Objectives and outputs

Development and implementation of the 2003 assessment survey following international standards, including finalisation of the data collection instruments (assessment instruments and questionnaires), the main study manuals, the map relating items to the framework, training sessions, data verification and procedures, a report on survey and quality assurance procedures, and national reports for participating countries.

In addition, the following reports are foreseen for the period 2003-2004:

- A timely initial report that will communicate key findings and highlight important policy messages emerging from PISA.
- A data oriented report, published in electronic form that will provide access to the data and documentation underlying the initial report.
- A series of thematic reports that will use the outcomes of PISA to explore specific themes and analyse the implication of the results in a series of important policy-relevant areas. These reports will be directed at education policy advisers and policymakers as well as educational researchers. The reports' conclusions and the study's validity will be underpinned by advanced statistical analyses that will be documented in technical appendices.
- Ongoing dissemination products that will keep all stakeholders in PISA informed as PISA progresses and that include the PISA web site, a regularly updated PISA brochure and a PISA newsletter.
- Technical reports on methodologies and quality assurance mechanisms.

Publications

Web-based PISA database

Databases

PISA 2003 international database

Main Developments for 2003

General aspects:

The PISA 2003 will be launched and will cover reading, mathematics, science and problem solving as the content areas, with mathematics as the major domain. In addition, the design of the PISA 2006 will be commenced.

Analytical reports will be prepared in several areas on the basis of last results available.