
Abbreviations

AIDS	acquired immunodeficiency syndrome
AMT	advanced manufacturing technology
ANBERD	Analytical BERD (OECD database)
APE	average partial effect
ARRA	American Recovery and Reinvestment Act (2009)
ATP	Advanced Technology Program
AU	African Union
BACO	best available charitable option
BBC	British Broadcasting Corporation
BDI	Bundesverband der Deutschen Industrie
BERD	business enterprise expenditure on research and development
BMBF	Federal Ministry of Education and Research (Germany)
BRDIS	Business R&D and Innovation Survey (USA)
BRICS	Brazil, Russia, India, China and South Africa
CABE	Commission for Architecture and the Built Environment (UK)
CAD	computer aided design
CATI	computer assisted telephone interview
CBA	cost-benefit analysis
CCA	Council of Canadian Academies
CDM	Crépon, Duguet and Mairesse (model)
CEC	Commission for the European Communities
CIS	Community Innovation Survey
CMU	Carnegie Mellon University (CMU NISTEP Survey)
CO ₂	carbon dioxide
CPA	Consolidated Plan of Action (NEPAD)
CSTP	Committee for Scientific and Technological Policy (OECD)
CSTP	Council for Science and Technology Policy (Japan)
DALY	disability-adjusted life years
DG	Directorate-General
DNA	deoxyribonucleic acid
DOC	Department of Commerce (USA)
DSTI	Directorate for Science, Technology and Industry
EC	European Commission or European Community

ECE	Economic Commission for Europe
<i>ECR</i>	<i>European Competitiveness Report</i>
ECS	European Company Survey
EE	employee survey
EEA	European Economic Area
EET	emerging and enabling technologies
EFILWC	European Foundation for the Improvement of Living and Working Conditions
EIMS	European Innovation Monitoring System
EIS	European Innovation Scoreboard
EPO	European Patent Office
ER	employer survey
ESES	European Structure of Earnings Survey
EU	European Union
Eurostat	statistical office of the EU
FAQ	frequently asked question
FMM	Foresight Maturity Model
FOS	Fields of Science and Technology
FTE	full-time equivalent
FY	fiscal year
GBAORD	Government Budget Appropriations or Outlays on R&D
GCI	Global Competitiveness Index
<i>GCR</i>	<i>Global Competitiveness Report</i>
GDP	gross domestic product
GEM	Global Entrepreneurship Monitor
GERD	gross domestic expenditure on research and development
GII	Global Innovation Index (INSEAD)
GPRA	Government Performance and Results Act (1992)
GPT	general-purpose technology
GSM	Global System for Mobile communications
HERD	higher education expenditure on research and development
HIV	human immunodeficiency virus
HRDC	Human Resources Development Canada
HRM	human resource management
HRST	human resources for science and technology
ICT	information and communication technology
IERI	Institute for Economic Research on Innovation
IFO	Institut für Wirtschaftsforschung (Germany)
IIT	Illinois Institute of Technology (Research Institute)

ILO	International Labour Organization
IMF	International Monetary Fund
INSEAD	Institut Européen d'Administration des Affaires (France)
IP	intellectual property
IPC	International Patent Classification
IPR	intellectual property rights
IRAP	Industrial Research Assistance Program
IS	innovation strategy
ISCED	International Standard Classification of Education
ISCO	International Standard Classification of Occupations
ISIC	International Standard Industrial Classification
ISO	International Organization for Standardization
ISP	Internet service provider
ITIF	The Information Technology and Innovation Foundation (USA)
IUC	Innovation Union Competitiveness
IUS	Innovation Union Scoreboard
J-NIS	Japan-National Innovation Survey
KAM	knowledge assessment methodology
KAU	kind-of-activity unit
KBE	knowledge-based economy
KEI	Knowledge Economy Index
KI	Knowledge Index
KIBS	knowledge-intensive business sector
LEI	The Conference Board Leading Economic Index®
LKAU	local kind-of-activity unit
MDGs	Millennium Development Goals
MEADOW	Measuring the Dynamics of Organisations and Work
MEPIN	Measuring Public Innovation in the Nordic Countries
MERIT	Maastricht University's Economic Research Institute on Innovation and Technology (now: UNU-MERIT)
MEXT	Ministry of Education, Culture, Sports, Science and Technology (Japan)
MFP	multi-factor productivity
MIC	Ministry of Internal Affairs and Communications
MII	most important innovation
MIP	Mannheim Innovation Panel (ZEW)
MN	market novelty
NABS	nomenclature for the analysis of science budgets
NACE	Statistical Classification of Economic Activities in the European Community

NAICS	North American Industry Classification System
NAO	National Accounting Office
NCP	National Classification of Products
NCSES	National Center for Science and Engineering Statistics (USA)
NEPAD	New Partnership for Africa's Development
Nesta	National Endowment for Science, Technology and the Arts (UK)
NESTI	OECD Working Party of National Experts on Science and Technology Indicators
NGO	non-governmental organization
NIS	national innovation system
NISTEP	National Institute of Science and Technology Policy (Japan)
NOK	Norwegian krone
NPCA	NEPAD Planning and Co-ordinating Agency
NPM	new public management
NR	non-response
NRC	National Research Council (USA)
NRC-IRAP	National Research Council, Industrial Research Assistance Program (Canada)
NSF	National Science Foundation (USA)
NSO	national statistical office
NSO	Norwegian Statistical Office
OECD	Organisation for Economic Co-operation and Development
PATSTAT	Worldwide Patent Statistics Database
PC	process innovation
PD	product innovation
PEA	partial (marginal) effect at the average value
PISA	Programme for International Student Assessment
PPP	purchasing power parity
PROM	Patient Reported Outcome Measurement
PRSPs	Poverty Reduction Strategy Papers
PSU	primary sampling unit
QALYS	quality-adjusted life years
R&D	research and development
REDF	Roberts Enterprise Development Fund
RICYT	Ibero-American Network on Science and Technology Indicators
RNA	ribonucleic acid
S&T	science and technology

xvi *Abbreviations*

SAM	social accounting matrices
SciSIP	Science of Science and Innovation Policy
SEO	socioeconomic objectives
SIBS	Survey of Innovation and Business Strategy
SITRA	Finnish Innovation Fund
SME	small and medium-sized enterprises
SNA	system of national accounts
SPRU	Science and Technology Policy Research (University of Sussex, UK) (formerly Science Policy Research Unit)
SROI	social return on investment
STAN	Structural Analysis (database)
STBP	Science and Technology Basic Plan
STEM	Science, Technology, Engineering and Mathematics (jobs)
STI	science, technology and innovation
STIC	Science, Technology and Innovation Council (Canada)
SYTA	Sosiaalisen Yrityksen/Yhteisön Toiminnan Analysointiin (Finland)
TBP	technology balance of payments
TEKES	Finnish Funding Agency for Technology and Innovation
TEP	Technology Economy Programme (OECD)
TFP	Total Factor Productivity
TPP	technological product and process (innovation)
TQM	total quality management
TUT	Tshwane University of Technology
UK	United Kingdom
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNU-MERIT	United Nations University Maastricht Economic and social Research and training centre on Innovation and Technology, The Netherlands
WERS	Workplace Employment Relations Survey
WIPO	World Intellectual Property Organization
WPIA	Working Party of Industrial Analysis
WPIIS	Working Party on Indicators for the Information Society
ZEW	Centre for European Economic Research (Germany)