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Nota di contenuto	Measuring the Science and Engineering Enterprise -- Copyright -- Acknowledgements -- Contents -- Abbreviations in the Report -- Executive Summary -- SCOPE OF STUDY -- METHODS OF STUDY -- ENSURING RELEVANCE AND ESTABLISHING PRIORITIES -- Appropriateness of Concepts and their Measurement -- Data Analysis -- Data Comparability and Linkages -- Data Currency -- SRS as a Statistical Agency -- IMPROVING DATA RELEVANCE -- Graduate School and the Transition to Employment -- The Labor Market for Scientists and Engineers -- R&D Funding and Performance -- 1- Introduction -- SCOPE OF STUDY -- METHODS OF STUDY -- THE REPORT -- PART I-SRS AS A STATISTICAL AGENCY -- 2-History and

Assessment of SRS -- EVOLUTION OF SRS DATA PROGRAMS -- SRS
 DATA COLLECTION PROGRAMS -- Statistics on Science and Engineering
 Human Resources -- Research and Development Statistics -- Data
 Publication, Integration, and Analysis -- Data Publication -- Data
 Analysis -- Science and Engineering Indicators -- ASSESSING SRS --
 Operations and Resources -- Statistical Agency Practices -- Data
 Quality -- Professional Staff and External Expertise -- Data Relevance
 -- Data Linkages -- Data Analysis -- 3-Dimensions of Relevance --
 RELEVANCE OF DATA CONCEPTS -- SRS Data Users -- Use of SRS Data
 -- Substantial Room for Improvement -- Dialogue and Renewal --
 Organizing a Dialogue with Data Users and Policymakers -- Feedback
 through Outreach, Dissemination, and Customer Service --
 Opportunities in Analysis to Improve Data -- Using Feedback to Revise
 Data Collection and Acquisition -- DATA LINKAGES -- Integrating SRS
 Data Sets -- Coordination and Linking with External Agencies and
 Organizations -- DATA CURRENCY -- PART II-RELEVANT DATA FOR
 ISSUES IN SCIENCE AND ENGINEERING RESOURCES -- 4-Science and
 Engineering Human Resources -- GRADUATE EDUCATION OF
 SCIENTISTS AND ENGINEERS.
 Reports on Graduate Education -- Obtaining Improved Data on
 Graduate Education -- Financial Support for Graduate Students --
 Completion of Graduate School -- Graduate Education and Career Skills
 -- ISSUES IN THE SCIENCE AND ENGINEERING LABOR MARKET --
 Obtaining Improved Data on Science and Engineering Careers --
 Creating and Refining the Science and Engineers Statistical Data System
 (SESTAT) -- Transition to Employment for New Ph.D.s -- Career Paths
 of Scientists and Engineers -- Nonacademic Careers -- Work
 Arrangements, Field, and Occupation -- International Flows of
 Scientists and Engineers -- DATA USERS AND EXTERNAL RESEARCHERS
 -- 5-Research and Development Statistics: Funding, Performance, and
 Innovation -- THE CHANGING ORGANIZATION OF R&D -- D --
 R&D -- D in the Post-World War II Era -- U.S. R&D -- D Since
 1980 -- Industrial R&D and Innovation -- Federal R&D -- D
 Expenditures -- Academically-Performed R&D -- D -- DATA FOR
 RESEARCH AND INNOVATION POLICY -- Industrial R&D -- D
 Statistics -- Improving Data on R&D by Industry Group --
 R&D and Innovation -- Partnerships -- Allocating Federal
 Funds for Research and Development -- Priority Setting in Federal
 Science and Technology -- Interdisciplinary Research -- Federal
 Funding of Academic Facilities -- 6-Recommendations -- ENSURING
 RELEVANCE AND ESTABLISHING PRIORITIES -- Appropriateness of
 Concepts and their Measurement -- Data Analysis -- Data
 Comparability and Linkages -- Data Currency -- SRS as a Statistical
 Agency -- IMPROVING DATA RELEVANCE -- Graduate School and the
 Transition to Employment -- Graduate Education -- Transition to
 Employment -- The Labor Market for Scientists and Engineers --
 Career Paths of Scientists and Engineers -- International Flows of
 Scientists and Engineers -- R&D Funding and Performance --
 Industrial R&D Statistics.
 R&D and Innovation -- Partnerships and Alliances --
 Interdisciplinary Research -- Allocating Federal Resources for Science
 and Technology -- Academic Facilities -- References -- Appendix A
 Interview and Focus Group Guides -- Appendix B Workshop Agenda --
 Appendix C Surveying the Nation's Scientists and Engineers
 Recommendations -- Appendix D Alternative Sampling Frames For SRS
 Personnel Surveys -- ALTERNATIVE SAMPLING FRAMES FOR PERSONNEL
 SURVEYS -- The Problem -- The NSF Approach -- A Better Approach
 for the Future? -- Appendix E Biographical Sketches of Committee

Sommario/riassunto

The science and engineering enterprise has continued to evolve, responding over the last decade to increased economic globalization, a post-cold war military, federal budget fluctuations, and structural changes in the way science and engineering are conducted and innovations are adopted. This report suggests ways to revise the data collection activities of the Science Resources Studies Division (SRS) of the National Science Foundation to better capture the current realities of R&D funding and S&E human resources. The report (TM)s recommendations would improve the relevance of the data on graduate education, the labor market for scientists and engineers, and the funding and conduct of research and development, and thus better meet the data needs of policymakers, managers, and researchers.