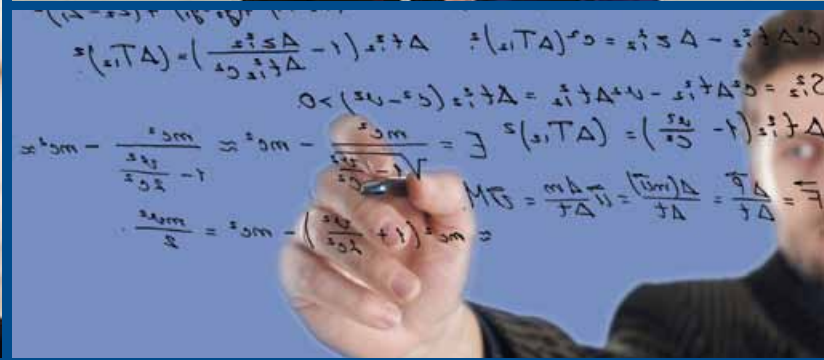


Social, Statistical, and Environmental Sciences



RTI International conducts research across the areas of health, education, global climate change and the environment, and social and economic policy. We develop objective information to meet the needs of government and private-sector clients around the world.

Our studies range from small, focused evaluations to large-scale longitudinal surveys and complex methodological research efforts. No matter the size, we produce high-quality data that can serve as the basis for sound policy, effective programs, and best commercial practice.

Public Health and Policy

Our experts in public health and policy research study the behaviors of organizations, communities, and individuals with an eye toward identifying effective approaches to improving public health. We evaluate health care policy to understand its impact on health care and health behaviors, and we conduct evidence-based practice and comparative effectiveness studies of treatments to improve patient outcomes and quality of life.

Our work spans several complex issues faced by public health policy makers:

- Health care quality
- Community health promotion
- Food, nutrition, and agricultural policy
- Aging, disability, and long-term care.

Health Behaviors

Our researchers develop objective information about health behaviors that greatly affect the cost of health care and the development and implementation of health interventions. Our research supports sound decision making not only by federal and state health care programs but also by insurers, employers, and individuals.

Focus Areas in Health Behavior Research

- Substance abuse
- Mental health
- Family violence
- HIV/AIDS and other STDs
- Tobacco use
- Obesity
- Diabetes
- Cardiovascular health

Health Economics

Our health economists study the underlying causes of the high cost of health care and whether health care can be improved through better resource allocation and financial management. Paying particular attention to the role of financial incentives in health care, we analyze costs, financial outcomes, quality, and efficiency. Our researchers design, implement, and evaluate payment methods as well as analyze the choices and decisions of individuals and the behavior of health care professionals and institutions.

Health Information Technology

We are working to advance the safe, effective, and efficient use of health information technology (health IT) to improve patient and population health both in the United States and worldwide. As leaders in health IT research, we are committed to quality policy analysis and implementation, patient-centered tools, and system and outcome evaluations that promote better health care while reducing unnecessary costs.

Epidemiology and Special Populations

Our health research in populations includes special and vulnerable groups as well as broader-based epidemiologies of disease. We have extensive experience in survey and registry work as well as complex multisite epidemiological studies—domestic and international.

We evaluate programs designed to help populations who bear a disproportionate burden of disease and injury or who face social, economic, or institutional barriers to accessing health care services.

Expertise in Special Populations

- Military
- Women and children
- People at risk for or living with HIV
- Welfare recipients
- Urban poor





Education

As part of RTI's comprehensive education research and evaluation program, our experts conduct rigorous studies of

- Early childhood development
- Elementary, secondary, and postsecondary education
- Employment programs in the United States and many other countries.

Focus Areas in Education Research

- School readiness
- Parent and family involvement
- Literacy and numeracy
- School health programs
- Violence, drug prevention, and school safety
- College preparation
- Education financing and assistance
- Vocational rehabilitation

Our studies address real-world problems, with a view to informing public policy and improving educational opportunities and experiences for children and adults.

Survey Research

We design and conduct surveys that deliver high-quality data. Our survey research services include study design, instrument development and evaluation, pretests and pilot studies, mail surveys, telephone surveys, face-to-face field surveys, Web surveys, records abstraction, collection of biological specimens, mixed-mode surveys, subject tracing, focus groups, and health registries.

With a staff of highly skilled researchers using advanced data collection systems and techniques, we offer broad-based survey services for public- and private-sector studies.

Statistics Research

For more than 50 years, statistics research has been one of RTI's primary specialties. Our statisticians, epidemiologists, and biostatisticians conduct complex statistical analyses to support wide-ranging research programs in both laboratory and social sciences.

Our statistical experts ensure the quality, validity, and reliability of our research products and results by applying quality control and assurance procedures from sampling design through data collection and analysis.

Economic and Social Policy Research

Our experts provide information and analyses across a range of economic and social policy issues, including technology economics and crime and justice.

We study the impact of technology programs on economics, public health, and the environment. We evaluate the impact of new technologies on industry and society, provide rigorous technical and cost comparisons of alternative technologies, and estimate the benefits and costs of technology R&D and technology-based programs.

We conduct, develop, implement, and evaluate programs that address criminal and delinquent behavior, corrections, juvenile justice, terrorism, and prevention. We also conduct cybersecurity research to identify vulnerabilities and guide policy and strategy development to reduce threats and mitigate risk.



Global Climate Change and Environmental Sciences

RTI is a leading provider of research and technical services for the U.S. Environmental Protection Agency, other federal and state agencies, and governments abroad. We conduct large-scale environmental management projects to support critical policy and regulatory decisions.

We also support environmental permitting, compliance, and management projects on behalf of clients in numerous industries, including

- Commercial agriculture
- Electrical power utilities
- Forest products
- Metals
- Mineral products
- Petroleum refining.

Expertise in Environmental Science

- Air and water quality
- Waste management
- Climate change
- Risk assessment
- Measurement and monitoring
- Geospatial analysis, information systems, and modeling
- Site assessment, remediation, and redevelopment
- Sustainability
- Environmental and natural resource economics

More Information

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RTI International is one of the world's leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 2,800 provides research and technical services to governments and businesses in more than 40 countries in the areas of health and pharmaceuticals, education and training, surveys and statistics, advanced technology, international development, economic and social policy, energy and the environment, and laboratory testing and chemical analysis. For more information, visit www.rti.org.

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