Data Analysis for System Improvement

The National Council on Crime and Delinquency (NCCD) works with child welfare, juvenile justice, adult criminal justice, education, and adult protective service agencies to help them use their data in support of broad system improvement efforts. Our analysts go beyond the numbers to work collaboratively with agency decision makers and staff, helping to improve long-term outcomes including safety and well-being.

Why Do We Need Data Analysis?
Data can tell us about what we are doing, how well we are doing it, the impact we are making, and opportunities for system improvement. NCCD’s data analysis services focus on actionable, useful results that can help guide an agency to more effectively serve the people who come into contact with it.

How Does Data Analysis Work?
NCCD helps our clients answer their questions with the data they already have. We create practical analyses that respond to agency needs. Our analysts also provide technical assistance and consulting to support ongoing accountability and quality improvement processes, illuminate agency decision structures and service populations, and improve practice to achieve strategic goals.

Data Analysis Services
We use powerful data and analytics tools, along with expert knowledge, to develop key practice insights that can be leveraged into better outcomes for children, youth, families, and adults. Our training, technical assistance, and manage-by-data consulting services include the following.

- SafeMeasures*: User-friendly, web-based, near real-time agency data monitoring to support day-to-day practice
- Routine management reports: Information for managers to assess current practice and support implementation fidelity

NCCD promotes just and equitable social systems for individuals, families, and communities through research, public policy, and practice.

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• Ad hoc analytics reports: On-demand, customized reports to answer specific questions posed by funders and administrators

• Decision-support and classification assessments: Data-driven development, implementation, and evaluation of assessments that identify who to serve and how to target resources to the clients that most need them

• Predictive analytics: Data insights into better decisions, appropriate services, and better outcomes

• Workload analysis: Prescriptive studies, analysis, and tools for budgeting and resource allocation

• Forecasting: Population estimates of system clients for budgeting and resource allocation

• Data integration: Consulting on data sharing and system integration strategies

For more information about data analysis for system improvement, contact Dr. Jesse Russell, Director of Research–Madison, at jrussell@nccdglobal.org or (800) 306-6223.