

Data Quality | Child Welfare

Build child welfare data you can depend on

Find and resolve data quality problems faster, and strengthen readiness for reporting, analytics, modernization, and AI.

The next generation of child welfare technology depends on data people can trust. Child welfare agencies rely on data to manage operations, understand safety and permanency, meet reporting requirements, and increasingly support analytics, automation, and AI-enabled tools. When data are incomplete or inconsistent, staff spend scarce time reconciling information, and emerging technologies can produce outputs people cannot confidently use.

Turn data quality into a continuous capability

Imersis® is a system-agnostic software-as-a-service platform that works alongside Comprehensive Child Welfare Information System (CCWIS) and other data systems to give agencies a consistent, repeatable way to find, diagnose, test, and monitor data quality problems.

- **Find and resolve problems faster.** Pinpoint quality issues and trace them to the underlying records and processes that need attention.
- **Know whether a fix worked.** Test changes before production, and identify unintended effects.
- **Build data quality into operations.** Monitor data consistently rather than relying on periodic cleanup and manual reconciliation.
- **Strengthen readiness for what comes next.** Give analytics, modernization, automation, and AI a more dependable data foundation.
- **Make governance actionable.** Translate data standards and business rules into repeatable checks, testing, and monitoring.
- **Strengthen reporting and compliance.** Support AFCARS, NCANDS, NYTD, Title IV-E, CCWIS reviews, and state requirements.

More than a data quality tool

Mathematica combines Imersis with deep child welfare practice, policy, data, analytics, and implementation expertise. We help agencies translate data quality priorities into rules and measures, interpret findings, and establish processes that turn identified problems into sustained improvement.

Why it matters now

- **Trustworthy data are foundational.** AI, analytics, dashboards, and automation are only as dependable as the data behind them.
- **Resolve the source, not just the symptom.** Imersis helps agencies move from "Do we have a data quality problem?" to "Where is it coming from, what should we fix, and did it work?"
- **Operationalize governance.** Governance sets expectations; Imersis helps put them into practice through repeatable quality checks, diagnostics, testing, and monitoring.

Proven technology, adapted for child welfare

Imersis is built on a proven Medicaid data quality model. It executes more than 1,000 quality metrics and business validation rules, processes submissions within 24 hours, provides record-level exception detail and comparisons over time, and gives states a sandbox to test changes before production.

Imersis brings the strengths of this proven data quality model to child welfare, adapting it for child welfare data, to assist agencies with CCWIS, federal and state reporting requirements, and other agency data quality priorities. With high-quality data, child welfare agency leaders and staff have access to trusted data they can confidently use to inform decisions and better meet the needs of children and families.

Contact us to explore how you can spend less time reconciling data and more time using it:

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For more information, visit Mathematica.org/Solutions/Imersis