EMSC
Emergency Medical Services for Children

EMSC DATA CENTER

Uncovering Data to Inform Change

Key Highlights

State Partnership Support

Manages assessments and surveys of more than 15,000 EMS agencies and 5,000 EDs

Achieves 50–80% survey response rates

20 peer–reviewed articles authored or co–authored about EMSC–related data

PECARN Support

Supported the design, development, and implementation of more than 50 clinical studies

Facilitated study enrollment and data collection for 150,000+ children

250+ peer–reviewed articles authored, co–authored, or supported

About

The EMSC Data Center (EDC) supports and coordinates data collection, analysis, and visualization needs across the EMSC Program. Its work creates a foundation of evidence for program activities and guides national–, state–, and local–level improvements in pediatric emergency care.

Structure

Located at the University of Utah, the EDC has two key functions:

1. **State Partnership grantee data collection and analysis:** Since 1995, the EDC has assisted EMSC grantees in collecting, analyzing, and utilizing performance measure and other data. It is also the data coordinating center for national assessments of pediatric readiness of emergency departments (EDs) and emergency medical services (EMS) agencies.

2. **Support for PECARN:** Since 2002, the EDC has served as a central resource for the Pediatric Emergency Care Applied Research Network (PECARN), assisting with clinical data collection and management, quality assurance, statistical analysis, and other activities related to network operations.

What Makes the EDC Unique

The EDC's team of experts has specialized in pediatric emergency data for three decades. For PECARN, the EDC offers comprehensive research support for multi–center randomized clinical trials and observational studies. For State Partnership grantees, it focuses on data collection, analysis, visualization, and dissemination. The data has been used to show high pediatric readiness is associated with improved patient outcomes.

Learn more at emscdatacenter.org