



VERSION 6.1: DATA QUALITY AND CLEANING

Telling Stories to Save Lives

JUNE 2024 OFFICE HOURS

The National Center could not support CDR and FIMR teams without dedicated funding from:

- Maternal and Child Health Bureau at the Health Resources and Services Administration
- Division of Reproductive Health at the Centers for Disease Control and Prevention
- National Network of Public Health Institutes
- American Academy of Pediatrics
- Casey Family Programs



Key Funding Partners

This presentation's contents are solely the responsibility of the authors and should not be construed as the official position or policy of, nor should any endorsements be inferred by HRSA, HHS or the U.S. Government.

- U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau as part of cooperative agreement UG7MC28482 totaling \$5,149,996 annually with 0 percent financed with non-governmental sources.
- U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), Division of Reproductive Health, as part of contract #75D30123C16275_00001 totaling \$1,100,000.
- National Network of Public Health Institutes as part of cooperative agreements No 5 NU38OT000303-04-00, CFDA 93.24 and Sections 317(k)(2) and 3007 of the Public Health Service Act from the CDC.
- The American Academy of Pediatrics as part of cooperative agreement UF745730 from HRSA totaling \$500,000.



ICEBREAKER

Please Put in the Chat

What state are you from and what is your favorite ice cream flavor?

WHAT TO EXPECT TODAY

Data quality is critical to ensuring the usefulness of the data for informing prevention and system improvements.



DATA QUALITY



What are the different components?



DATA CLEANING



The process of reviewing case information to make it ready for analysis.



VERSION 6.1 OF NFR-CRS



The next software update is focused on improving data quality.



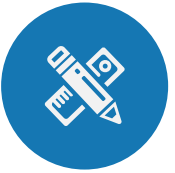
Completeness

The extent to which the expected data elements are answered/data are entered and not missing.



Consistency

The uniformity and agreement of data elements across and within cases.



Accuracy

The extent to which the entered data reflect the known facts about the child, family, and circumstances surrounding the death.



Timeliness

The extent to which the data are up to date.



DATA QUALITY



Data Cleaning

Just like house cleaning, it can sometimes feel like it's never done!

Data cleaning is the process of fixing incorrect information, removing duplicated information, and completing to the extent possible missing values.

Data cleaning is critical to ensuring that information can be used for making informed prevention strategies.

Tips for Data Cleaning

Specific to the NFR-CRS

- Minimize missing and unknown information
 - CDC for SUID and SDY Case Registry has goal of <10% unknown and 0% missing for CDC priority variables
- Minimal use of the “Other” specify field
- Best use of the Narrative field (Section O1):
 - Does not include any identifying information
 - Contains information that could not be captured elsewhere
- Data is consistent across questions
- Data is entered within 30 days of review meeting
- A second person has reviewed the data entry
- Data entry complete checkbox was ticked in Section P



Version 6.1 Upgrade

Focus on Data Quality

Very brief sneak peak at the latest software release of the NFR-CRS!

- Developed more than 40 consistency checks for users who enter data
- Created a new data quality review section on priority variables for users who input data
- Automated a data quality report on priority variables





OPEN DISCUSSION

How can we help you today?

Upcoming Webinar

From the National Center

***Features to Improve Data Quality: National
Fatality Review-Case Reporting System
Version 6.1***

Wednesday July 10, 2024
3:00-4:00 PM ET

Version 6.1 of the National Fatality Review-Case Reporting System offers new features to improve data quality. This webinar will highlight the major changes and demonstrate these new features.

[Register here.](#)



Visit ncfrp.org/center-resources/office-hours/ to register and view past sessions!

Date	Topic
7/16/2024	Tribal Participation in Fatality Review
8/20/2024	Working with Small Numbers
9/17/2024	Involving Family and Those with Lived Experience in Fatality Review
10/15/2024	Accessing Records
11/19/2024	Best Practices in Self Care
12/17/2024	Sharing Your Data: Writing Abstracts and Proposals

Upcoming topics may be subject to change.



National Center Office Hours

2024



CONTACT INFORMATION



2395 Jolly Rd., Suite 120
Okemos, MI 48864



Phone: 800-656-2434



info@ncfrp.com



www.ncfrp.org