

The Society of Thoracic Surgeons

Adult Cardiac Surgery Database
Monthly Webinar
Getting Your Data Ready for Harvest

May 7, 2025



STS National Database™
Trusted. Transformed. Real-Time.

Agenda

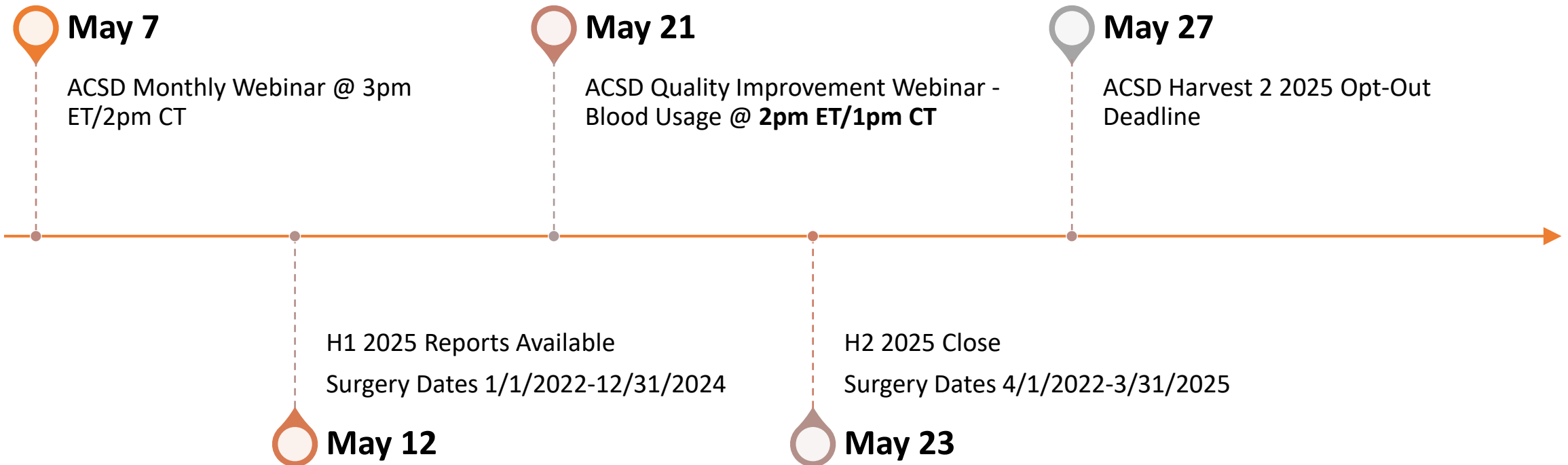
Welcome and Introductions

Important Dates

STS Updates

Getting Your Data Ready for Harvest

Important Dates



Harvest Dates 2025

Term	Harvest Submission Window Close	Opt-Out Date	Includes Procedures Performed Through:	Report Posting	Comments
Harvest 1	2/21/2025	2/25/2025	12/31/2024	Spring 2025	Star Rating
Harvest 2	5/23/2025	5/27/2025	3/31/2025	Summer 2025	
Harvest 3	8/22/2025	8/26/2025	6/30/2025	Fall 2025	Star Rating
Harvest 4	11/21/2025	11/25/2025	9/30/2025	Winter 2025	
Analysis for each harvest is based on a 36-month window.					
Data Submission Open is continuous for all harvest terms. Submission Close occurs at 11:59 p.m. Eastern on the date listed.					



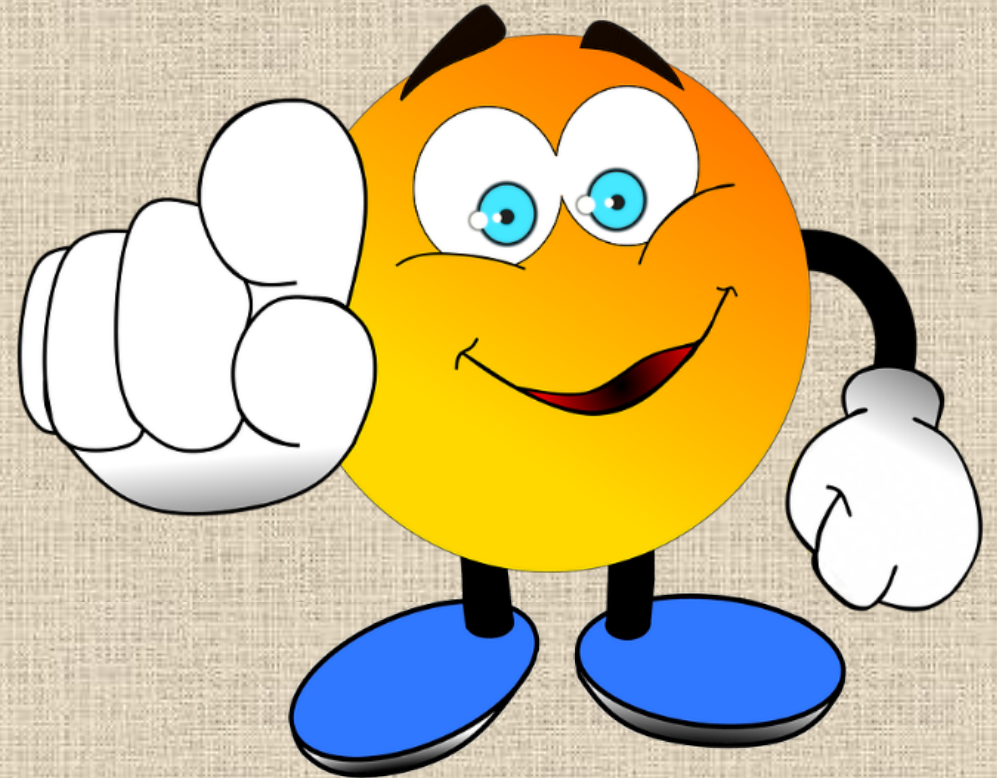
Harvest 1 2025 Reports Available May 12th

- Multiprocedural Composite
 - Executive Summary
 - Risk Adjusted Dashboard-Quality Ratings, Quality Rating Details and Risk Adjusted Regional Outcomes
- Benchmark Report
 - CVA added to the Comorbidities Tab
 - Initial Ventilation Hours updated to include patients extubated in the OR
 - New Onset Atrial Fibrillation updated to exclude patients with history of atrial fibrillation
- Participant Dashboard
 - Multiprocedural tab will be changed back to “All”



QI Series

- Our next quality webinar is May 21st 2pm ET/ 1pm CT
- We need presenters and we want to hear from YOU!



STS Updates

The following documents have been updated:

- May Training Manual
- National Report Analyses Overview



AQO 2025

- Intermacs and Pedimacs Session: Tuesday, September 23rd VIRTUAL
- CHSD and GTSD Sessions: Thursday, September 25th
- ACSD Session: Friday, September 26th
- Grand Hyatt San Antonio Riverwalk
- Both In Person (ACSD, CHSD, GTSD) and Virtual options (all databases) will be available
- Cost information will be shared as soon as it's available

[Home](#) > [Calendar of Events](#) > 2025 Advances in Quality & Outcomes: A Data Managers Meeting

Event

2025 Advances in Quality & Outcomes: A Data Managers Meeting

Discussions on valuable research and important clinical findings with the goal of improving data collection and patient outcomes.



 Date(s)
Sep 25—26, 2025

 Location
San Antonio, TX

 Audience
Allied Health
Data Manager



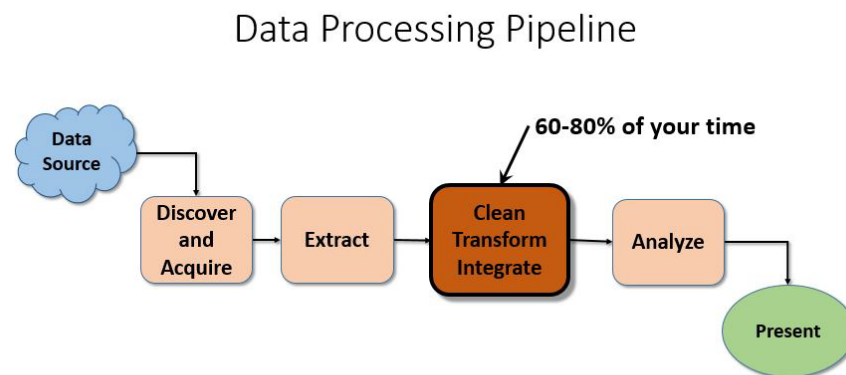
Networking Opportunities

- STS Data Managers Facebook Group
 - At last check up to 490 Members!
- STS Data Manager Collaborative
 - Formerly the Data Manager Mentorship Program, pairs data managers who are seeking advice related to data abstraction.
- STS Regional Groups
 - Offers a collaborative networking environment for peer-to-peer support and non-clinical guidance related to abstraction across specific regions.



Getting Your Data Ready for Harvest

- “Cleaning up your data” is an important step in the flow of data to assure accurate analysis
- Involves resolving critical errors, missing data, and inconsistencies
- “Submit early and often”



Martin Magdinier, RefinePro

Getting Your Data Ready for Harvest

- Uploader/Data Quality Report
- Executive Summary
- Participant Dashboard
- Missing Variable Report
- Harvest Summary Report

Welcome,
Nancy Honeycutt

Currently Viewing
Adult Cardiac Surgery Database

Switch Current View

DASHBOARD

Community Page

PLATFORM

Upload

Form Management

Notifications 14

ANALYTICS

Operational Reports

RESOURCES

Library

Risk Calculator

Community Page

Star Rating

Domain	Harvest 3 2024 Rating	Harvest 1 2024 Rating	Harvest 3 2023 Rating	Harvest 1 2023 Rating	Harvest 3 2022 Rating	Harvest 1 2022 Rating
CABG Overall	★★★	★★★	★★★	★★★	★★★	★★★
AVR Overall	★★	★★	★★	★★	★★	★★
AVR+CABG Overall	★★	★★	★★	★★	★★	★★
MVRR Overall	★★	★★	★★	★★	★★	★★
MVRR+CABG Overall	★★	★★	★★	★★	★★	★★

★

Worse than Expected. Participant's performance is significantly worse than expected for their specific case-mix.

★★

As Expected. Participant's performance is not statistically different than expected for their specific case-mix.

★★★

Better than Expected. Participant's performance is significantly better than expected for their specific case-mix.
Note: Each participant's composite score and star rating are an estimate of their performance for their specific case-mix (e.g., patient acuity and severity) compared with overall, national STS outcomes for a similar mix of patients. Because a participant's composite score and star rating apply only to their case-mix, they cannot be directly compared with the composite score and star rating of another participant with a different case-mix.
Star ratings for previous time periods reflect the results obtained at that time.

Operational Reports

ACSD Reports

Missing Variable Report

This report identifies important field-specific data quality issues that affect the completeness of your harvest and may impact analysis and reporting of your data in the National Report. The data version, surgery year, short name and field name are shown for each issue to help you target and prioritize your data review and clean-up activity. Information on missing data is only reported for variables used in reports or risk-adjustment models.

Harvest Summary Report

This report will allow users to see the current status of system validations on all active records saved in the database based on the identified surgery data range entered.

ACSD Participant Dashboard Report

This participant dashboard report will display NON-ANALYZED data results

ACSD Risk Adjusted Dashboard Report






The electronic ACSD Risk-Adjusted Report includes analyzed harvest data results in place of the previous harvest reports provided as PDF to participants. This report allows participants to compare their risk-adjusted performance to that of similar participants (Like Group) and against the STS overall for the same time period along with some unadjusted Regional Outcomes.

Longitudinal Outcomes Dashboard – Risk Adjusted

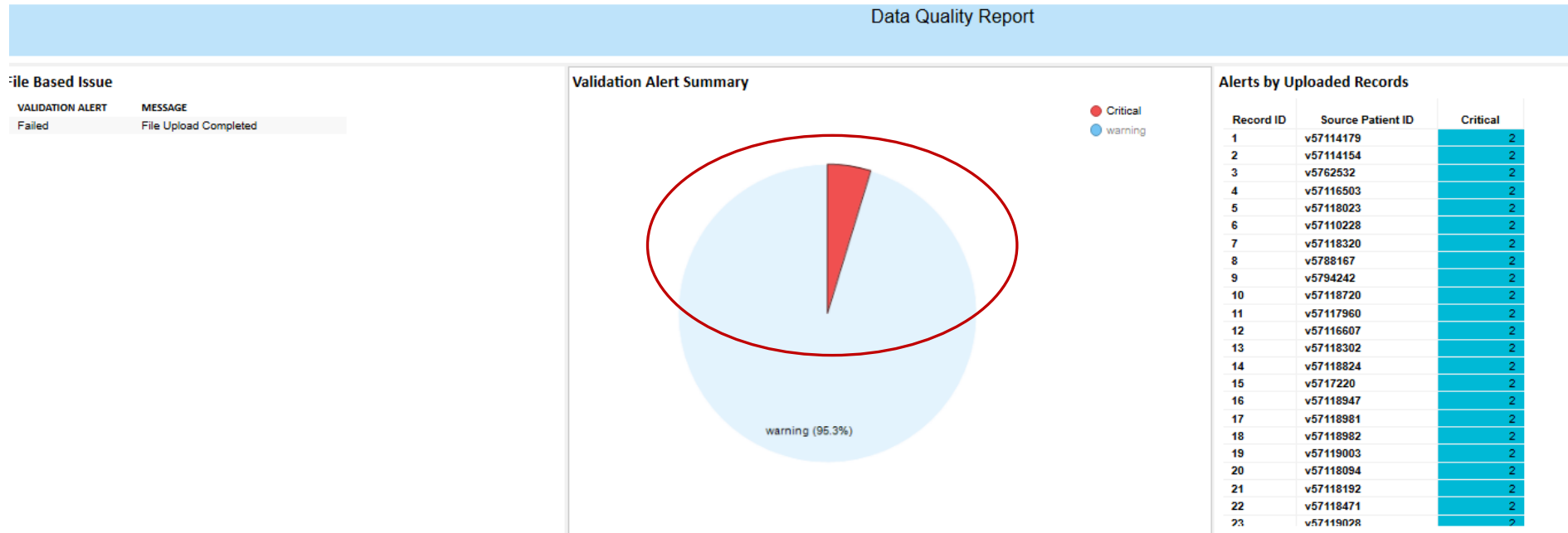
The ACSD Longitudinal Outcomes Dashboard provides users with the ability to display their own site's observed (O), expected (E), O/E, and risk adjusted rates for all operative major morbidity and mortality outcomes, longitudinally over time and benchmarked to the STS-wide data. The cumulative longitudinal dataset option is updated after Harvest 1 and 3 analysis resulting in an increasing number of cases and the longest time period available for display. The 3-year Harvest periods corresponding to the risk adjusted reports will also be available to select, visualize and drilldown by users.
The dashboard includes a number of intuitive filters to allow users to 1) select specific type of cardiac procedure, 2) define the data aggregation time frame (calendar year or quarter), and 3) drill down to i) specific demographic sub-cohorts (e.g., gender, age group) or ii) surgical parameters (e.g., priority, reoperation).



Data Quality Report

	<p>Case Forms Upload ID: 229357 Facility: [REDACTED] Processing Status: File Upload Completed File Name: [REDACTED]02311091136.dat Restricted Uploader User Name: [REDACTED]</p>	 217/217 View Reports
	<p>Case Forms Upload ID: 226740 Facility: [REDACTED] Processing Status: File Upload Completed File Name: [REDACTED]02311020744.dat Restricted Uploader User Name: [REDACTED]</p>	  1628/1669 View Reports

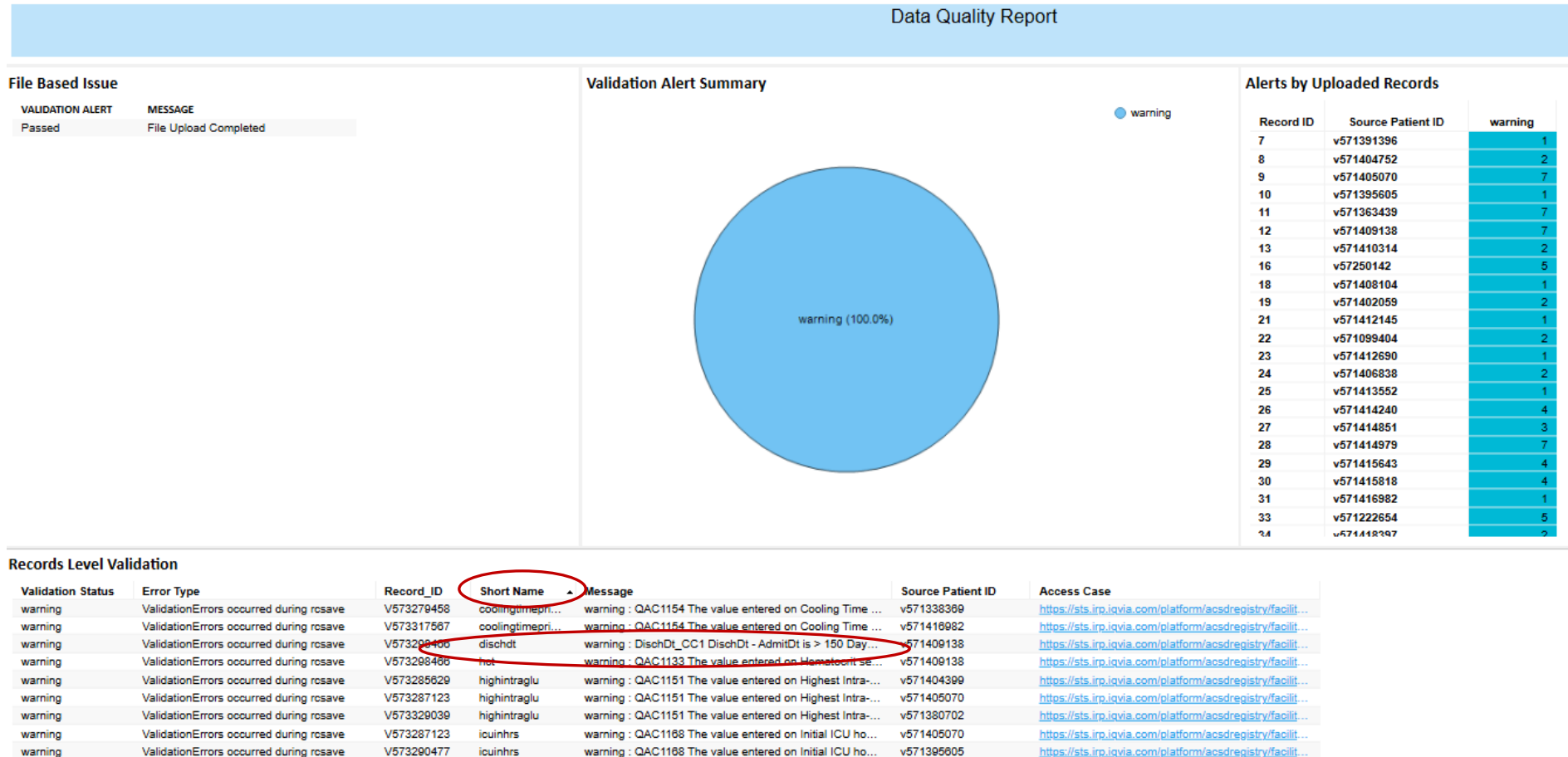
Data Quality Report



Records Level Validation

Validation Status	Error Type	Record_ID	Short Name	Message	Source Patient ID	Access Case
Critical	Warning/Error occurred while rsave	V57185433		Cannot save form with Critical error(s)	v57114179	
Critical	ValidationErrors occurred during rsave	V57185433	particid	critical : QAC023 Participant ID does not match.	v57114179	
Critical	Warning/Error occurred while rsave	V57188442		Cannot save form with Critical error(s)	v57114154	
Critical	ValidationErrors occurred during rsave	V57188442	particid	critical : QAC023 Participant ID does not match.	v57114154	
Critical	Warning/Error occurred while rsave	V57189433		Cannot save form with Critical error(s)	v5762532	
Critical	ValidationErrors occurred during rsave	V57189433	particid	critical : QAC023 Participant ID does not match.	v5762532	
Critical	Warning/Error occurred while rsave	V57190591		Cannot save form with Critical error(s)	v57116503	
Critical	ValidationErrors occurred during rsave	V57190591	particid	critical : QAC023 Participant ID does not match.	v57116503	
Critical	Warning/Error occurred while rsave	V57194017		Cannot save form with Critical error(s)	v57118023	
Critical	ValidationErrors occurred during rsave	V57194017	particid	critical : QAC023 Participant ID does not match.	v57118023	

Data Quality Report





Open Discussion

Please use the
raise-hand
function.

Please use the
Q&A Function.

We will answer as
many questions as
possible.

We encourage
your feedback and
want to hear from
you!

Contact Information

- Carole Krohn, Director, STS National Database
 - ckrohn@sts.org
- Nancy Honeycutt, STS National Database Manager, ACSD, Intermacs/Pedimacs
 - nhoneycutt@sts.org
- STSDb@sts.org
 - Database Operational Questions (Billing, Contracts, Contacts)
- STSDb_Helpdesk@sts.org
 - IQVIA/Database Platform Questions (Uploader, DQR, Missing Variable, Dashboard, Password and Login)
- STSDb-FAQ@sts.org
 - Clinical Questions



Thank You for Joining!

Reminder: Our next ACSD
Webinar will be held on Tuesday,
May 21, 2025 at 2pm ET/1pm CT.

