

The Society of Thoracic Surgeons

Adult Cardiac Surgery Database

Monthly Webinar/Quality Improvement Series

October 15, 2025



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

Agenda

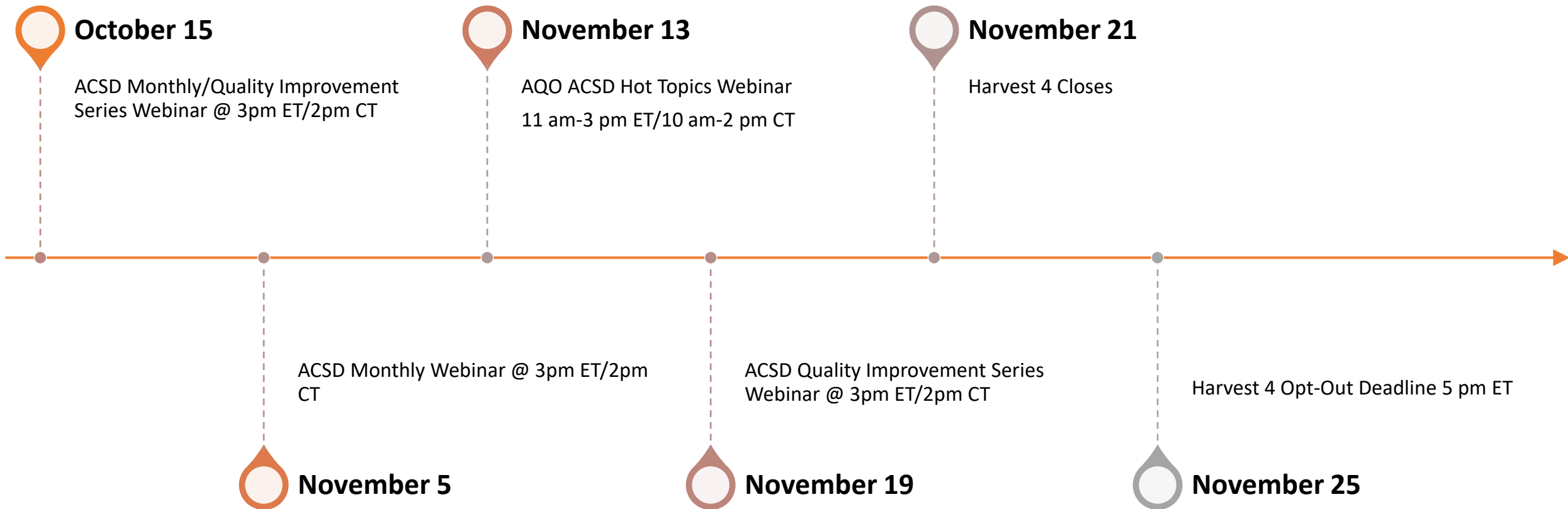
Welcome and Introductions

STS Updates

Open Forum

Q&A

Important Dates-Timeline



AQO 2026 – New Orleans

- September 23 – 25, 2026
- ACSD Session will be held Sept. 24th and 25th
 - Thursday – full day of content
 - Friday – Breakout Sessions 8am -11am



Virtual Pass Still Available!

- [Purchase Virtual Pass](#)
- Last day to purchase is November 21st

[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.

[Register for Virtual Pass](#)

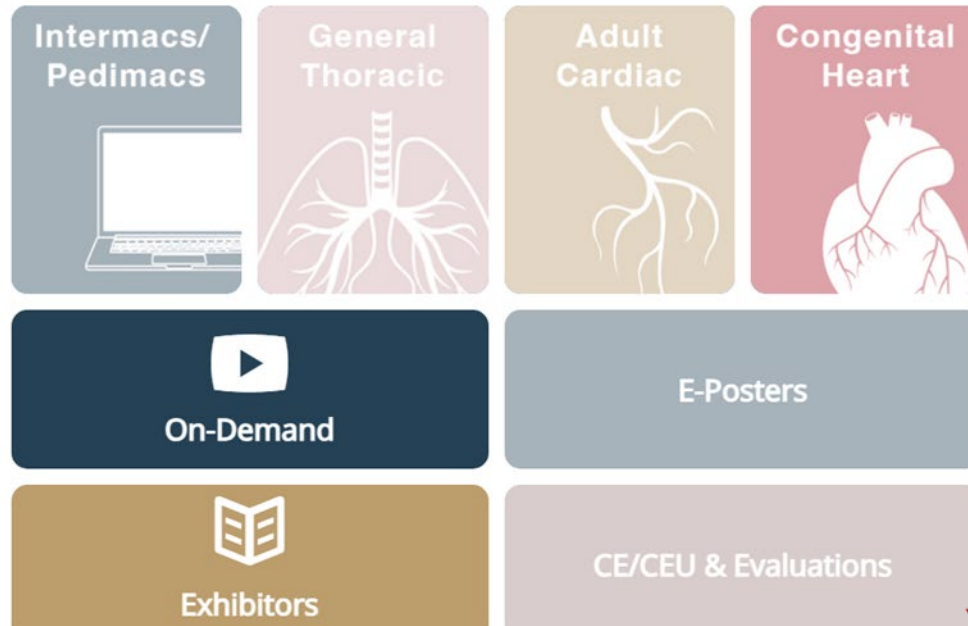


Post AQO - Content Availability

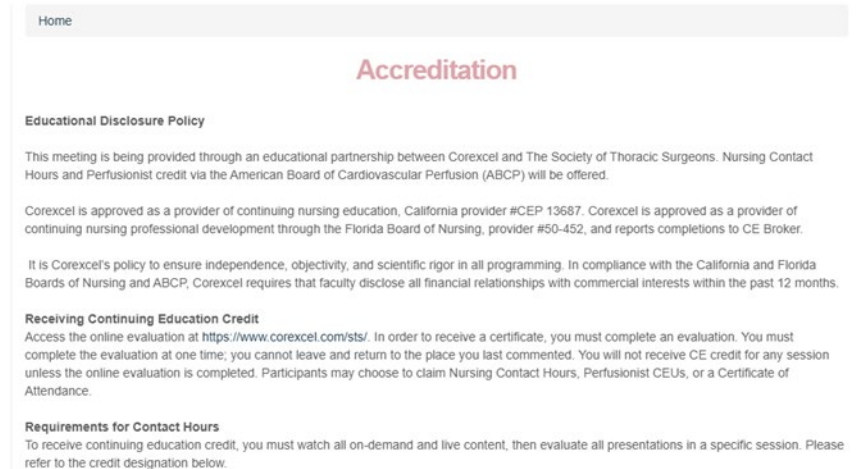
- Recordings of the live sessions are available now and will remain on the virtual platform until mid-December
 - [AQO Meeting Platform](#)
- Content will then move to the STS Learning Center
- Attendees will have access to all PowerPoint slides, Handouts, Case Scenarios and videos until AQO 2026!

CE/CEU Evaluations

My Schedule
Welcome
Agenda
People
Resources and Forms
About STS
Accreditation



My Schedule
Welcome
Agenda
People
Resources and Forms
About STS
Accreditation



- Don't forget to view all on-demand content and live content prior to completing your evaluations.
- You must complete the evaluation at one time; you cannot leave and return to the place you last commented.
- **Deadline to claim credit is Friday, December 26, 2025.**

AQO ACSD Hot Topics Webinar

- The AQO Hot Topics Webinar is planned for November 13th 10amCT – 2pmCT.
- We will bring back select speakers and provide additional opportunities for Q & A.
- A webinar link will be sent via email.



Important Dates-2025 Harvest

2025 Harvest

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.

****2026 Harvest Schedule Coming Soon!!**

Data Submission Open is continuous for all harvest terms. Submission Close occurs at 11:59 p.m. Eastern on the date listed.

Harvest Opt-Out closes at 5:00 p.m. Eastern on the date listed.



STS Updates

Domain	Harvest 3 2025 Rating Jul 2022-Jun 2025	Harvest 1 2025 Rating Jan 2022-Dec 2024	Harvest 3 2024 Rating Jul 2021-Jun 2024	Harvest 1 2024 Rating Jan 2021-Dec 2023	Harvest 3 2023 Rating Jul 2020-Jun 2023	Harvest 1 2023 Rating Jan 2020-Dec 2022
CABG Overall	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
AVR Overall	★★★★	★★	★★	★★	★★	★★
AVR+CABG Overall	★★	★★	★★	★★	★★	★★
MVRR Overall	★★	★★	★★	★★	★★	★★
MVRR+CABG Overall	★★	★★	★★	★★	★★	★★
Multiprocedural Overall	★★★★	★★★★	-	-	-	-

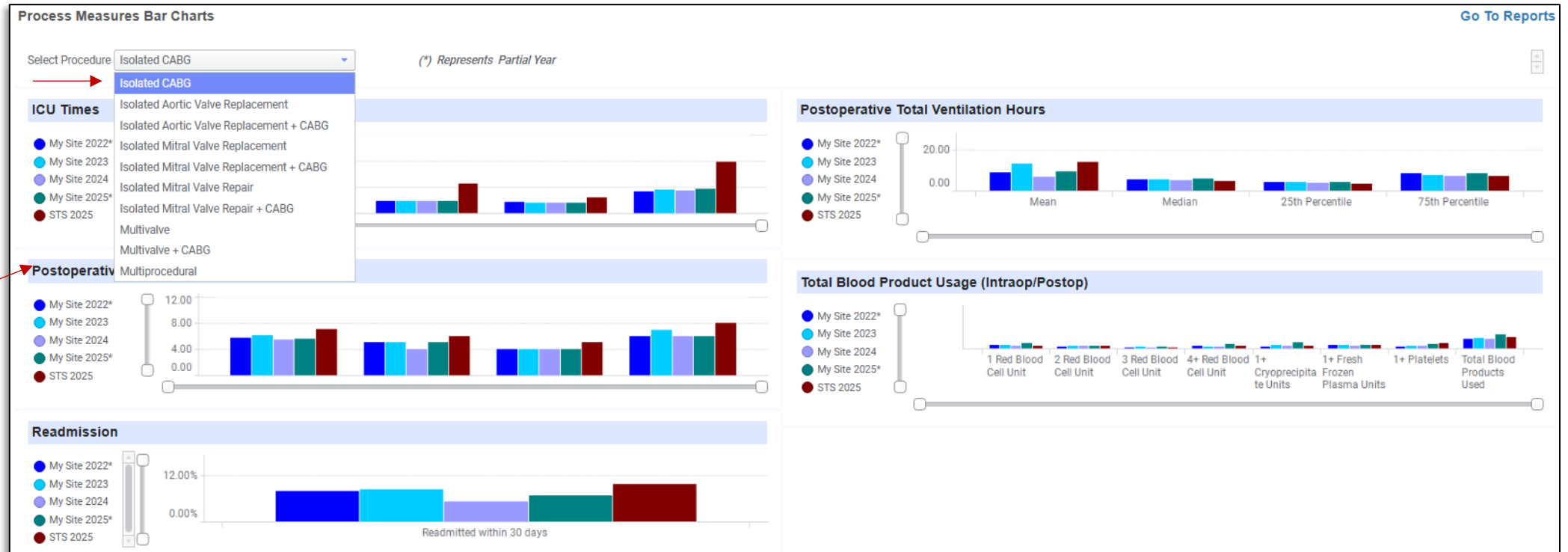
 Worse than Expected. Participant's performance is significantly worse than expected for their specific case-mix.
 As Expected. Participant's performance is not statistically different than expected for their specific case-mix.
 Better than Expected. Participant's performance is significantly better than 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

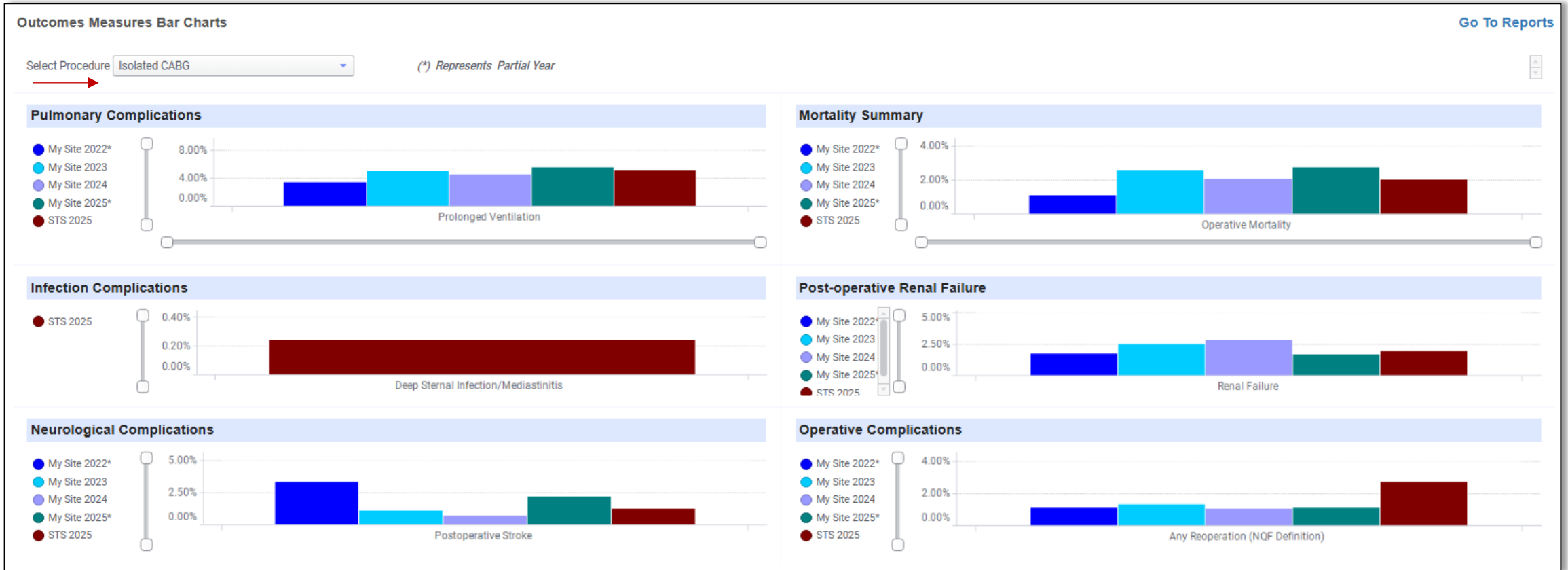


STS Updates

Postoperative
Length of Stay



STS Updates



STS Updates



STS Updates

- 'All' will be relabeled 'All Analyzable Procedures'.
- 'None' will be relabeled 'All Nonanalyzable Procedures'.
- You will be able to select 'All Analyzable Procedures' and 'All Nonanalyzable Procedures' to view all of your procedures together.

Reports
Select each report title below to view report specific parameters and generate data. Some reports have sub-reports available upon selection.

Parameters

☒ Time Period ☒ Procedures

Procedures
Select one or more

- ☒ All
- ☐ Isolated Coronary Artery Bypass (CABG)
 - ☐ CAB: On-pump procedures
 - ☐ CAB: Off-pump procedures
 - ☐ CAB: First Operations
 - ☐ CAB: Reoperations

Patient Selection
Select patient population
All Patients

Reports
Select each report title below to view report specific parameters and generate data. Some reports have sub-reports available upon selection.

Parameters

☒ Time Period ☒ Procedures

Procedures
Select one or more

- ☐ Mitral Valve Replacement + CABG (MV Replace + CABG)
- ☐ Aortic Valve Replacement + Mitral Valve Replacement (AVR + MVR)
- ☐ Isolated Mitral Valve Repair (MV Repair)
- ☐ Mitral Valve Repair + CABG (MV Repair + CABG)
- ☐ Multivalve
- ☐ Multivalve + CABG
- ☒ None

Patient Selection
Select patient population
All Patients



STS Updates

Adding additional rows to reflect different denominators:

- d=total cases (minus expired in OR)
- d=case with postoperative events (as currently displayed)
- For child fields:
 - d=cases where parent is 'yes'

POSTOPERATIVE EVENTS	NUMBER OF CASES	NUMBER OF CASES	My Site	STS
			1405	689749
	SURGICAL SITE INFECTION WITHIN 30 DAYS OF OPERATION:	YES, INFECTIOUS	6 (0.4%)	8022 (1.2%)
		YES, NON-INFECTIOUS	2 (0.1%)	4062 (0.6%)
		YES, BOTH	0 (0.0%)	325 (0.0%)
		NO	1217 (86.6%)	669146 (97.1%)
		MISSING	180 (12.8%)	7234 (1.1%)
		YES (DISCONTINUED FROM 4.20.2)	0 (0.0%)	0 (0.0%)
	SUPERFICIAL STERNAL WOUND	YES, WITHIN 30 DAYS OF PROCEDURE	2 (33.3%)	4642 (55.6%)
		YES, >30 DAYS AFTER PROCEDURE BUT DURING INITIAL HOSPI...	0 (0.0%)	169 (2.0%)
		NO	4 (66.7%)	3518 (42.1%)

		My Site	STS
REOP BLEEDING/TAMPANADE	YES	14 (3.5%)	16538 (5.9%)
	NO	391 (96.5%)	265933 (94.1%)
	MISSING	0 (0.0%)	106 (0.0%)
REOP BLEED TIMING	ACUTE	13 (92.9%)	13294 (80.4%)
	LATE	1 (7.1%)	3225 (19.5%)
	MISSING	0 (0.0%)	19 (0.1%)
REOP FOR VALVULAR DYSFUNCTION	YES, SURGICAL	1 (0.2%)	408 (0.1%)
	YES, TRANSCATHETER	0 (0.0%)	142 (0.1%)
	NO	404 (99.8%)	281834 (99.7%)
	MISSING	0 (0.0%)	193 (0.1%)



STS Updates

Adult Cardiac Surgery Database

The STS Adult Cardiac Surgery Database is currently operating under version 4.20.2.



[Table of Contents](#)

[Adult Cardiac Surgery Database](#)

[General Thoracic Surgery Database](#)

[Congenital Heart Surgery Database](#)

▼ Version 4.20

Effective date July 1, 2020

Training Manual - Updated for October 2025 ←

- [Training Manual](#)
- [ACSD Database Anesthesia Module Training Manual - updated July 2025](#)
- [FAQ Summary](#)
- [Beta Blocker Supplemental Training Manual - retired July 1, 2025](#)

↑ Scroll to top







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



We Need You!

If you or someone at your site have been successful in implementing a QI project to decrease postoperative renal failure, please reach out to Nancy Honeycutt @ nhoneycutt@sts.org.



Thank You for Joining!

Reminder: Our next
ACSD Monthly Webinar
will be held on
Wednesday, November 5,
2025 at 3pm ET/2pm CT.

Reminder: Our next
ACSD QI Webinar will be
held on Wednesday,
November 19, 2025 at
3pm ET/2pm CT.

