



# STS Database: ACSD Participant Dashboard Report

# Accessing Participant Dashboard Report

The screenshot shows the STS National Database interface. At the top left is the STS National Database logo with the tagline "Trusted. Transformed. Real-Time." and a menu icon. At the top right, it displays "Adult Cardiac Surgery Database" and the user name "Alex Belmonte" with the text "TEST\_NO\_ID" below it. On the left is a dark sidebar with a "Currently Viewing" section showing "Adult Cardiac Surgery Database" and "TEST\_NO\_ID -- TEST\_NO\_ID", a "Switch Current View" button, and sections for "PLATFORM" (Cases, Upload, Form Management) and "ANALYTICS" (Notifications with a red '1' badge, and Operational Reports with a checkmark). The main content area is titled "Operational Reports" and contains two report cards. The first is "Missing Variable Report" with a dropdown arrow and a description of data quality issues. The second is "ACSD Participant Dashboard Report" with a dropdown arrow and a description of non-analyzed data results. Two blue callout boxes with white text and arrows provide instructions: "Step 1: Open Operational Reports" points to the Operational Reports menu item in the sidebar, and "Step 2: Open Dashboard Report" points to the ACSD Participant Dashboard Report link in the main content area.

# Filtering – Time Period (Surgery Date)

**ACSD Participant Dashboard Report**  
ACSD Participant Dashboard Report

**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** ●

**Apply Parameters** **Clear Parameters**

**Reporting Period** **Date Range**

1 Select ✓ 2 to

The user can select one of the following 2 options for Time Period:

1. Reporting Periods which contain set time ranges for reporting
2. Date Range where start and end date can be manually selected

The Time Period for the report is based on the Surgery Date of the records

The indicator next to the parameter tab “Time Period” and “Procedures” needs to turn blue by selecting a valid time period and procedure in order to run the report.

# Filtering – Procedures

**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 ●

Apply Parameters Clear Parameters

**Procedures**

Select one or more

- All
- Isolated Coronary Artery Bypass (CABG)
  - CAB: On-pump procedures
  - CAB: Off-pump procedures

- To select procedures click on the “Procedures” tab under parameters.
- The user can select multiple procedures from the list provided by checking the box next to each.
- When selection is complete, run the report by clicking the Apply Parameters button.
- Parameters can be changed at any time in the report through the use of the Show/Hide Parameters function on the top right hand side of the report

# Dashboard Export and Expanding View

**ACSD Participant Dashboard Report**  
ACSD Participant Dashboard Report

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

**1**

**Select Report:**

- DEMOGRAPHICS
- HOSPITALIZATION
- RISK FACTORS
- PREOPERATIVE CARDIAC
- PREOPERATIVE MEDICAT
- HEMODYNAMICS/CATH/EC
- OPERATIVE
- VALVE SURGERY
- MECHANICAL CARDIAC A
- OTHER CARDIAC PROCED

**2**

DEMOGRAPHICS	NUMBER OF CASES	NUMBER OF CASES	My Site	
			100	8394
	PATIENT AGE	65-79	61 (61.0%)	4286

Open page in new window

1. Menu Bar: Contains the main menu for the dashboard. See the “File” dropdown to export to PDF, Excel, Image, or Power Point.
2. Dashboard Tab: Can be right clicked to open the report in a new page. This is helpful to expand the page area covered by the dashboard in smaller screens (See Page 5).

# Dashboard Expanded View and Navigation

The dashboard interface includes a top navigation bar with 'File', 'Edit', 'Visualizations', 'View', 'Tools', and 'User' menus. On the left, a 'Select Report:' menu lists various categories, with 'POST-OPERATIVE' selected (callout 1). The main area features three charts for 'My Site' and 'STS' data, each with a 'Color by:' dropdown (callout 2). A table below shows 'POST-OPERATIVE' data for 'NUMBER OF CASES' and 'EXTUBATED IN OR:'. A cell with '23 (23.0%)' is highlighted (callout 3). Below the table is a list of cases with columns for Patient ID, Access Case, Surgery Date, Variable, Variable Option, and Report Name (callout 4). A message box with a '5' icon states 'No data to display. All data may have been filtered out or the data table is empty.' (callout 5). The footer shows 'ACSD Participant Dashboard Report'.

1. Dashboard Navigation menu to switch between different sections of the dashboard
2. Variables for each section of the dashboard, contain data for each values for the site and all data in STS
3. Clicking on a value calculation will highlight it and show all cases that contain the selected value for that variable
4. Dashboard area that displays cases for the selected value, the link can be used to access the case data sheet
5. Dashboard graphs can be used to filter results based on visualizations

# Dashboard Expanded View (Cont.)

**Select Report:**

- DEMOGRAPHICS
- HOSPITALIZATION
- RISK FACTORS
- PREOPERATIVE CARDIAC STA
- PREOPERATIVE MEDICATIONS
- HEMODYNAMICS/CATH/ECHO
- OPERATIVE
- VALVE SURGERY
- MECHANICAL CARDIAC ASSIS
- OTHER CARDIAC PROCEDURE
- OTHER NON-CARDIAC PROCEI
- POST-OPERATIVE**
- POSTOPERATIVE EVENTS
- DISCHARGE / MORTALITY
- READMISSION

**My Site**

Color by: SUB\_CA... » DISPLA...

76.00 99.00

10.59

Color by: BLOOD PRODUCTS ...

Color by: SUB\_CA... » DISPLA...

96.00 100.00

79.00 100.00

Color by: EXTUBATED IN OR: »...

Color by: SUB\_CA... » DISPLA...

No data to display. All data may have been filtered out or the data table is empty.

			My Site	STS
POST-OPERATIVE	NUMBER OF CASES	NUMBER OF CASES	100	8394
	BLOOD PRODUCTS USED POSTOPERATIVELY:	MISSING	0 (0.0%)	17 (0.2%)
		NO	76 (76.0%)	579 (6.9%)
		YES	23 (23.0%)	293 (3.5%)
	EXTUBATED IN OR:	MISSING	0 (0.0%)	6631 (79.0%)
		N/A	1 (1.0%)	155 (1.8%)
		NO	96 (96.0%)	906 (10.8%)
		YES	3 (3.0%)	702 (8.4%)

Patient ID	Access Case	Surgery Date	Variable	Variable Option	Report Name
V122272148	<a href="https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...">https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...</a>	10/15/2019	BLOOD PRODUCTS US...	YES	POST-OPERATIVE
V122310137	<a href="https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...">https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...</a>	10/15/2019	BLOOD PRODUCTS US...	YES	POST-OPERATIVE
V122001985	<a href="https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...">https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...</a>	10/15/2019	BLOOD PRODUCTS US...	YES	POST-OPERATIVE
V121916984	<a href="https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...">https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...</a>	10/15/2019	BLOOD PRODUCTS US...	YES	POST-OPERATIVE
V121848106	<a href="https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...">https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...</a>	10/15/2019	BLOOD PRODUCTS US...	YES	POST-OPERATIVE
225830	<a href="https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...">https://sts-dev1.irp.iqvia.com/platform/acsdregistry/fac...</a>	3/21/2019	BLOOD PRODUCTS US...	YES	POST-OPERATIVE

ACSD Participant Dashboard Report

1. Number of Cases: displays the number of cases in the dashboard for the participant and the total number of cases in the STS Database that fit the filter parameters.
2. Missing Values are displayed in the dashboard where system rules determined that a value was expected, because of these rules the total number of cases for a specific variable may be less than the number of cases uploaded.
3. Filters may also be changed in this view using this button

# Dashboard Maximize Visualization and Export

The screenshot displays the ACSD Participant Dashboard Report interface. On the left, a 'Select Report:' sidebar lists categories such as DEMOGRAPHICS, HOSPITALIZATION, RISK FACTORS, and OPERATIVE. The main area features three horizontal bar charts comparing 'My Site' and 'STS' data across different variables. Below the charts is a table with columns for Patient ID, Access Case, Surgery Date, Variable, Variable Option, Report Name, and RECORDID. A right-click context menu is open over the table, showing options like 'Export' (with sub-options for Microsoft Excel, Copy cell value, and Maximize visualization) and 'Maximize visualization'. Two blue circles with white numbers '1' and '2' highlight the 'Maximize visualization' and 'Export' options respectively.

	My Site	STS
NO	97 (97.0%)	776 (9.2%)
YES	3 (3.0%)	229 (2.7%)
ENDOCARDITIS TYPE		
ACTIVE	0 (0.0%)	97 (1.2%)
MISSING	0 (0.0%)	
TREATED	3 (3.0%)	
TOBACCO USE		
CURRENT EVERY DAY SMOKER	17 (17.0%)	
CURRENT SOME DAY SMOKER	1 (1.0%)	
FORMER SMOKER	50 (50.0%)	
MISSING	0 (0.0%)	

Right Clicking on the dashboard will allow the user to access a menu which provides the following functionality:

1. Maximize visualization which will open a new window/tab with a larger visualization of the dashboard
2. Export to Excel, PDF, or Image (Power Point export is not available in this menu)



# Dashboard Maximized Visualization

## ACSD Participant Dashboard Report

ACSD Participant Dashboard Report

### Reports

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



		My Site	STS
	<b>NO</b>	97 (97.0%)	776 (9.2%)
		<b>YES</b>	3 (3.0%) 229 (2.7%)
<b>ENDOCARDITIS TYPE</b>	<b>ACTIVE</b>	0 (0.0%)	97 (1.2%)
	<b>MISSING</b>	0 (0.0%)	9 (0.1%)
	<b>TREATED</b>	3 (3.0%)	123 (1.5%)
	<b>TOBACCO USE</b>	<b>CURRENT EVERY DAY SMOKER</b>	17 (17.0%)
	<b>CURRENT SOME DAY SMOKER</b>	1 (1.0%)	18 (0.2%)
	<b>FORMER SMOKER</b>	50 (50.0%)	423 (5.0%)
	<b>MISSING</b>	0 (0.0%)	7385 (88.0%)
	<b>NEVER SMOKER</b>	32 (32.0%)	373 (4.4%)
	<b>SMOKER, CURRENT STATUS (FREQUENCY) UNKNOWN</b>	0 (0.0%)	13 (0.2%)
	<b>SMOKING STATUS UNKNOWN</b>	0 (0.0%)	4 (0.0%)
<b>LUNG DISEASE</b>	<b>LUNG DIESEASE DOCUMENTED, SEVERITY UNKNOWN</b>	4 (4.0%)	44 (0.5%)
	<b>MILD</b>	16 (16.0%)	212 (2.5%)
	<b>MISSING</b>	0 (0.0%)	6754 (80.5%)
	<b>MODERATE</b>	4 (4.0%)	156 (1.9%)
<b>HOME OXYGEN</b>	<b>NO</b>	71 (71.0%)	1062 (12.7%)
	<b>SEVERE</b>	4 (4.0%)	157 (1.9%)
	<b>UNKNOWN</b>	1 (1.0%)	9 (0.1%)
	<b>MISSING</b>	0 (0.0%)	7390 (88.0%)
	<b>NO</b>	100 (100.0%)	862 (10.3%)
	<b>UNKNOWN</b>	0 (0.0%)	6 (0.1%)
	<b>YES, OXYGEN DEPENDENT</b>	0 (0.0%)	40 (0.5%)
	<b>YES, PRN</b>	0 (0.0%)	96 (1.1%)

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ACSD Participant Dashboard Report