Society of Thoracic Surgeons

Adult Cardiac Surgery Database

January 3, 2020

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

Agenda

- Welcome and Introductions
- IQVIA update
- Q&A

Housekeeping

v4.20 **Data** Spec **Update**

January Training Manual Update

STS Website Navigation

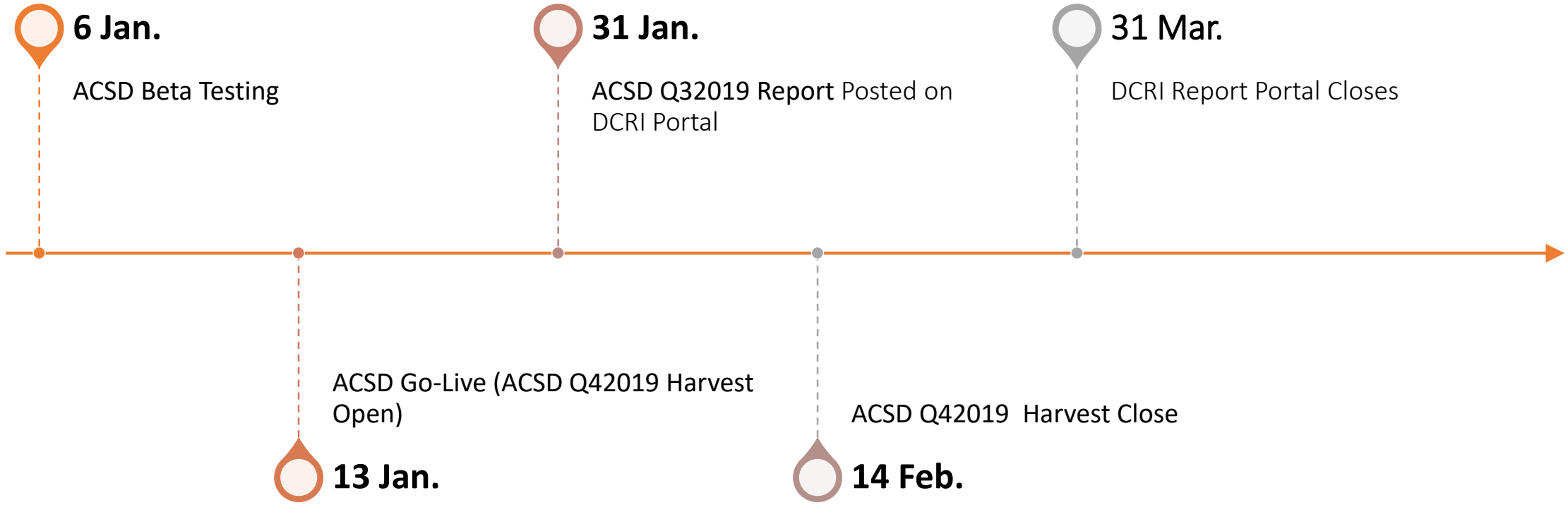
- Database News
- Webinars
- IQVIA Landing Page...*coming soon*

Poll Question

Keeping in mind that the monthly webinars will need to focus on IQVIA for the next few months (at least through March), would you like to have subsequent monthly webinars later in the month for the upgrade? This will mean two webinars a month for ACSD.

- Yes, starting in late January
- Yes, starting in late February
- No, I think webinars starting in April for the upgrade is fine

Important Dates for Adult Cardiac



IQVIA Update

Melanie Bent,
IQVIA Lead
Business Analyst

IQVIA Update – Login & Password

Login and Password Details

- IQVIA ACSD Login and Password to be sent **January 13, 2020**.
  - Two (2) email notifications will be sent from the STSTechSupport@iqvia.com
    - (1) Username notification
    - (2) Temporary Password notification
  - Formal communication will be sent from STS to notify usernames/passwords were sent to participant users
  - Usernames will be formatted as first name initial combined with last name (i.e. John Doe will be assigned to username **jdoe**)
  - Users will be prompted to create a new password upon initial login

IQVIA Update – Uploader File Submission Guidelines

Best Practice Guidelines for File Submission

- Log into the system early to get familiar with the workflow and review the new data quality report (DQR).
- Start off with uploading smaller files; Start with 1-2 weeks of records
  - This will allow you to review messages that you may encounter during the upload process.
  - This will allow you to review the different levels of messages that you can review within the data quality report.
- Start early - Do not wait until the last minute to begin uploading your files – give yourself time to adjust to the new transition.
- Remember - you are able to continuously submit files and review – allows you to pace yourself.

IQVIA Update – Uploader File Submission Guidelines

Best Practice Guidelines for File Submission

- **IMPORTANT NOTE:** Data collected through the end of the harvest period should be submitted by harvest close to be included in analysis.

  Example:

  - **ACSD Harvest 1 2020** analysis window closes on **February 14th.**
  - To be included in H1 2020 Analysis, all OR Dates through December 31st 2019 should be submitted to IQVIA by harvest window close, February 14, 2020.
  - ***Data submitted on February 15th (regardless of OR date) will be included in Harvest 2.***

IQVIA Update – Supported Data Versions

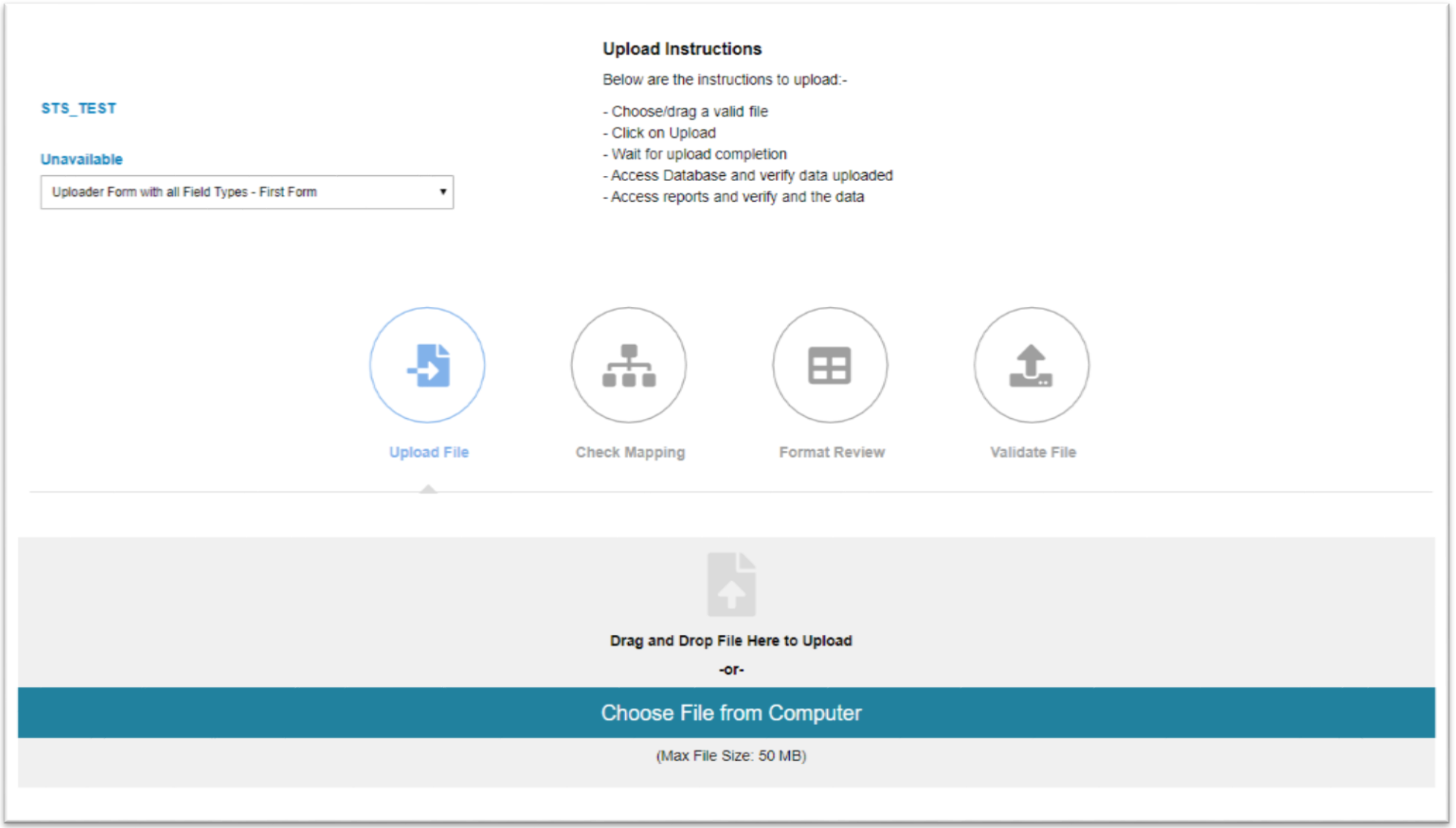
Support Data Form Versions

- IQVIA will only support the ACSD **v2.9** and **v2.81** data collection versions.

- Previous data versions will not be uploaded.
  - The older version are not supported on the IQVIA platform
  - **Example** - if the user uploads a file that contains fields that were collected in **v2.73 or older** the file will not be uploaded.

- Vendors have been notified that these are the only supported data versions and should not include previous version in their exported files.

Uploader Workflow


STS_TEST
Unavailable
Uploader Form with all Field Types - First Form
Upload Instructions
Below are the instructions to upload:-
- Choose/drag a valid file
- Click on Upload
- Wait for upload completion
- Access Database and verify data uploaded
- Access reports and verify and the data
Upload File
Check Mapping
Format Review
Validate File
Drag and Drop File Here to Upload
-or-
Choose File from Computer
(Max File Size: 50 MB)

Upload File

Check Mapping

Format Review

Validate File

File Structure Errors

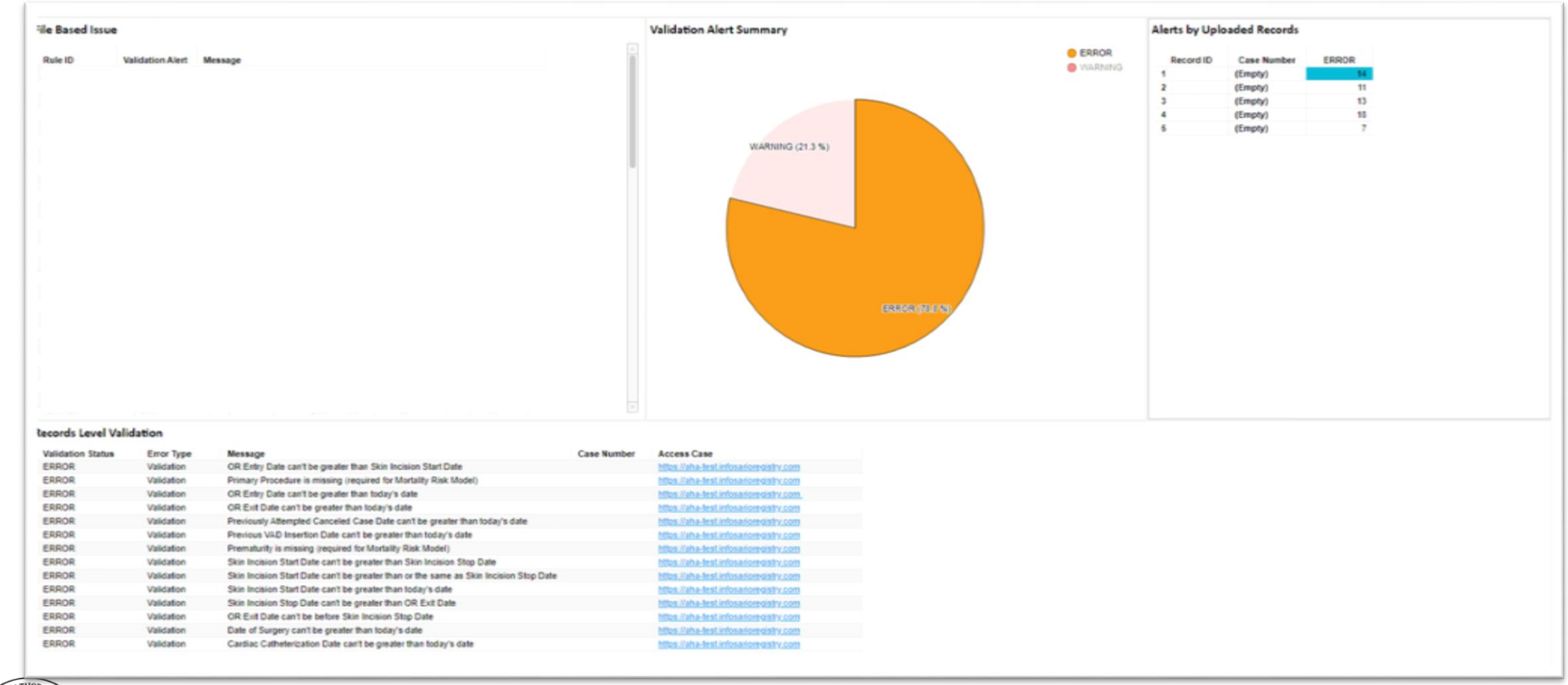
Your file is not formatted properly and will not continue processing. Review the feedback below for more information.

Message

This registry only accepts dat files.

Review Complete

Sample Data Quality Report



File Based Issue

Rule ID	Validation Alert	Message

Validation Alert Summary

Alerts by Uploaded Records

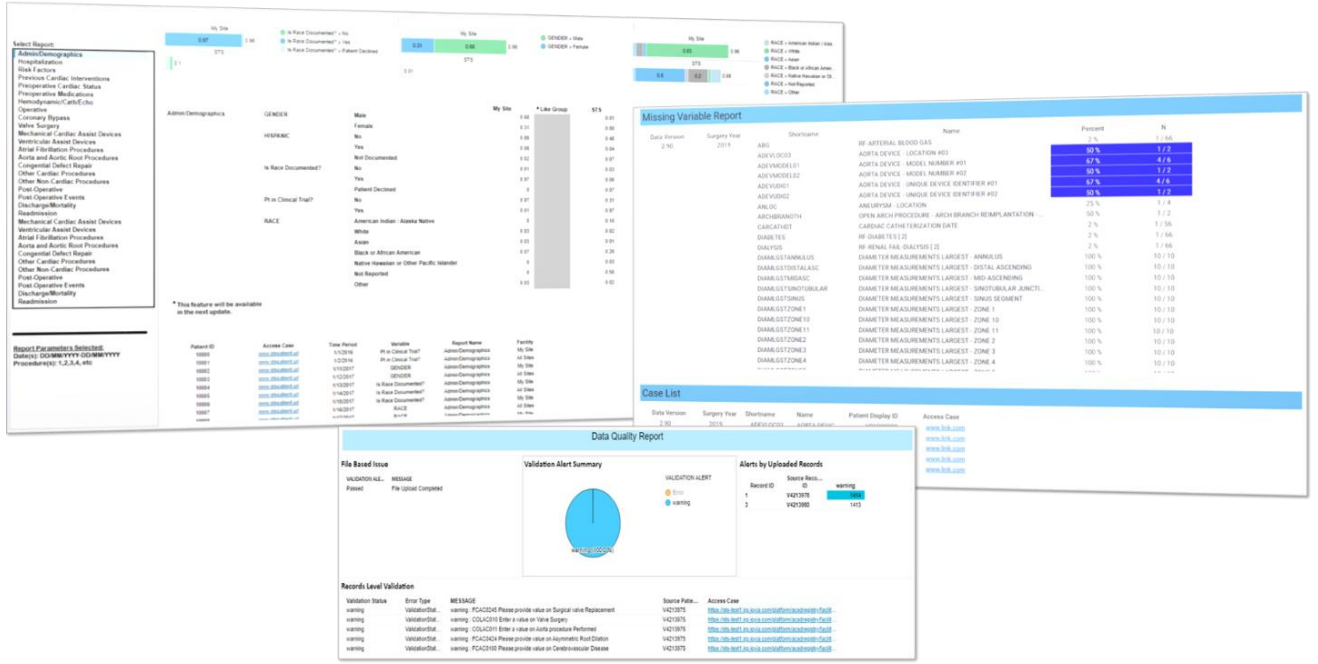
Record ID	Case Number	ERROR
1	(Empty)	14
2	(Empty)	11
3	(Empty)	13
4	(Empty)	15
5	(Empty)	7

Records Level Validation

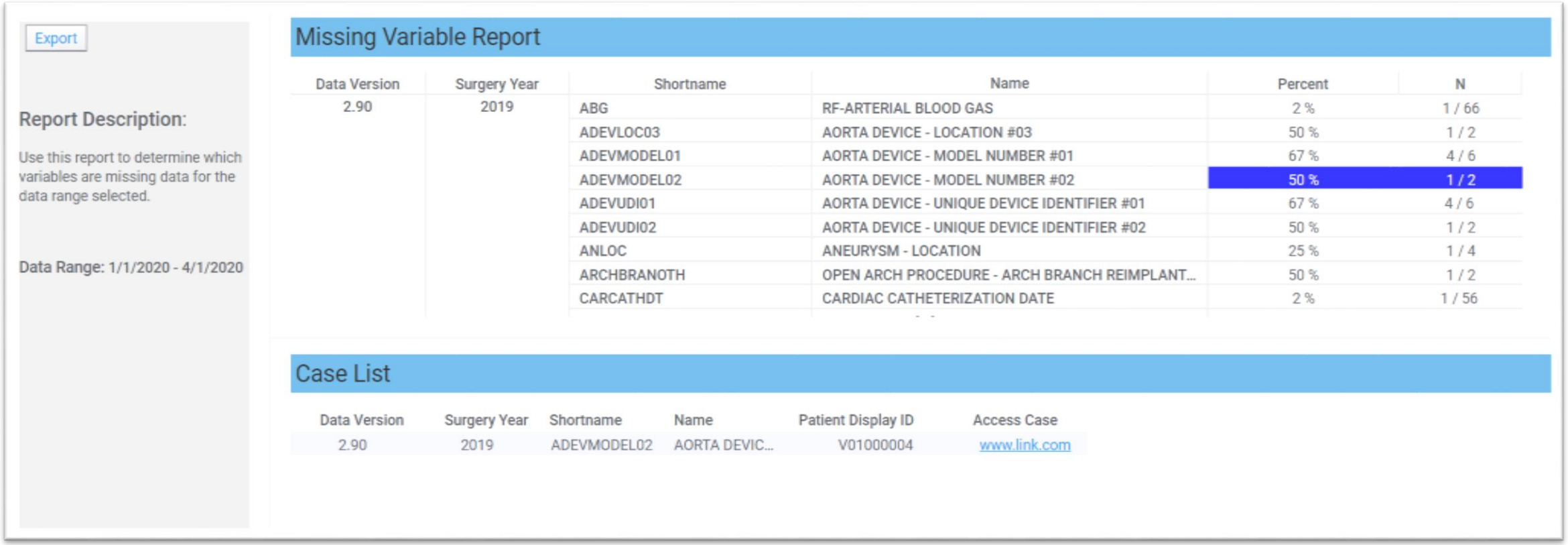
Validation Status	Error Type	Message	Case Number	Access Case
ERROR	Validation	OR Entry Date can't be greater than Skin Incision Start Date		https://aha-test.infosarioregistry.com
ERROR	Validation	Primary Procedure is missing (required for Mortality Risk Model)		https://aha-test.infosarioregistry.com
ERROR	Validation	OR Entry Date can't be greater than today's date		https://aha-test.infosarioregistry.com
ERROR	Validation	OR Exit Date can't be greater than today's date		https://aha-test.infosarioregistry.com
ERROR	Validation	Previously Attempted Canceled Case Date can't be greater than today's date		https://aha-test.infosarioregistry.com
ERROR	Validation	Previous VAD Insertion Date can't be greater than today's date		https://aha-test.infosarioregistry.com
ERROR	Validation	Prematurity is missing (required for Mortality Risk Model)		https://aha-test.infosarioregistry.com
ERROR	Validation	Skin Incision Start Date can't be greater than Skin Incision Stop Date		https://aha-test.infosarioregistry.com
ERROR	Validation	Skin Incision Start Date can't be greater than or the same as Skin Incision Stop Date		https://aha-test.infosarioregistry.com
ERROR	Validation	Skin Incision Start Date can't be greater than today's date		https://aha-test.infosarioregistry.com
ERROR	Validation	Skin Incision Stop Date can't be greater than OR Exit Date		https://aha-test.infosarioregistry.com
ERROR	Validation	OR Exit Date can't be before Skin Incision Stop Date		https://aha-test.infosarioregistry.com
ERROR	Validation	Date of Surgery can't be greater than today's date		https://aha-test.infosarioregistry.com
ERROR	Validation	Cardiac Catheterization Date can't be greater than today's date		https://aha-test.infosarioregistry.com

IQVIA Update – What's Next

- Missing Variable Report
  - Displays identified percent missing for data variables uses in analysis
- ACSD Participant Dashboard Report
  - Displays identified data variables for total case and percentage counts



Missing Variable



Export

Report Description:

Use this report to determine which variables are missing data for the data range selected.

Data Range: 1/1/2020 - 4/1/2020

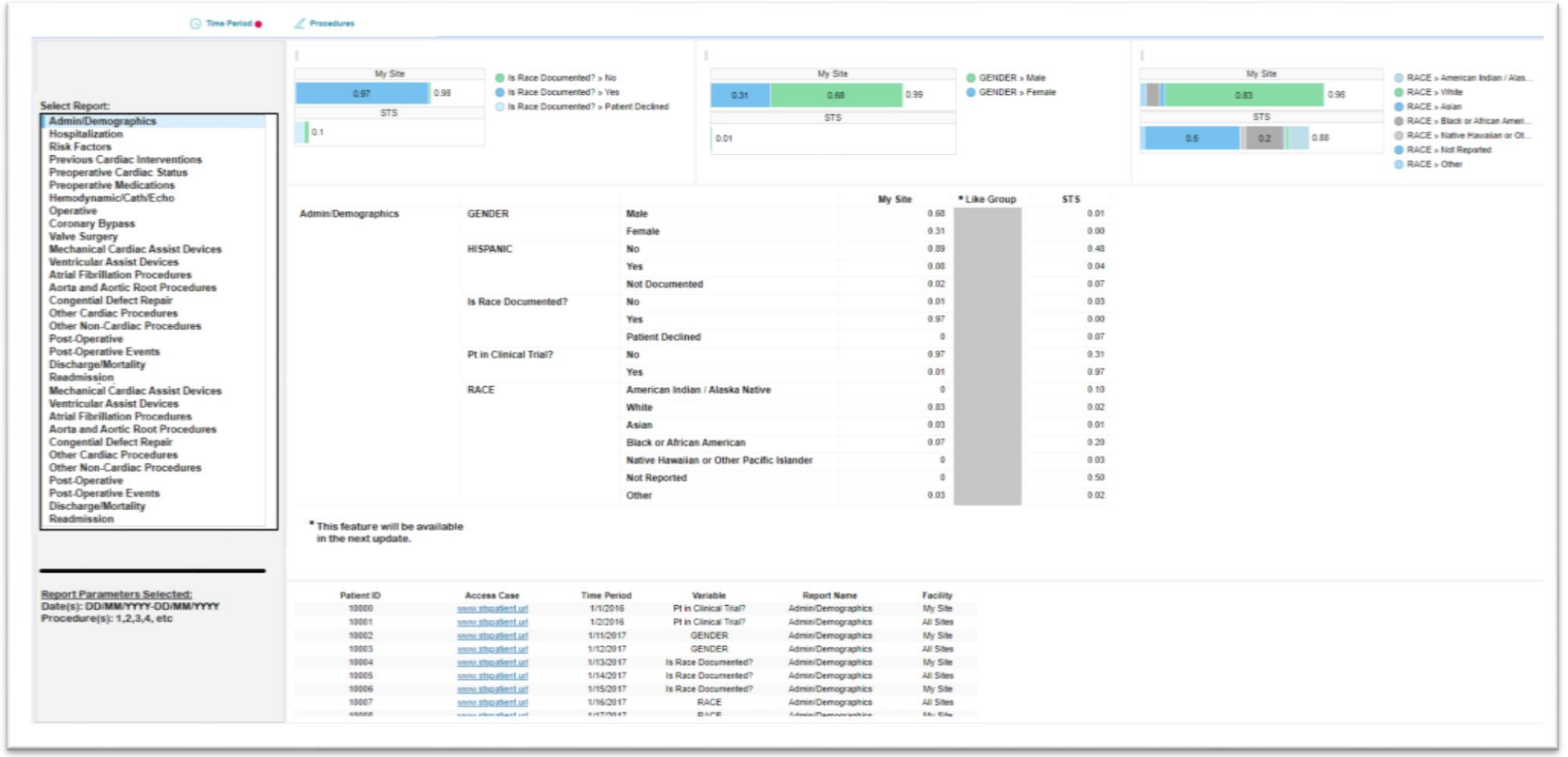
Missing Variable Report

Data Version	Surgery Year	Shortname	Name	Percent	N
2.90	2019	ABG	RF-ARTERIAL BLOOD GAS	2 %	1 / 66
		ADEVLOC03	AORTA DEVICE - LOCATION #03	50 %	1 / 2
		ADEVMODEL01	AORTA DEVICE - MODEL NUMBER #01	67 %	4 / 6
		ADEVMODEL02	AORTA DEVICE - MODEL NUMBER #02	50 %	1 / 2
		ADEVUDI01	AORTA DEVICE - UNIQUE DEVICE IDENTIFIER #01	67 %	4 / 6
		ADEVUDI02	AORTA DEVICE - UNIQUE DEVICE IDENTIFIER #02	50 %	1 / 2
		ANLOC	ANEURYSM - LOCATION	25 %	1 / 4
		ARCHBRANOTH	OPEN ARCH PROCEDURE - ARCH BRANCH REIMPLANT...	50 %	1 / 2
		CARCATHDT	CARDIAC CATHETERIZATION DATE	2 %	1 / 56

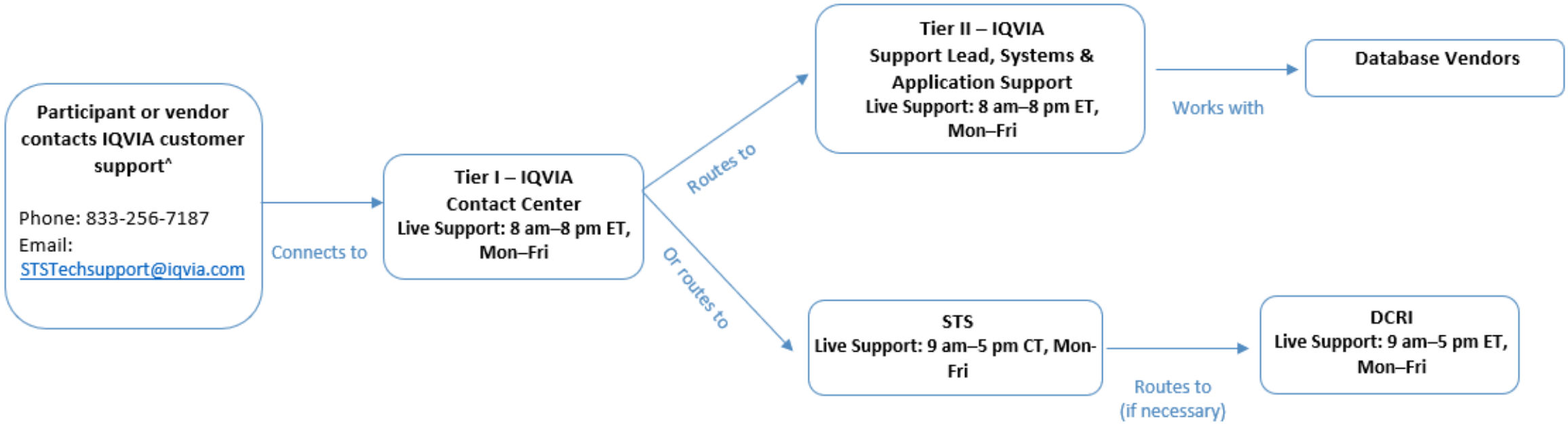
Case List

Data Version	Surgery Year	Shortname	Name	Patient Display ID	Access Case
2.90	2019	ADEVMODEL02	AORTA DEVIC...	V01000004	www.link.com

ACSD Participant Dashboard



IQVIA's Support Plan



^ Inquiries received outside live support hours will require a 24-hour turnaround window (i.e., one business day) for responses.

Resources

- STSTechSupport@IQVIA.com - Available January 13th
- STS National Database Feedback Form - Available January 13th
- STS/IQVIA landing page *(Coming Soon!)*
  - Training Videos
  - Contact Information
  - Webinar Information^
  - FAQ Document
  - Go-Live Checklist^
  - Link to IQVIA
  - Tiered-level Support Document

^Currently available on the STS National Database Webpage

Contact Information

- Carole Krohn, Sr. Clinical Manager, STS National Database
  - CKrohn@sts.org
  - 312-202-5847
- Database Operational Questions
  - Billing, participation, and contract questions
  - STSDB@sts.org

Questions & Answers

Please submit your questions using the Q&A function on the webinar

Thank you for joining!

Next ACSD Webinar
January 30, 2020 – v4.20
February 5, 2020 – IQVIA Transition

Happy New Year!

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