

Data Transfer

Saber Analytics performs a nightly pull of data from your source system to stay in sync with your system. The Data Transfer section allows the health center to manage the pull-start time and monitor the pipelines' success. Pipeline runs occasionally fail. In that case, the health center can rerun a failed data pull from here.

Pipeline history

The Pipeline history provides multiple tools that help the health center admins manage the data pipeline(s). Admins can perform the following:

- Edit the run start time
- Review past runs
- Review only the failed runs
- Perform a manual “Rerun” of data

The ability to edit or rerun a pipeline run is permissions/role-based.

The screenshot shows the 'Data transfer' section of a web application. At the top right is a 'Save' button. Below the title is the 'Pipeline history' section, which includes a 'See history' link. A descriptive paragraph explains the data refresh process. Below this is a 'Pipeline run start time' toggle set to 'Edit mode'. The 'Pipeline name' is selected from a dropdown menu. The 'Date range' is set to 'Last 30 days'. 'Start date' and 'End date' are both set to '11/16/2024', with an 'Apply' button to the right. Below the date fields is a 'Show' dropdown set to '25 entries' and a 'Manage columns' button. A 'Failures only' toggle is also present. The main area contains a table with columns: 'Pipeline name', 'Run start', 'Run end', 'Duration', 'Triggered by', 'Status', and 'Rerun'. The table is currently empty, displaying 'No pipeline history found'. At the bottom, it shows 'Showing 1 to 0 of 0 entries' and navigation buttons for 'Prev', '1', and 'Next'.

To use:

1. Navigate to the **Admin settings page**.
2. Click **Data transfer** in the navigation menu and click **Pipeline history**.
3. Use the **drop-down menu** to select the **Pipeline name** (Optional).
4. Use the **drop-down menu** to select the **Date range** (Optional).

Note: If using the Custom date option, you must enter the **Start date** and **End dates** (Required).

5. Click **Apply**.
6. The Pipeline history will display the run items according to the filter selections.
7. Review the **Status** of each pipeline and rerun as needed.

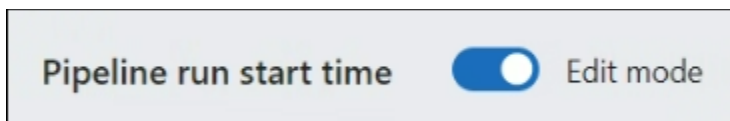
Pipeline Statuses:

- **Failed:** indicates that the run was not completed successfully.
- **Succeeded:** indicates that the run was completed.

PL_Saber_007_Load_Staging_Tables	05/27/2024, 3:59:59 AM	05/27/2024, 4:01:08 AM	1m 8s	Staging Load Trigger	Failed	Rerun
PL_Saber_007_SQL_to_ASQI_Dev_Staging_Allergies	05/27/2024, 4:00:01 AM	05/27/2024, 4:00:57 AM	56s	ba04ff21-484e-4829-9440-440d8cc68c3d	Failed	Rerun
PL_Saber_007_Load_Staging_Tables	05/28/2024, 4:00:00 AM	05/28/2024, 4:01:11 AM	1m 11s	Staging Load Trigger	Failed	Rerun
PL_Saber_007_SQL_to_ASQI_Dev_Staging_Allergies	05/28/2024, 4:00:02 AM	05/28/2024, 4:01:01 AM	58s	f5f90c44-d905-445c-a89d-711828c402e0	Failed	Rerun

Editing the start time

1. Navigate to the **Admin settings page**.
2. Click **Data transfer** and click **Pipeline history**.
3. Click the **Edit mode** toggle on.



4. Use the drop-down menu to update the time as needed.

Important Notes:

- Select any time between 9:00 p.m. to 3:00 a.m. Normal business hours are excluded to prevent the likelihood of pulling data over while it is actively changing.
- Ensure that the run start time entered is after the server maintenance jobs are finished to avoid any conflicts (**very important**).
- The time zone for the time entered is the health center's server time zone.

Pipeline run start time Edit mode

11:00 PM CST

5. Click **Save**.

Data transfer

Pipeline history [See history](#)

Once each night, a refreshed copy of your source system data is pulled. If connecting to a reporting server or Data View, our pull should happen AFTER the refresh happens there. The time the refreshed copy is made should NOT conflict with other maintenance jobs happening on the server in question. Set the time you want the refresh to begin, and monitor the success of the data movement process here. **NOTE:** Late start times may result in data not being refreshed by the start of business hours.

Pipeline run start time Edit mode

11:00 PM EST

The **See History** hyperlink is a shortcut to the **Admin changes** audit log. Use it to review the users who made edits to the pipeline run time.

Note: All timestamps in the **Admin changes** audit log for **Pipeline history** will be displayed in accordance with the configured **About us** time zone, ensuring precise and relevant time information.

Rerunning a failed pipeline run

The Rerun feature lets admin users rerun the most recently failed data transfer.

1. Navigate to the **Administration page**.
2. Click the **Failures only** toggle on.
3. Review the list and locate the failed run to rerun it manually.
4. **Important Note:** Only the most recently failed run will display the Rerun button for failed pipeline data transfers.
5. Click the **Rerun button**.

PL_Saber_007_Load_Staging_Tables	05/27/2024, 3:59:59 AM	05/27/2024, 4:01:08 AM	1m 8s	Staging Load Trigger	Failed	<input checked="" type="button" value="Rerun"/>
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The manually reran pipeline will run and update the status in the Pipeline history.