



Monthly Upload: Transfer to MPOG Central



Transfer to MPOG Overview

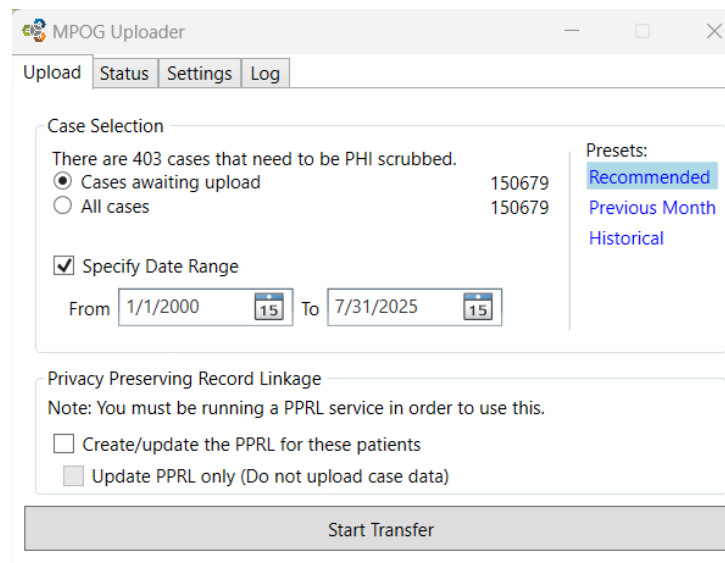
- Exports cases from your Local MPOG database and sends them to the MPOG Central Repository
- **A 'Test Transfer' of your local data to 'MPOG Central' is required prior to the initial 'Production Transfer.'**
- MPOG Informatics Specialists will assist you with initial upload to the MPOG Central TEST and Production environments.
- Prior to transferring data to MPOG Central, PHI Scrubbing must occur. Refer to the module: Monthly Transfer - PHI Scrubber for more details on how to complete the scrubbing process.

Accessing Transfer to MPOG Central



Transferring to MPOG Central – TEST Environment

- The MPOG Test environment allows sites to transfer data to the Coordinating Center without impacting the larger production data set used for research and quality improvement activities.
- An MPOG Informatics Specialist will direct the transfer process for initial upload.



The screenshot shows the 'MPOG Uploader' application window. It has a tabbed interface with 'Upload', 'Status', 'Settings', and 'Log'. The 'Upload' tab is active. Under 'Case Selection', it states 'There are 403 cases that need to be PHI scrubbed.' and offers two radio button options: 'Cases awaiting upload' (selected) and 'All cases'. To the right, it shows '150679' for both. A 'Specify Date Range' checkbox is checked, with a date range from '1/1/2000' to '7/31/2025'. On the right, there are 'Presets' links: 'Recommended' (highlighted), 'Previous Month', and 'Historical'. Below this is a 'Privacy Preserving Record Linkage' section with a note: 'Note: You must be running a PPRL service in order to use this.' It has two checkboxes: 'Create/update the PPRL for these patients' (unchecked) and 'Update PPRL only (Do not upload case data)' (checked). At the bottom is a large 'Start Transfer' button.



- Prior to beginning the transfer process, you must first specify a date range and uncheck the box next to 'Create/update the PPRL for these patients'
 - Note – PPRL was previously referred to as Blinded Record Index (BRI).
- The MPOG Informatics Specialist will advise on the date range to transfer for initial upload
- Once cases have processed in Central, an MPOG Informatics Specialist will review your data and contact you with how to proceed.

MPOG Uploader

Upload Status Settings Log

Case Selection

There are 403 cases that need to be PHI scrubbed.

☒ Cases awaiting upload 150679

☐ All cases 150679

☒ Specify Date Range

From 1/1/2025 To 7/31/2025

Presets:

Recommended

Previous Month

Historical

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

☐ Create/update the PPRL for these patients

☒ Update PPRL only (Do not upload case data)

Start Transfer

Transferring to MPOG Central – **PRODUCTION** Environment

Note: An MPOG Director must approve first upload to the MPOG Central Production Environment. An MPOG Informatics Specialist will direct the transfer process for your first transfer to production.

Open 'Transfer to MPOG Central' in the MPOG Suite.

Choose which cases to transfer. Note that only cases that have been PHI Scrubbed will be counted. If a case has not been PHI Scrubbed, it cannot be transferred to MPOG Central.

There are 2 options for Case Selection

- Cases Awaiting Upload: Includes only cases in the chosen time frame that have updated data or mapping updates
- All Cases: Includes all cases for the chosen time frame, even if there are no updates.
 - Note, if you choose All Cases, another screen will pop up confirming your choice

MPOG Uploader

Upload Status Settings Log

Case Selection

There are 403 cases that need to be PHI scrubbed.

☒ Cases awaiting upload 78800

☐ All cases 78800

Presets: Recommended Previous Month Historical

☒ Specify Date Range

From 1/1/2025 To 7/31/2025

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

☒ Create/update the PPRL for these patients

☐ Update PPRL only (Do not upload case data)

Start Transfer

MPOG Uploader

Upload Status Settings Log

Case Selection

There are 267720 cases that need to be PHI scrubbed.

☐ Cases awaiting upload 2

☒ All cases

Presets: Recommended

Warning!

You have selected to upload ALL cases in your MPOG database, even those that have been already uploaded. This is likely to take a very long time if the MPOG database is large.

Are you sure you want to do this?

OK Cancel

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

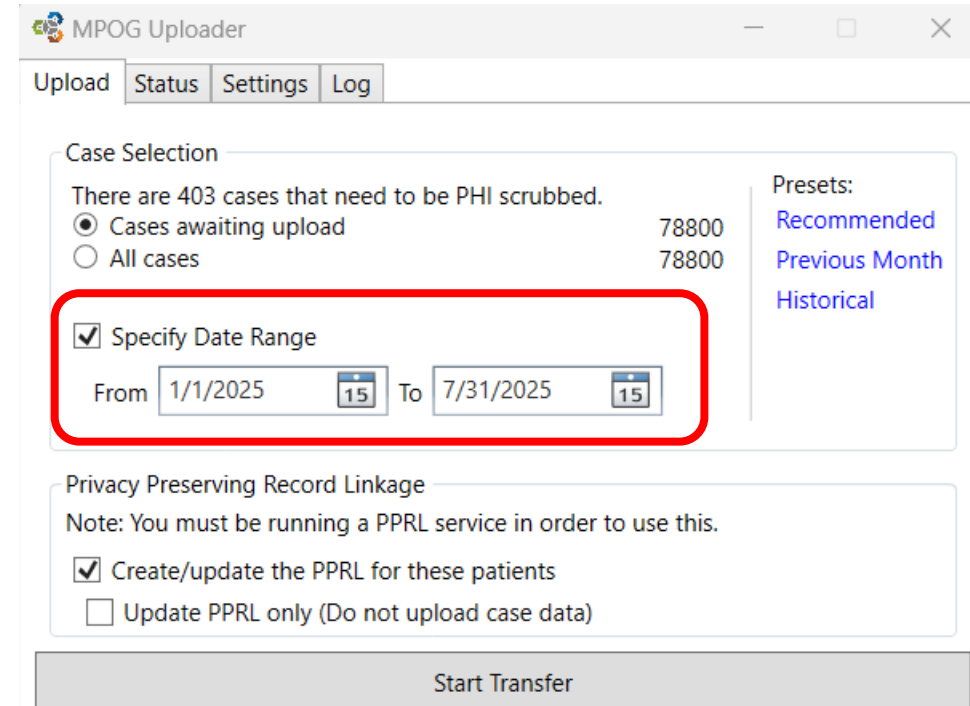
☒ Create/update the PPRL for these patients

☐ Update PPRL only (Do not upload case data)

Start Transfer

Next, choose the correct data date range prior to beginning the production transfer process and select 'Start Transfer'.

The first time you transfer to Production, you will use the same date range and presets that you did when you transferred to the Test environment.



The screenshot shows the 'MPOG Uploader' application window. The 'Upload' tab is selected. In the 'Case Selection' section, there is a message: 'There are 403 cases that need to be PHI scrubbed.' Below this, there are two radio buttons: 'Cases awaiting upload' (selected) and 'All cases'. To the right of these radio buttons, the number '78800' is displayed twice. A red rectangular box highlights the 'Specify Date Range' checkbox, which is checked, and the date range 'From 1/1/2025 To 7/31/2025'. To the right of the date range, there is a 'Presets' section with three links: 'Recommended', 'Previous Month', and 'Historical'. Below the 'Specify Date Range' section, there is a 'Privacy Preserving Record Linkage' section with a note: 'Note: You must be running a PPRL service in order to use this.' Below the note, there are two checkboxes: 'Create/update the PPRL for these patients' (checked) and 'Update PPRL only (Do not upload case data)' (unchecked). At the bottom of the window, there is a 'Start Transfer' button.

After clicking 'Start Transfer' a window will display the date range and case count that you have selected for upload. Review the attestation on the left – If all four items have been completed, select 'Submit Data' to begin transfer.

Upload Agreement

By clicking "Submit Data", you attest the following:

- 1) That you have PHI scrubbed your data to comply with the Multicenter Perioperative Outcomes Groups guidelines and that your data constitute a limited dataset.
- 2) That you have Institutional Review Board approval from your institution to submit this data and that this approval has not lapsed or otherwise expired.
- 3) That you are submitting these data to the Multicenter Perioperative Outcomes Group of your own volition. These data may be removed from the central database at any time, upon request.
- 4) That you have followed all guidelines detailed elsewhere, including but not limited to the Data Use Agreement(s) between your institution and the University of Michigan.

Month	Case Count	Date Range
2/1/2019	7,633	2/1/2019 to 2/28/2019

Uploading data to MPOG Central Staging Area

Progress: 0%

Status: Uploading cases to staging area

Cases Transferred: 65 of 9178 (0 to retry)

Last Case Date Processed: 2/29/2024

Time Remaining: 29 min

Stop Transfer Pause Transfer

Submit Data Cancel

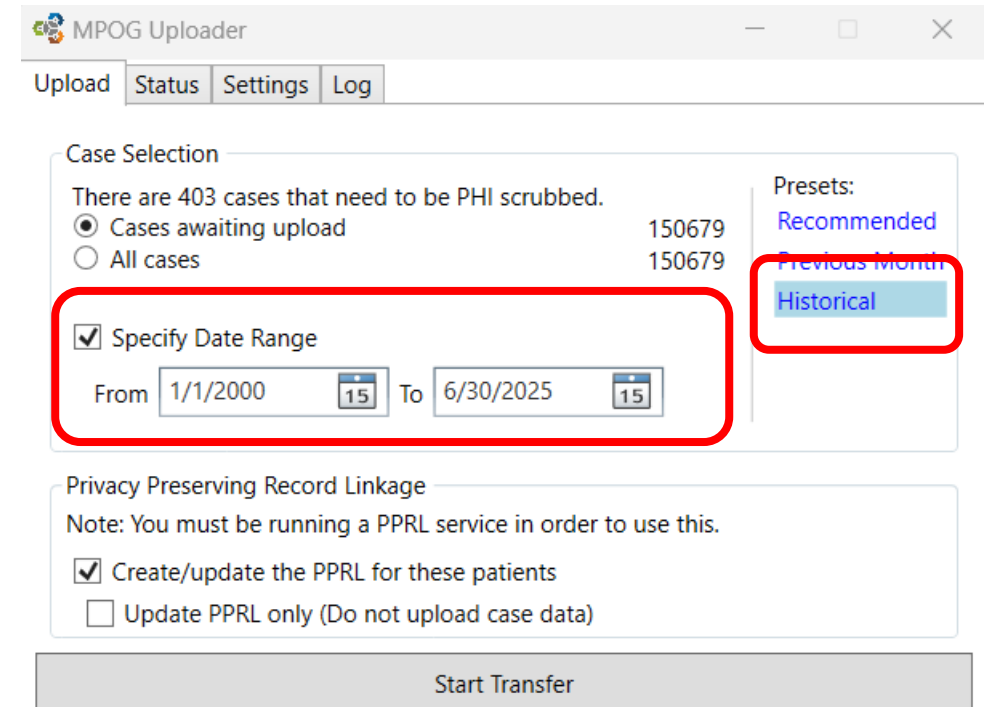
When the process is complete, it will highlight in the taskbar



Resubmitting Data for Transfer to MPOG Central

Occasionally, a specific date range may require re-submission to MPOG Central due to changes that were made in your site's MPOG local database after the previously scheduled monthly data upload (i.e., mapping changes, billing)

- To send historical data, choose the 'Historical' preset. You will also have to click on 'Specify Date Range' and enter the dates that you want to transfer if it is different than the default date range.
- You can uncheck the box next to 'Create/update the blinded record index for this patient' when doing Historical uploads



MPOG Uploader

Upload Status Settings Log

Case Selection

There are 403 cases that need to be PHI scrubbed.

☒ Cases awaiting upload 150679

☐ All cases 150679

☒ Specify Date Range

From 1/1/2000 To 6/30/2025

Presets:

Recommended

Previous Month

Historical

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

☒ Create/update the PPRL for these patients

☐ Update PPRL only (Do not upload case data)

Start Transfer

MPOG Uploader

Upload Status Settings Log

Case Selection

There are 403 cases that need to be PHI scrubbed.

☒ Cases awaiting upload 150679

☐ All cases 150679

Presets:

Recommended

Previous Month

Historical

☒ Specify Date Range

From 1/1/2000 To 7/31/2025

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

☒ Create/update the PPRL for these patients

☐ Update PPRL only (Do not upload case data)

Start Transfer

All historical data that has been updated + previous month

MPOG Uploader

Upload Status Settings Log

Case Selection

There are 403 cases that need to be PHI scrubbed.

☒ Cases awaiting upload 0

☐ All cases 0

Presets:

Recommended

Previous Month

Historical

☒ Specify Date Range

From 7/1/2025 To 7/31/2025

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

☒ Create/update the PPRL for these patients

☐ Update PPRL only (Do not upload case data)

Start Transfer

Only the previous month's data (if in a rush to upload on time)

MPOG Uploader

Upload Status Settings Log

Case Selection

There are 403 cases that need to be PHI scrubbed.

☒ Cases awaiting upload 150679

☐ All cases 150679

Presets:

Recommended

Previous Month

Historical

☒ Specify Date Range

From 1/1/2000 To 6/30/2025

Privacy Preserving Record Linkage

Note: You must be running a PPRL service in order to use this.

☒ Create/update the PPRL for these patients

☐ Update PPRL only (Do not upload case data)

Start Transfer

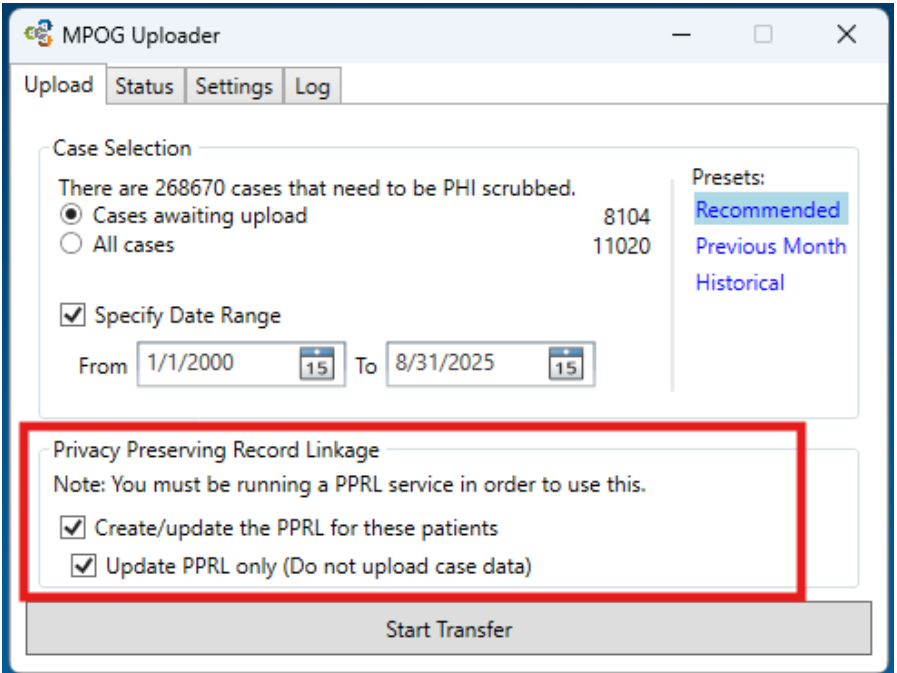
All historical data that has been updated - excludes previous month (Use if you haven't validated yet)

Privacy Preserving Record Linkage (PPRL)

- Previously referred to as Blinded Record Index (BRI)
- Approved by the federal government registries manual as non-PHI
- PPRL/BRI is a method of using a secure hashing algorithm to match PHI data sets without actually sharing any PHI
- This can allow data systems to match patients without the risk of sharing protected patient information
- For more information on how PPRL/BRI works, see the [Privacy Preserving Record Linkage](#) guide.

PPRL/BRI Uploading

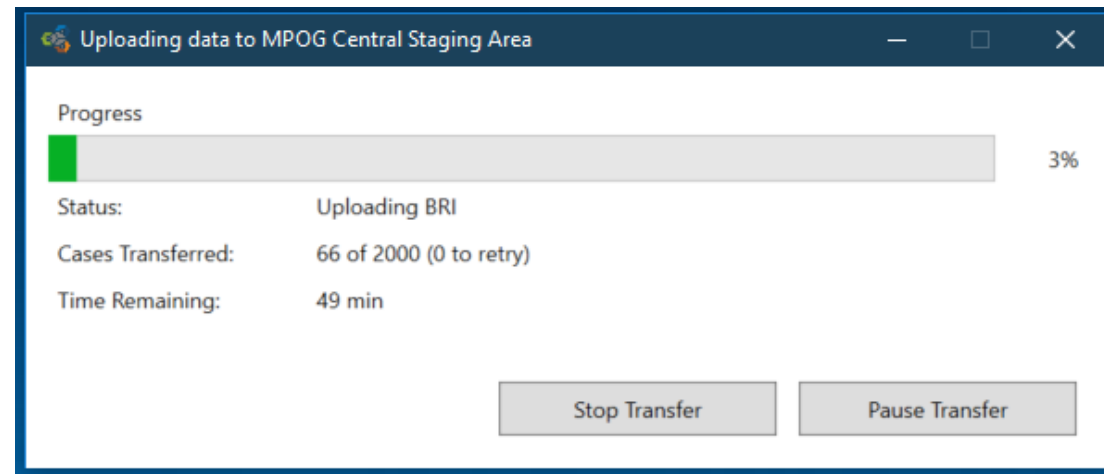
- Use the MPOG Uploader to PPRL/BRI your data
- In the Privacy Preserving Record Linkage section, make selections based on whether you are sending historical data or new data
 - The box next to 'Create/update the Privacy Preserving Record Linkage for this patient' is defaulted to checked. Use this when transferring new data
 - If there are no changes to the data that require re-upload, we recommend that you select the 'Update PPRL only' box. Do not uncheck the box next to 'Create/update the Privacy Preserving Record Linkage for this patient'.
 - You must run PHI scrub before updating PPRL only.
 - Choose 'All Cases' if the 'Cases awaiting upload' is at Zero (0)
 - Uploading all case data will take longer than updating PPRL only



The screenshot shows the MPOG Uploader application window. The 'Upload' tab is selected. In the 'Case Selection' section, it states 'There are 268670 cases that need to be PHI scrubbed.' Below this, 'Cases awaiting upload' is selected with a radio button, showing a count of 8104, while 'All cases' has a count of 11020. A 'Specify Date Range' checkbox is checked, with a date range from 1/1/2000 to 8/31/2025. On the right, under 'Presets', 'Recommended' is highlighted. The 'Privacy Preserving Record Linkage' section is highlighted with a red box; it contains a note about running a PPRL service and two checked options: 'Create/update the PPRL for these patients' and 'Update PPRL only (Do not upload case data)'. A 'Start Transfer' button is at the bottom.

PPRL/BRI Upload Tracking

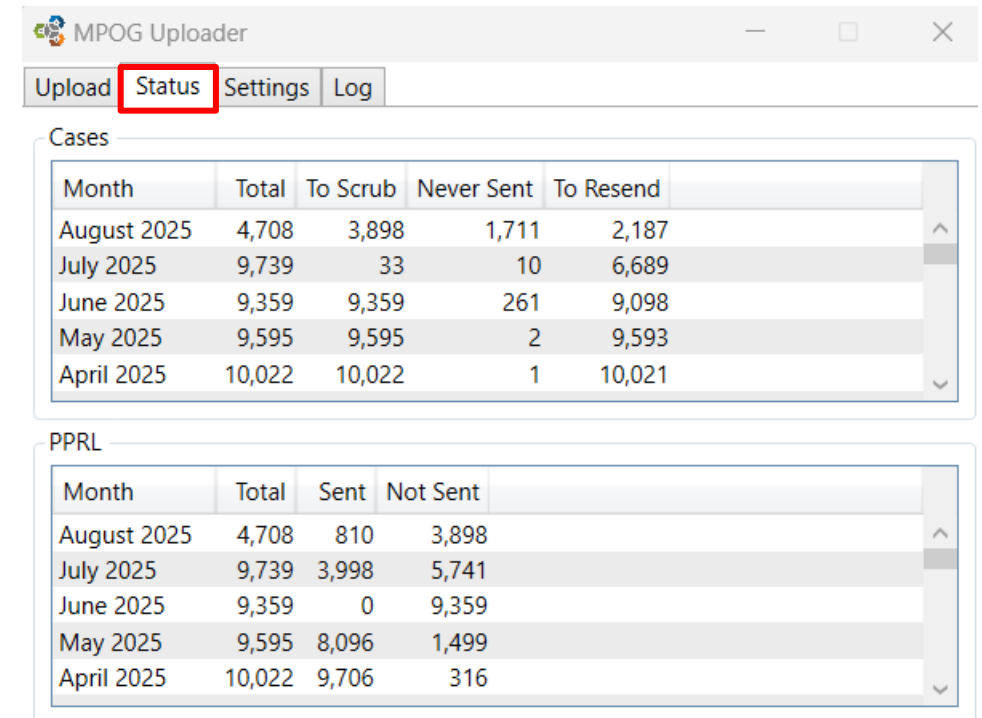
- Once you select 'Start Transfer', a status bar will appear with an estimated processing time.



Transfer Status Tab

A status tab is located in the MPOG uploader and displays which cases have been uploaded and which cases have a blinded record index.

- Cases Section = Case data only
 - Total = Total number of cases per month
 - To Scrub = Total number of cases waiting on PHI Scrub per month
 - Never Sent = Total number of cases per month that were Never Sent to MPOG Central
 - To Resend = Total number of cases per month with new data since the last transfer. This is usually due to re-extraction of data or mapping updates
- PPRL Section = Number of cases per month with PPRL data Sent vs. Not Sent



The screenshot shows the 'MPOG Uploader' application window with the 'Status' tab selected. It contains two tables: 'Cases' and 'PPRL'.

Cases

Month	Total	To Scrub	Never Sent	To Resend
August 2025	4,708	3,898	1,711	2,187
July 2025	9,739	33	10	6,689
June 2025	9,359	9,359	261	9,098
May 2025	9,595	9,595	2	9,593
April 2025	10,022	10,022	1	10,021

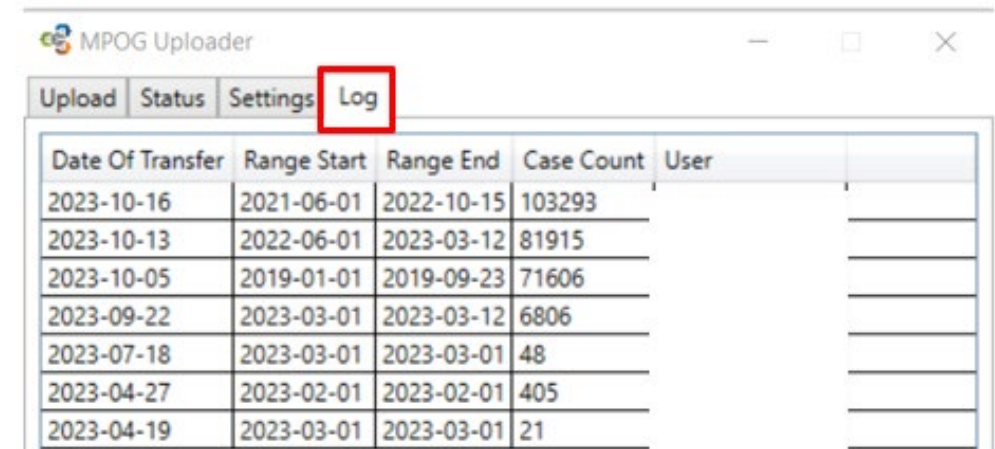
PPRL

Month	Total	Sent	Not Sent
August 2025	4,708	810	3,898
July 2025	9,739	3,998	5,741
June 2025	9,359	0	9,359
May 2025	9,595	8,096	1,499
April 2025	10,022	9,706	316

Transfer Log Tab

This tab displays

- Transfer Date/Time
- Date Range Transferred
- Case Count
- Username of the user that uploaded to Central



The screenshot shows the 'MPOG Uploader' application window. It has four tabs: 'Upload', 'Status', 'Settings', and 'Log'. The 'Log' tab is selected and highlighted with a red box. Below the tabs is a table with the following data:

Date Of Transfer	Range Start	Range End	Case Count	User
2023-10-16	2021-06-01	2022-10-15	103293	
2023-10-13	2022-06-01	2023-03-12	81915	
2023-10-05	2019-01-01	2019-09-23	71606	
2023-09-22	2023-03-01	2023-03-12	6806	
2023-07-18	2023-03-01	2023-03-01	48	
2023-04-27	2023-02-01	2023-02-01	405	
2023-04-19	2023-03-01	2023-03-01	21	

Transfer Error

- Sometimes you will encounter an error when transferring data to MPOG Central. The error could occur either when transferring data or when updating BRI.
- This error means that some of your data did not get uploaded, and you will need to start the transfer process again. Contact support@mpog.zendesk.com if you encounter repeated errors.

