



Monthly Upload: Transfer to MPOG Central



Transfer to MPOG Overview

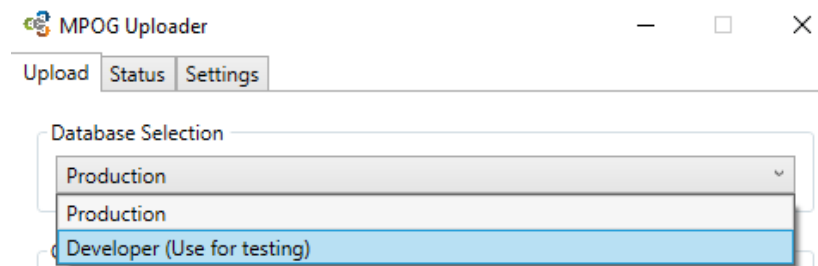
- Exports cases from your Local MPOG database and sends them to the MPOG Central Repository
- **A ‘Test Transfer’ of your local data to ‘MPOG Central’ is required prior to the initial ‘Production Transfer.’**
- MPOG Informatics Specialists will assist you with initial upload to the MPOG Central TEST 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

- 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.
- Open the 'Database Selection' dropdown window and select the 'Developer (Use for testing)' option.



- Ensure the following selections have been made prior to beginning the transfer process (The MPOG Informatics Specialist will advise on the date range to transfer for initial upload)
 - Database selection defaults to Production, you will have to change it to Developer (Use for testing) for this step
- 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

Database Selection

Developer (Use for testing)

Case Selection

There are 547759 cases that need to be PHI scrubbed.

Cases awaiting upload 83597

All cases 93122

Specify Date Range

From Select a date 15 To Select a date 15

Blinded Record Index

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

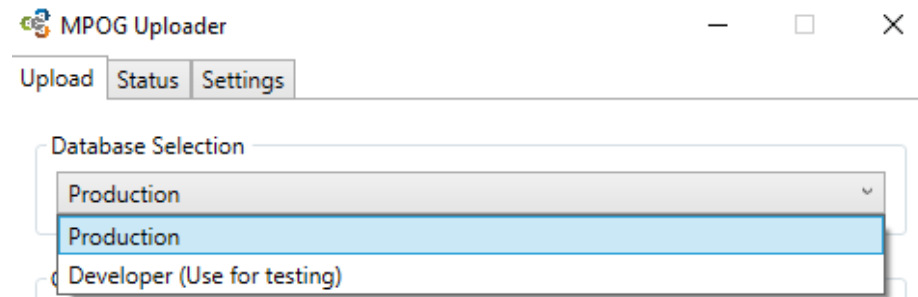
Create/update the blinded record index for this patient

Update BRI 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.** Please contact the Coordinating Center for directions on how to execute your first transfer to production.
- Open ‘Transfer to MPOG Central’ in the MPOG Suite.
- In the Database Selection window, check that the default selection for ‘Production’ is highlighted in the dropdown menu.



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 Test, except the Database Selection will be changed to 'Production'.

The screenshot shows the 'MPOG Uploader' application window with the 'Upload' tab selected. The interface includes the following elements:

- Database Selection:** A dropdown menu currently set to 'Production'.
- Case Selection:** A section with the text 'There are 547759 cases that need to be PHI scrubbed.' It contains two radio button options: 'Cases awaiting upload' (selected, 83597) and 'All cases' (93122). To the right, there are three blue links for 'Presets': 'Recommended', 'Previous Month', and 'Historical'.
- Specify Date Range:** A section enclosed in a red box, containing an unchecked checkbox and two date pickers. The first date picker is set to '15' and the second is also set to '15'.
- Blinded Record Index:** A section with a note: 'Note: You must be running a BRI service in order to use this.' It contains two checkboxes: 'Create/update the blinded record index for this patient' (checked) and 'Update BRI only (Do not upload case data)' (unchecked).
- Start Transfer:** A large grey button at the bottom of the form.

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)

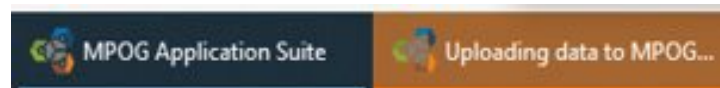
Last Case Date Processed: 2/29/2024

Time Remaining: 29 min

Buttons: Stop Transfer, Pause Transfer

Buttons: Submit Data, Cancel

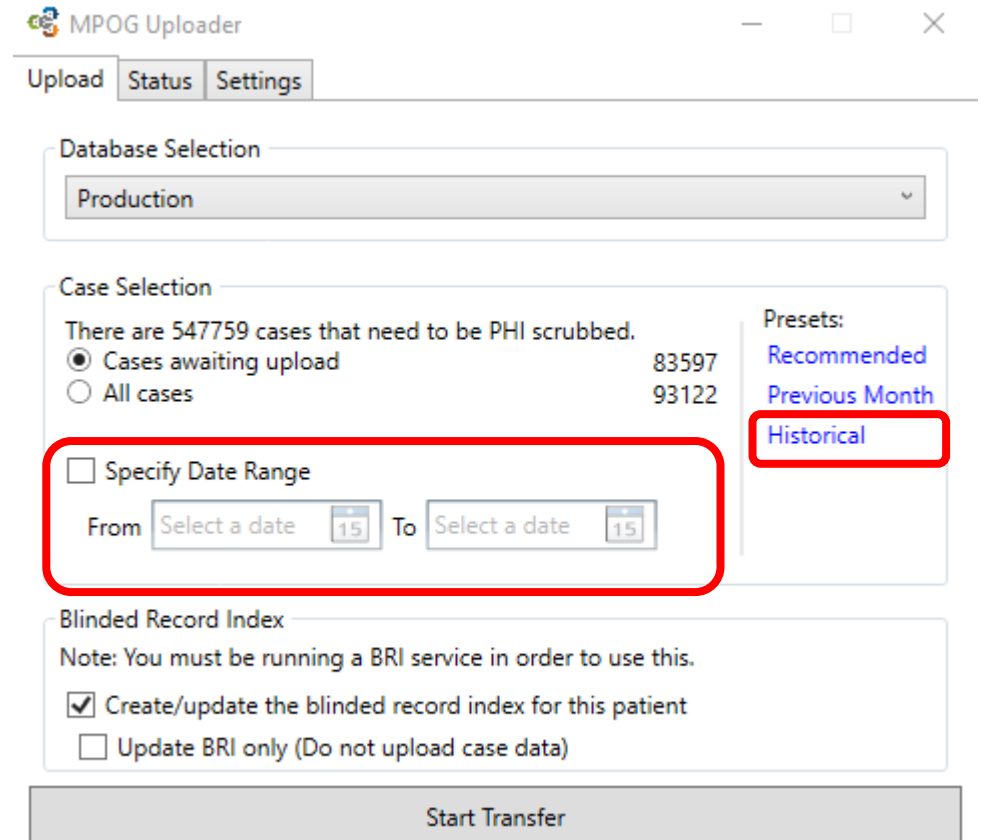
When the process is complete, it will highlight in the taskbar



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.



The screenshot shows the MPOG Uploader interface with the following elements:

- Database Selection:** A dropdown menu set to "Production".
- Case Selection:** A section indicating 547759 cases need to be PHI scrubbed. It includes radio buttons for "Cases awaiting upload" (83597) and "All cases" (93122).
- Specify Date Range:** A checkbox labeled "Specify Date Range" is checked. Below it are two date pickers, both set to "15".
- Presets:** A list of three options: "Recommended", "Previous Month", and "Historical". The "Historical" option is highlighted with a red box.
- Blinded Record Index:** A section with a note: "Note: You must be running a BRI service in order to use this." It includes a checked checkbox for "Create/update the blinded record index for this patient" and an unchecked checkbox for "Update BRI only (Do not upload case data)".
- Start Transfer:** A large grey button at the bottom.

MPOG Uploader interface showing the 'Recommended' preset selected in the Case Selection section. The Database Selection is set to 'Production'. The Case Selection section indicates there are 615116 cases that need to be PHI scrubbed. The 'Recommended' preset is selected, with 1156 cases awaiting upload and 1156 total cases. The 'Specify Date Range' checkbox is unchecked. The Blinded Record Index section has the 'Create/update the blinded record index for this patient' checkbox checked.

All historical data that has been updated + previous month

MPOG Uploader interface showing the 'Previous Month' preset selected in the Case Selection section. The Database Selection is set to 'Production'. The Case Selection section indicates there are 615116 cases that need to be PHI scrubbed. The 'Previous Month' preset is selected, with 0 cases awaiting upload and 0 total cases. The 'Specify Date Range' checkbox is checked, with the date range set from 3/1/2021 to 3/31/2021. The Blinded Record Index section has the 'Create/update the blinded record index for this patient' checkbox checked.

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

MPOG Uploader interface showing the 'Historical' preset selected in the Case Selection section. The Database Selection is set to 'Production'. The Case Selection section indicates there are 615116 cases that need to be PHI scrubbed. The 'Historical' preset is selected, with 1156 cases awaiting upload and 1156 total cases. The 'Specify Date Range' checkbox is checked, with the date range set from 1/1/2000 to 2/28/2021. The Blinded Record Index section has the 'Create/update the blinded record index for this patient' checkbox checked.

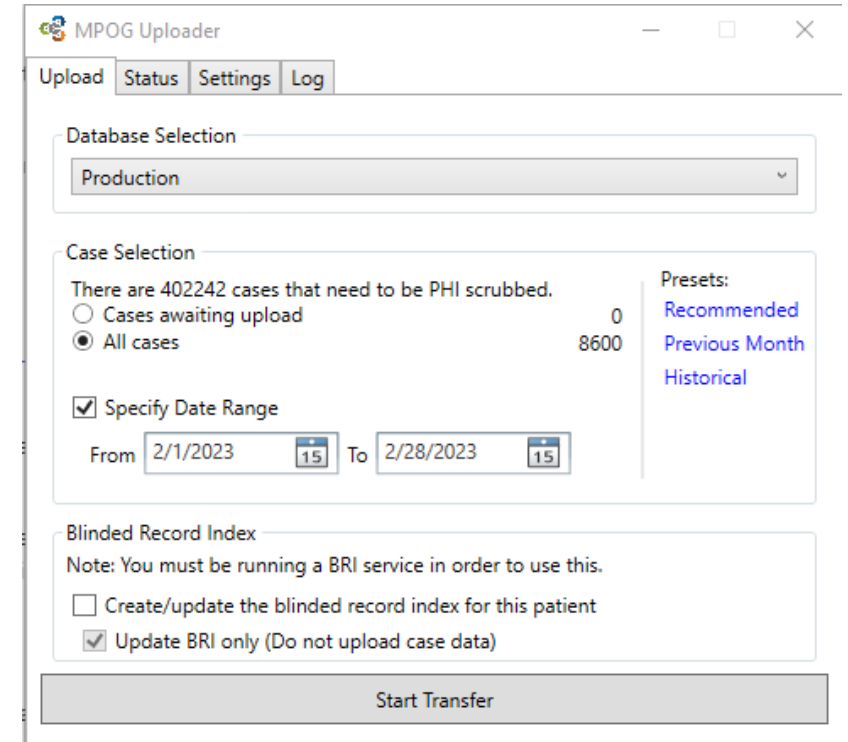
All historical data that has been updated - excludes previous month (Use if you haven't validated yet)

Blinded Record Index (BRI)

- Approved by the federal government registries manual as non-PHI
- 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 BRI works, visit our [website](#).

BRI Uploading

- Use the MPOG Uploader to BRI your data
- In the Blinded Record Index section, make selections based on whether you are blinding historical or new data
 - The box next to 'Create/update the blinded record index 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 be sure to select the 'Update BRI only' box. You will have to check this box BEFORE you uncheck the box next to 'Create/update the blinded record index for this patient'.
 - You must run PHI scrub before updating BRI only.
 - Choose 'All Cases' if the 'Cases awaiting upload' is at Zero (0)
 - Uploading all case data will take longer than updating BRI only



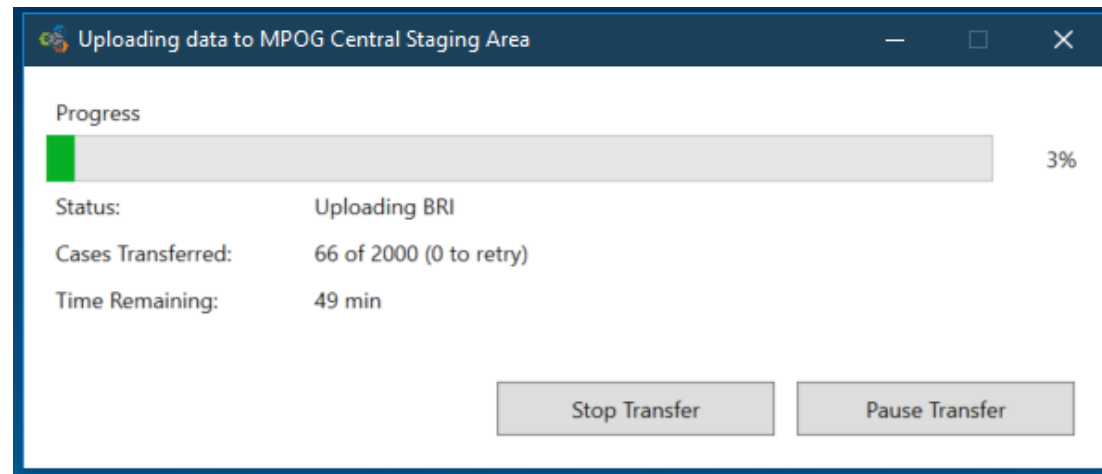
The screenshot shows the MPOG Uploader application window. It has a title bar with the application name and standard window controls. Below the title bar are three tabs: 'Upload', 'Status', and 'Settings', with 'Upload' being the active tab. The main content area is divided into several sections:

- Database Selection:** A dropdown menu currently set to 'Production'.
- Case Selection:** A section with the text 'There are 402242 cases that need to be PHI scrubbed.' It contains two radio buttons: 'Cases awaiting upload' (with a count of 0) and 'All cases' (with a count of 8600). The 'All cases' option is selected. To the right, there are three preset options: 'Recommended', 'Previous Month', and 'Historical'. Below this is a checked checkbox for 'Specify Date Range' with two date pickers: 'From 2/1/2023' and 'To 2/28/2023'.
- Blinded Record Index:** A section with a note: 'Note: You must be running a BRI service in order to use this.' It contains two checkboxes: 'Create/update the blinded record index for this patient' (unchecked) and 'Update BRI only (Do not upload case data)' (checked).

At the bottom of the window is a large grey button labeled 'Start Transfer'.

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
- BRI Section = Number of cases per month with BRI data Sent vs. Not Sent

MPOG Uploader

Upload **Status** Settings Log

Cases

Month	Total	To Scrub	Never Sent	To Resend
March 2023	3,403	0	0	0
February 2023	8,600	0	0	0
January 2023	8,900	0	0	0
December 2022	8,682	0	0	0
November 2022	8,881	0	0	0
October 2022	8,590	868	0	868
September 2022	8,625	0	0	0

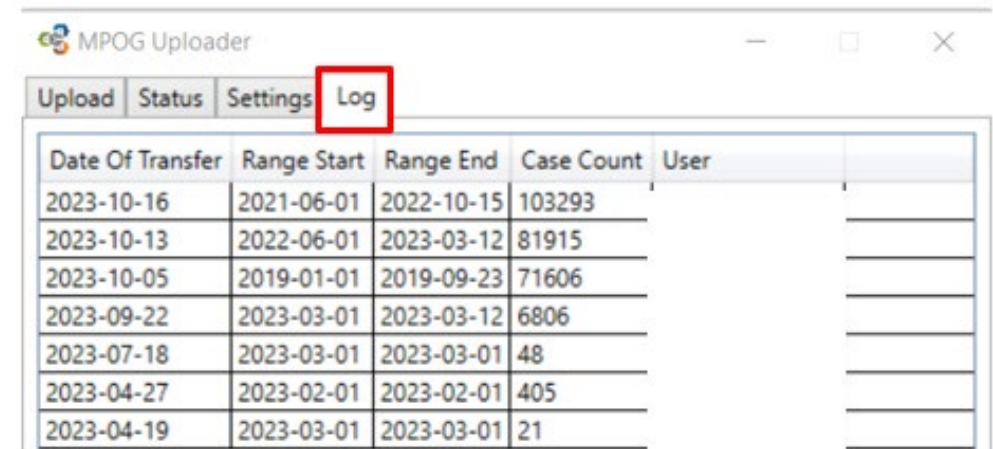
BRI

Month	Total	Sent	Not Sent
March 2023	3,403	3,403	0
February 2023	8,600	2,839	5,761
January 2023	8,900	8,895	5
December 2022	8,682	8,680	2
November 2022	8,881	8,880	1
October 2022	8,590	8,590	0
September 2022	8,625	8,625	0

Transfer Log Tab

This tab displays

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



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.

