

Core Charge and Event Reporting

Standard Operating Procedure 153 for Pitt iLab System

iLab Role: Core Administrator, Core Manager

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Date: 10/2025

Contents

Purpose:	1
Scope:	1
iLab Event Reporting Page for Scheduling Cores	2
Directions for Exporting Data to Excel Template:	4
iLab Charge and Event Report Workbook Template	6

Purpose:

This SOP describes how shared research facilities/cores can use iLab reporting functionality to perform analysis, generate reports and extract monthly or annual report data. The reporting tab in iLab provides access to useful data. The two types of reports highlighted in this document are 1) charges: report on the individual financial charges generated by core facilities and 2) events: report on data related to scheduled events.

Most shared research cores can be categorized as either a scheduling core or a service core, although a few provide both options. Scheduling cores primarily offer equipment reservations, such as booking time to use a wire bonder. Service cores primarily offer specific services, such as a gene sequencing request. The reporting functionality groups a core into one of these general categories.

iLab reports are great for performing a quick check on key performance parameters for your shared research core facility. However, for more detailed analysis and control of the output, excel offers more options. To reduce facility director work, a Pitt-designed Excel template is provided on the [shared research facilities website](#). This Excel template produces graphs for data visualization and simplifies figure generation for analysis and reports. The reporting features and template described in this SOP are intended to enhance business awareness.

Scope:

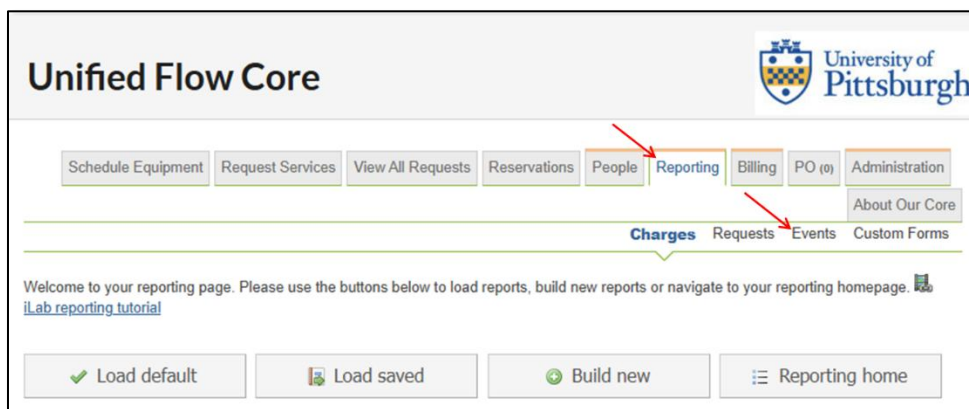
This SOP pertains to the Core Administrator and Core Manager roles in iLab. Institutional administrators also have this capability.

Core Charge and Event Reporting

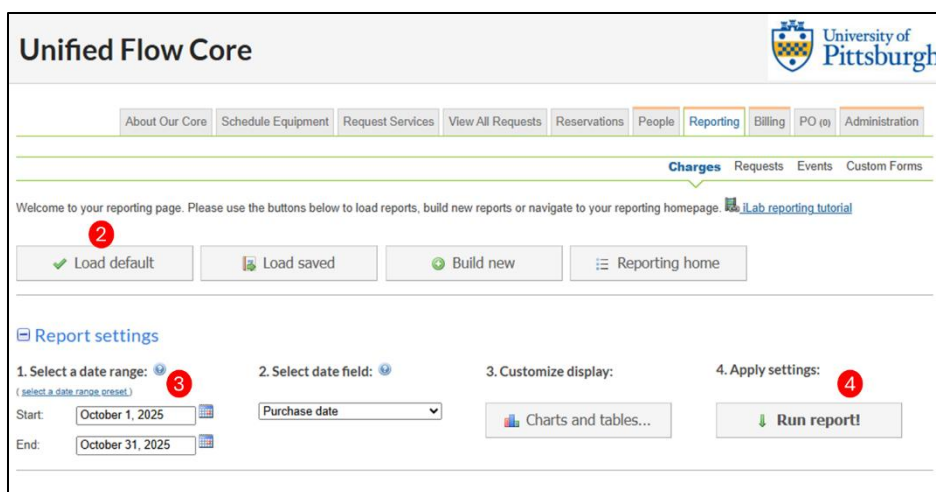
iLab Event Reporting Page for Scheduling Cores

The reports created on the iLab event reporting page can provide visualizations and details about equipment usage for scheduling cores.

1. Navigate to the 'Reporting' tab and 'Events' sub-tab of the core's iLab page.



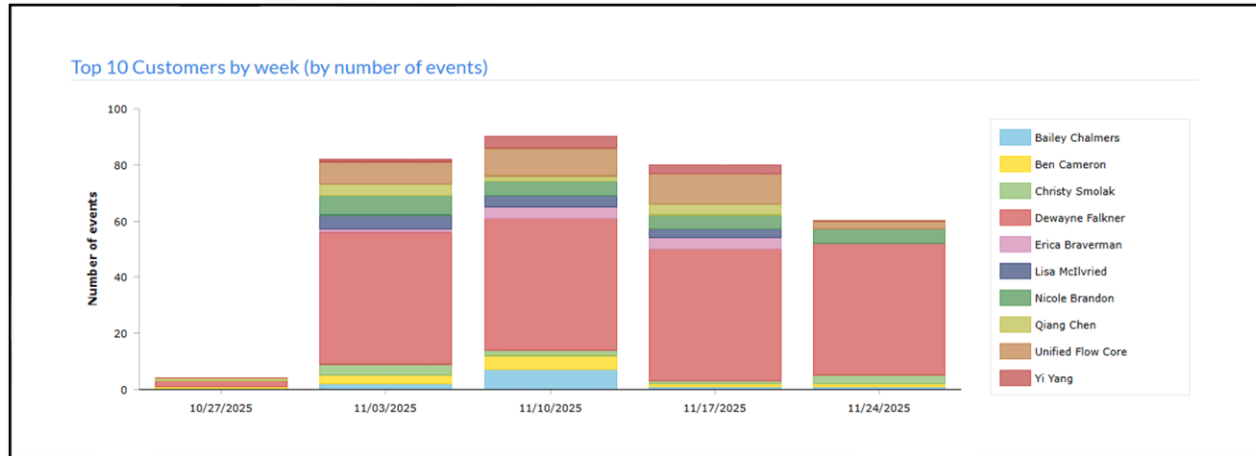
2. Click on 'Load default'.
3. Set the Date Range for the desired range (e.g. first and last day of the month).
4. Click on 'Run report!'.



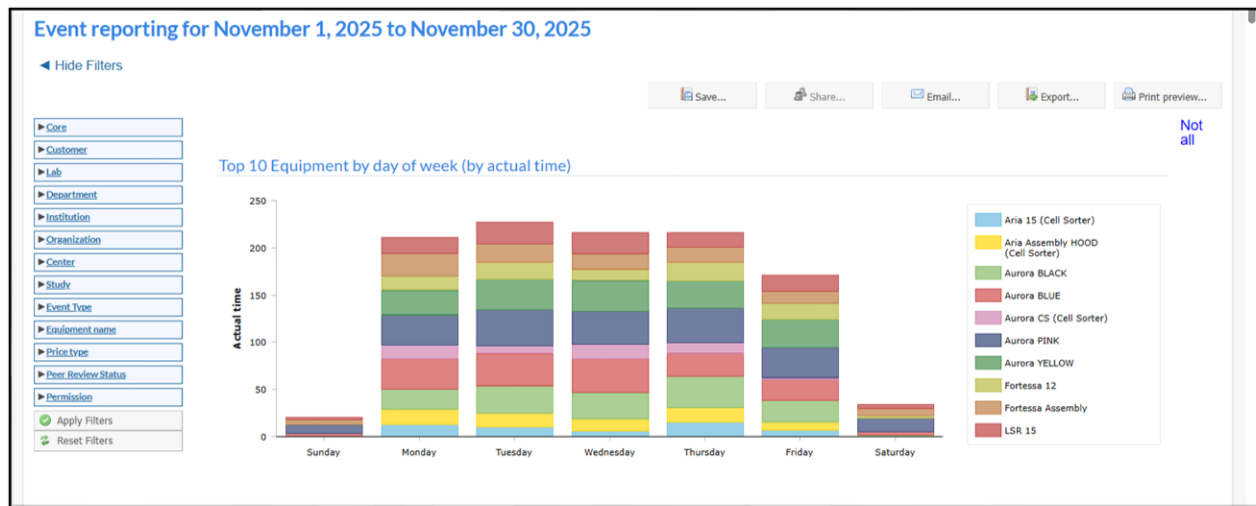
The default iLab event report displays an overview of highly used instruments and the most active labs for that core. Additionally, the individual equipment graphs of scheduled vs actual time could provide useful information for a scheduling core.

- i. Graph example displaying top users by week:

Core Charge and Event Reporting



ii. Graph example displaying highly used instruments by day of the week:



iii. Individual equipment graphs of scheduled vs actual time:

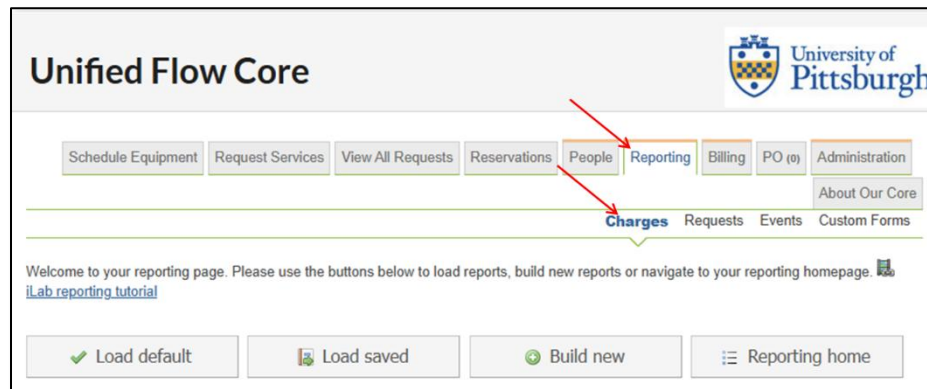


Core Charge and Event Reporting

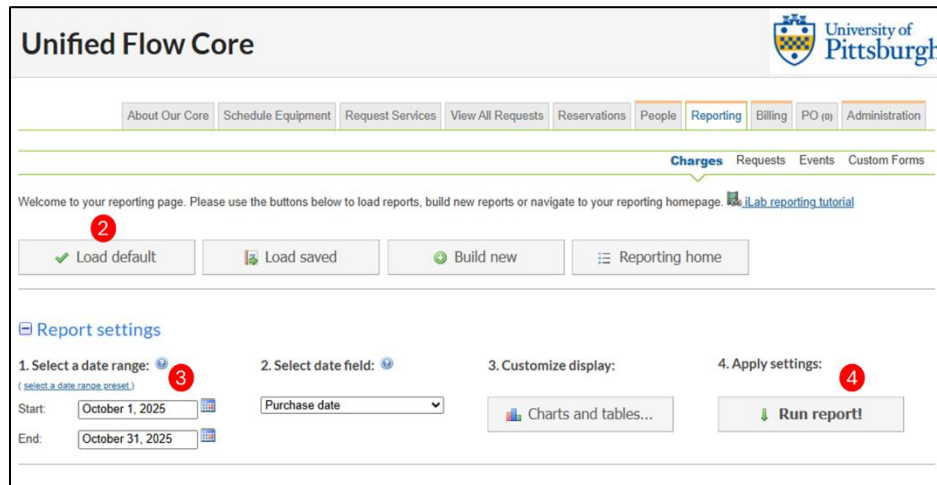
5. The dashboard display may not show all the reportable information, or you may wish to import the reports into a report. The export file that is obtained in the [next section](#) includes a comprehensive set of data regarding core use.

Directions for Exporting Data to Excel Template:

1. Navigate to the 'Reporting' tab and 'Charges' sub-tab of the core's iLab page.



2. Click on 'Load default'.
3. Set the Date Range for the desired range (e.g. first and last day of the month).
4. Click on 'Run report!'.



5. Click on 'Export' and select 'Source data as CSV/XLS' to download the CSV file.
6. Open the CSV file and click on the top left corner of the sheet to select all the data. Right click to copy the entire sheet.

Core Charge and Event Reporting

Charge reporting for October 1, 2025 to October 31, 2025 by purchase date

◀ Hide Filters

Save... Share... Email... Export... Print preview...

Core
Customer
Lab
Department
Institution
Organization

Services by week (by total cost)

Show 10 entries

Service Sep 29, 2025 Oct 6, 2025 Oct 13, 2025 Total

Export... menu:
Charts/tables as PDF
Source data as CSV/XLS
Data from charts/tables below as XLS
Data from charts/tables below as CSV

AutoSave OFF 10012025_10312025_charges_report_source_data_653941... Saved to this PC Search

FileHomeInsertDrawPage LayoutFormulasDataReviewViewAutomateHelp

PasteClipboardFontAlignmentNumberStylesConditional FormattingInsertDeleteFormatCellsEditingSensitivityAdd-ins

Aptos Narrow11A⁺A⁻

B*I*U

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ColorText

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\$%1/21/31/41/51/61/71/81/91/10

GeneralNumberStylesCells

POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Don't show again Save As...

A1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
1	User Login PI Email	Financial	Service ID	Service Type	Asset ID	Customer	Customer	Customer	Customer	Charge Number	Notes	Payment ID	Custom FI	IDC	Dept	I	Preparer	Entity	Dep	Status
2	ale148@p	jil612@pit	jil612@pit	UFC-AE-25	Equipment	542978	Allie Cermak	Kohan, Ali	MED	Med	University Aurora Black (Aurora:04-35448-29812-0000	IDC	UFC	I	Todd Lang	03	35224	complete		
3	anr506@p	mshlomcl	mshlomcl	UFC-AR-25	Equipment	542769	Alysa Evans	Lee, Youjin	MED	Imm	University Aria Assembly HOOE05-35510-00000-7187	IDC	UFC	I	Todd Lang	03	35224	complete		
4	anr506@p	mshlomcl	mshlomcl	UFC-AR-25	Equipment	542769	Andrew Richens	Shlomchil	Hillman C	University Aria Assembly HOOE05-35510-00000-1396	IDC	UFC	I	Todd Lang	03	35224	complete			
5	anr506@p	mshlomcl	mshlomcl	UFC-AR-25	Equipment	542769	Andrew Richens	Shlomchil	Hillman C	University Aria Assembly HOOE05-35510-00000-1396	IDC	UFC	I	Todd Lang	03	35224	complete			
6	btc66@pit	joglekar	joglekar	UFC-BC-25	Equipment	542760	Bailey Chalmers	Joglekar, J	Hillman C	University Attune NxT Assembly 04-35510-29792-0000	IDC	UFC	I	Todd Lang	03	35224	complete			
7	btc66@pit	joglekar	joglekar	UFC-BC-25	Equipment	542760	Bailey Chalmers	Joglekar, J	Hillman C	University Attune NxT Assembly 04-35510-29792-0000	IDC	UFC	I	Todd Lang	03	35224	complete			
8	bar23@pit	rothstein	esico	pit	UFC-BR-25	Equipment	542978	Balathiripura Ramar	Rothstein, MED	Surg	University Aurora Black (Aurora:05-35269-00000-1395	IDC	UFC	I	Todd Lang	03	35224	complete		
9	bar23@pit	rothstein	esico	pit	UFC-BR-25	Equipment	542978	Bei Zhang	Li, Song	EPHARM	University Aurora Black (Aurora:05-33203-00000-1391	IDC	UFC	I	Todd Lang	03	35224	complete		

- Paste the data into the 'iLab Charge Export' sheet of the iLab Charge and Event Report Workbook.

Search the menus

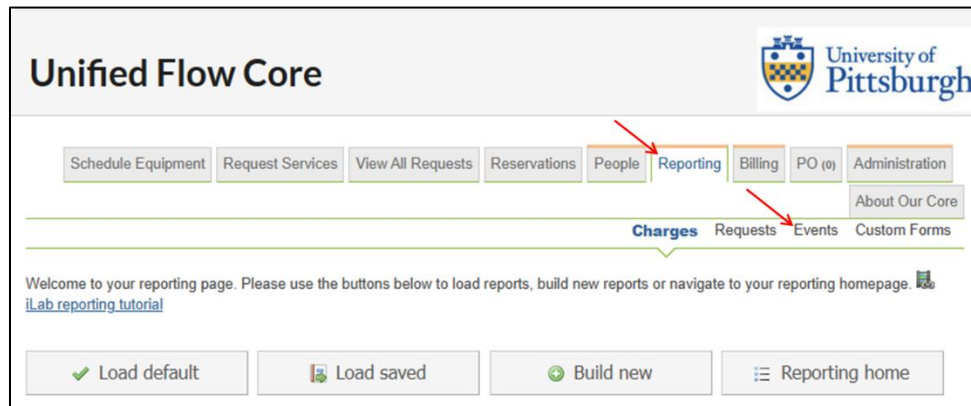
Cut Copy Paste Paste Options: Paste (P) Special... Insert Copied Cells Delete Clear Contents Quick Analysis Filter Sort Get Data from Table/Range... New Comment New Note Format Cells... Pick From Drop-down List... Define Name... Link Open Hyperlink Show Changes

iLab Charge Export iLab Event Export Revenue By

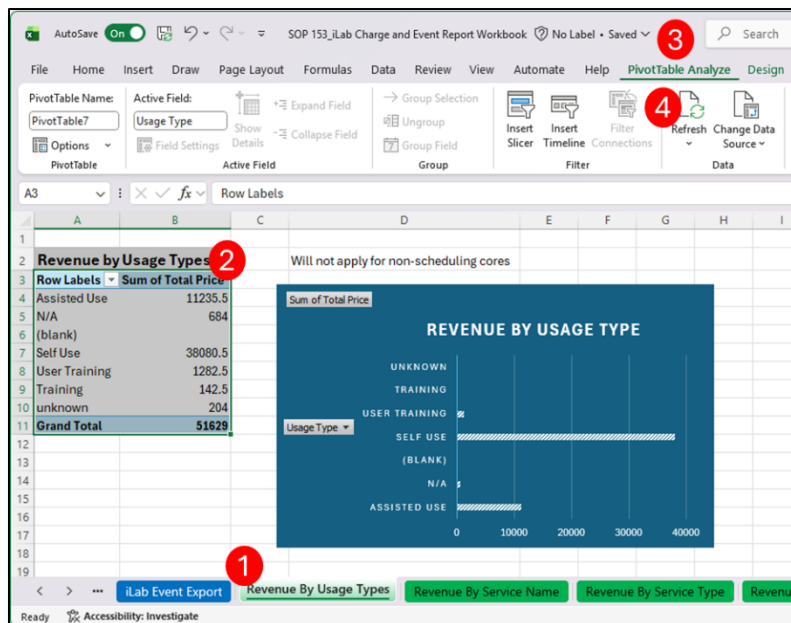
Select destination and press ENTER or choose Paste

Core Charge and Event Reporting

8. Navigate to the 'Reporting' tab and 'Events' sub-tab of the core's iLab page.



9. Follow steps 2-7 as described above but paste the exported data into the 'iLab Event Export' sheet of the workbook.
10. Each subsequent sheet in the excel workbook contains a report. For each report you wish to generate or update:
- Click on that tab.
 - Highlight the table.
 - Click on the 'PivotTable Analyze' tab.
 - Click on 'Refresh'.



iLab Charge and Event Report Workbook Template

The template contains multiple sheets/tabs which are described below. Each type of core (scheduling vs service core) will focus on different sheets to perform different types of analysis:

Core Charge and Event Reporting

- **Scheduling Cores:** Revenue By Usage Types, Actual vs Scheduled by Lab, Event Type by Count by Eq., Actual vs Sched hours by Eq., Eq. Utilization by Lab
- **Service Cores:** Revenue By Service Name, Revenue By Service Type
- **Both types:** Revenue by Dept, Revenue by Lab

Description of each sheet/tab:



- **iLab Charge Export:** Raw data that is exported directly from the Reporting→Charges section of iLab. Tables and graphs generated in subsequent tabs in gold are generated from the data copied into this sheet.
 - **Revenue By Usage Type:** Displays revenue by usage type, which is a predefined reservation type with specific scheduling and rate parameters (e.g. Assisted Use, Self Use, etc.). This graph shows how much revenue is associated with different usage categories.
 - **Revenue By Service Name:** Displays revenue by the individual service request names (or the individual 'charge' names). These are the services listed in the bottom panel of the 'Request Services' tab in a core's iLab page. This graph is useful to assess what services generate the most revenue.
 - **Revenue By Service Type:** Displays revenue by service request type as listed in the top panel of the 'Request Services' tab in a core's iLab page. These are the umbrella service offerings that cores set up to collect all information needed to start a project and are driven by the specific services listed in the bottom panel of the core's 'Request Services' tab. This provides a high-level view of what service types contribute to overall revenue.
 - **Revenue by Dept:** Displays revenue by department name. This data is useful for assessing a core's customer base by department.
 - **Revenue by Lab:** Displays revenue by lab name. This data is also useful for assessing a core's customer base, but separated by lab.
- **iLab Event Export:** Raw data that is exported directly from the Reporting→Events section of iLab. Tables and graphs generated in subsequent tabs in blue are generated from the data copied into this sheet.
 - **Actual vs Scheduled by Lab:** Displays the proportion of actual total number of hours versus scheduled total number of hours separated by lab. This graph is useful to assess if individual labs are scheduling equipment efficiently.
 - **Event Type by Count by Eq:** Displays the sum of event hours separated by equipment. Event types are: reservation, unavailable (for maintenance scheduling) or cancelled (for cancelled events). This graph is useful for assessing overall equipment usage.

Core Charge and Event Reporting

- **Actual vs Sched hours by Eq:** Displays the sum of actual hours versus scheduled hours by equipment. This graph is useful to assess scheduling efficiency and usage separated by equipment.
- **Eq Utilization by Lab:** Displays the total actual usage hours for each piece of equipment, broken down by lab. This graph is useful to assess which equipment is most utilized and which labs are the primary users of specific instruments.

References:

- [General Tips on iLab Reporting](#)

Approval Authorizations	Signature	Date
Robert Cunningham, <i>Vice Chancellor for Research Infrastructure, University of Pittsburgh</i>		2 Dec 2025
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