

# Export Your Cohort Data Between Platforms



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Emily is a Bioinformatics Systems Analyst at Paul Avillach's lab at Harvard Medical School. She specifically works on the data search and cohort building tool on BDC, PIC-SURE.

*This deck was presented in March 2024*

# Step 1: Create your cohort

- [Create a cohort in PIC-SURE](#):
  - Search phenotypes
  - Apply variable-level filters
  - Select variables for export
- Use Select and Package Data tool to “Export to Seven Bridges”
- Need two things to export:
  - Personal PIC-SURE token
  - Dataset ID

Export to NHLBI BioData Catalyst® Powered by Seven Bridges

After copying the Data Export from the PIC-SURE UI Public Project to your own workspace in Seven Bridges, you can copy and paste the following into fields of the “Data Export from PIC-SURE UI” task:

1. Personalized Token:

\*\*\*\*\*

Copy

Token expiration time: Sun Apr 07 2024 10:43:14 **Valid for 29 more days**

Username: ehughes812@gmail.com

Reveal

Refresh

2. Query ID:

dbcd09a-ea14-43b5-ad70-aba2297b2259

Copy Dataset ID

Run the “Data Export from PIC-SURE UI” task to export the dataframe into your project.

Cancel

Go to Seven Bridges ↗

## Step 2: Set up your project

- Set up your [Data Export project](#) in Seven Bridges
- Copy your PIC-SURE token over to Seven Bridges using [Secrets Management](#)
  - Add a new secret
  - Copy token into “Secret” field

The screenshot displays the BioData CATALYST web interface. The top navigation bar includes links for Projects, Data, Public Resources, and Developer. The main header shows the user 'emhughes1' and a notification bell. Below the header, the 'Dashboard' tab is active, displaying the project 'Emily's Data Export from the PIC-SURE UI'. The project description states: 'Data Export from the PIC-SURE UI' is a CWL tool created to improve interoperability between BioData Catalyst (BDC) and PIC-SURE BDC platforms. It exports selected data from the NHLBI BioData Catalyst® (BDC) Powered by PIC-SURE User Interface, or UI, into a BDC project using a query built in the PIC-SURE UI (Query ID), and the PIC-SURE API. The interface also shows a 'Members' section with 'emhughes1' as the owner, and an 'Analysis' section with a search bar. A task list at the bottom shows a completed task: 'Data Export from the PIC-SURE UI run - demo task' submitted by emhughes1 on Mar 8, 2024 at 9:52.

## Step 3: Export your data

- Fill out the fields in the task
  - Select new secret token
  - Name output
  - Paste Dataset ID

**DRAFT** Data Export from the PIC-SURE UI run - demo task Get support Discard Run

Last update by emhughes1 on Mar. 8, 2024 09:47  
App: Data Export from the PIC-SURE UI - Revision: 1

**Task Inputs** Execution Settings

**Inputs**

Batching ☐ Off ☒

There are no inputs for this task

**App Settings**

[Edit parameters](#) [Show editable](#)

Access token \*

CPU per job

Memory per job

Output file name

Output format

Query ID \*

**Output Settings**

Exported data

## Step 4: Start science!

Files

march\_community\_hours\_2024.csv

Edit Metadata

Copy

Move

Tags

Download

297.7 KiB (304,813 bytes) · Produced on March 8, 2024 10:06 (Eastern Standard Time), by Data Export from the PIC-SURE UI run - demo task · Modified on March 8, 2024 10:36 (Eastern Standard Time) · Hosted on AWS (us-east-1)

Metadata

Raw View

Preview

Search

Patient ID	\_consents\	\tutorial-biolincc_framingham\AGE\	\tutorial-biolincc_framingham\CIGPDAY\	\tutorial-biolincc_framingham\DIABETES\
191783	tutorial-biolincc_framingham	37	20	Not a diabetic
191784	tutorial-biolincc_framingham	38	15	Not a diabetic
191785	tutorial-biolincc_framingham	41	30	Not a diabetic
191786	tutorial-biolincc_framingham	64	Not current smoker	Diabetic
191787	tutorial-biolincc_framingham	55	Not current smoker	Not a diabetic