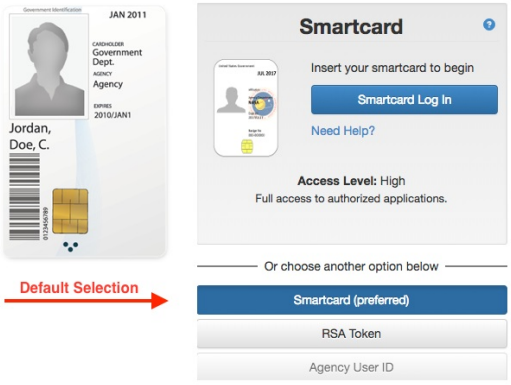
Monitoring with myNAS

In order to perform some basic tasks that use NAS web applications, such as changing your NAS password or logging into the myNAS portal, you must authenticate to NASA's Access Launchpad using your NASA Smartcard or RSA SecurID token.

Using Your NASA Smartcard

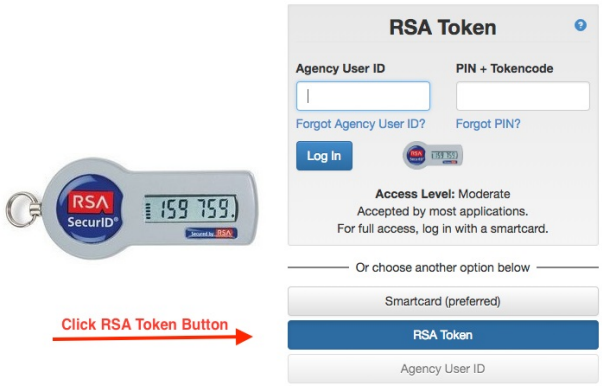
This is Launchpad's default option. Make sure **Smartcard (preferred)** is selected, insert your NASA smartcard into your workstation's card reader, and click **Smartcard Log In**, as shown below. Enter your PIN when prompted.



Using Your RSA SecurID Token

Select the **RSA Token** option, provide your Agency User ID, and enter your passcode, as shown below.

If you have an RSA SecurID fob, your passcode is your PIN + the token code displayed on the fob. If you have a soft token, enter your PIN in the RSA SecurID app to get the token code, then enter *only* the token code in the **PIN + Tokencode** field.



Once you are authenticated to Launchpad, you will be connected to the NAS password change form, the myNAS web portal, or another NAS web application to complete your task.

The myNAS web portal provides a central location where you can easily monitor all aspects of your NAS user account activity, including PBS jobs, resource allocations, and usage for the project group IDs (GIDs) you belong to. If you use the Shift tool to transfer your data, you can also check the status of your file transfers.

If you are a principal investigator (PI), you will see information about jobs and usage by all users who are assigned to your GIDs.

Follow this link to access the myNAS web portal: https://portal.nas.nasa.gov

Note: You will log into myNAS via NASA's Access Launchpad, using your NASA Smartcard or RSA SecurID token.

Home Page: Information at a Glance

Once you log in, myNAS will automatically load information for your NAS user account. On the home page, you will see:

- The number of jobs currently in each state (running, waiting, recently finished, and held)
- All of your jobs that recently changed state
- The status of your open support tickets
- An estimate of today's usage for each of your GIDs
- The latest HECC news and announcements
- Scheduled downtimes for all HECC resources

For more detailed information about all of your jobs, click **Jobs** in the navigation panel on the left side of the page. To check allocation and usage, click **Accounts**. To check storage quotas and usage, along with the status of file transfers, click **Data**.

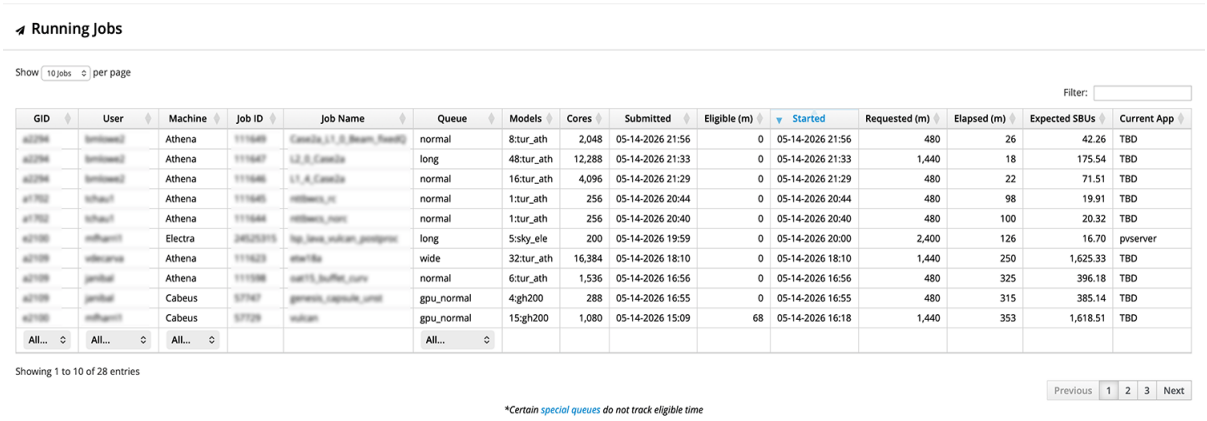
TIP: Take a quick feature tour of each myNAS page by clicking the question mark icon in the top right corner.

Jobs Page: Detailed Job Information

The **Jobs** page provides details about each of your running, waiting, recently finished, and held jobs, including:

- GID, job ID, and job name
- Requested queue, machine, processor model, and number of cores
- Date/time submitted, date/time started, and requested and elapsed time
- Number of standard billing units (SBUs) the job is expected to use
- Information about interrupted jobs, if applicable

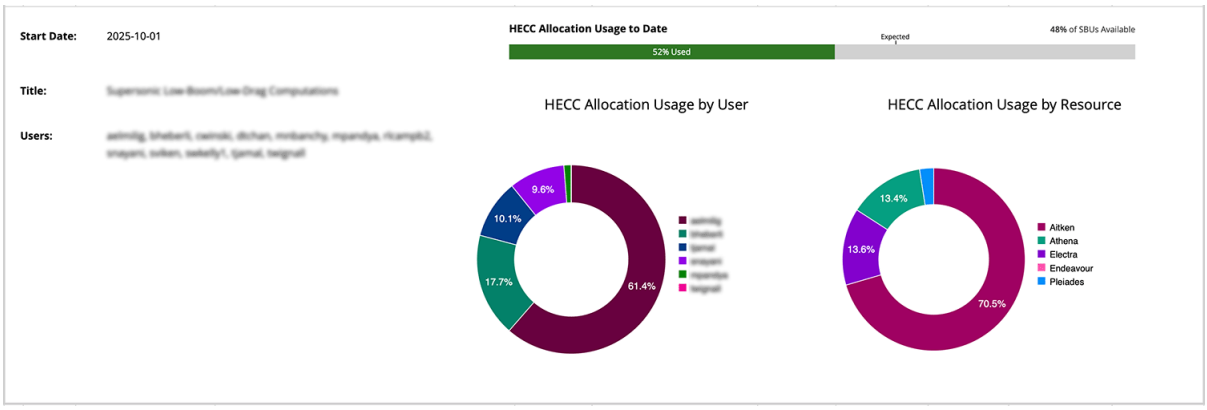
You can easily sort the tables by column and filter by any text string such as partial job name, model type, machine, and so on. For example:



Accounts Page: Detailed Allocation and Usage Information

The **Accounts** page provides information about all your GIDs, such as PI, project name, mission, and allocation, expected usage to date, and actual usage. If you have a GPU allocation, you will also see information about your GPU allocation and usage.

Click the disclosure arrow in the left column of any GID listed in the table to see interactive charts that provide allocation and usage information at a glance. The thermometers show overall allocation usage for the GID, while the first donut chart shows either your own usage (if you are an individual user) or usage for all GID members (if you are a PI). The second donut chart shows usage for the GID by resource (machine). For example:

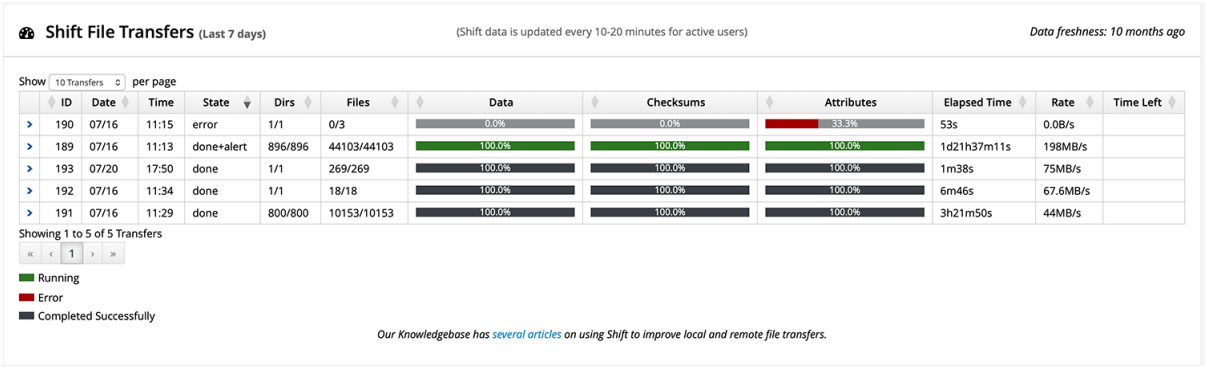


For those users in groups with GPU allocations, a second table will appear below the first one with similar information on GPU allocations and usage.

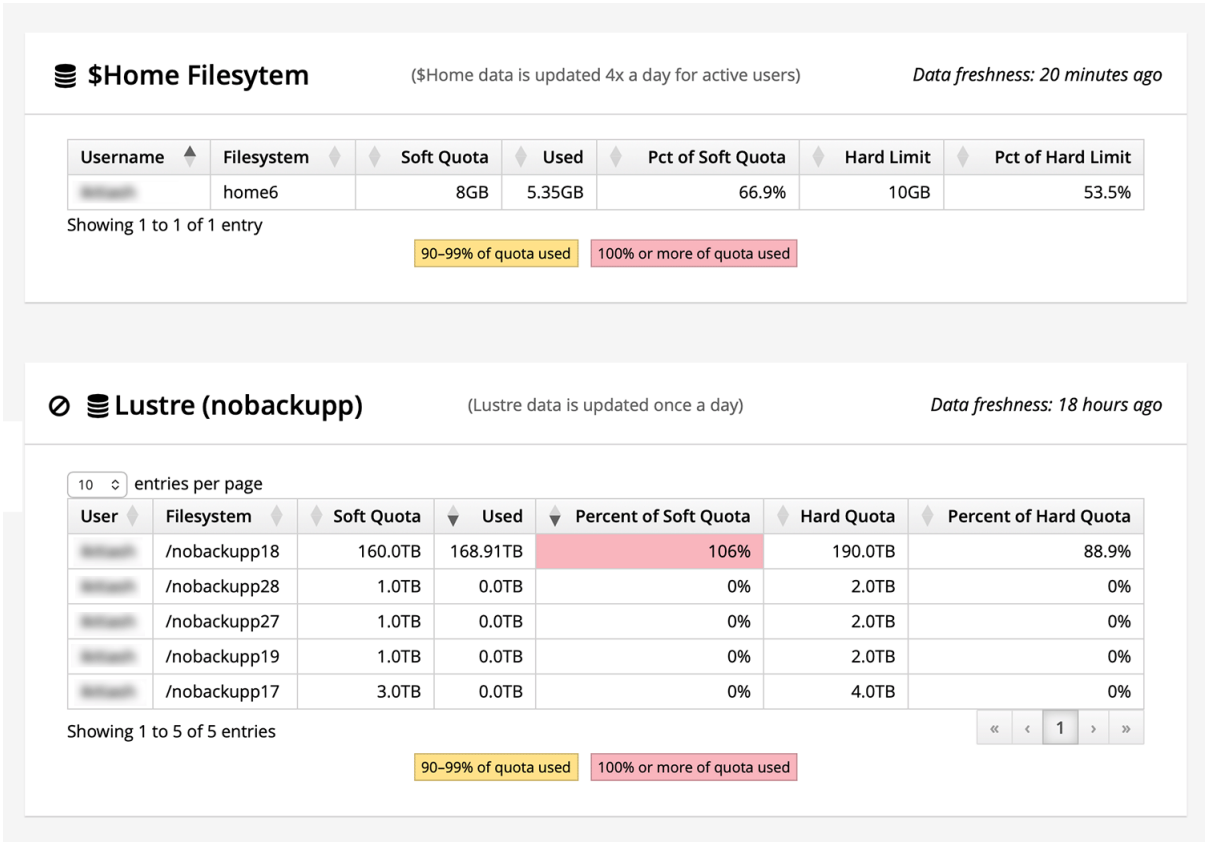
Data Page: Detailed Storage and Transfer Information

The **Data** page provides information about your Shift file transfers, $Home filesystem quota/usage, and Lustre (nobackupp) filesystem quota/usage.

The **Shift File Transfer table** shows the details and status of your Shiftc file transfers within the last seven days. Click on the disclosure arrow in the left column for a transfer to reveal more information about the source, destination, and initiating command.



The **$Home and Lustre (nobackkup) tables** show your current quotas and usage for each of the relevant filesystems.



Continuous Monitoring

We recommend bookmarking the myNAS website in your browser, and taking some time to explore all of the useful information that is available at a glance via interactive tables and charts. Once you are logged in, you can keep the browser window open to easily monitor your job and account activity.