iCER services were provided to 551 researchers in December.

**NUMBER OF USERS USING iCER SERVICES**

- **Batch Queue:** 399
  Users that run jobs on the main clusters
- **Developer Nodes:** 78
  Users that log into one of our developer nodes
- **Mapped Drives:** 100
  Users that map HPC drives to their local computer (using samba)
- **Tickets:** 182
  Users with active support tickets
- **Workshops:**
  No workshops were held in December 2016 due to the end of the semester and winter break.

**HPCC SOFTWARE USE: ALL MODULE LOAD COUNTS <100000**

HPCC loads software using modules, to meet the diverse needs of our researchers. Some modules are loaded by default for all users.

After taking out the default modules, the pie chart on the right shows more modules that users are choosing to include in their .bashrc files.

This chart excludes modules loaded less than 300 times, and the total of all of those modules is nearly 6000 load counts.
NUMBER OF USERS USING iCER COMPUTE SERVICES IN DECEMBER

This figure shows a breakdown of users that use iCER compute services:

353 users (319+30+4) login to developer nodes to submit jobs to the queue.

44 (41 + 3) users in December only used developer nodes to do their work. This includes users:
> Only need access to software (ex. Matlab, mathematica)
> Still in software development process and have not submitted a job
> Find development nodes are sufficient for their research.

47 users accessed iCER filesystems and did not run jobs

91 out of 490 users did not use the Batch Queue to run jobs

NUMBER OF USERS USING iCER SUPPORT SERVICES IN DECEMBER

This figure shows a breakdown of users that took advantage of ICER support services this month, total of 181. Note that no workshops were held in December due to end of semester and winter break.

COMPARISON BETWEEN NUMBER OF USERS USING iCER SUPPORT AND COMPUTE SERVICE IN DECEMBER

NUMBER OF MAPPED HOME DIRECTORIES PER SERVER IN DECEMBER