iCER services were provided to 914 researchers in October.

**Batch Queue:**
Users that run jobs on the main clusters

**Developer Nodes:**
Users that log into one of our developer nodes

**Mapped Drives:**
Users that map HPC drives to their local computer (using samba)

**Tickets:**
Users with active support tickets

**Workshops:**
Users that attended iCER supported workshops

**Office Hours:**
Users that attended iCER open office Hours (Mondays and Thursdays 1-2pm)

**NUMBER OF USERS USING iCER SERVICES IN OCTOBER**

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

**363 users (358+5)** are standard users that use the developer nodes to submit jobs to the queue. Note the 5 users did not log in but still had a job that was running. This includes users that may have jobs that finished in October but never logged in or users that had jobs that submitted other jobs.

**437 interactive users (416+21)** only use iCER 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.

**28 users used the iCER file systems to store their files.**
This figure shows a breakdown of users that use iCER support services. These support services include support tickets, iCER workshops, and office hours.

**List of ICER workshops in October:**
- Introduction to Linux/Unix
- Optimizing and Accelerating Your MATLAB Code
- Hands-On Introduction to Using MSU HPC
- Advanced Topics: Running & Managing Jobs
- Introduction to HPCC
- Data Analysis and Visualization with MATLAB

This graph shows the number of users that mapped home directory on each of the iCER file servers.

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