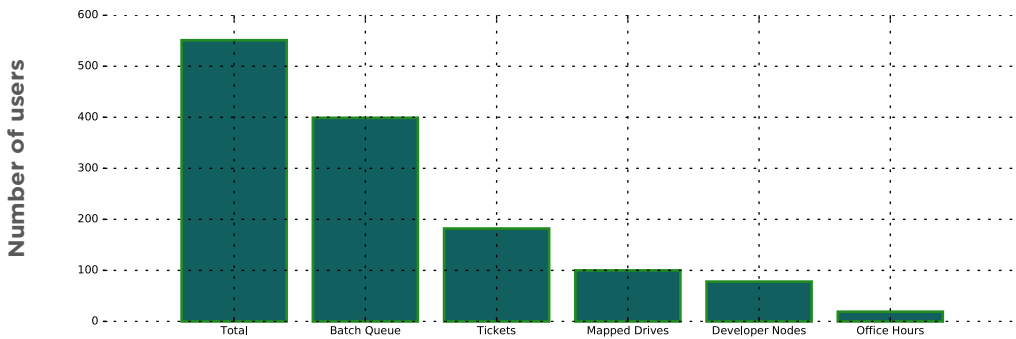


iCER SERVICE REPORT

DEC 2016

iCER services were provided to **551** researchers in December

NUMBER OF USERS USING iCER SERVICES DECEMBER 2016



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:

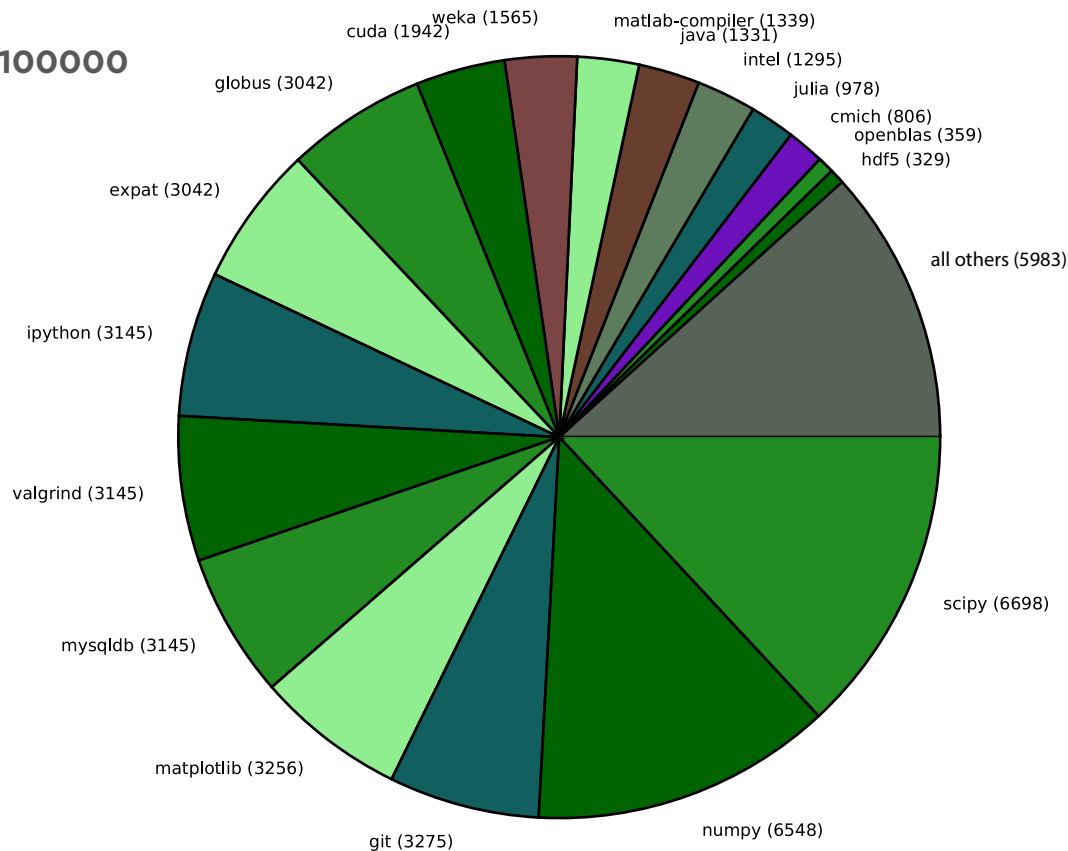
No workshops were held in December 2016 due to the end of the semester and winter break.

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.

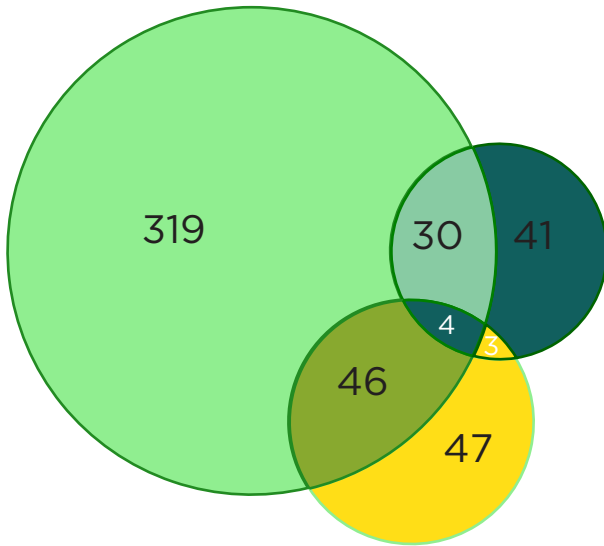
After taking out the default modules, the pie chart on the right shows more modules that users are choosing to include in their .bashrc files.

This chart excludes modules loaded less than 300 times, and the total of all of those modules is nearly 6000 load counts.



■ Login Nodes
 ■ Batch Queue
 ■ Mapped Home Drive

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.

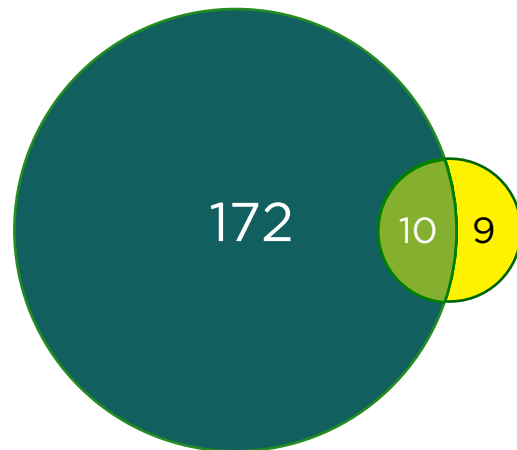
44 (41 + 3) users in December only used developer nodes to do their work. This includes users:
 > Only need access to software (ex. Matlab, mathematica)
 > Still in software development process and have not submitted a job
 > Find development nodes are sufficient for their research.

47 users accessed iCER filesystems and did not run jobs
91 out of 490 users did not use the Batch Queue to run jobs

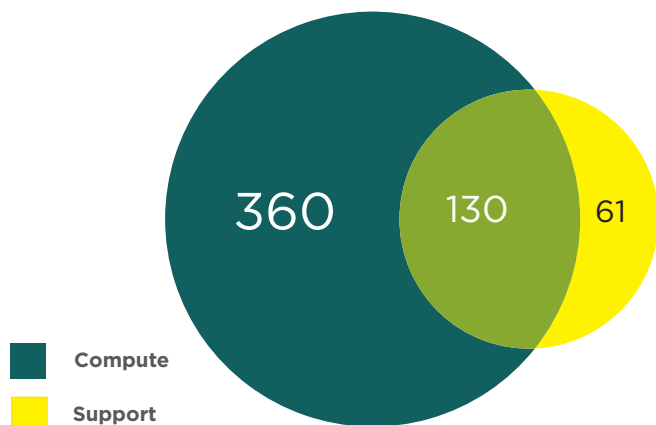
NUMBER OF USERS USING ICER SUPPORT SERVICES IN DECEMBER

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.

■ Tickets
 ■ Office Hour



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



NUMBER OF MAPPED HOME DIRECTORIES PER SERVER IN DECEMBER

