ICER SERVICE REPORT

NUMBER OF RESEARCHERS UTILIZING ICER'S SERVICES

1,811

Support 8%
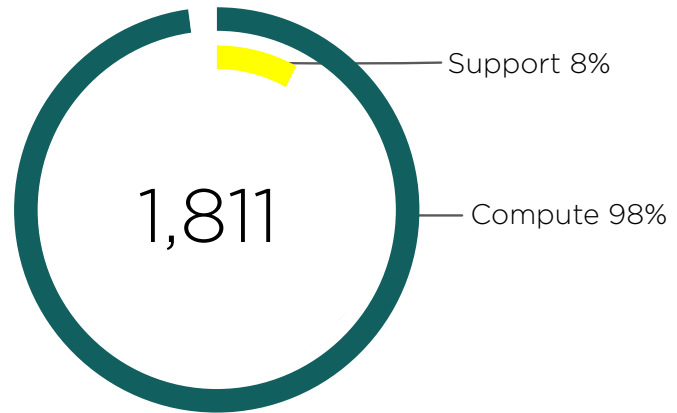
Compute 98%

Batch Queue/Cluster　　**Developer/Login Nodes**

NUMBER OF USERS ACCESSING ICER COMPUTE SERVICES

66　608　1106
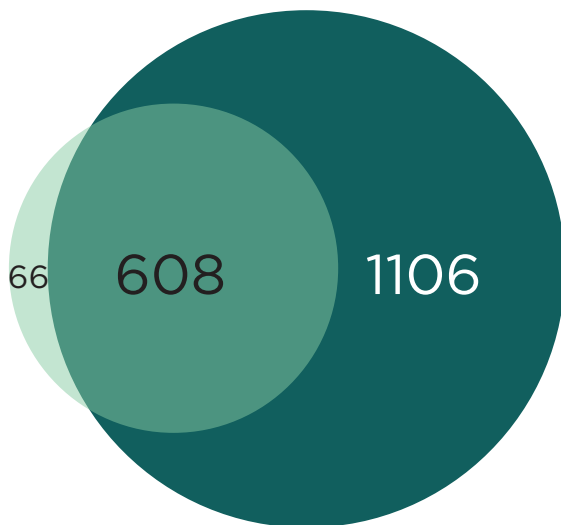
This figure shows a breakdown of users who accessed ICER compute services:
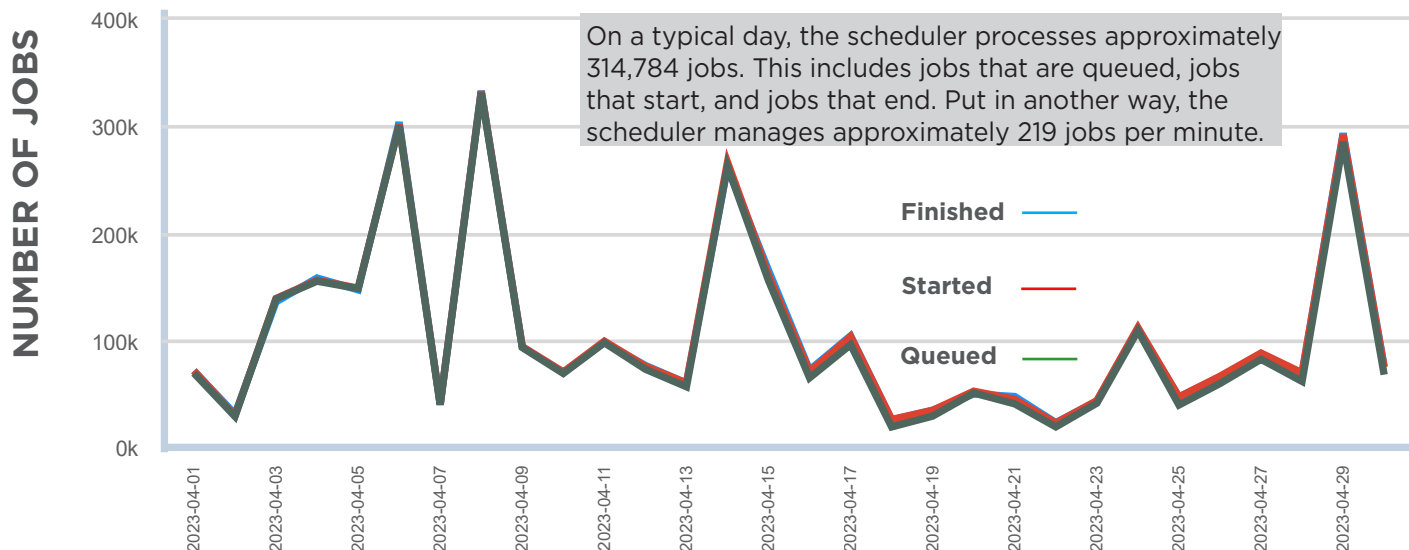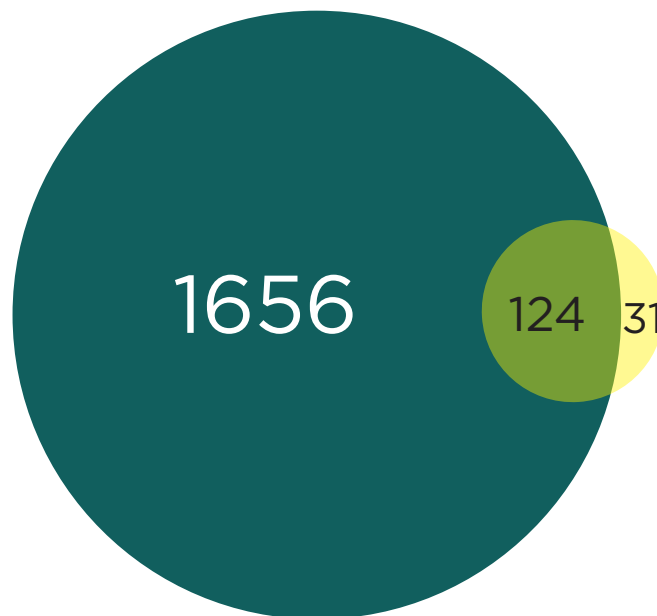**608 users accessed the developer nodes to submit jobs to the queue.**

1,106 interactive users utilized only ICER developer nodes to do their work. This includes users who:
> Only need access to software (ex. Matlab, mathematica)
> Are still in the software development process and have not submitted a job
> Find development nodes sufficient for their research.

90
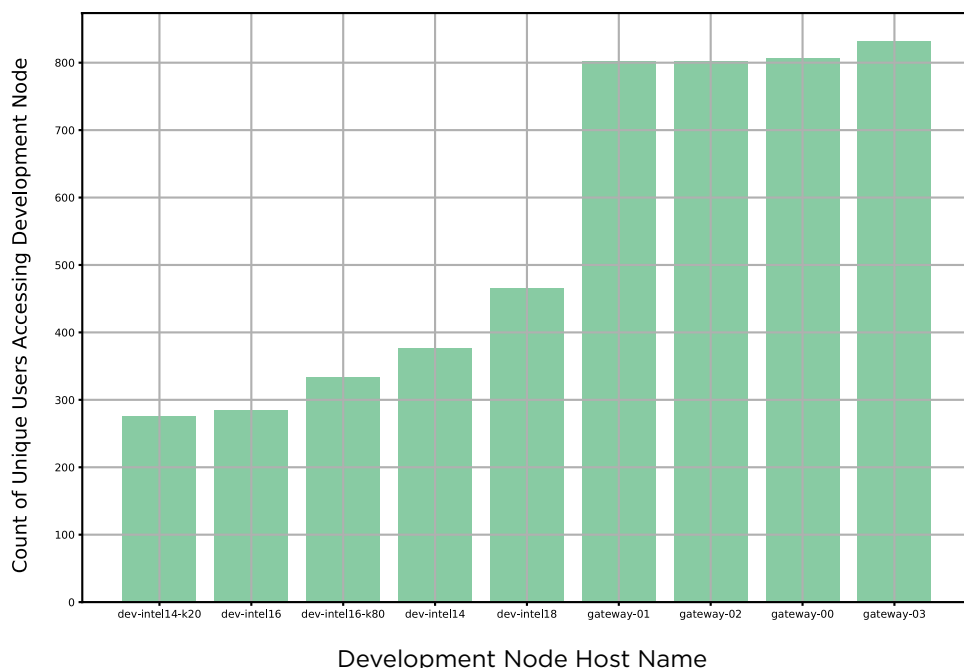**New User Accounts created**
in April

COMPARISON BETWEEN NUMBER OF USERS USING ICER SUPPORT AND COMPUTE SERVICE

1656   124   31

■ Compute

■ Support

NUMBER OF JOBS

400k

300k

200k

100k

0k

On a typical day, the scheduler processes approximately 314,784 jobs. This includes jobs that are queued, jobs that start, and jobs that end. Put in another way, the scheduler manages approximately 219 jobs per minute.

Finished ——

Started ——

Queued ——

2023-04-01
2023-04-03
2023-04-05
2023-04-07
2023-04-09
2023-04-11
2023-04-13
2023-04-15
2023-04-17
2023-04-19
2023-04-21
2023-04-23
2023-04-25
2023-04-27
2023-04-29

COUNT OF UNIQUE USERS ACCESSING DEVELOPMENT NODES

Count of Unique Users Accessing Development Node

800

700

600

500

400

300

200

100

0

dev-intel14-k20   dev-intel16   dev-intel16-k80   dev-intel14   dev-intel18   gateway-01   gateway-02   gateway-00   gateway-03

Development Node Host Name

TICKET ACTIVITY SUMMARY

250 — Tickets **Created**

349 — Tickets **Updated**

255 — Tickets **Resolved**

12 — **Open** Tickets

TICKET MESSAGE SUMMARY

739
Total Users' Messages

400
Total ICER's Messages

MAY TOPIC OF THE MONTH

CLAIRE KOPENHAFER
ICER Research Consultant

CHANGES TO SRUN FOR JOBS WITH MULTIPLE CPUS PER TASK

TICKET RESOLUTION DATA

288
Messages answered in April

- 46.88%
- 8.68%
- 13.89%
- 4.89%
- 31.25%
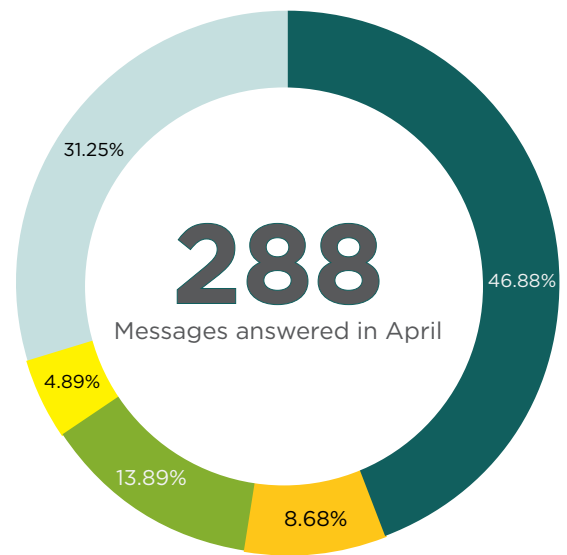
- ■ Messages answered within 5 hours
- ■ Messages answered within 5 - 12 hours
- ■ Messages answered within 12 hours - 24 hours
- ■ Messages answered within 24 hours - 2 day
- ■ Messages answered in more than 2 days

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