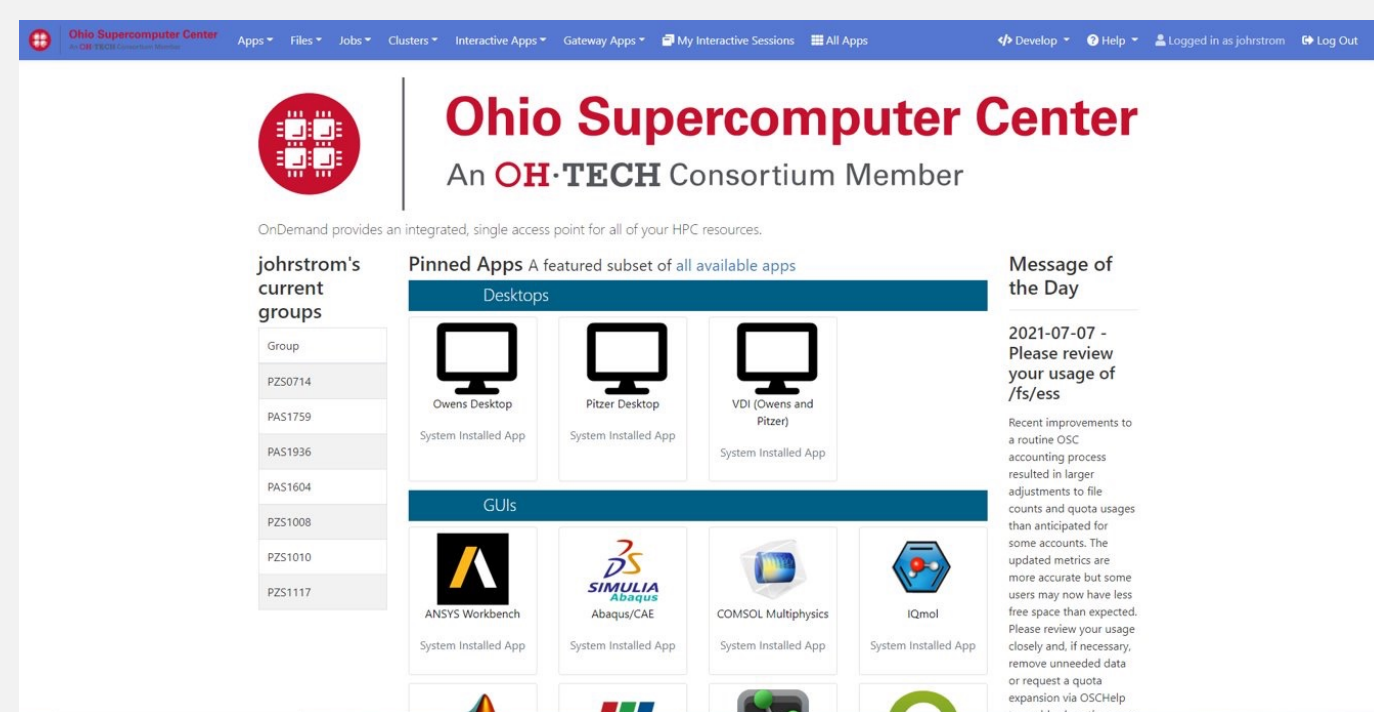# HPC with OPEN OnDemand and XDMoD

PI: David Hudak, Ph.D., Ohio Supercomputer Center

Use the web to access HPC systems and software

Makes it easy and useful

- No client installation required
- Access from anywhere, any device
- Use the same tools everywhere
- Plugins can be made for any application
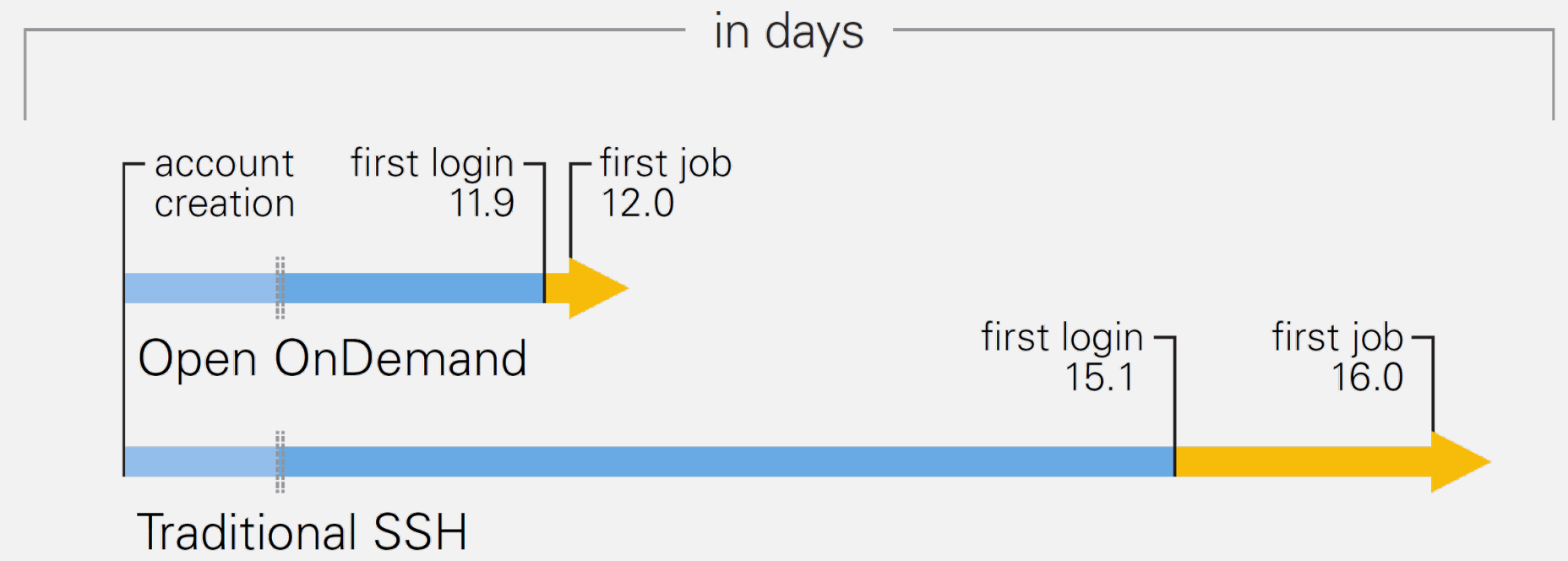
Example: Quick launch dashboard

Example: Jupyter Notebook – Python IDE

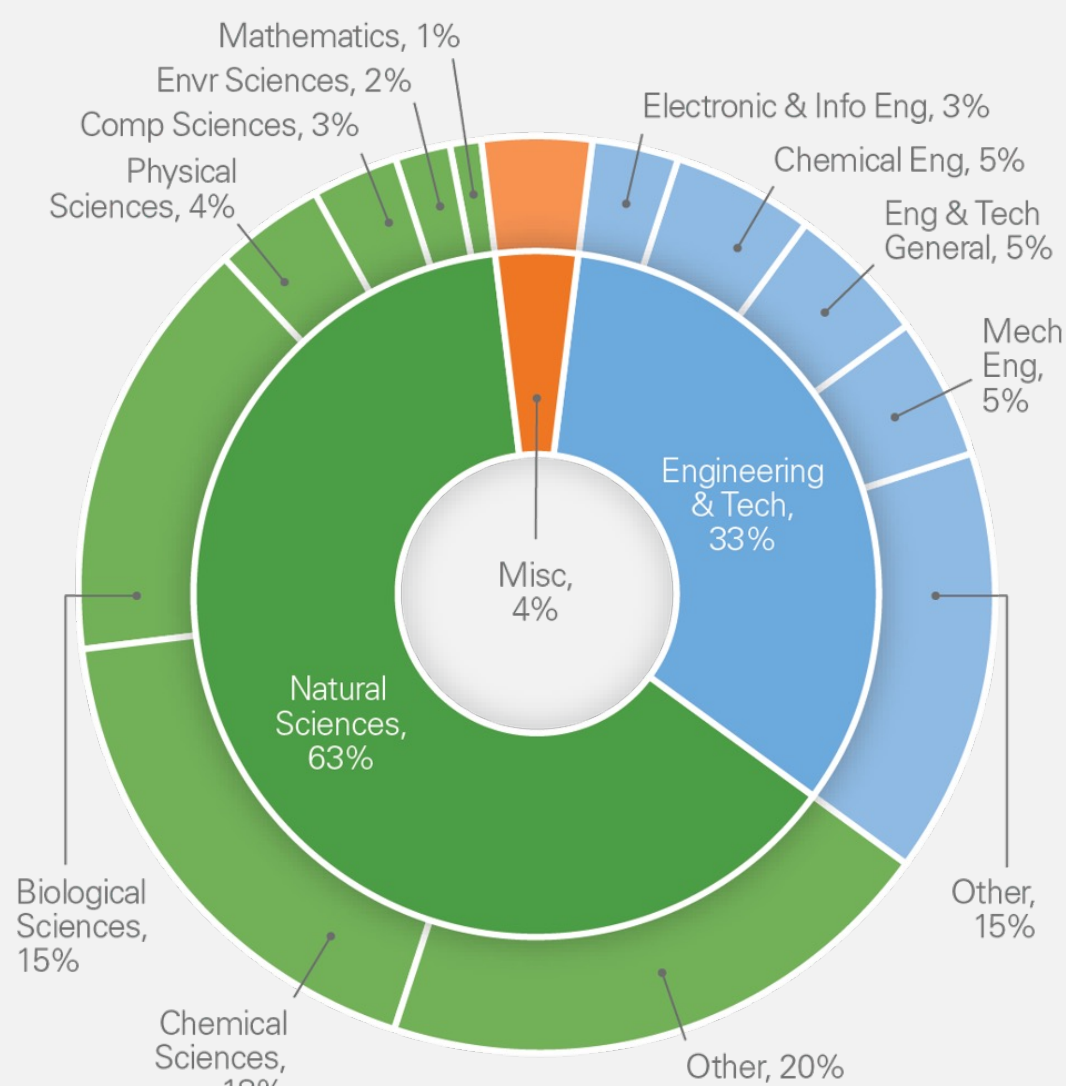
Applicable to many scientific domains

Makes it impactful

- Attracts non-traditional HPC clients
- Reduces the time to science

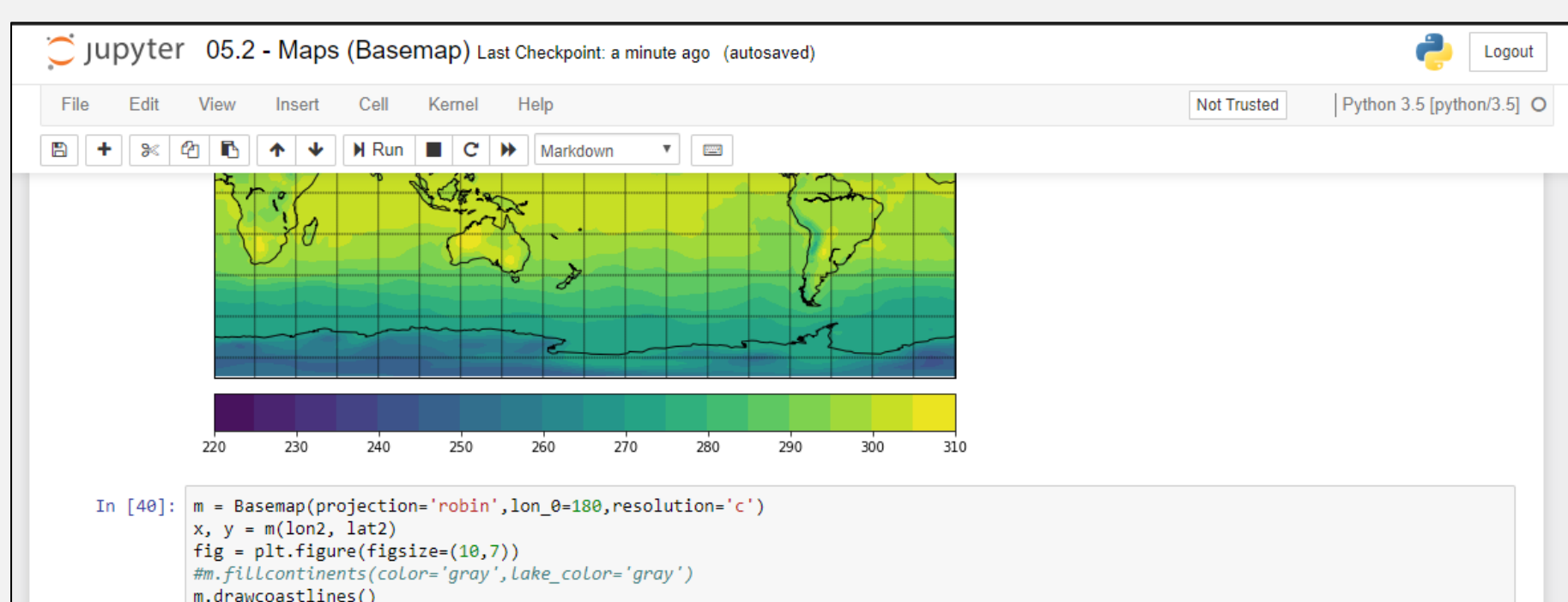Example: OSC clients start work faster

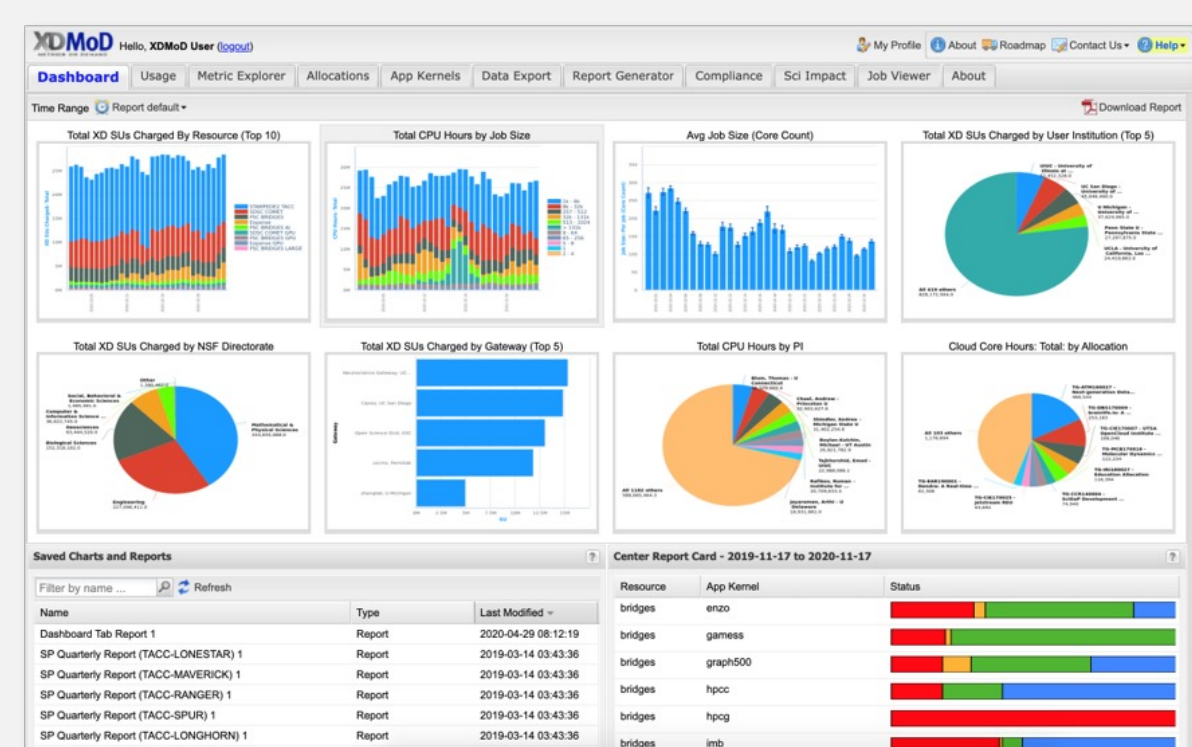Example: OSC clients from many fields

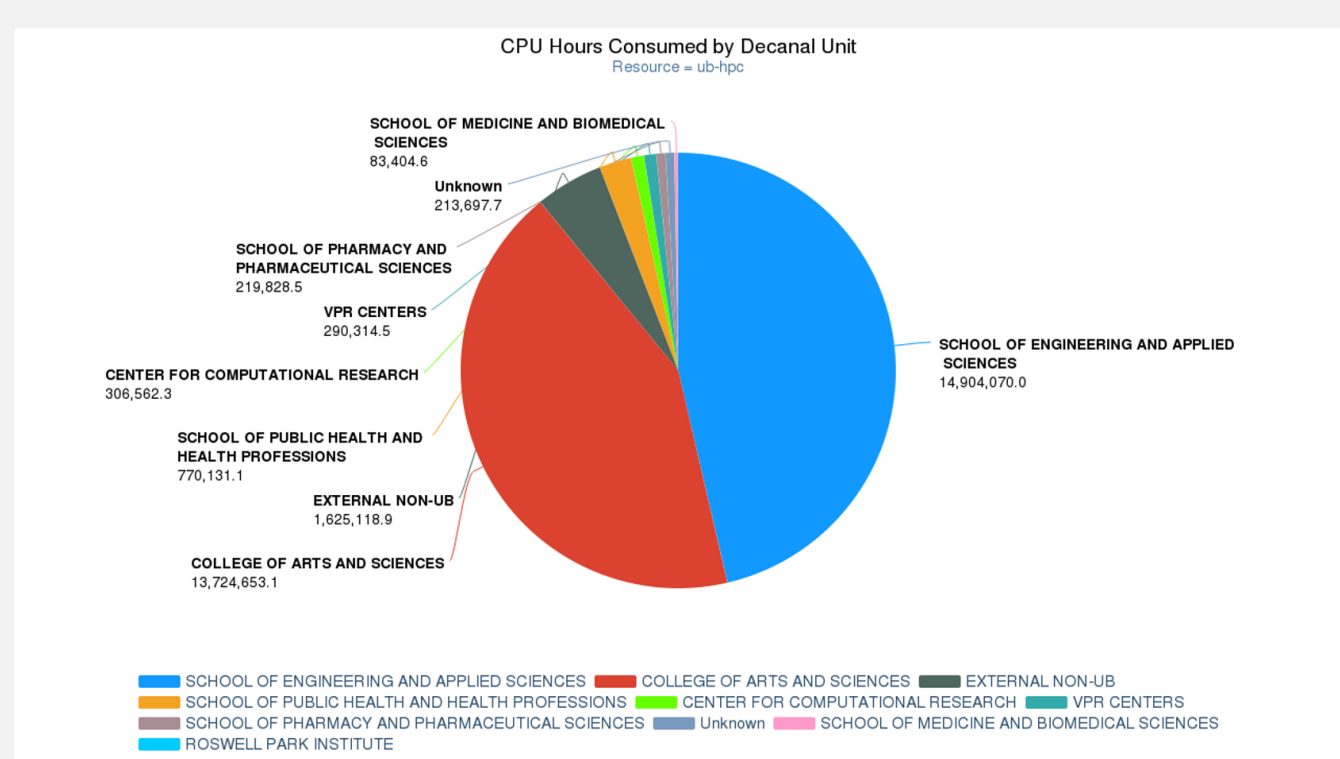## Metrics to improve inform users and sites of resource use

Makes it efficient and relevant

- Use metrics to inform users of use
- Center metrics to inform ROI discussions

Example: Job metrics
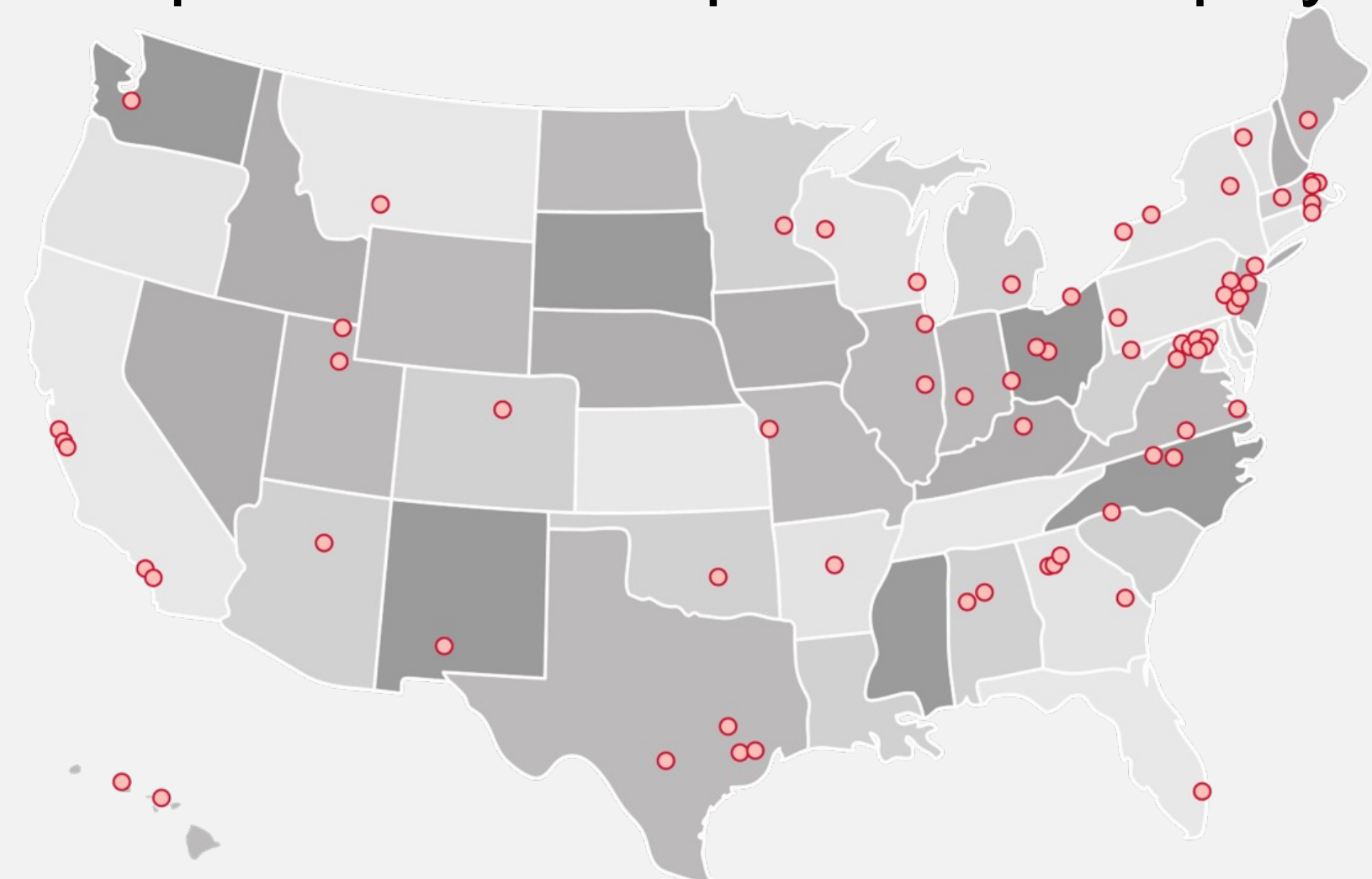

Example: Center metrics by department

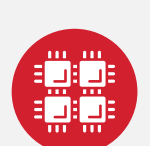## Installed all over the US and beyond

Makes it a community

- Easily customizable by local sysadmins
- Open sourced and actively supported

Example: Dozens of production deployments

Learn more!
Documentation, code repository, discussion forums, and materials available at:

http://openondemand.org/

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