

## ATLAS and CMS Usage on the Open Science Grid



Open Science Grid

We give here a summary of the operational parameters of the LHC VOs on OSG over the past few months. These are derived from the OSG accounting information, VO data transport and dashboards, and checked with the US LHC software and computing management before distribution.

We are interested in feedback on the usefulness of this information, and once a useful set of thumbnails is agreed upon will be updating them monthly and posting them as part of the “Usage Stats” information off of the OSG web site.

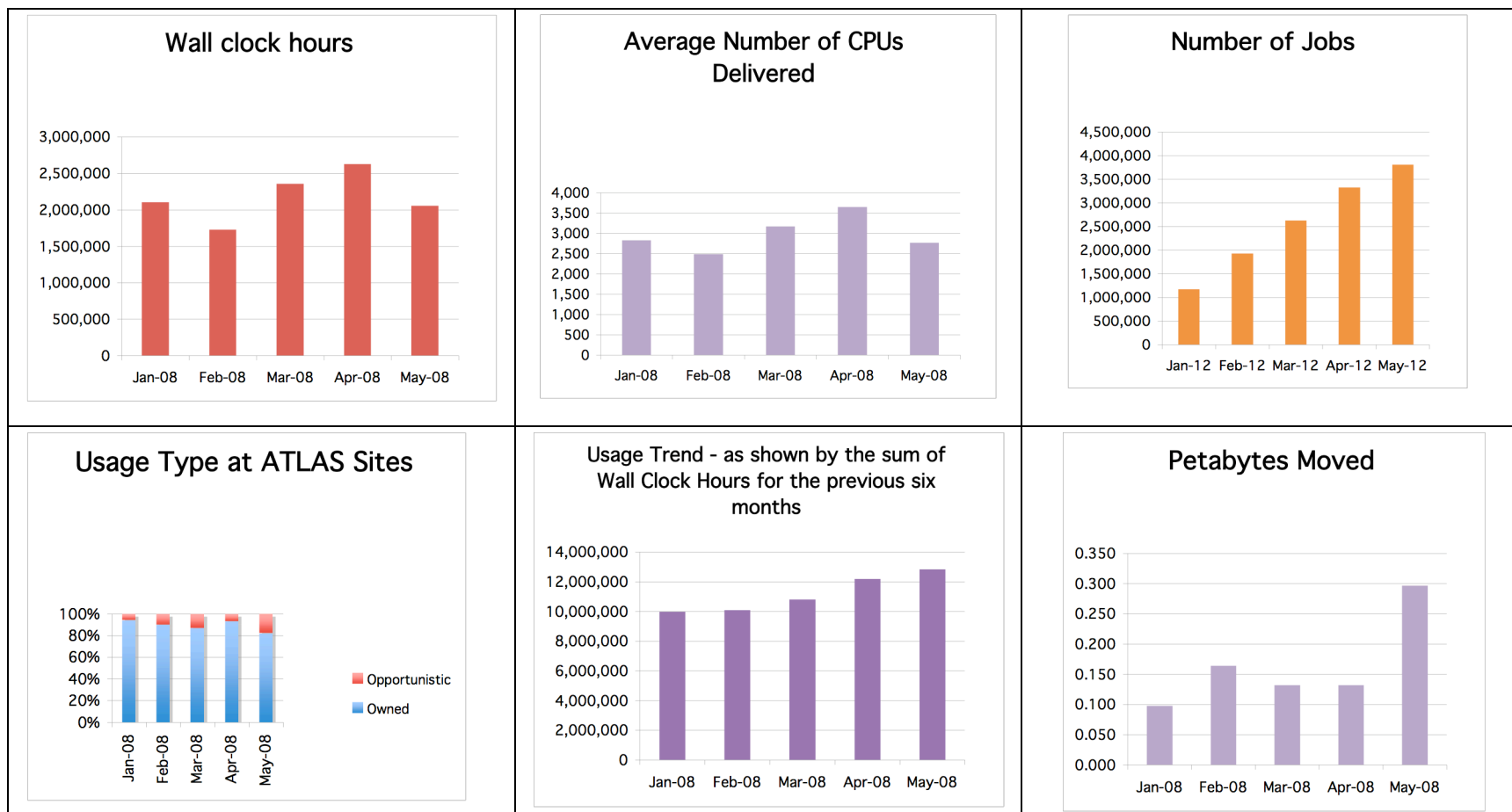
Except for the “Six Month Sum” these report amounts for a single month. The Six Month sum is the sum of Wall Clock Hours for the past six months, including the month under which the value is reported; the variation is often related to the cycle of new versions of the production software of the experiments. Usage goes down as new versions are being released and validated.

These numbers reflect raw usage of the infrastructure and do not, yet, take account of the success, retries or failure of the transaction – job execution or file transfer.

Future reports will include a direct comparison to and discussion of the values reported by the WLCG.

# ATLAS and CMS Usage on the Open Science Grid

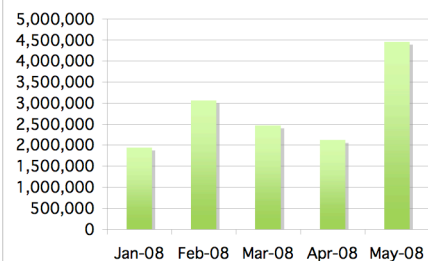
## ATLAS Operations



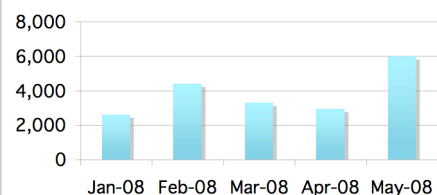
# ATLAS and CMS Usage on the Open Science Grid

## CMS Operations

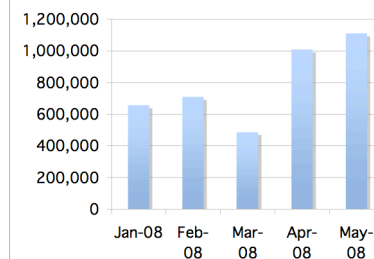
Wall clock hours



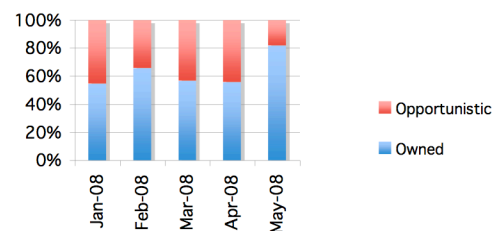
Average Number of CPUs Delivered



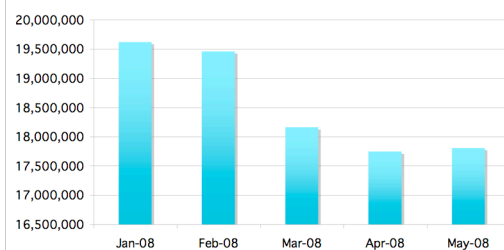
Number of Jobs



Usage Type at CMS Sites



Usage Trend - as shown by the sum of Wall Clock Hours for the previous six months



Petabytes Moved

