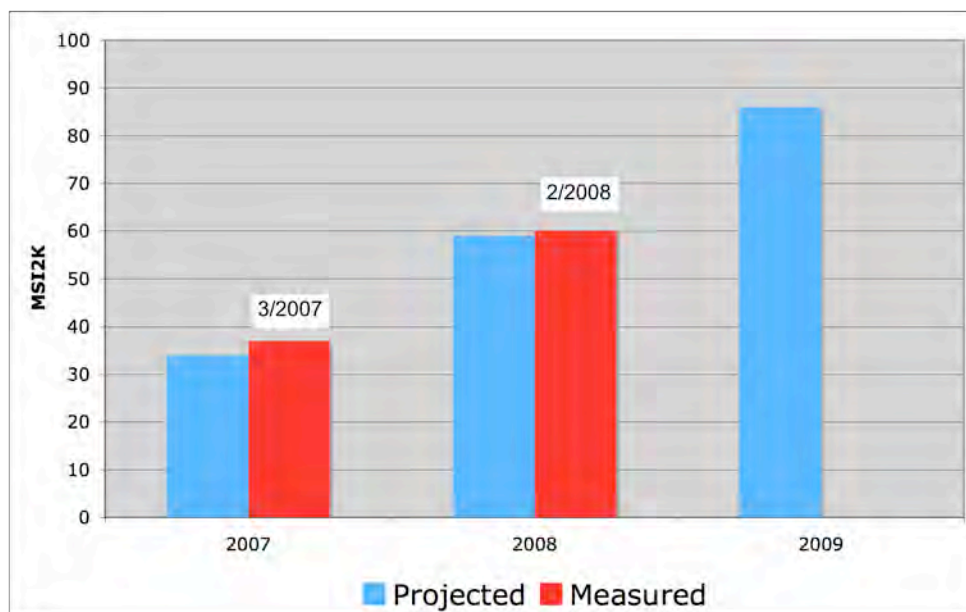




Measurement of MSI2K Accessible to the OSG Infrastructure, February 2008



We show the total MSI2K accessible to the OSG infrastructure as proposed in the initial project execution plan and as measured in March 2007 and February 2008.

The 2007 measurement was made through a manual survey of processing resources. Only 40% of the sites responded and a projection to 100% was then made. (This report was sent to the JOT and Council last year and is available on request from the OSG document repository).

The 2008 measurement was made through the number reported by the OSG Information Service (Generic Information Provider). 63 resources reported (~85%) and 3 by hand corrections had to be made. We have not to date independently validated the result. We know that the number fluctuates for specific activities. Examples we would note are for the ATLAS analysis challenges and through guaranteed commitments during the 2007 D0 reprocessing effort.

It should be remembered that this is the MSI2K reported as **accessible** to the shared infrastructure on a particular day. Local **policies govern the use** of the resources, and only a percentage of the resources are usable by organizations other than those that own them.

The maximum current usage of OSG is 16,000 CPU Wall Clock Days/Day, with 80% of the sites reporting to the accounting system. The usage has dropped somewhat in the last week due to a hiatus in ATLAS event production and analysis.