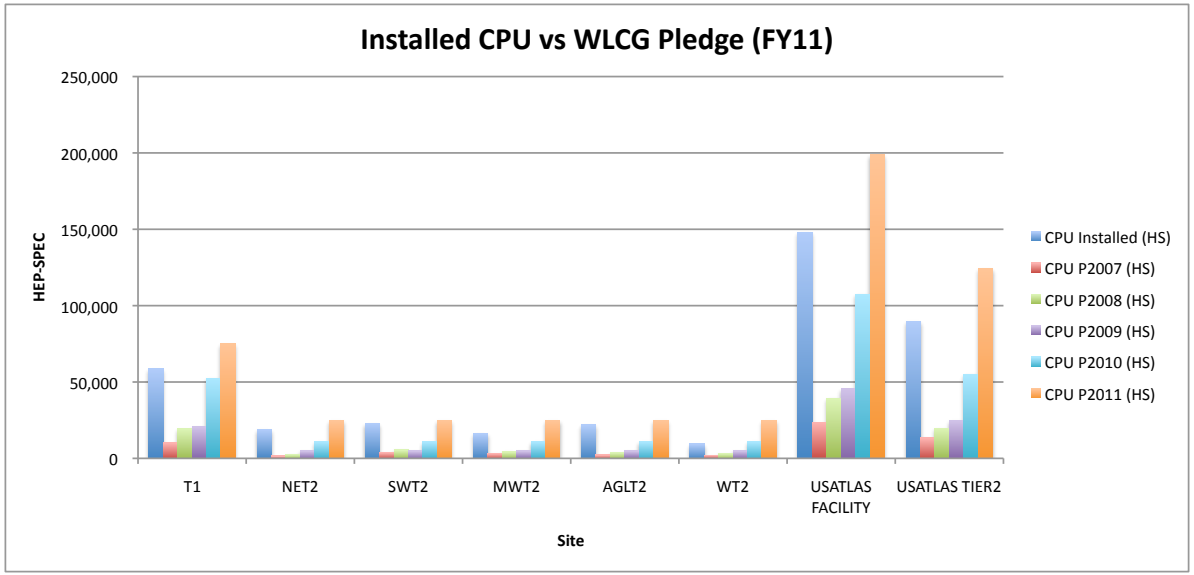
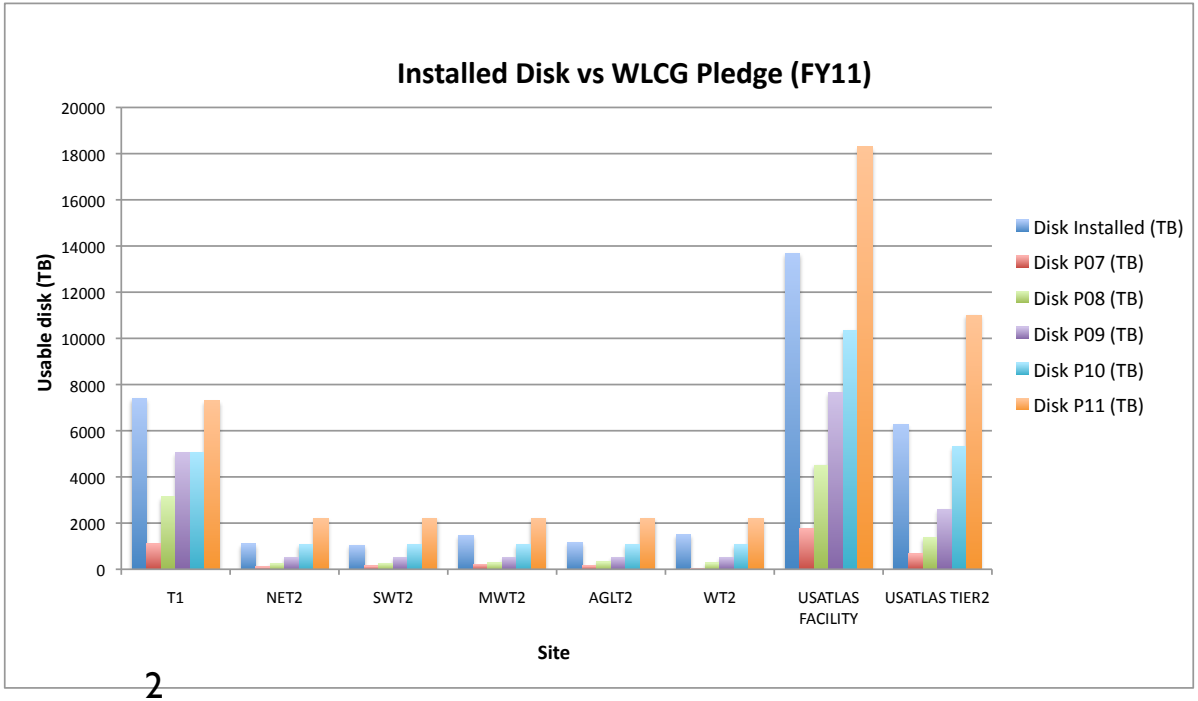
US ATLAS Installed Capacity Update

11-3-10

Full Facility

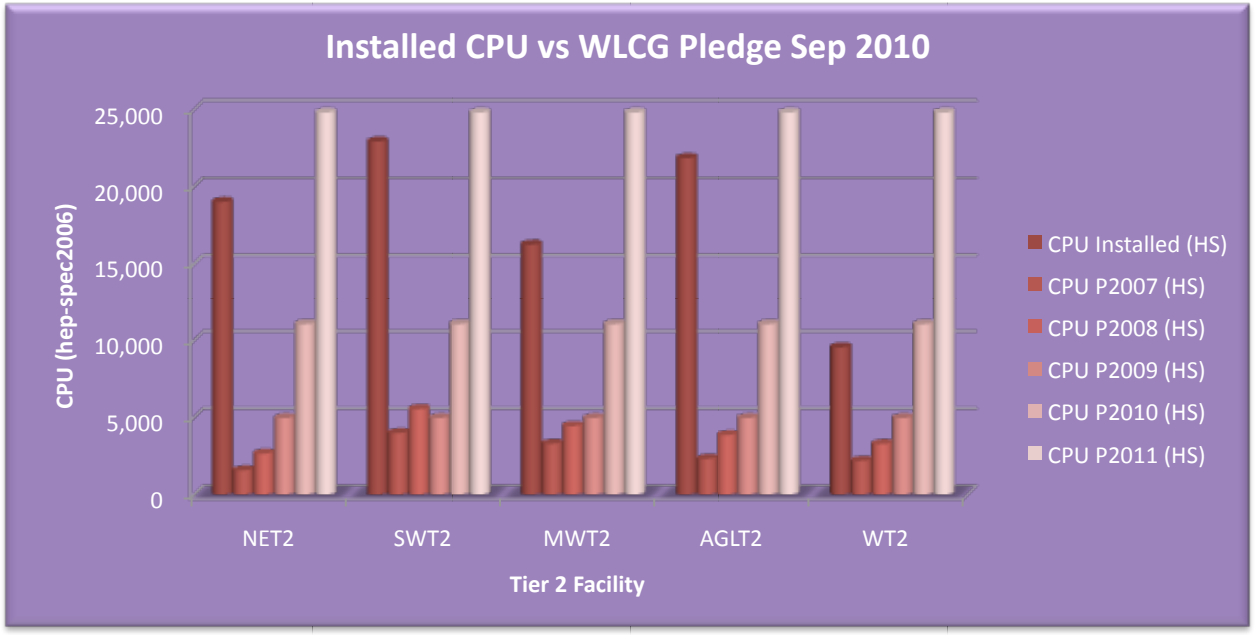
- Comparing to WLCG pledges
- Effective installed end of September 2010 (end of FY10)
- All plots based on reported capacities by sites

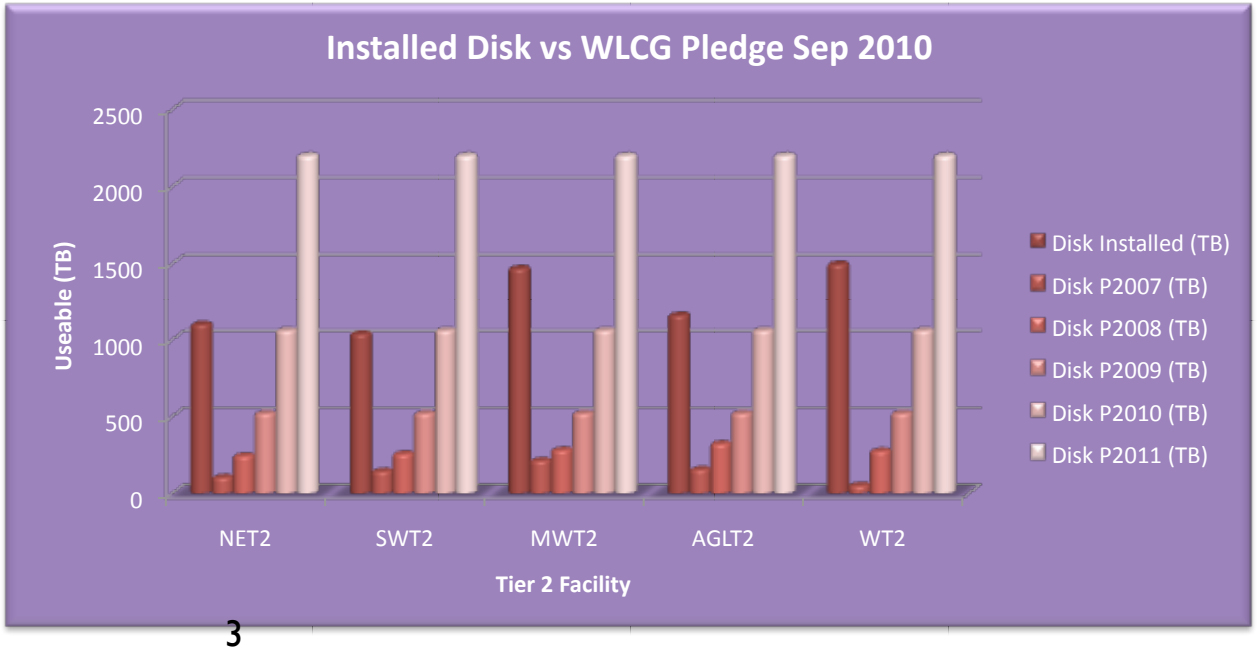




Tier2 View

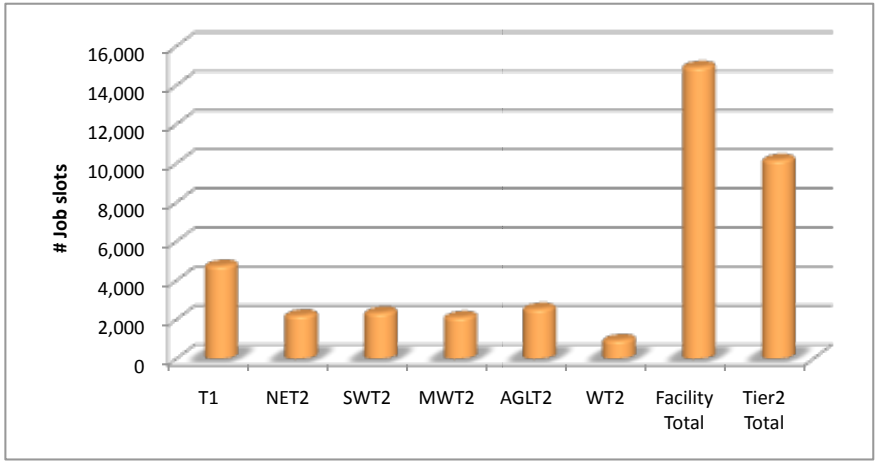
- At or ahead of schedule for CPU for each Tier2
- Some remaining FY10 funds to be spent to picture is a bit better than this
- Another jump in storage next year - expect this to be a challenge again

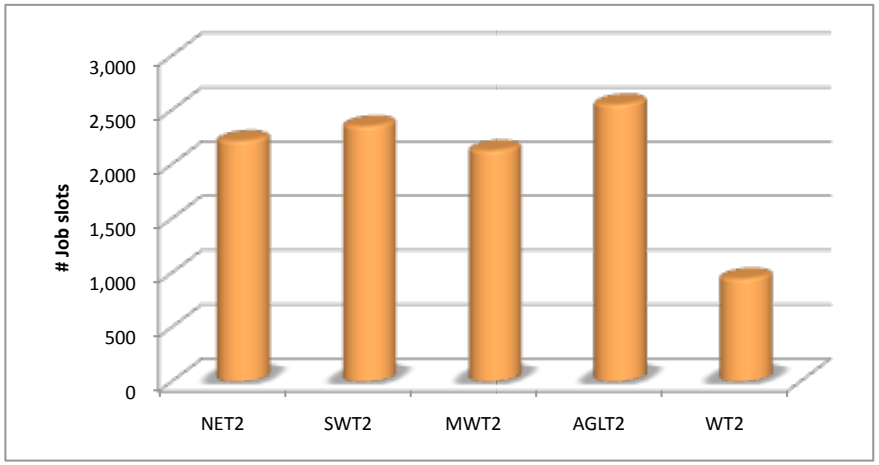




Job slots deployed

- count job slots rather than "cores" for hyperthreading
- would like to distinguish analysis-capable in these totals



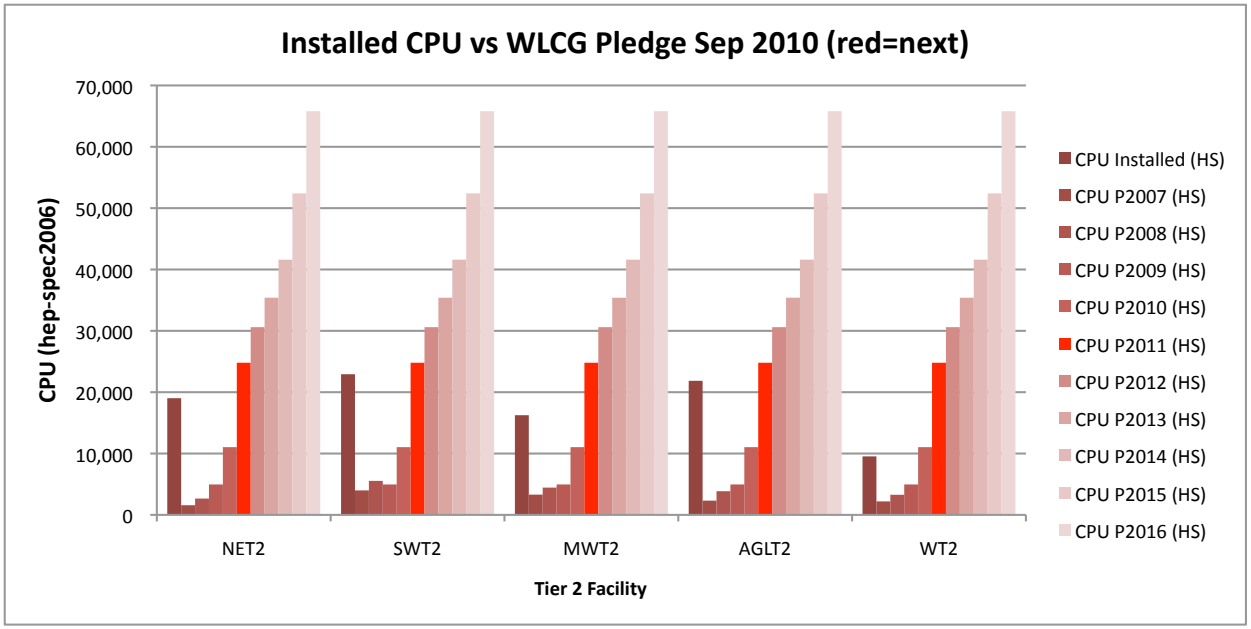


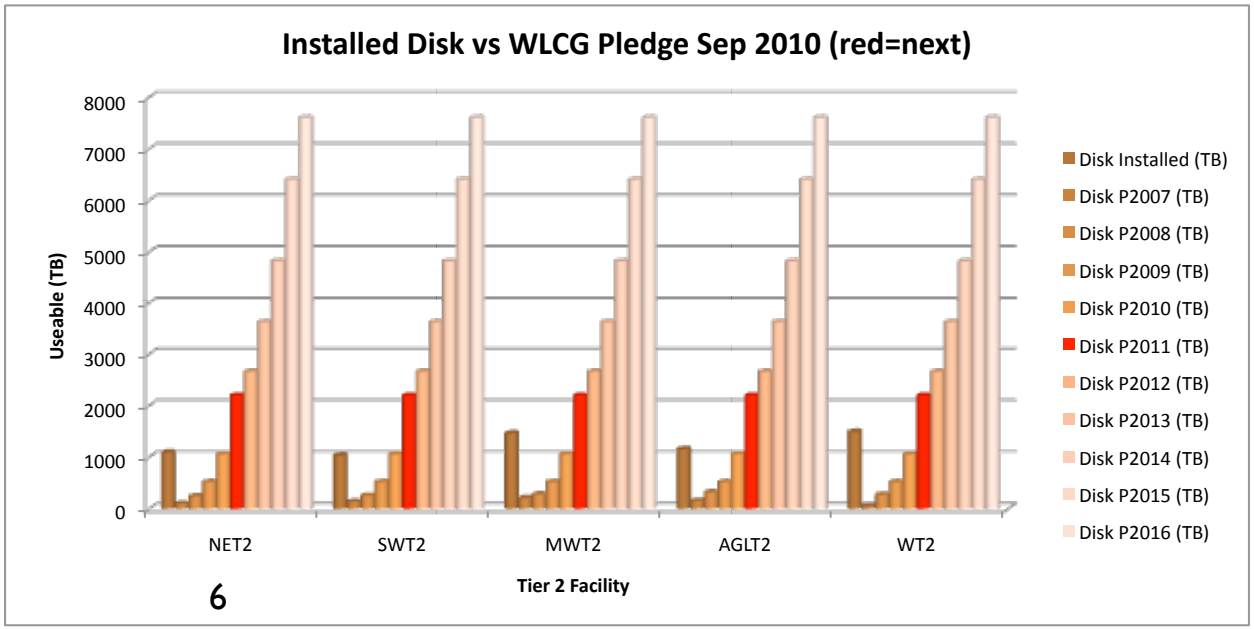
Facility Total

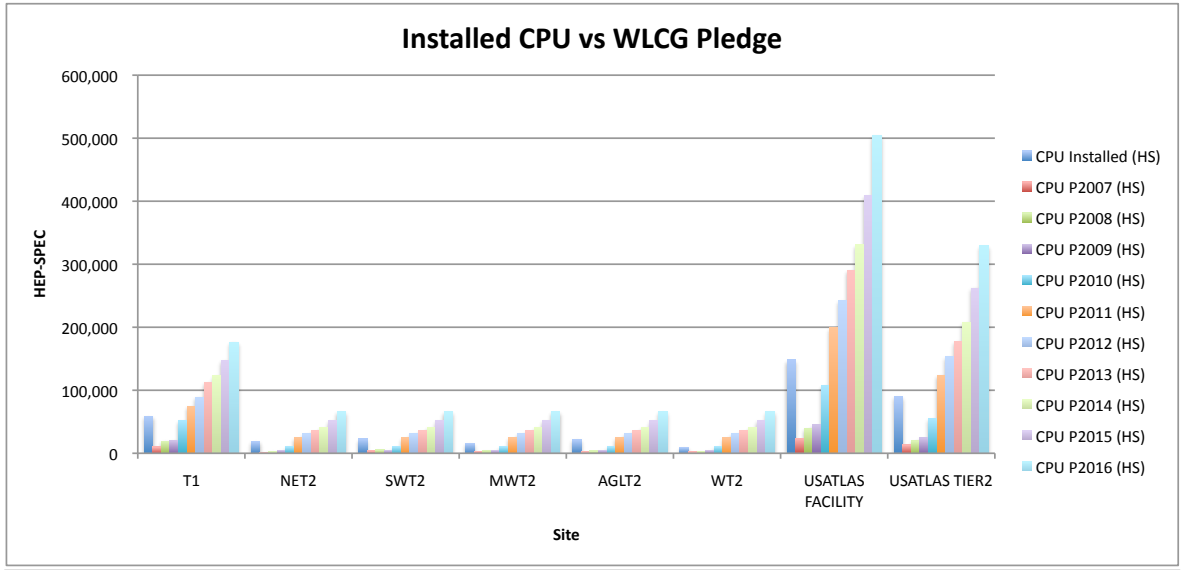
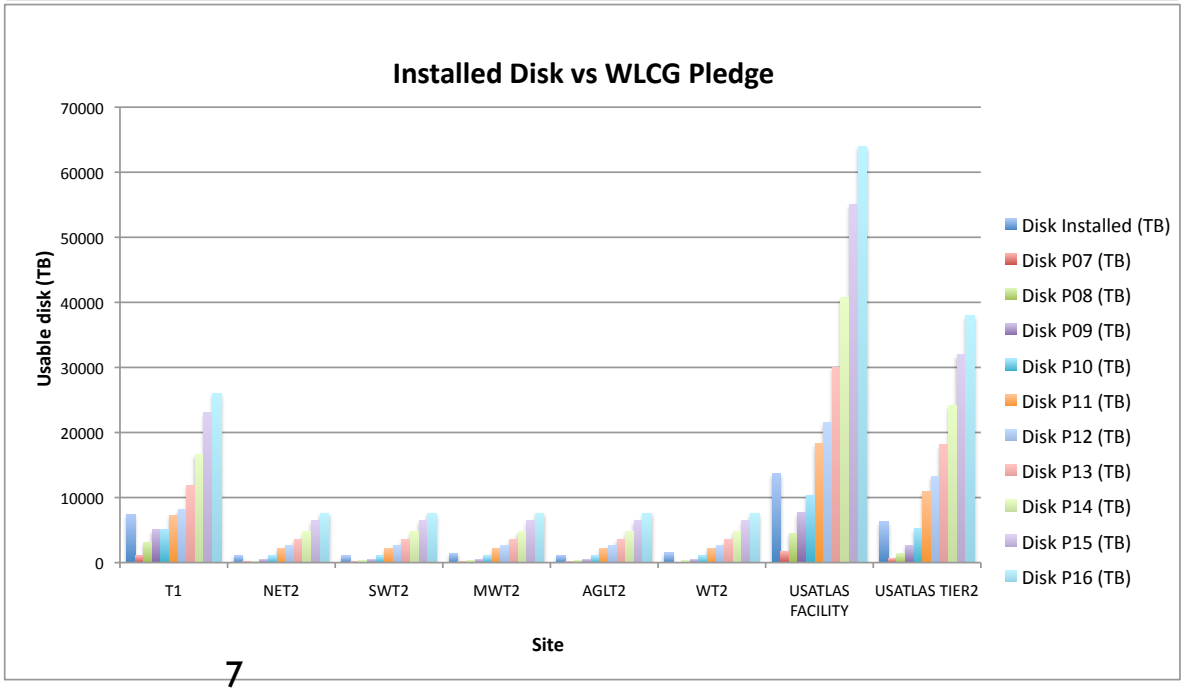
- CPU:
  - 148.1 kHS06 (T1: 58.5; Sum T2: 89.6)
  - 14.9 job slots (T1: 4756; Sum T2: 10,176)
- Useable disk
  - 13.7 PB (T1: 7.4 PB; Sum T2: 6.3 PB)

Tier2 (6 year view)

- looking ahead to next year (red) and the next 5-year Tier2 cycle





Next 6 years (facility total)

- Scale in 2016:
  - 500 kHS06 (x3.4)
  - 64 PB (x4.7)