MicroBooNE Status

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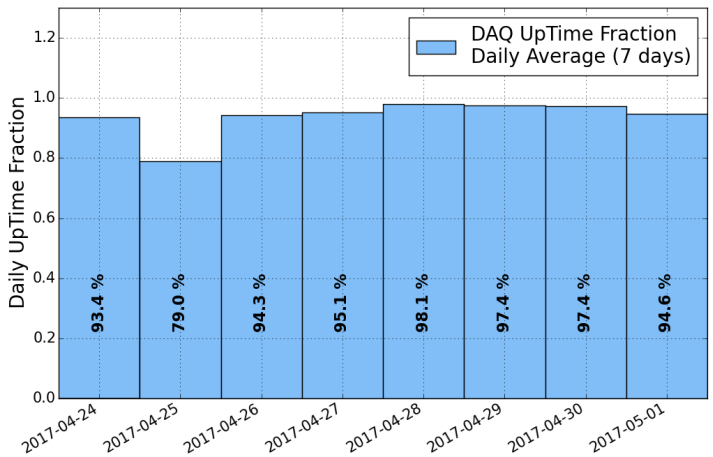
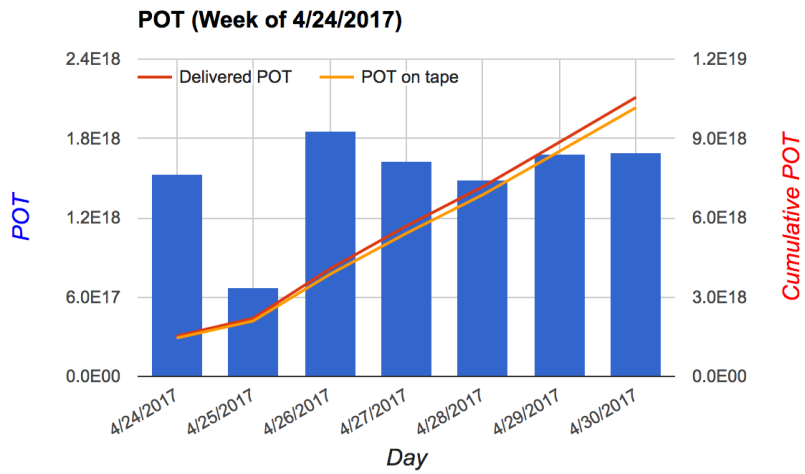
All Experimenters' Meeting
Fermilab
May 1, 2017

Beam Statistics





BNB Uptime 88.9% (week of April 24)

DAQ Uptime 96.3% (POT weighted)

POT Delivered 6.1×10^{20} (1.06×10^{19} this week)

POT Recorded 5.8×10^{20} (1.02×10^{19} this week)

Computing Summary

Average Jobs Running Concurrently

2370

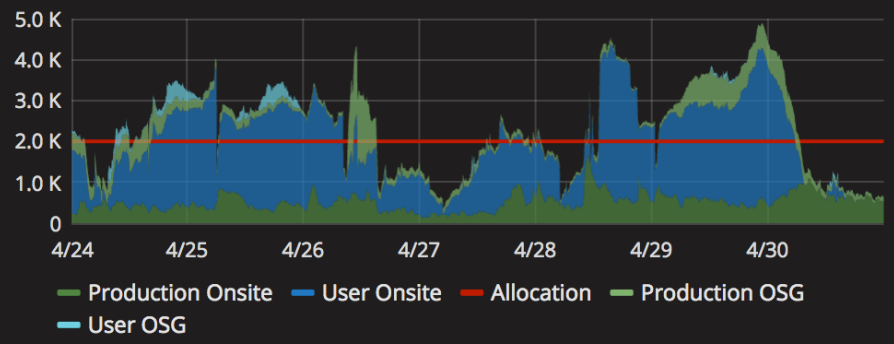
Total Jobs Run

157467

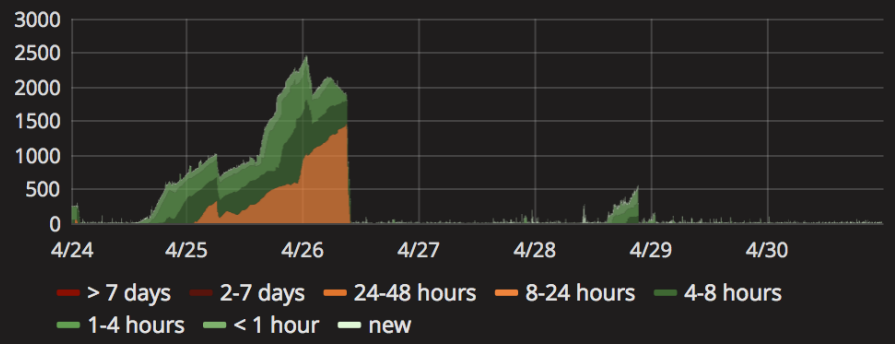
Average Time Spent Waiting in Queue (Production)

43.5 min

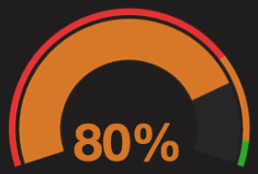
Running Batch Jobs



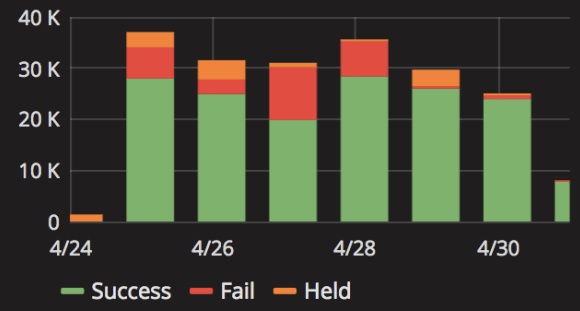
Queued Production Jobs by Wait Time



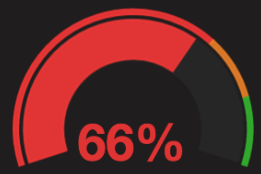
Job Success Rate



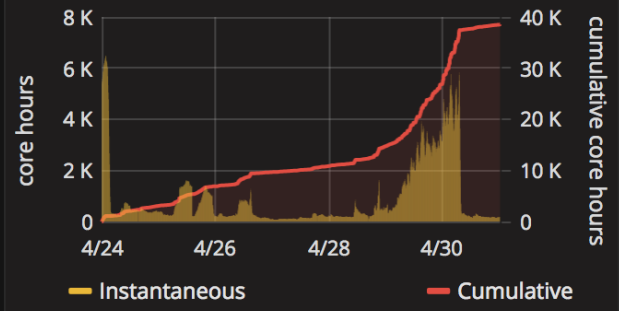
Job Success & Failures per Day



Overall CPU Efficiency



Total Time Wasted by Running Jobs



New Data Cataloged

323.6 TB

Total Data Cataloged

9.2 PB

Summary

- Stable physics running with 70 kV drift HV
- Planned replacement of multi-mode fiber with neutrino campus beam timing signals was successful (April 25)
  - TPC calibration pulser runs taken during maintenance day
- Collaboration meeting and analysis retreat held at Fermilab last week
  - Graduate student presentations in preparation for New Perspectives this summer, analysis updates with new Monte Carlo production, and discussion of future MicroBooNE running