NOvA Experiment Report
## Operations for the Week of 4/3

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DAQ Status and Uptime
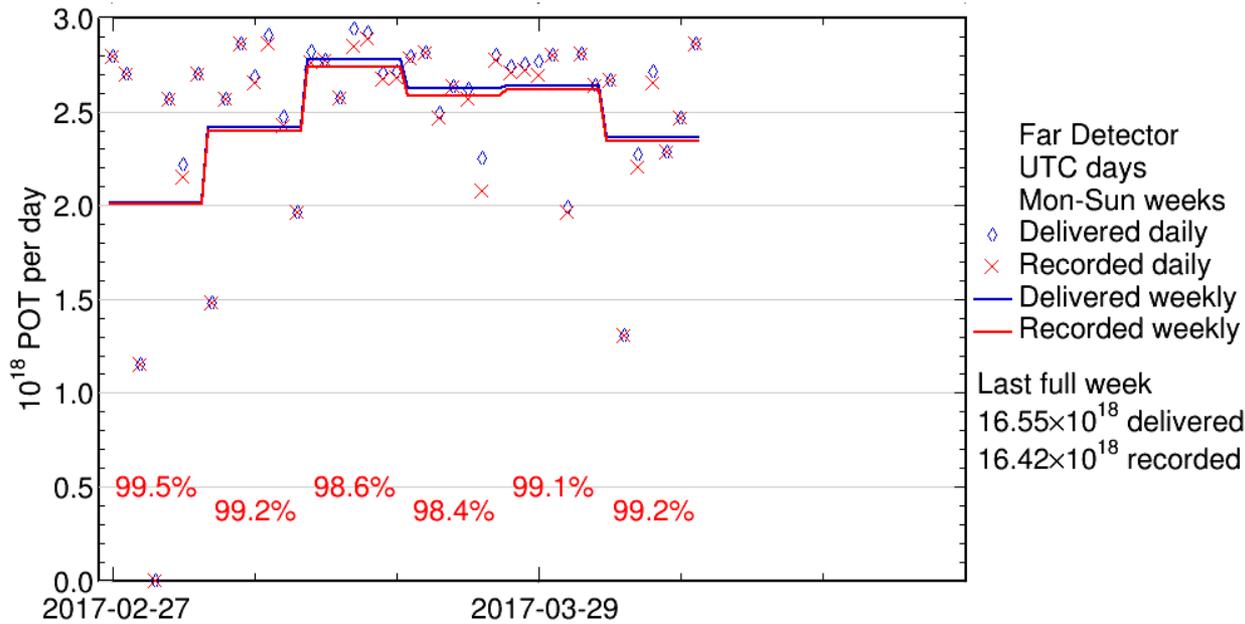
Far Detector
98.8% POT-weighted uptime for last 4 weeks

Near Detector
99.6% POT-weighted uptime for last 4 weeks
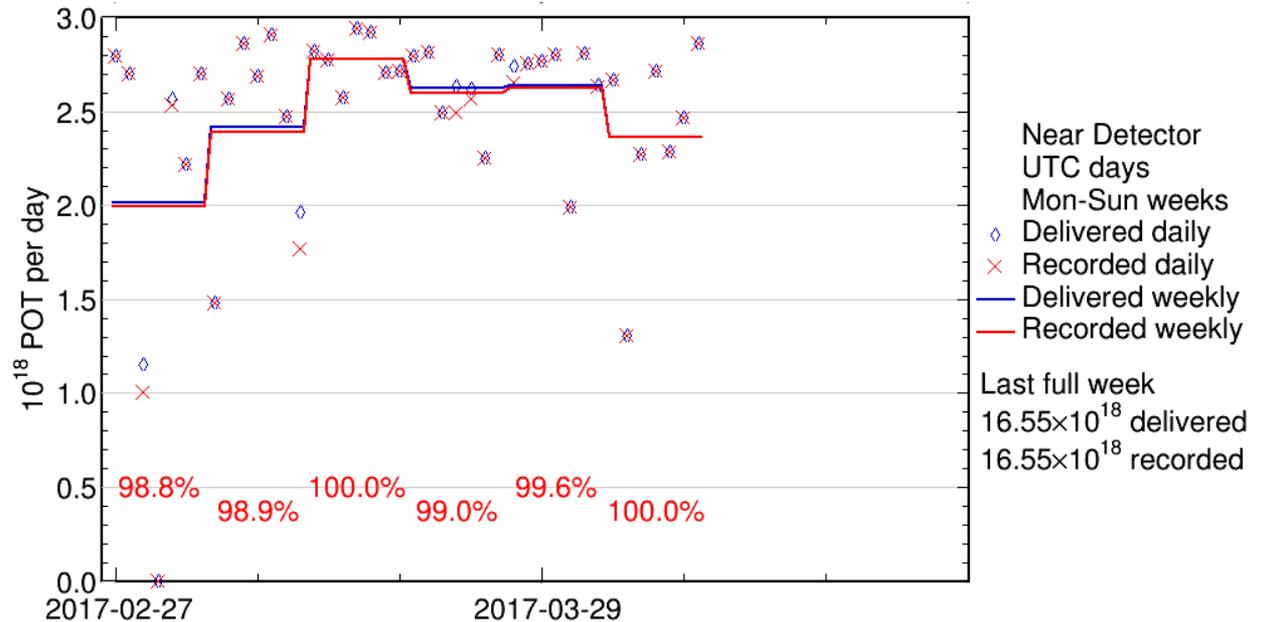
Highlights

- Far Detector:
  - During beam downtime for septa repair (4/4), performed hardware swaps recover a few FEBs

- Near Detector:
  - ~9:30 this morning, MINOS chiller water temperature alarms went off
    - Chiller was taken off line to clean filters and backup chiller is not functioning at full capacity
      - We were not aware of this regular maintenance – request notification in the future
  - NOvA is very sensitive to changes in water temperature
    - Near Detector run was stopped and HV turned off
    - Chiller is back on line, but recovery is still ongoing
      - When HV is lost, detector can take up to a day for noise to reach acceptable levels

Computing
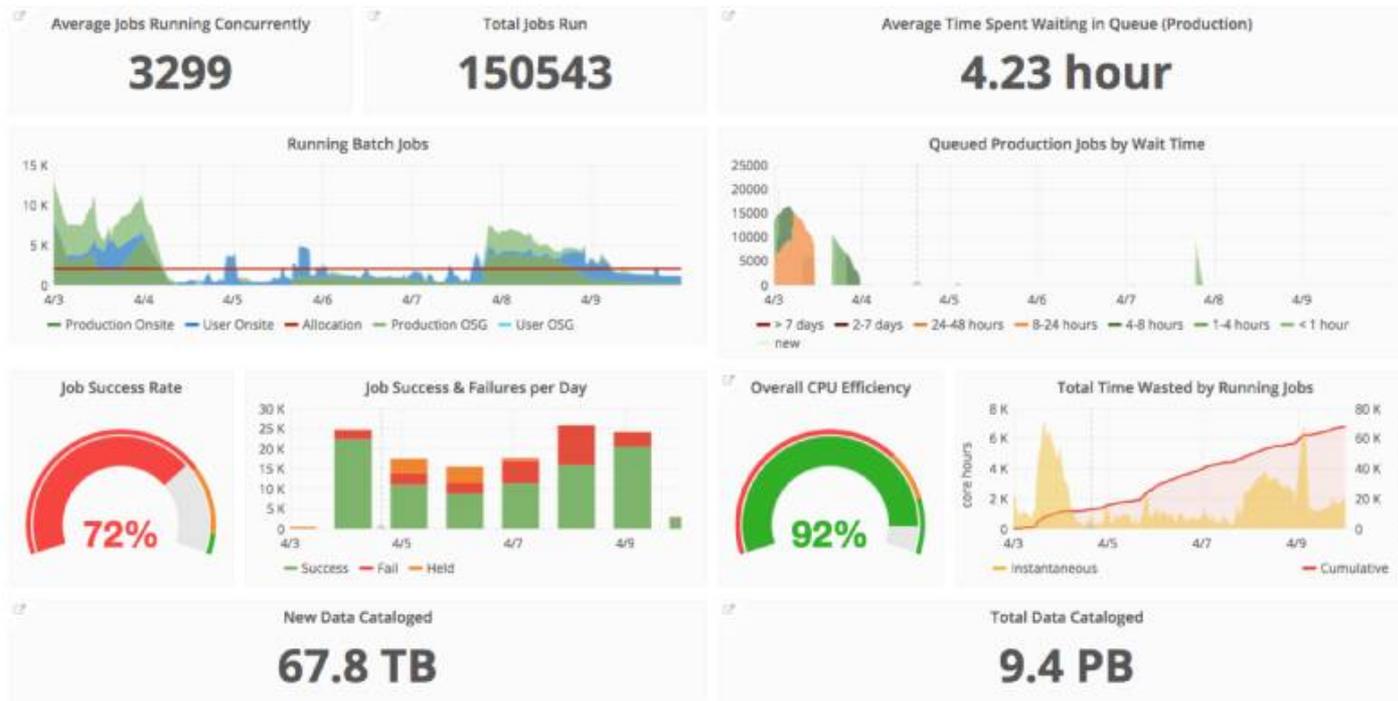
- Completed standard ND data and simulation processing in fast time thanks to large weekend grid use.

- Last week we turned our focus to the first systematic samples for cross-section analyses.
  - These samples are smaller, so usage was lower.
  - They are also more complicated to configure, hence the higher failure rate as we started processing them. [1]