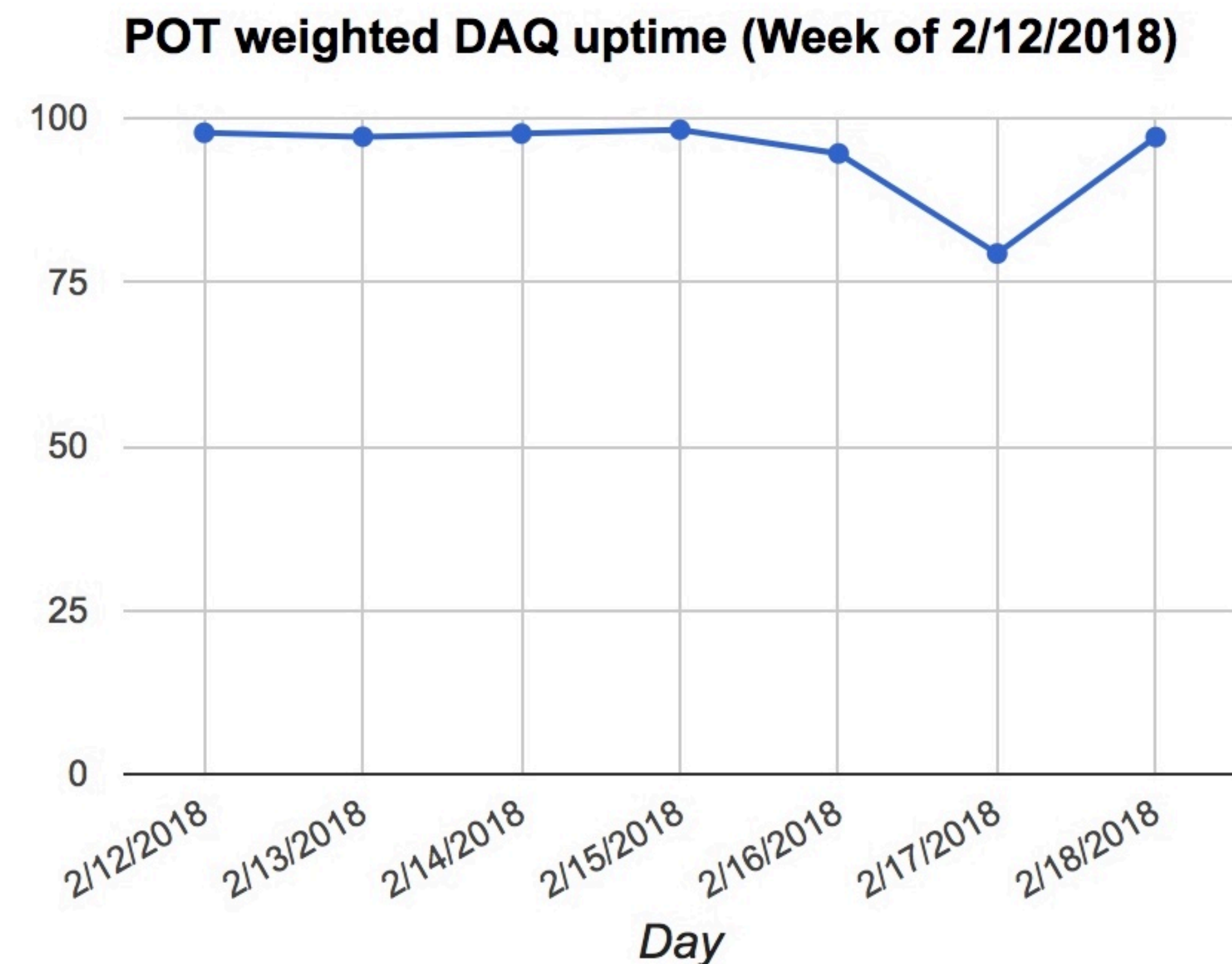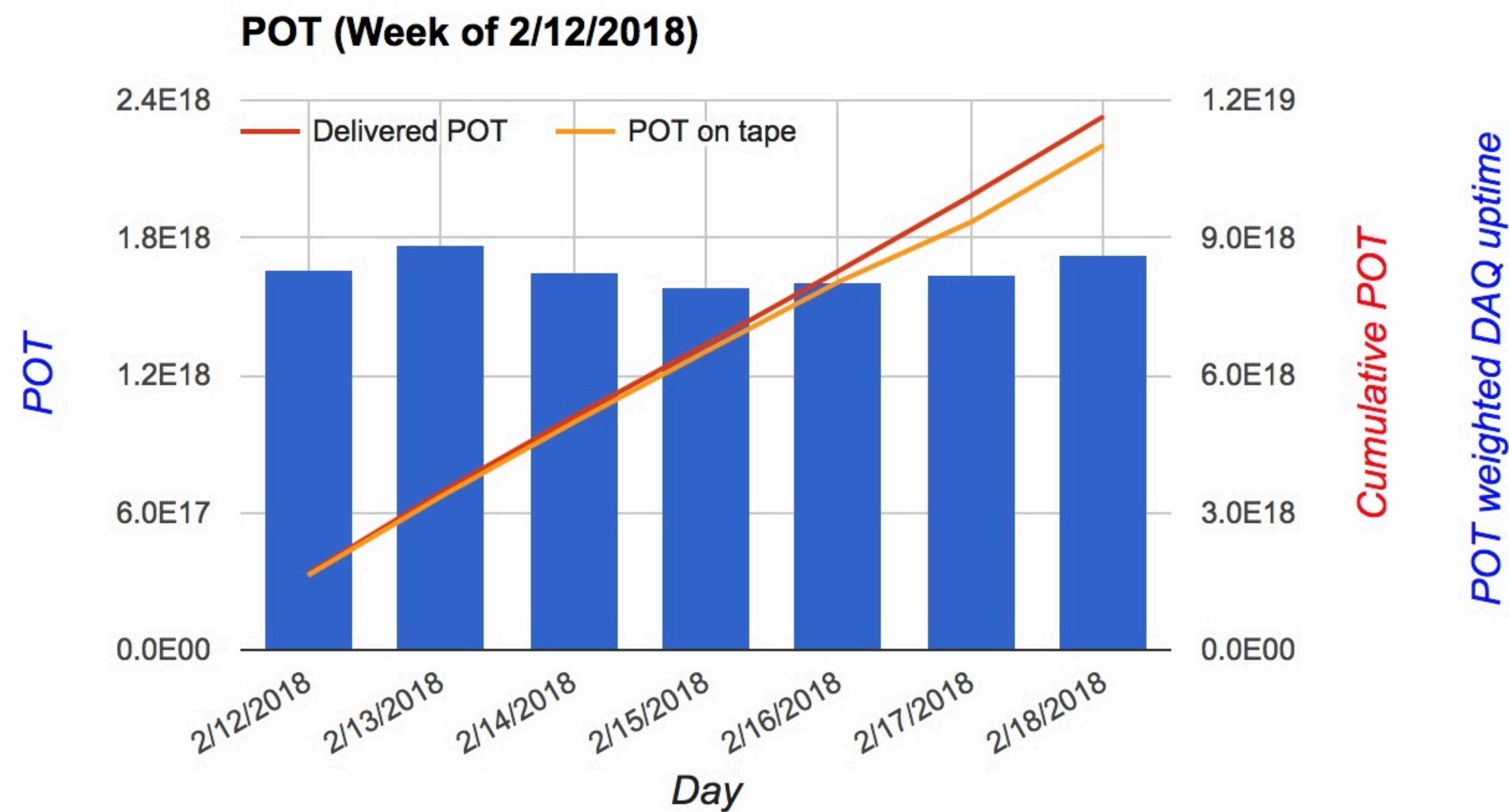# MicroBooNE Report

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On Behalf of the MicroBooNE Collaboration

All Experimenters' Meeting – February 19, 2018

Beam Statistics & DAQ Uptime

POT (Week of 2/12/2018)

POT weighted DAQ uptime (Week of 2/12/2018)

- 1.17×10^{19} POT delivered, 1.10×10^{19} POT recorded on tape

- 98% BNB uptime
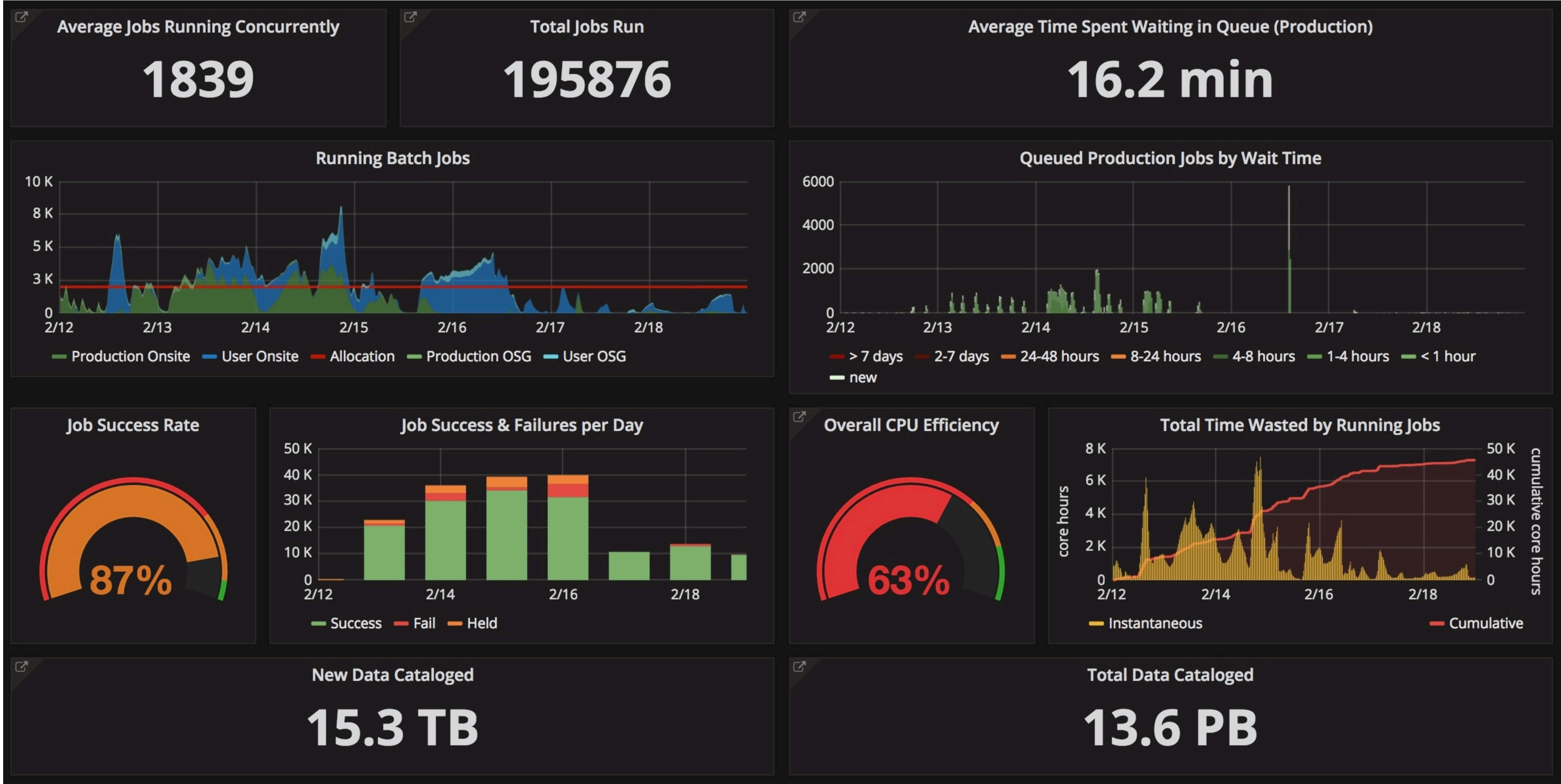
- 94.6% POT-weighted DAQ uptime

DAQ Problems on Saturday

- The DAQ became unstable around 10am on Saturday morning

- Diagnosed as a disk failure on our event builder machine, which triggered an automatic RAID rebuild

- The rebuild affects IO to the remaining disks and this led to DAQ instability

- We did not stop taking neutrino data, but we had lower overall efficiency because many runs were crashing

- The DAQ team responded quickly and were able to implement a fix which restored our ability to run stably and should make our DAQ more robust to such disk failures in the future

- We are now taking data at our nominal trigger rate even as the rebuild is ongoing

- The rebuild should be completed tonight

Computing Summary

- Improvements to workflow and implementation of best practices continue

Summary

- Other than DAQ instability on Saturday, had a quiet and stable week

- Have now returned to stable running at our nominal trigger rate

- No planned downtime this coming week