NCI DAC Data Access Committee dbGaP Activity Report 2019-11-01-2020-11-01

Hoyin Chu

17 November, 2020

The NCI DAC Data Access Committee (DAC) currently manages 29583 data access requests (DARs) for access to 7837 projects in dbGaP.

# 1 Data Access Requests

Between 2019-11-01 and 2020-11-01 NCI DAC reviewed 12908 DARs. Of these, 10900 were accepted while 1831 were rejected. The average amount of time from when the Principle Investigator (PI) submited a DAR to the final decision by the DAC was 6.8 days. The average time to an accepted decision was 6.3 days, while the average time to a rejected decision was 9.6 days. Figure 1.1 is a barplot comparing the NCI DAC DAC to time to final decision to the average across all NIH DACs during the same time interval.

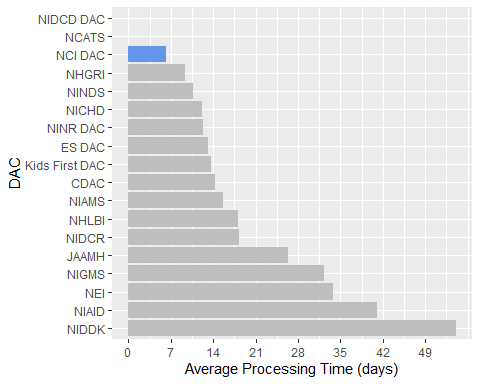


Figure 1.1: Comparison of DAR Processing Time among all DACs

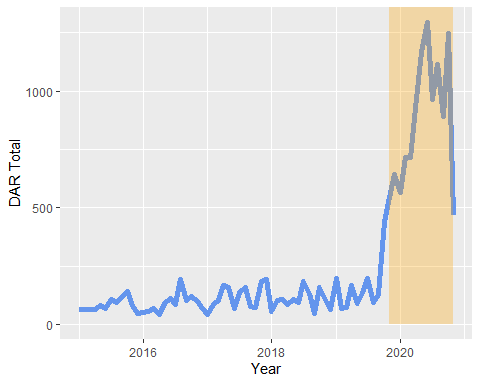


Figure 1.2: Data Access Requests Submitted to NCI DAC Per Month Since 2015

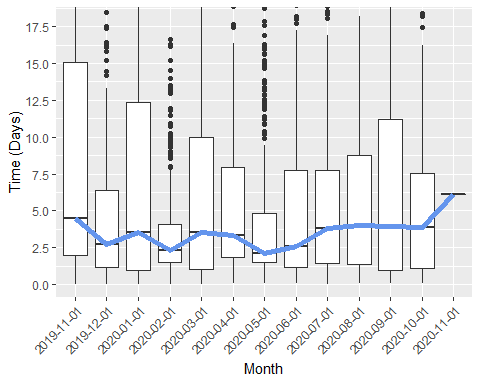


Figure 1.3: DAR Processing Time: From PI Submission to DAC Approval

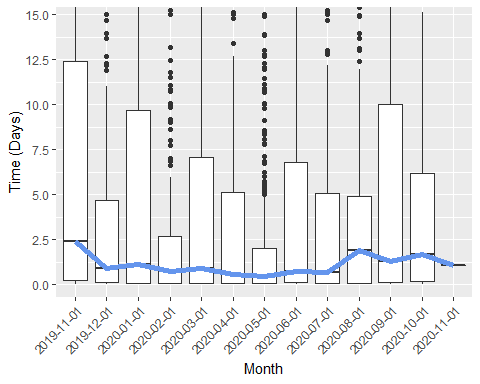


Figure 1.4: DAR Processing Time: From PI Submission to SO Approval

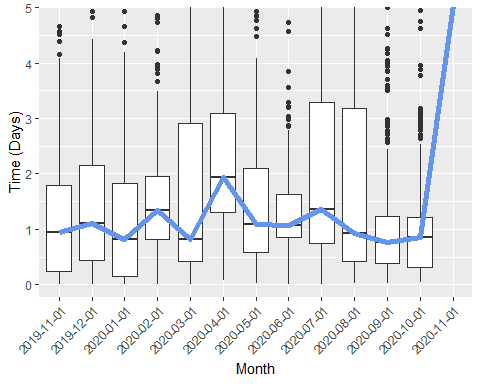


Figure 1.5: DAR Processing Time: From SO Approval to DAC Approval

Between 2019-11-01 and 2020-11-01, 2279 PIs have submitted DAR to studies released by NCI DAC. Among these PIs, 1121 have also submitted DAR to studies released by other DACs. PI who submitted DAR to NCI DAC on average submits 12.9 DAR for 1.83 projects.

# 2 Study Released

During this reporting period, 334 new studies were released and a total of 12614 DARs were made for these studies. Study phs000178.v11.p8 (The Cancer Genome Atlas (TCGA)) has been the most requested dataset from the NCI DAC DAC with 1986 requests.

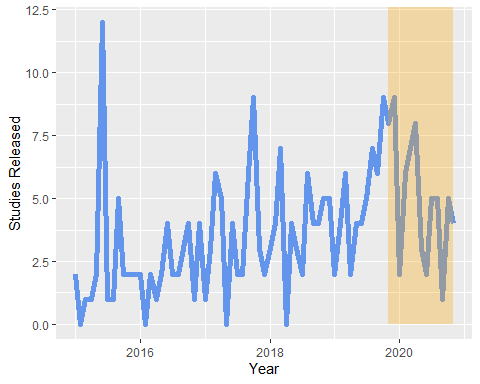


Figure 2.1: Number of Study Released by NCI DAC Per Month Since 2015

# 3 Other Comparisons

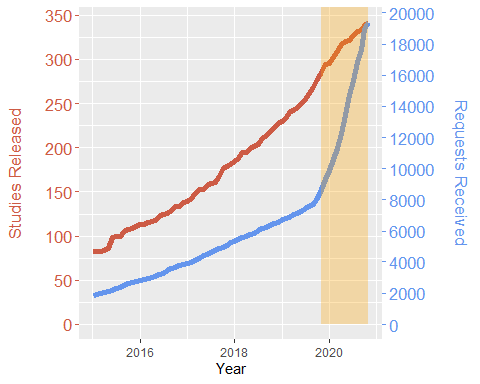


Figure 3.1: Comparison of Cummulatiev Requests Received and Studies Released by NCI DAC

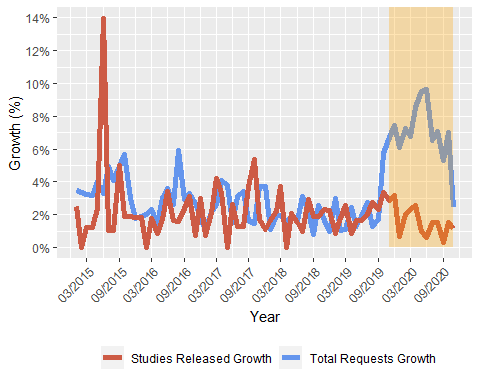


Figure 3.2: Comparison of DAR Growth and Studies Released Growth for NCI DAC

This report was prepared using the DACReportingTool package for R, build 0.1.0 by Mr. Hoyin Chu and Dr. Christopher Steven Marcum.