NHGRI Data Access Committee dbGaP Activity Report 2020-01-01-2020-12-31

Test

03 December, 2020

The NHGRI Data Access Committee (DAC) currently manages 16208 data access requests (DARs) for access to 5090 projects in dbGaP.

# 1 Data Access Requests

Between 2020-01-01 and 2020-12-31 NHGRI reviewed 6327 DARs. Of these, 5203 were accepted, 564 were downloaded, 2190 have previous version downloaded and 948 were rejected. The average amount of time from when the Principle Investigator (PI) submited a DAR to the final decision by the DAC was 8.3 days. The average time to an accepted decision was 8.2 days, while the average time to a rejected decision was 8.7 days. Figure 1.1 is a barplot comparing the NHGRI DAC to time to final decision to the average across all NIH DACs during the same time interval.

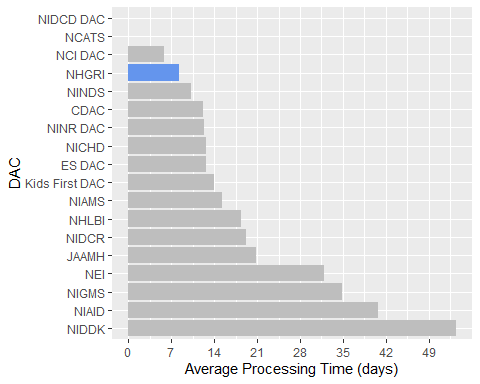


Figure 1.1: Comparison of DAR Processing Time among all DACs

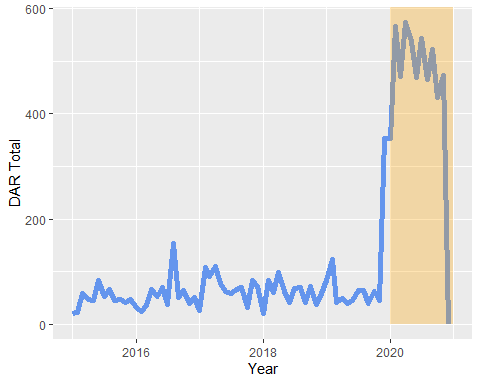


Figure 1.2: Data Access Requests Submitted to NHGRI Per Month Since 2015

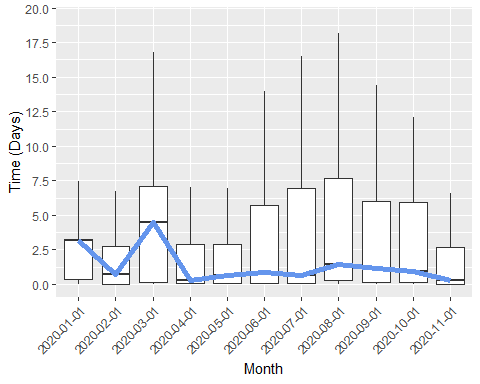


Figure 1.3: DAR Processing Time: From PI Submission to SO Approval

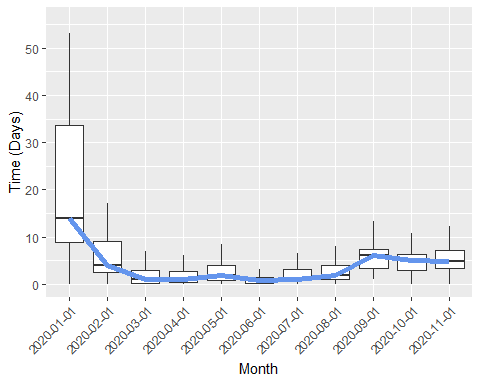


Figure 1.4: DAR Processing Time: From SO Approval to DAC Approval

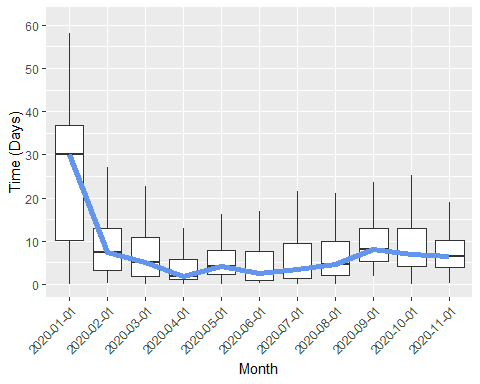


Figure 1.5: DAR Processing Time: From PI Submission to DAC Approval

Between 2020-01-01 and 2020-12-31, 1591 PIs have submitted DAR to studies released by NHGRI. Among these PIs, 1217 have also submitted DAR to studies released by other DACs. PI who submitted DAR to NHGRI on average submits 18.36 DAR to all DACs for 2.05 projects.

# 2 Study Released

During this reporting period, 19 new studies were released by NHGRI and a total of 631 DARs were made for these studies. Study phs000452.v3.p1 (Melanoma Genome Sequencing Project) has been the most requested dataset from the NHGRI DAC with 273 requests.

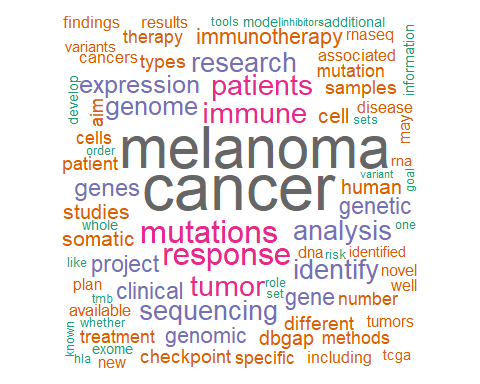


Figure 2.1: Word cloud of Study phs000452.v3.p1 (Melanoma Genome Sequencing Project)

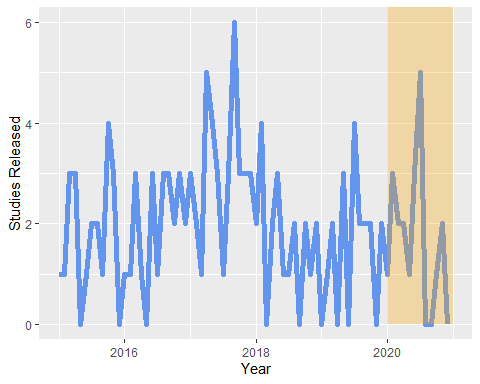


Figure 2.2: Number of Study Released by NHGRI Per Month Since 2015

# 3 Other Comparisons

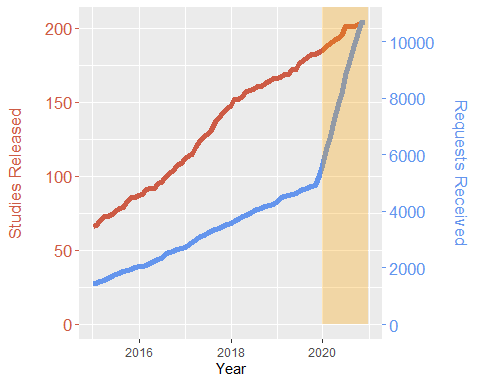


Figure 3.1: Comparison of Cummulative Requests Received and Studies Released by NHGRI

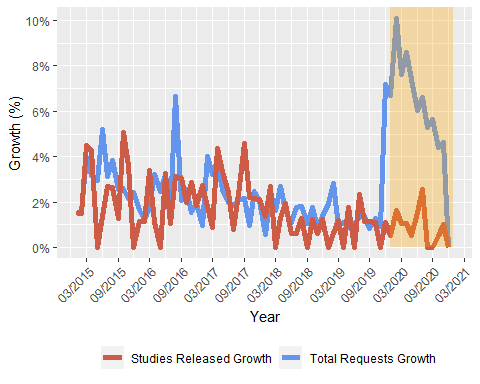


Figure 3.2: Comparison of DAR Growth and Studies Released Growth for NHGRI

This report was prepared using the DACReportingTool package for R, build 0.1.1 by Mr. Hoyin Chu and Dr. Christopher Steven Marcum.