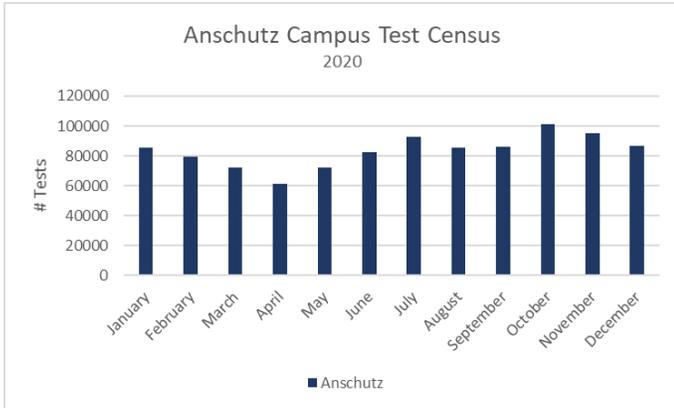
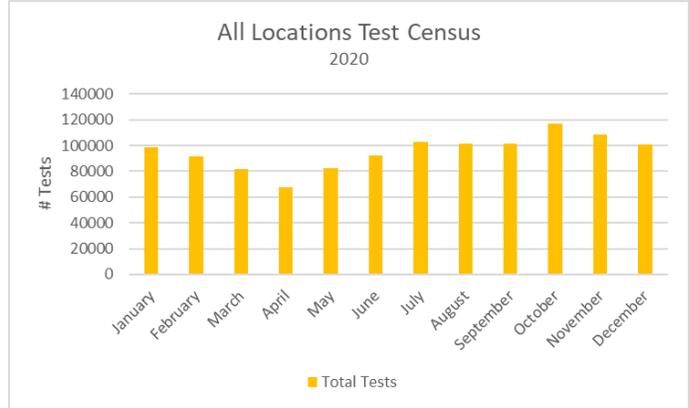


2020 Laboratory Quality Metrics

Test Volumes

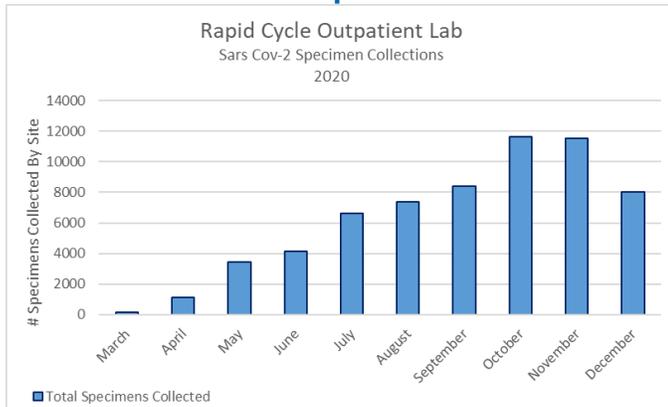


Total Tests Performed at Anschutz Campus = 999,524
Client test volume = 75,265



Total Tests Performed at all DPLM locations = 1,145,730

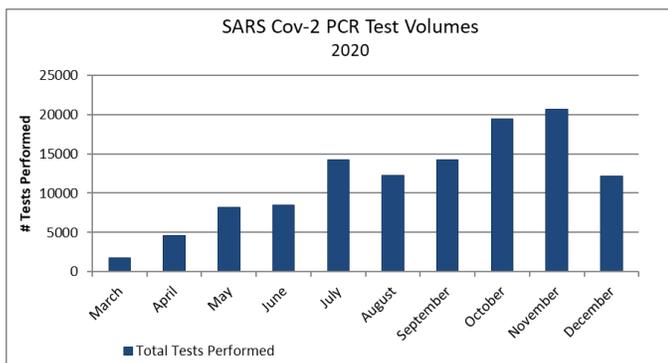
COVID Pandemic Response



COVID rapid collection sheds were created at the following locations to collect specimens from patients, referred patients, family members and employees.

- Anschutz Campus
- Colorado Springs - Briargate
- North Campus
- South Campus

Total samples collected = 62,432



Sars Cov-2 PCR testing was implemented on four platforms. By implementing testing across multiple platforms, testing continued as supply shortages and shipping issues occurred that otherwise could have impacted patient care.

- Abbott m2000
- ABI 7500
- DiaSorin Simplexa
- Cepheid Infinity GeneXpert

Total tests performed = 116,323

Client test volume = 28,711

- Antibody Testing was implemented in Chemistry and Immunology sections testing for IgG and IgM.
- Convalescent plasma collections were performed March - September.

Proficiency Testing

CAP Proficiency Tests Performed	% Acceptable
9,696 tests	98.8%

All unacceptable proficiency testing results are investigated to determine the root cause and corrective/preventative action is established as needed.

Critical Values & Notification

Critical Value Notification to Care Provider	% Acceptable
5,265 results	95.3%

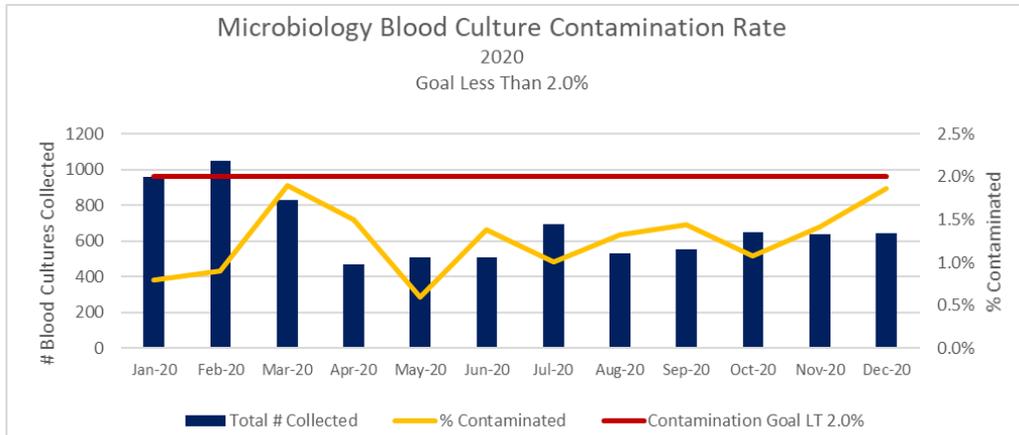
Acceptable notification requires staff to contact licensed care provider within an acceptable time frame and document notification.

Turn-Around Times

Lab	Test	Total Tests	% TAT within Goal	TAT Goal
Biochemical Genetics	HVA/VMA	122	98.4%	≥90% within 5 business days
Blood Bank	Antibody Screen	1,130	92.3%	≥90% within 45 minutes
Chemistry	Sodium (Na) - STAT	27,338	90.2%	≥90% within 35 minutes
Electron Microscopy	Electron Microscopy	1,362	90.6%	≥97% within 1 business day
Flow Cytometry	Stem Cell PB	18	100%	≥90% within 120 minutes
Hematology	CBC Sepsis	906	97.9%	≥90% within 15 minutes
Microbiology	CMV PCR	1938	99.3%	≥90% within 96 hours
Mitochondria	RCE Fibroblast	18	100%	≥98% within 90 days
Precision Diagnostics	Fragile X	240	93.3%	≥90% within 10 days

List is not inclusive of all turn-around times monitored. In the event the monthly average does not meet the goal, events are investigated to determine the root cause and corrective/preventative action is established as needed.

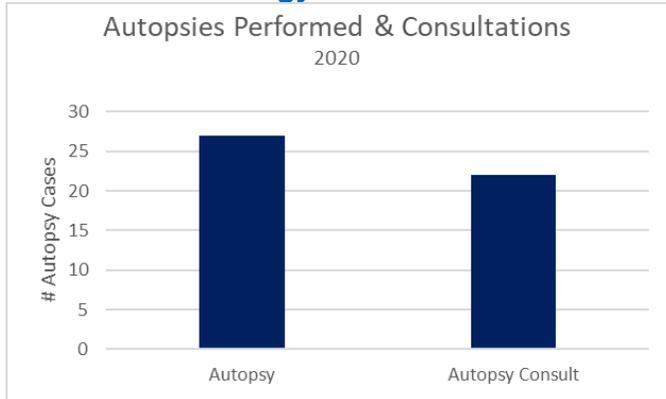
Blood Culture Contamination Rates



Total blood cultures performed: 8,020

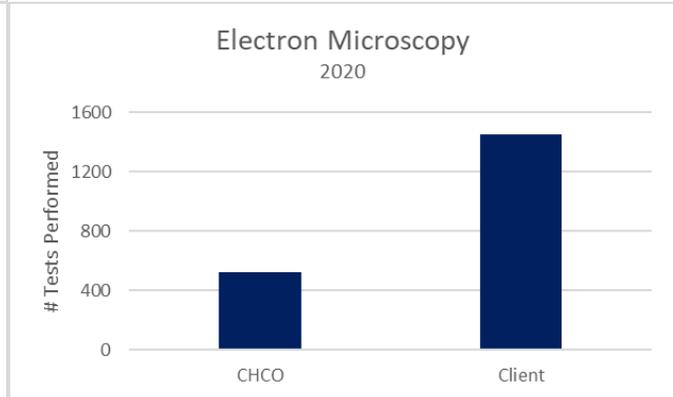
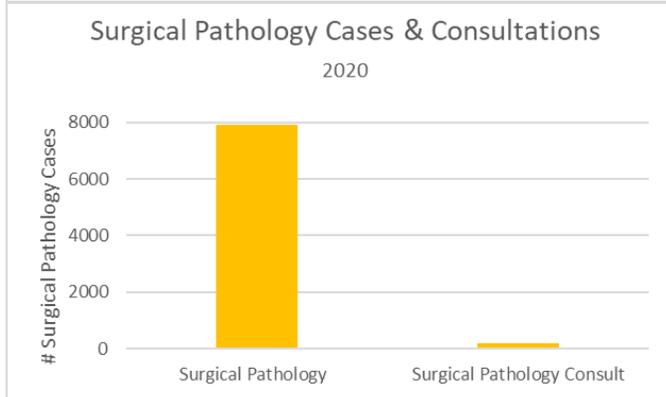
% contamination rate = 1.2%

Anatomic Pathology

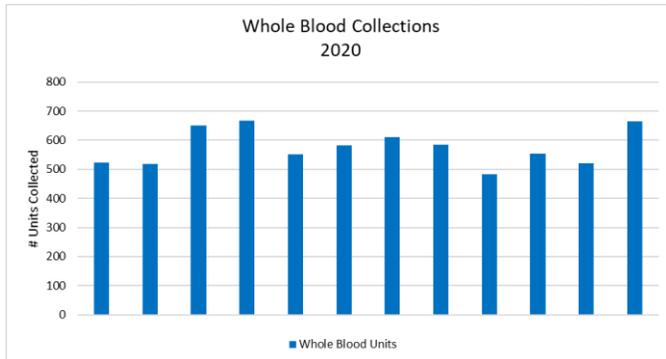


Anatomic Pathology provides the following services:

- Autopsy
- Autopsy consultation
- Bone marrow
- Cytology
- Electron microscopy
- Flow cytometry
- Molecular
- Surgical pathology
- Surgical pathology consultation



Transfusion Medicine - Donor Center Collections



Blood Donor Center is located at the Anschutz Campus. Collections include:

- Whole blood units
- Platelet units
- Research collections

Whole blood collections are also performed at mobile sites. Platelet units are sold when a surplus exists to minimize waste.

