COVID-19 Laboratory Capacity Across the United States

**NON-HIGH THROUGHPUT INSTRUMENTS**
- Point of Care Testing Sites
- Small Commercial Labs
- Some State, Hospital and Academic Labs

**HIGH THROUGHPUT INSTRUMENTS**
- Currently Under Utilized
- Available for State Use
- Paid for by CARES Act
- American Clinical Laboratory Association Labs

**INCREASE TESTING** by using your state’s high and non-high throughput network

**HIGH TESTING CAPACITY**
- 93% of the US population is within 10mi of a high throughput instrument
- Combining use of high and non-high throughput instruments enables **SURVEILLANCE** testing
- Currently No Backlog
- 48 hr Turnaround

*Throughput = rate of production*
Increase COVID-19 Testing

Actions Needed

Use Point of Care Testing Sites for Only Select Critical Scenarios

PUBLIC FACILITIES
STATE CLINICS, TESTING SITES, COMMUNITY HEALTH CENTERS
BEGIN use of High Throughput Instruments

COMMERCIAL FACILITIES
PRIVATE CLINICS, URGENT CARE, HOSPITALS, ACADEMIA, REFERENCE LABS
INCREASE use of High Throughput Instruments

Resources Across the United States

HIGH VOLUME SITES
- CURRENTLY UNDER UTILIZED
- American Clinical Laboratory Association Labs
- Some State, Hospital and Academic Labs
2 DAY TURNAROUND
30,000-50,000 TESTS PER DAY PER SITE

MEDIUM VOLUME SITES
- Small Commercial Labs
- Some State, Hospital and Academic Labs
1-5 DAY TURNAROUND
1,000-3,000 TESTS PER DAY PER SITE

POINT OF CARE TESTING SITES
- State Facilities
- Hospitals
- Some Academic Institutions
- Private Clinics
- Urgent Care
- Select Critical Infrastructure
15-45 MINUTE TURNAROUND
30-500 TESTS PER DAY

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*Throughput = rate of production

NOT FOR PUBLIC DISTRIBUTION
Phase 1 Asymptomatic Surveillance Testing

**SHIELD THE VULNERABLE | SHELTER THE SUSCEPTIBLE | SAVE THE SICK**

**HIGH THROUGHPUT INSTRUMENTS**
American Clinical Laboratory Association Labs | Some State, Hospital and Academic Labs

**NON-HIGH THROUGHPUT INSTRUMENTS**
Some State, Hospital and Academic Labs | Small Commercial Labs

INCREASE STATE TESTING
by using your state’s high and non-high throughput network

*Throughput = rate of production*