

# Factors to consider for ASx testing program

- Individual testing vs pooled testing
  - If pooling → pool size, method of pooling, pool deconvolution strategy
- Lab, sample type, testing method
  - Broad/CIC in Boston (AN swab) vs Mirimus in NY (saliva)
  - Method (PCR)
  - Turnaround time
- Frequency of surveillance (*e.g.* weekly, biweekly, monthly)
- Testing populations
  - Staff population (all staff, highest-risk staff, student-facing staff only)
  - Student population (high school, middle school (grades 6-8), PK-6)
- Operational considerations
  - Home vs. onsite sample collection
  - Need for retesting for positive pool
  - Communication and reporting requirements
  - Staffing
- Cost considerations
  - Community participation
- Three plans under consideration
  - Pooled testing of staff (pool = 5) → add Grades 6-12 students (pool = 10) **Broad/CIC (AN swabs)**
  - Individual testing of staff → add pooled testing of Grades 6-12 students (pool = 10) **Broad/CIC (AN swabs)**
  - Pooled testing of staff (pool = 24) → add Grade 6-12 students (pool = 24) **Mirimus (saliva)\***