Topics:
• Project development and staffing
• Process
• Results to-date
• Lessons learned
• Outstanding need
The current State law, known as **AB 2370**, includes requirements for lead sampling at licensed Child Care Centers (CCCs)

Requirements:
- Data management
- Customer support
- Statewide sampling at over 3,000 (prioritized out of 12,000) CCC locations

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**Project Development**

AB 2370 Chapter 676, Statutes of 2018, for Lead Testing in Licensed Child Care Centers

Be available.

Identify need.

Be flexible.

Identify your team.
Project Staffing

Research engineers (5)
Web programmer (1)
Communications Coordinator (1)
Admin support (1)
GIS specialist (1)
Environmental scientist (1)
Technical editor (1)
Computer Science interns (3)
Communications intern (1)
Environmental studies intern (1)
Primary points of friction
- Application
- Sketch
All Results To-Date

Child Care Centers

- 5,284 CCC locations tested (2,088 by Grant Team)
- 33,236 outlets tested
- 27% of CCCs had at least one initial AB 2370 Action Level Exceedance (≥ 5.5 mg/L)
- 11% of CCCs exceeded federal standard (≥ 15 mg/L)
Technical Lessons

Outreach and CCC Actions

- Slow CCC application rate nullified prioritization schema
- Slow CCC map preparation slowed sampling ramp up
- Application rate differed between communities
- Testing rate differed between communities
Technical Lessons

• Avoid online-only vendors for plumbing fixtures

• TBD: impact of angle stops (i.e., shutoff valves)
Programmatic Lessons

- Add time and effort for data control systems
- Add time and effort for outreach
- Difficult to prioritize outreach—exhaustive outreach is more effective
- Recognize compliance timeline limitations for remediation:
  - Flushing requirements for new fixtures
  - Sampler availability
  - Turnaround time for lab analysis
Outstanding Need

- Schools*, child care centers, and water districts
  - Communication
  - Outreach
  - Technical Assistance
- Relative importance of solder, brass, lead fittings/goosenecks, and faucets
- Importance of saturation time
- How to get to 1 ppb?!

Revised Lead and Copper Rule (federal) and State of California requirements will overlap.

*legislation tracking suggestion: AB 249
Thank you!

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