ELC Support for Screening and Testing to Reopen and Keep Schools Operating Safely

Makayla Haynes
ELC School Reopening Project Coordinator
West Virginia Immunization Summit
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Objectives

1. To inform on the intent of the ELC Reopening Schools award.

2. To describe the activities and outcome of this award.
Through the *American Rescue Plan Act of 2021*, funds were made available to jurisdictions by the U.S. Department of Health and Human Services through the Centers for Disease Control and Prevention (CDC) Epidemiology and Laboratory Capacity (ELC) cooperative agreement in response to COVID.

**Goals**

- Encourage continuity and enhancement of existing COVID-related activities
- Establish screening testing programs in schools extending through the end of the school year and into summer activities and subsequent school year
- Maintain health departments’ integral role in the screening testing ecosystem
- Ensure a holistic assessment and monitoring of disease burden
Priorities Areas:
• Surveillance, Detection, and Response
• Prevention and Intervention
• Communication, Coordination, and Partnership

Project Period: April 2021 - July 2023

Target Setting:
• Schools (K-12) - public, private
• Childcare facilities
Activities and Objectives

• Provided COVID tests to schools to increase access to COVID-19 tests
• Purchased vehicles to offer on-site COVID testing
• Purchased portable air-filtration systems to improve air quality in West Virginia schools, childcare facilities, and school-based health centers
• Purchased sanitizing supplies to enhance environmental cleaning

• COVID tests to K-12 schools = 29,752
• Vehicles:
  • 16 COVID mobiles vans to local health departments (LHDs)
  • Three COVID mobile vans and one SUV for the West Virginia Department of Health and Human Resources, Bureau for Public Health (BPH), Center for Threat Preparedness (CTP)
• Distributed air-filtration systems to West Virginia schools, childcare facilities, and school-based health centers
• Distributed sanitizing supplies to West Virginia K-12 schools
COVID-19 Mobile Vans

• The vans provided to LHDs (16) and BPH, CTP (3) for school COVID testing events and community COVID testing

Photo credit: Mitch Sutton, Office of Governor Jim Justice
Air Flow System and Cleaning Supplies

- Through School Superintendents of all West Virginia public schools
  - Public Schools - 40/55 Counties
- Through the West Virginia Private School Coordinator
  - Private Schools - 24/55 Counties
- DHHR’s list of childcare providers
  - Childcare providers - 41/55 Counties
- Through the WV Primary Care Association
  - School-Based Health Centers - 23/55 Counties
Air Purifiers

- Air purifiers improve air quality and reduce COVID-19 transmission and other airborne pathogens
- HEPA filter removes the source of allergens and irritants
- Active Carbon filter traps most odors and pollutants for cleaner indoor air quality

Air Purifiers = 17,292
HEPA Replacement Filters = 34,584
Carbon Replacement Filters = 34,584
Other Items

• Oscillating fans = 3,280
• AAA batteries (fan remote control) = 3,280
• Disinfecting wipes = 17,044
• Hand sanitizing wipes = 28,605
Feedback

Survey of 400 recipients:

• 42% response rate
• 30% of participants noticed significant improvement in the health of students
• 93% of participants placed their air purifier within a classroom
• 52% of participants gave positive feedback
Public Schools

15,540 Air Purifiers
31,080 HEPA Replacement Filters
31,080 Carbon Replacement Filters
“The air purifier helped reduce dust and other particles in the air of my classroom. I noticed that my students and I did not catch colds, etc. from contagious students who attended class with noticeable symptoms. Between the air purifier use and the use of Lysol wipes to clean tables, I have been healthier even though I am in a new building environment.”
- Braxton Co. High School teacher

“Overall, very helpful for the environment of the classroom.”
- Logan Middle School teacher
Private Schools

396 Air Purifiers
792 HEPA Replacement Filters
792 Carbon Replacement Filters
“I think it was a great idea to provide air purifiers for schools.” - Greenbrier Valley Academy principal

“We appreciate the purifiers.”
- Indian Creek Christian School principal
Childcare Facilities

1,149 Air Purifiers
2,298 HEPA Replacement Filters
2,298 Carbon Replacement Filters
“Air purifiers are very helpful with the quality of air. It is nice not to have the smells that are associated with childcare, especially during diaper changing time.”
- Early Education Station teacher

“We appreciate all of the air purifiers for our classrooms. Since COVID, we have implemented additional health and safety protocols. The purifiers are something that we were hoping to purchase, and we were very happy when we were selected to receive them with the grant funds.”
- Living Water Child Care branch director
School Based Health Centers

207 Air Purifiers
414 HEPA Replacement Filters
414 Carbon Replacement Filters
Conclusion

The air purifiers, replacement filters, fans, disinfecting wipes, and hand sanitizing wipes has made a significant impact on the K-12 community.
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• Dustin Lambert - WV Private Schools
• John Kennedy - WV Primary Care Association
• Other partners

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Makayla Haynes
ELC School Reopening Project Coordinator
West Virginia Department of Health and Human Resources
Bureau for Public Health
Office of Epidemiology and Prevention Services
Division of Infectious Disease Epidemiology
350 Capitol Street, Room 125
Charleston, West Virginia 25301
Phone: (304) 558-5358, ext. 2
Website: www.oeps.wv.gov