

Maximize Classroom
Health and Safety with
EnhancedClean™

INTRODUCTION



The need for in-person learning has never been greater. But, after a year of online classes, being back in school can be a major source of anxiety for students around the country. 97% of educators reported seeing some learning loss in their students over the past year when compared with children in previous years.¹ With cold and flu season emerging in conjunction with the Delta variant, students cannot afford to accumulate more absences.

As students and educators begin to return to in-person courses this fall, preparing a disinfection action plan that addresses ventilation as well as cleaning and disinfecting will play a key part in cultivating a safe, healthy learning environment. Layered prevention strategies like increased handwashing, ventilation, and advanced disinfection programs are all CDC-approved measures your district can take to maximize student and staff protection.

New Delta Risks for K-12

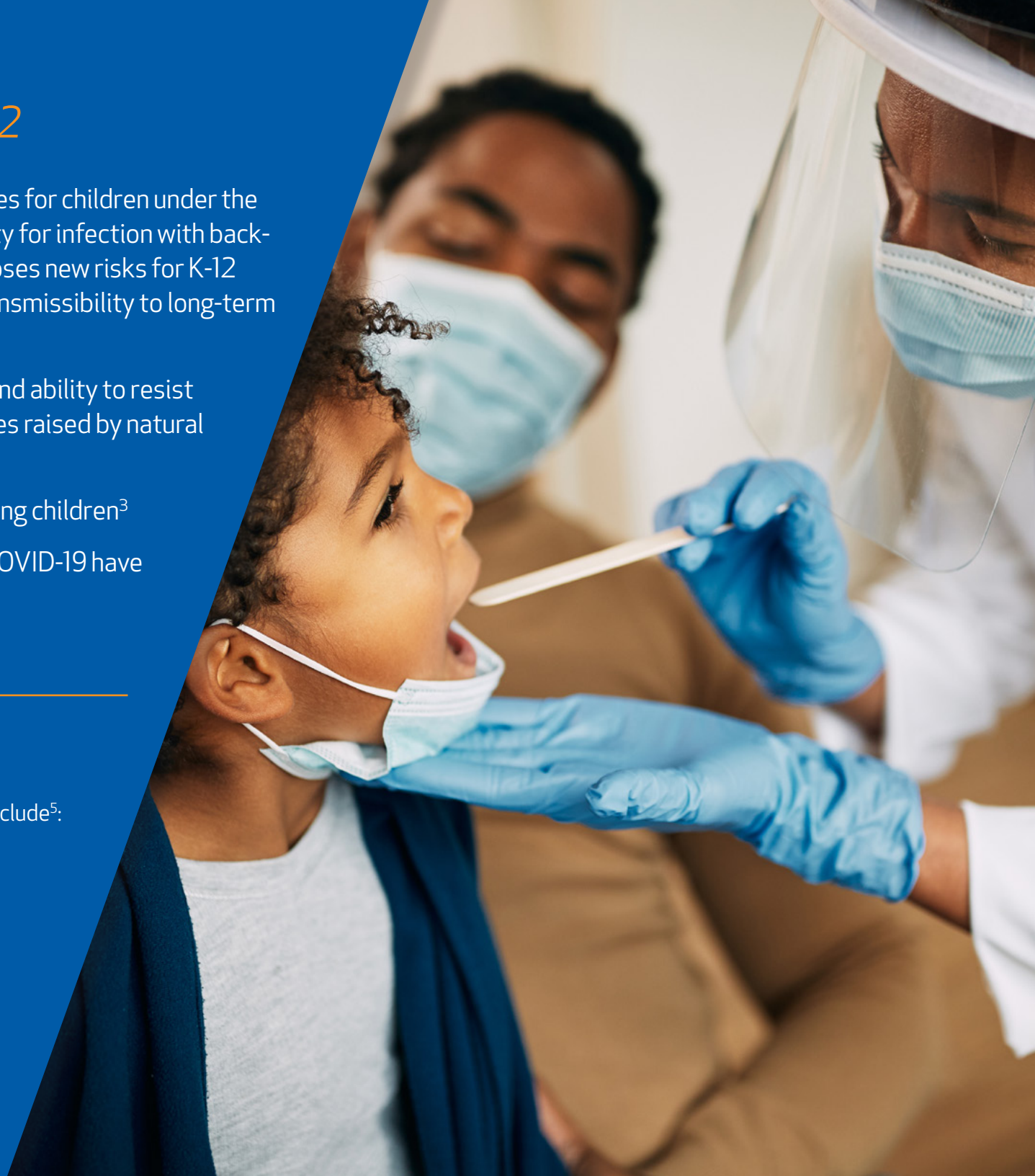
A lengthy approval process for vaccines for children under the age of 12 means increased vulnerability for infection with back-to-school season. The Delta variant poses new risks for K-12 students, from a significant hike in transmissibility to long-term effects of COVID-19 infections.

- **60% increase** in transmissibility and ability to resist neutralization by immune antibodies raised by natural infection with earlier variants²
- **22%** of new weekly cases are among children³
- Pediatric hospitalizations due to COVID-19 have reached an **all-time high**⁴

The Increasing Importance of Pediatric Protection

Long-term effects of COVID-19 in children include⁵:

- Exhaustion
- Trouble concentrating
- Increased difficulty with schoolwork
- Decreased performance in athletics compared to their pre-COVID level
- Fatigue or breathing problems while participating in sports



Impact of Cold, Flu, and COVID-19 in Attendance Rates

It's no secret that the start of school means the start of cold and flu season. But with the Delta variant in the mix, the opportunities for infection are greater than ever before. While vaccination numbers for adults are rising, the pediatric vaccination timeline is still uncertain. Keeping up with active pandemic protocols in learning environments is essential in avoiding the loss of valuable classroom time. Implementing surface and air disinfection programs can ensure combined strength against viral transmission.

- An estimated **22 to 189 million** school days are missed annually due to the common cold.⁶
- Student absences have **doubled** during the pandemic.⁷
- Children miss approximately **38 million** school days every year due to influenza alone.⁸
- The CDC recommends students, teachers, and staff with positive COVID-19 test results should isolate, and unvaccinated close contacts should quarantine for **10 to 14 days** (3-5 days if vaccinated).⁹

IMPACT



\$10.4+ Billion

The flu alone costs U.S. companies \$10.4 billion in direct costs including hospitalizations and outpatient visits.



227+ Million

Approximately 227 million days of school are missed annually due to the cold and flu.



35+ Million

More than 35 million cases of the flu occur annually in the U.S. and Canada.



1-8 Days

Infected people can infect others one day before symptoms appear and up to 5 to 7 days after becoming sick.

SOLUTION



Cleaning Frequency

Increase frequency of cleaning during cold and flu season and disinfect commonly touched surfaces regularly using an EPA or Health registered disinfectant.



Oxivir Tb Wipes

Effective against a broad spectrum of germs including influenza viruses Oxivir Tb Wipes clean and disinfect in one minute.



Better Protection

Using a disinfectant cleaner kills germs for better protection.




How EnhancedClean Can Help Defend Your Classrooms

When it comes to combating illnesses in schools, the difference between simply cleaning and disinfecting is stark. While cleaning reduces germs, dirt, and impurities from surfaces and objects, disinfecting kills (or inactivates) germs.


An advanced disinfection program like EnhancedClean includes features like:

Enhanced Cleaning Protocols




The EnhancedClean program features a comprehensive three-step process to create safer, healthier environments. From pre-opening site assessments to frequent high-touch disinfection, you can be rest assured that your school is primed for success.

Electrostatic Spraying (ESS)




When used in tandem with an overall cleaning and disinfection program, ESS is proven to help create safer environments while decreasing the risk of cross-contamination. Through a pathogen droplet attraction method, ESS is key for disinfecting hard-to-reach areas and remote surfaces.

Frequent Disinfection of High-Touch Areas




High-touch school surfaces like desks, door handles, and light switches can be home to countless bacteria and pathogens. Our certified disinfection specialists complete cleaning intervals that range from hourly to daily, depending on your school's specific needs.

Internal Certification Program



ABM utilizes internal and external certification programs to ensure absolute training comprehension and consistent delivery. Our ANSI (American National Standards Institute) accredited training programs ensure that rigorous health protocols are met, newly-adopted disinfection methods are properly executed, and client standards are exceeded.

Evidence-Based Testing (EBT)



Going beyond the visual assessment of cleanliness, EBT with adenosine triphosphate (ATP) can help maximize occupant safety and peace of mind through regular cleanliness measurements and data reporting.

In addition to EnhancedClean, ABM's EnhancedFacility program can help your school district take the extra step to mitigate pathogen transmission. New and advanced disinfection technologies like needlepoint bipolar ionization, dry hydrogen peroxide generation, and far-UV and UV-C lighting can help ensure indoor air quality is optimized for student and faculty health.

Sources

1. [Learning loss from virtual school due to Covid is significant \(cnbc.com\)](#)
2. [Higher SARS-CoV-2 Delta variant transmission among K-12 schoolchildren can be reduced by interventions, says study \(news-medical.net\)](#)
3. [Is the Delta Variant More Dangerous For Kids? An Infectious Disease Doctor Explains \(msn.com\)](#)
4. [Why the Delta Variant Is a Serious Threat to Kids - The Atlantic](#)
5. [How COVID-19 Affects Kids Long Term - COVID-19, Featured, Health Topics, Pediatrics - Hackensack Meridian Health](#)
6. [Colds & cough - PubMed \(nih.gov\)](#)
7. [5 Things You Need to Know About Student Absences During COVID-19 \(edweek.org\)](#)
8. [kfos-etoolkit-1.pdf \(nfid.org\)](#)
9. [Operational Strategy for K-12 Schools through Phased Prevention | CDC](#)

About ABM

ABM (NYSE: ABM) is a leading provider of facility services in the United States and various international locations. ABM's comprehensive capabilities include janitorial, electrical & lighting, energy solutions, facilities engineering, HVAC & mechanical, landscape & turf, mission critical solutions and parking, provided through stand-alone or integrated solutions. ABM provides custom facility solutions in urban, suburban and rural areas to properties of all sizes - from schools and commercial buildings to hospitals, data centers, manufacturing plants and airports. ABM Industries Incorporated, which operates through its subsidiaries, was founded in 1909. For more information, visit [ABM.com](#).

To learn more about **ABM K-12 disinfection offerings**, visit [EnhancedClean.com](#) or call **866.624.1520** and press **3**.



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