

District-wide classroom retrofit

Mid-Atlantic U.S.

A regional K-12 district retrofitted 48 classrooms across three elementary schools with SafeAirUV™ fixtures during summer break.

48

CLASSROOMS

-38%

SICK DAYS

96

FIXTURES

6 wks

FULL INSTALL

THE CHALLENGE

Classrooms averaged 28 students in rooms sized for 24. HVAC systems dated from the 1990s ran on a fixed schedule with no active air disinfection. Sick-day rates spiked every winter.

THE SOLUTION

48 classrooms received 2 × SafeAirUV™ 2×4 troffers each, replacing existing fluorescent panels. Installation happened over a single 6-week summer window, coordinated with ceiling tile replacement.

OUTCOMES

- Reported student absences for respiratory illness fell 38% vs. same-period prior year.
- Teacher sick-day usage fell 24% in retrofitted schools; comparison school was flat.
- Facilities gained modern LED lighting district-wide as a byproduct of the retrofit.
- Parents surveyed at year-end reported significantly higher confidence in classroom air.

FACILITY SNAPSHOT

FACILITY TYPE	K-12 public district
CLASSROOMS	48 / 3 schools
FIXTURES	96 × 2×4 troffer
INSTALL	Summer break

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Same ceiling grid, better lighting, and cleaner air. Parents and teachers both noticed — which almost never happens with a facilities project.

— District Operations Lead