



THE STATE OF OUR SCHOOLS

THE SCOPE

	6.6B GROSS SQ FT of public PK-12 school / building space ²
	Nearly 100,000 public schools ²
	50M public school students ¹



That's enough to hire 35,845 new teachers.¹²

Energy improvements could save **25%**, or **\$2B NATIONALLY** ¹¹

Energy costs in K-12 schools total approximately \$8 billion annually nationwide ¹⁰,

PERSONNEL COSTS

ENERGY COSTS

the second highest expenditure after personnel costs. ¹¹

15,000 SCHOOLS have air that's unfit to breathe ⁴

ALL SCHOOLS SHOULD:⁴

- Comply with laws
- Be accessible to all students
- Be safe and healthy
- Improve learning, teaching and morale

1 2 3 4

Teachers in Washington, D.C. and Chicago reported missing an average of four days annually because of health problems caused by adverse building conditions.⁵ The true costs of teacher absenteeism to school districts include healthcare, lost hours of instruction and expenses related to substitute teachers, staff retention and recruitment.

More than 40% of surveyed school nurses report that children and staff are adversely impacted by avoidable indoor pollutants. ⁵

40%

7.1 million children under age 18 suffer from asthma, the leading cause of school absenteeism due to chronic disease.⁷ Approximately 14 million schools days are missed each year due to asthma. ⁸

THE HEALTH IMPACT

THE MONEY IMPACT

The total direct and indirect annual cost of asthma for children is \$2.8 billion nationally. ⁹



90%

9 out of 10 surveyed school administrators believe their investments to make schools environmentally responsible, profitable and healthy improve the well-being of students. ¹⁴

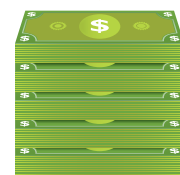
For more information on the State of our Schools report, please visit centerforgreenschools.org/stateofschools

TO COMPLY WITH LAWS ▼

\$271B

Public schools in the U.S. need an estimated \$271 billion to be brought to working order. ³

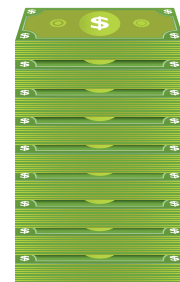
an average of \$5,450 PER STUDENT³



TO COMPLY WITH LAWS AND MODERNIZE ▼

\$542B

Double that amount is likely needed to modernize all schools, for a total of \$542 billion over the next 10 years. ¹³



MARCH 2013

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 3. 21st Century School Fund, Repair for Success: An Analysis of the Need and Possibilities for a Federal Investment in PK-12 School Maintenance and Repair (Washington, DC: 21st Century School Fund, 2009): 1, retrieved December 2012 from <http://www.21csf.org/csf-home/Documents/RepairforSuccessAugust2011.pdf>.
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 5. Survey results released by the Association of School Nurses (NASN) and Healthy Schools Network, January 11, 2011.

6. Jack Buckley, Mark Schneider, and Yi Shang, "Fix It and They Might Stay: School Facility Quality and Teacher Retention in Washington, D.C.," Teachers College Record 107, no. 5 (2005): 1107-1123.
 7. Centers for Disease Control and Prevention: National Center for Health Statistics, National Health Interview Survey Raw Data, 2011.
 8. Asthma's Impact on Children and Adolescents. Atlanta: National Center for Environmental Health, Centers for Disease Control and Prevention. 8 June 2006.
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 10. Environmental Protection Agency, Energy Efficiency Programs in K-12 Schools: A Guide to Developing and Implementing Greenhouse Gas Reduction Programs, Local Government Climate and Energy Strategy Series (Washington, DC: Environmental Protection Agency, 2011): 1, retrieved December 2012 from http://www.epa.gov/statelocalclimate/documents/pdf/k-12_guide.pdf.
 11. U.S. EPA, 2008; U.S. DOE, Energy Smart Schools, 2002.

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 13. 2012 State of Our Schools, Washington, D.C.: Center for Green Schools at the U.S. Green Building Council, 2013.
 14. New and Retrofit Green Schools: The Cost Benefits and Influence of a Green School on Its Occupants SmartMarket Report, McGraw-Hill Construction, 2013.