

School Absenteeism Calculator

Improved classroom hygiene may reduce the incidence of illness and absenteeism, resulting in significant savings for your school.

STUDENT ABSENTEEISM

	Example	Your Organization
Total number of students	500¹	
	X	X
Cost of absenteeism per day per student ²	\$70²	\$70
	X	X
Average No. of days per year students are absent due to illness ³	4.5	4.5
Total annual cost of absenteeism due to illness	\$157,500	\$
	X	X
Reduction in absenteeism ⁴	46%	46%
Potential Savings	= \$72,450	=



According to the National Education Association, the germiest surfaces in schools include water fountain spigots, plastic reusable cafeteria trays and bathroom faucets⁷.

According to a study conducted by Dr. Leonard Krilov and ACDS, improved cleaning of surfaces reduced absenteeism in school by 46%.⁴

TEACHER ABSENTEEISM

	Example	Your Organization
Total number of teachers	31⁵	
	X	X
Cost of absenteeism per day per teacher ⁶	\$105	
	X	X
Average No. of days per year teachers are absent due to illness ³	5.3	5.3
Total annual cost of absenteeism due to illness	= \$ 17,251	= \$
	X	X
Reduction in absenteeism ⁴	46%	46%
Potential Savings	= \$ 7,936	= \$

	\$72,450 + \$7,936	Potential Student Savings + Teacher Savings for your school
Total Potential Savings	= \$ 80,386	=

1. 500 Students is an estimate of the average number of students in a national public school. The Center for Educational Reform K-12 fact sheet indicates that as of 2012 there were 98,328 public schools with a total public school enrollment of 50,094,000.
2. This cost varies depending on the type of school, the state the school is in and other factors. The highest spending per pupil is in New York, with the spending per student per year being \$19,818 in 2013. The lowest spending is in Utah, with an average spending of \$6,555 per pupil in 2013. This roughly equates to \$110 in New York (\$19,818/180 school days in a year) and \$36 in Utah (\$6,555/180 school days in a year). For the purposes of this study, an example we will use is \$70.
3. "How Dirty is your child's school?" ISSA
4. "Impact of an infection control program in a specialized preschool." Krilov, Leonard R. et al. *American Journal of Infection Control*, Volume 24, Issue 3, 167 - 173 [June 1996]
5. The National Center For Education Statistics indicates that as of 2013 the public school student to teacher ratio was 16.1:1, so for every 500 students there are approximately 31 teachers
6. National average for a substitute teacher is \$105 per full day according to the National Substitute Teachers Alliance.
7. "Eek! There's a germ on my desk!" *National Education Association*

DO THE MATH. DO THE RIGHT THING FOR YOUR SCHOOL.



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Office Absenteeism Calculator

Illness costs money and takes a toll in countless ways on your business.

	Example	Your Organization
Total number of employees	2,000	
	X	X
Cost of illness absenteeism per employee	\$1,011²	\$1,011
Total annual cost of absenteeism due to illness	= \$2,022,000	= \$
	X	X
Reduction in absenteeism	46%³	46%
Potential Savings	= \$930,120	= \$

DO THE MATH. DO THE RIGHT THING.



Infectious diseases cost the U.S. \$120 billion¹ and employers \$225.8 billion² per year.

- On average, workplace absenteeism and presenteeism due to personal illness costs U.S. businesses \$1,011 per employee per year.²
- According to a study conducted by Dr. Leonard Krilov and ACDS, improved cleaning of surfaces reduced absenteeism in school by 46%.³



1. "Blueprint for a Healthier America," *Trust for America's Health* [October 19, 2016].
2. "Work Illness and Injury Costs U.S. Employers \$225.8 Billion Annually," *CDC Foundation* [January 28, 2015]. (\$1,685 per employee x 60% due to worker illness)
3. "Impact of an infection control program in a specialized preschool." Krilov, Leonard R. et al. *American Journal of Infection Control*, Volume 24 , Issue 3 , 167 – 173 [June 1996]