Idaho

Total Equipment Cost
$706M

Total Operating Cost
$10.2M

Students Affected
210,240

As climate change produces more extremely hot days across the country, many schools are struggling to cope with overheated classrooms and inadequate cooling systems—if they have them at all. This ongoing increase in the number of hot days during the academic year is forcing schools to install air conditioning or upgrade their equipment to a higher cooling capacity.

Hotter Days, Higher Costs: The Cooling Crisis in America's Classrooms analyzed localized heat trends during the school year from 1970 to 2025 using a widely used and publicly available ensemble of climate models. Our analysis identified a threshold of 32 days above 80 degrees Fahrenheit during the school year as the point at which air conditioning is needed, based on engineering protocols, peer-reviewed studies examining the relationship between heat and learning, and actual practice in school systems across the country. For every school district, we used climate model output to tally the number of days above the 80°F threshold during the school year in 1970 and 2025.

The result: billions of dollars in school cooling costs that are directly attributable to climate change.

THE IMPACT ON IDAHO

Climate change is leading to more hot days during the school year. Using 1970 as a baseline, by 2025 this climate-driven warming will require 333 Idaho schools to install AC at a cost of $705,964,000, impacting 169,770 students across 54 school districts in Idaho. By 2025, 61% of students in 54% of schools across Idaho will be impacted by these costs.

Once installed, schools will have to spend an additional $10,181,000 every year to operate and maintain these systems, which will impact 210,240 students.

THE IMPACT ON THE U.S.

Numerous studies have found that hot temperatures reduce a student's ability to learn.

Nationally, the bill totals over $40 billion to install or upgrade air conditioning in schools that serve a third of the country's public school students. That's equivalent to the amount that public schools spend each year on all capital improvements, according to the National Center for Education Statistics.

Who's going to pay for this? As it stands, taxpayers have been on the hook. The total bill is enormous, particularly for schools feeling the pinch from increased spending on security and health-safety measures, and burgeoning technology demands. Taxpayers, teachers, and students aren't to blame for rising temperatures. Oil and gas executives have known nearly half a century that their products were causing climate change, and intentionally misled the public about the dangers.

Schoolchildren understand that when you make a mess, it's your responsibility to clean it up. It's time to hold oil and gas executives accountable for the damage they've caused.

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See our full report for more data at coolingcrisis.org

The Cost of Cooling Idaho's Schools

TOP 10 SCHOOL DISTRICTS, RANKED BY EQUIPMENT COST

RANK	SCHOOL DISTRICT	TOTAL EQUIPMENT	ANNUAL OPERATIONS & MAINTENANCE	# OF STUDENTS IMPACTED	INCREASE IN HEAT DAYS (TOTAL HEAT DAYS)
1	Meridian Joint School District 2	$141,540,253	$2,234,426	38,855	14/45
2	Boise City Independent School District 1	$99,822,616	$1,454,455	24,382	14/43
3	Nampa School District 131	$59,206,432	$891,357	14,104	15/45
4	Idaho Falls School District 91	$41,892,205	$463,127	10,147	14/34
5	Bonneville Joint School District 93	$40,439,969	$422,497	9,978	14/33
6	Twin Falls School District 411	$38,814,655	$518,796	9,375	14/42
7	Pocatello School District 25	$36,226,681	$405,520	8,962	14/35
8	Cassia County Joint School District 151	$23,285,701	$286,536	5,601	13/36
9	Kuna Joint School District 3	$22,292,070	$324,710	5,314	16/43
10	Lewiston Independent School District 340	$18,970,332	$289,798	4,652	13/41

TOP 10 SCHOOL DISTRICTS, RANKED BY OPERATIONS & MAINTENANCE COST

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7	Pocatello School District 25	$36,226,681	$405,520	8,962	14/35
8	Kuna Joint School District 3	$22,292,070	$324,710	5,314	14/47
9	Vallivue School District 139	$16,914,488	$316,408	8,978	16/43
10	Lewiston Independent School District 340	$18,970,332	$289,798	4,652	14/46

Total equipment is the combined estimated HVAC installation and upgrade costs from 1970–2025.
Annual Operation & Maintenance is the estimated costs of operating and maintaining the HVAC systems.
Heat days are the number of days 80° or warmer between September 1 and June 15.
The increase in heat days was estimated between 1970–2025.

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