

2015 Facility Condition Assessment Summary Report

This report provides a summary of the Facility Condition Index (FCI) value of a school facility and select major building systems. The FCI is a numerical representation of condition organized into five performance tiers.

Howe School

Governance	DISTRICT	Report Type	Elementary
Address	5800 N. 13Th St. Philadelphia, Pa 19141	Enrollment	254
Phone/Fax	215-276-5270 / 215-276-5380	Grade Range	'00-05'
Website	Www.Philasd.Org/Schools/Howe	Admissions Category	Neighborhood
		Turnaround Model	N/A

Building/System FCI Tiers

Facility Condition Index (FCI) = $\frac{\text{Cost of Assessed Deficiencies}}{\text{Replacement Value}}$				
< 15%	15 to 25%	25 to 45%	45 to 60%	> 60%
Buildings				
Minimal Current Capital Funding Required	Refurbish Systems in building	Replace Systems in building.	Building should be considered for major renovation.	Building should be considered for closing/replacement.
Systems				
Perform routine maintenance on system	System requires minor repairs	System should be studied to determine repair vs. replacement.	System is nearing end of its life expectancy and should be considered for replacement	System should be replaced as part of the Capital Program

Building and Grounds

	FCI	Repair Costs	Replacement Cost
Overall	39.07%	\$9,658,846	\$24,719,933
Building	38.96 %	\$9,185,367	\$23,573,598
Grounds	30.71 %	\$274,526	\$894,020

Major Building Systems

Building System	System FCI	Repair Costs	Replacement Cost
Roof (Shows physical condition of roof)	00.00 %	\$0	\$595,051
Exterior Walls (Shows condition of the structural condition of the exterior facade)	00.00 %	\$0	\$1,264,410
Windows (Shows functionality of exterior windows)	00.00 %	\$0	\$552,015
Exterior Doors (Shows condition of exterior doors)	119.70 %	\$80,961	\$67,635
Interior Doors (Classroom doors)	20.10 %	\$30,611	\$152,280
Interior Walls (Paint and Finishes)	00.00 %	\$0	\$641,520
Plumbing Fixtures	02.13 %	\$27,264	\$1,278,990
Boilers	46.81 %	\$353,929	\$756,135
Chillers/Cooling Towers	65.65 %	\$650,841	\$991,440
Radiators/Unit Ventilators/HVAC	147.80 %	\$2,573,281	\$1,741,095
Heating/Cooling Controls	158.90 %	\$868,810	\$546,750
Electrical Service and Distribution	171.34 %	\$673,097	\$392,850
Lighting	32.96 %	\$462,939	\$1,404,540
Communications and Security (Cameras, Pa System and Fire Alarm)	67.22 %	\$353,627	\$526,095

Please note that some FCI's may be over 100 because there are times when replacing a building system requires that other building systems be upgraded to complete the installation.