

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.

Barton School

Governance	DISTRICT	Report Type	Elementary
Address	4600 Rosehill St. Philadelphia, Pa 19120	Enrollment	752
Phone/Fax	215-456-3007 / 215-456-5578	Grade Range	'00-02'
Website	Www.Philasd.Org/Schools/Barton	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	47.62%	\$18,293,137	\$38,418,777
Building	49.35 %	\$17,844,364	\$36,159,365
Grounds	18.65 %	\$448,773	\$2,405,978

Major Building Systems

Building System	System FCI	Repair Costs	Replacement Cost
Roof (Shows physical condition of roof)	92.64 %	\$832,627	\$898,796
Exterior Walls (Shows condition of the structural condition of the exterior facade)	12.23 %	\$325,990	\$2,664,902
Windows (Shows functionality of exterior windows)	144.28 %	\$1,876,062	\$1,300,322
Exterior Doors (Shows condition of exterior doors)	66.74 %	\$69,873	\$104,690
Interior Doors (Classroom doors)	372.74 %	\$944,617	\$253,422
Interior Walls (Paint and Finishes)	15.47 %	\$187,759	\$1,213,682
Plumbing Fixtures	17.68 %	\$172,622	\$976,144
Boilers	97.32 %	\$1,311,841	\$1,347,974
Chillers/Cooling Towers	67.94 %	\$1,200,804	\$1,767,456
Radiators/Unit Ventilators/HVAC	170.17 %	\$5,281,958	\$3,103,878
Heating/Cooling Controls	132.68 %	\$1,293,203	\$974,700
Electrical Service and Distribution	63.11 %	\$441,956	\$700,340
Lighting	02.84 %	\$70,998	\$2,503,896
Communications and Security (Cameras, Pa System and Fire Alarm)	46.17 %	\$433,023	\$937,878

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.