

## 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.

### Carnell School

Governance	DISTRICT	Report Type	Elementary
Address	1100 Devereaux Ave.	Enrollment	979
	Philadelphia, Pa 19111	Grade Range	'00-05'
Phone/Fax	215-537-2527 / 215-537-6305	Admissions Category	Neighborhood
Website	Www.Philasd.Org/Schools/Carnell	Turnaround Model	School Redesign Initiative

### 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
<b>Overall</b>	<b>56.26%</b>	<b>\$22,454,832</b>	<b>\$39,911,930</b>
Building	58.78 %	\$22,067,850	\$37,545,427
Grounds	15.37 %	\$386,982	\$2,518,520

### Major Building Systems

Building System	System FCI	Repair Costs	Replacement Cost
<b>Roof</b> (Shows physical condition of roof)	88.88 %	\$877,544	\$987,327
<b>Exterior Walls</b> (Shows condition of the structural condition of the exterior facade)	02.19 %	\$60,622	\$2,764,005
<b>Windows</b> (Shows functionality of exterior windows)	132.83 %	\$1,791,476	\$1,348,679
<b>Exterior Doors</b> (Shows condition of exterior doors)	38.61 %	\$41,924	\$108,583
<b>Interior Doors</b> (Classroom doors)	436.66 %	\$1,147,753	\$262,846
<b>Interior Walls</b> (Paint and Finishes)	24.02 %	\$302,350	\$1,258,817
<b>Plumbing Fixtures</b>	52.14 %	\$527,933	\$1,012,445
<b>Boilers</b>	93.83 %	\$1,311,841	\$1,398,103
<b>Chillers/Cooling Towers</b>	65.70 %	\$1,204,455	\$1,833,185
<b>Radiators/Unit Ventilators/HVAC</b>	192.08 %	\$6,183,555	\$3,219,306
<b>Heating/Cooling Controls</b>	170.09 %	\$1,719,495	\$1,010,948
<b>Electrical Service and Distribution</b>	122.29 %	\$888,300	\$726,385
<b>Lighting</b>	67.52 %	\$1,753,548	\$2,597,012
<b>Communications and Security</b> (Cameras, Pa System and Fire Alarm)	20.94 %	\$203,735	\$972,756

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.