

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.

Bache-Martin School

Governance	DISTRICT	Report Type	Elementary/middle
Address	2201 Brown St. Philadelphia, Pa 19130	Enrollment	480
Phone/Fax	215-684-5074 / 215-684-5446	Grade Range	'00-08'
Website	Www.Philasd.Org/Schools/Bachemartin	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	70.70%	\$16,705,080	\$23,629,456
Building	69.33 %	\$16,345,458	\$23,575,460
Grounds	150.30 %	\$359,621	\$239,273

Major Building Systems

Building System	System FCI	Repair Costs	Replacement Cost
Roof (Shows physical condition of roof)	119.84 %	\$905,118	\$755,254
Exterior Walls (Shows condition of the structural condition of the exterior facade)	60.25 %	\$1,007,432	\$1,672,023
Windows (Shows functionality of exterior windows)	169.82 %	\$1,385,484	\$815,853
Exterior Doors (Shows condition of exterior doors)	138.65 %	\$91,073	\$65,685
Interior Doors (Classroom doors)	245.88 %	\$390,964	\$159,003
Interior Walls (Paint and Finishes)	135.00 %	\$1,028,049	\$761,493
Plumbing Fixtures	07.43 %	\$45,475	\$612,456
Boilers	127.70 %	\$1,079,984	\$845,751
Chillers/Cooling Towers	64.60 %	\$716,386	\$1,108,944
Radiators/Unit Ventilators/HVAC	158.18 %	\$3,080,500	\$1,947,447
Heating/Cooling Controls	158.90 %	\$971,780	\$611,550
Electrical Service and Distribution	214.63 %	\$943,118	\$439,410
Lighting	50.39 %	\$791,653	\$1,571,004
Communications and Security (Cameras, Pa System and Fire Alarm)	50.27 %	\$295,831	\$588,447

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.

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Martin (Bache-Martin) School

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Building and Grounds

	FCI	Repair Costs	Replacement Cost
Overall	40.15%	\$13,364,629	\$33,286,991
Building	37.96 %	\$13,258,196	\$34,929,276
Grounds	28.83 %	\$106,433	\$369,155

Major Building Systems

Building System	System FCI	Repair Costs	Replacement Cost
Roof (Shows physical condition of roof)	00.00 %	\$0	\$2,229,520
Exterior Walls (Shows condition of the structural condition of the exterior facade)	44.58 %	\$807,237	\$1,810,760
Windows (Shows functionality of exterior windows)	00.00 %	\$0	\$790,540
Exterior Doors (Shows condition of exterior doors)	244.47 %	\$236,790	\$96,860
Interior Doors (Classroom doors)	109.37 %	\$238,513	\$218,080
Interior Walls (Paint and Finishes)	41.24 %	\$378,856	\$918,720
Plumbing Fixtures	00.00 %	\$0	\$1,831,640
Boilers	00.00 %	\$0	\$1,082,860
Chillers/Cooling Towers	50.14 %	\$711,883	\$1,419,840
Radiators/Unit Ventilators/HVAC	189.97 %	\$4,736,654	\$2,493,420
Heating/Cooling Controls	186.51 %	\$1,460,373	\$783,000
Electrical Service and Distribution	143.96 %	\$809,930	\$562,600
Lighting	51.78 %	\$1,041,608	\$2,011,440
Communications and Security (Cameras, Pa System and Fire Alarm)	39.27 %	\$295,831	\$753,420

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