

State of Maryland Interagency Commission on School Construction

Statewide Facilities Assessment FY 2023 Annual Report



IAC

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Statewide Facilities Assessment FY 2023

The SFA assesses the physical condition and educational sufficiency of school facilities in Maryland to give the State the ability to identify the facilities with the highest needs, and to provide critical information to both State and local decision makers so they are better equipped to focus capital dollars on those facilities. The IAC will re-assess each facility at least every four years to ensure the data is up to date, as mandated by law.

Using data collected in the assessment, **each facility receives an overall Facility Condition Index (FCI) score**, which is the amount the facility is depleted with respect to the Expected Useful Lifespan (EUL) of its systems. The facility-level FCI is the cost-weighted average of the FCIs of the major building-system components in the facility. The FY 2023 **Statewide average FCI is 52%** indicating that, on average, facilities and their systems are approximately halfway through their expected life-cycle. A comfortable and more fiscally sustainable average FCI level would be in the 30-35% range.

After relevancy weighting is determined by the Workgroup on the Assessment and Funding of School Facilities, the FCI score will be combined with considerations of the IAC's Educational Facilities Sufficiency Standards to create a combined facility score called the **Maryland Condition Index (MDCI)**, which will reflect both the condition and educational sufficiency of the facility and allow the State and LEAs to compare each facility against all others and make informed, data driven decisions to determine funding priority for capital construction projects based on need.

**Download the
SFA Info Packet
to learn more**



52%

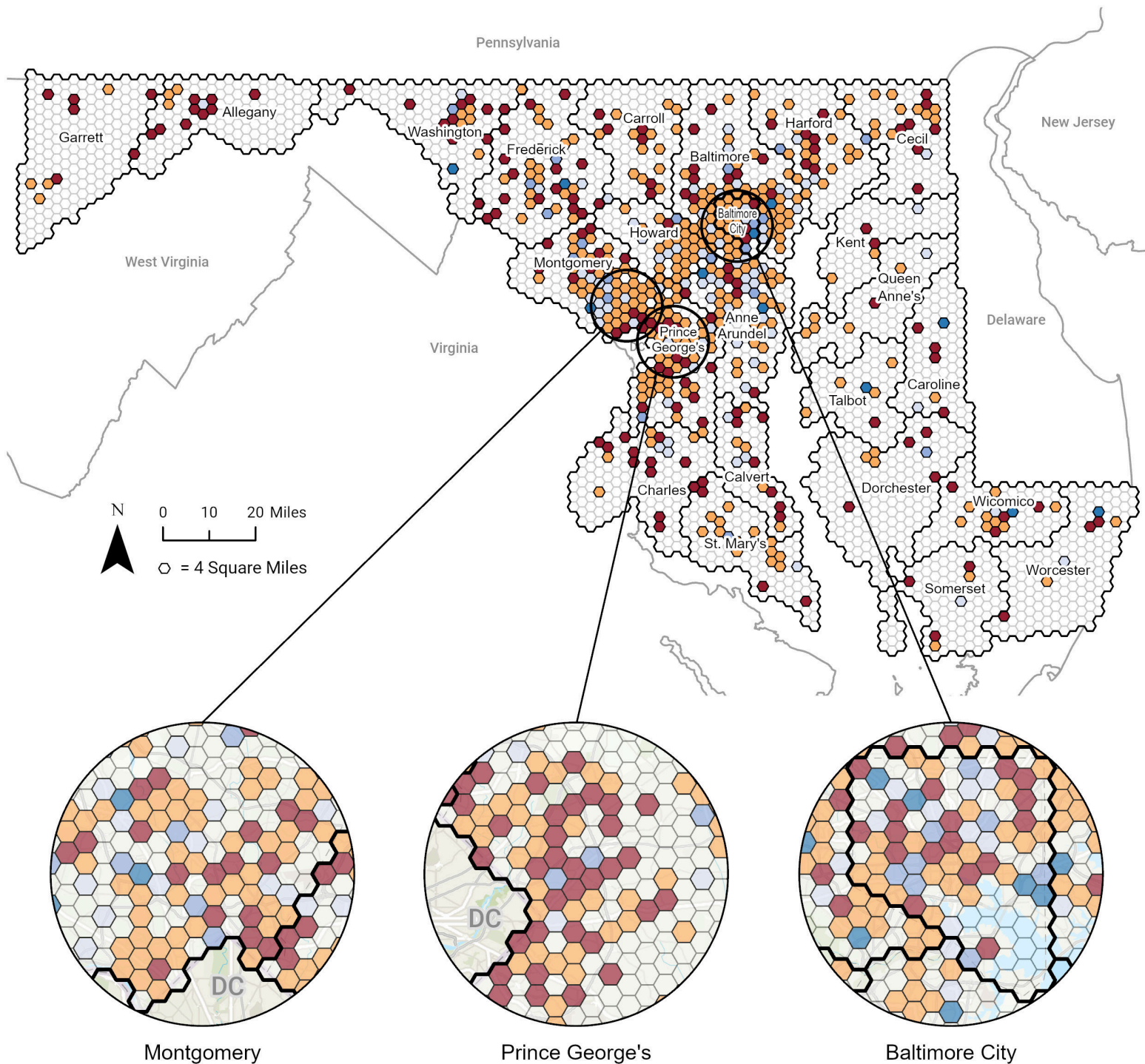
State Average FCI



FCI	Common First Perceptions
15% and below	Feels essentially like a new building!
15-30%	Good condition. Comfortable. Appears to be in good overall repair. Generally, everything operates as intended.
30-45%	Condition is satisfactory, although some repairs are needed. Does not generally feel uncomfortable anywhere in the occupied spaces of the facility.
45-60%	Visibly in need of repair. Conditions verge on uncomfortable with some areas of the facility worse than others. Building generally functions OK, but occasionally becomes unreliable. LEA should be considering and planning improvement solutions.
Above 60%	Building functions have become unreliable. Not esthetically or environmentally comfortable in some or all areas of the facility. Should be considered imminently for improvements (including potential renovation/replacement)



FCI SCORES STATEWIDE FY 2023



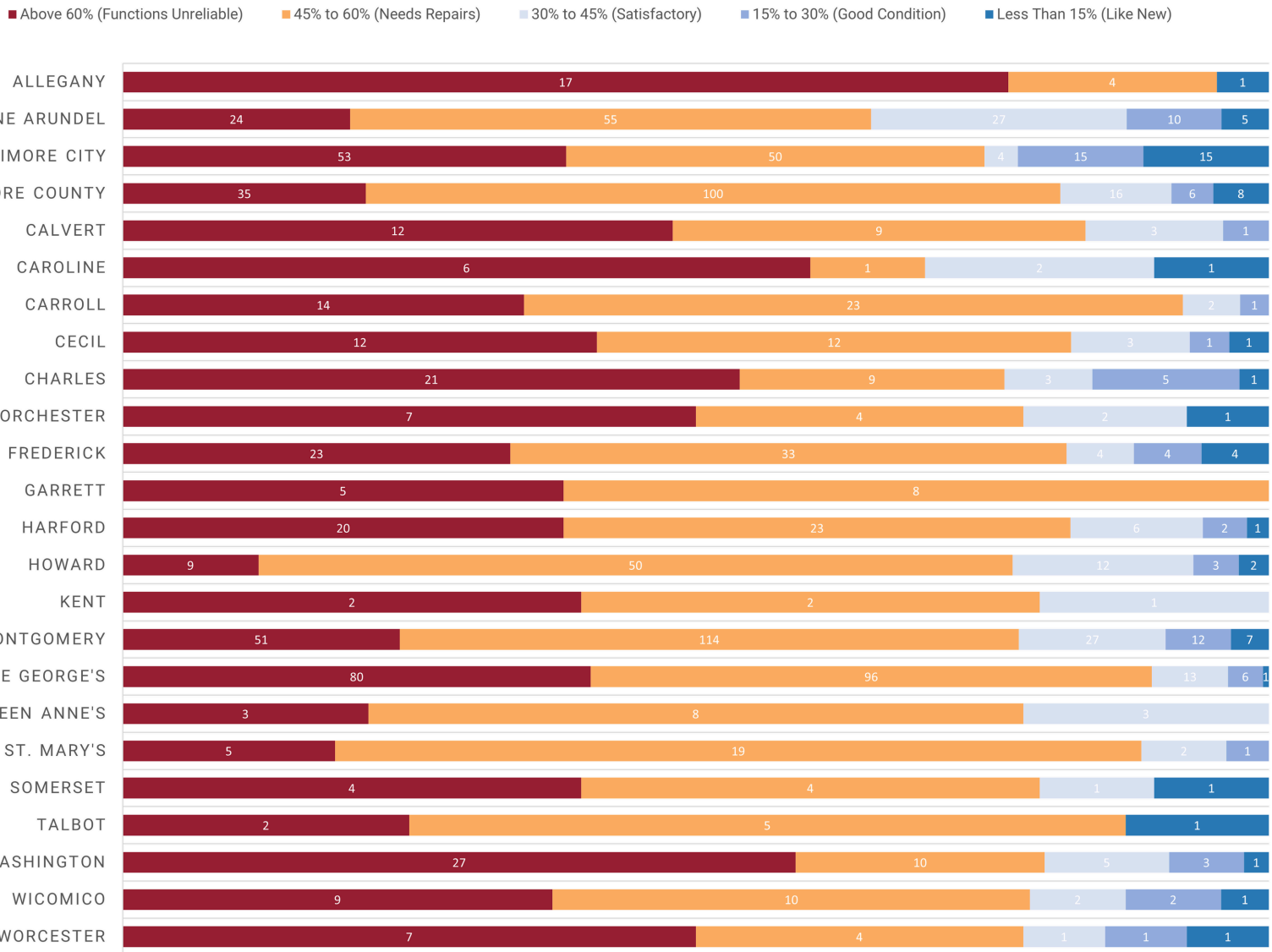
Facility Condition Index (FCI) aggregated by 4 sq. mi. hexagonal grid. Given jurisdiction edges are approximated by the grids; facilities whose true location is outside of their gridded jurisdiction boundary have been reassigned to the nearest grid within the proper jurisdiction.

The three large scale (1 sq mi. hexagonal grid) call-out exhibits display aggregate FCI for areas in which density of school facilities exceeds 7 facilities per 4 sq. mi. hexagonal grid in the statewide figure.

FCI scores for individual facilities can be found on the [IAC website](#).

FCI BY LEA FY 2023

FACILITY CONDITION INDEX (FCI) BY LEA



The baseline assessment, conducted from December 2020-June 2021 assessed 1,383 facilities. 392 facilities were reassessed in the first refresh cycle from July-October 2022, and 328 in the second refresh cycle from January-August 2023.

The IAC's facilities assessment team will continue to conduct physical refresh assessments each year of approximately 25% of school facilities in the state, ensuring that every facility in Maryland is re-assessed at least every four years. For facilities not receiving a physical assessment in a given year, key condition data are mathematically updated to maintain comparability across all facilities.

Statewide and LEA-wide FCIs By System Group FY 2023

LEA	Average FCI	Ceilings	Conveyances	Electrical Distribution	Flooring	HVAC	Interior Construction	Interior Doors and Hardware	Life Safety	Modulars	Plumbing Fixtures	Program Support Equipment	Relocatables	Roofs	Site	Skin	Structural	Wall Finishes	PLP *
Statewide	51.56%	61.98%	54.72%	53.29%	62.80%	55.59%	50.78%	54.22%	52.32%	49.54%	57.00%	64.07%	59.92%	55.07%	55.75%	53.04%	36.96%	54.13%	17.65%
Allegany	61.93%	74.15%	72.62%	64.65%	72.99%	70.75%	55.09%	70.34%	68.63%	N/A	68.98%	73.49%	N/A	51.05%	63.71%	64.95%	50.62%	65.66%	29.76%
Anne Arundel	47.47%	56.62%	51.47%	50.32%	60.06%	51.58%	46.67%	35.43%	48.52%	35.50%	55.54%	57.90%	46.43%	55.33%	45.93%	47.62%	32.05%	44.26%	16.21%
Baltimore City	49.90%	57.25%	47.69%	48.78%	66.05%	48.19%	52.29%	53.85%	41.04%	49.77%	52.47%	61.01%	68.22%	52.00%	47.93%	53.22%	43.62%	48.15%	23.33%
Baltimore Co.	50.69%	62.66%	51.69%	45.53%	68.59%	51.35%	51.75%	55.57%	50.76%	41.61%	59.73%	64.79%	44.15%	52.92%	63.30%	53.16%	37.20%	63.88%	19.58%
Calvert	50.90%	61.25%	65.71%	58.14%	50.31%	56.84%	44.05%	51.57%	57.31%	97.14%	54.86%	53.01%	77.41%	62.42%	55.80%	52.27%	26.74%	47.22%	13.61%
Caroline	50.42%	61.21%	48.29%	49.53%	49.12%	59.10%	47.66%	44.88%	44.03%	90.00%	44.38%	53.05%	71.85%	59.33%	50.78%	53.28%	40.27%	60.50%	11.98%
Carroll	56.61%	66.02%	71.81%	64.39%	63.49%	67.33%	52.38%	64.82%	63.87%	75.19%	61.74%	71.81%	81.85%	43.72%	62.69%	58.38%	38.98%	72.62%	16.56%
Cecil	55.98%	71.09%	68.72%	59.23%	66.65%	65.00%	52.62%	62.69%	58.64%	52.22%	58.85%	68.81%	32.44%	64.19%	59.59%	55.56%	35.04%	60.54%	14.22%
Charles	53.12%	60.05%	49.92%	56.18%	60.28%	58.72%	49.19%	50.61%	53.51%	75.25%	58.68%	56.93%	70.59%	63.93%	53.01%	54.25%	33.14%	46.26%	19.15%
Dorchester	47.86%	68.68%	47.59%	49.47%	61.96%	62.62%	31.51%	59.19%	59.19%	80.79%	60.26%	63.05%	73.14%	40.38%	58.34%	42.55%	30.37%	63.82%	17.35%
Frederick	49.60%	65.39%	54.08%	51.00%	56.42%	59.01%	46.97%	52.46%	49.69%	58.06%	51.81%	62.11%	68.08%	56.22%	52.42%	49.76%	33.08%	47.42%	14.40%
Garrett	58.75%	71.47%	68.66%	63.74%	61.72%	61.92%	57.94%	69.95%	62.62%	65.00%	71.80%	62.59%	53.33%	68.14%	50.24%	55.46%	44.80%	48.26%	15.06%
Harford	50.75%	58.23%	61.93%	46.27%	63.03%	55.22%	49.98%	58.14%	59.41%	46.73%	60.93%	67.14%	66.51%	56.24%	55.50%	52.23%	35.80%	65.12%	15.27%
Howard	49.91%	56.72%	58.93%	45.52%	58.14%	59.58%	48.60%	47.30%	49.90%	27.03%	53.88%	63.04%	62.35%	56.62%	57.06%	50.50%	35.92%	45.25%	10.66%
Kent	59.37%	73.44%	76.00%	55.05%	63.61%	58.84%	61.31%	57.83%	59.46%	N/A	70.05%	81.99%	N/A	49.35%	62.82%	63.25%	53.12%	N/A	20.41%
Montgomery	49.47%	62.65%	58.06%	56.80%	62.16%	53.60%	48.07%	53.46%	50.63%	35.05%	52.34%	65.11%	50.56%	47.62%	53.55%	50.81%	33.12%	57.62%	12.76%
Prince George's	56.37%	66.78%	50.32%	60.68%	63.70%	56.93%	56.11%	65.63%	61.49%	45.22%	63.44%	68.55%	65.46%	63.98%	62.39%	57.18%	39.27%	46.02%	26.06%
Queen Anne's	54.14%	68.30%	63.73%	52.16%	56.05%	65.25%	51.58%	49.39%	54.33%	100.00%	50.03%	60.62%	71.46%	67.90%	62.40%	53.96%	37.18%	55.89%	9.20%
St. Mary's	53.96%	60.95%	58.12%	56.60%	47.74%	64.88%	49.97%	53.92%	47.42%	57.24%	61.52%	57.41%	78.20%	55.40%	48.08%	58.77%	41.81%	49.40%	12.39%
Somerset	48.17%	51.60%	52.09%	51.26%	55.53%	48.94%	48.85%	44.84%	47.39%	75.00%	46.60%	57.88%	66.77%	39.34%	63.44%	54.39%	38.98%	46.97%	11.50%
Talbot	47.21%	56.92%	55.00%	47.78%	43.20%	54.70%	50.66%	43.35%	50.32%	85.00%	42.83%	54.89%	N/A	43.61%	40.18%	55.23%	43.29%	22.70%	13.30%
Washington	58.22%	66.69%	53.67%	62.09%	63.32%	67.14%	55.21%	66.84%	65.68%	60.54%	69.76%	75.38%	70.88%	56.16%	60.56%	53.53%	45.81%	46.08%	18.75%
Wicomico	51.31%	53.68%	48.02%	52.74%	62.15%	55.20%	48.38%	55.29%	50.18%	55.69%	57.50%	68.53%	70.26%	55.59%	49.31%	52.64%	37.06%	81.52%	11.38%
Worcester	53.66%	65.95%	62.87%	54.59%	54.73%	61.85%	45.82%	52.85%	55.76%	N/A	61.19%	64.68%	75.56%	58.07%	56.29%	54.77%	38.66%	63.16%	15.76%

*Projected Lifespan as a Percentage (PLP) of Expected Useful Lifespan