



Update on Pillar 4 Strategic Plan Goals Regent Finance Committee May 22, 2025

Past Action

- CU System Strategic Plan approved by Board of Regents
 - June 2021
- Annual progress presentations to Regents Finance Committee
 - May 2022
 - May 2023
 - May 2024
 - May 2025

CU Boulder Successes Since May 2024

- Energy efficiency improvements underway in 18 buildings*
- Williams Village steam to hot water conversion project underway*
- Two solar projects (1.1 MW on-site*, 5 MW off-site)
- 8 battery electric buses by the end of 2025
- New Buff Surplus Store (shown right) for CU and external customers
- In partnership with System Administration, awarded grant from Wells Fargo (through NREL) for pilot window upgrade project
- Geothermal grants – awarded from Colorado Energy Office – design and feasibility studies underway
- #1 university for plant-based dining
- #1 university in game day per capita recycling



UCCS Successes Since May 2024

- 20-year anniversary of the Office of Sustainability
- Hired Director of Sustainability Programming and Farm position
- Increased sustainability outreach through
 - Stakeholder meetings
 - Community sustainability summit
 - Sustainable speaker series
 - Classroom presentations
- Awarded 20 campus grants
 - 10 projects are student led
 - One third of projects focused on research
 - Include support for food waste reduction, research to reduce e-waste, mental well-being, and the study of sustainable practices
- Partnered with Colorado Springs Utilities on energy audits of the 9 largest facilities on campus



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CU Denver Successes Since May 2024

- Hired a Principal Sustainability Professional position
- Established CU Denver-specific sustainability goals and metrics
- Started participating in Xcel's Strategic Energy Management program to improve energy efficiency and building performance use
 - Goal is ongoing savings and continuous performance improvement
- Began LED retrofit of more than 10,000 lights
 - Expected to increase efficiency by reducing electrical consumption by 5%



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CU Anschutz Successes Since May 2024

- Completed campus Energy Master Plan
 - Goal is to reduce greenhouse gas emissions (GHG) to zero by 2050
- Developing campus Climate Action Plan
 - Extensive campus stakeholder involvement
 - Will address Scope 3 GHG emissions
 - Expected completion July 2025
- Launched program to increase lab efficiency
 - Modeled after nationally recognized program created by CU Boulder
 - 10 pilot labs currently pursuing certification
 - Waste diversion program helps identify research-specific waste streams and provide opportunities for efficiencies
 - Significant resource and monetary savings



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Presentation Roadmap

What is “EUI”?

- EUI, or Energy Use Intensity, expresses a building’s energy use as a function of its size. EUI is expressed as energy per square foot per year.

What is “GHG”?

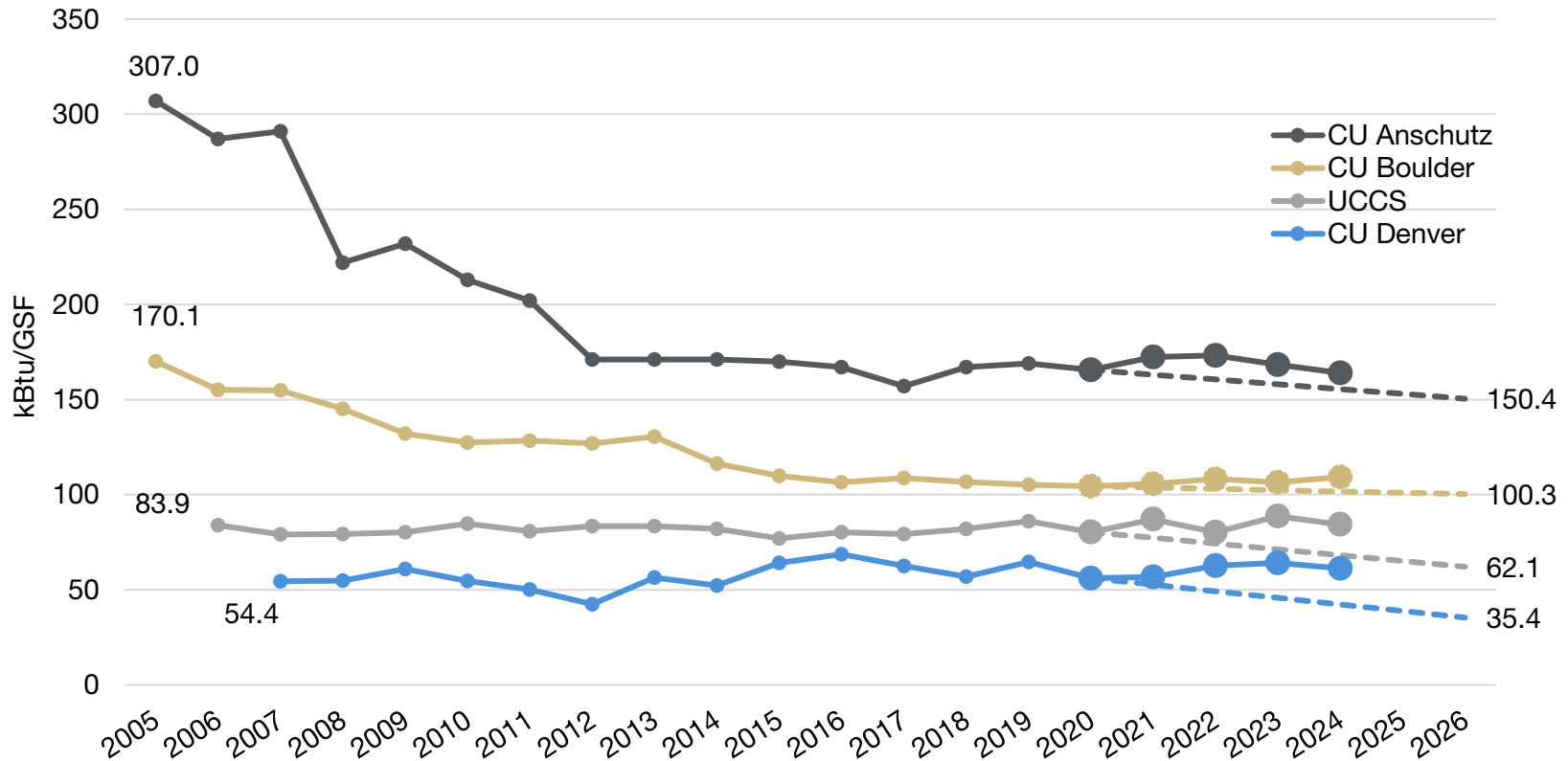
- Greenhouse gas (GHG) is measured in metric tons of carbon dioxide equivalent or MTCO₂e. This unit represents an amount of a GHG whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide based on the global warming potential of the gas.

What is “FCI”?

- The Facilities Condition Index (FCI) measures the cost of remedying a building’s deficiencies compared to the building’s current replacement value. The target FCI is 85.
- If a building FCI is below 85, the building deficiencies are broadly described as deferred maintenance, or any outstanding maintenance or repair needs that have been delayed, typically because of budget constraints.



Energy Use Intensity Goals (with 2024 actuals)



	Actuals (kBtu/GSF)	2026 Goals (kBtu/GSF)	
CU Anschutz	164.0	150.4	51% Reduction
CU Boulder	109.3	100.3	41% Reduction
UCCS	84.3	62.1	26% Reduction
CU Denver	61.3	35.4	35% Reduction

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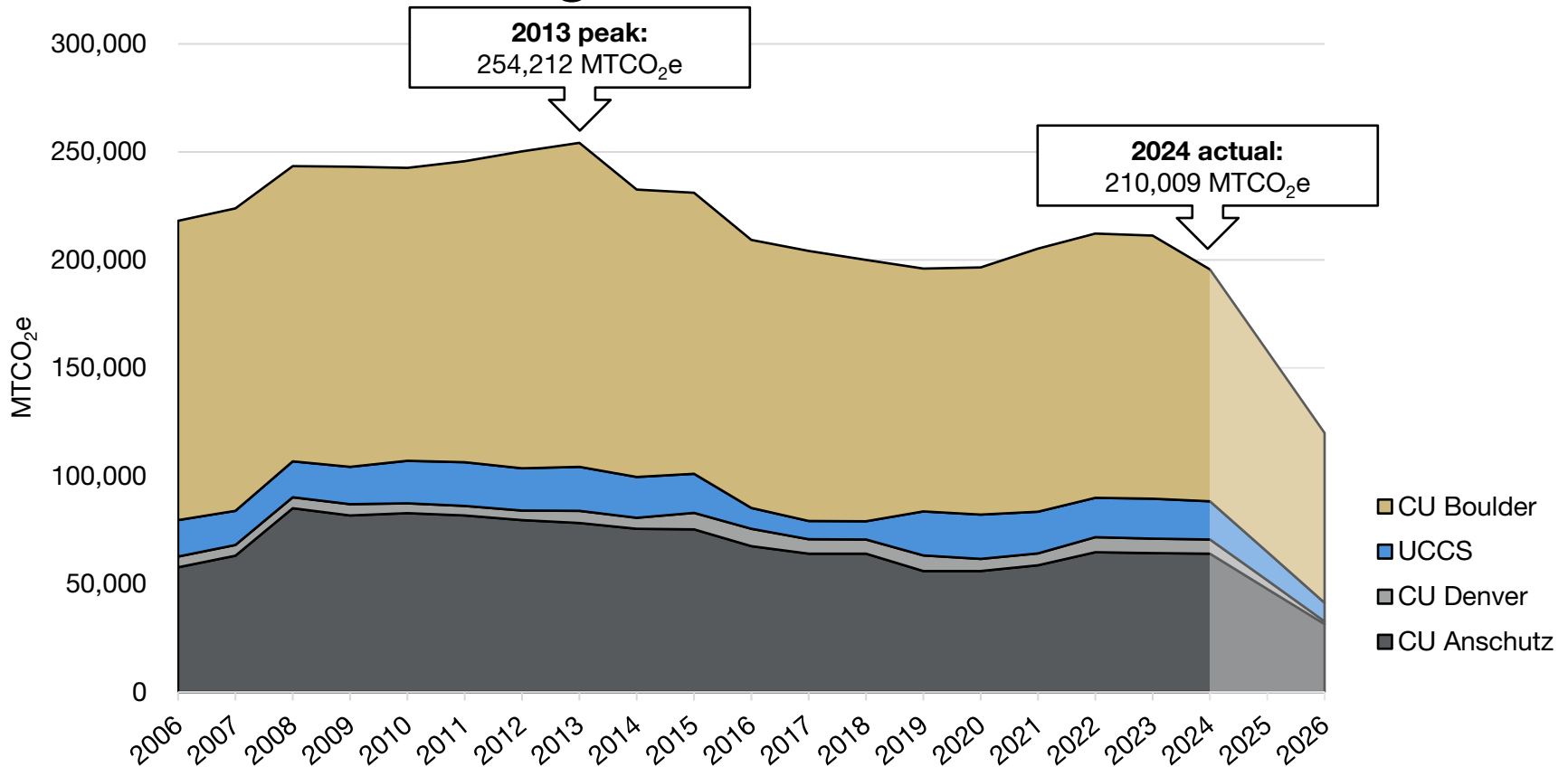
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Greenhouse Gas Emissions (MTCO₂e)

Progress Toward Goal

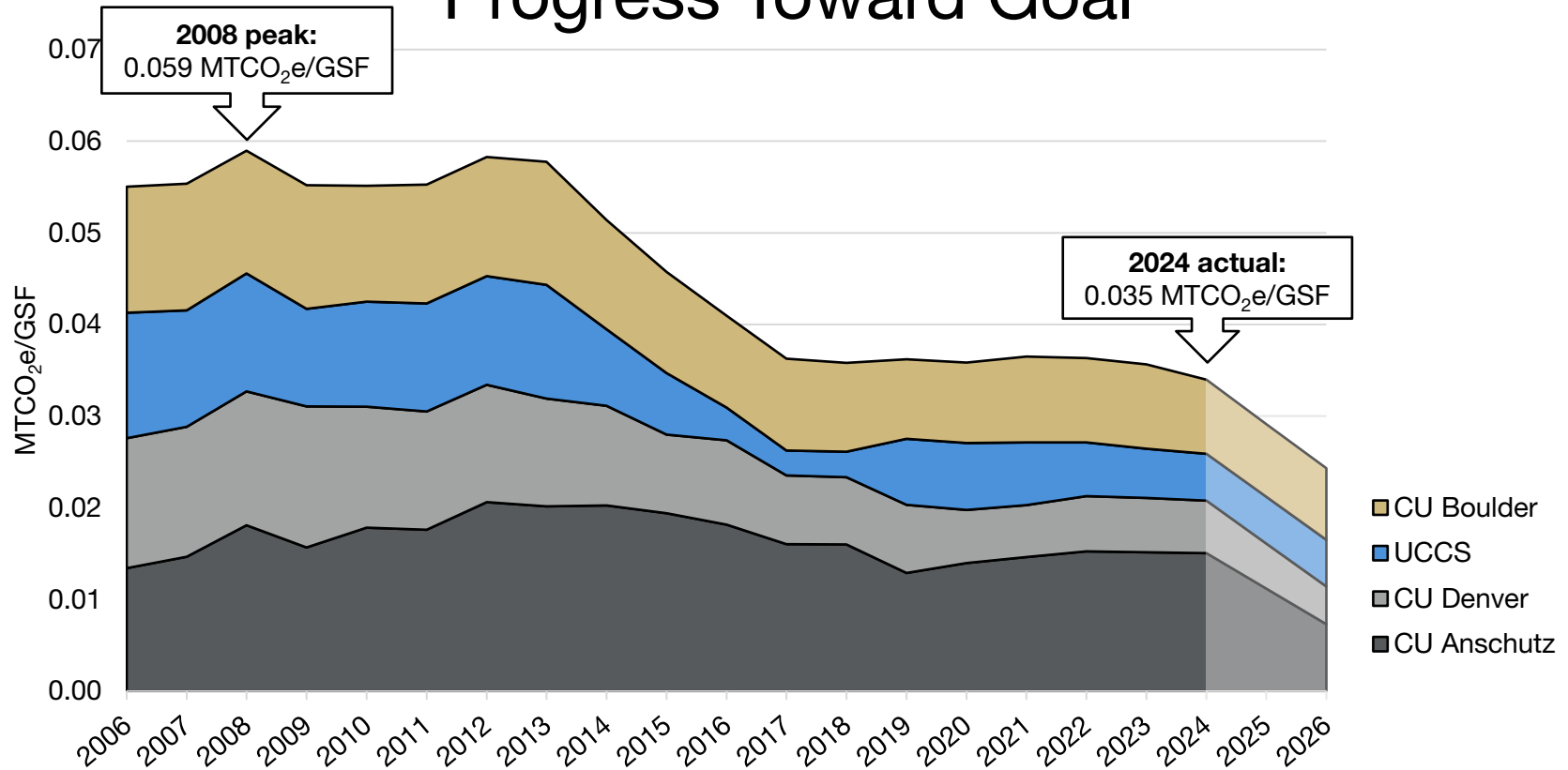


	Actuals (MTCO ₂ e)	2026 Goals (MTCO ₂ e)	
CU Boulder	121,704*	78,653	42% Reduction from 2005
UCCS	17,636	8,634	49% Reduction from 2006
CU Denver	6,578	1,233	71% Reduction from 2006
CU Anschutz	64,091	31,433	40% Reduction from 2005

Notes: UCCS, CU Denver, and CU Anschutz data through 2024. CU Boulder data through 2023.
Data reflects Scope 1 and 2 emissions; does not include Scope 3.

Greenhouse Gas Emissions (MTCO₂e)/GSF

Progress Toward Goal

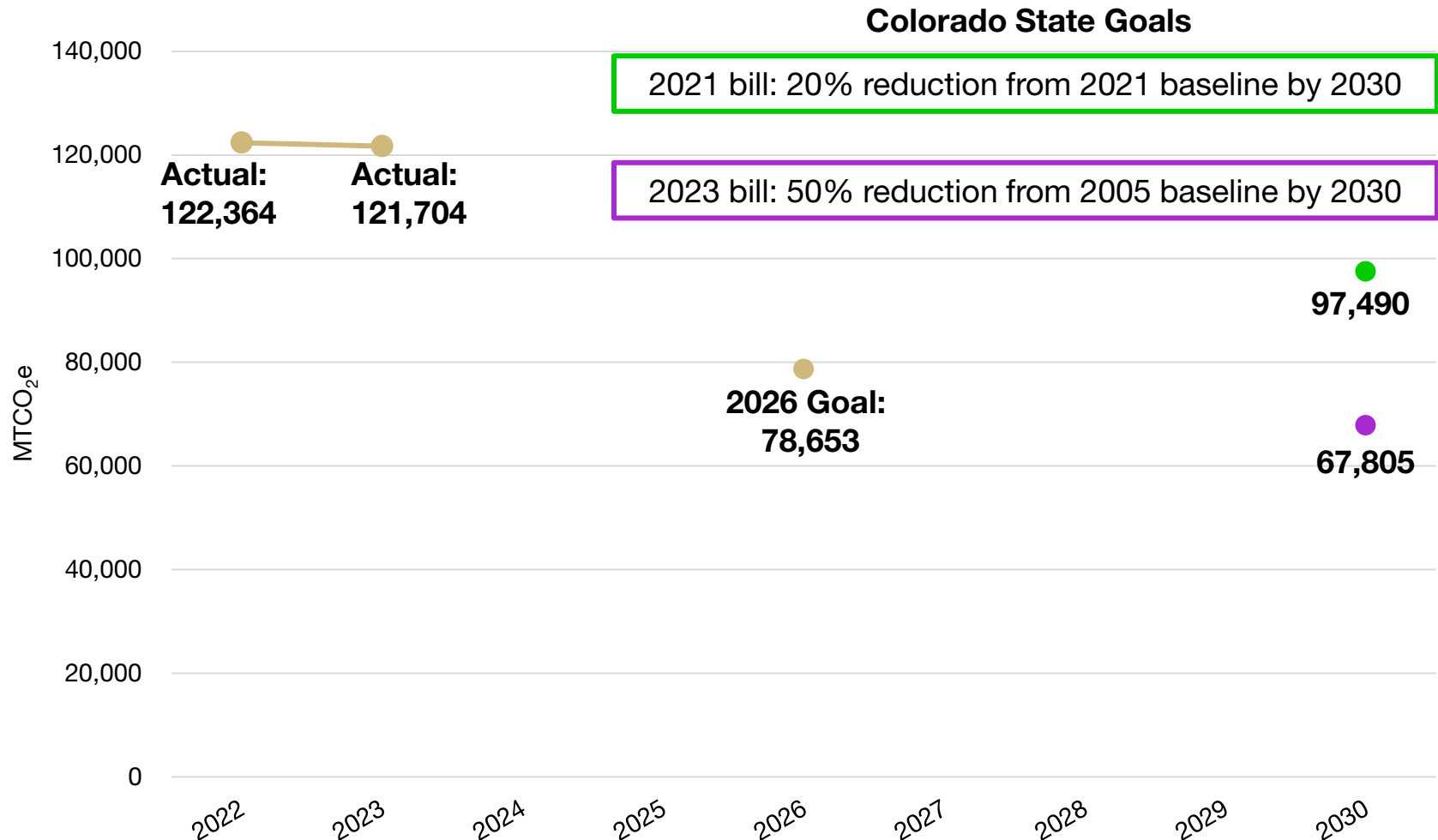


	Actuals (MTCO ₂ e/GSF)	2026 Goals (MTCO ₂ e/GSF)	
CU Boulder	0.009*	0.008	42% Reduction from 2005
UCCS	0.005**	0.007	49% Reduction from 2006
CU Denver	0.006	0.004	71% Reduction from 2006
CU Anschutz	0.015	0.007	40% Reduction from 2005

Notes: UCCS, CU Denver, and CU Anschutz data through 2024. CU Boulder data through 2023.
 Data reflects Scope 1 and 2 emissions; does not include Scope 3.
 By this metric, UCCS achieved 2026 goal in 2023.

State Legislation Sets Statewide GHG Emissions Goals

CU Boulder



Note: CU Boulder's 2026 goal exceeds the 2021 legislative goal.

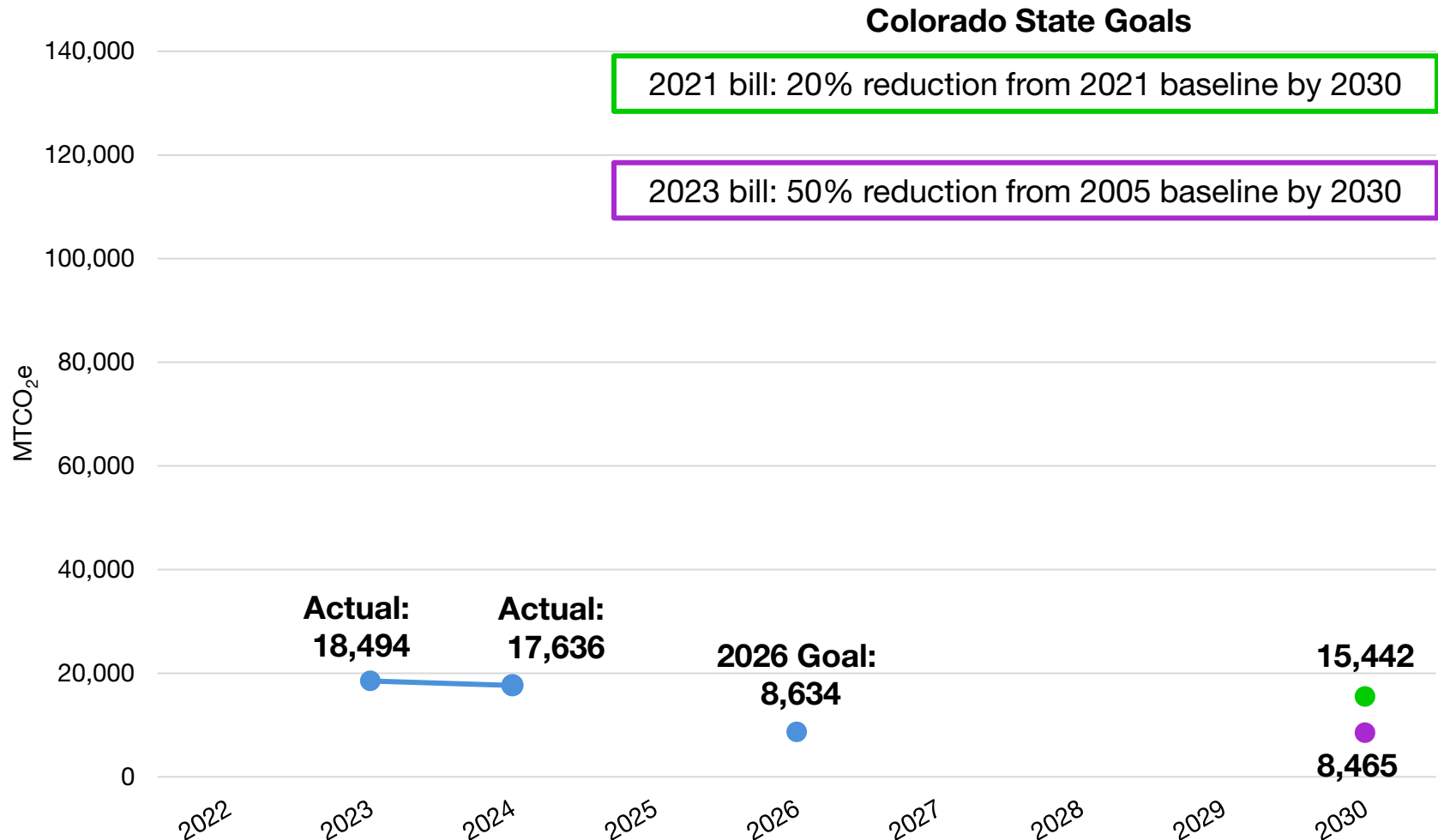


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State Legislation Sets Statewide GHG Emissions Goals

UCCS



Note: UCCS's 2026 goal exceeds the 2021 and 2023 legislative goals.

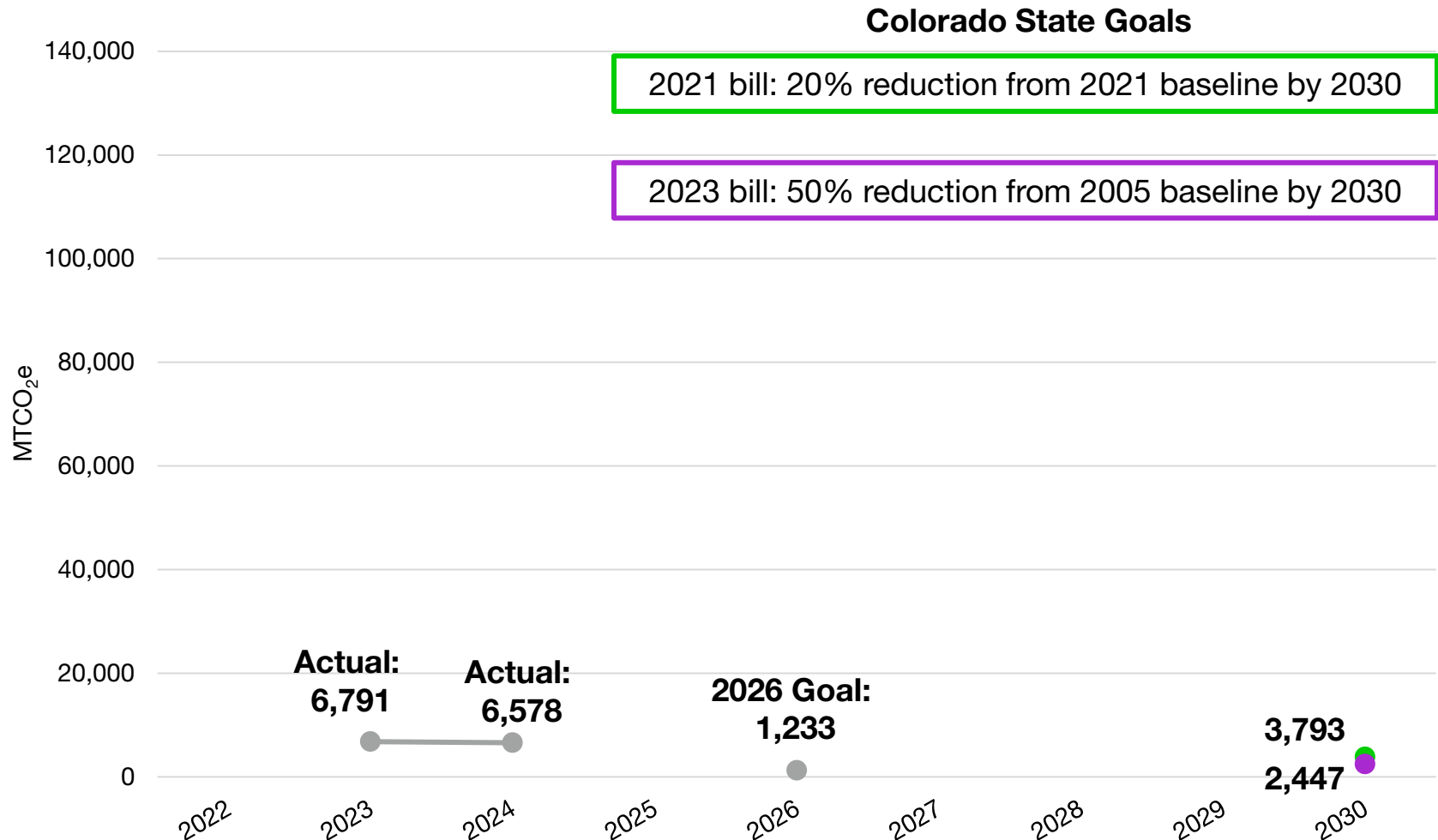


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State Legislation Sets Statewide GHG Emissions Goals

CU Denver



Note: CU Denver's 2026 goal exceeds the 2021 and 2023 legislative goals.

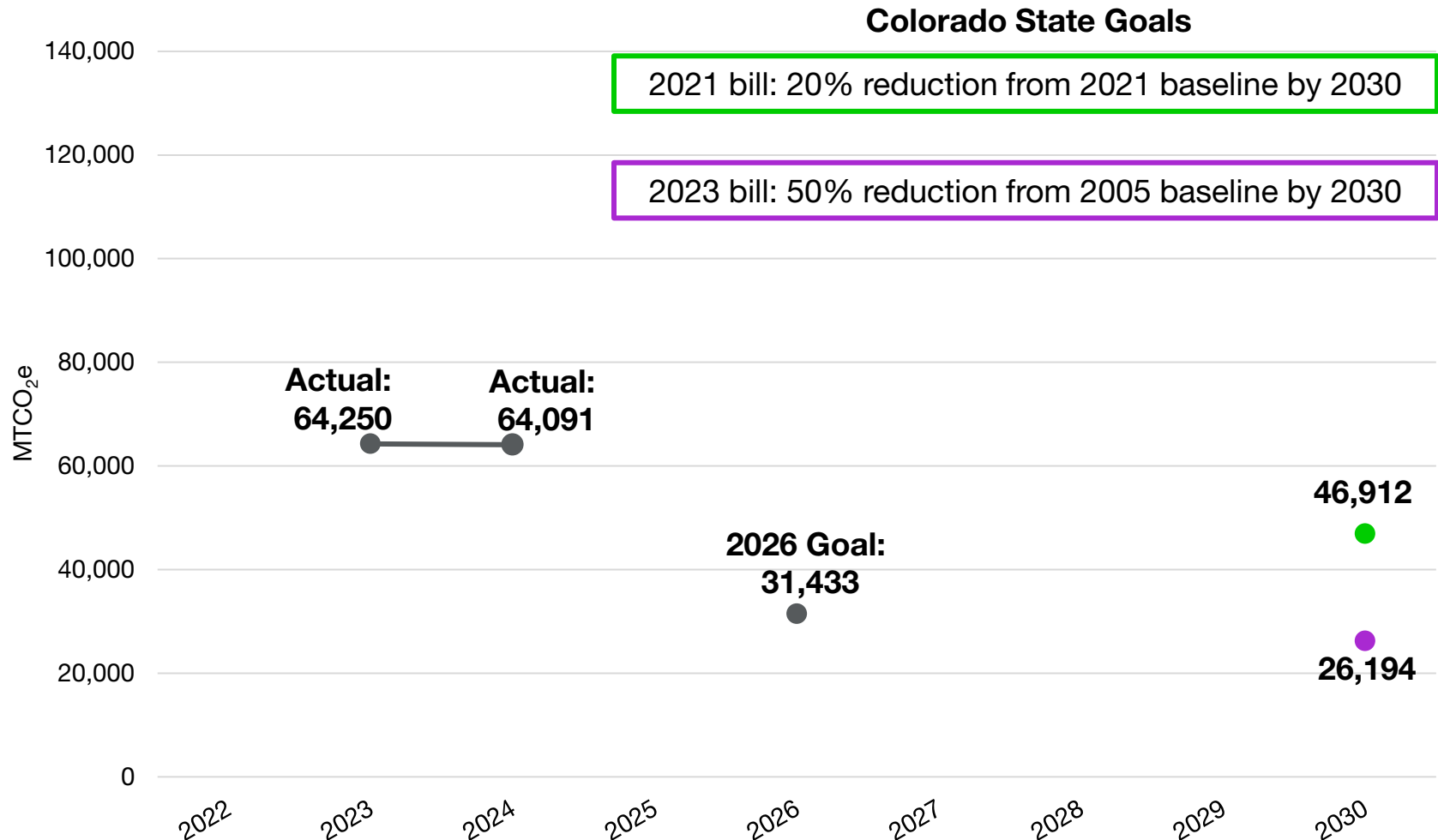


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State Legislation Sets Statewide GHG Emissions Goals

CU Anschutz



Note: CU Anschutz's 2026 goal exceeds the 2021 legislative goal.



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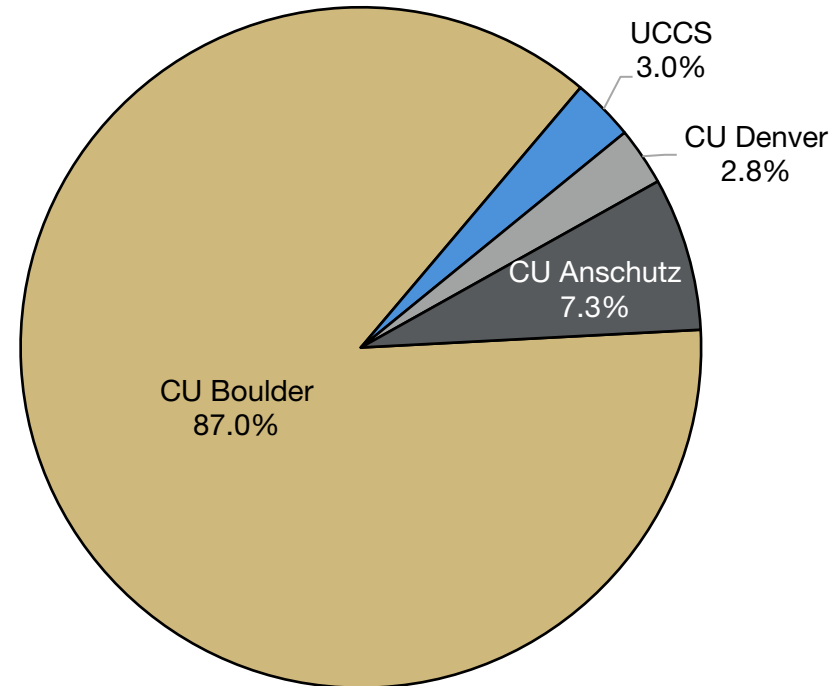
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Deferred Maintenance

Total Deferred Maintenance Backlog

Campus	2022	2023	2024
Boulder	\$1.25 billion	\$1.30 billion	\$1.36 billion
General Fund	\$752.6 million	\$780.5 million	\$815.5 million
Non-General Fund	\$497.6 million	\$517.3 million	\$540.5 million
UCCS	\$41.4 million	\$52.2 million	\$46.0 million
General Fund	\$34.7 million	\$40.3 million	\$36.5 million
Non-General Fund	\$6.7 million	\$11.9 million	\$9.5 million
Denver	\$18.5 million	\$42.8 million	\$43.1 million
General Fund	\$17.8 million	\$39.9 million	\$40.2 million
Non-General Fund	\$638,550	\$2.9 million	\$2.9 million
Anschutz	\$60.9 million	\$107.5 million	\$113.6 million
General Fund	\$44.3 million	\$75.1 million	\$95.4 million
Non-General Fund	\$16.6 million	\$32.4 million	\$18.1 million
Total	\$1.39 billion	\$1.50 billion	\$1.56 billion
General Fund	\$864.3 million	\$935.9 million	\$987.6 million
Non-General Fund	\$523.4 million	\$564.5 million	\$571.0 million



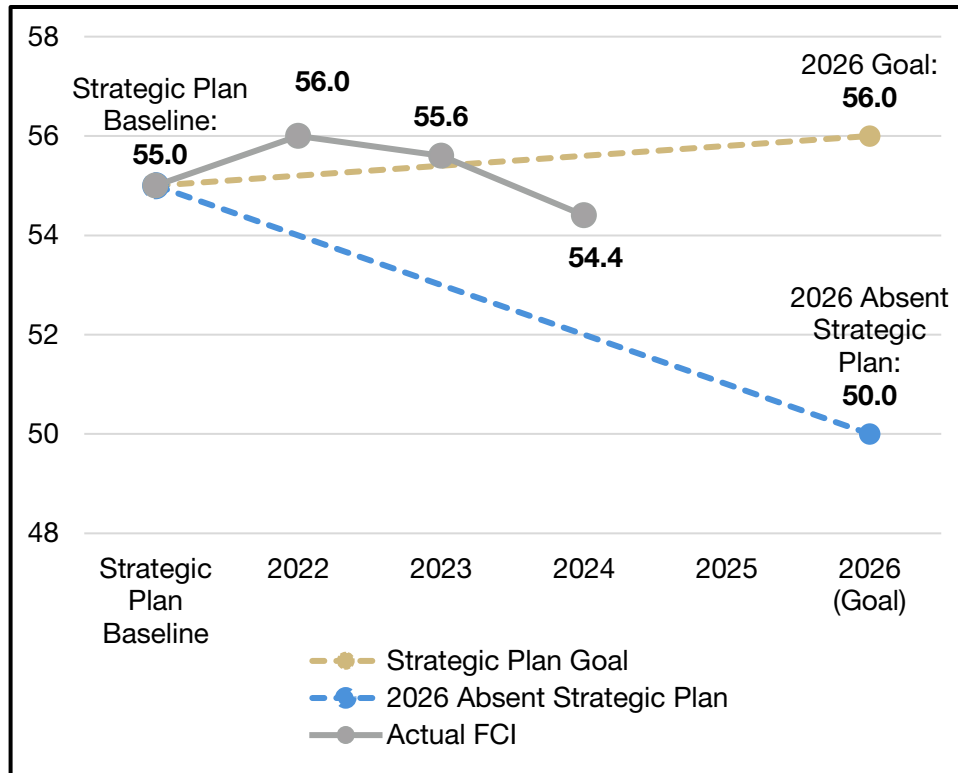
Note: Campus deferred maintenance backlog numbers reflect the cost to achieve a campus average Facility Condition Index (FCI) score of 85%.



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FCI: CU Boulder



Current FCI for all reported campus buildings = 54.4%

- 97 buildings below 85% FCI (+2 from 2024)
- 13 buildings above 85% FCI (-2 from 2024)

Notes: Campus FCI data does not reflect projects recently completed or in construction. Building condition re-assessments lag project completion by a year.

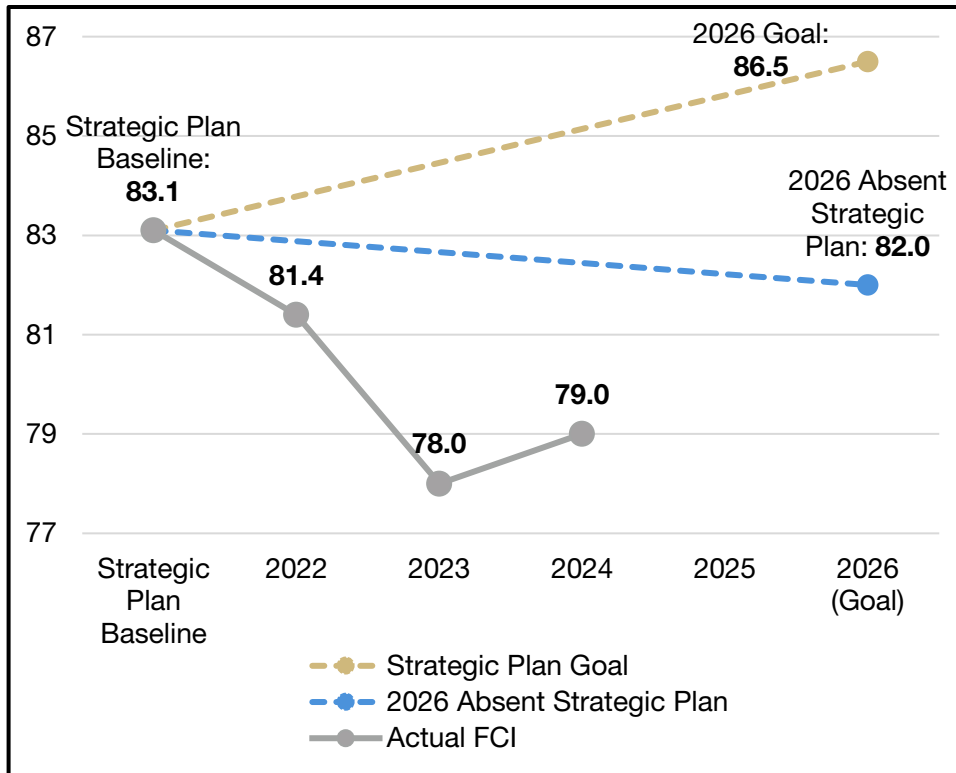
Inflation has increased cost of deferred maintenance backlog.



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FCI: UCCS



Current FCI reported for all campus buildings = 79.0%

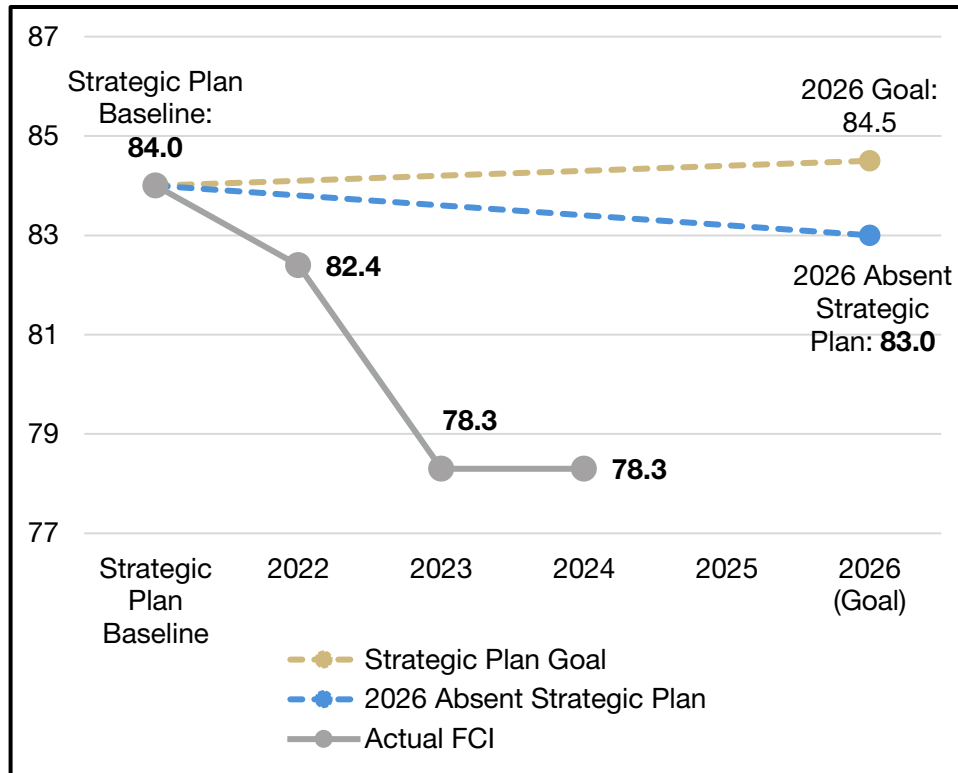
- 46 buildings below 85% FCI (+6 from 2024)
- 27 buildings above 85% FCI (-7 from 2024)



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FCI: CU Denver



Current FCI reported for all campus buildings = 78.3%

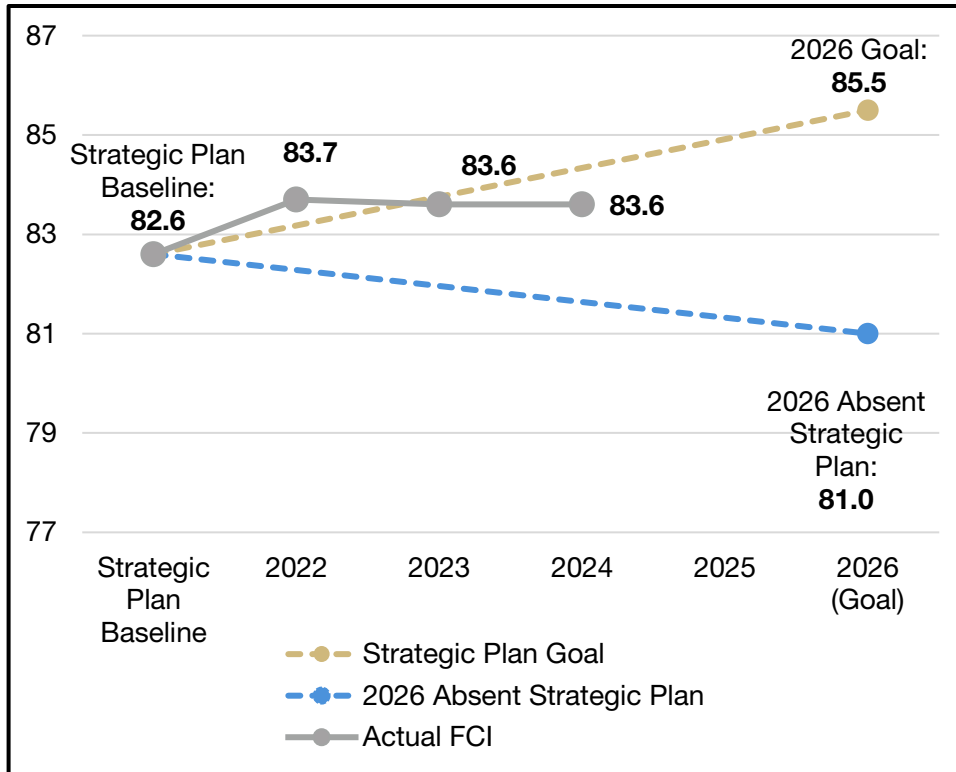
- 2 buildings below 85% FCI
(no change from 2024)
- 2 buildings above 85% FCI
(no change from 2024)



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FCI: CU Anschutz



Current FCI reported for all campus buildings = 83.6%

- 17 buildings below 85% FCI (+7 from 2024)
- 8 buildings above 85% FCI (-7 from 2024)

