Fiscal Strength: Progress to 2026 Goal (Final – Presented June 2022)

Greenhouse Gas Emissions
Definition and Action Steps

A greenhouse gas is any gaseous compound in the atmosphere that is capable of absorbing infrared radiation. The unit of measurement is 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.

In the Strategic Plan, campuses committed to five action steps:

1. Update Campus Climate Action Plans with focus on reducing greenhouse gas emissions
2. Look for opportunities to transition to green vehicle fleet
3. Increase the renewable energy mix within campus energy portfolio
4. Replace legacy equipment with more energy efficient equipment in all spaces including labs, residence halls and offices
5. Identify energy-savings opportunities in capital improvement projects, including deferred maintenance projects
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Greenhouse Gas Emissions – Progress Toward Goal

- 2% reduction from baseline year; 40% reduction from 2012
- 42% reduction
- 49% reduction
- 71% reduction
Greenhouse Gas Emissions – Progress Toward Goal

2006 actual: 218,066 MTCO2e
20.5 million GSF

2020 actual: 196,575 MTCO2e
21.5 million GSF

2026 goal: 185,854 MTCO2e
Approximately 22.0 million GSF