

ISSUE SPOTLIGHT:

ENVIRONMENT AND CLIMATE RESILIENCE

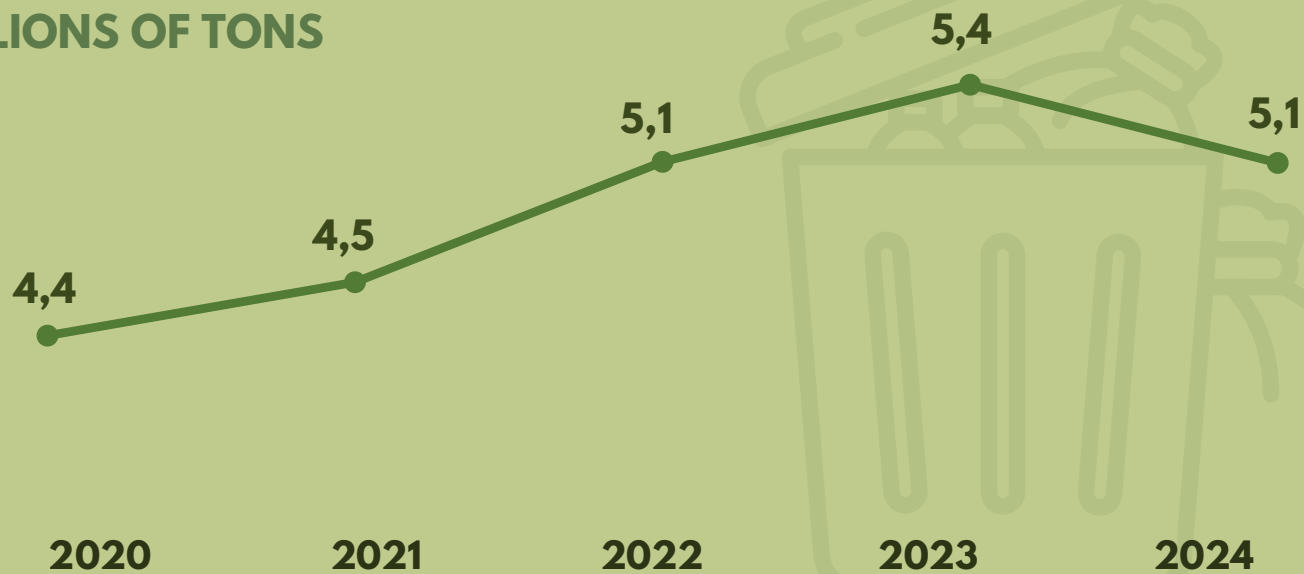
This infographic provides an overview of Miami-Dade County's environmental and climate resilience efforts, highlighting key challenges, ongoing initiatives, and opportunities for community action to build a more sustainable future.



WASTE PRODUCTION

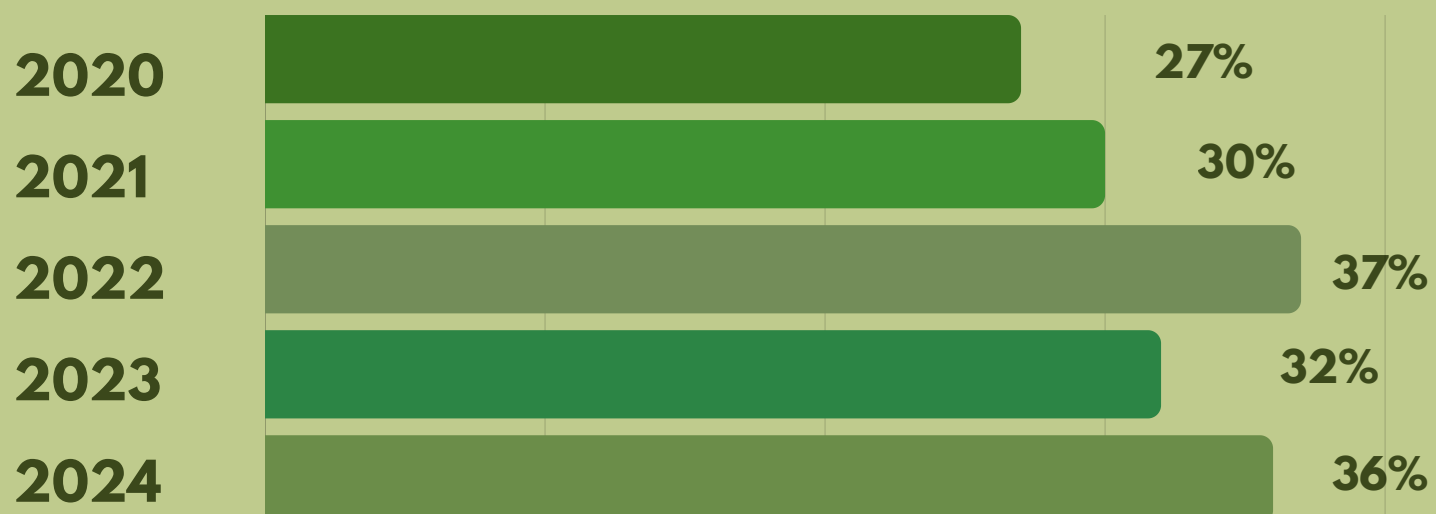
SOLID WASTE COLLECTION

MILLIONS OF TONS



RECYCLING CREDITS* COMPARISON IN MIAMI DADE COUNTY

% OF RECYCLING CREDITS



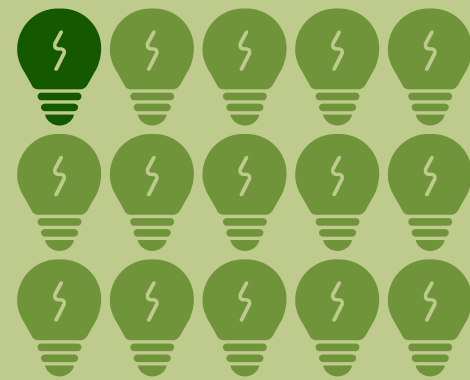
*Recycling credits are tradable incentives that reward or verify the recycling of materials to encourage waste reduction and improve recycling rates.

MIAMI-DADE COUNTY'S RECYCLING RATE INCREASED FROM 32% IN 2023 TO 36% IN 2024.



RENEWABLE ENERGY

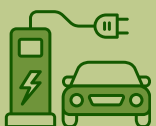
Renewable energy is a challenge in Miami-Dade County because the region relies heavily on fossil fuels for electricity, has limited local renewable energy production, and faces structural and policy barriers to expanding clean energy infrastructure.



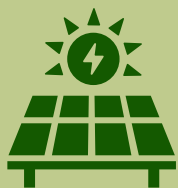
IN 2024, MIAMI-DADE COUNTY GENERATED 0.05 MEGAWATT HOURS PER CAPITA PER YEAR FROM SOLAR ENERGY SOURCES, GIVING THE COUNTY A RANK OF 449TH IN THE US OUT OF 3221 COUNTIES FOR THIS CATEGORY



CLIMATE ACTIONS STRATEGY



Reduce Related to Fuel Consumption in 30%



Expand renewable energy, installing 794,000 KW of solar energy equivalent to powering 104,014 homes per year



Convert 50% of non-recycled garbage into energy

BY 2030 FROM THE 2019 BASELINE, MIAMI- DADE COUNTY HAS SET THE GOAL FOR WASTE MANAGEMENT AND ELECTRICITY CONSUMPTION.