



# Data Collection of Florida's Waste Programs



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## Introduction

- This project aims to address sustainability on an individual level through the collection of data on sustainable waste collection programs across the state of Florida.
- The types of waste in particular that this project focuses on include recyclable materials, hazardous household waste, and electronic waste (also known as e-waste).
- Once this data is collected for each municipality across all 67 counties in the state of Florida, it will be uploaded to the Florida Department of Environmental Protection website as a resource for Florida residents who are looking for information regarding sustainable waste collection programs local to them.
- In addition, this project also aims to collect materials and information regarding sustainable practices that have previously been distributed by individual municipalities or counties in order to make this information easily accessible to all Florida residents.
- By making this information more accessible to Florida residents, this project hopes to increase public participation in sustainable waste collection programs and sustainable practices in general.

## Methods

- For this project, I utilized the program Excel to organize the data collected into spreadsheets, one for each county in the state of Florida.
- The data collection process would begin with first determining what resources are provided by the county government prior to researching each individual municipality within each county to determine what resources are provided at the local level.
- For each municipality, I would first identify whether or not they host their own recycling program, as well as the collection process (whether the recyclables are collected through curbside pick-up or drop-off locations). I would also supply a link to what materials are accepted through the recycling program for each municipality. I would then research hazardous household waste collection programs and electronic waste collection programs provided by each individual municipality and provide a link to information regarding these programs, including acceptable materials as well as collection days, times, and locations. In addition to collecting this information on these sustainable waste collection programs, I would also gather contact information so, once these spreadsheets are uploaded to the Florida Department of Environmental Protection website, residents will have a local point of contact to direct their questions to regarding recyclable materials and hazardous waste collection.
- In addition to the construction of these spreadsheets, I have also collected information, websites, resources, pamphlets, posters, infographics, and other relevant media regarding green initiatives, waste reduction, recycling tips and education, and sustainability as a whole for each county within the state of Florida. To do this, I extensively researched these topics and consolidated the information within a document organized by county.

## Conclusions

- Because this project requires extensive research of over four hundred municipalities across the state of Florida, it is still currently in the process of being completed.
- So far, data has been collected for the top ten counties in the state of Florida (according to population size). These counties have been prioritized due to their comparative contributions to the gross waste collected in the state of Florida.
- In the future, the project will continue with the data collection process until data is collected for each county within the state of Florida. The organized and collected information will then be put on the Florida Department of Environmental Protection website to be utilized as a resource by Florida residents in order to encourage public participation in these sustainable waste collection programs. This will allow Florida residents to easily learn about the waste collection programs available to them locally and gain information on how to be more sustainable as an individual.

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Example of Infographic on Recycling Education from Miami-Dade County

Municipality	Recycling Program	Link to Materials Accepted	Curbside Pick-up/Drop-off	HHW Collection Link	Electronics Collection Link	Recycling Contact	HHW Contact
Miami-Dade County Resources	Yes	<a href="https://www8.miamidade.gov/global/news-item.page?Mduid_news=news156079725604388">https://www8.miamidade.gov/global/news-item.page?Mduid_news=news156079725604388</a>	Curbside	<a href="https://www.miamidade.gov/global/service.pageMduid_service=ser1464798615648535">https://www.miamidade.gov/global/service.pageMduid_service=ser1464798615648535</a>	<a href="https://www.miamidade.gov/global/service.pageMduid_service=ser1464798615648535">https://www.miamidade.gov/global/service.pageMduid_service=ser1464798615648535</a>	Jeane-Marie Massa <a href="mailto:massaj@miamidade.gov">massaj@miamidade.gov</a>	George March <a href="mailto:george.march@miamidade.gov">george.march@miamidade.gov</a>

Example of Miami-Dade Sustainable Waste Collection Programs Spreadsheet