



# 2022 DISPOSAL & DIVERSION

~PLUS~ SNEAK PEAK OF 2023 DISPOSAL

Brenna Giannetti  
Materials Management & Compliance Assurance  
Office of Policy & Planning


# DATA INCLUDED

- **Quarterly reports from permitted facilities, supplemented by additional facilities and AMRR**
  - Participation varies from non-permitted entities
- **Residential and non-residential combined, not easily separated**
  - Rule of thumb for estimates is 60/40
- **CT origin material- where possible**
  - Origin cannot be traced for materials marketed
- **Recycling tonnage used in report is material marketed (except for organics)**

# DATA LIMITATIONS

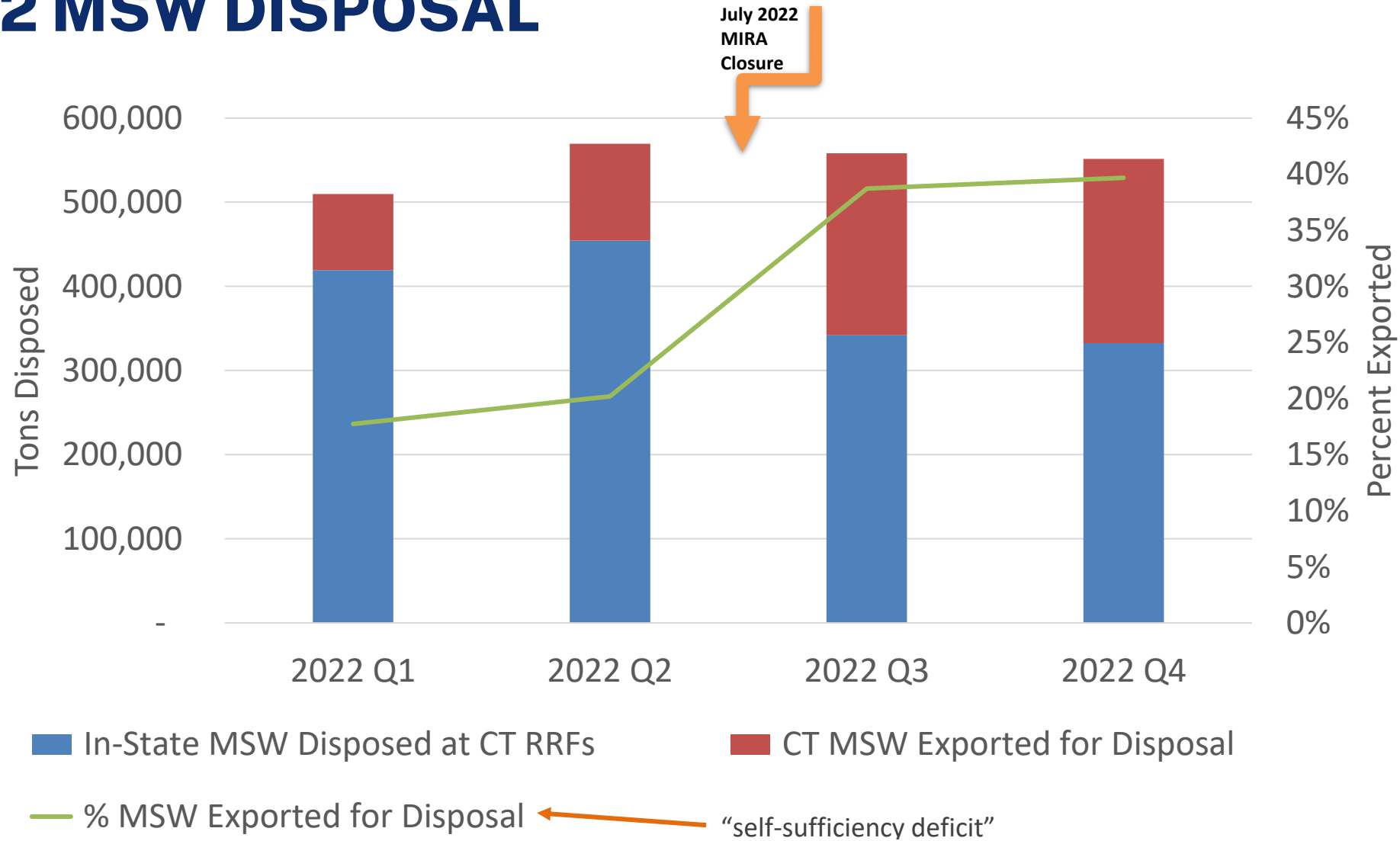
- **Data is only as good as what's reported to DEEP**
- **MIRA closure only partially reflected in 2022 data**
- **Data doesn't capture backyard composting, textile drop-off at donation centers, etc.**
- **Bottle Bill material tonnage is estimated**
- **Double-counting is minimized where possible**
- **Aggregate totals are more reliable than town-level data**
- **See report for specific methodologies and additional qualifiers**
- **2023 data is preliminary**



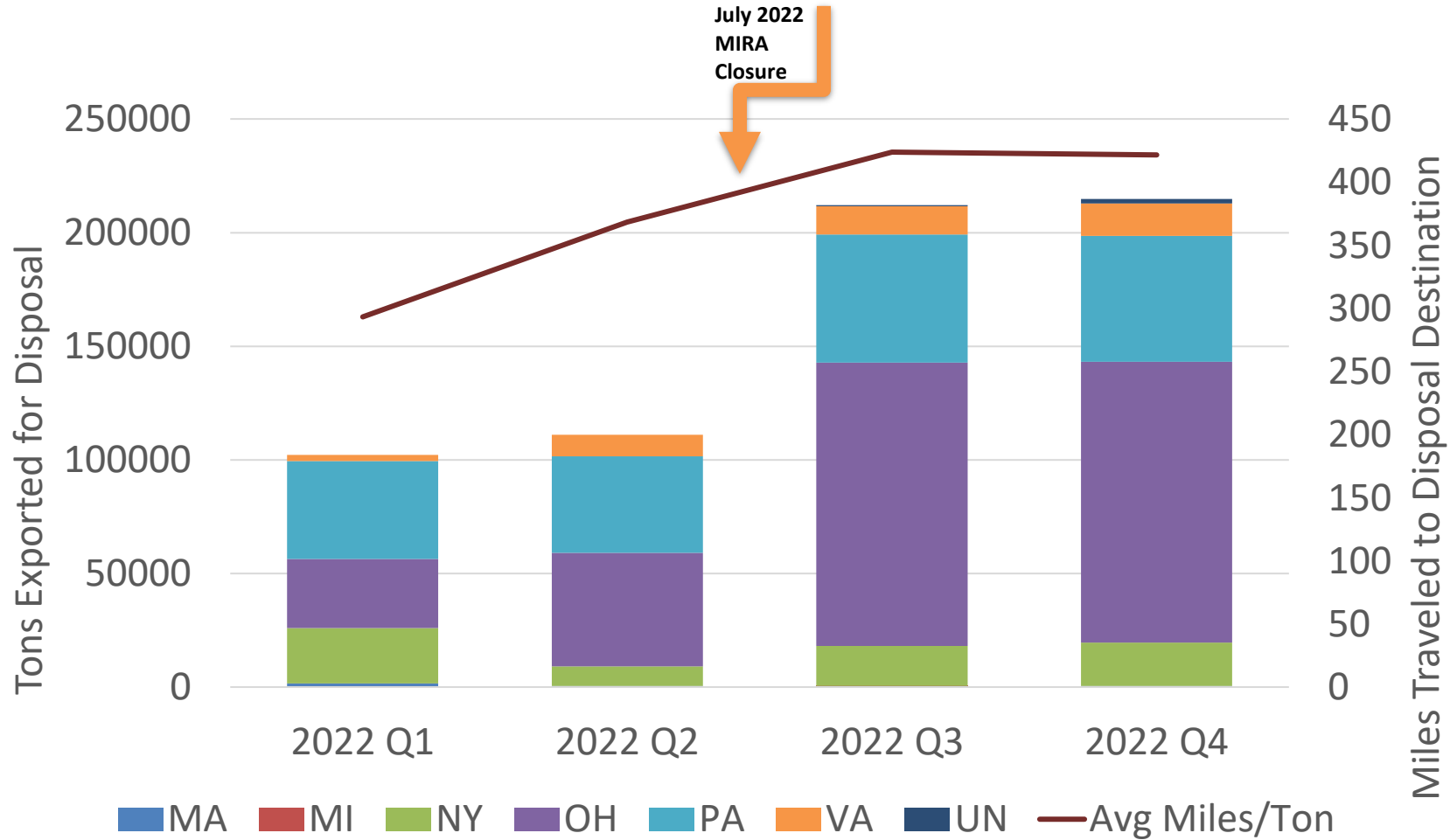


# 2022 MSW Disposal Data

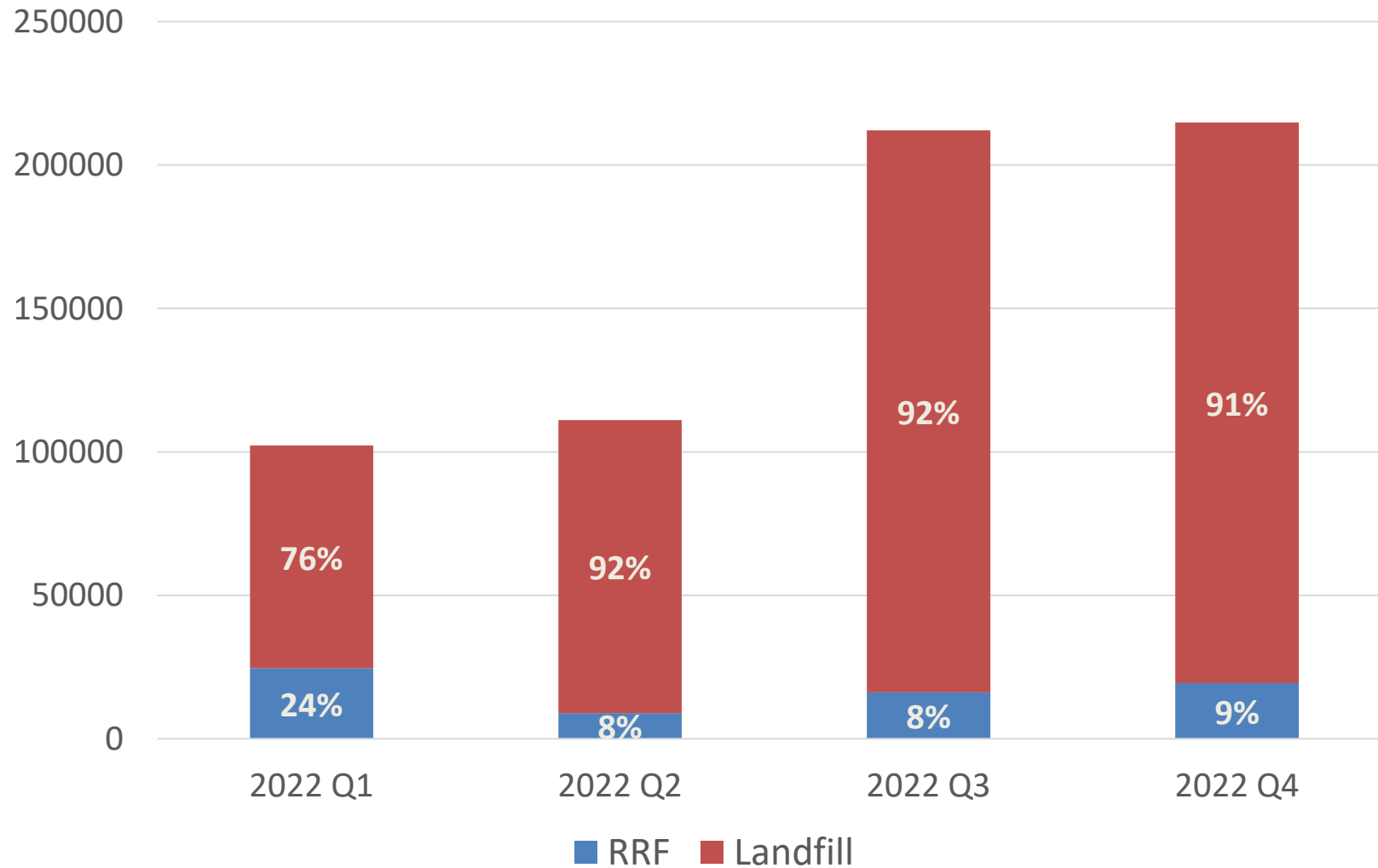
# 2022 MSW DISPOSAL



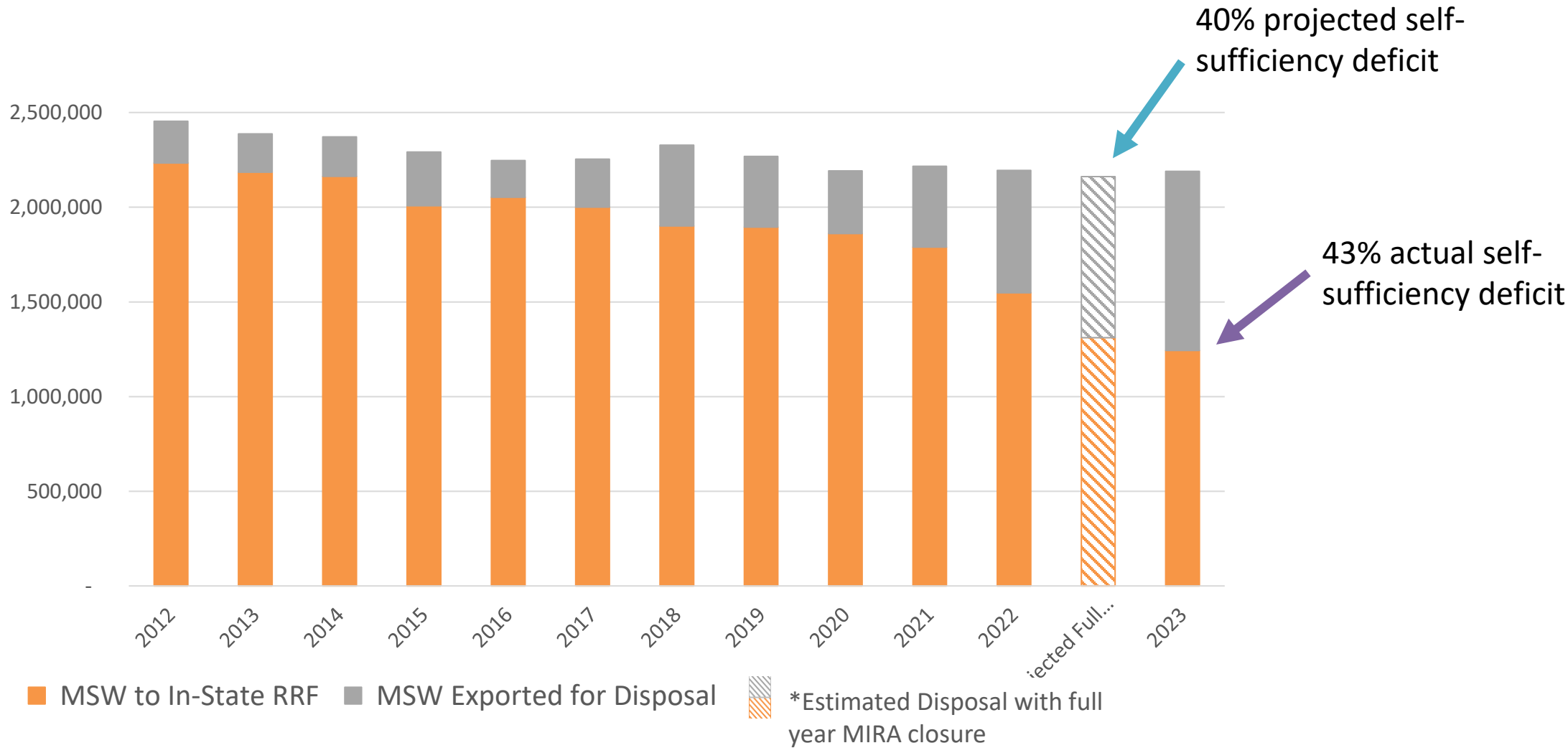
# OUT OF STATE DISPOSAL LOCATIONS



# EXPORTED MSW DISPOSAL FACILITY TYPE



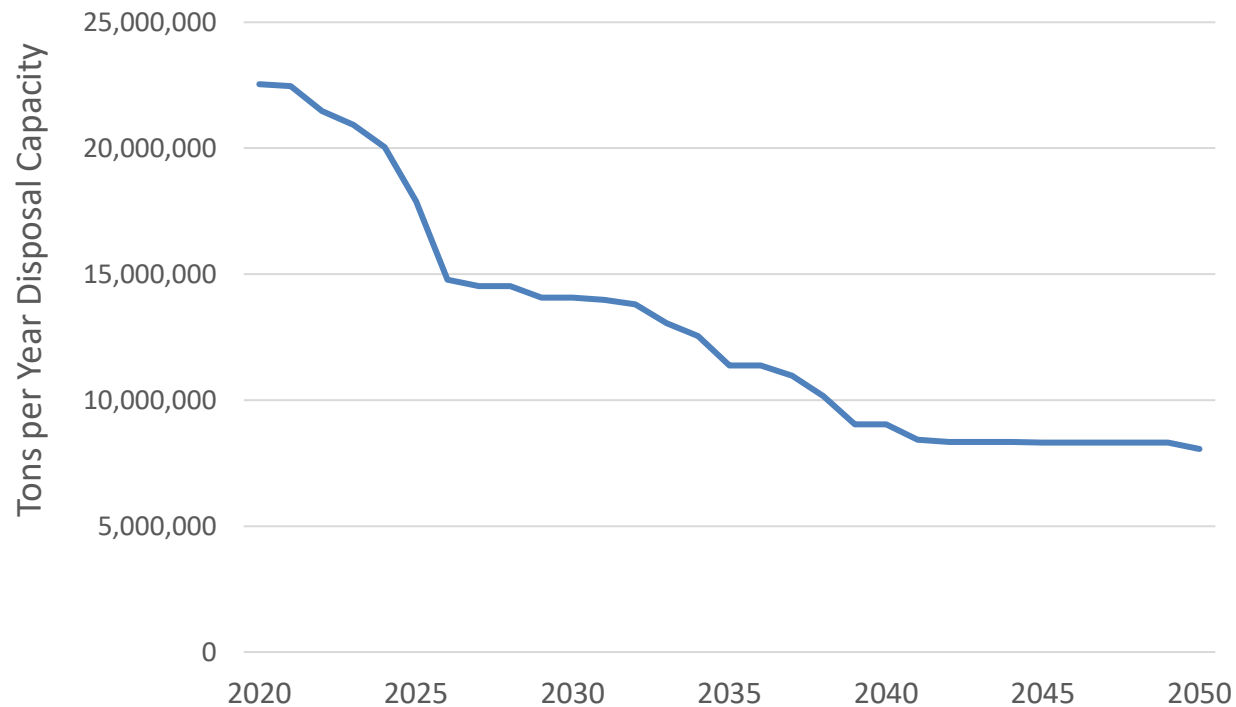
# CT-GENERATED MSW DISPOSED ANNUALLY





# WHY CARE ABOUT SELF-SUFFICIENCY?

Projected Northeast Disposal Capacity Through 2050



**Competition  
for Disposal  
Capacity**

**CT Waste  
Hierarchy**

**Rising Costs**

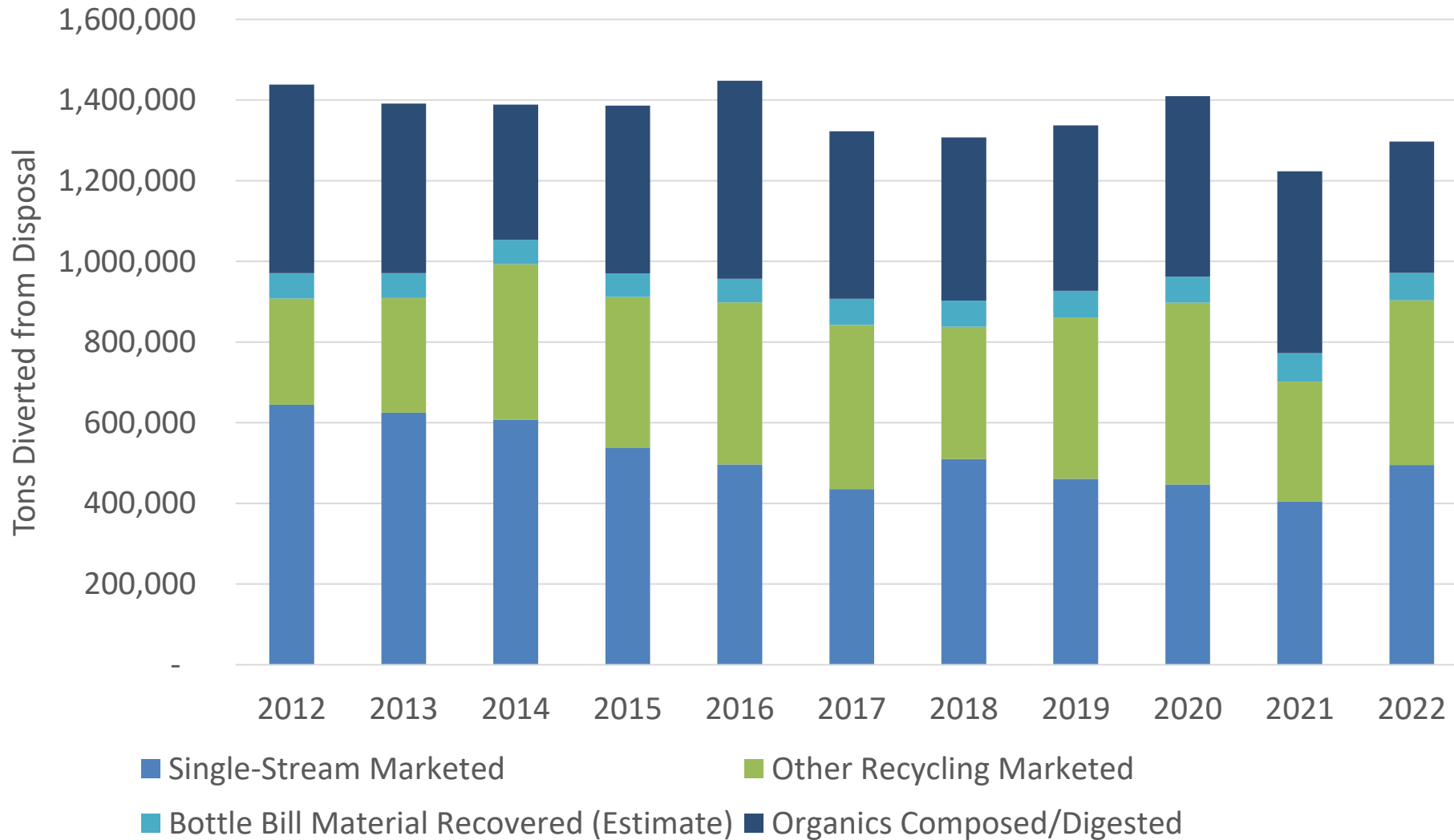
**Environmental  
Justice  
Concerns**

**GHG Emissions**

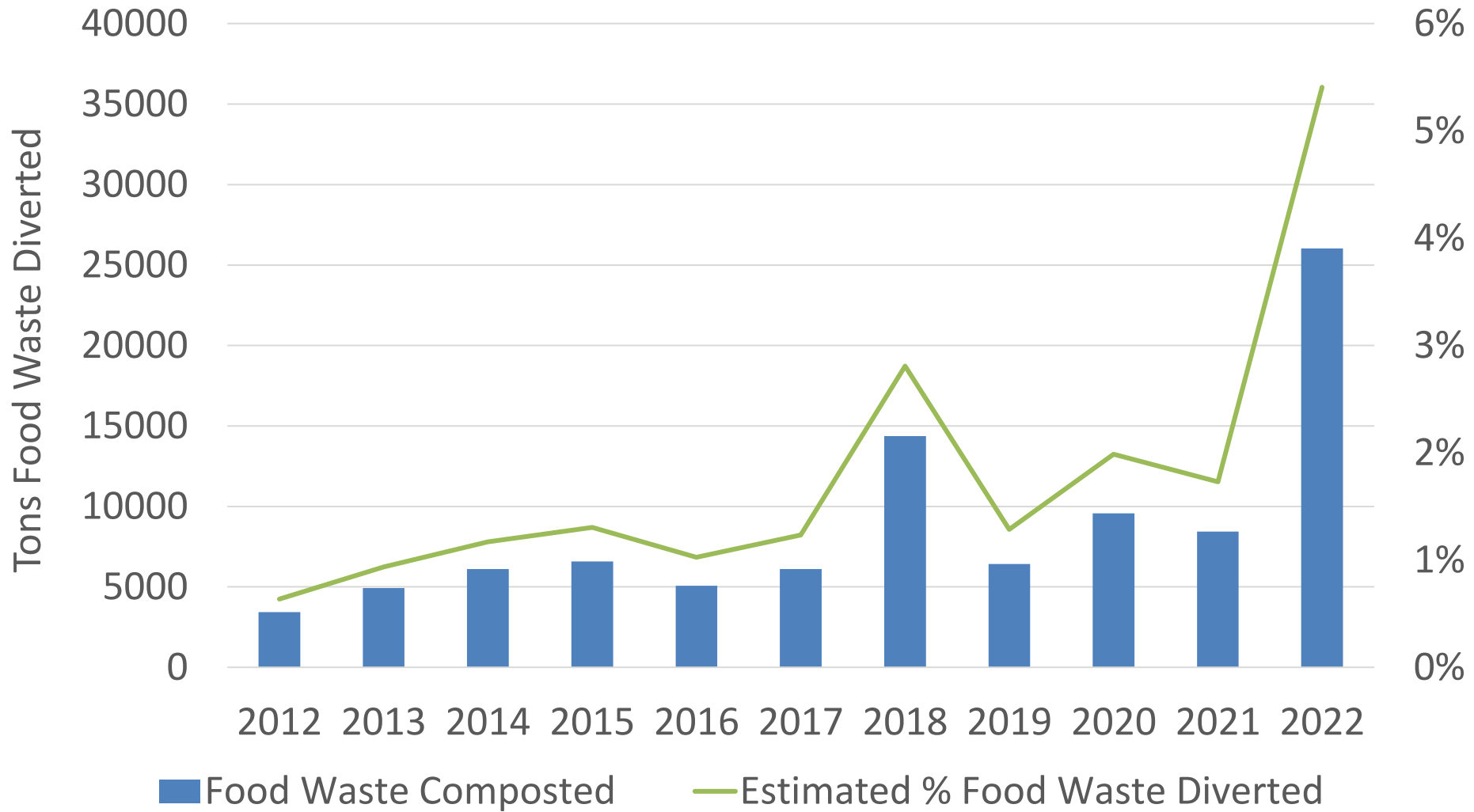


**2022 MSW  
Recycling Data**

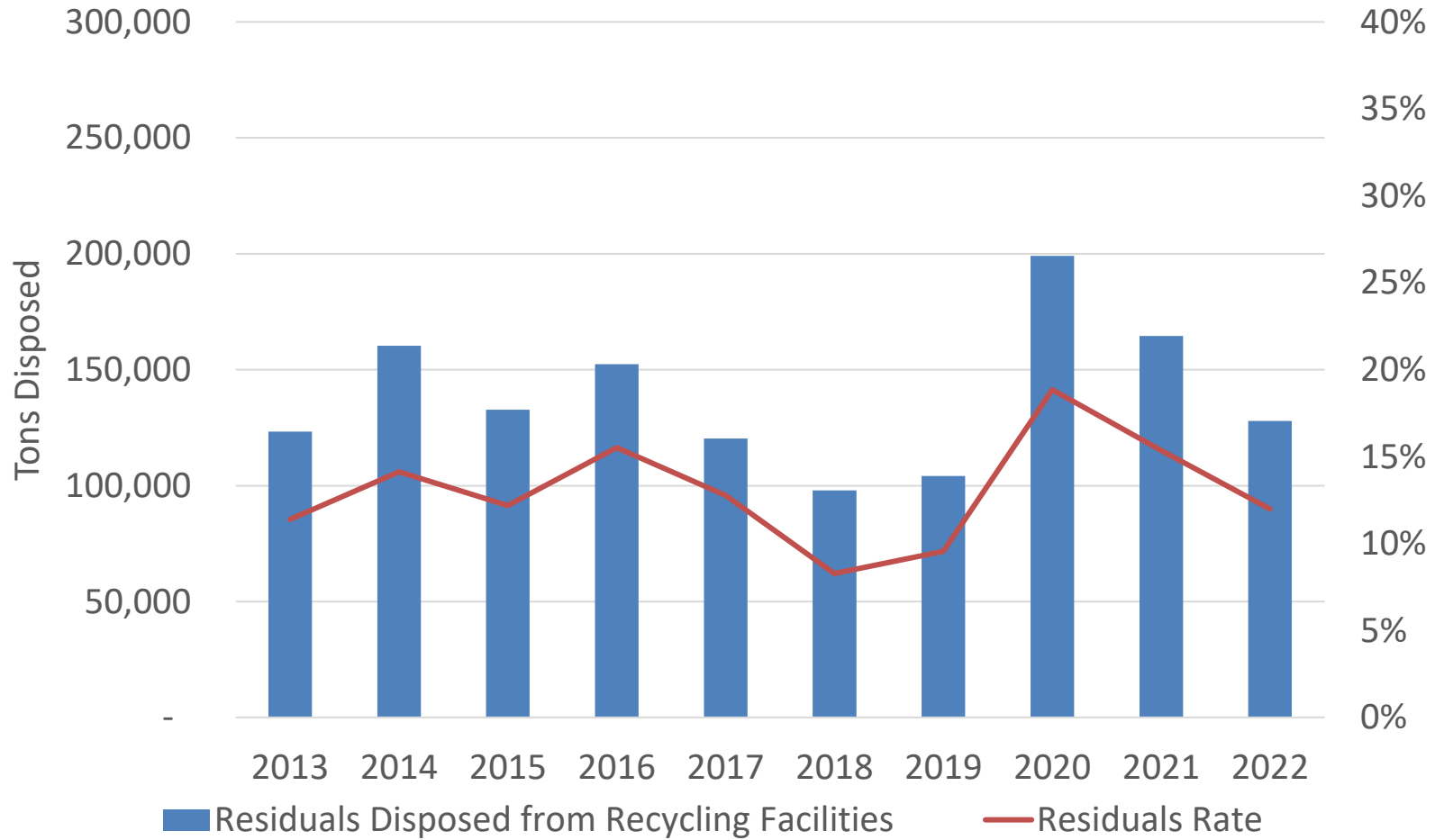
# MSW DIVERTED FROM DISPOSAL



# 2022 FOOD SCRAPS DIVERTED



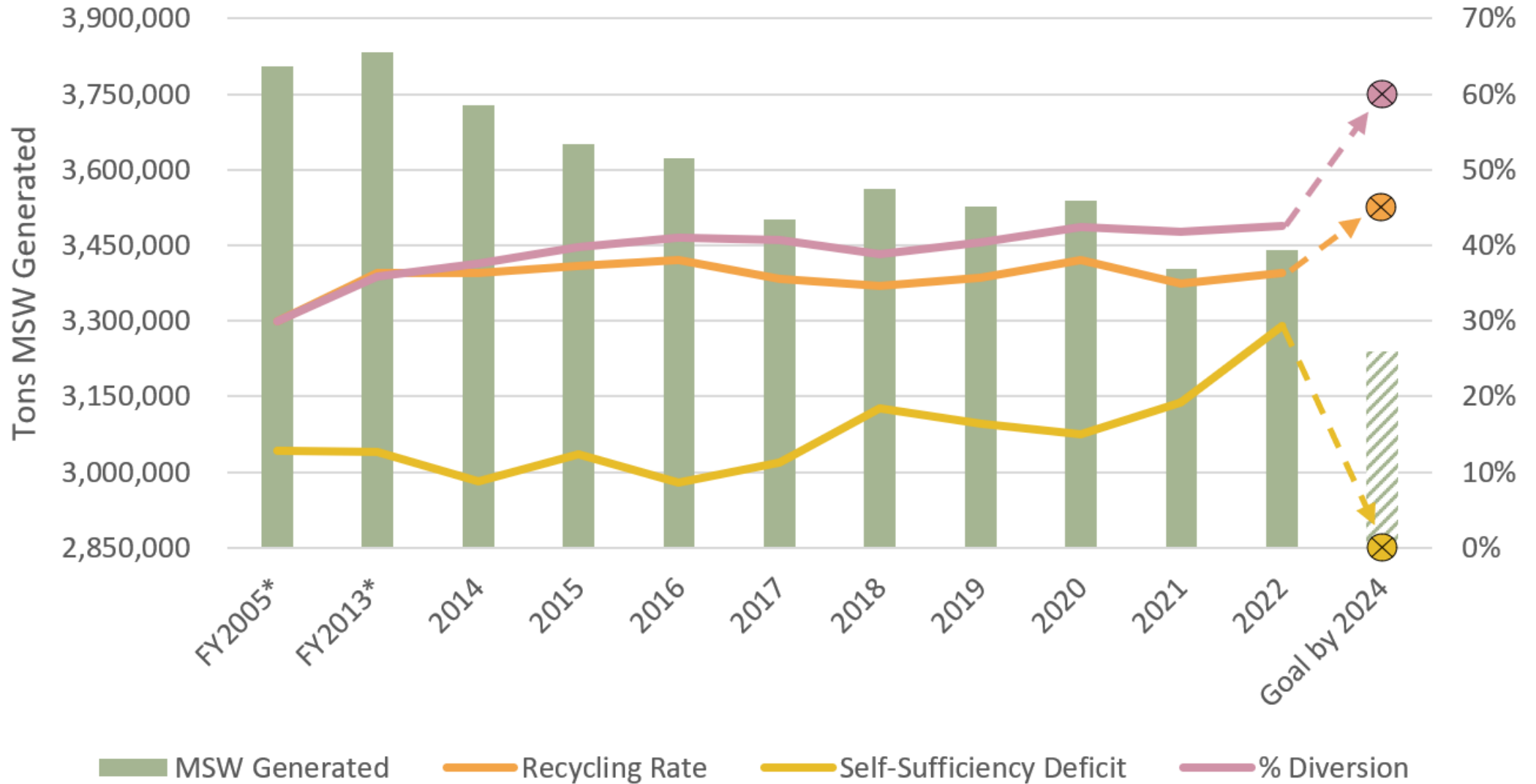
# 2022 RECYCLING RESIDUALS



The background features a stylized landscape with a yellow sun in the top right, green hills in the middle, and light blue water at the bottom. All elements are separated by thick, dark blue outlines. The text 'Overall Trends' is centered in the green hill area.

# Overall Trends

# MSW Generation and Diversion Metrics



# PROGRESS TOWARDS DIVERSION GOALS

## Statutory Goal (22a-241a)

- **60% Diversion by 1/1/2024 (from FY2005 baseline)**

## 2016 CMMS Roadmap

- **Reduce MSW generated by 10%**
- **Boost recycling rate to 45%**
- **Divert 300,000 tons to waste conversion**



# PROGRESS TOWARDS DIVERSION GOALS

## Statutory Goal (22a-241a)

- **60% Diversion by 2024**

## 2022 Progress

### 2016 CMMS Roadmap

- **Reduce MSW generated by 10%**
- **Boost recycling rate to 45%**
- **Divert 300,000 tons to waste conversion**



**3 % reduction in MSW generated from 2015;**  
**8% from 2005**

# PROGRESS TOWARDS DIVERSION GOALS

## Statutory Goal (22a-241a)

➤ **60% Diversion by 2024**

## 2022 Progress

### 2016 CMMS Roadmap

➤ **Reduce MSW generated by 10%**



**3 %** reduction in MSW generated from 2015;

**8%** from 2005

➤ **Boost recycling rate to 45%**



Recycling rate stagnated at **37%**

➤ **Divert 300,000 tons to waste conversion**

# PROGRESS TOWARDS DIVERSION GOALS

## Statutory Goal (22a-241a)

## 2022 Progress

### ➤ **60% Diversion by 2024**

### 2016 CMMS Roadmap

➤ **Reduce MSW generated by 10%**



**3 %** reduction in MSW generated from 2015;  
**8%** from 2005

➤ **Boost recycling rate to 45%**



Recycling rate stagnated at **37 %**

➤ **Divert 300,000 tons to waste conversion**



**20,999** tons diverted to anaerobic digestion

# PROGRESS TOWARDS DIVERSION GOALS

## Statutory Goal (22a-241a)

➤ **60% Diversion by 2024**

—————→ **1,611,605 tons diverted, or 42%**

## 2022 Progress

## 2016 CMMS Roadmap

➤ **Reduce MSW generated by 10%**

—————→ **8% from 2005**

**3 % reduction in MSW generated from 2015;**

➤ **Boost recycling rate to 45%**

—————→ **Recycling rate stagnated at 37 %**

➤ **Divert 300,000 tons to waste conversion**

—————→ **20,999 tons diverted to anaerobic digestion**

# PROGRESS TOWARDS DIVERSION GOALS

## Statutory Goal (22a-241a)

➤ **60% Diversion by 2024**



## 2022 Progress

**1,611,605 tons diverted, or 42%**

## 2016 CMMS Roadmap

➤ **Reduce MSW generated by 10%**



**3 % reduction in MSW generated from 2015;**

**8% from 2005**

➤ **Boost recycling rate to 45%**



**Recycling rate stagnated at 37%**

➤ **Divert 300,000 tons to waste conversion**



**20,999 tons diverted to anaerobic digestion**

**CT is not on track to meet statutory goal of 60%  
diversion by 2024**



**For source data, municipal level data, or  
additional requests, contact  
Brenna Giannetti  
[Brenna.Giannetti@ct.gov](mailto:Brenna.Giannetti@ct.gov)**