

Can  
Manufacturers  
Institute



# **CHARTING A SUSTAINABLE COURSE ON REDUCTION, REUSE, & RECYCLING**

**ECOS Fall Meeting  
September 5, 2024**

Investing in America through the Bipartisan Infrastructure Law  
Solid Waste Infrastructure for Recycling Grants  
Community Grant Fact Sheet

## Ocean County, New Jersey

### Selected Grant Recipient

**Name:** Ocean County, NJ

**Project Title:** Ocean County Materials Recovery Facility Improvements Project

### Highlights

- Installs technology to improve sorting and reduce contaminants, including plastic bags.
- Creates over 25 jobs.

### EPA Information

**Region:** EPA Region 2

### Grant Funding: \$1,867,163

Ocean County will install a state-of-the-art plastic film air conveyance system and associated baler to manage plastic bags in the recyclables mix, which continue to plague Materials Recovery Facilities. Ocean County also will install an artificial intelligence-powered optical classification system, combining cameras within the facility and cutting-edge technology to analyze the waste stream to identify potential areas of improvement. Lastly, the County will install a secondary eddy current separator which is designed to remove aluminum and aluminum foil from the single-stream mix. This project will result in a 10% improvement in capture rate of aluminum and low density polyethylene and reduction of MRF residue rate vs the previous three years.

## New Can Capture Equipment in 6 Material Recovery Facilities



Research

Testing

Grants

Leases

Annual Additional Aluminum Beverage Cans Recycled:

**115.5**  
million cans

Annual Income for U.S. Recycling System Generated:

**\$1.8**  
million

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CANSDRIVERECYCLING](http://WWW.CANCENTRAL.COM/CANSDRIVERECYCLING)



Funded by:

ArdaghMetalPackaging





## Aluminum Beverage Can Capture Equipment Lease Funded by:



“We put the robot on the ‘last chance line’ and have it focusing on aluminum beverage cans so that it’s picking ‘gold’ out of the trash.”

Corey Stone  
Plant Maintenance Manager



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# California MRF says robotics profit-sharing model shows early success

Caglia Environmental has collected more than 1,500 additional UBCs per day since it installed an AI-powered robot, a key milestone in its profit-sharing agreement with the Can Manufacturers Institute.

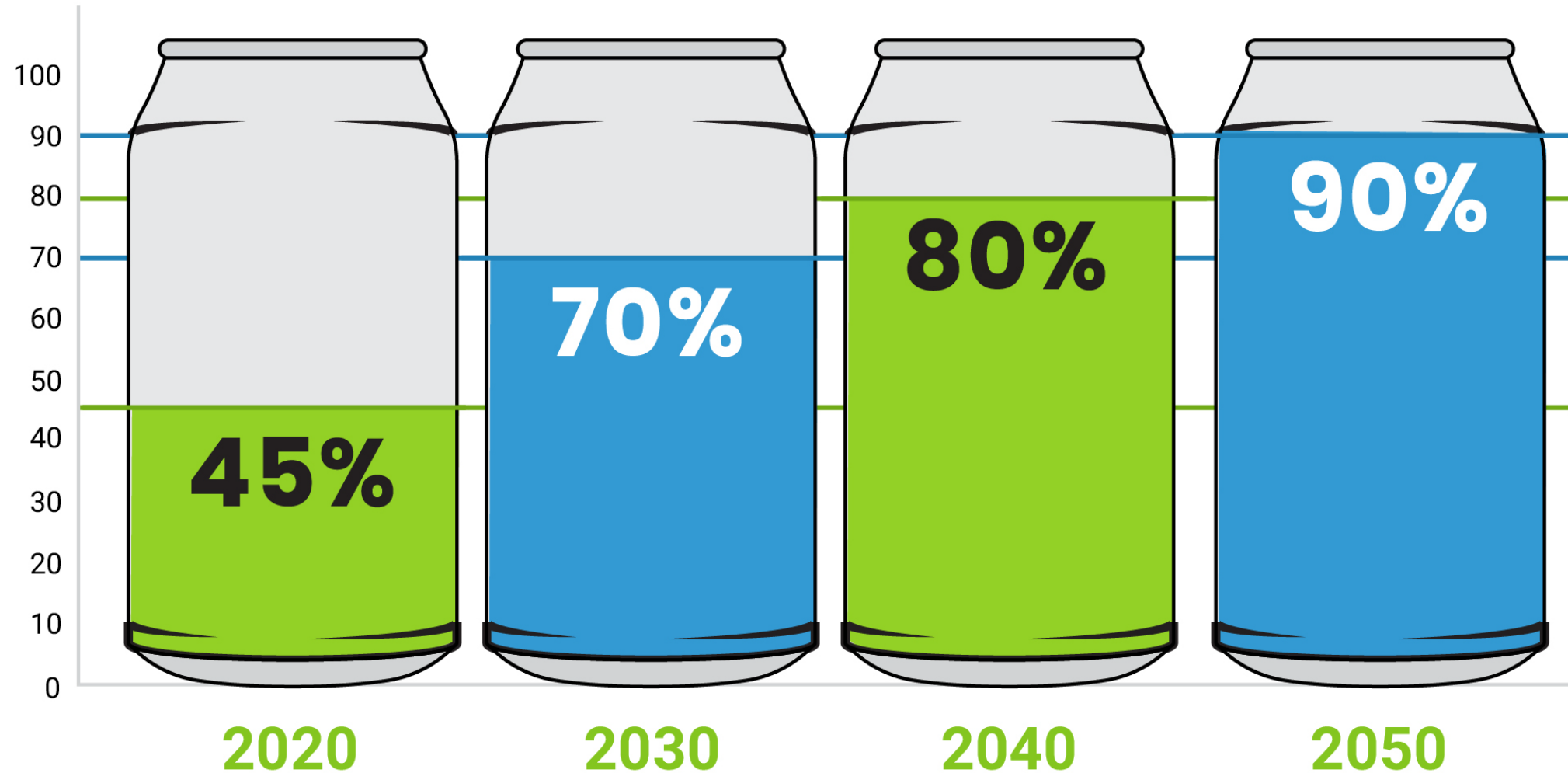
Published Dec. 13, 2023



[Megan Quinn](#)  
Senior Reporter



# U.S. ALUMINUM BEVERAGE CAN RECYCLING RATE TARGETS



# FOUR PILLARS OF ACTION TO ACHIEVE RECYCLE RATE TARGETS

1

Well-Designed  
Deposit  
Systems



CT-HI-IA-ME-MA-NY-VT 5¢  
MI-OR 10¢ CA CRV

2



Increased  
Household and  
Away-From-Home  
Recycling

3

Proper  
Sortation at  
Recycling  
Centers

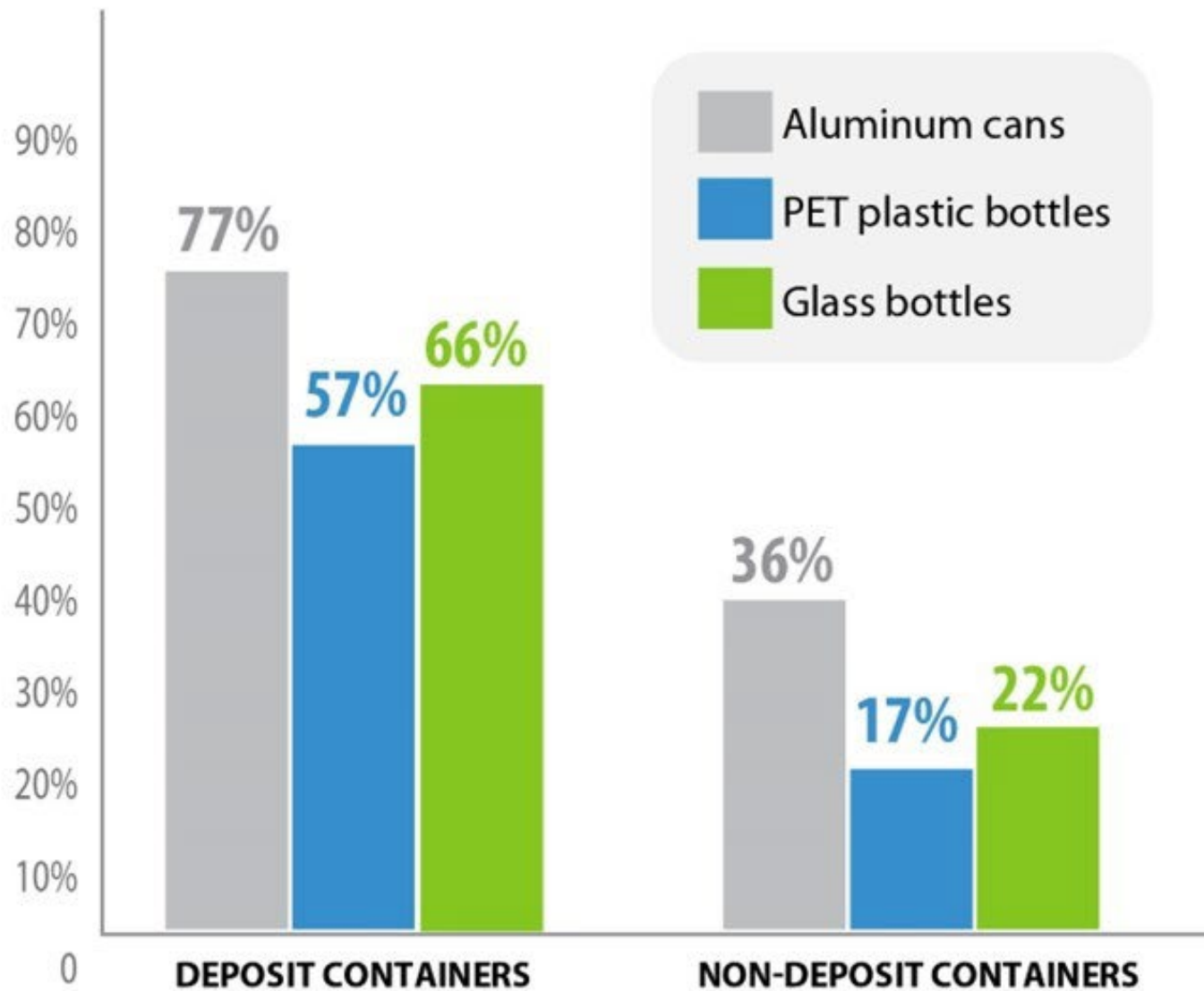


4



Increased  
Consumer  
Awareness of the  
Can's Sustainability  
Advantage

# U.S. Nominal Recycling Rates by Deposit Status, 2019



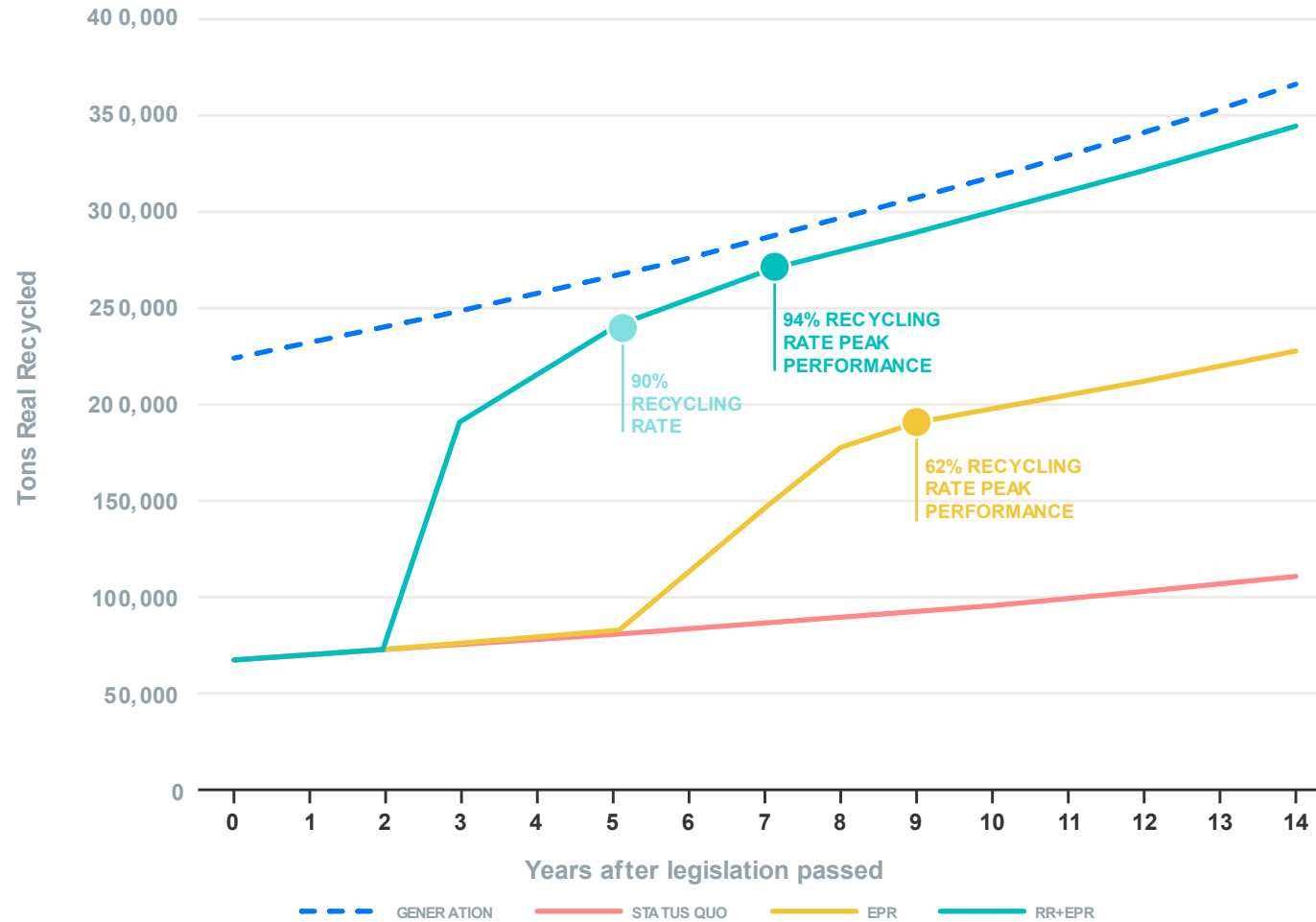
"2019 BEVERAGE MARKETING DATA ANALYSIS"

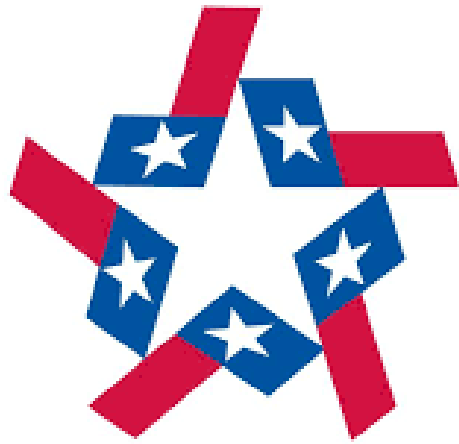
SOURCE: © CONTAINER RECYCLING INSTITUTE, 2022

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# Impact of Policy on Beverage Container Recycling in Washington





**TCCRI**

*Texas Conservative Coalition  
Research Institute*

## Putting the Can at the Core: Powering Texas Recycling with Aluminum Cans

### 3-Part Solution

1. Educate consumers to be more dedicated recyclers.
2. Develop recycling infrastructure in the state.
3. Establish a financing mechanism for Parts 1 and 2.

**Please Contact Me**



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