



Department of
Environmental
Conservation

NYS Electronic Equipment Recycling & Reuse Act Update

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Agenda

- Overview of the NYS Electronic Equipment Recycling & Reuse Act
- Program performance update
- Successes achieved since program's inception
- Challenges and potential solutions
- What lies ahead?

Program Overview

- 2010 NYS Electronic Equipment Recycling & Reuse Act
- 23rd extended producer responsibility (EPR) e-waste law in the nation
- Manufacturers provide free and convenient recycling/reuse
- Act established convenience, performance and environmental standards
- Goals of waste diversion, natural resource preservation and financial responsibility shift from municipalities and taxpayers to producers



Program Overview (continued)

- Covered electronic equipment:
 - Computers (e.g. desktops, laptops, tablets, etc.)
 - Computer peripherals (e.g. mice, monitors, etc.)
 - CRT's
 - Televisions
 - Small electronic equipment (e.g. DVD players, digital music players, video game consoles, etc.)
 - Small scale servers
 - Full list: <https://www.dec.ny.gov/chemical/115365.html>
- Disposal ban for all – **January 1st, 2015**



Program Overview (continued)

- Manufacturers provide either individual electronic waste acceptance programs or join collective organizations
- Acceptance programs paid for through cost internalization
- Convenience standard:
 - One method in each county
 - One method in each municipality w/ 10,000+ population
 - Acceptable methods include mailback programs, collection events and permanent collection locations

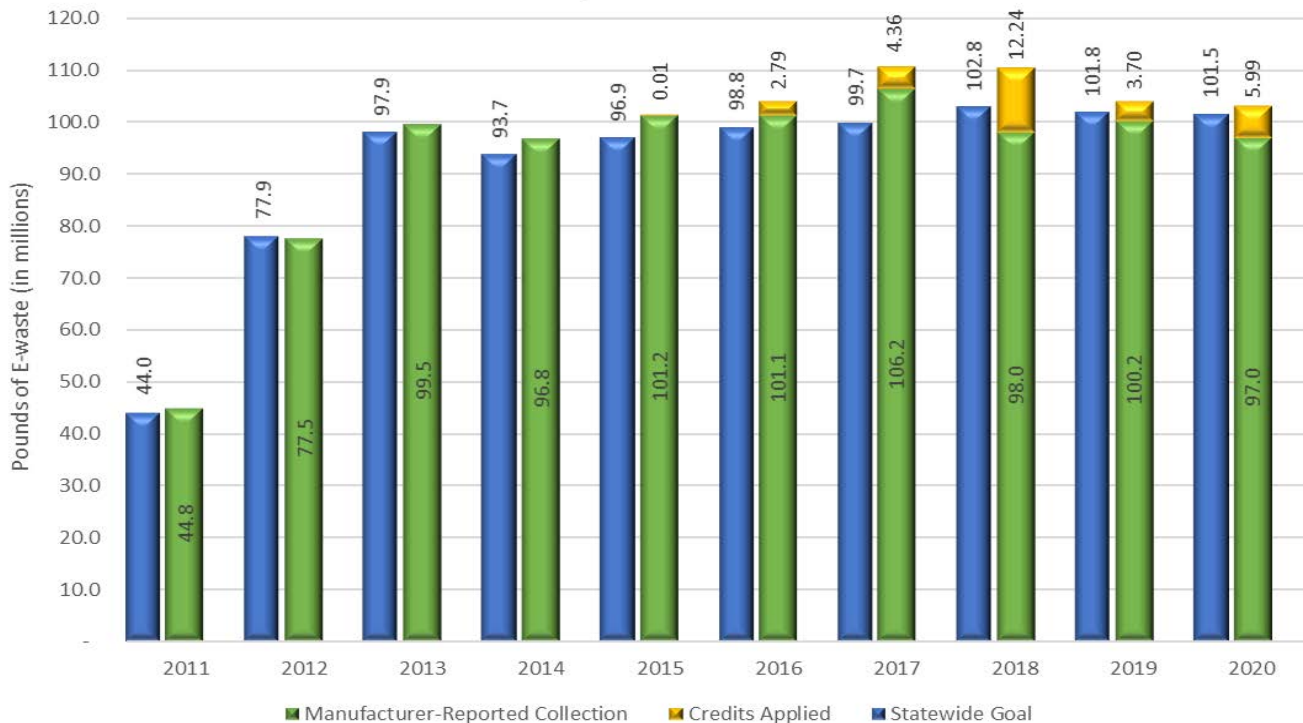
Program Overview (continued)

- Statewide Recycling or Reuse Goal
- Manufacturer acceptance standards based on NYS market share
- Annual reporting for all regulated entities by March 1st
- Recycling surcharges for manufacturer under-collection (\$.30 - \$.50 per lb.)
- Manufacturer credits for exceeding acceptance standards

Year	Statewide Goal
2011	43,968,269 (3/4 year)
2012	77,860,788
2013	97,851,305
2014	93,651,028
2015	96,852,222
2016	98,844,520
2017	99,702,748
2018	102,842,560
2019	101,801,238
2020	101,477,229
2021	TBD

Program Performance Update

New York Statewide Goal vs. Manufacturer-Reported Collection of E-waste



* 2020 data is an approximation, and is not yet official

Successes Achieved

- Over **922 million lbs.** of electronic waste recycled/reused since the Act's inception (April 2011 – Dec. 2020), equivalent to:
 - ~ 11,156,117 lbs. hazardous metals reduction*
 - ~ 1,254,512 metric ton GHG emissions reduction*
- Expanded acceptance opportunities for consumers = less illegal dumping of electronic waste
- New products being designed with the environment and recyclability in mind
- Job creation within the electronic waste recycling industry

* *e-Stewards Global Impact Calculator*



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Current DEC Actions to Improve Program

- Enforcement action for non-compliance
- Pursuit of unregistered entities
- Inspections of state electronic waste recycling facilities
- Covered electronic equipment determinations
- Draft regulations



Proposed 6 NYCRR Part 368 - Product Stewardship and Product Labeling

(Awaiting GORR approval)

- Subpart 368-1 Recycling Labeling
- Subpart 368-2 Mercury-Added Consumer Products Labeling
- **Subpart 368-3 Electronic Waste Collection, Recycling and Reuse**

“Recyclable”
“Recycled”
“Reusable”



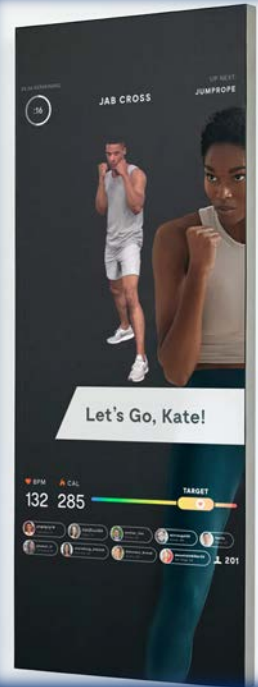


Potential Legislative Solutions to Existing Challenges

- Require manufacturers to cover all program costs by explicitly prohibiting charges to program partners
- Prohibit the use of mailback as the sole acceptance method
- Ensure continuous and convenient acceptance for consumers by moving away from performance minimums *or* by modifying existing acceptance requirements

Potential Legislative Solutions to Existing Challenges (continued)

- Require registration of “small manufacturers” with fewer requirements
- Require reporting of out-of-state collector weight
- Create a process for the addition of new types of covered electronic equipment



Potential Legislative Solutions to Existing Challenges (continued)

- Adjust acceptance standard issuance dates
- Strengthen public education requirements
- Clarify the role and responsibilities of collectives



What Lies Ahead for the E-waste Program?

- Part 368 regulatory adjustments?
<https://www.dec.ny.gov/chemical/65583.html>
- Potential legislative change(s)?
 - Department recommendations
 - Current proposal(s) in legislature
- National EPR legislation for electronic waste?





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Thank you! Questions?

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