

Oklahoma's Role in Electronics Recycling

Amanda Scofield

Amanda
Scofield



DEQ Land Protection

Solid Waste &
Sustainability



Oklahoma Computer
Equipment Recovery Act

OCERA



Amanda.Scofield@deq.ok.gov



405-702-5118

Oklahoma Computer Equipment Recovery Act

- To establish a convenient and environmentally sound recovery program for the collection, recycling and reuse of computers and computer monitors that have reached the end of their useful lives

OCERA Covered Devices

Desktop/Notebook Computers Computer Monitors

- Desktop computers + monitors
- Laptops
- Netbooks/Notebooks
- Tablets
- eReaders
- Gaming computers

Does not cover:

- TV
- Any part of a motor vehicle
- Telephone
- Medical device
- Portable handheld calculator
- Portable digital assistant

OCERA Requirements

Manufacturer

- Annual Fee
- Annual report
- Recovery plan

Retailer

- Only sell devices from compliant manufacturers with affixed manufacturer labels

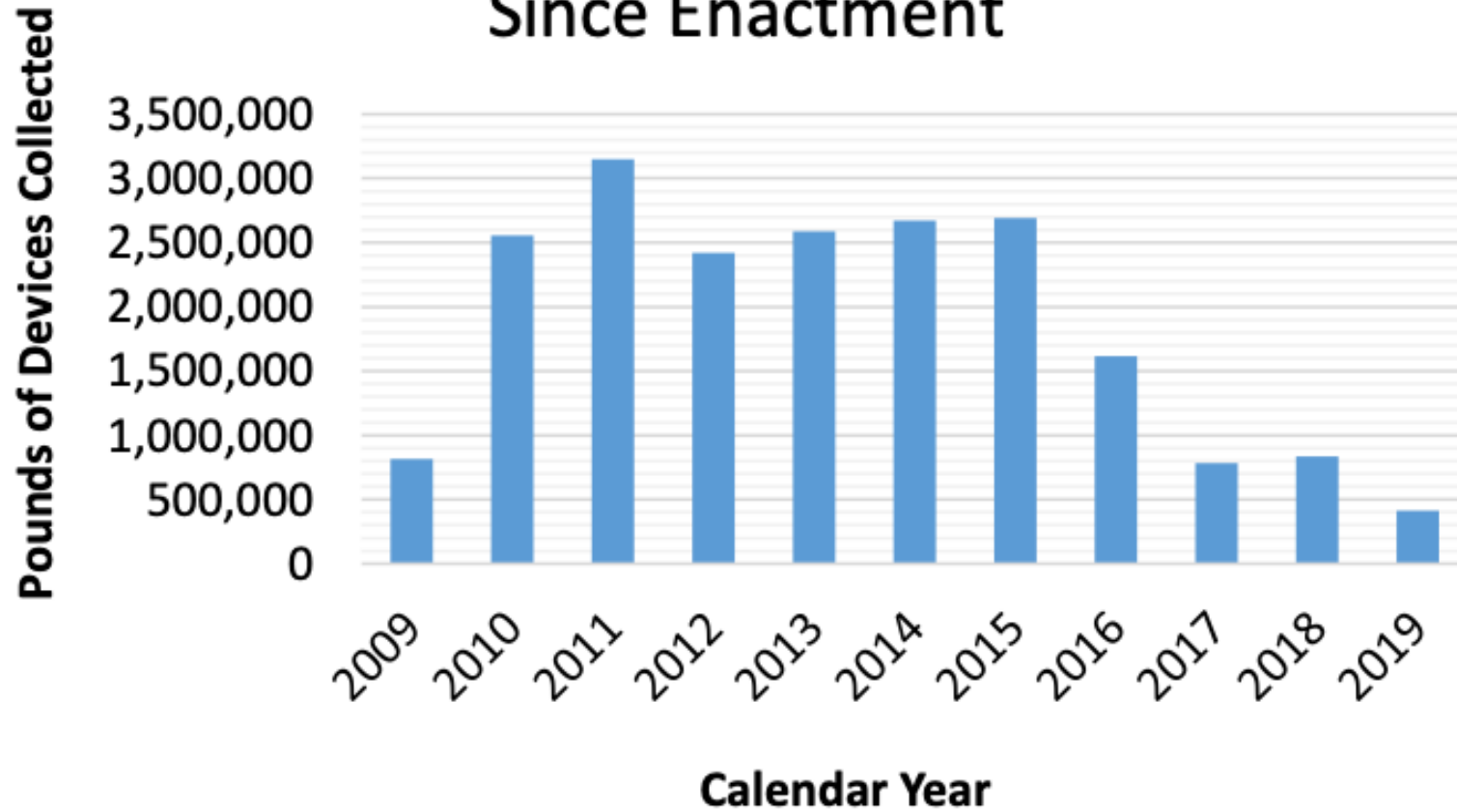
DEQ

- Review & approve fees, reports, & plans
- Maintain a list of compliant manufacturers & recovery plans
- Conduct inspections
- Public education

Consumer

- Remove personal data

Weight of Collected Devices Since Enactment



OCERA
History

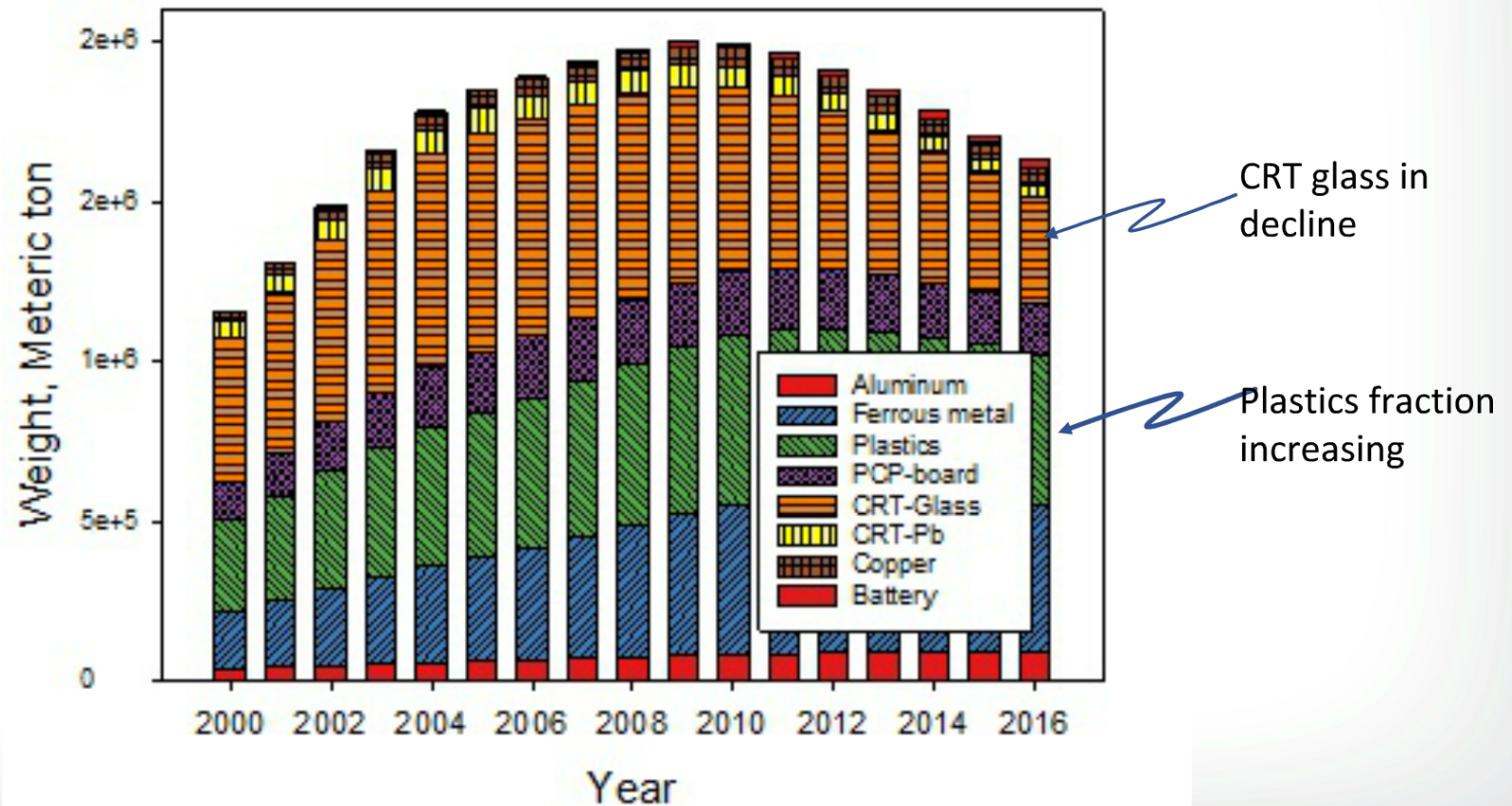
Why is Collection Weight Declining?

- Low manufacturer participation
- Drop-off vs. Mail-back Programs
- Effects of COVID
- Evolving electronics
 - Lighter equipment
 - Less CRT (cathode ray tube) glass
 - Smaller equipment
 - Tablet computer vs. Desktop

National Trends



Change in the material composition E-waste



Consumer Options

1

Mail-Back

Check manufacturer's
recovery plan by searching
their website

2

Drop-off

Best Buy
Staples

3

Find a local E-Steward
or R2 certified
electronic recycler

<http://e-stewards.org/find-a-recycler/>

<https://sustainableelectronics.org/recyclers>