



What Do The Numbers Show?

A Look At State Electronics Recycling Programs
& How the ERCC is Helping Coordinate & Harmonize
Efforts at the State Level

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National Center for Electronics Recycling (NCER)



Background

- The ERCC was formed through a cooperative agreement between the National Center for Electronics Recycling (NCER) and the Northeast Recycling Council, Inc. (NERC).
- Forum for coordination and info exchange, joint decision-making
- Members:
 - Voting: State/local government
 - Affiliate: industry, non-profits, state/local without legislation, trade associations

NERC | Northeast Recycling Council



Background

- Modeled on Toxics in Packaging Clearinghouse
- Addresses growing number of state electronics recycling laws (23):
 - 2003: California
 - 2004: Maine
 - 2005: Maryland
 - 2006: Washington
 - 2007: Connecticut, Minnesota, Oregon, Texas, North Carolina
 - 2008: New Jersey, Oklahoma, Virginia, West Virginia, Missouri, Hawaii, Rhode Island, Illinois, Michigan
 - 2009: Indiana, Wisconsin
 - 2010: Vermont, South Carolina, New York



Benefits of ERCC

- Reduce administrative overlap
- Offer covered stakeholders a one-stop shop for information on state laws
- Coordinate data gathering/info sharing
- Formalize joint responses on key implementation issues
- Access to ERCC website and “members only” pages, which include specialized research
- Input on developing ERCC projects
- Affiliate members can provide information directly to the decision makers at the state level and help to identify developing issues and solutions



Activities of ERCC

- **Projects are ultimately decided by the Executive Committee, but are based on member (including Affiliate) input:**
 - **Joint access to needed market research data**
 - **Coordinated responses to non-compliant companies**
 - **Data tracking on collection volumes, manufacturer contact information and return share**
 - **Development of a multi-state manufacturer registration form/database**
 - **Website with updated data including various clickable maps with data on the various state programs (i.e., covered products, covered entities, financing models)**



ERCC Website

ecycleclearinghouse.org



Home | Contact Us | Member Login

The Clearinghouse

Advantages of Membership

Advantages of Affiliate Membership

Members

Founding Members

FAQs

[Learn More About ERCC](#)

Resources

Map of States With Legislation

Covered Entities Map

Product Scope Map

Map of States with Landfill Bans

State Agency Contacts

Federal E-Cycling Regulations

2009 Per Capita Collections

Performance Measures



The mission of the Electronics Recycling Coordination Clearinghouse is to provide a forum for information exchange among state agencies implementing electronics recycling laws and all impacted stakeholders.



The Electronics Recycling Coordination Clearinghouse (ERCC) was launched in 2010 by two leading non-profit organizations advancing recycling efforts across the country - the [National Center for Electronics Recycling \(NCER\)](#) and the [Northeast Recycling Council \(NERC\)](#). The ERCC is a forum for coordination and information exchange among the state/local agencies that are implementing electronics recycling laws and all impacted stakeholders.

The ERCC is divided into two basic types of membership. The first are the voting members, who are states and local governments that are implementing electronics recycling laws. The ERCC also includes an affiliate, non-voting membership consisting of industry and other organizations. The ERCC is modeled on the successful organization currently managed by NERC known as the Toxics in Packaging Clearinghouse (TPCH). TPCH has demonstrated over the years that providing this type of coordination can provide benefits to and reduce costs for state governments and the regulated community in addition to providing

How To Join

- **Membership dues are based on the state population for Voting Members and the size/type of organization for Affiliate Members**
- **Contact Jason Linnell or Lynn Rubinstein for details**
 - jlinnell@electronicsrecycling.org
 - lynn@nerc.org



ERCC Founding Members:



Founding (Voting) Members:

- CA Integrated Waste Management Board
- CT Department of Environmental Protection
- Hawaii Department of Health
- Illinois Environmental Protection Agency
- Maine Department of Environmental Protection
- Minnesota Pollution Control Agency
- NYC Department of Sanitation
- NJ Department of Environmental Protection
- NC Department of Env and Natural Resources
- Wisconsin Department of Natural Resources



Founding (Affiliate) Members:

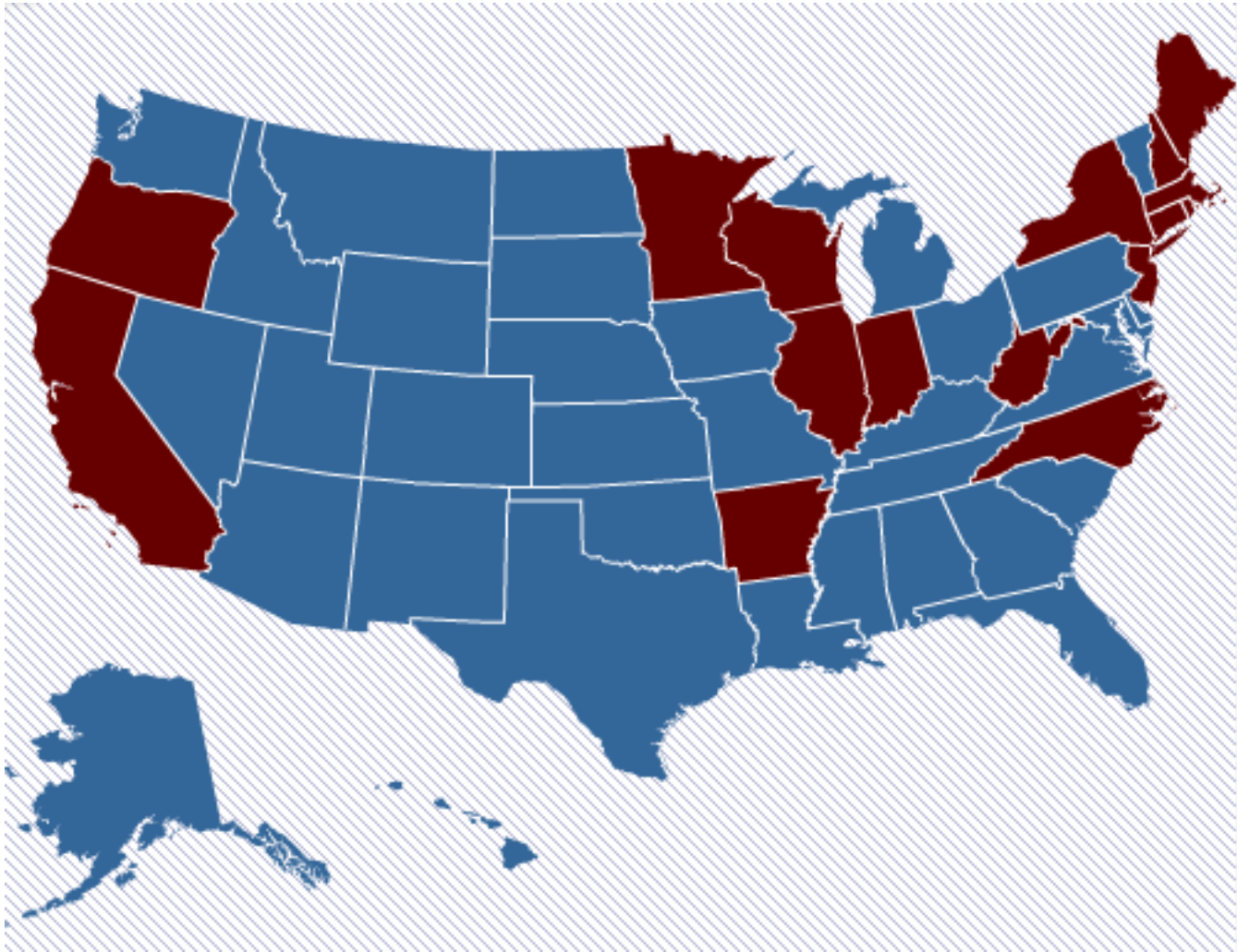
- **Best Buy**
- **Brother**
- **Consumer Electronics Association**
- **ecoATM**
- **ECS Refining**
- **Funai Group**
- **IMS Electronics Recycling**
- **Samsung**
- **Sims Recycling Solutions**
- **Waste Management Recycle America**
- **WeRecycle!**



Background Data & Facts on US State/Local Electronics Recycling Laws

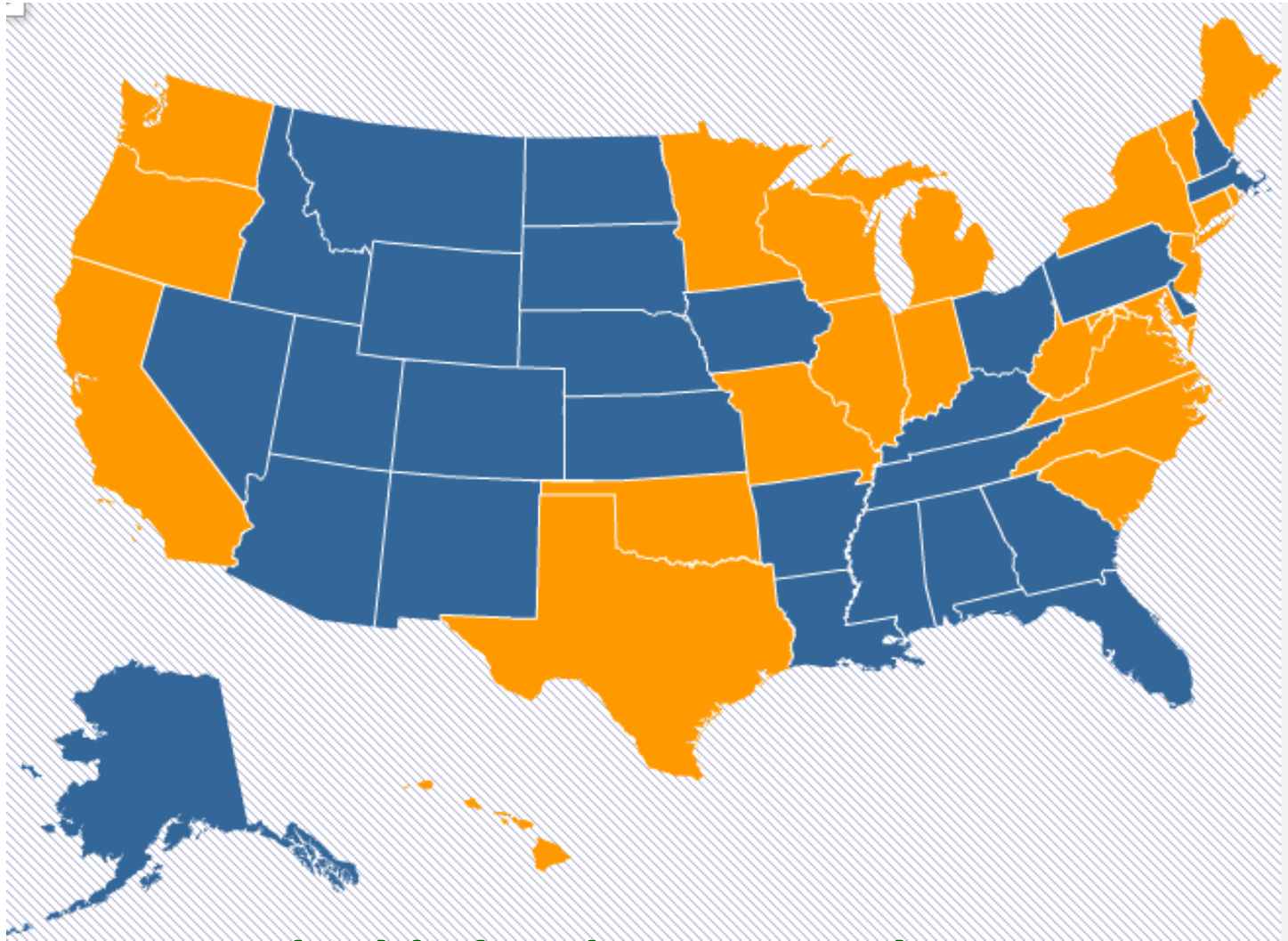


Map of States With Disposal Bans



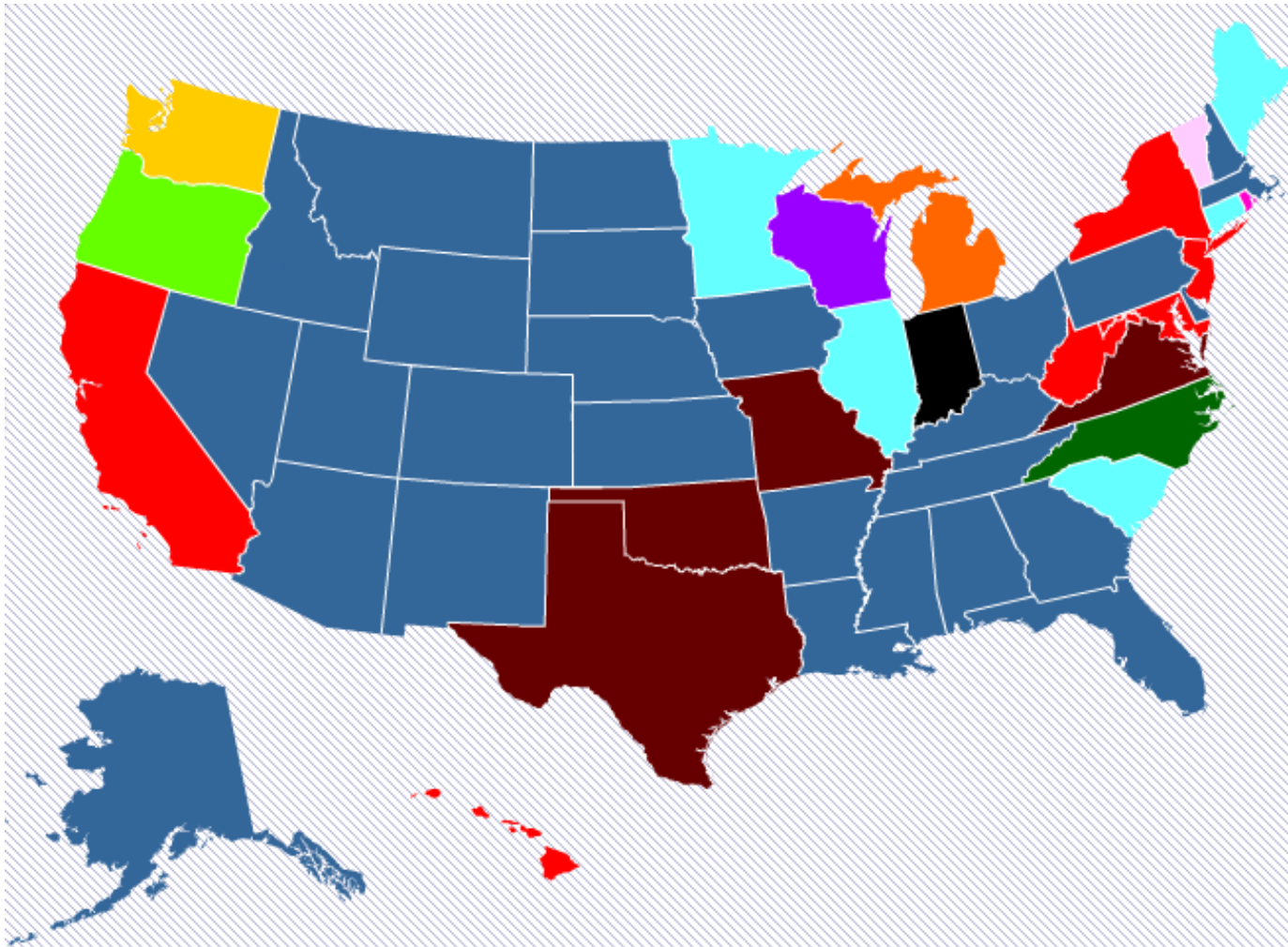
States highlighted in maroon have some type of electronics recycling law

Map of States With Legislation



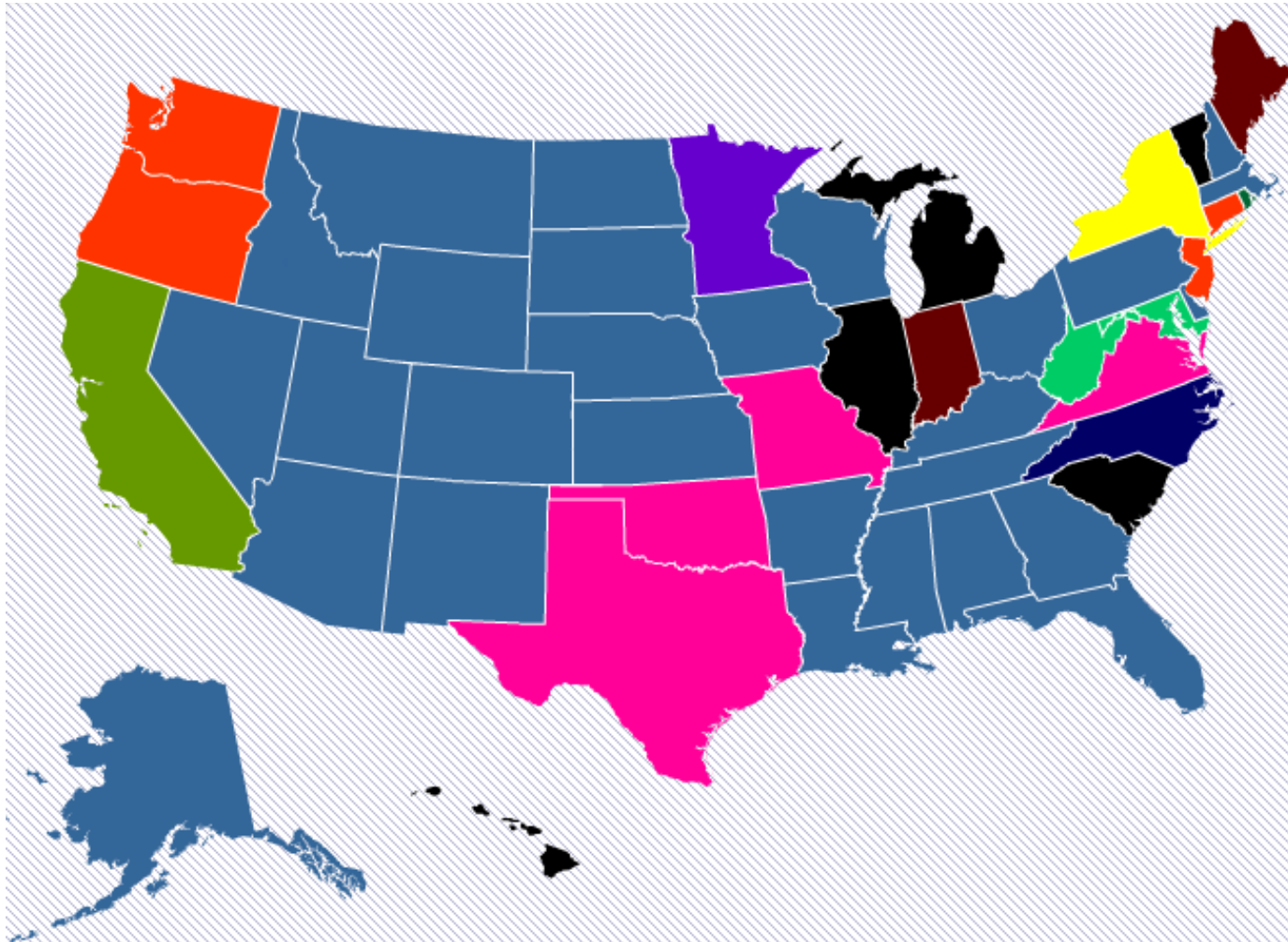
States highlighted in orange have some type of electronics recycling law

Patchwork of Covered Entities



Some states cover all entities, whereas others put restrictions on who is covered and may only cover households, or households and schools. Go to ecycleclearinghouse.org for more details.

Product Scope Map




**Some states cover a wide variety of electronic products under their law.
Others are more narrow and may only include computers and monitors.
Go to ecycleclearinghouse.org for more details.**


Types of Program Financing





Jason – I can do a new map for this one similar to the others – I just need to know what type of financing the newly passed states have.

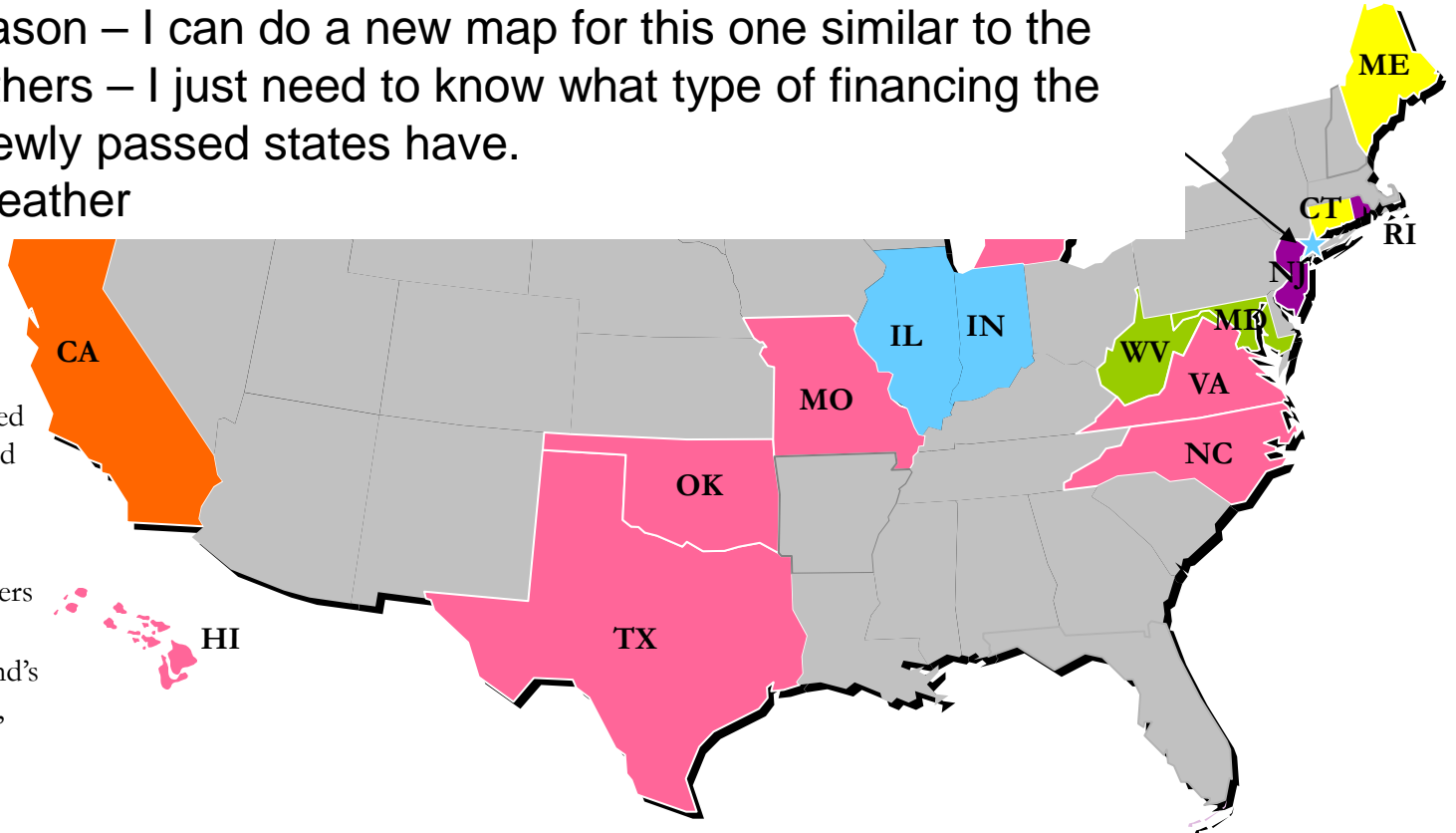
Heather


 **ARF** - Electronic W Recycling Fee, assesses the sale of covered electronic products


 **FEE** - Manufacturer Annual Registration Fees (can be significantly reduced by establishing an approved take-back program)

 **SHARE** - Manufacturers must finance a program to collect & recycle their brand's share of covered products, either collectively or independently

 **LBS. SOLD**
Manufacturer pays registration fee and for collection and recycling of covered electronic devices based on their yearly sales to households

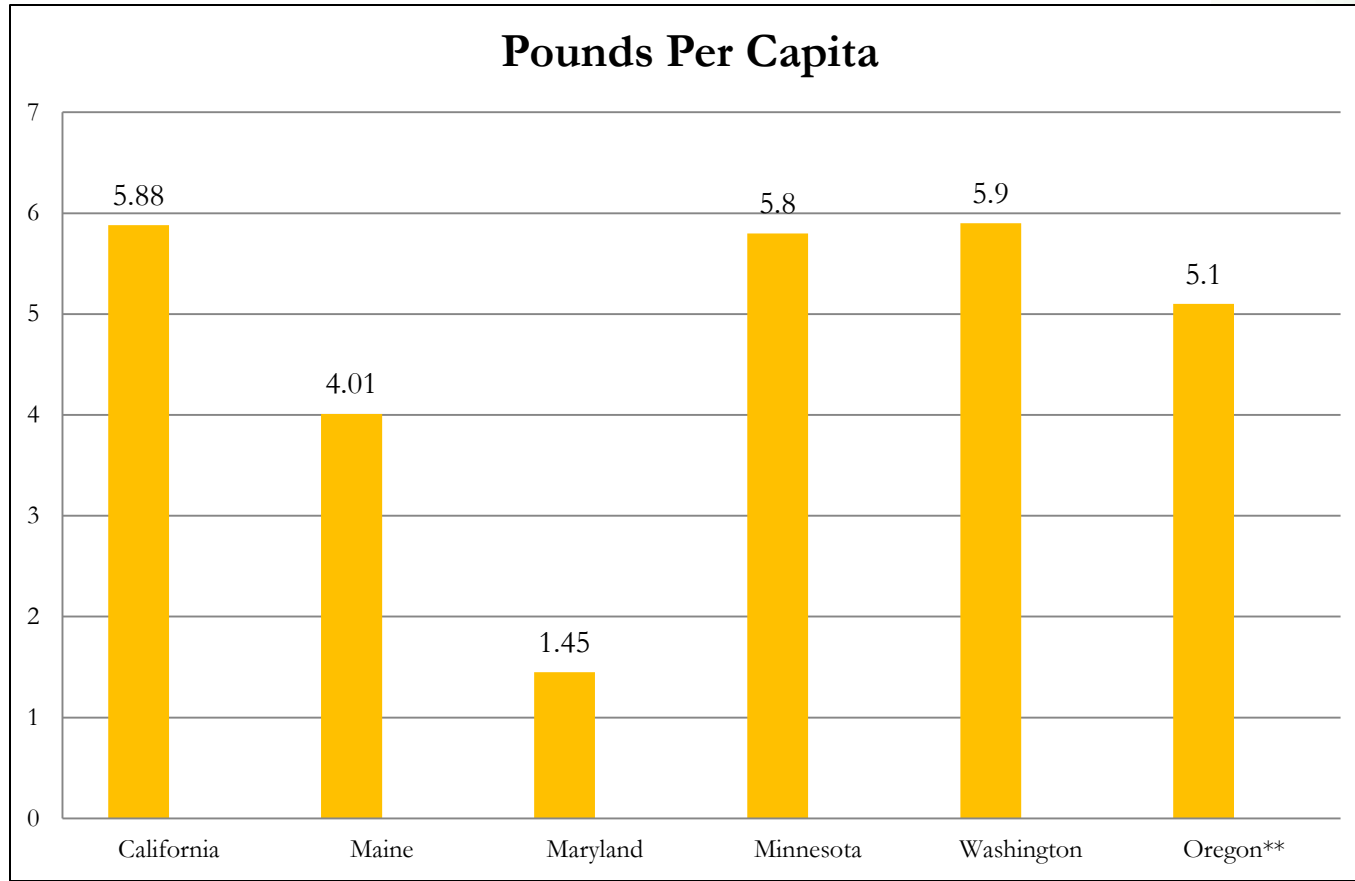


 **RETURNS 1** - Manufacturers must develop and implement their own recycling programs for their own returned products (TX requires program to collect from consumers, NC requires program to collect from collectors).

 **RETURNS 2** - Manufacturers pay for transportation and recycling of their own branded products collected by others plus a pro rata share of all orphan products

Current Metrics

Most Recent Per Capita Rates



State	In Effect?	Date
CA	Yes	1/1/2005
HI	Yes	1/1/2010
IL	Yes	1/1/2010
ME	Yes	1/18/2006
MD	Yes	1/1/2006
MN	Yes	7/1/2007
MO	Yes	7/1/2009
NJ	Yes	1/1/2010
OK	Yes	1/1/2009
OR	Yes	1/1/2009
RI	Yes	2/1/2009
TX	Yes	9/1/2008
VA	Yes	7/1/2009
WA	Yes	1/1/2009
WI	Yes	1/1/2010
WV	Yes	1/1/2009
16 In Effect Above, 7 Pending Below		
CT	No*	7/1/2009 – likely mid 2010
IN	No	4/1/2010
NC	No	7/1/2010
NY	No	4/1/2011
NYC	No	??– delayed plan date
SC	No	7/1/2011
VT	No	7/1/2011