



Overview of Electronics Recycling Coordination Clearinghouse (ERCC)



***A project of the National Center for
Electronics Recycling
(NCER)
and the Northeast Recycling Council
(NERC)***



Overview



- **ERCC Background**
- **ERCC Structure and Services**
- **Founding Members**

What is the ERCC?



- **Addresses growing number of state electronics recycling laws**
- **Forum for coordination and info exchange, joint decision-making**
- **Members**
 - Voting: State/local government
 - Affiliate: industry, non-profits, state/local without legislation, trade associations
 - Founding: voting and affiliate members committing before January 2010 launch
- **Modeled on Toxics in Packaging Clearinghouse**

Why the ERCC?



- **Reduce administrative overlap**
- **Offer covered stakeholders a one-stop shop for information on state laws**
- **Coordinate data gathering and information sharing**
- **Formalize joint, but non-binding, responses on key implementation issues**
- **Allow newer programs to learn from best practices of early adopters**

ERCC Structure



- **Governed by Bylaws Adopted by Voting Members**
- **Executive Committee: Admin/Policy oversight**
 - Chair: Carole Cifrino, Maine
 - Vice Chair: Garth Hickle, Minnesota
 - At-Large: Wendy Okazaki, Hawaii
 - One at-large per 8 Voting Members
- **Administered by Northeast Recycling Council**
- **Managed by National Center for Electronics Recycling**

ERCC Services & Activities



- **Info Sharing calls bi/monthly**
- **Subgroups formed with calls for projects**
 - ERCC website and performance measures
 - Market share data gathering and access
 - Brand Count and Return Share Sampling Coordination
 - Online Registration Tool
- **Brand and Manufacturer Tracking Database**
 - **Latest compilation of facts and registrations**
 - **Member service replacing portion of BDMS**

ERCC Services & Activities



- **Targeted resources based on members request**
 - Market share needs across states
 - Return share sampling process overview
- **Discounted market share data and possible joint bid/consolidated report**
- **Online manufacturer (and recycler) registration under development**
 - One place for standard info from OEM or recycler, export to state manager
- **Joint contact to covered stakeholders**
 - i.e. questions on product definition, brand ownership



FOUNDING MEMBERS

Founding Members (Voting)



- **CalRecycle**
- **Connecticut 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**
- **New Jersey Department of Environmental Protection**
- **North Carolina Department of Env and Natural Resources**
- **Wisconsin Department of Natural Resources**

Founding Members (Affiliate)

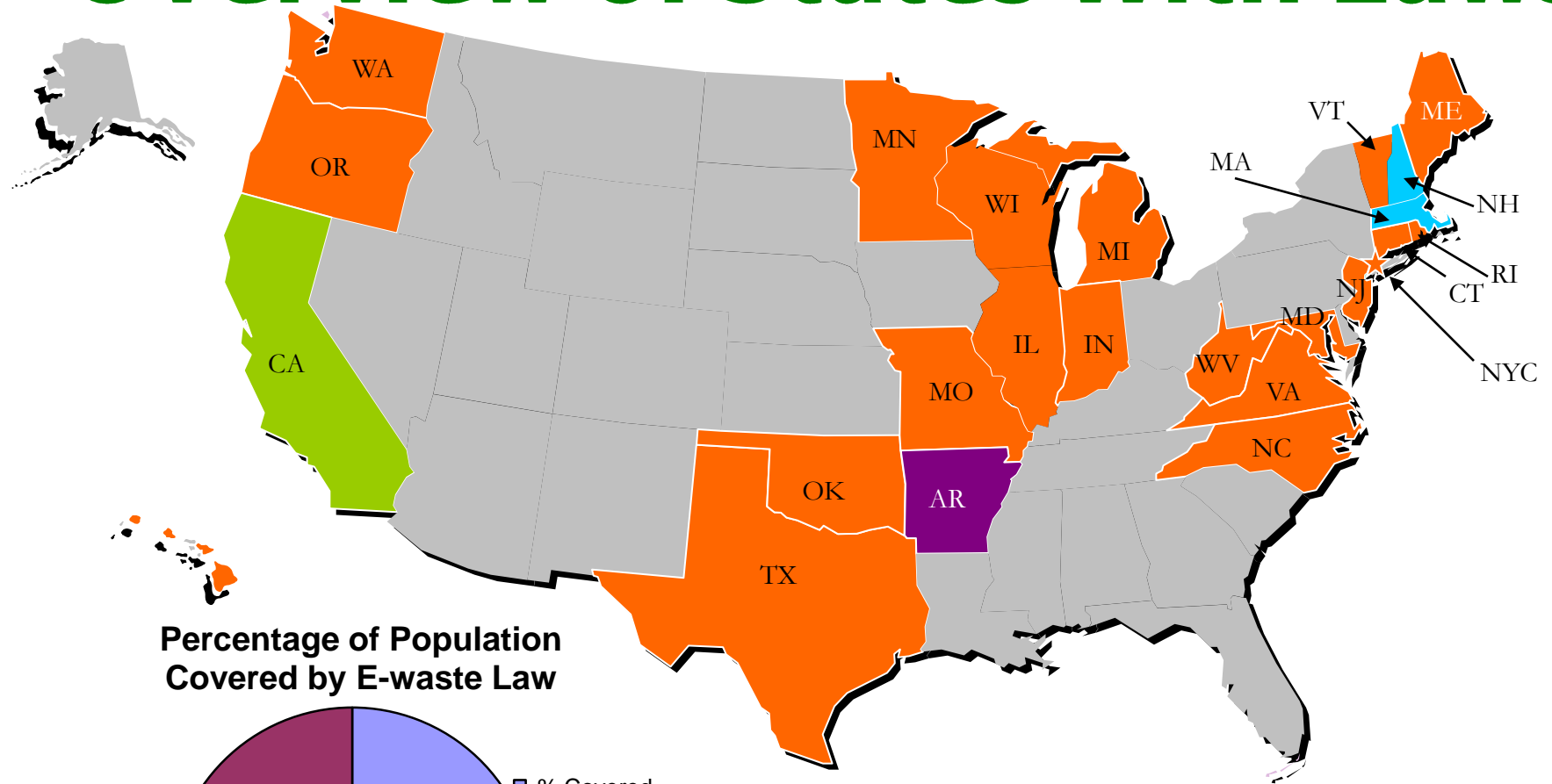


- **Best Buy**
- **Brother**
- **Consumer Electronics Association**
- **ecoATM**
- **ECS Refining**
- **Funai Group**
- **IMS Electronics Recycling**
- **Orion**
- **Samsung**
- **Sims Recycling Solutions**
- **Waste Management Recycle America**
- **WeRecycle!**
- **Zero Waste Alliance**

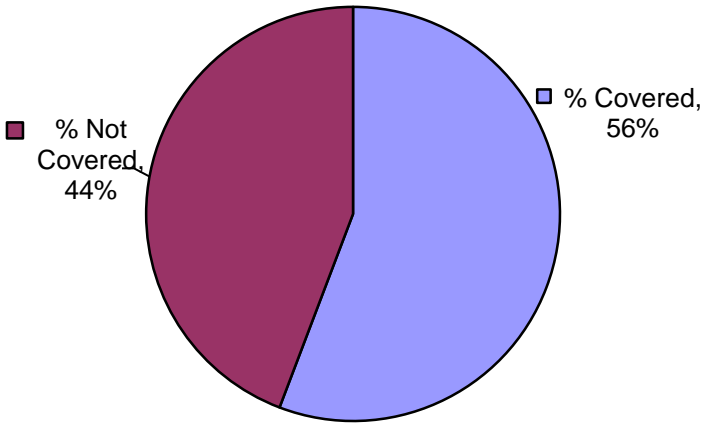


Background Data and Facts on US State/Local Electronics Recycling Laws

Overview of States With Laws



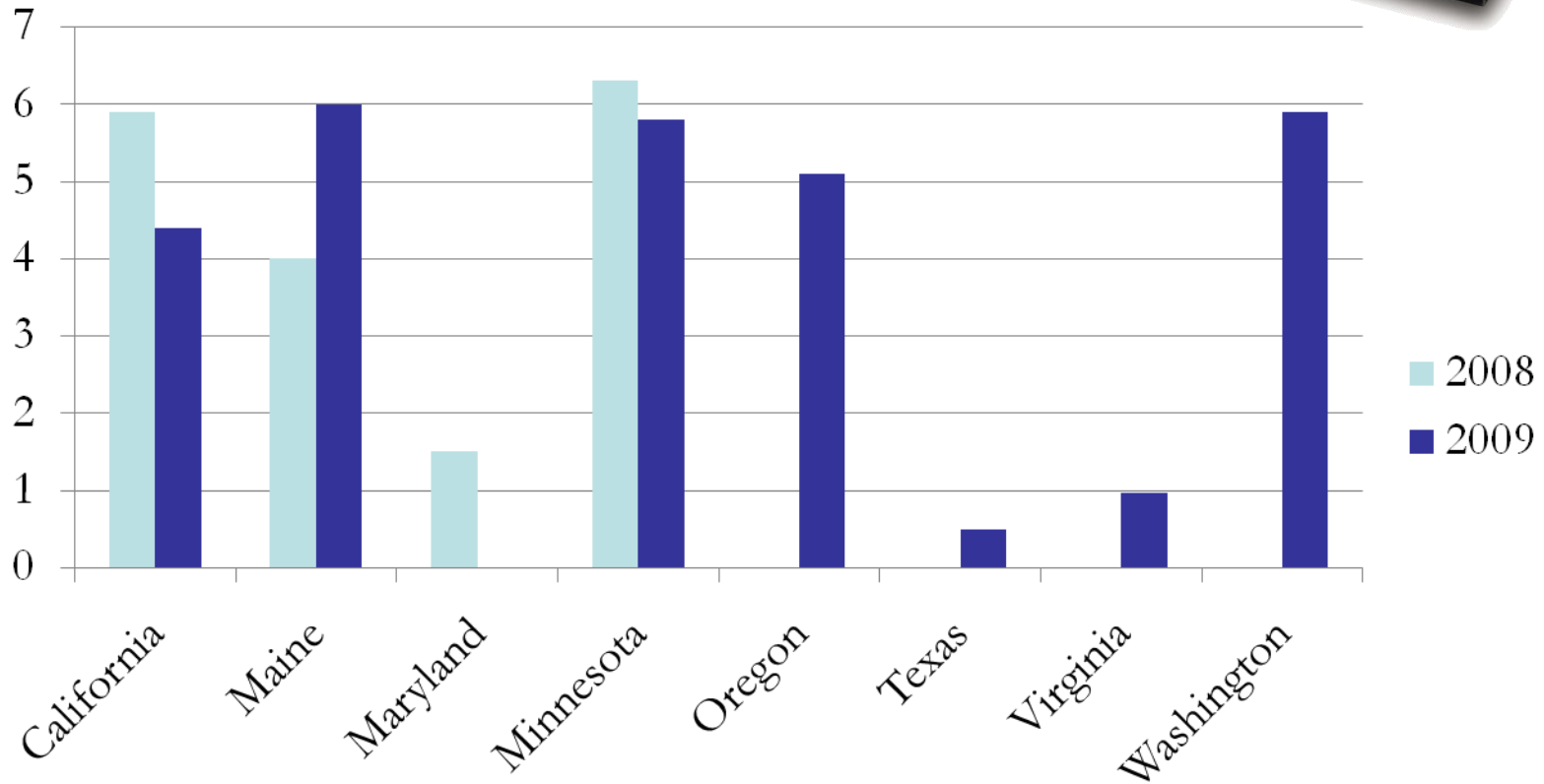
Percentage of Population Covered by E-waste Law



- States With Producer Responsibility Laws
- States With ARF (Consumer Fees) Laws
- States With Landfill Disposal Fee
- States With Disposal Ban/No E-Waste Law

Current Metrics

Most Recent Per Capita Rates



State	In Effect?	Date
CA	Yes	1/1/2005
HI	No	1/1/2010
IL	No	1/1/2010
IN	Yes	4/1/2010
ME	Yes	1/18/2006
MD	Yes	1/1/2006
MI	Yes	4/1/2010
MN	Yes	7/1/2007
MO	Yes	7/1/2009
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
17 In Effect Above, 4 Pending Below		
CT	No*	7/1/2009 – likely September 2010
NJ	No	7/1/2010
NC	No	7/1/2010
NYC	No	??– delayed plan date
VT	No	??

Product Scope By State

● Desktops, Laptops (over 4 inch), TVs (over 4 inch), Monitors (over 4 inch)

● Laptops, TVs (over 9 inch), Monitors (over 9 inch)

● Desktops, Laptops, TVs (over 4 inch), Monitors (over 4 inch)

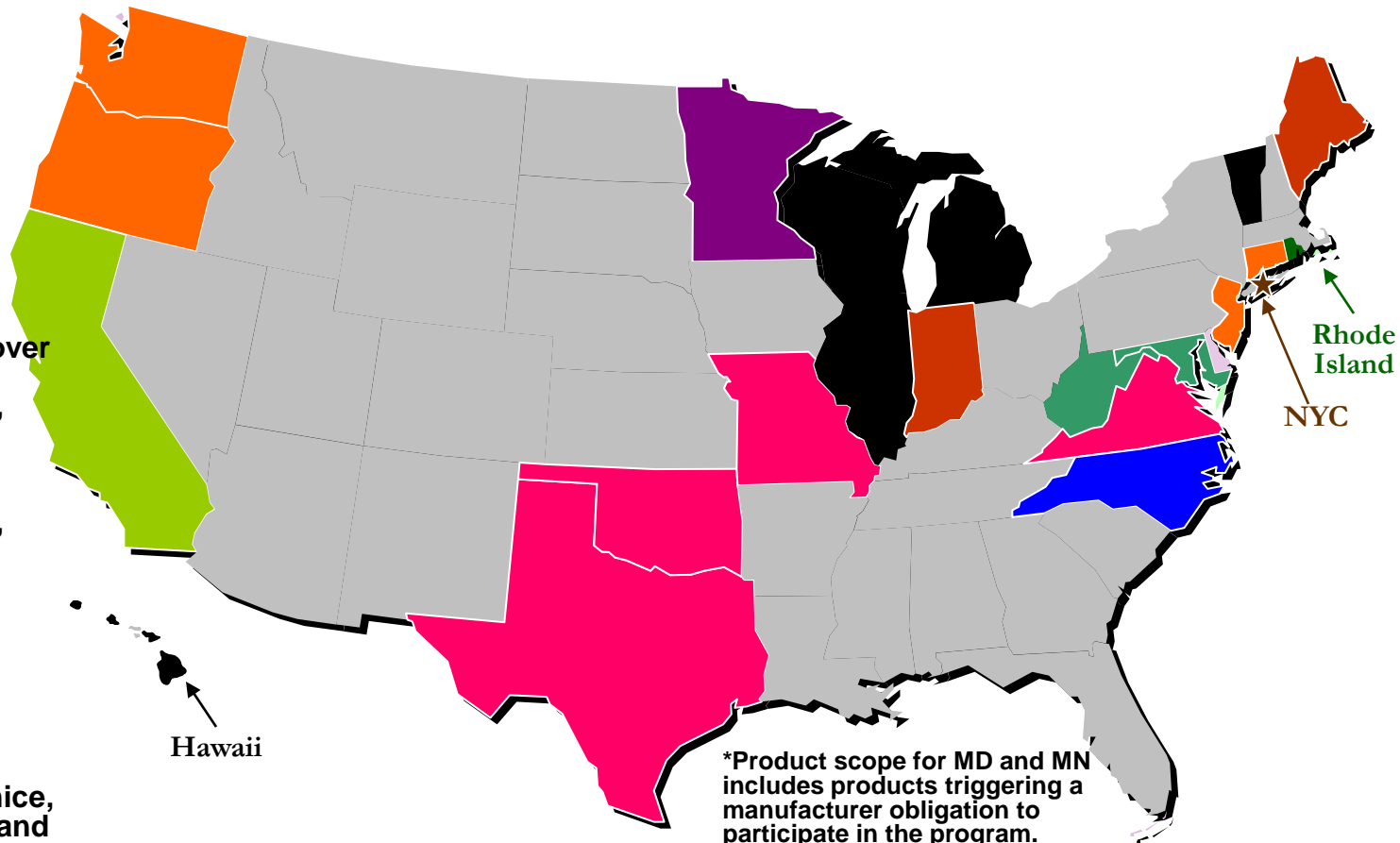
● TVs with exclusions (over 4 inch), Monitors (over 4 inch), Laptops (over 4 inch)

● TVs (over 4 inch), Monitors (over 4 inch), Laptops (over 4 inch)

● Desktops, laptops, computer monitors, printers, and TVs

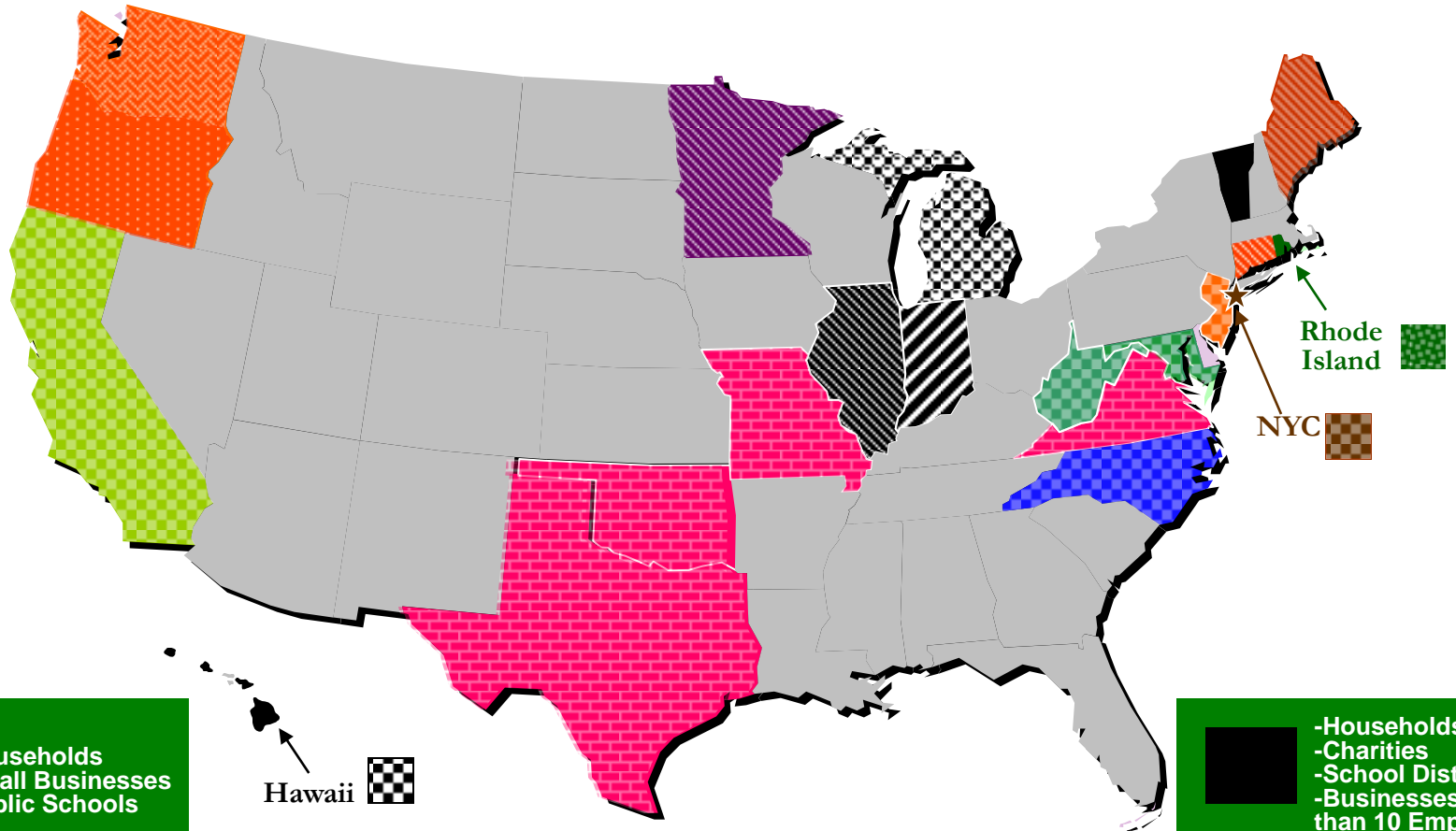
● Desktops, laptops, computer monitors, printers, keyboards, mice, digital music players, and TVs

● Desktops, laptops, computer monitors over 9 inch and TVs over 9 inch



Adding Covered Entities

Our Patchwork Quilt




 -Households
 -Small Businesses
 -Public Schools


 Households Only


 Any Entity



 -Households
 -Small Business
 -Non-Profits
 -Any Entity w/
 Fewer Than
 7 Devices


 Consumers
 Only (Who Use
 Computer
 Equipment for
 Home or Home
 Business Use)


 -Households
 -Small Gov't
 -Small Business
 -School Districts
 -Charities

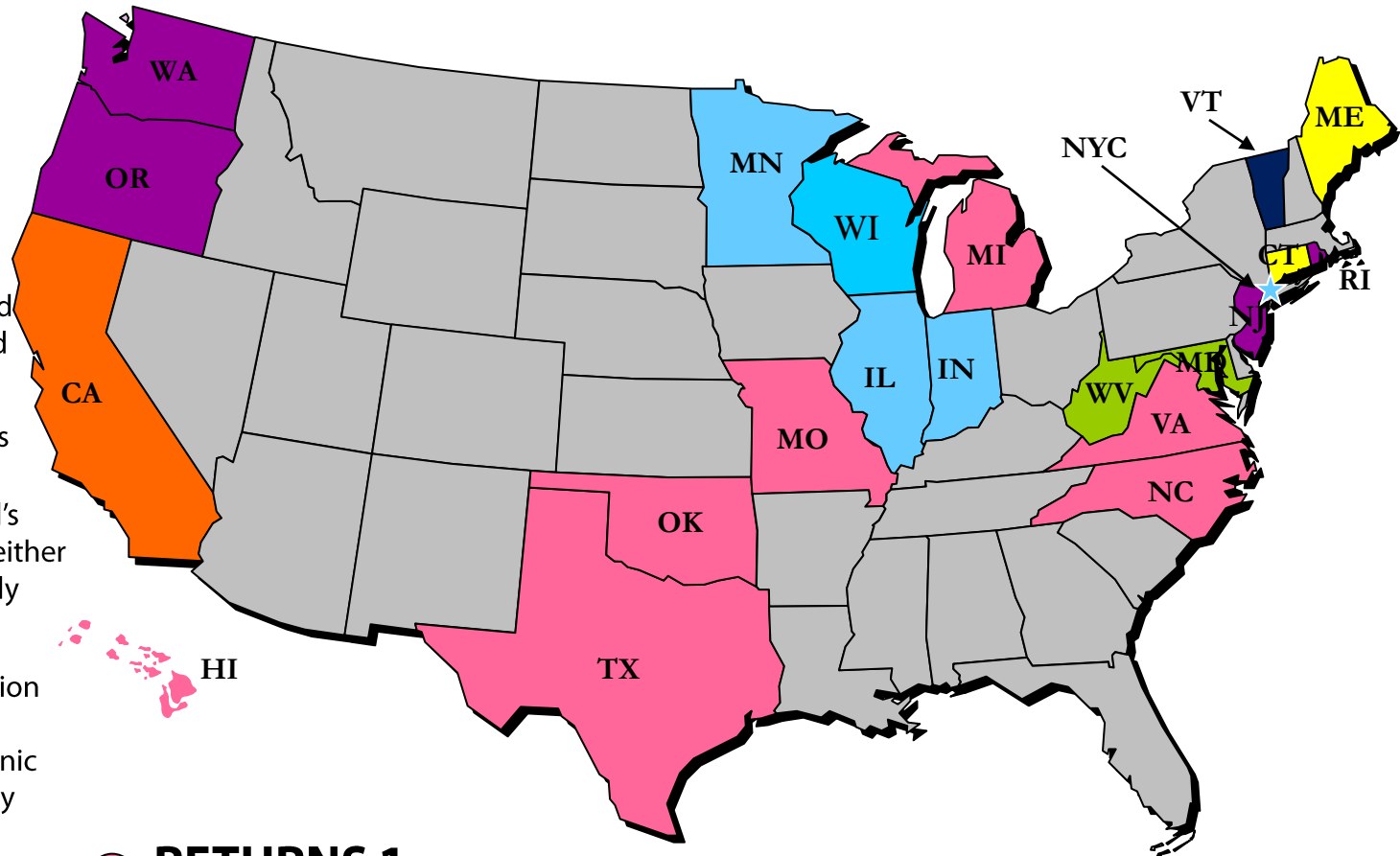

 -Households
 -Charities
 -School Districts
 -Businesses (Less
 than 10 Employees)


 Households
 & Schools


 Households
 Small Business with
 fewer than 7 employees

Types of Financing

- **ARF** - Electronic Waste Recycling Fee, assessed on 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
- **LBS. SOLD SHARE** - Manufacturers are assigned a market share percentage based on total weight sold into the state. A separate per capita goal is used for collection targets.



- **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 + TV MARKET SHARE** - IT Manufacturers pay for costs of their own branded products collected plus a pro rata share of orphan products. TV manufacturers pay based on their market share percentage of all TVs returned.