2011 NERC Fall Conference

1st Annual

ERCC Member's Meeting

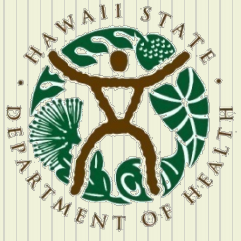
Accomplishments and Moving Forward

ERCC
Electronics
Recycling
Coordination
Clearinghouse

THANK YOU

Founding Members!

ERCC Electronics Recycling Coordination Clearinghouse



THANK YOU

Voting Members!

ERCC Electronics Recycling Coordination Clearinghouse

- CalRecycle
- Connecticut DEEP
- Hawaii DOH
- Illinois EPA
- Indiana DEM
- Maine DEP
- Minnesota PCA
- New Jersey DEP
- New York DEC
- North Carolina DENR
- Oregon DEQ
- Pennsylvania DEP
- South Carolina DHEC
- Vermont DEC
- Wisconsin DNR

THANK YOU

Affiliate Members!

ERCC Electronics Recycling Coordination Clearinghouse

- Arrow-Intechra
- Best Buy
- Brother International
- Consumer Electronics Association
- Dell
- ecoATM
- ECS Refining
- Electronic Recyclers Internat'l
- Funai
- IMS Electronics Association
- Orion America, Inc.
- PA Recycling Markets Center
- R2 Solutions
- Rhode Island Resource Recovery Corporation
- Samsung
- Sims Recycling Solutions
- Technology Conservation Group
- Waste Management Recycle America
- WeRecycle! LLC

ERCC Electronics Recycling Coordination Clearinghouse

Our Milestones

First Two Years

Successful Launch

ERCC Electronics Recycling Coordination Clearinghouse

At CES 2010!

Adoption of Bylaws

ERCC Electronics Recycling Coordination Clearinghouse

Bylaws of the
Electronics Recycling Coordination Clearinghouse (ERCC)
Adopted XXX

Members
The ERCC shall have the following types of membership:

VOTING:
Any State, Territory, or Commonwealth of the United States, or the District of Columbia, or local government that has adopted electronics recycling legislation.

AFFILIATE (Non-Voting):
Industry: Any industry, corporation, business, or other for profit organization

Trade Association: Any organization, whether for profit or non-profit, representing industry, business, or corporations.

Non-Governmental Organization: Any organization holding not-for-profit [tax-exempt] status and whose mission is environmental advocacy.

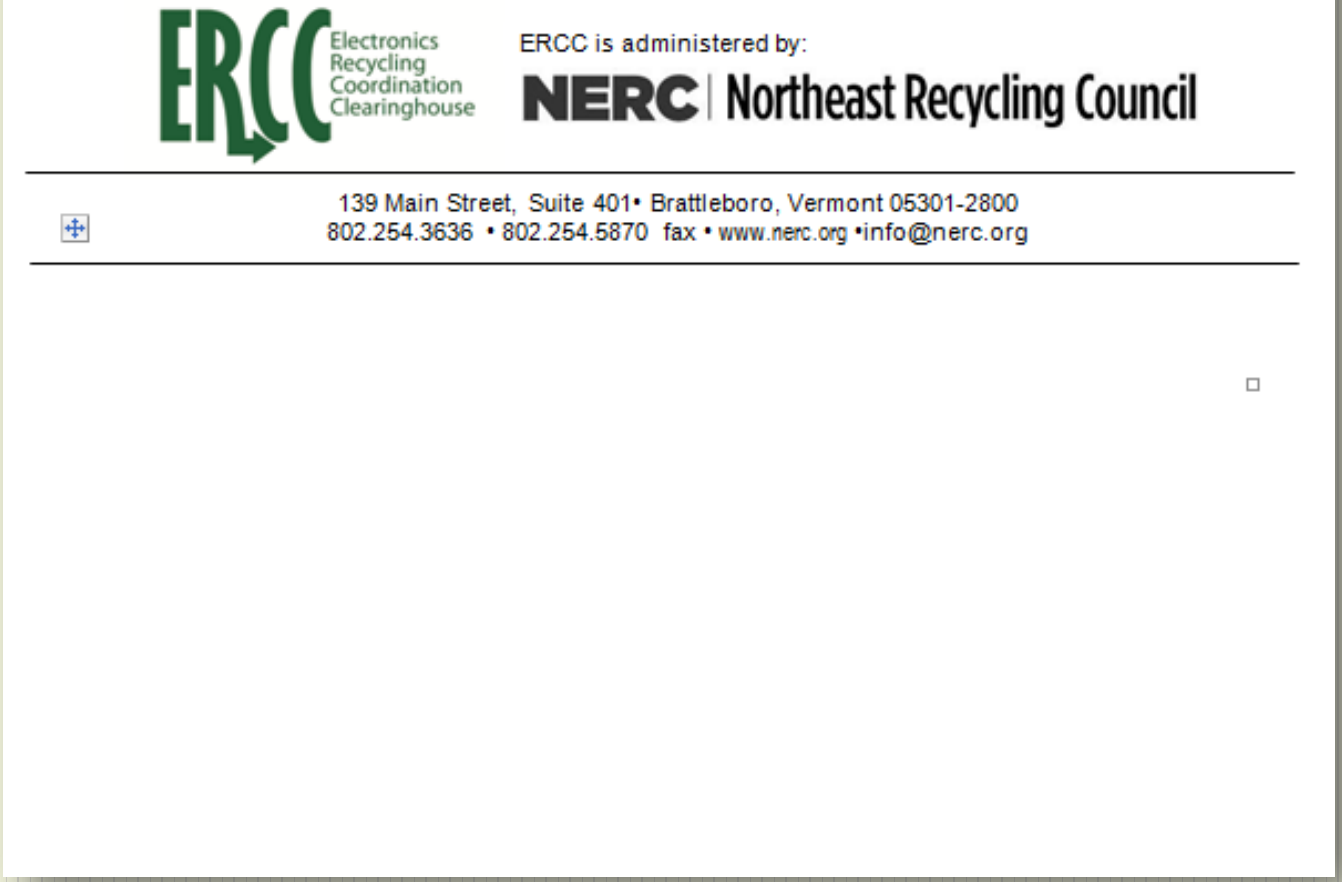
Foreign Government: Any official representative of a government other than that of the United States

Affiliate Government: Any Federal government agency, State, Territory, or Commonwealth of the United States, or the District of Columbia, or local government that has not adopted electronics recycling legislation

Role of Affiliate Members
All Affiliate Members may participate in ERCC calls and meetings, and provide information on relevant ERCC activities or decisions. Affiliate Members shall not have voting rights. Affiliate Members may be excluded from calls and meetings, or portions thereof, upon request of one or more Voting Members when it is determined that sensitive matters of regulatory concern will be

Letterhead & Logo Developed

ERCC Electronics Recycling Coordination Clearinghouse

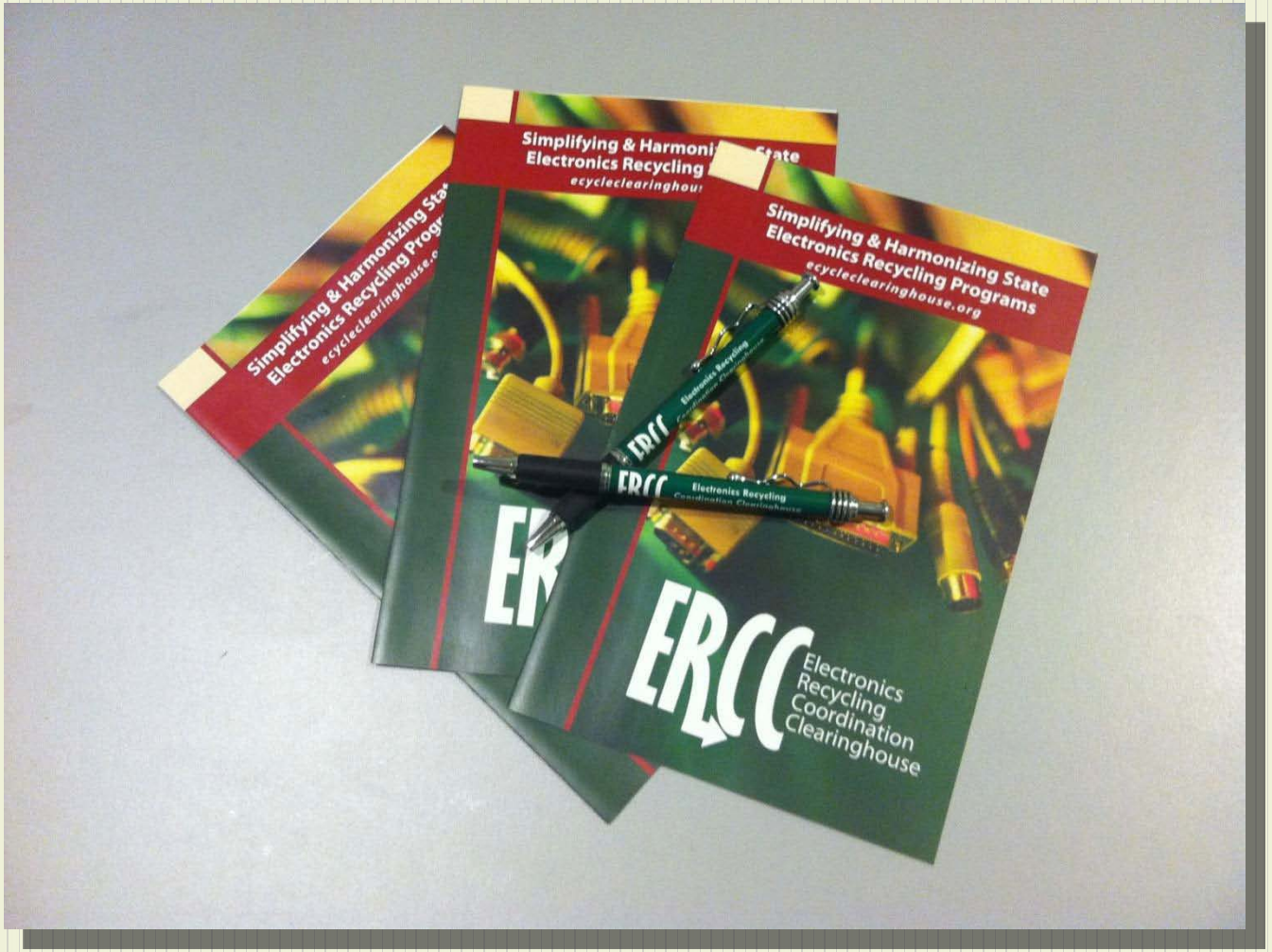


ERCC Booth Developed

Electronics Recycling Coordination Clearinghouse

Brochure & Promotional Pens

ERCC Electronics Recycling Coordination Clearinghouse



Successful Website Launch!

ERCC Electronics Recycling Coordination Clearinghouse

Home | Contact Us | Member Login

The Clearinghouse

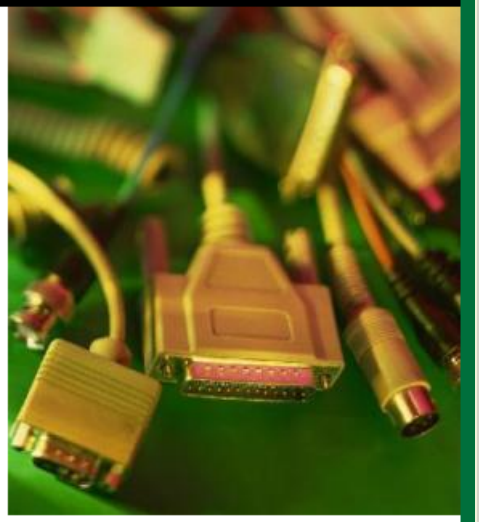
Advantages of Membership
Advantages of Affiliate Membership
Members
Founding Members
FAQs
Learn More About ERCC<

Resources

Map of States With Legislation
Electronics Recycling Maps
ERCC Releases RFP for Market Share Data
State Manufacturer Compliance Lists
State Agency Contacts
Federal E-Cycling Regulations
2010 Roundtable at E-Scrap
Pounds Per Capita by State

ERCC Electronics Recycling Coordination Clearinghouse

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.

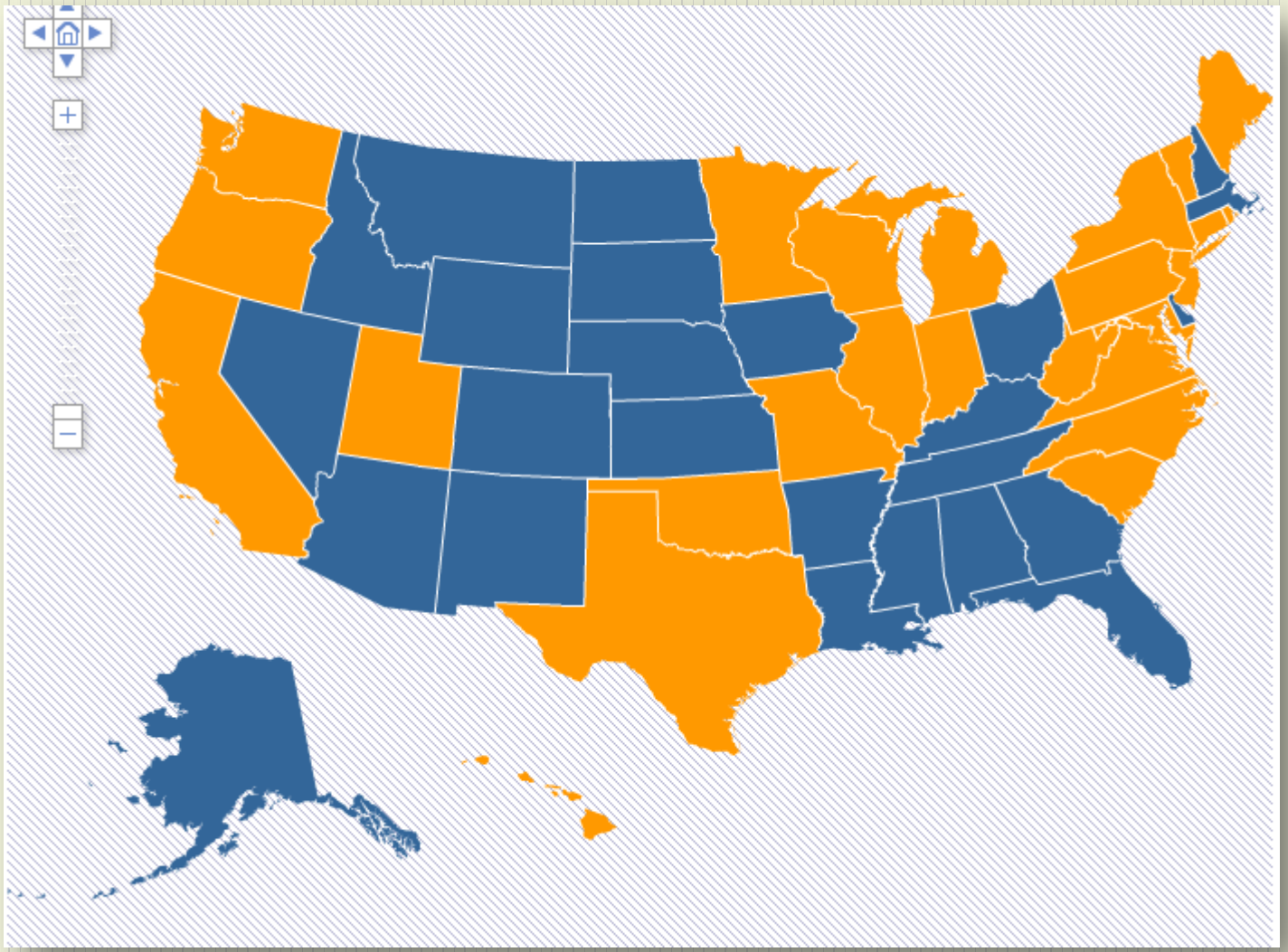


The Electronics Recycling Coordination Clearinghouse (ERCC) was launched in 2010 by two leading non-profit organizations advancing recycling efforts across the country - the National Center for Electronics Recycling (NCER) and the Northeast Recycling Council (NERC). The ERCC is a forum for coordination 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

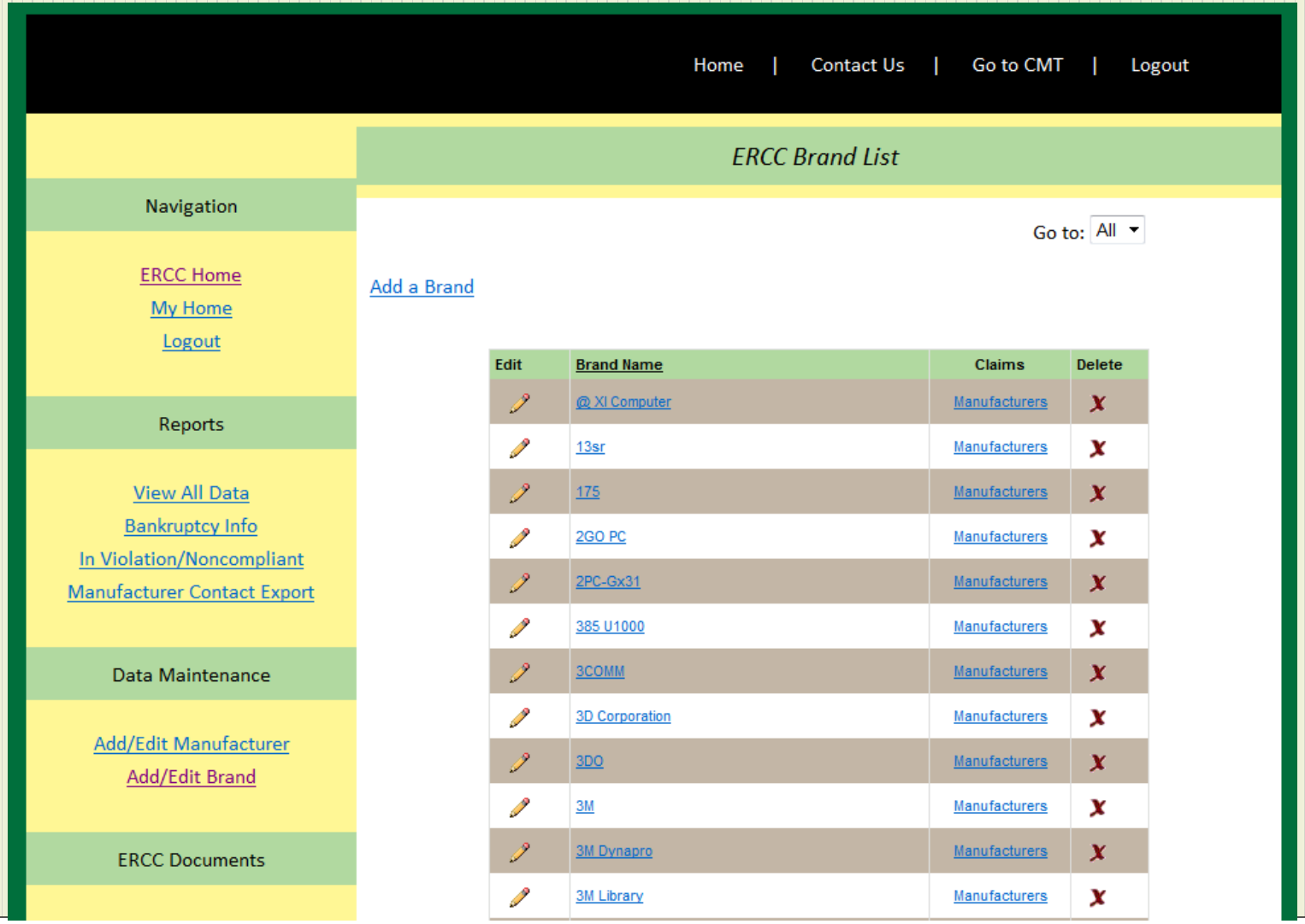
Added Maps and Resources

ERCC Electronics Recycling Coordination Clearinghouse



Brand/Manuf. Database

ERCC Electronics Recycling Coordination Clearinghouse



Subgroup on Key Projects

ERCC Electronics Recycling Coordination Clearinghouse

- Online Registration
  - Consolidate forms, developed web prototype
- Return Share
  - Share info on sampling process; less active with fewer states; BDMS
- Market Share Coordination
  - RFP and ideas for database
- Performance Measures
- Collector Best Practices

eCycle Registration

Electronics Recycling Coordination Clearinghouse

Joint Market Share RFP

Electronics Recycling Coordination Clearinghouse

DRAFT ERCC Request for Proposal

August 8, 2011

For Joint Purchasing of Electronics Market Share Data on Behalf of Multiple States

By the Electronics Recycling Coordination Clearinghouse

For Use in State Electronics Recycling Law Administration

Section 1: Introduction, objective of the Request for Proposal (RFP), and background documents

1.1 Introduction

The Electronics Recycling Coordination Clearinghouse coordinates activities for members from state governments and other stakeholders who are implementing and complying with state electronics recycling laws. There are 25 states with laws on electronics recycling as mid-2011, and 16 of these require the use of market sales data for some or all of a manufacturer's recycling obligation. In some cases market share is used for the purposes of determining the annual registration fee, and in other cases it sets the manufacturer's overall collection goal for the year. However, all states vary in the number of product categories and market segments covered, as well as the timeframe for the sales period. These states laws therefore require a reliable and cost-effective source of data on the units shipped or sold during a given annual period.

1.2. Objective of the RFP

Market Share Data Analysis

ERCC Electronics Recycling Coordination Clearinghouse

- NCER/ERCC assisted market share acquisition and analysis in:
  - Connecticut, Indiana, Minnesota, New Jersey, Rhode Island, Wisconsin
- Used experience to develop ERCC analysis
  - Comparison of market research firms strength and weaknesses
  - Requirements for market share RFP and/or
  - Self submission database for manufacturers

Collection Site Best Practices

Electronics Recycling Coordination Clearinghouse

Collections Site Best Practices
September 2011

Introduction: This document is intended to harmonize a set of Best Management Practices for collection sites that accept used electronics from covered entities under programs established by state electronics recycling laws. However, the Best Management Practices may also apply and be used by collection sites operating outside of state programs

Collector definition: entities that offer sites for receiving and/or consolidating used electronics prior to sending it to recyclers or consolidators. A collector is not involved in the disassembly, demanufacture or recycling of electronics[1].

Best Practices/Requirements

1. **Compliance**

Comply with all applicable local, state, and federal requirements, including but not limited to environmental, health, and safety requirements;

Be willing to disclose fines received and notices of violation to upstream/downstream partners, such as recyclers, manufacturers, or others if any collection site receives a fine or notice of violation that is not

Performance Measures

ERCC Electronics Recycling Coordination Clearinghouse

ERCC

FOR IMMEDIATE RELEASE
April 25, 2011

Contact: Jason Linnell
Phone: 304-699-1008
Email: jlinnell@electronicsrecycling.org

Electronics Recycling Coordination Clearinghouse Recommends Performance Measures for State Electronics Recycling Programs

Parkersburg, W.Va. – April 25, 2011 –The Electronics Recycling Coordination Clearinghouse (ERCC) is releasing today its set of "best practices" for measuring the performance of state electronics recycling programs. As the number of state, manufacturer, and retailer-sponsored recycling programs has grown, so too has the desire to compare the different approaches to determine which are the most effective.

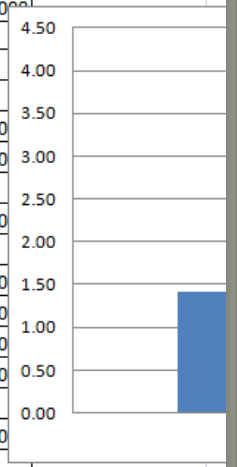
The new ERCC publication, which was developed with input from public and private stakeholder members of the ERCC, addresses this gap by recommending a standard set of metrics that can be used to develop a coherent baseline set of data. The need for harmonized performance measures was identified as the top priority at a workshop held by the ERCC at the September

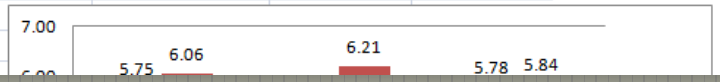
Tracking Per Capita Rates

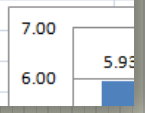
Electronics Recycling Coordination Clearinghouse

G23 | 4.2

	State	Census Projection 2008	Census Projection 2009	Lb/capita 2007	Lb/capita 2008	Lb/capita 2009	Lb/capita 2010	Year Passed	Most recent annual % increase
2	CA	36,756,666	36,961,664	5.11	5.93	5.03		2003/Amended 2004	-15%
3	CT	3,501,252	3,518,288					2007/Amended 2008	
4	HI	1,288,198	1,295,178					2008/Amended 2009	
5	IL	12,901,563	12,910,409				1.41	2007/Amemded 2010	
6	IN	6,376,792	6,423,113					2009	
7	ME	1,316,456	1,318,301	3.52	4.01	6.00		2004/Amended 2007, 2009	50%
8	MD	5,633,597	5,699,478	1.55	2.24	3.05		2005/Amended 2007	36%
9	MI	10,003,422	9,969,727					200	
10	MN	5,220,393	5,266,214		6.34	5.75	6.06	2007/Amended 2009	
11	NC	9,222,414	9,380,884					2007/Amended 2010	
12	NJ	8,682,661	8,707,739					2008/Amended 2009	
13	NY	19,490,297	19,541,453					20	
14	MO	5,911,605	5,987,580					20	
15	OR	3,790,060	3,825,657			4.94	6.21	2007/Amended 2010	
16	OK	3,642,361	3,687,050					20	
17	RI	1,050,788	1,053,209			2.68		2008/Amended 2010	
18	SC	4,479,800	4,561,242					20	
19	TX	24,326,974	24,782,302			0.49		20	
20	VA	7,769,089	7,882,590			0.96		20	
21	VT	621,270	621,760					20	
22	WA	6,549,224	6,664,195			5.78	5.84	2006/Amended 2009	
23	WI	5,627,967	5,654,774				4.20	20	
24	WV	1,814,468	1,819,777					2008/Amended 2010	
25									
26				avg per capita	4.63	3.96	4.75		
27	**Total**	**185,977,317**	**187,532,584**						
28									
29	US	304,059,724	307,006,550						







Tracking Manufacturers Not In Compliance

Electronics Recycling Coordination Clearinghouse

	A	B	C	D	E
1	**Manufacturer**	**Brand**	**Product Type**	**Status**	**State**
2	ABS Computer Technologies	N/A	N/A	Non compliant	Illinois
3	Activant Solutions Inc.	N/A	N/A	Non compliant	Illinois
4	AMT Datasouth Corp.	N/A	N/A	Non compliant	Illinois
5	APH USA, INC.	N/A	N/A	Non compliant	Illinois
6	Archos Technology	N/A	N/A	Non compliant	Illinois
7	Behavior Tech Computer Corp	N/A	N/A	Non compliant	Illinois
8	CBS Corporation	N/A	N/A	Non compliant	Illinois
9	CM licensing, Inc.	N/A	N/A	Non compliant	Illinois
10	Delta Electronics, Inc.	N/A	N/A	Non compliant	Illinois
11	Double Eagle Services, Inc.	N/A	N/A	Non compliant	Illinois
12	Eizo Nanao Technologies Inc.	N/A	N/A	Non compliant	Illinois
13	Electrograph Systems Inc.	N/A	N/A	Non compliant	Illinois
14	Falcon Northwest Computer S	N/A	N/A	Non compliant	Illinois
15	Gammatech Computer Corp.	N/A	N/A	Non compliant	Illinois
16	GVISION USA, INC.	N/A	N/A	Non compliant	Illinois
17	Hansol Technologies Corporat	N/A	N/A	Non compliant	Illinois
18	Hard Drives Northwest	N/A	N/A	Non compliant	Illinois
19	Hyundai IT America Corp.	N/A	N/A	Non compliant	Illinois
20	Initial Technology Inc	N/A	N/A	Non compliant	Illinois
21	International Ally, Inc. (IAI)	N/A	N/A	Non compliant	Illinois
22	K&J	N/A	N/A	Non compliant	Illinois
23	Kenmark Corporation	N/A	N/A	Non compliant	Illinois
24	KONKA America, Inc.	N/A	N/A	Non compliant	Illinois
25	LaCie Limited	N/A	N/A	Non compliant	Illinois
26	Magnell Assoc.	N/A	N/A	Non compliant	Illinois
27	Marantz America, Inc.	N/A	N/A	Non compliant	Illinois
28	Microsel Inc	N/A	N/A	Non compliant	Illinois
29	Microtech Computers, Inc.	N/A	N/A	Non compliant	Illinois
30	Min Maw Intl., Inc.	N/A	N/A	Non compliant	Illinois
31	Miracle Business, Inc.	N/A	N/A	Non compliant	Illinois
32	MiTAC USA, Inc	N/A	N/A	Non compliant	Illinois
33	Mustek, Inc.	N/A	N/A	Non compliant	Illinois
34	Nakamichi Corporation Limite	N/A	N/A	Non compliant	Illinois
35	NCC National Computer	N/A	N/A	Non compliant	Illinois
36	Neso USA	N/A	N/A	Non compliant	Illinois

In Violation-Non Compliant List

Key Documents and Member Resources

ERCC Electronics Recycling Coordination Clearinghouse

COVERED PRODUCTS ACROSS STATE

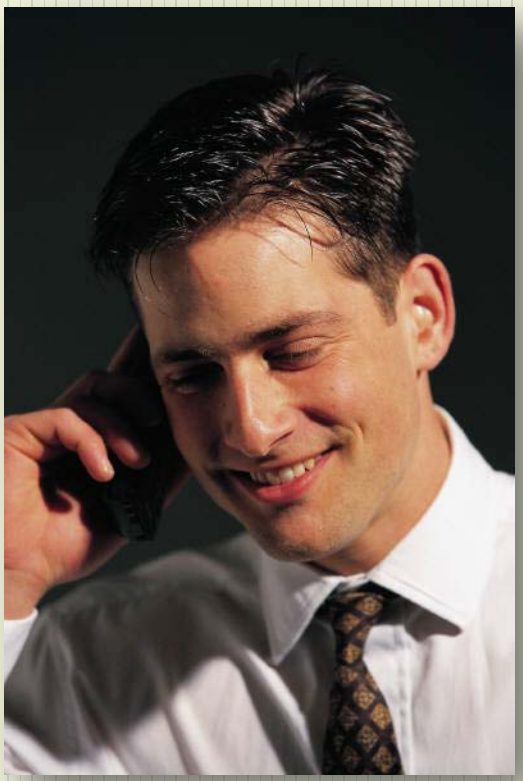
What electronic products can be brought back under state e-cycling laws?

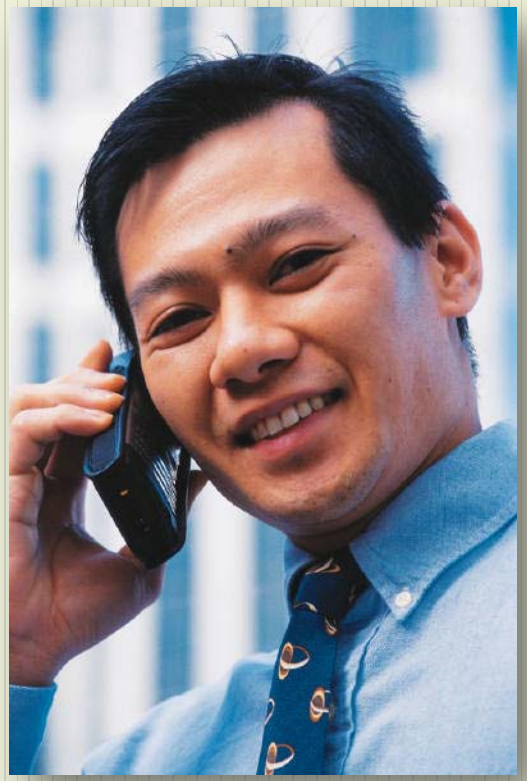
STATE	Computer	Laptop	Monitor	TV	Printer	FAX
California		☑	☑	☑		
Connecticut	☑	☑	☑	☑	☑	
Hawaii	☑	☑	☑	☑	☑	
Illinois	☑	☑	☑	☑	☑	☑
Indiana		☑	☑	☑		
Maine		☑	☑	☑	☑	
Maryland	☑	☑	☑	☑		
Michigan	☑	☑	☑	☑	☑	
Minnesota	☑	☑	☑	☑	☑	☑
Missouri	☑	☑	☑			
New Jersey	☑	☑	☑	☑		
New York State	☑	☑	☑	☑	☑	☑
North Carolina	☑	☑	☑	☑	☑	
Oklahoma	☑	☑	☑			
Oregon	☑	☑	☑	☑		
Pennsylvania	☑	☑	☑	☑	☑	
Rhode Island	☑	☑	☑	☑		
South Carolina	☑	☑	☑	☑	☑	
Texas	☑	☑	☑	☑		

Product Scope | Covered Entities | Manufacturer Registration | Link to State Laws

A Lot of Conference Calls!

ERCC Electronics Recycling Coordination Clearinghouse





Workshops/Presentations

ERCC Electronics Recycling Coordination Clearinghouse

ERCC Electronics Recycling Coordination Clearinghouse

Electronics Recycling Coordination Clearinghouse Harmonization Workshop at E-Scrap 2011

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

2010 Workshop

ERCC Electronics Recycling Coordination Clearinghouse

- Successful roundtable with over 50 participants; voting on priorities

1. Program Goals & Performance Measures - creating a level playing field, judging states without laws, convenience, etc
2. Product Scope – variations among state laws, categorizing new or “gray area” products
3. Recycler Standards – which ones are used, variations across state programs
4. Cross border regulation of recyclers – state managers have no authority to regulate out of state recyclers
5. Data Reporting/Standards
6. Collector Best Practices

Other Conferences
ERCC Representation

ERCC Electronics Recycling Coordination Clearinghouse

- CES 2010 – Launch Press Conference
- E-Scrap 2010 – Presentation on ERCC
- Waste Expo 2010 and 2011 – Presentation
- SWANA NY Forum 2010 - Presentation
- CES 2011 – Manufacturer contacts
- ISRI 2011 Convention - Presentation
- NY Federation - Presentation
- IERCE 2011 – Booth and Session
- E-Scrap 2011 - Presentation

Articles/Press Releases

- "Checking In with the ERCC" E-Scrap News Magazine March 2011
- "E-Waste Disconnect" Waste Age May 2010
- "The Digital Divide" Waste Age May 2011
- ERCC Press Releases on:
  - ERCC Launch – January 2010
  - Workshop – July 2010
  - "Black Friday" and Compliance - November 2010
  - First Year – January 2011
  - Performance Measure - April 2011
  - Workshop – August 2011

What's Next?

ERCC Electronics Recycling Coordination Clearinghouse

We'd Like Your Feedback!

National Center for Electronics Recycling

NERC

Northeast Recycling Council

AGENDA

ERCC Electronics Recycling Coordination Clearinghouse

Members Meeting

October 24, 2011, 1 – 4 p.m.

- Introductions
- ERCC Report to Members: Activities and Accomplishments
- Recap of E-Scrap Workshop Discussion
- Recommended Actions from Workshop and ERCC Projects
  - "Harmonization Work Plan" for Next 12 Months
- Priorities for 2012
- Feedback on ERCC Activities
  - What is most valuable, what can we improve
- Wrap-Up and Next Steps