

State Electronics Stewardship in 2009 and 2010

Presented by:
Jerry Powell
E-Scrap News



E-SCRAP CONFERENCE

PRESENTATION OUTLINE

- **2009 Legislative Summary**

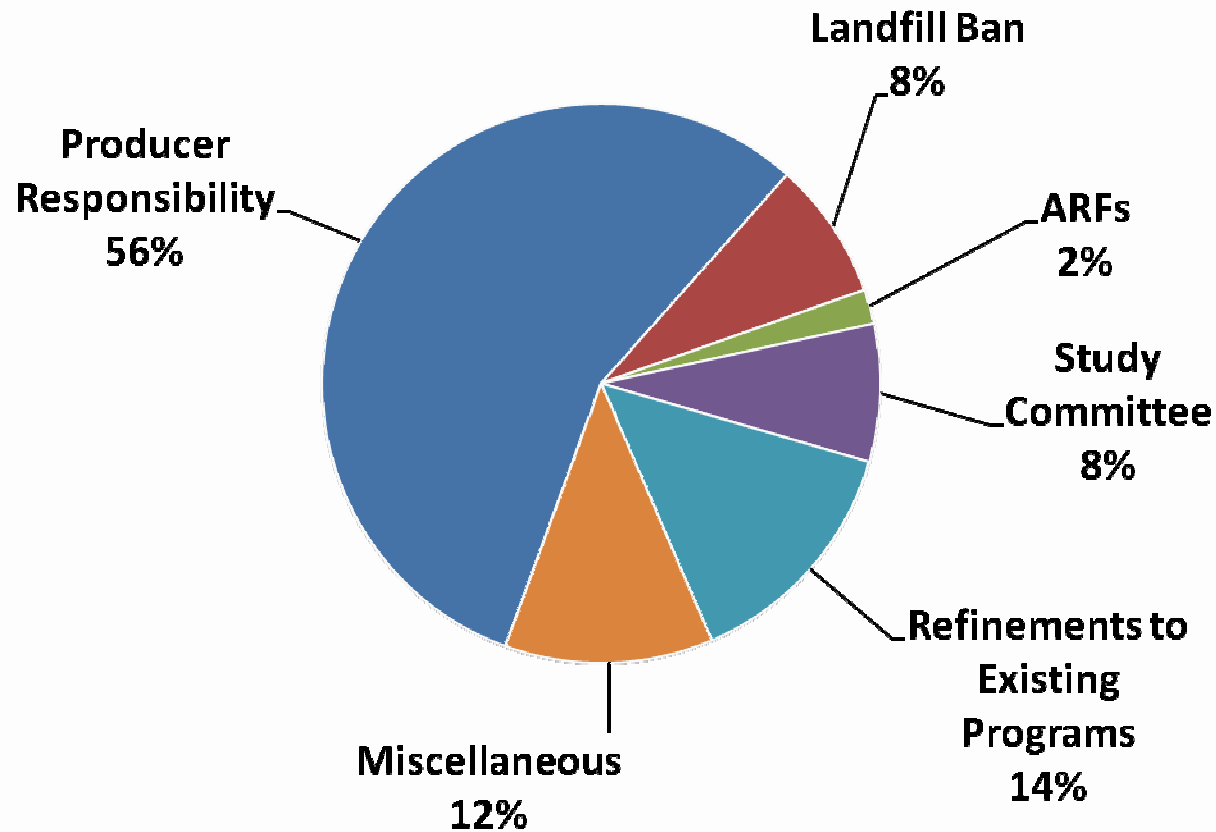
- Study Committee
- Refinements to Existing Programs
- Landfill Ban
- Miscellaneous

- **Producer Responsibility**

- Indiana – HB1589
- Michigan – HB6714/SB897, HB6715/SB898
- Ontario, Canada

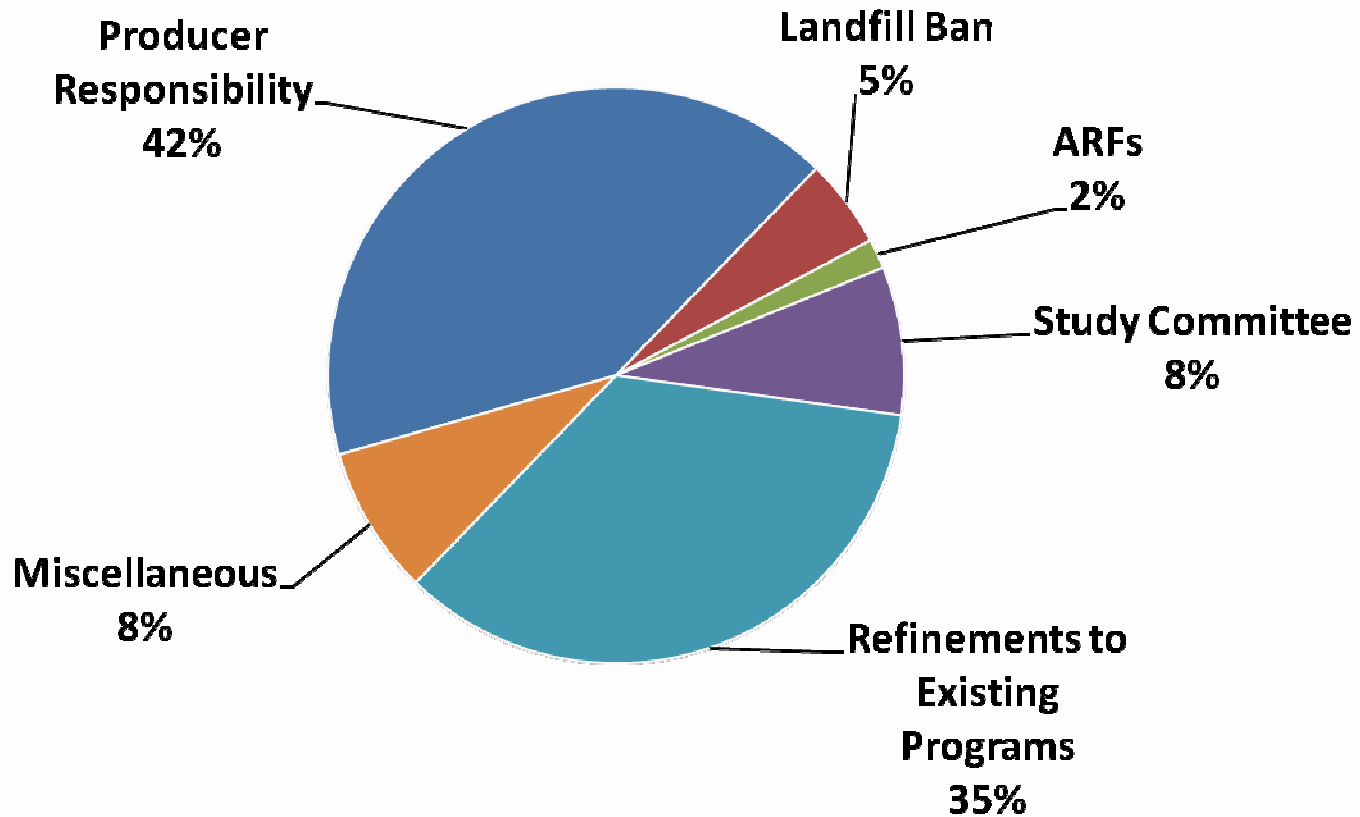
LAST YEAR'S MEASURES

Of the **56** bills proposed in 2008, **17** were enacted.



THIS YEAR'S MEASURES

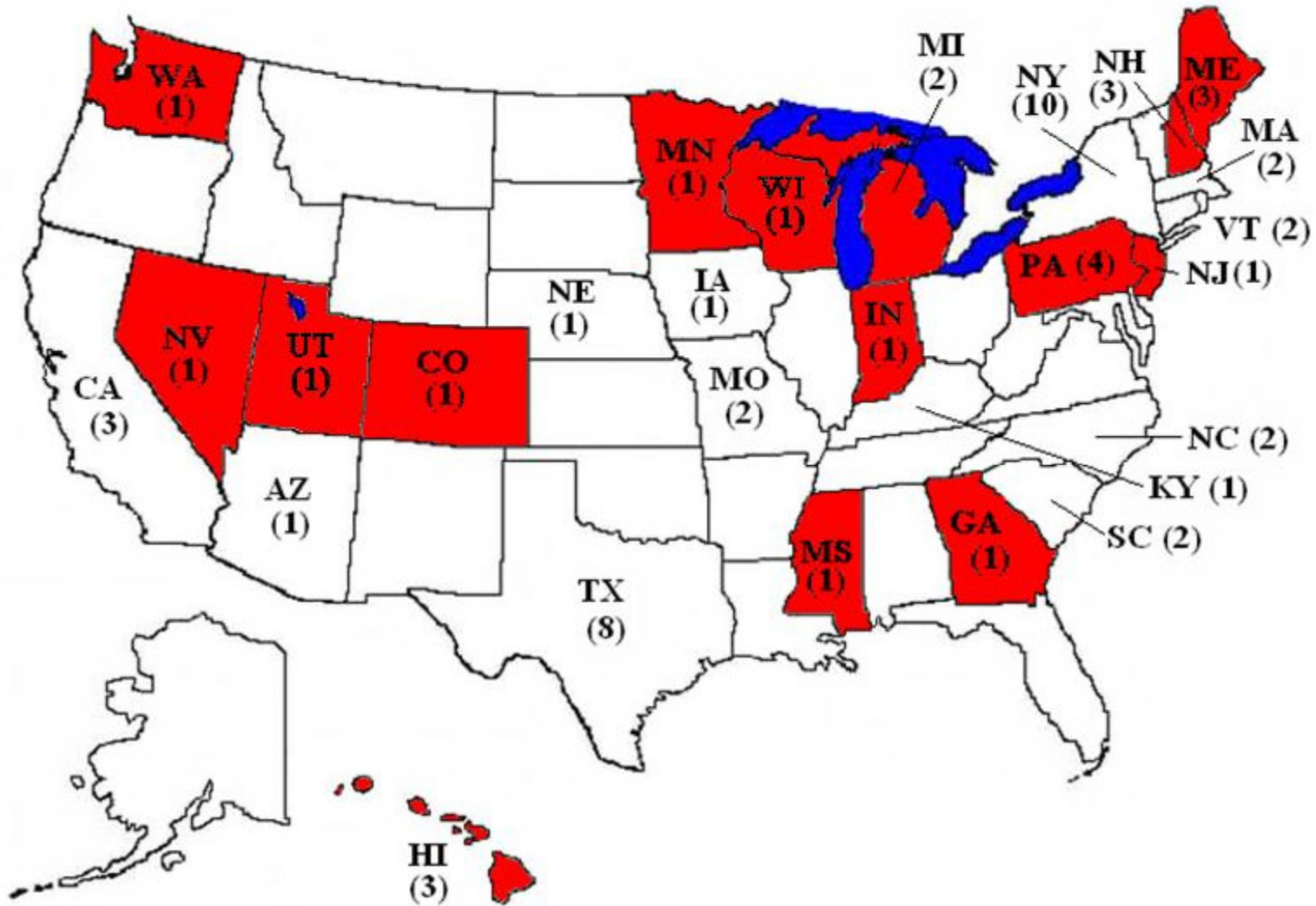
Of the **60** bills proposed thus far in 2009, **16** have been enacted.



COMPARING '08 AND '09

Bill Type	2008	2009
Study Committee	8%	8%
Refinements to Existing Programs	14%	35%
Advanced Recovery Fee	2%	2%
Producer Responsibility	56%	42%
Landfill Ban	8%	5%
Cell Phone Take-Back	0%	3%
Miscellaneous	12%	5%

2009 BILLS BY STATE



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STATUS OF 2009 MEASURES

Bill Type	Passed Bills	Considered Bills	Dead Bills
Study Committee	4	1	0
Refinements to Existing Programs	6	10	5
Advanced Recovery Fee	0	0	1
Producer Responsibility	3	7	15
Landfill Ban	1	0	2
Cell Phone Take-Back	1	0	1
Miscellaneous	1	1	1

BILLS APPROVED IN 2009

Bill Type	State
Study Committee	CO (HB1282), GA (SR83), MS (SB2796) and NV (AB426)
Refinements to Existing Programs	HI (HB1809), ME (LD536, LD1156), MN (SF1486), NJ (A3343) and WA (HB1522)
Advanced Recovery Fee	None
Producer Responsibility	IN (HB1589) and MI (HB6714/SB897, HB6715/SB898)
Landfill Ban	NH (HB338)
Cell Phone Take-Back	PA (HR292)
Miscellaneous	NH (HB423)

BILLS CONSIDERED IN 2009

Bill Type	State
Study Committee	UT
Refinements to Existing Programs	CA, HI, MO, NC, TX
Advanced Recovery Fee	None
Producer Responsibility	KY, MA, NY, PA, VT, WI
Landfill Ban	None
Cell Phone Take-Back	None
Miscellaneous	NH

BILLS THAT DIED IN 2009

Bill Type	State
Study Committee	None
Refinements to Existing Programs	ME, MO, NC, TX
Advanced Recovery Fee	SC
Producer Responsibility	AZ, MA, NE, NY, PA, SC, TX
Landfill Ban	NY, TX
Cell Phone Take-Back	VT
Miscellaneous	NY

BILLS APPROVED IN 2009

STUDY COMMITTEE

CO (HB 1282) – Creates a task force to study the costs and benefits of implementing both a statewide e-scrap recycling program and a landfill disposal ban on devices covered under the plan.

GA (SR 83) – Creates a Senate Study Committee on Green Information Technology to study the collection, recycling and re-use of electronic products, as well as energy conservation programs and initiatives.

BILLS APPROVED IN 2009

STUDY COMMITTEE

MS (SB 2796) – Creates a state review committee responsible for developing a recycling and asset disposition system for state agency-generated obsolete electronic equipment.

NV (AB 426) – Requires the state to study programs for reusing and recycling computers and other electronics.

BILLS APPROVED IN 2009

REFINEMENTS TO PROGRAMS

HI (HB 1809) – Amends current state program by adding televisions to the recycling system. Also, deletes the annual sales of specialized computers provision for manufacturers of electronic devices and requires that all recycling programs for electronic devices be fully implemented and operational by January 1, 2010.

ME (LD 536) – Amends state program to include video game consoles and desktop printers. Also, replaces manufacturer-responsibility provisions with an annual registration requirement.

BILLS APPROVED IN 2009

REFINEMENTS TO PROGRAMS

ME (LD 1156) – Changes the basis for television manufacturers' responsibility for recycling televisions to a market-share basis.

MN (SF 1486) – Amends reporting requirements for video display device manufacturers and retailers, and limits the amount of recycled electronics, which can be applied to future recycling obligations, to no more than 25 percent for any program year.

BILLS APPROVED IN 2009

REFINEMENTS TO PROGRAMS

NJ (A 3343) – Amends program to include used televisions, plus redefines several terms associated with the act.

WA (HB 1522) – Amends state e-scrap program to require that only collectors registered with the state take part in an OEM's program as a collector.

BILLS APPROVED IN 2009

LANDFILL BAN

NH (HB 338) – Establishes a landfill disposal and incinerator ban on computers and video display media recorder/players. Ban took effect June 22, 2009.

MISCELLANEOUS

NH (HB 423) – Develops an outreach campaign to distribute information on recycling, including e-waste.

PA (HR292) – Designated June 2009 as "Cell Phones for Soldiers Month" in Pennsylvania.

BILLS APPROVED IN 2009

PRODUCER RESPONSIBILITY

Indiana (HB 1589)

Michigan (HB 6714/SB 897, HB 6715/SB898)

Ontario, Canada

PRODUCER RESPONSIBILITY

PROGRAM NOTABLES – INDIANA

Targets the recovery of video display devices generated by households, public schools, and small businesses, including televisions, computers, computer monitors, peripherals, fax machines and DVD and VCR players.

Requires OEMs to recycle at least 60 percent of the total weight of all devices sold during the most recent 12-month period for which national sales data is available.

Establishes a landfill and incinerator ban.

PRODUCER RESPONSIBILITY

PROGRAM NOTABLES – MICHIGAN

Require OEMs to institute a take-back program for such electronics as desktop and laptop computers, computer monitors, and video display devices with a viewable area larger than four inches, beginning April 1, 2010. Printers will be added to the system the next program year.

Creates an Electronic Waste Advisory Council.

PRODUCER RESPONSIBILITY

PROGRAM NOTABLES – ONTARIO

Non-profit Ontario Electronic Stewardship launched the first phase of the take-back program April 1, 2009.

Allows residents to deliver CEDs to over 100 drop-off sites located throughout Ontario, or at established collection events, free of charge.

Electronics covered under Phase 1 include desktop and portable computers, computer peripherals, monitors, televisions and select printing devices.

BILLS SO FAR IN 2010

Fifteen bills have been introduced or carried over from 2009:

- 11 in New York (9 EPR, and landfill bans on batteries and consumer electronics)
- two in Massachusetts
- bills to tweak the existing programs in Hawaii and Illinois

CONTACT INFORMATION

FOR ADDITIONAL DETAILS, CONTACT:

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The logo for the E-Scrap Conference is located at the bottom of the slide. It features the text "E-SCRAP CONFERENCE" in a bold, sans-serif font. The "E" is black with a small orange triangle pointing to the right. "SCRAP" is in black, and "CONFERENCE" is in orange. The text is set against a background of a dense, pixelated pattern of small orange and black dots.

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CRT Recycling in Florida

1. Display trends in CRT volumes (now and the future)
2. Describe the current infrastructure in the state
3. Estimate current processing capacity and determine if the industry can handle additional volumes.
4. Discuss how current practices can be improved.

CRT Recycling in Florida

I: Research

Surveyed 14 counties, four processors and one donation center operator.

Sought data on recovery levels and practices in 2007 and 2008.

CRT Recycling in Florida

Findings

Counties:

- drop-off prevailed (two used curbside)
- relatively flat volumes year-over-year
- cost to the county of \$1-\$10 per unit (more for TVs)
- no charge to residents

Processors:

- receive far more monitors than TVs
- charge \$3-7 per unit or 15-50 cents/pound

CRT Recycling in Florida

II: Estimate future volumes

This work is based on EPA data, using materials balance and flow modeling.

The assessment looked at sales and end-of-life options for the period of 1985-2020.

CRT Recycling in Florida

Result

Spreadsheet model can be used for any specific locale or region.

It can be used to analyze the impact of a policy change.

Useful for local government officials, recycling processors and brand owners.

CRT Recycling in Florida

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