



Connecticut Department of Energy and Environmental Protection



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

Comprehensive Materials Management Strategy (CMMS)

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RCRA Hazardous Waste Advisory Committee



Connecticut Department of Energy and Environmental Protection



CT's Comprehensive Materials Management Strategy

An update of the 2006 Statewide Solid Waste Management Plan



The Comprehensive Materials Management Strategy (CMMS) is a clear, action-oriented roadmap to achieving the state's vision for 60 percent diversion of materials from disposal by 2024. It fulfills the requirements set by the Legislature in [Public Act 14-94](#), and when adopted, it will replace the state's current [Solid Waste Management Plan](#), which was last updated in 2006.

[DRAFT Copy of the Comprehensive Materials Management Strategy \(CMMS\)](#)

[Brief Summary of CMMS Highlights](#)

The past decade has seen significant changes in the state's materials management system, including new recycling mandates, new product stewardship programs, and changes in the economics of waste-to-energy and recycling. The CMMS accounts for these changes, as well as drawing on recent studies of the statewide composition of Municipal Solid Waste (MSW) and Construction and Demolition Waste (C&D). It builds on several years of planning work conducted by DEEP in partnership with the Legislature, including integrating recommendations of the 2010 LPRI report [Municipal Solid Waste Management Services in Connecticut](#), and those of the [Governor's Modernizing Recycling Working Group](#), and the [Resources Recovery Task Force](#).

All of the actions called for by the CMMS are aimed directly at achieving the state's goal of 60 percent diversion from disposal by 2024. It is a bold plan focused on meeting three objectives that are fundamental to achieving the state's goal:

- Connecticut must improve the performance of municipal recycling systems and increase compliance with mandatory recycling provisions.

- Connecticut must develop and improve recycling and waste conversion technologies.



60% Diversion by 2024

- Improve performance of municipal recycling systems and increase compliance with mandatory recycling laws
- Support development and improvement of recycling, reuse, conversion, and disposal infrastructure
- Encourage corporations that design, produce, and market products to share responsibility for stewarding those materials in an environmentally sustainable manner aka Extended Producer Responsibility “EPR”



SOURCE REDUCTION

RECYCLING

COMPOSTING

ENERGY
RECOVERY

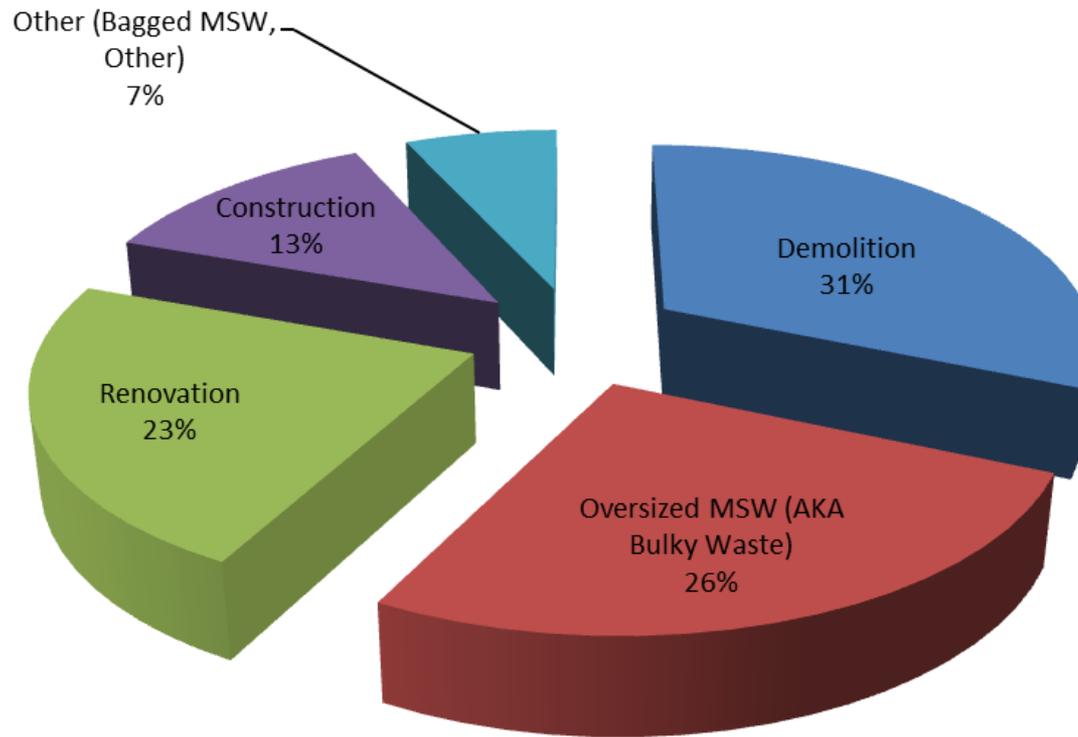
LANDFILL
INCINERATION



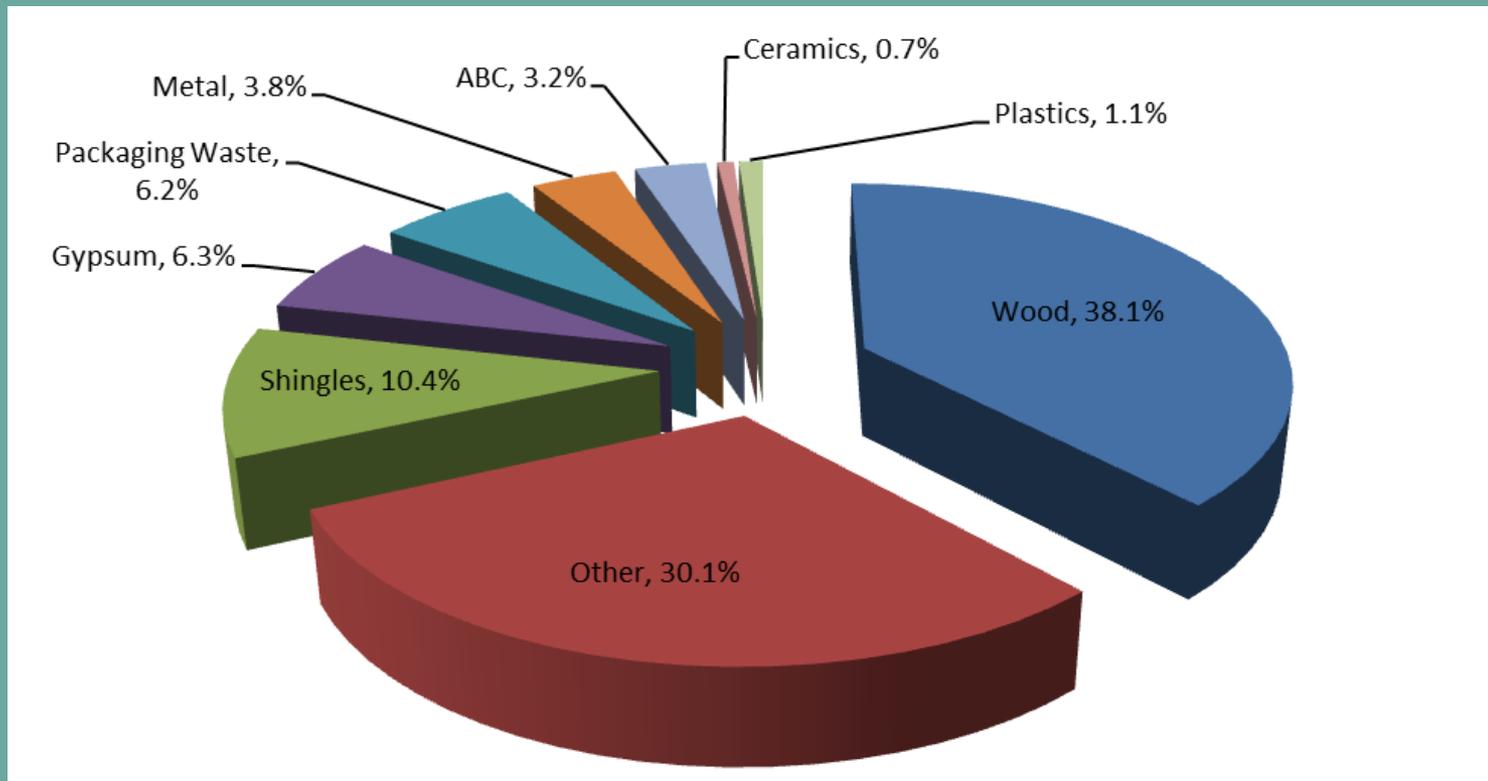
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C&D Characterization Audit

Inbound Waste Loads Observed - By Category



C&D Characterization Audit



Increase Material Diversion/Recycling

*Construction and Demolition Waste
Characterization and Market Analysis*

CT-Wide Generation Based on Waste Load Observations

Material Category	Percentage	Tonnage
Wood	38.1%	397,204
Other (Bulky Waste)	30.1%	313,110
Shingles	10.4%	108,131
Gypsum	6.3%	65,951
Packaging Waste	6.2%	64,831
Metal	3.8%	40,085
ABC	3.2%	33,398
Ceramics	0.7%	7,752
Plastics	1.1%	11,180
	100%	1,041,643



> 30% = Oversized MSW



Out-of-State Disposal (82%)

*Construction and Demolition Waste
Characterization and Market Analysis*

Disposal

Disposal Location by State	Total (Tons)	Percentage
Connecticut	158,593	17.9%
Ohio	494,633	55.9%
New York	122,357	13.8%
Massachusetts	52,985	6.0%
Pennsylvania	44,115	5.0%
Rhode Island	6,036	0.7%
Virginia	2,595	0.3%
Maine	2,824	0.3%
"Unidentified Location"	19	0.0%
Total	884,157	100.0%



Reduce, Reuse, Restore & Recycle

- Clean Wood (Pallets, Brush, Untreated Lumber)
- Metals (Ferrous, Non Ferrous)
- Aggregates (Asphalt, Brick, Concrete - “ABC”)
- Paper (Cardboard, Boxboard, Books, Mixed)
- Plastics (Pails, Pipes, Film, Tiles, Packaging, Toys)
- Gypsum Wallboard
- Asphalt Roofing Shingles
- Renovation Materials (Doors, Windows, Ceiling Tiles, Countertops, Cabinets, Fixtures)
- Textiles (Clothing, Bedding, Stuffed Toys, Carpet)





The ReCONNstruction Center

A Green Charitable Organization (501 c-3)



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Questions?



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www.ct.gov/DEEP/CMMS



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