



CT Chapter, NWRA
Task Force To Study Methods For Reducing
Consumer Packaging That Generates Solid
Waste

September 2017

Scope & Size of Industry



Vibrant Industry Serves Connecticut

- Size of CT Recycling and Waste Industry
- 6,000 direct jobs
- 19,000 jobs - *cumulative with our industry and related industrial/commercial activity*
- \$ 1.8 billion direct economic impact
- \$ 3.4 billion economic impact - *cumulative with our industry and related industrial/commercial activity*

Key Industry Findings



CT has a vibrant recycling and waste industry; the state should support and incentivize its robust recycling infrastructure to meet its needs.

CTs system has produced a 35% diversion rate; with only 17% of designated recyclables in trash

CT should revisit its 60% diversion of MSW from disposal goal

Key Industry Findings



- CTs current collection and processing system produces quality recyclables for markets
- The costs for recycling services in CT are reasonable and competitive.
- CT should focus on recycling behavior of all generators -- improve education and enforcement

Key Industry Findings

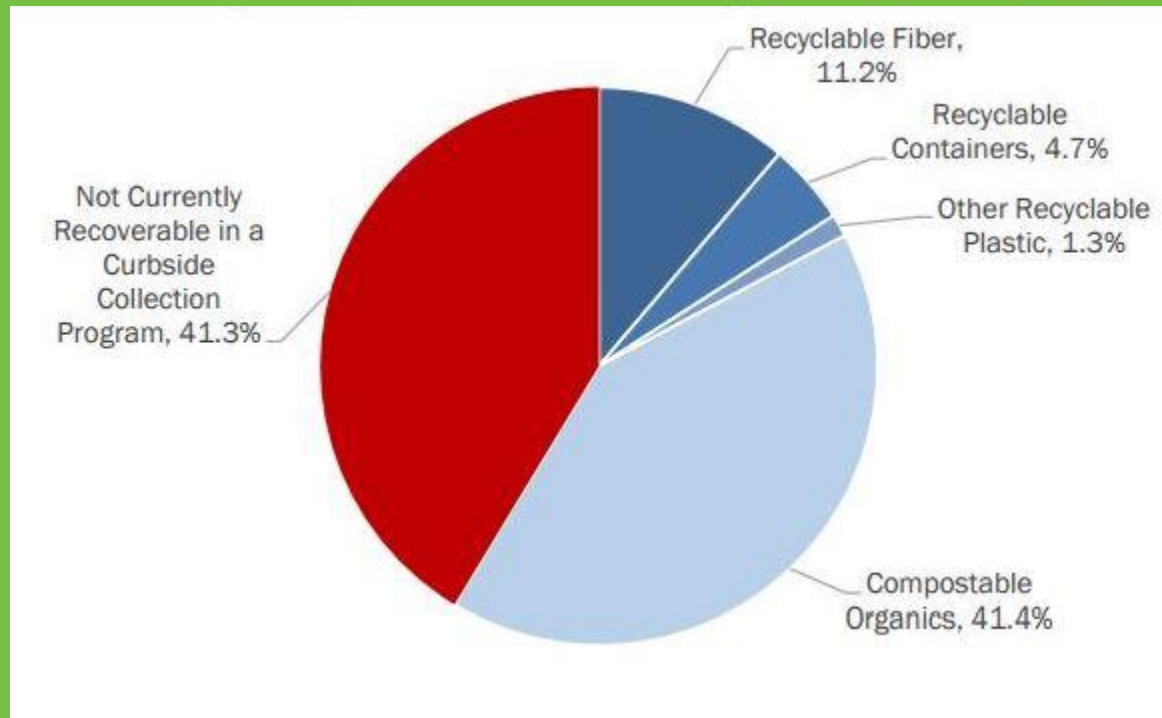


- Big City Blues – CTs largest cities are underperforming with diversion and recycling programs

Overview/Snapshot of Waste Disposed



- *Source: Final DEEP MSW Characterization Study, 2015*

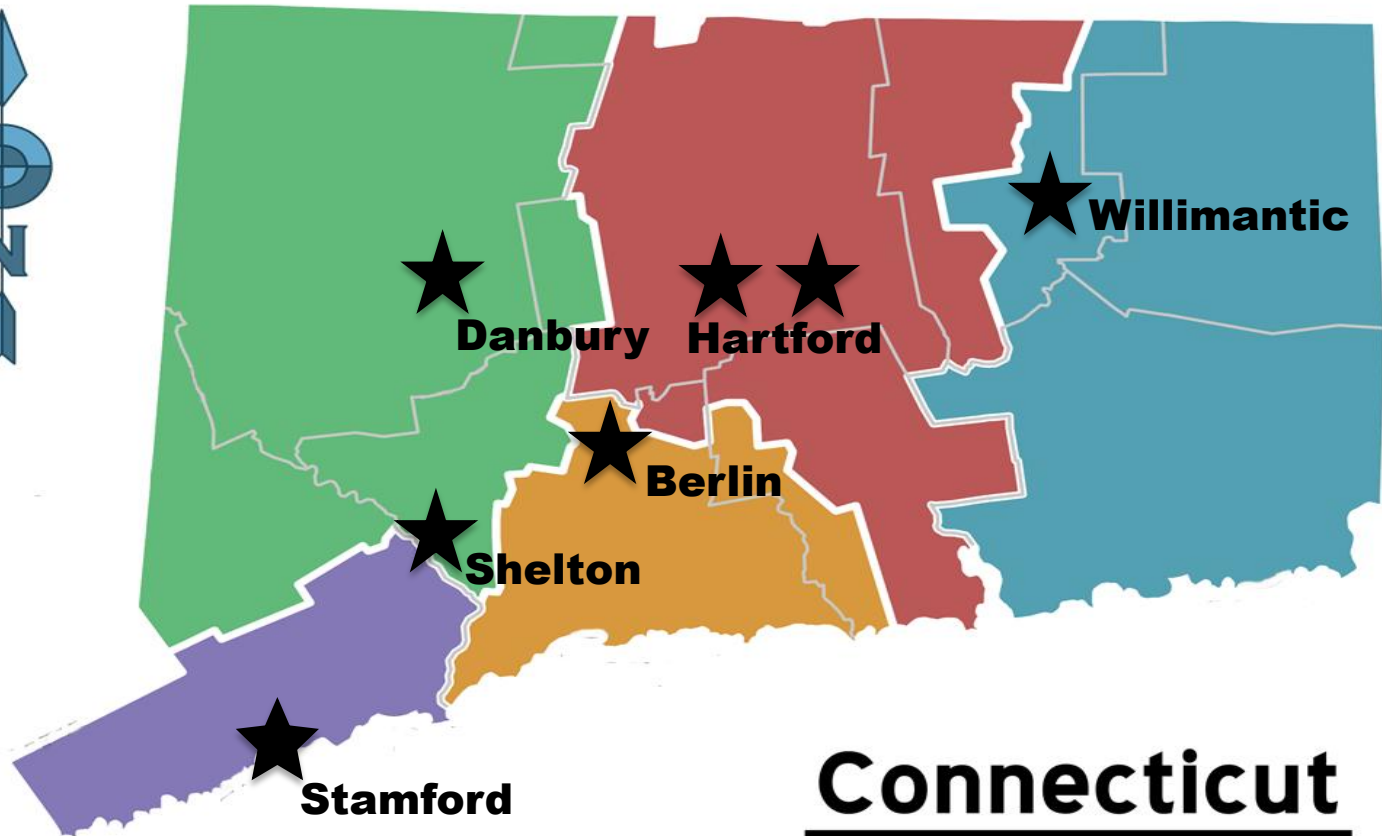


Diversion Goal



- Reasons why current diversion goal should be reconsidered:
- Waste generation projections were off
- Policy did not account for light weighting, source reduction, material generation trends
- Policy was made with data set that are challenged by data now available

Recycling Facility Infrastructure



Recycling Facility Infrastructure



Berlin	Murphy Road Recycling	private
1,000tpd		
Danbury	Winters Brothers	private
500tpd		
Hartford	MIRA	public
560tpd		
Hartford	Murphy Road Recycling	private
1,170tpd		

continued...

Recycling Facility Infrastructure



Shelton	Winters Brothers	private
600tpd		

Stamford	City Carting	private
450tpd		

Willimantic	Willimantic Waste	private
815tpd		

TOTAL:	5,095tpd	
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Quality Recyclables Produced



Quality Recyclables Produced



Recycling Costs



- CT citizens, communities and businesses pay reasonable, competitive and low costs for recycling services
- The towns of Manchester, South Windsor, West Hartford and Wethersfield pay less than \$40 per year for every other week collection and processing, (not including rebates)

Recycling Costs



- MMBC costs, in British Columbia are \$432.00 CN per tonne, for collection, processing and marketing of recyclables, as noted at the August 31st Task Force hearing
- An average similar estimated cost comparison for the four CT towns is about \$100 per ton, not including rebate

Moving the Needle Positively



- The diversion of recoverable materials from disposal gap in CT is not due to any statutory or regulatory shortcoming
- State needs to focus on education and enforcement of all generators

Big City Blues



- *Recycling/Diversion Rates – CTs Big Cities*

• Stamford	37%
• Hartford	20%
• New Haven	16%
• Bridgeport	15%
• Waterbury	11%

- *Source: CT DEEP SERA 2015 Draft Report*

Moving the Needle Positively



- The following summarizes and reinforces our recommended actions for the Task Force
- Reduce the 17% of designated recyclables disposed; conduct waste characterizations
- Conduct periodic characterizations of the remaining waste stream for recoverables

Moving the Needle Positively



- The current diversion rate goal should be revisited; modified; and use new data sets when studied
- Bigger, more attainable diversion from disposal gains are likely to come from organics and construction & demolition debris, than packaging and curbside materials

Contact Information



FOR MORE INFORMATION:

Steve Changaris

800 679 6263

www.wasterecycling.org

schangaris@wasterecycling.org