



**AMENDING SW AND RECYCLING
REPORTING REQUIREMENTS &
PRELIMINARY FY2008 CT MSW
DATA**

CURRENT RECYCLING & SOLID WASTE REPORTING for the SOLID WASTE DATABASE



- SW Facilities Report Quarterly to DEP – Data by Month
 - Tons
 - Received (by type of waste, by town or solid waste facility or origin)
 - Marketed (by material type by destination)
 - Disposed (by material type by destination)
 - Reporting Facilities
 - C&D Volume Reduction Facilities
 - Transfer Stations
 - Resource Recovery Facilities (WTE) - also required to report to municipalities pursuant to CGS 22a-208e
 - Landfills - also required to report to municipalities pursuant to CGS 22a-208e
 - Scrap Metal Dealers (tons received from political subdivisions) also required to report to municipalities pursuant to CGS 22a-208f
 - Recycling Facilities - also required to report to municipalities pursuant to CGS 22a-208e
- Municipalities – Annual Municipal Recycling Reports

SOLID WASTE DATA USE



Solid Waste Data Collected by DEP is used for:

❑ Solid waste projections and related planning and program evaluation on – state, municipal, regional and levels

- Track progress towards meeting 2006 SWMP recycling/source reduction target of 58% by FY2024
- Assessing effectiveness of specific recycling/source reduction efforts – on a state and municipal level
- Planning disposal and recycling capacity

❑ Calculating environmental benefits of recycling and source reduction



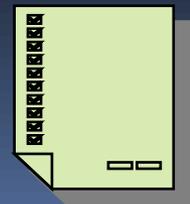
❑ Providing data to facilitate decisions regarding location in the state or region of solid waste or recycling facilities and manufacturing facilities looking for recycled feedstock

❑ Assurance of compliance with solid waste statutes, regulations, and permit requirements



First Steps toward Minimizing Duplicative SW Reporting Requirements

- As recommended in the December 2006 CT State Solid Waste Management Plan and as discussed at spring and fall 2007 meetings of the SWAC Subcommittee on Solid Waste and Recycling Database Management,
- The *first steps* have been taken to minimize duplicative solid waste reporting requirements.
- Starting with the FY2009 report, annual municipal recycling reporting has been changed to make it **less duplicative and hopefully less burdensome. If indicated, additional steps will be taken to further streamline solid waste reporting requirements**





New Version of Annual Municipal Recycling Report

- Municipalities will no longer have to report the tons of:
 - Bottles, cans, and paper delivered to a CT permitted solid waste or recycling facility
 - MSW disposed delivered to a CT permitted solid waste facility
 - New section – for municipalities to provide a description of municipal efforts to promote and enforce local recycling requirements.
 - [Link](#) to form on the DEP
- 

For this to work SW facilities and haulers will need to be extra vigilant about accurately reporting the origin of all MSW and recyclables delivered to a CT SW facility as:

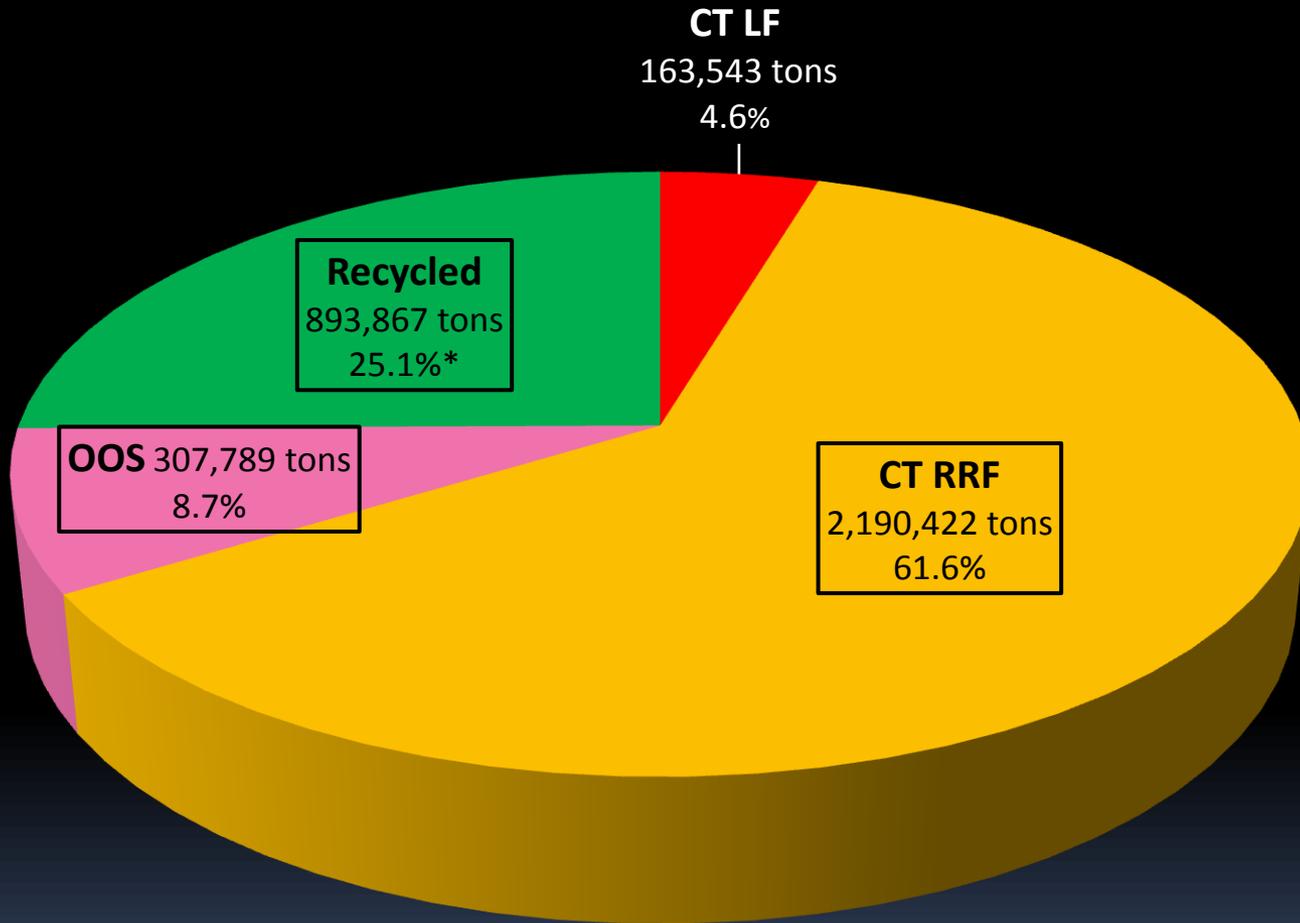
- The regional SW facility of origin – For material delivered to the facility from a regional SW facility; or
- CT town of origin – For material generated in CT and delivered directly to the facility without first passing through a regional solid waste facility; or
- State of origin – For material not generated in CT and delivered directly to the facility without first passing through a regional solid waste facility.



Preliminary FY2008 CT MSW Tonnage Figures



DRAFT FY2008 – CT MSW STATS



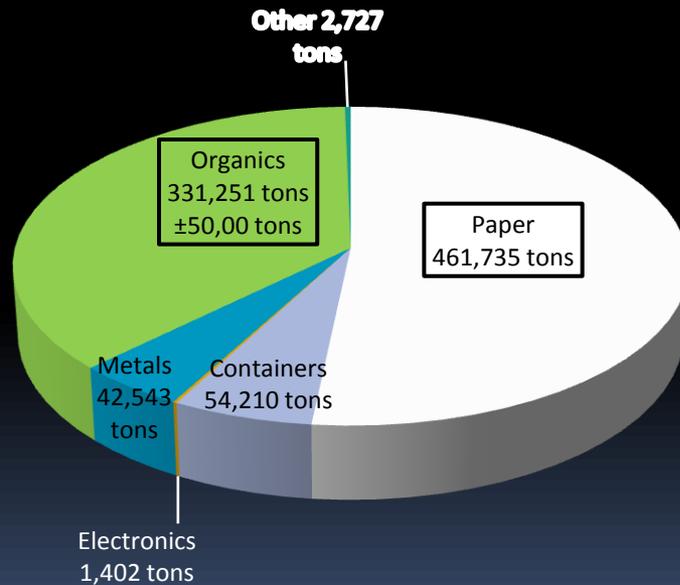
* Recycling/source reduction rate would be about 26.3% if estimates for tonnage of organics home composted and/or grasscycled were included. Recycled tons do not include glass aggregate used as daily landfill cover.

MSW Recycled

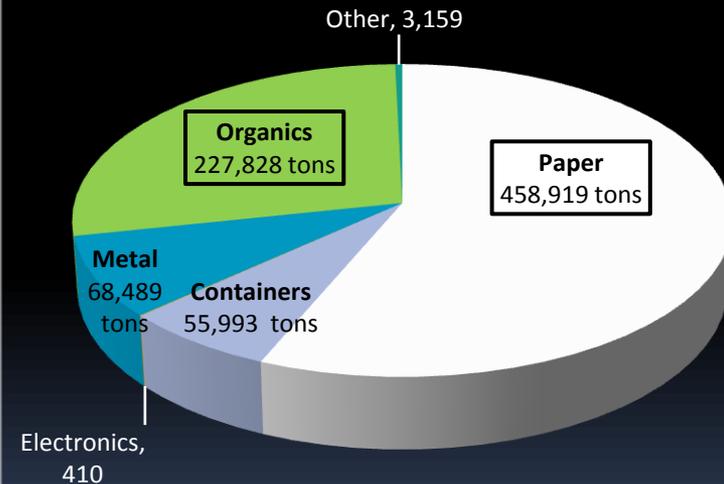
Based on Reported Tonnages by CT SW facilities and CT municipalities – no estimates for bottle bill material, additional commercial tonnages, etc.

FY2008 – Preliminary Data

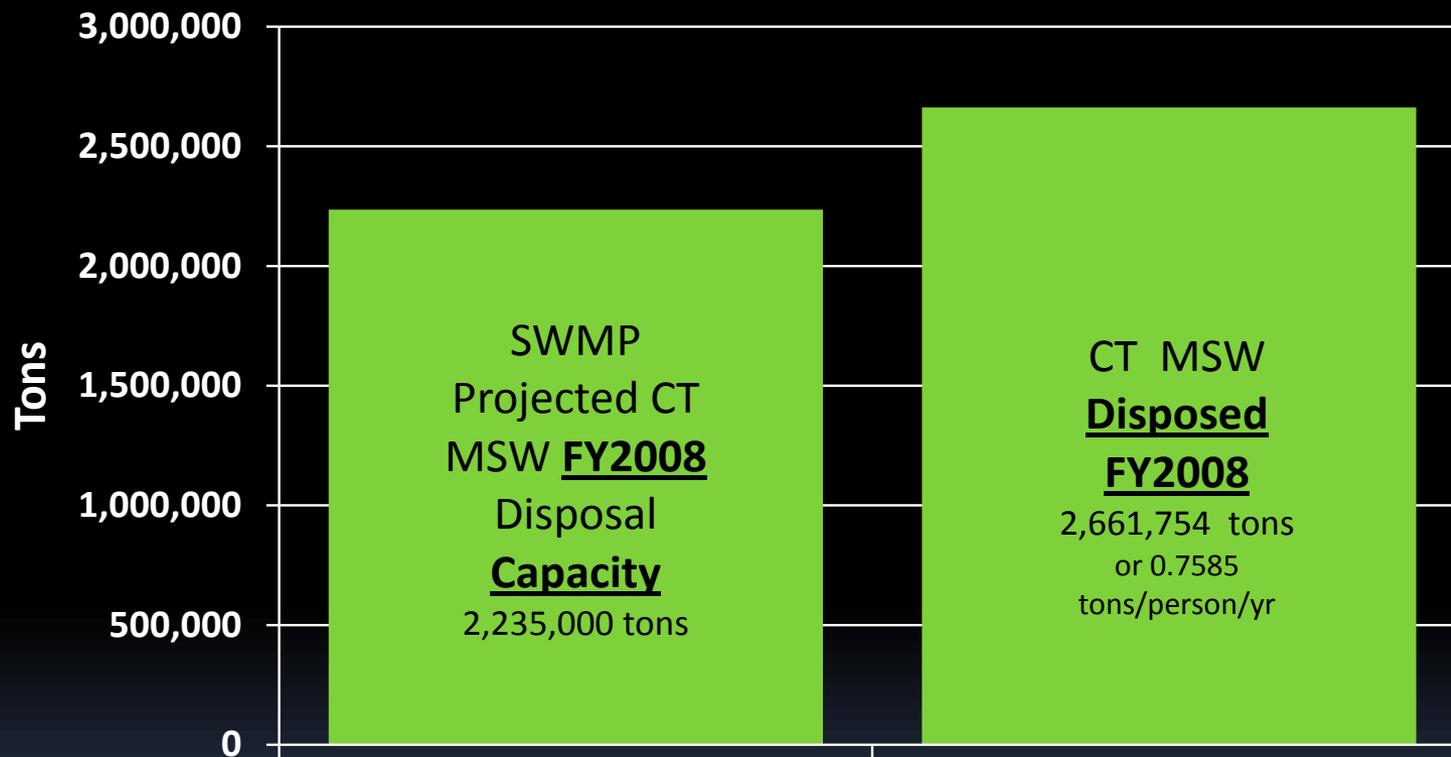
Organics figures require further analysis



FY2004



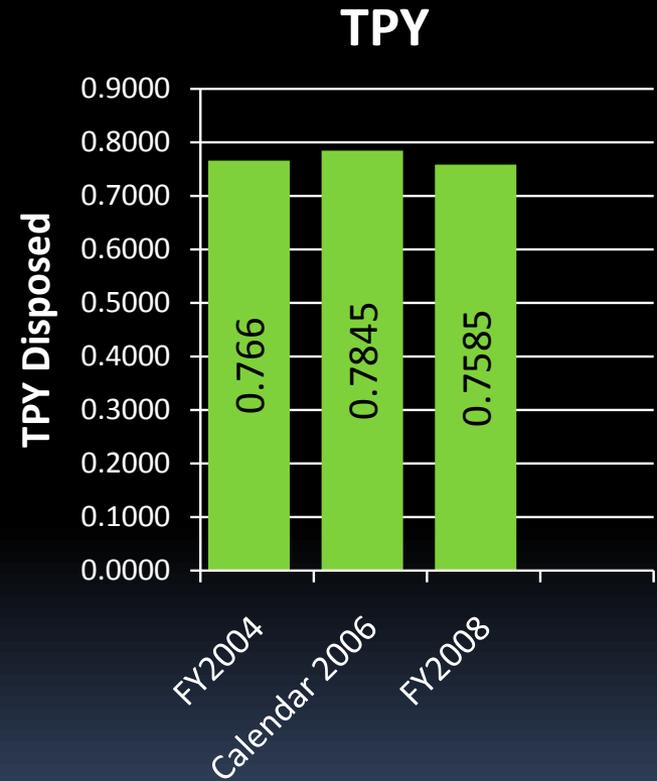
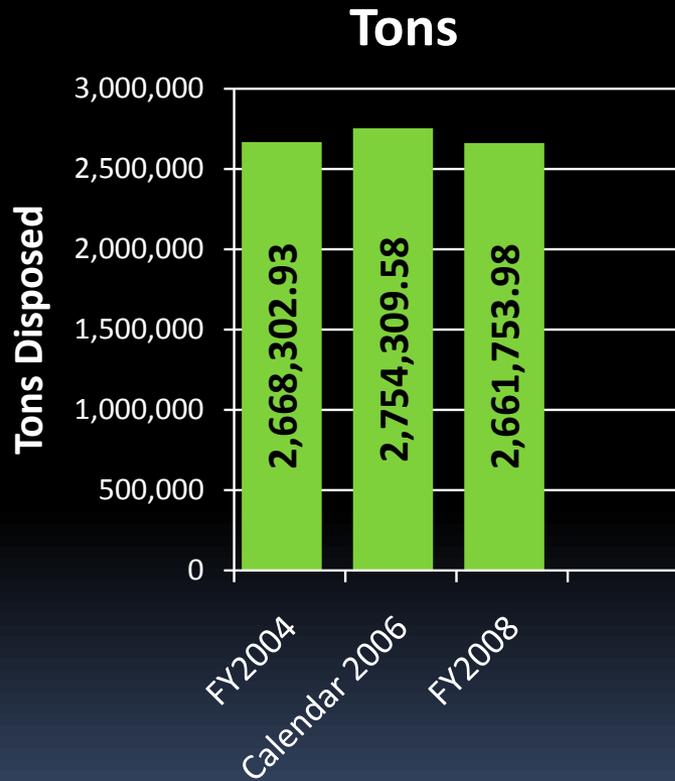
Tons CT MSW Disposed FY2008 vs SWMP Projections for CT MSW Disposal Capacity in FY2008



Based on CT MSW disposal capacity projections presented in the Dec 2006 State SWMP ([Appendix J](#)) CT would need to dispose of less than 2,210,000 tons of MSW by 2024 or less than 0.6 tons/person/yr (using [US Census projected population figures for CT for 2024](#)) for CT to have adequate in-state MSW disposal capacity in FY2024.

CT MSW Disposed FY2004, CY2006, FY2008

Based on Reports Submitted to the CT DEP by CT SW Facilities



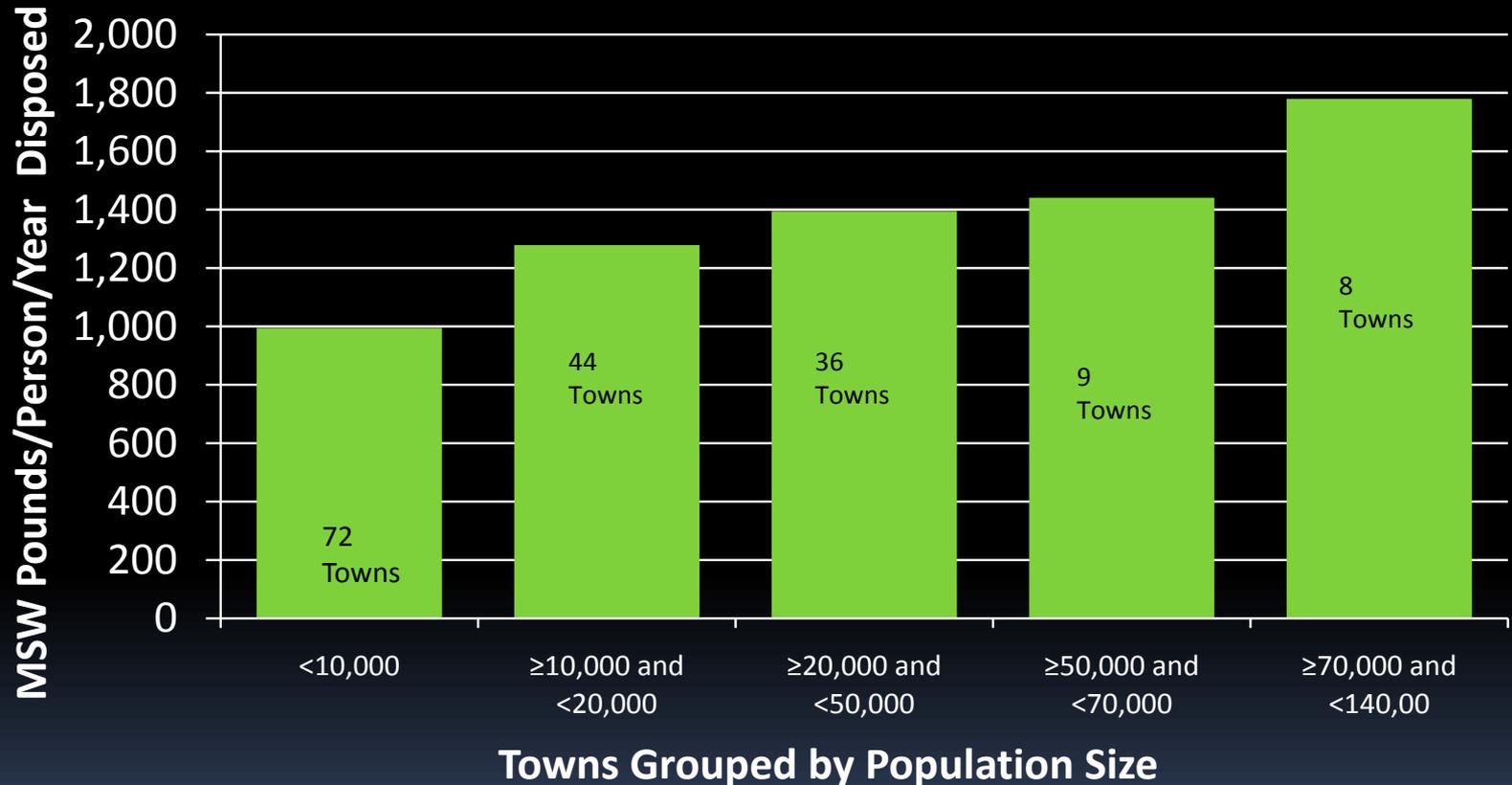
Tons CT MSW Estimated Disposed Out-of-State

(Does not include additional MSW reported received by PA (~ 30,000 tons in FY2008) and Ohio LF's from CT but not reported on quarterly SW facility reports submitted to DEP.)



CT MSW Disposed FY2008 – Average Pounds/Person/Yr – Grouped by Size of Town Population

MSW (Res+NonRes) Disposed FY2008 – Pounds/Person/Year



- CT MSW Waste Characterization Study– Interim Report (June 2009) Estimated that Approximately 40% of CT Disposed MSW was Generated by the Non-Residential Sector and 60% was Generated by the Residential Sector.
- MA towns with PAYT (SMART) have an average residential MSW disposal rate of 512 pounds/person/year.

1. SW Reporting Issues that Need to Get Resolved – Origin of MSW & Recyclables

• Accurate Reporting of Origin of MSW and Recyclables Received by Reporting SW Facilities –

- Haulers must be given the opportunity when passing over the facility scales to indicate the origin of the MSW and recyclables they are delivering as either:
 - The regional solid waste facility from which they are delivering the MSW; or
 - If not being delivered from a regional solid waste facility – then:
 - The CT municipality in which the MSW was generated (estimate if load contains MSW from more than one town); or
 - The state in which the MSW was generated (if not CT)

2 - Tons of MSW and Recyclables Delivered Directly to a Non-Reporting Destination

- In order to get accurate data regarding CT MSW disposed (and recycled) – haulers will need to provide information to municipalities or DEP regarding:
 - MSW hauled directly out-of-state for disposal – i.e. not first passing through a CT permitted SW facility (i.e. transfer station, VRF, etc) –
 - Recyclables hauled directly to a non-reporting entity without first passing through a CT permitted SW facility.
 - Current legislation i.e. CGS 22a-208e(c), requires reporting by haulers or municipalities of recyclables hauled directly out-of-state - not being complied with.

3 - Tons of MSW Disposed – Residential vs NonResidential

- Difficult to assess success of various waste reduction strategies to increase source reduction and recycling unless we have figures for residential vs non-residential MSW disposal figures .
- Also need residential vs non-disposal tonnage data for SW planning on a state and local level.

4 - Tons Recyclables Collected vs Tons of Recyclables Actually Recycled

- Need to clarify and resolve the issue of basing recycling rates on the amount of material collected for recycling vs the amount of such material which actually gets made into a product.
 - More accurately tracking residue produced at both CT SW facilities processing the recyclables as well as at destinations receiving the material from CT SW facilities.

5 - Future Changes

- Data Summaries on the CT DEP Website
 - Anticipate this Will Happen Sometime this Summer
- Electronic Reporting – WE NEED IT!!!! - WE WANT IT!!!!
 - Hoping to provide SW facility quarterly reporting fillable forms on the DEP Website – some time this fall.
 - True electronic reporting is not available yet.



Solid Waste Data Analysis and Reporting

Anyone Interested in Meeting on Topics Related to Solid Waste and Recycling Reporting or Analysis Please Contact:

Judy Belaval at:

(860) 424-3237 or

Judy.belaval@ct.gov

THANK YOU!!!!

