

MassDEP C&D Subcommittee

Via Zoom Webinar

May 18, 2023

10:00 AM to 12:00 PM



Agenda

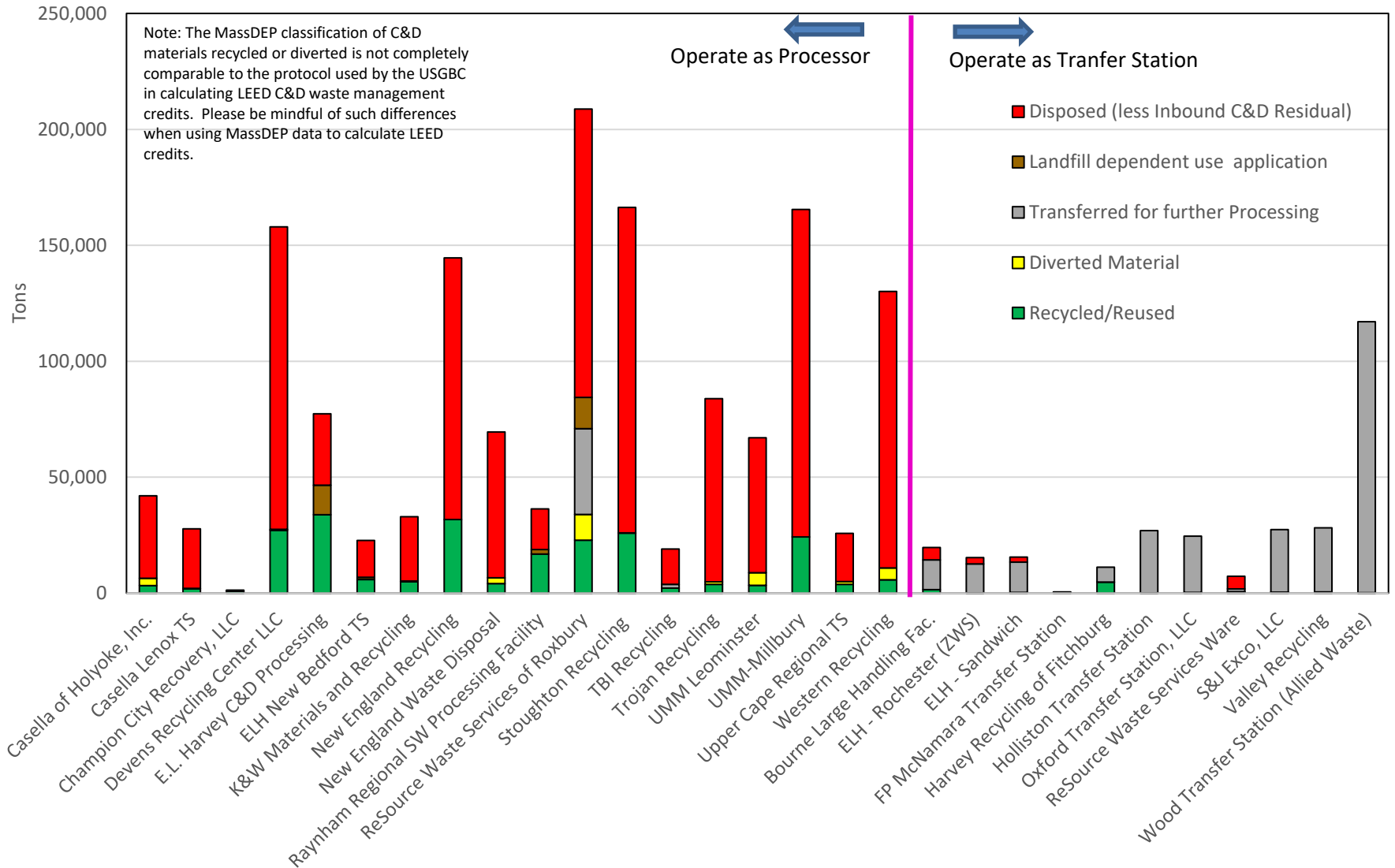
- Welcome/Introductions
- CY2022 C&D annual report data
- C&D Facility MPS Compliance Status
- Updated C&D webpage format
- C&D Industry Updates (Wood Markets)
- Open Discussion

SUMMARY OF CY2022 C&D ANNUAL REPORT DATA

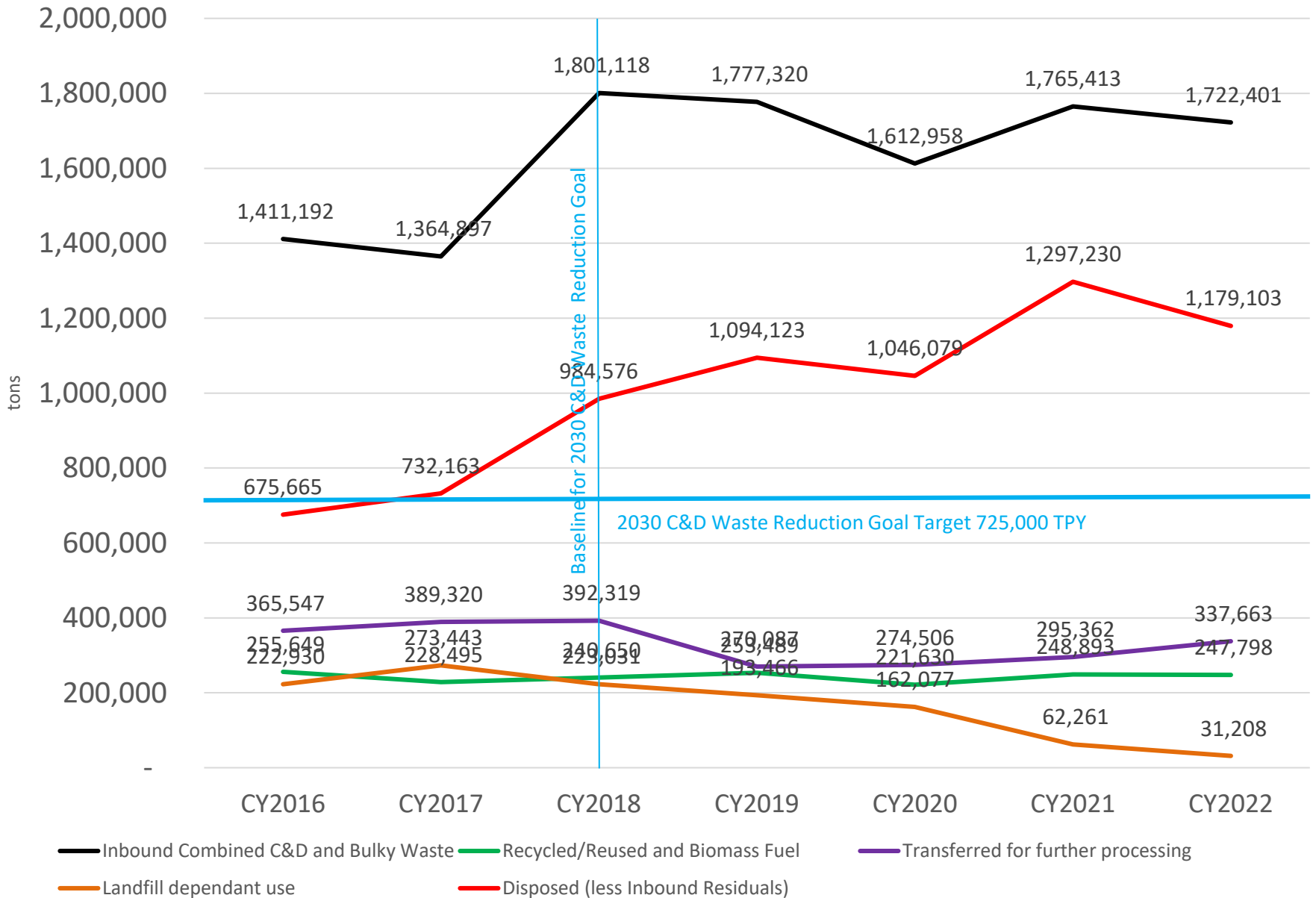
<https://www.mass.gov/doc/2022-annual-cd-report-data-summary/download>

- Massachusetts C&D Handling Facilities - Disposition of C&D Materials Handled by Facility in 2022*

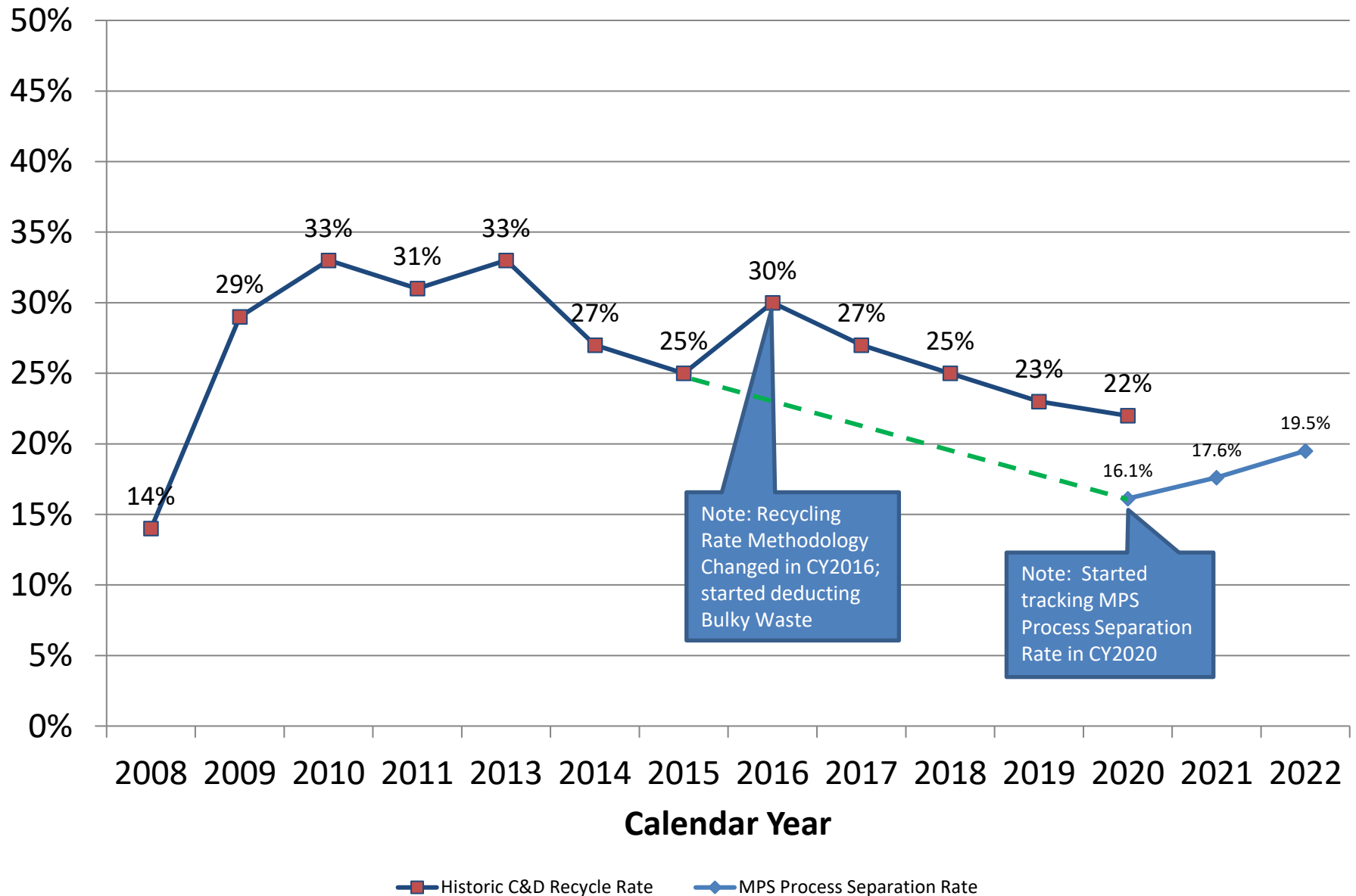
*Quantities are "as reported" to MassDEP in CY2022 C&D Annual Facility Reports



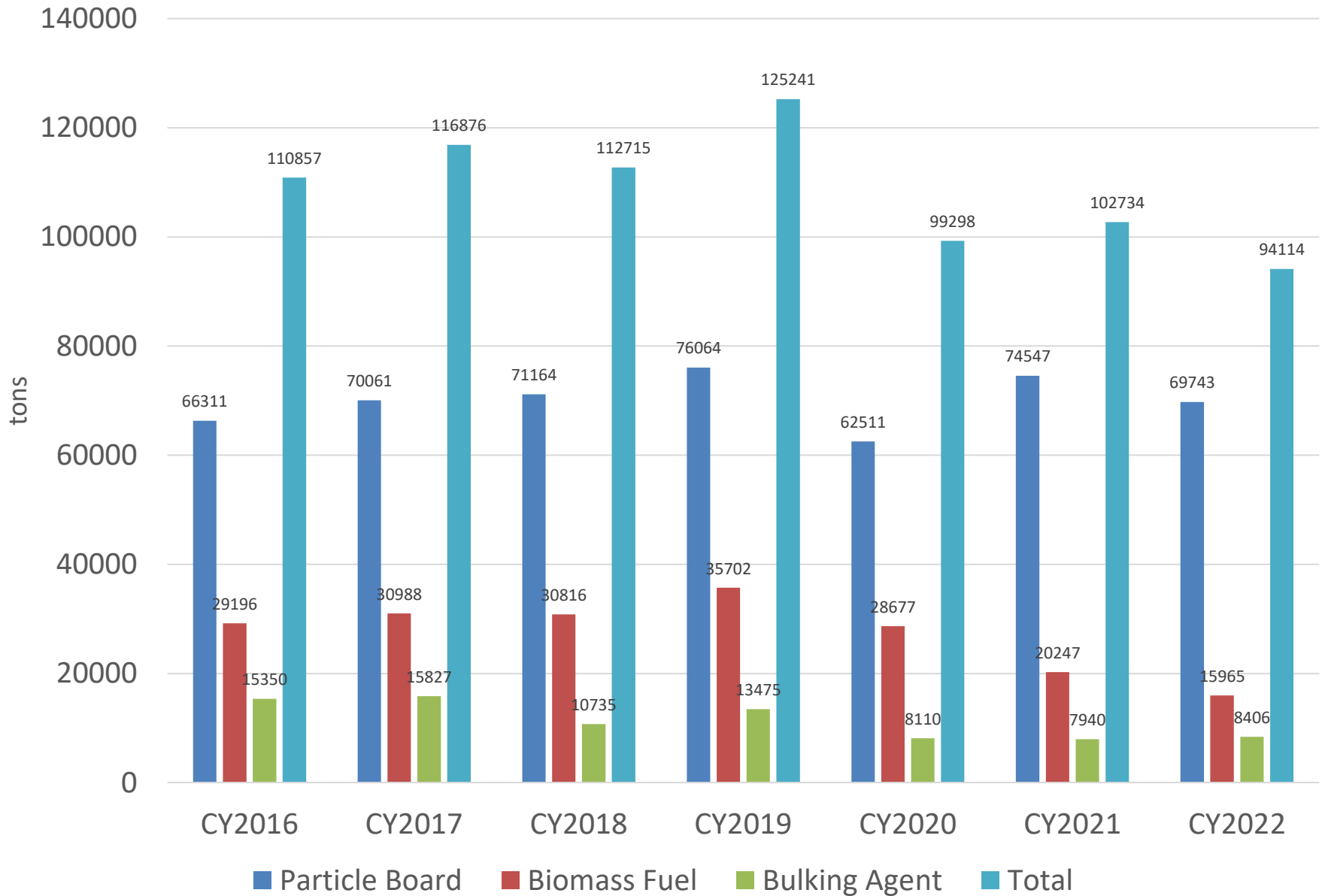
Trend Plot of Outbound/Inbound C&D Materials vs. 2030 Waste Reduction Goal



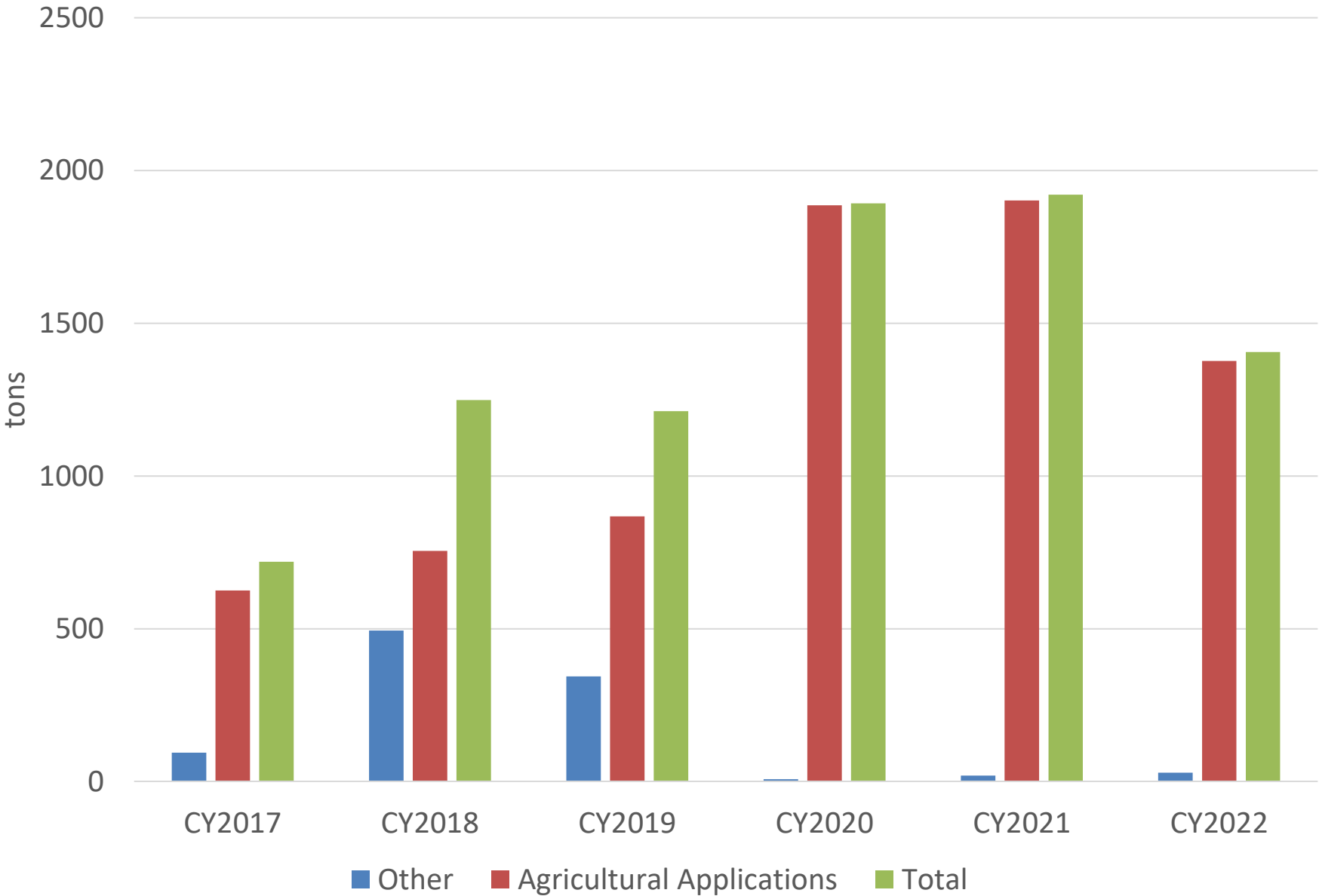
C&D Industry Recycle Rate/Process Separation Rate Trend Chart



Wood Products Trend Chart 2016-2022



Clean Gypsum Wallboard Recycling Trend Chart 2018-2022



C&D FACILITY MPS COMPLIANCE STATUS

May 2023 <https://www.mass.gov/doc/status-of-facility-compliance-with-cd-minimum-performance-standard-may-2023/download>

C&D Minimum Performance Standard

Goals and Objectives

Simply put...

Ensure that every ton of C&D debris is processed at an MPS-compliant facility

- Level the playing field for all facilities
- Recover maximum value from recyclable/re-usable materials
- Separate all waste ban materials
- Minimize tonnage sent for disposal – “Reduce Leakage”

C&D MPS Performance Criteria

- C&D MPS performance criteria:
 1. Achieve a 15% Process Separation Rate (PSR) minimum threshold;
 2. Demonstrate that all banned materials are separated to the greatest extent possible.
- Failure to satisfy either performance criterion constitutes a failure to comply with Waste Ban Regs and Waste Ban Compliance Plan
 - Cannot dispose or arrange for disposal of any C&D materials

Note: The MPS performance criteria are not applicable to a C&D Transfer Station that operates as follows:

- Transfers all C&D materials to an MPS-compliant facility for further processing
- Separates clean gypsum wallboard and Zero-Tolerance waste ban items **prior to transfer [emphasis added]**

MPS Compliant as Processor

Facility	Crit. #1 (PSR ≥ 15%)	Crit. #2 (Separate all 4 C&D WB Mat'ls)	Overall MPS Compliance
Casella-Holyoke TS	15.5%	Yes	Yes
Champion City Recovery, Brockton	21.5%	Yes	Yes
Devens Recycling, Ayer	15.8%	Yes	Yes
E.L. Harvey C&D, Westborough	43.6%	Yes	Yes
K&W Recycling, West Springfield	16.7%	Yes	Yes
New England Recycling, Taunton	23.0%	Yes	Yes
ReSource Waste Services Roxbury	21.9%	Yes	Yes
Stoughton Recycling	16.1%	Yes	Yes
Upper Cape Regional TS, Sandwich	19.5%	Yes	Yes

Conditionally MPS Compliant as Processor

Facility	Crit. #1 (PSR ≥ 15%)	Crit. #2 (Separate all 4 C&D WB Mat'ls)	Conditional MPS Compliant	Comments
Casella-Lenox TS, Lenox	8.2%	Yes	YES*	4/17/2023: Casella submitted MPS compliance plan and committed to monthly progress reports
ELH – New Bedford, New Bedford	15.2%	3 of 4, no gypsum	Yes*	Reported 12 tons gypsum separated and stored onsite, not yet recycled/diverted
New England Waste Disposal, Taunton	20.4%	3 of 4, no gypsum	Yes*	Reported 4 tons gypsum separated and stored onsite, not yet recycled/diverted
Raynham Regional Processing	17.0%	3 of 4, no gypsum	YES*	4/10/2023: RSR submitted MPS compliance plan addressing separation of gypsum for recycling/diversion
TBI, North Andover	10.9%	3 of 4, no gypsum	Yes*	Installed new process line (June 2022); continue monthly progress reports; reported 15 tons gypsum stored onsite, not yet recycled/diverted
Trojan Recycling, Brockton	5.8%	3 of 4, no gypsum	Yes*	Installed new process line (March 2022); continue monthly progress reports. Small quantity of separated gypsum stored onsite; not yet recycled/diverted
UMM-Leominster	13.0%	Yes	Yes*	Adjusted PSR = 17.1% based on credit for wood disposed under waste ban waiver due to PRE shutdown
UMM-Millbury	14.9%	Yes	YES*	Adjusted PSR = 17.8% based on credit for wood disposed under waste ban waiver due to PRE shutdown
Western Recycling, Wilbraham	14.7%	Yes	Yes*	Adjusted PSR = 17.6% based on credit for wood disposed under waste ban waiver due to PRE shutdown

MPS Compliant as C&D Transfer Station

Facility	Transfer all C&D materials to MPS compliant facility for further processing (after first separating clean gypsum WB)
Harvey Recycling, Fitchburg	Yes
Holliston TS	Yes
Oxford TS	Yes
S&J Exco, Dennis	Yes
Wood TS, Peabody	Yes

MPS Compliance Not Confirmed as a C&D Transfer Station*

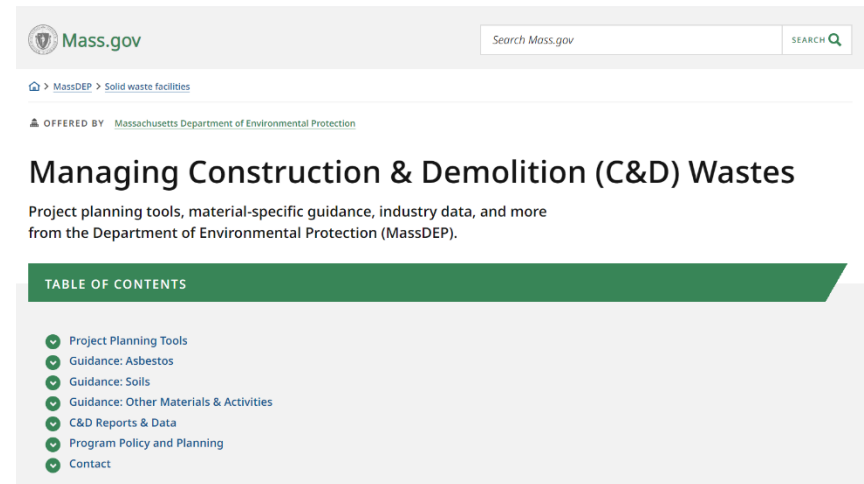
Facility	Transfer all C&D materials to MPS compliant facility for further processing (after first separating clean gypsum WB)	Comments
Bourne TS	No*	*No gypsum reported as separated for recycling/diversion
F.P. McNamara, Springfield	No*	*No gypsum reported as separated for recycling/diversion
Zero Waste Solutions, Rochester	No*	*No gypsum reported as separated for recycling/diversion
ELH-Sandwich, Sandwich	No*	*No gypsum reported as separated for recycling/diversion
ReSource Waste Services Ware	No*	*No gypsum reported as separated for recycling/diversion
Valley Recycling, Northampton	No*	*No gypsum reported as separated for recycling/diversion

*MassDEP will conduct follow-up inspections to confirm compliance. Facilities can continue accepting C&D materials unless told otherwise.

N.B.: Clean gypsum wallboard must be separated prior to transfer or mechanical processing.

Updates to “Managing C&D Waste” Webpage

- Added a section heading for “Program Policy and Planning” documents
- Includes:
 - C&D Action Plan (with March 2023 updates)
 - MPS policy and guidance documents (Oct-2021)
 - May-2023 Facility MPS Compliance Status



<https://www.mass.gov/lists/managing-construction-demolition-cd-wastes#program-policy-and-planning->

C&D MPS Resources

The following resources can be found on the MassDEP webpage...

- Minimum Performance Standard for C&D Handling Facilities:
<https://www.mass.gov/doc/minimum-performance-standard-for-construction-demolition-handling-facilities/download>
- C&D MPS Q&A Guidance: <https://www.mass.gov/doc/frequently-asked-questions-faq-minimum-performance-standard-for-cd-handling-facilities/download>
- Status of Facility Compliance with MPS (May 2023):
<https://www.mass.gov/doc/status-of-facility-compliance-with-cd-minimum-performance-standard-may-2023/download>

Focus on Wood Markets

C&D INDUSTRY UPDATES

PLAINFIELD RENEWABLE ENERGY

**Greenleaf Power's Plainfield Renewable Energy
cogeneration plant runs clean while making green
power from biomass**



<https://greenleaf-power.com/plainfield/>

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About Us

Green to the core!

Leading the way is second nature at Tafisa® Canada, owner and operator of North America's largest particleboard manufacturing facility. Since its inauguration in 1992, the company has quadrupled its production, increased its employee base from 60 to 325 and firmly established itself as an industry leader.

Tafisa® operates out of the magnificent Mégantic region, where its seven-days-a-week manufacturing facility measures close to 71,000 square metres. Over the past 20 years, the company has invested more than \$400 million to ensure continuous process improvements. Tafisa® is a subsidiary of the Sonae Industria Group.

Selling to both residential and commercial markets, Tafisa® has maintained a balanced share of business between Canada and the United States. Each week, more than 700 truckloads of wood fibre are transformed into 300 truckloads of finished products – particleboard or decorative panels.

<https://tafisa.ca/en>



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CERTIFICATION

A lush green forest with tall trees and a small stream flowing through the center. The ground is covered in moss and rocks.

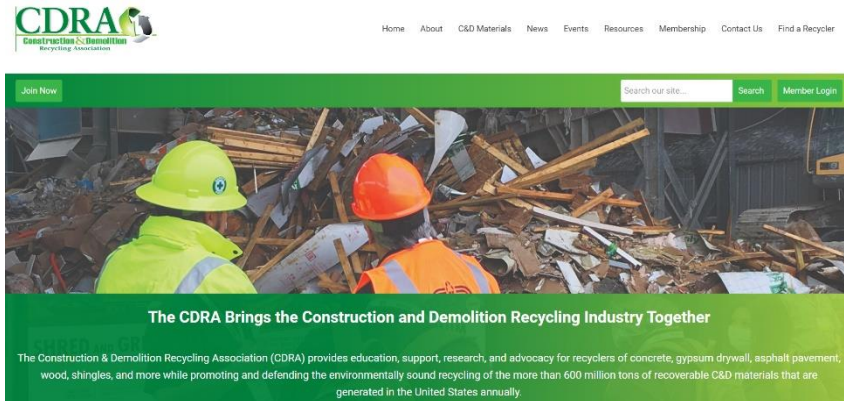
CONVERTING
YESTERDAY
INTO TOMORROW

<http://www.tredsi.com/EN/index.html>

CDRA National Perspective

by Executive Director: Becky Caldwell (caldwell@cdrecycling.org)

- LA County – third party certification requirement
- Shingle recycling “comeback”
- DOT white paper
- Processor survey
- Upcoming CDRA events



<https://cdrecycling.org/>

Any other business to discuss?

For More Information:

Point of Contact:

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