

It's Not Easy Being Green

Northeast Resource Recovery
Association

1-800-223-0150

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A Recycling Non-Profit
Working Together to Make Recycling Strong!



MOM and NRRA Workshops



MOM - Members/Operations/Marketing meetings are held monthly.

In addition. NRRA conducts workshops and facility tours several times a year that can be used for continuing education credits toward transfer facility operator certifications and renewals.



Working Together to Make Recycling Strong!

The NRRRA School CLUB



The NRRRA School CLUB
builds Community action by directing
youth, teachers, schools, and communities to a clear
understanding of pertinent solid and hazardous
waste issues and supporting sustainable
waste reduction programs.





BACK TO THE **FUTURE** FOR **RECYCLING**

... it's time!



Northeast Resource
Recovery Association's

**36th Annual
Conference & Expo**
May 22-23, 2017
2 Day Event!

Engaging Speakers
Workshops and
Exhibits

*Featuring Keynote Speaker,
industry leader —*



JOHN CASELLA,
Chairman & CEO of
Casella Waste Management



NRRA School CLUB

**8th Annual
School Recycling
Conference**
May 23, 2017
1 Day Event!

Hands-on
workshops and
activities for
teachers and
students

MONDAY & TUESDAY
MAY 22-23, 2017
RADISSON IN MANCHESTER, NH

Presented by



Northeast Resource
Recovery Association



NRRA
School CLUB



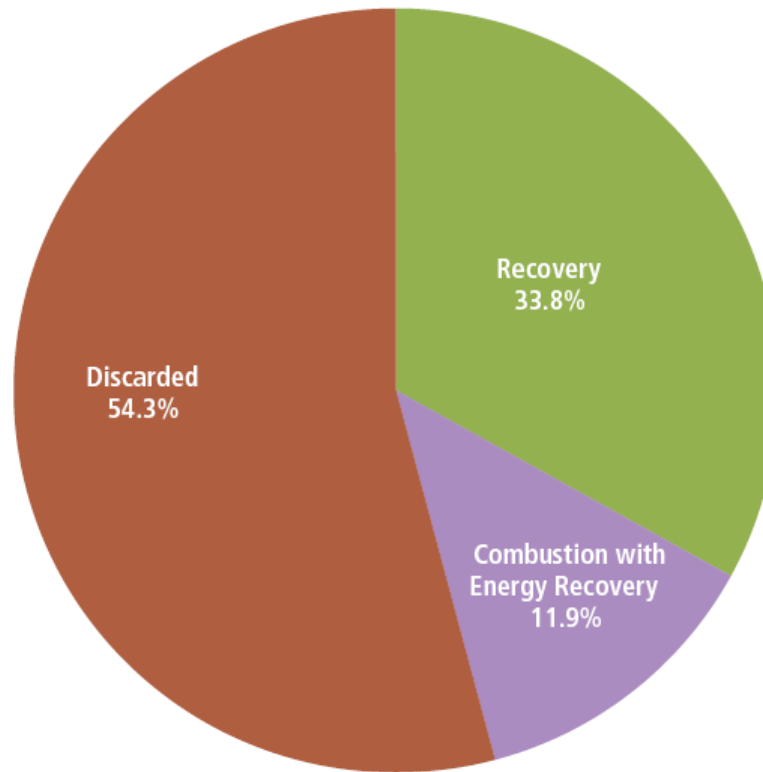
Call 800.223.0150 or register/learn more at: www.NRRA.net

TALKIN' TRASH 4.0



ROOM FOR IMPROVEMENT

Figure 4. Management of MSW in the United States, 2009



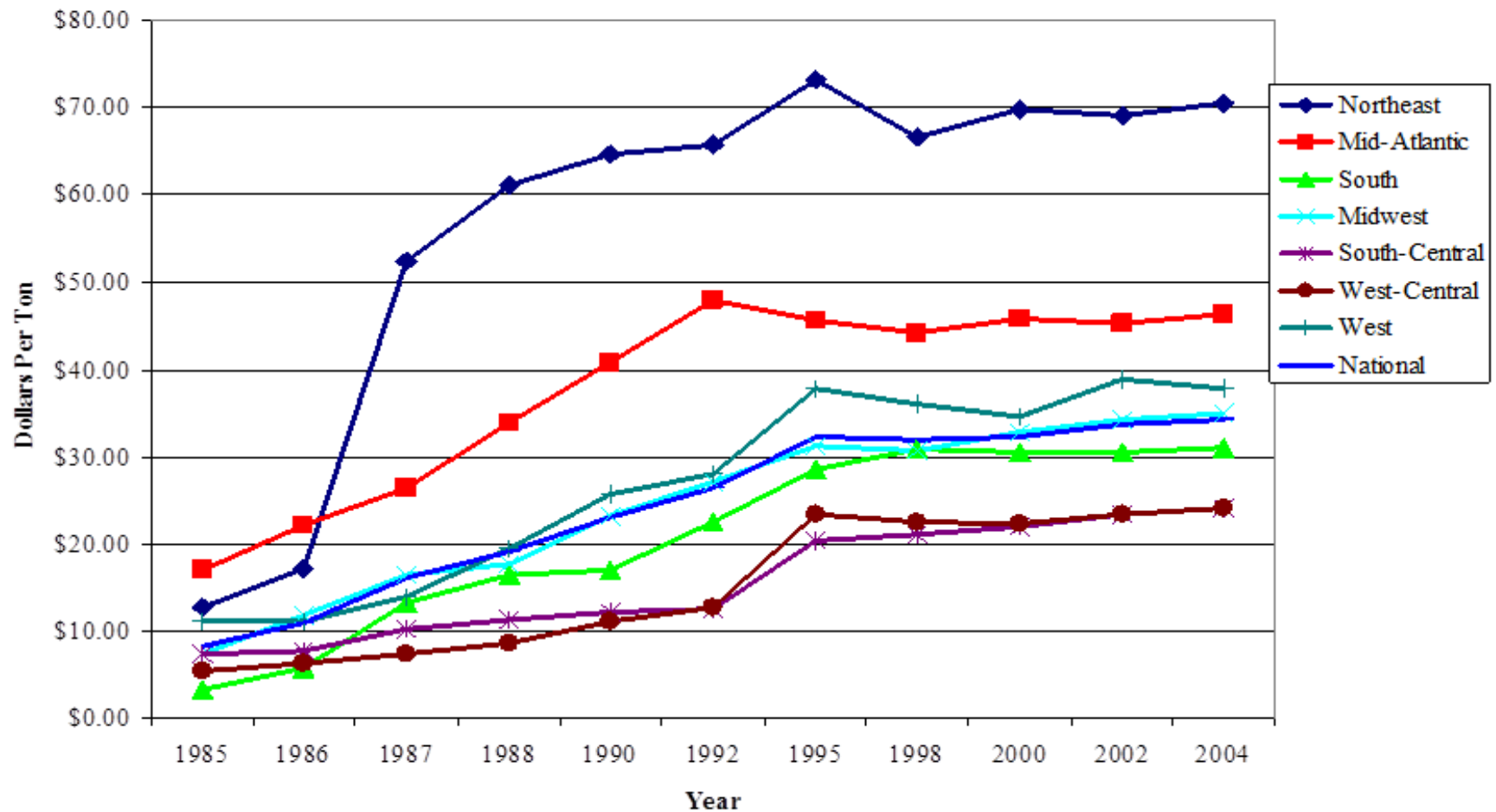
We are sending money to the landfill

Material	Recycling Rate	Value of Unrecovered
Paper	57%	\$3.1 Billion
Aluminum Cans	55%	\$1.3 Billion
Plastic Bottles	27% HDPE, 29% PET	\$1.6 Billion
Steel Cans	65%	\$0.4 Billion
Glass Bottles	28%	\$0.1 Billion
Total		\$6.5 Billion/Year

Resource Recycling
Portland, Oregon

MSW TIP FEES

Figure 6 Tipping Fees



MSW

Municipal Solid Waste

Name of Company

	<u>3 Year</u>		<u>5 Years</u>		<u>7 Years</u>		<u>Rental Fees</u>
	<u>MSW Haul</u>	<u>MSW Disposal Fees</u>	<u>MSW Haul</u>	<u>MSW Disposal Fees</u>	<u>MSW Haul</u>	<u>MSW Disposal Fees</u>	
A	\$145.00	\$65.00	CPI	CPI	CPI	CPI	\$50.00
B	\$280.00	\$72.00	CPI	CPI	CPI	CPI	\$100.00
C	\$185.00	\$68.00					NA
D	\$225.00	\$72.00					As needed
E	\$275.00	\$76.00	PPI	PPI	PPI	PPI	\$0.00
F	\$140.00	\$72.00	CPI	CPI	CPI	CPI	\$50.00

Disposal fees are based on per ton.

C&D

Construction & Demolition Debris

Name of Company

	<u>3 Year</u>		<u>5 Years</u>		<u>7 Years</u>		
	<u>C & D Haul</u>	<u>C & D Disposal Fees</u>	<u>C & D Haul</u>	<u>C & D Disposal Fees</u>	<u>C & D Haul</u>	<u>C & D Disposal Fees</u>	<u>Rental Fees</u>
A	\$125.00	\$76.00	CPI	CPI	CPI	CPI	\$50.00
B	\$280.00	\$72.00	CPI	CPI	CPI	CPI	\$100.00
C	\$185.00	\$72.00					\$0.00
D	\$225.00	\$69.00					As needed
E	\$150.00	\$76.00	PPI	PPI	PPI	PPI	\$0.00
F	\$140.00	\$72.00	CPI	CPI	CPI	CPI	\$50.00

Disposal fees are based on
per ton.

EXAMPLE # C:

EFFECTIVE DATE	RATE
JANUARY 1, 2017	\$64.00
JANUARY 1, 2018	\$65.00
JANUARY 1, 2019	\$66.00
JANUARY 1, 2020	\$67.00
JANUARY 1, 2021	\$68.50
JANUARY 1, 2022	\$70.00
JANUARY 1, 2023	\$71.50
JANUARY 1, 2024	\$73.00
JANUARY 1, 2025	\$74.00
JANUARY 1, 2026	\$75.00



Talkin' Trash 3.0

EXAMPLE # A:

CHARGES, PAYMENTS & ADJUSTMENTS:

Service Type	Transportation Fee Per Haul	Disposal Fee Per Ton	Rental Fee Per
MSW/Town Owned 2yd Compactor 2 42 vd Container	\$165.00	\$68.00	N/C
C&D 2- 30 vd Open Top	\$165.00	\$68.00	N/C
MSW / 35 yd Self Contained Compactor	\$165.00	\$68.00	N/C
Single Stream / Town Owned 2 yd Compactor 42 yd container	\$165.00	See Formula and Example Contained in Exhibit C	N/C

On the contract anniversary date each year, the rates for all Hauling and Single Stream Recycling Processing Fee will be subject to a fixed 2.5% increase. Disposal Fees will be adjusted annually as outlined above.



Actual Fixed Rate Increase

October 1, 2015 - September 30, 2016	Tip fee
	\$68.00 per ton
October 1, 2016 - September 30, 2017	\$69.00 per ton
October 1, 2017 - September 30, 2018	\$70.00 per ton
October 1, 2018 - September 30, 2019	\$71.00 per ton
October 1, 2019 - September 30, 2020	\$72.00 per ton

If 2.5% had been applied to Tip Fee

October 1, 2015 - September 30, 2016	\$68.00 per ton
October 1, 2016 - September 30, 2017	\$69.70 per ton
October 1, 2017 - September 30, 2018	\$71.44 per ton
October 1, 2018 - September 30, 2019	\$73.23 per ton
October 1, 2019 - September 30, 2020	\$75.06 per ton



EXAMPLE # B:

1. CHARGES and INVOICING. Invoices will be sent on a monthly schedule and payment is required within thirty (30) days from invoice date.

Term	Acceptable Waste Disposal Charge Per Ton Delivered to XXXX	Acceptable Recyclable Materials Transportation Charge Per Ton Delivered to XXXX	Acceptable Recyclable Materials Processing Charge Per Ton Delivered to XXXX
9/1/15– 6/30/16	\$62.00	\$35.00	\$78.00
7/1/16– 6/30/17	\$62.00	\$35.50	\$79.15
7/1/17– 6/30/18	\$62.00	\$36.00	\$80.35
7/1/18– 6/30/19	\$63.00	\$37.85	\$81.55
7/1/19– 6/30/20	\$64.00	\$38.45	\$82.75





MARKET PREDICTIONS

The future markets are more likely than not to remain fairly flat, well within the range they have steadily been operating in for some time. Very modest growth or no growth at all, is the most likely scenario that will play out at least for the next two years. Beyond that, and even during that time, major unforeseen events could overturn that opinion but based on the history of these markets and their current status, the likelihood is that they will perform as they are now for some time.

OIL PRICES & RECYCLABLES: RECOMMUNITY



ACR vs Oil Prices



Fees to avoid

Fuel surcharge fee, ex. ---\$2.20/g = 8.63% FS

Regulatory Compliance fee---3.6% on all charges

Environmental fee-----14.5% on all but RCR

Administrative fee ?? ? Sustainability fee ???

Container Maintenance/Cleaning fee- \$9.95 per unit

Overage Charges and Recycling Materials Offset.---???







Thank You
FOR RECYCLING

NEW HAMPSHIRE *The Beautiful*

