

Pay-As-You-Throw Update



Meeting with the Finance Committee
Brewster Recycling Commission
April 20, 2016

Brewster Recycling Commission

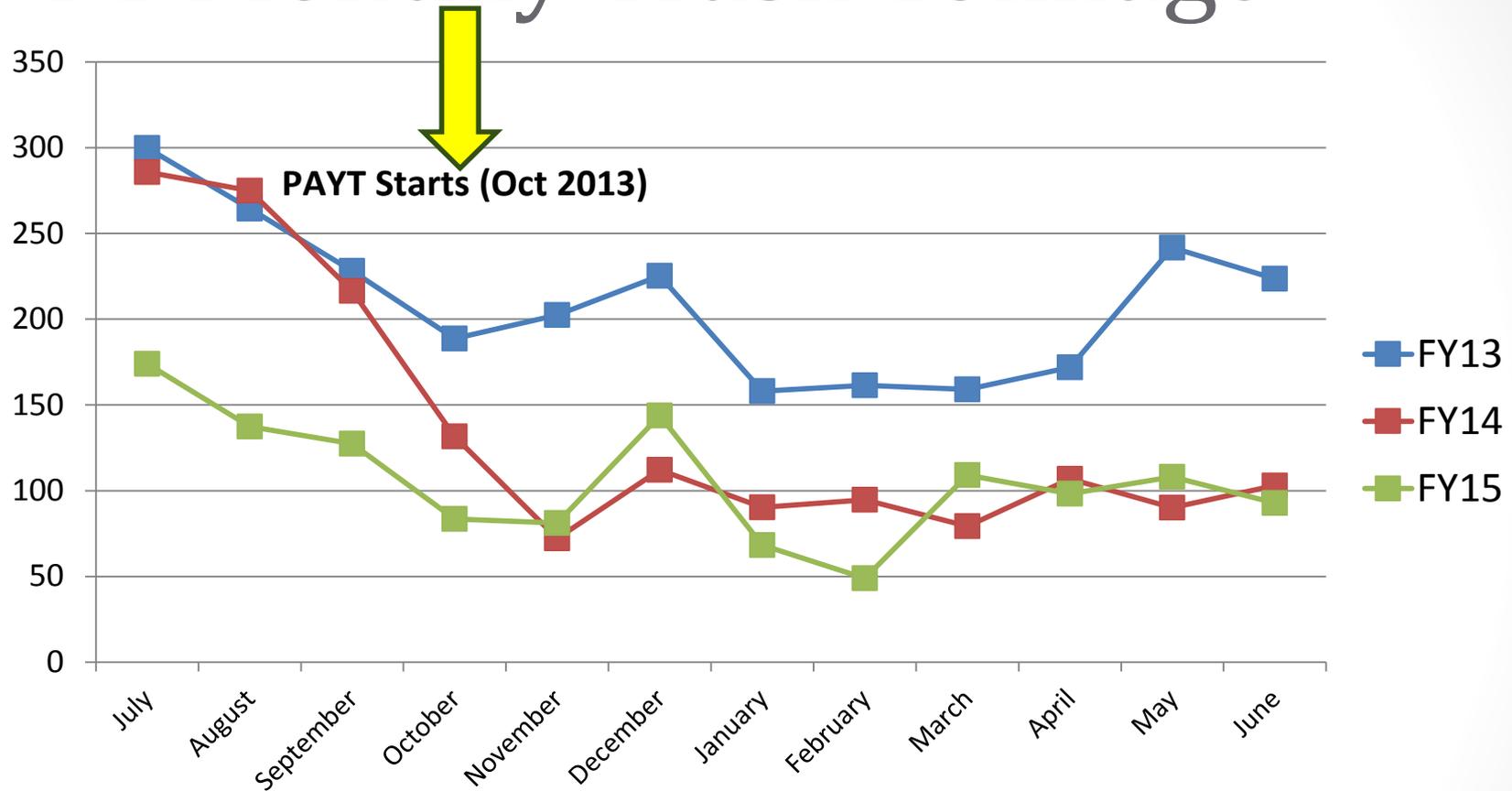
- 2011: Board of Selectmen directed the Recycling Commission to find ways to save money & increase recycling
- 2012: Recycling Commission made 5 recommendations to the BOS relative to the transfer station and recycling activities, including the implementation of a “pay as you throw” (PAYT) program
- 2013: PAYT initiated in off-season
- 2014: PAYT fully implemented on calendar year basis
- 2015: PAYT fully implemented based on Town FY basis
- 2016: PAYT continues to save Town \$\$ and recycle more

PAYT Factors

- Comparison
 - Trash (MSW) tons managed
 - Trash costs: tip fee and transportation
 - Recycling tons managed
 - Recycling tip fee, transportation and sometimes revenue
 - Recycling Center usage
 - PAYT bag cost and revenue
 - Many miscellaneous factors e.g. credits, markets, FY vs. calendar year, disposal & recycling locations, etc., etc.
- Bottom Line Results
 - Less trash 
 - More recycling



FY Monthly Trash Tonnage

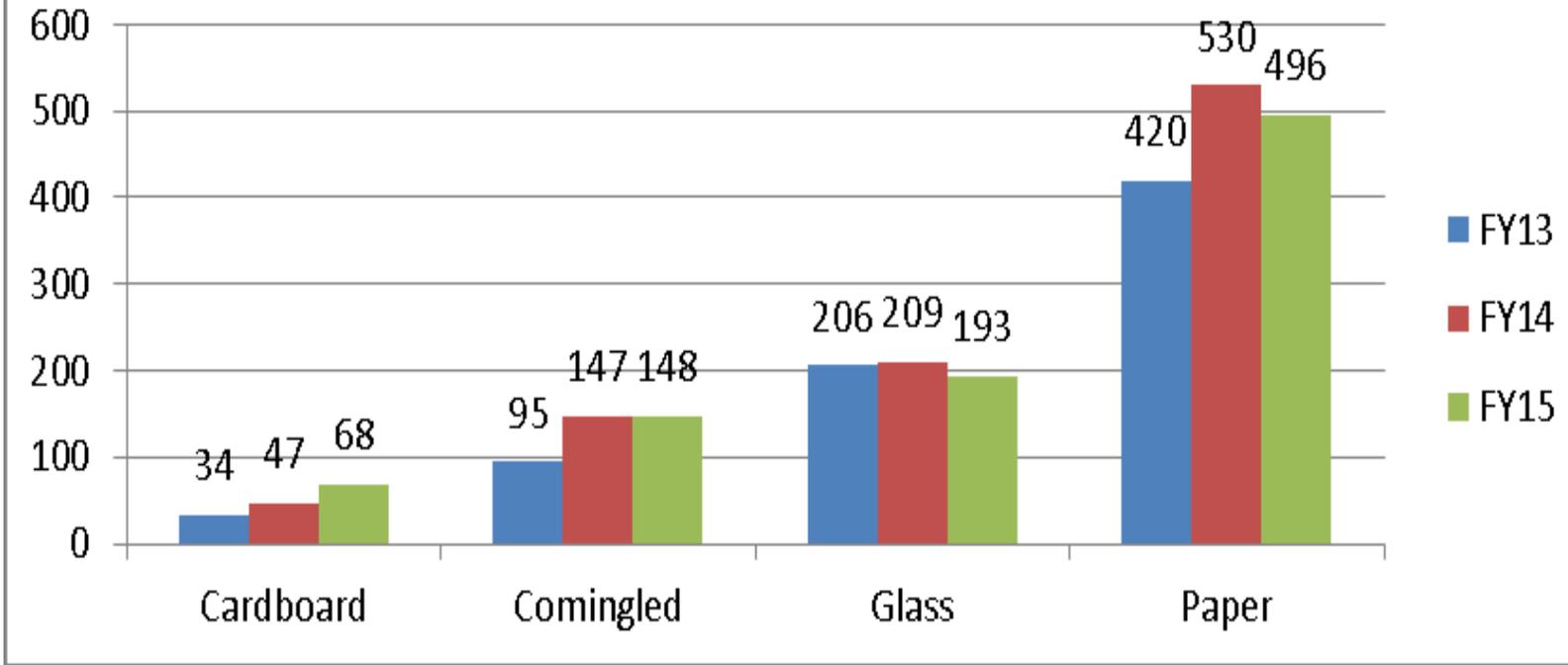


2524 tons in FY13 vs. 1261 tons in FY15

49.5% reduction in trash (MSW)



Recycling Tonnage



Recycling increased by 20% (150 tons) FY13 to FY15

56% increase in comingled plastic and metal containers

18% increase in mixed paper

103% increase in cardboard

6% decrease in glass



Consistent Usage

- FY12 Permits Sales:
 - 3971 first permits
 - 1275 second permits
 - 44 half-year permits
- FY13 Permits Sales:
 - 3892 first permits
 - 1282 second permits
 - 33 half-year permits
- FY14 Permits Sales:
 - 3993 first permits
 - 1375 second permits
 - Half-year permits not sold
- FY15 Permit Sales:
 - 3801 first permits
 - 1297 second permits

Revenue - Expense
DPW 2015 BRC

Updated 4-19-2016

Revenues		Expenses	
PAYT Bag Sales	\$215,200.00	PAYT Bags	\$31,522.86
Resident Sticker 1st (\$45)	\$171,675.00	MSW	\$78,869.30
Resident Sticker 2nd (\$10)	\$13,270.00	Covanta transport fees (MSW)	\$714.96
No Sticker Fee	\$4,690.00	MSW Fuel Costs	\$2,332.45
		Truck Driver (7 days)	\$75,187.84
		Laborer	\$53,872.00
		Gate Attendants	\$37,202.88
		Supervision (DPW Foreman 25%)	\$14,669.20
		Administration (25%)	\$13,213.20
		Total Labor with fringe 30%	\$252,388.66
		Wasteworks Software	\$1,600.00
		Equipment Maintenance	\$11,500.00
		Utilities	\$6,000.00
Cardboard (Jan-May)	\$1,287.60	Cardboard Fuel Costs	\$2,213.50
Mixed Paper	\$5,174.70	Mixed Paper Fuel Costs	\$9,022.00
		Mixed Glass Disposal	\$5,900.50
		Mixed Glass Disposal Fuel Costs	\$2,646.38
		Co-Mingle (Cost to Recycle)	\$3,600.50
		Co-Mingle Fuel Costs	\$5,679.50
Electronics (fees)	\$13,400.00	Electronics (Disposal fee)	\$7,755.00
C & D (fees)	\$70,616.50	C & D (contract disposal fees)	\$70,199.24
Metal (fees)	\$15,227.50	Metal - Propane Disposal	\$410.00
Metal (Scrap Manufacturer)	\$1,852.00		
		Compost Screening	\$5,700.00
Brush (citizen fees)	\$13,750.00	Brush Screening	\$8,900.00
Total Revenue	\$526,143.30	Total Expense	\$506,954.85

Cost comparison with/without Pay As You Throw

No PAYT: 2524 tons x \$62.50 = \$157,750

With PAYT: 1261 x \$62.50 = \$78,812.50

Difference: Savings of \$78,917.50

Brewster Recycling Commission

- Appointed members: Bill Barnstead, John Cunningham, Patrick Ellis, Brenda Locke, Meg Morris, Joe Prevost
- Town Liaisons: Dr. Mary Chaffee (BOH), Jim Foley (BOS) Dan Guertin (FC)
- Support: Karen Halloran (DPW Support); Donna Kalinick (BOS Support); David Quinn, DEP Municipal Assistance Coordinator – Barnstable County;

