

# 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



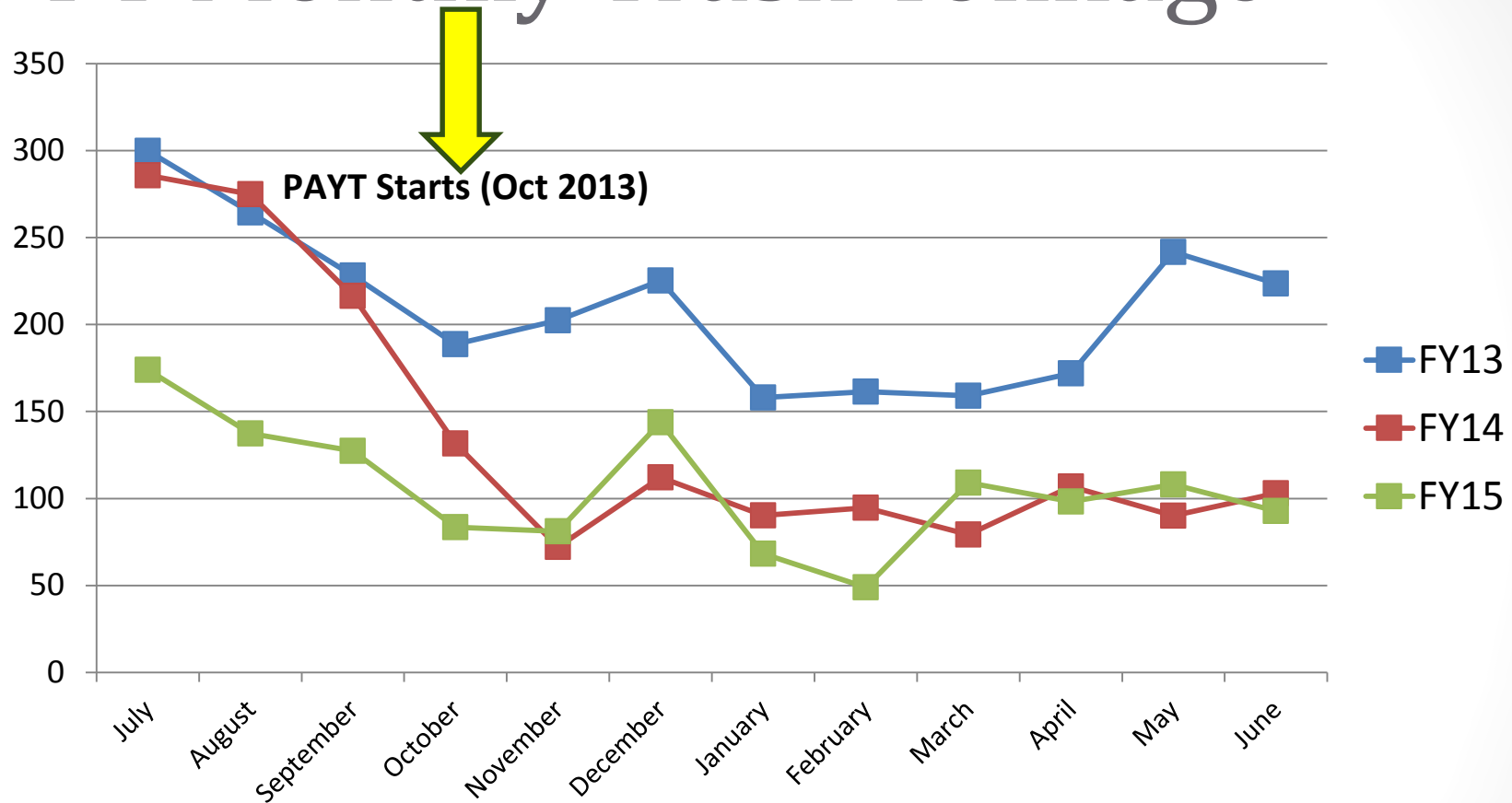
# PAYT Factors

- 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

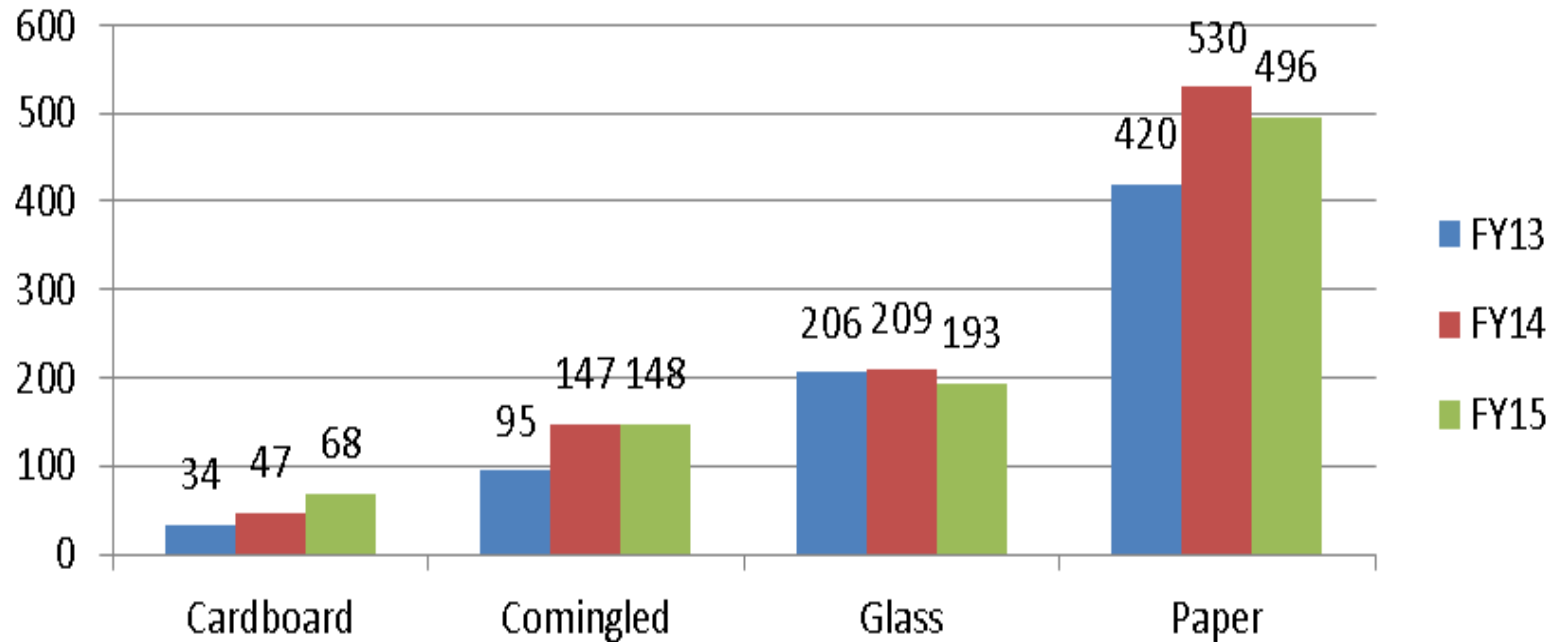


2524 tons in FY13 vs. 1261 tons in FY15

**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:
  - 3801first permits
  - 1297second 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          |
|                             |                     |                                 |                     |
|                             |                     |                                 |                     |
| <b>Total Revenue</b>        | <b>\$526,143.30</b> | <b>Total Expense</b>            | <b>\$506,954.85</b> |

# 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;

