



Connecticut Department of Energy and Environmental Protection



Saving Money and Reducing Trash

June 12, 2012

Jennifer Weymouth

Capturing the Value: Transforming Municipal Materials Management



Connecticut Department of Energy and Environmental Protection



Change the way we pay so we can control costs



Reducing trash saves money



Pricing is independent of collection systems

Change the way we pay so we
can take control of costs



Taking control is fiscally responsible

- Know what you are paying for trash
- Make sure residents know how much they spend on trash
- Send the right signals
 - Trash is not free
 - Don't incentivize supersizing

How we pay for trash affects how much we pay

Currently in CT

70%

Tax Base

35%

Other

30%

Tip Fees at TS

10%

Unit Based Pricing

18%

Marketing Recyclables

18%

Hauler Registration Fees

Reducing trash saves



Municipalities can save money and reduce trash through unit based pricing

- Pay for unit of trash generated
- Financial signal motivates residents to reduce trash

“Financially incentivizes people to make the right choice”

Jared Bloomenfeld, Environment San Francisco
Fortune Magazine, 2/10/07



Unit-based pricing programs are flexible

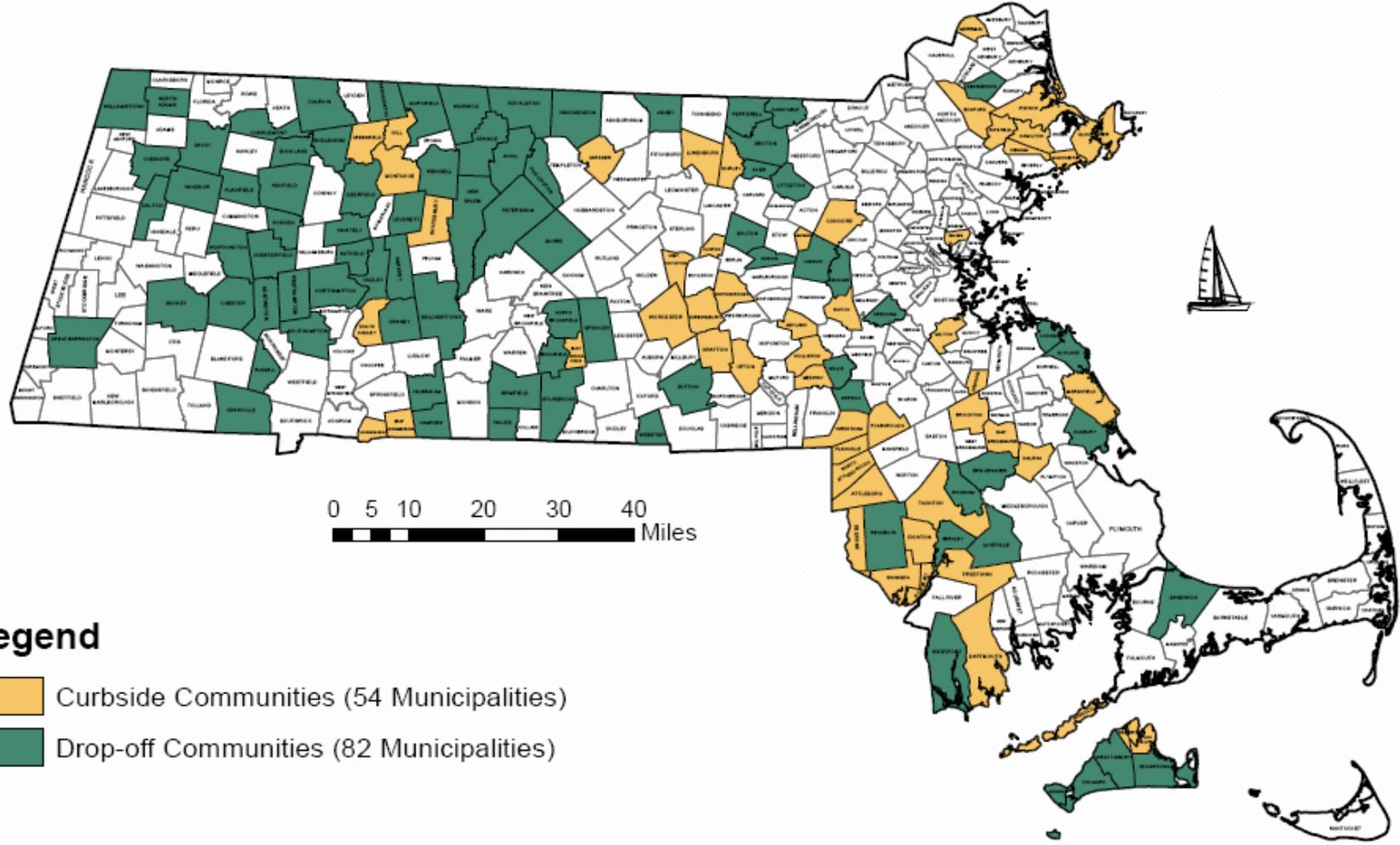


- **Works within existing infrastructure**
- **Change pricing mechanism, not collection**



Municipal Solid Waste Pay-As-You-Throw Communities in Massachusetts

February 2012



Legend

- Curbside Communities (54 Municipalities)
- Drop-off Communities (82 Municipalities)



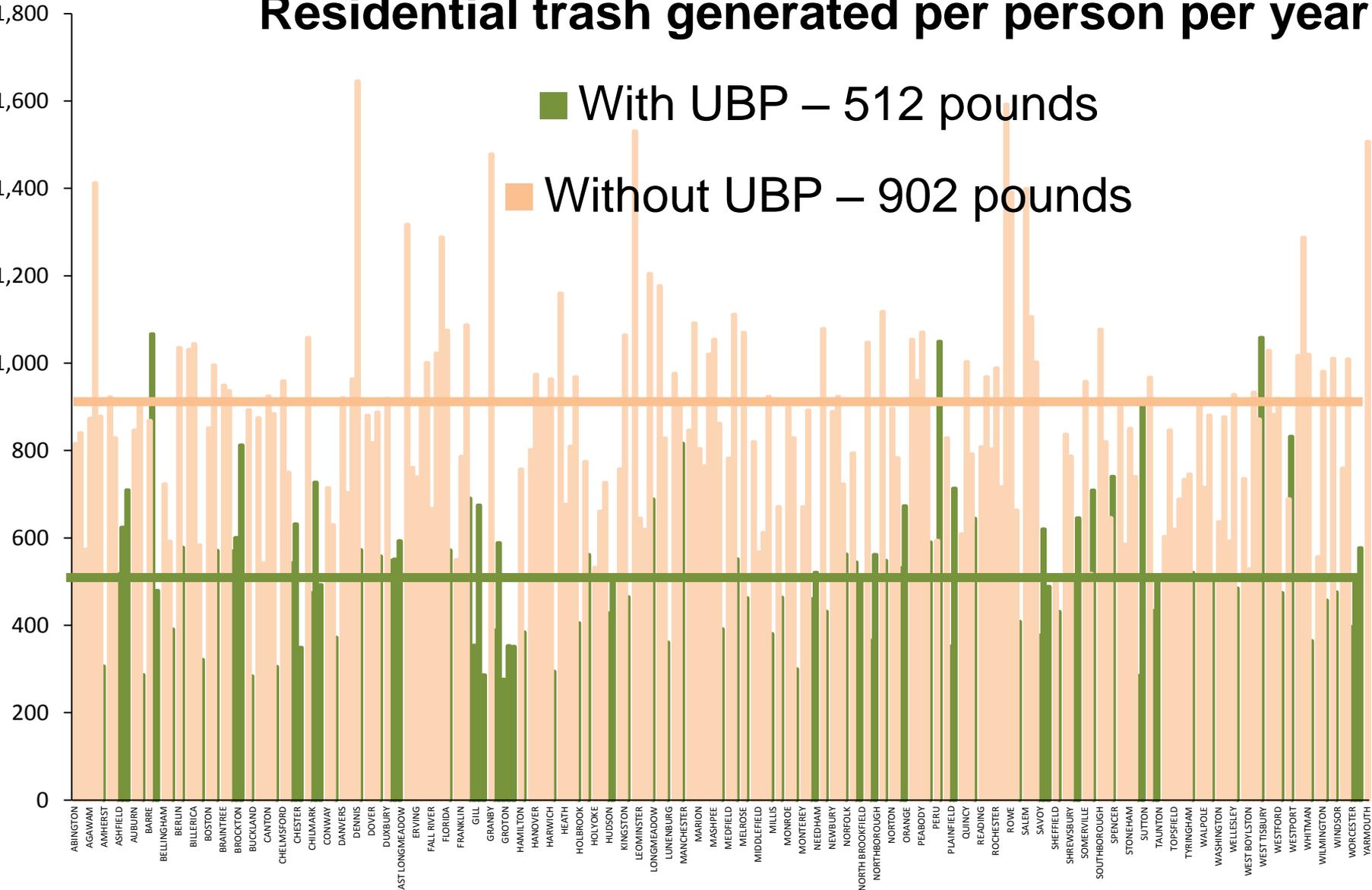
Deval Patrick
Governor
Richard K. Sullivan Jr.
Secretary of Energy and Environmental Affairs

Data Sources:
 Pay As You Throw Communities - BWP Consumer Programs 2012
 W:\BWP\SWM\payt\Data\paytlist.xls

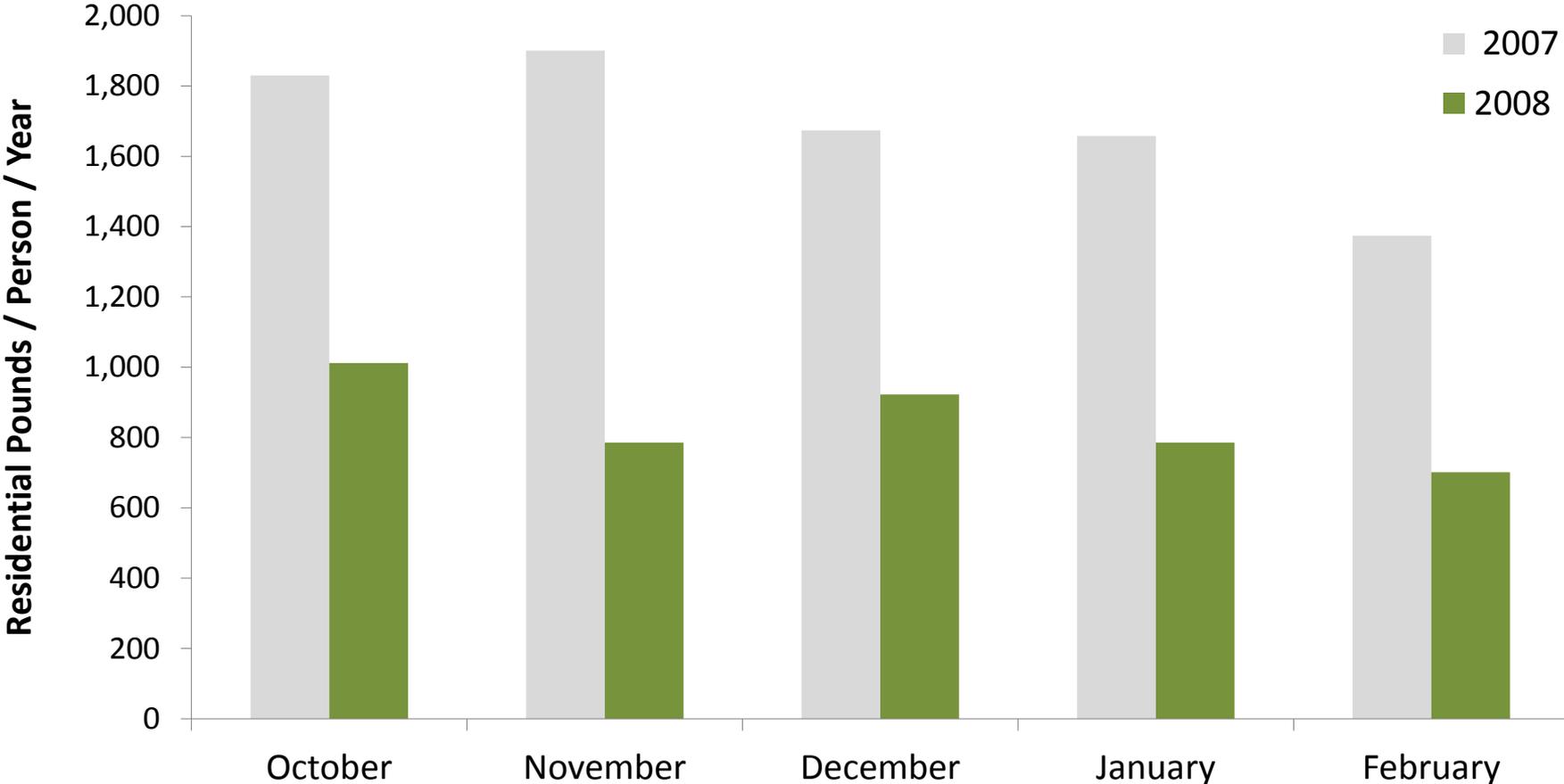
Massachusetts Municipalities - MassGIS 2004

Unit based pricing successful in MA

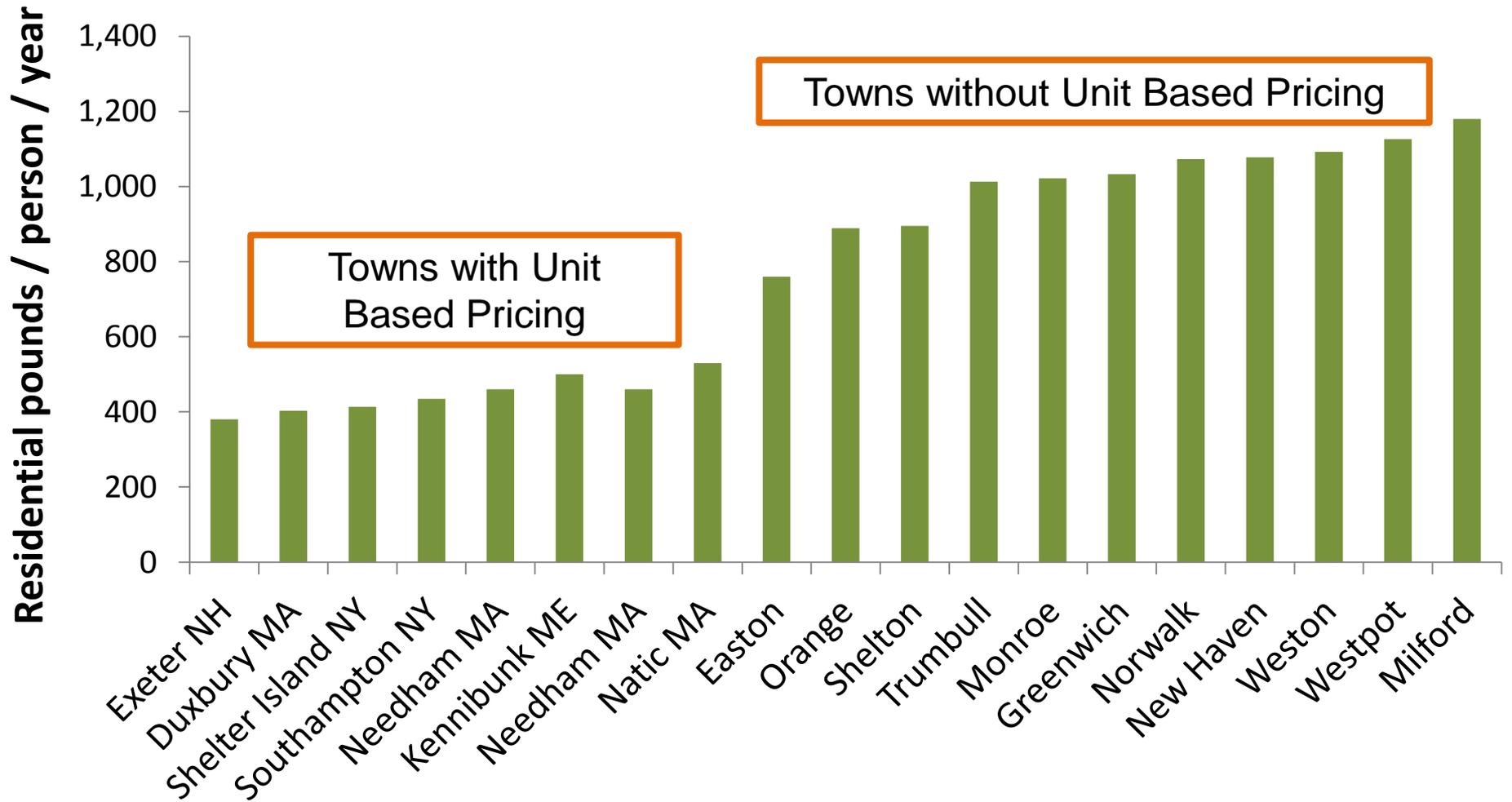
Residential trash generated per person per year



44% waste reduction achieved in Malden MA

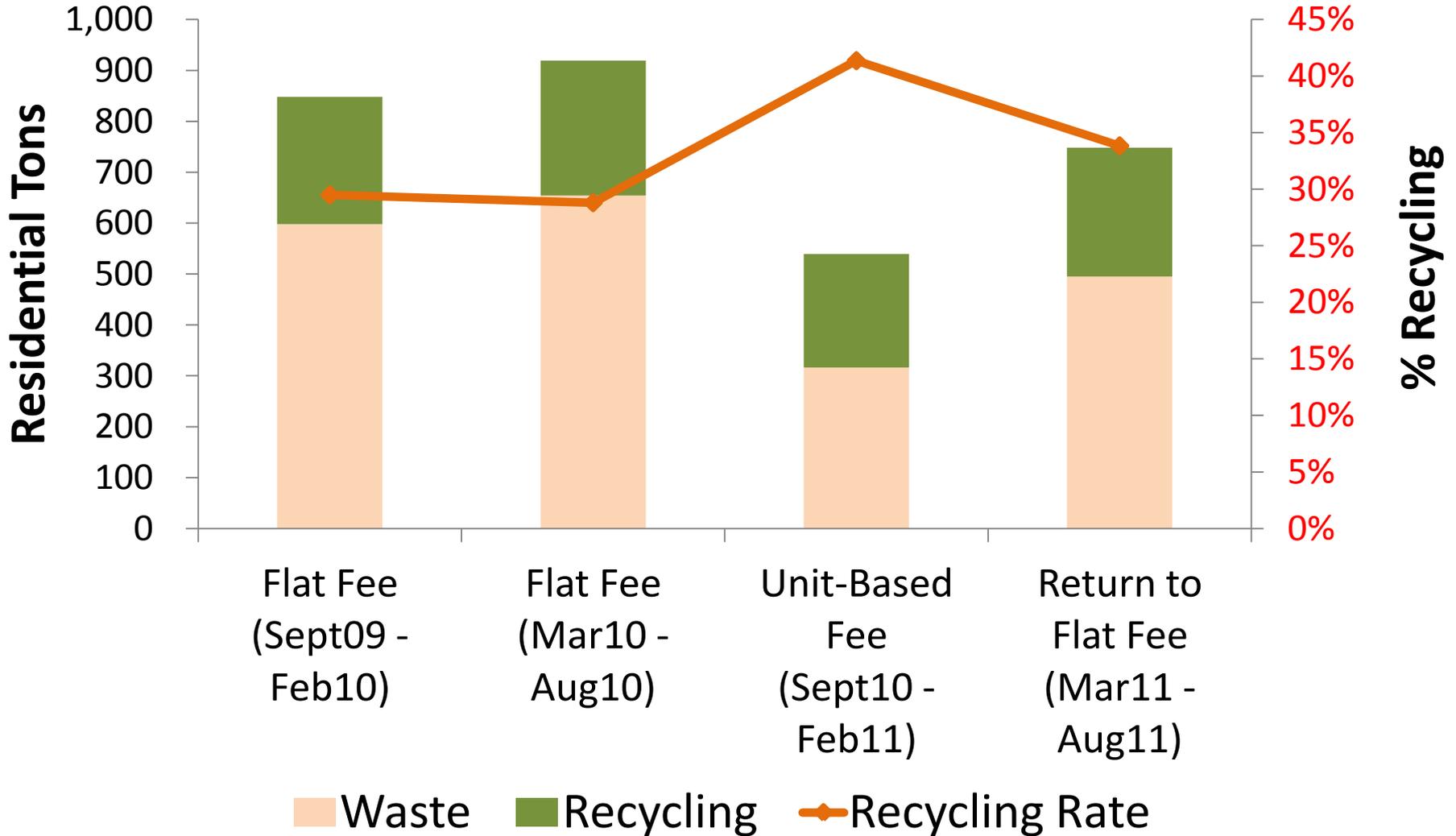


Unit based pricing reduces waste

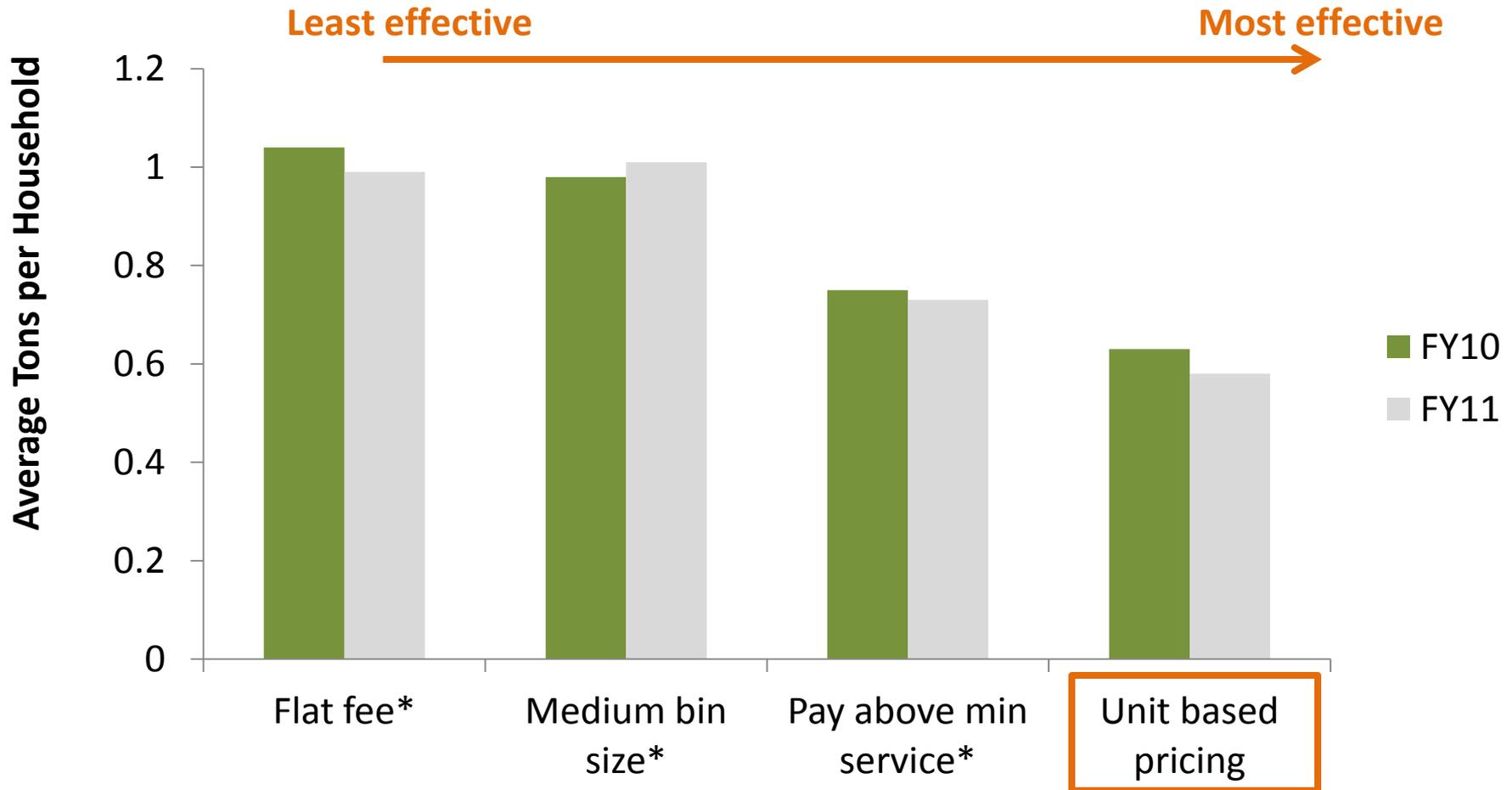


Unit-based pricing reduced waste by 50%

Columbia's Unit-Based Pricing Results



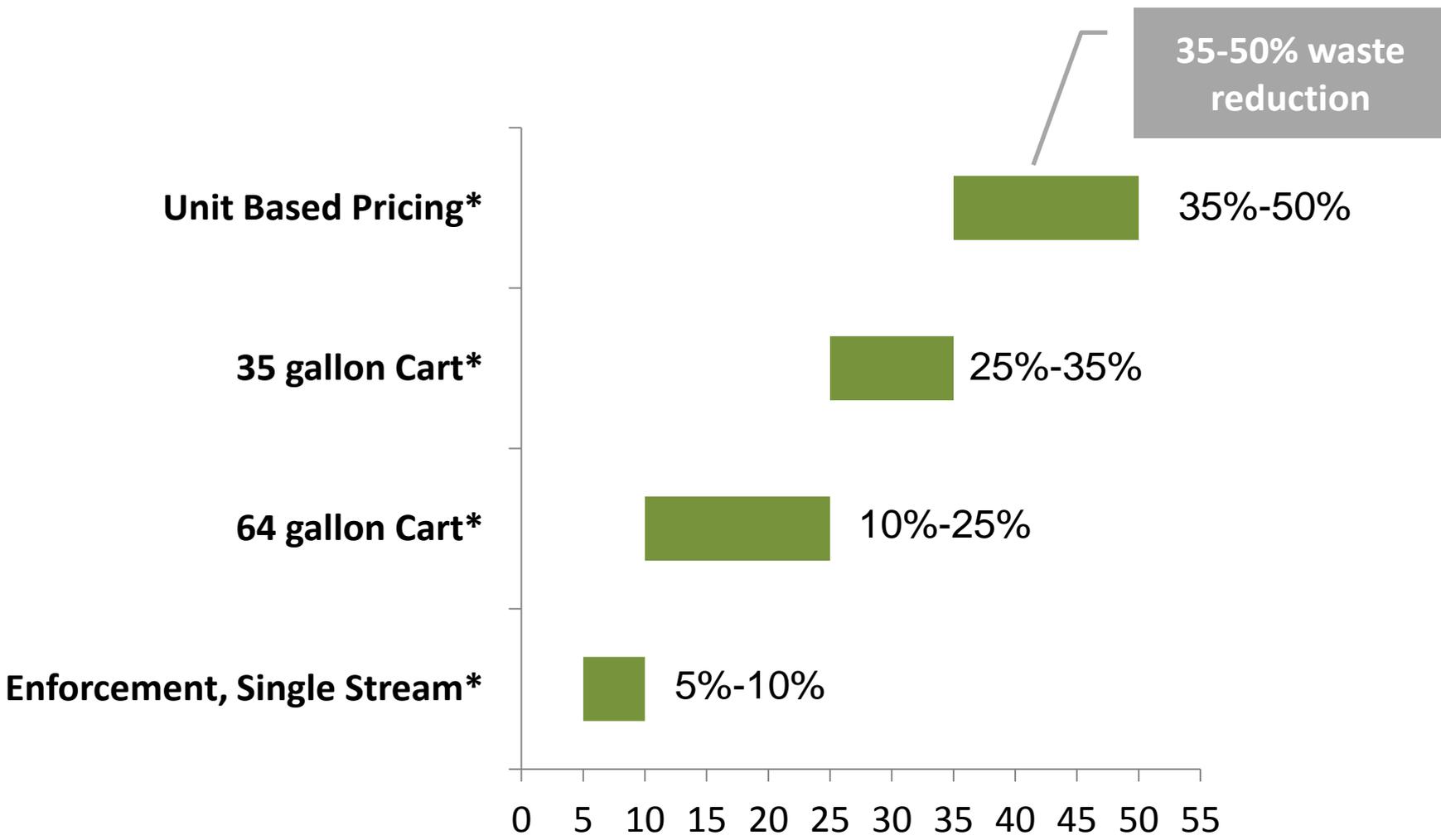
Unit-based pricing reduces trash



*Waste reduction depends on town's starting tonnage per household.

Content from Carolyn Dann, MA DEP

Unit based pricing is MOST effective



*Waste reduction depends on town's starting tonnage per household.

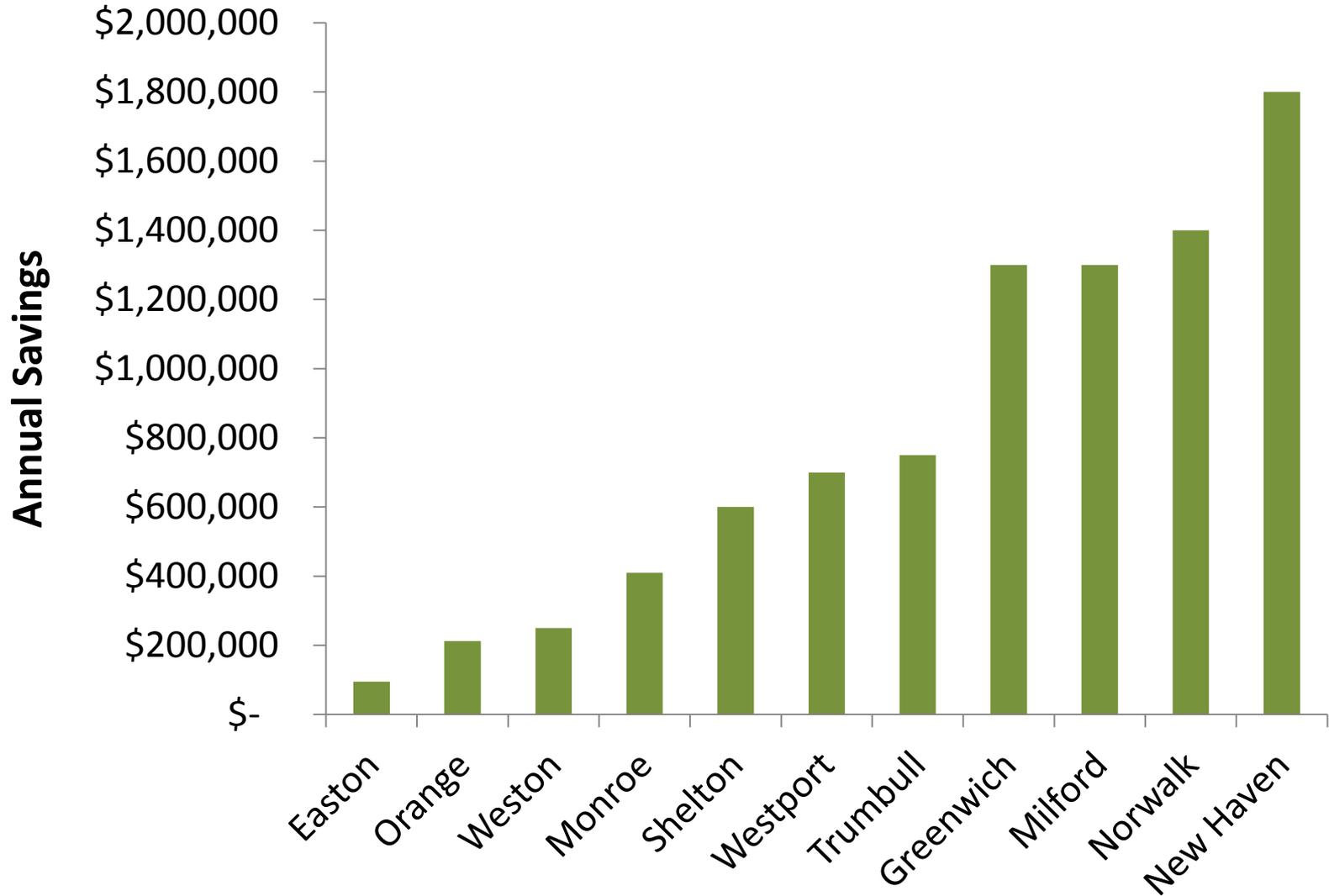
Municipalities can use other signals to save money and reduce trash

- Education
- Recycling enforcement
- Bag or bin limits
- Single stream collection
- Automated collection
- Unit based pricing

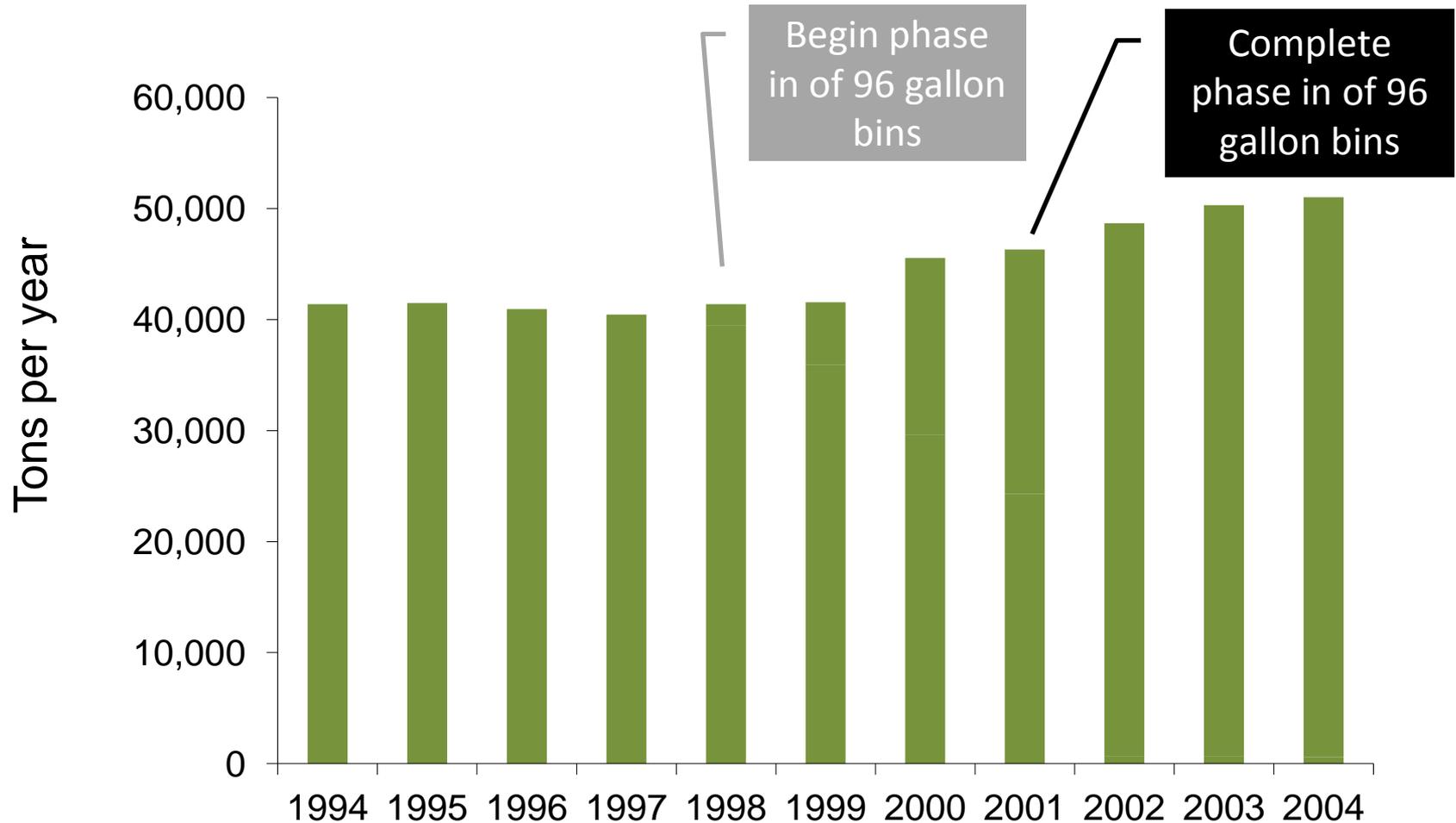


Most effective

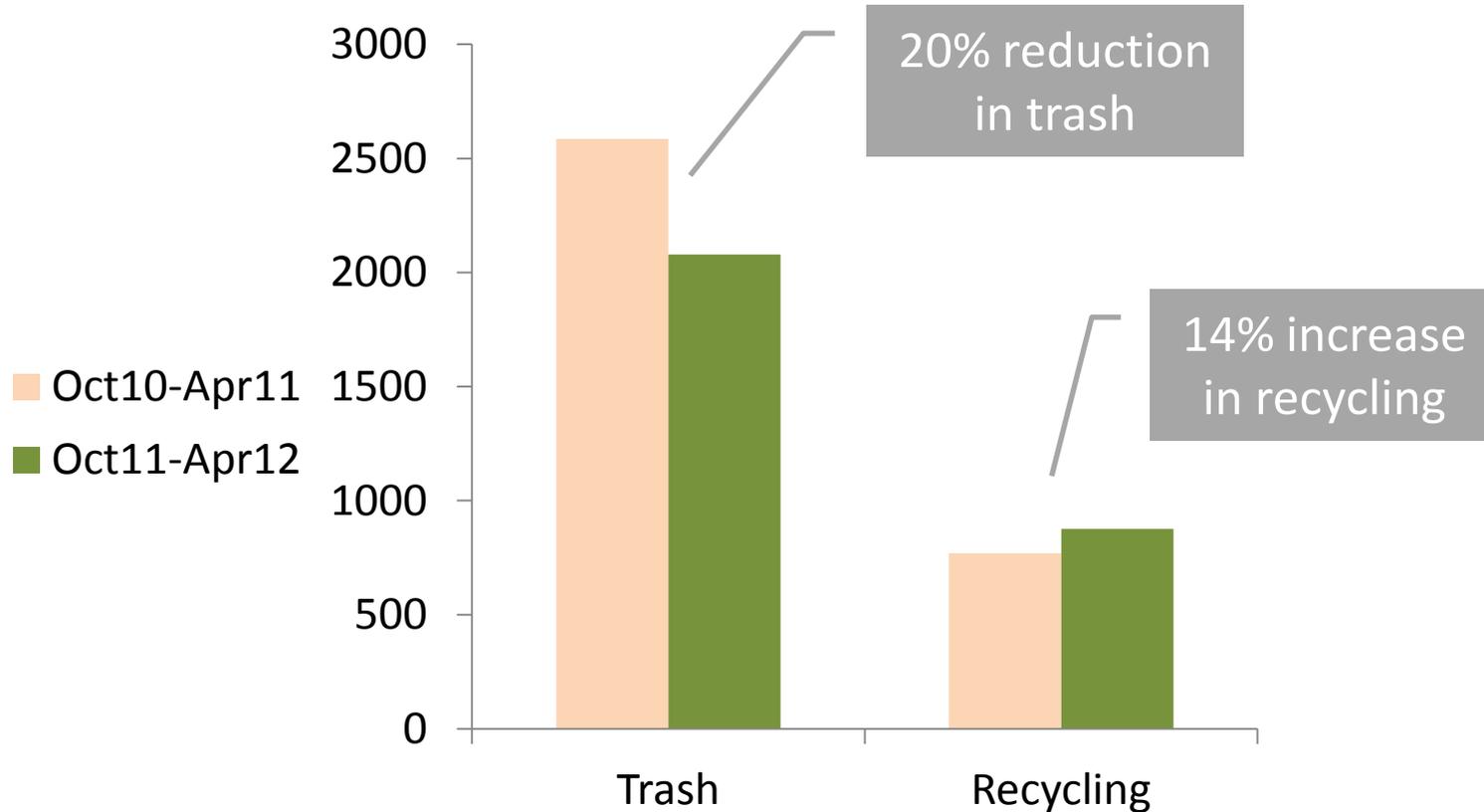
Projected savings for CT towns if UBP was implemented



Increase the bin size, increase the volume collected



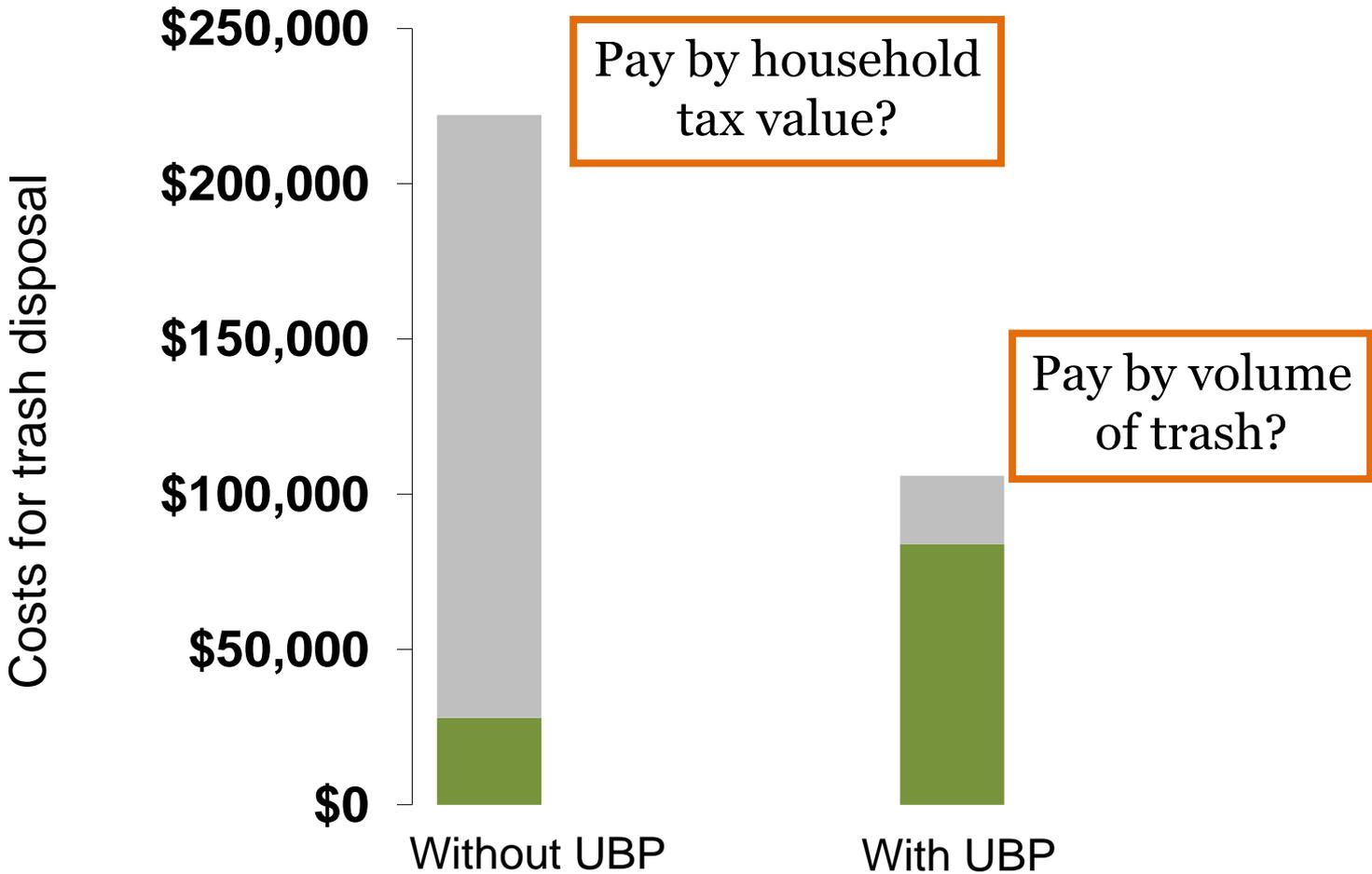
Reduce trash bin size = save money and reduce trash



Residential disposal savings = \$35,855

Bedford, MA
Data from Carolyn Dann, MA DEP

How we pay for trash makes a difference



- Transfer Station Stickers & Bags (with UBP)
- Property taxes

Saving
money in
your town



Photo credit: Treehugger

Pricing is independent of collection systems

A good time to introduce unit based pricing is when other changes are taking place in your town

Change pricing system at the same time as adopting single stream collection or automated collection

Change pricing system at the same time as renewing hauler contracts



Change the way we pay so we can control costs



Reducing trash saves money



Pricing is independent of collection systems