



SUSTAINABLE MATERIALS MANAGEMENT (SMM) GRANT PROGRAM UPDATE

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STATUS OF 15 SMM PILOTS

5 communities adopted permanent programs

- Bethel (launched in July 2024)
- Guilford (launched in Nov 2024)
- Kent (launched in July 2024)
- Middletown Sanitation District (launched in Nov 2023)
- Woodbury (launched in July 2024)

2 pilots transitioning to permanent

- Newtown, Stonington

3 regional entities provided pilot education and implementation support

- HRRA, NVCOG, SCRCOG

8 pilots concluded

- Ansonia, Deep River, Madison, Meriden, Middlebury, Seymour, West Hartford, and West Haven

SMM PILOTS REDUCED WASTE AND INCREASED DIVERSION

Curbside	Total Waste Reduction / Diversion	Waste Reduction / Diversion Breakdown	
		% Food Scrap	% Other Reduction (recycling, source reduction)
Ansonia*	17%	27%	73%
Meriden	1%	NA	NA
Middletown***	17%	11%	89%
Stonington*	7%	79%	21%
West Hartford**	16%	67%	33%
West Haven*	9%	35%	65%

Transfer Station

Deep River	17%	41%	59%
Kent	8%	56%	44%
Middlebury	3%	87%	13%
Newtown	7%	28%	72%
Woodbury	10%	41%	59%

Baseline - *Month to date; **Citywide from previous year; ***Statewide average estimate

SMM PILOTS DIVERTED 1,038 TONS OF FOOD SCRAPS

SMM Pilots contributed
to the reduction of 204
MTCO₂E

=



Removing 47 gas powered
vehicles from the road for
1 year

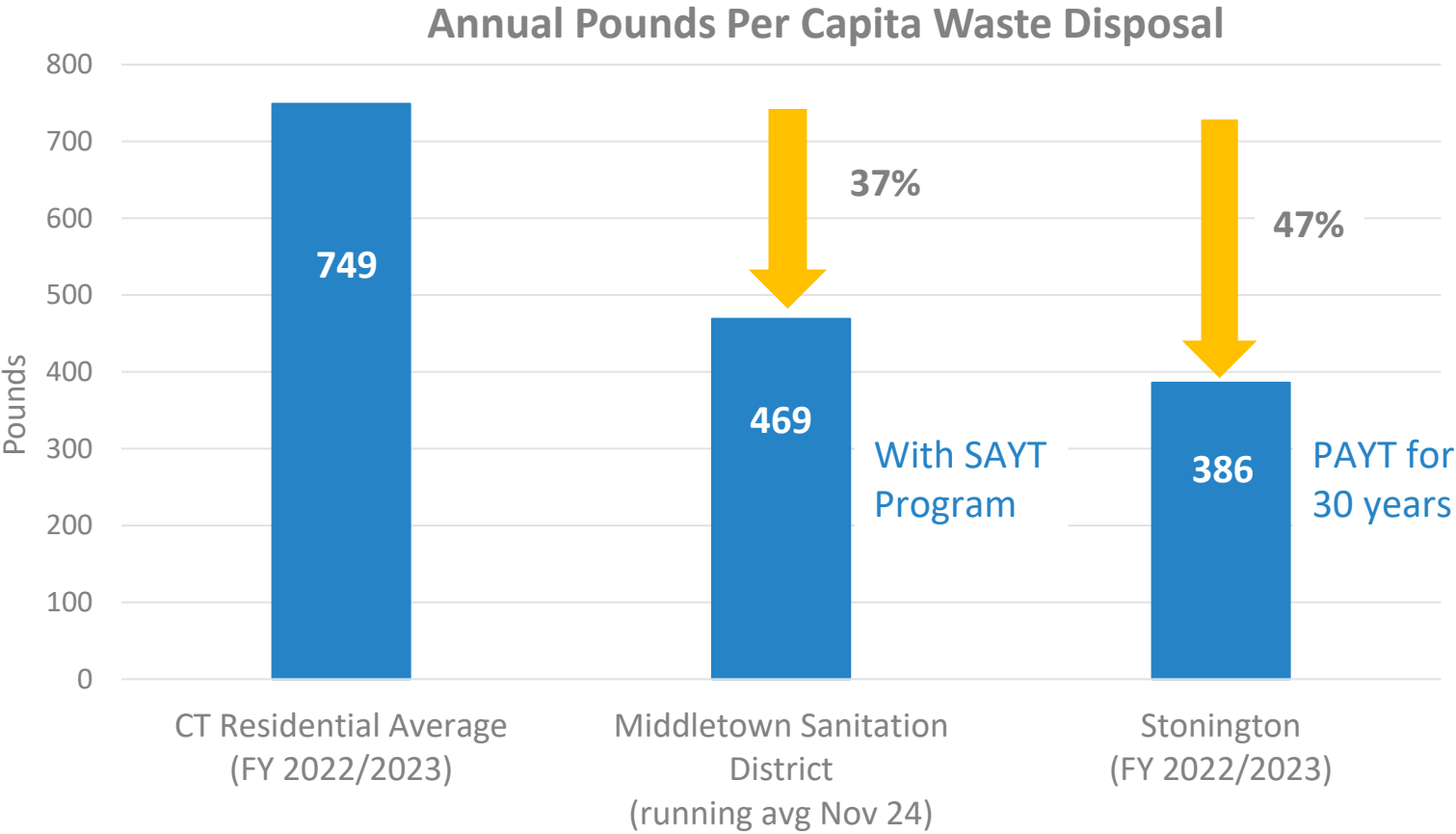


Annual energy use of 47
homes



9,372 propane cylinders for home
barbeques

MIDDLETOWN* IS THROWING AWAY 37% LESS THAN STATE AVERAGE

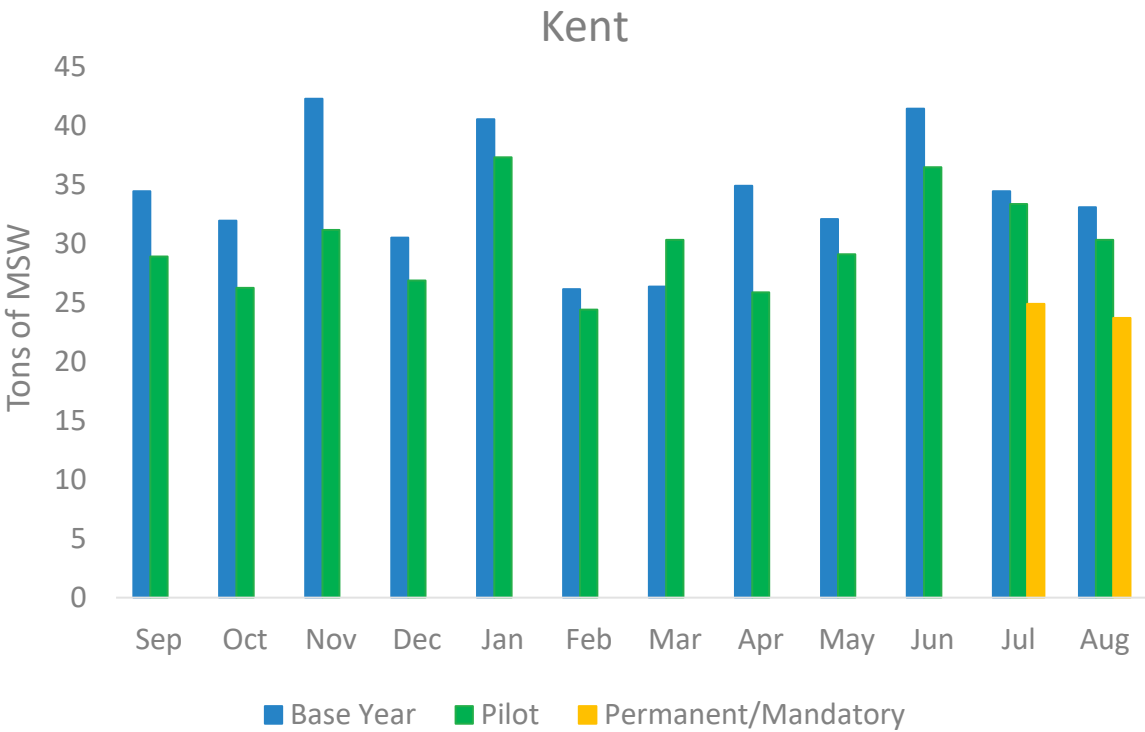
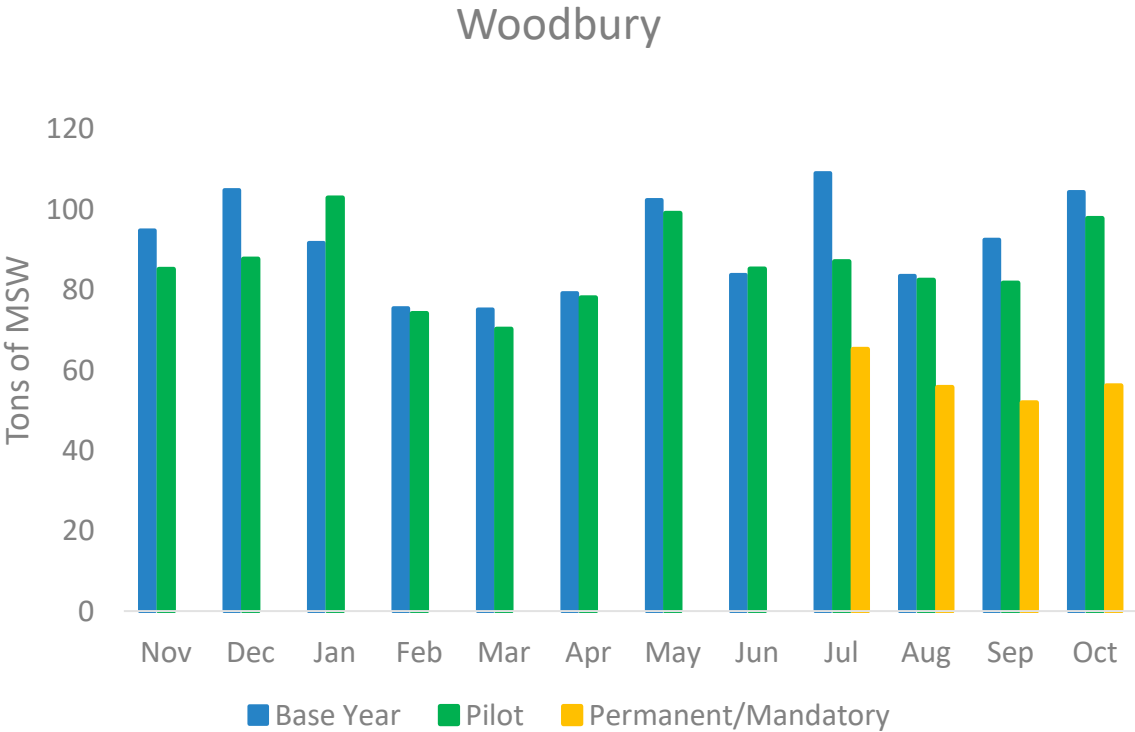


***Middletown Sanitation District’s Save As You Throw (SAYT) program has resulted in residents throwing away 37% less waste than the State average**

TRANSITION TO MANDATORY PROGRAMS DECREASE WASTE SIGNIFICANTLY FROM BASELINE

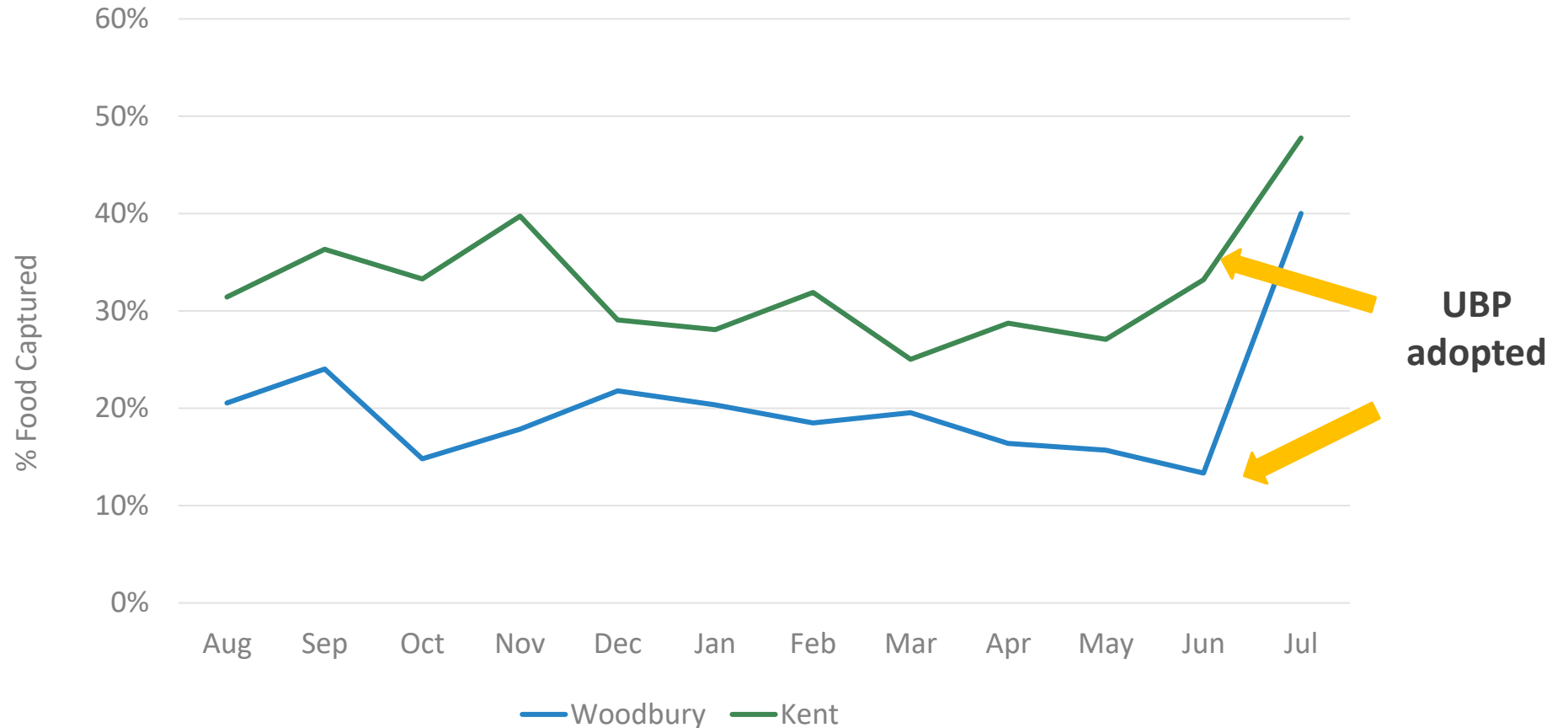
47% reduction of MSW in first 4 months

28% reduction of MSW in first 2 months



TRANSITION TO MANDATORY PROGRAMS INCREASED FOOD SCRAP CAPTURE* AND DIVERSION

Percentage of food scraps captured out of total available in waste stream (2023-2024)



* Calculated based on the Connecticut DEEP 2015 Waste Characterization study, which estimates that food scraps constitute 22% of municipal solid waste (MSW). Food Scrap Capture Rate represents the percentage of this 22% successfully collected and diverted.

PRELIMINARY CONCLUSIONS

Full, mandatory UBP will result in the most significant food capture and waste reduction
- UBP hybrid works too!

UBP adoption is more likely at Transfer Stations due to scope and existing fees for residents

Curbside co-collection of materials works; need infrastructure for sorting and processing

Local program champion is essential; establishment of a waste working group can play critical role in making recommendation to town officials and educating residents