

NYCT Trash Can Free Stations Pilot Update

Station Environment & Operations

January 2014



Subway station refuse collection is a significant 24/7 operation



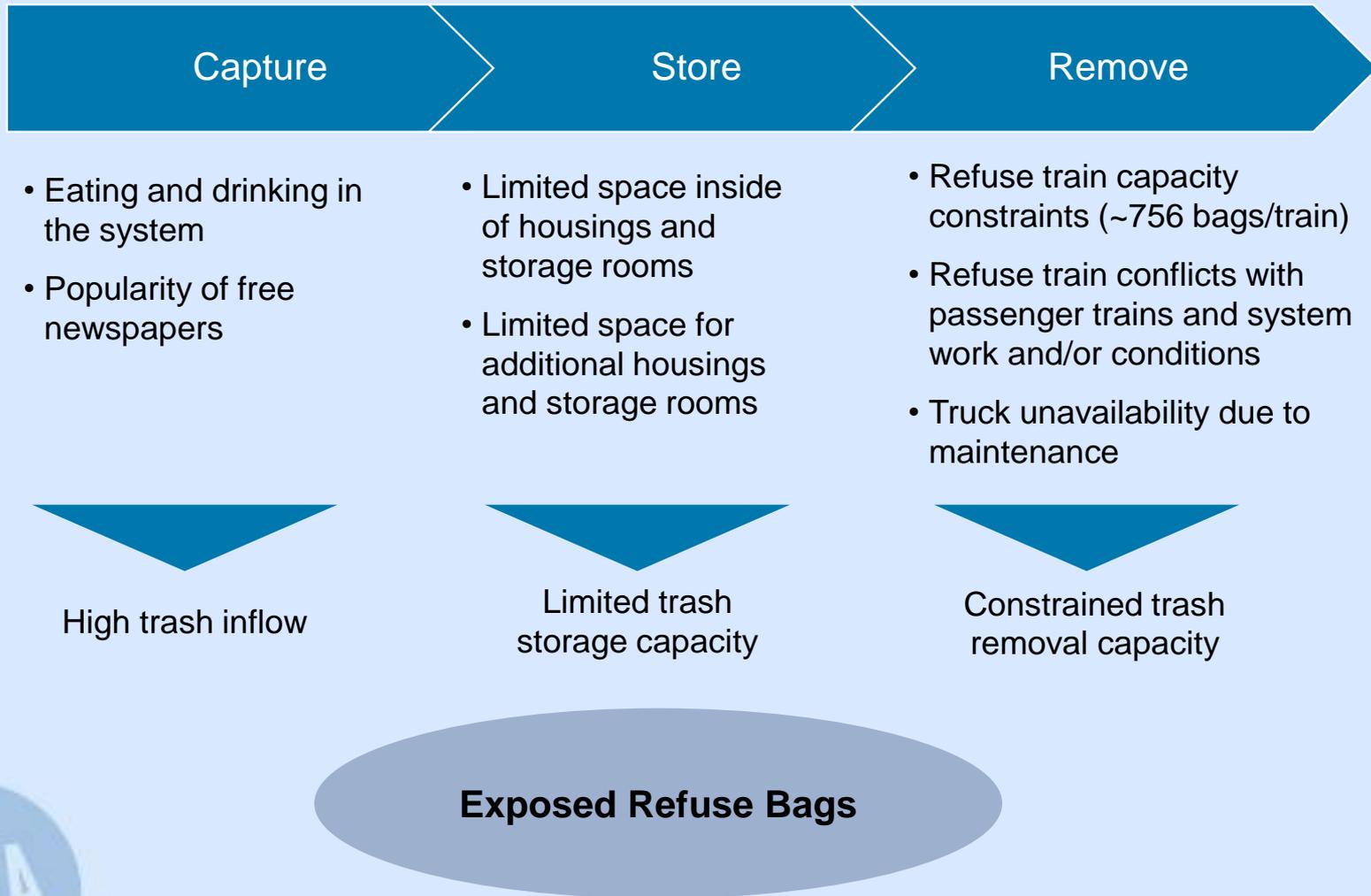
- ~14,000 tons of refuse captured annually (~40 tons per day)
- ~7,000 tons recycled
- Most of the 3,500 refuse receptacles are emptied 3 times a day

- 210 stations have housings on platforms for refuse storage
- 257 stations have dedicated refuse rooms
- Stillwell Avenue-Coney Island is equipped with a compactor

- 11 refuse trains cover 359 stations totaling 567 stops*
- 11 refuse trucks**
- 3rd party collection from yards and transfer points and post-collection sorting of recyclables



Challenges in stations refuse flow contribute to refuse bag exposure



Overflow of refuse in stations is a real impact to customer experience

Observations

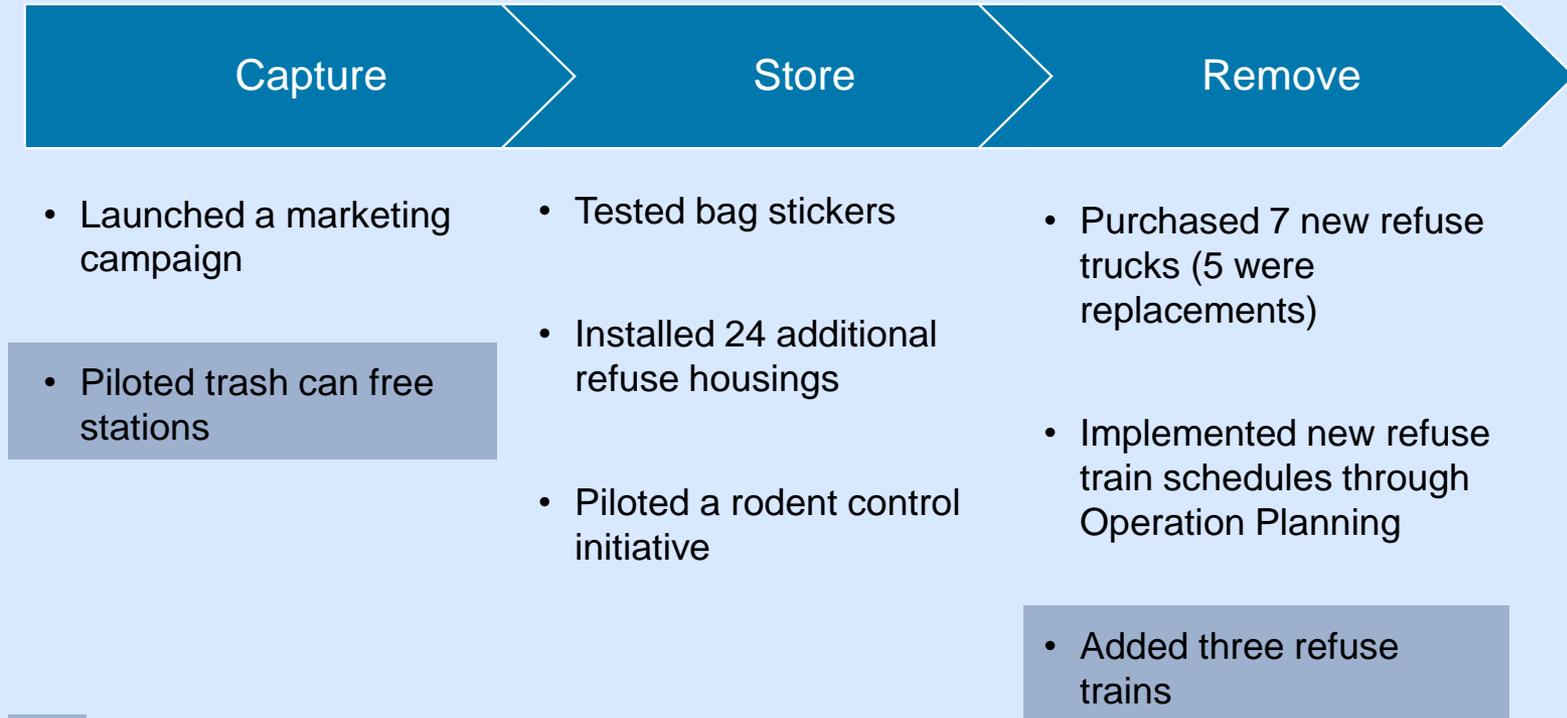
- Unsightliness and malodor of trash bags stored on platforms
- Customer complaints of encounters with rodents
- Customer perception of health and safety hazards

Problem to be solved

How do we minimize poor customer experiences of exposed garbage in stations and eliminate the accompanying presence of rodents?



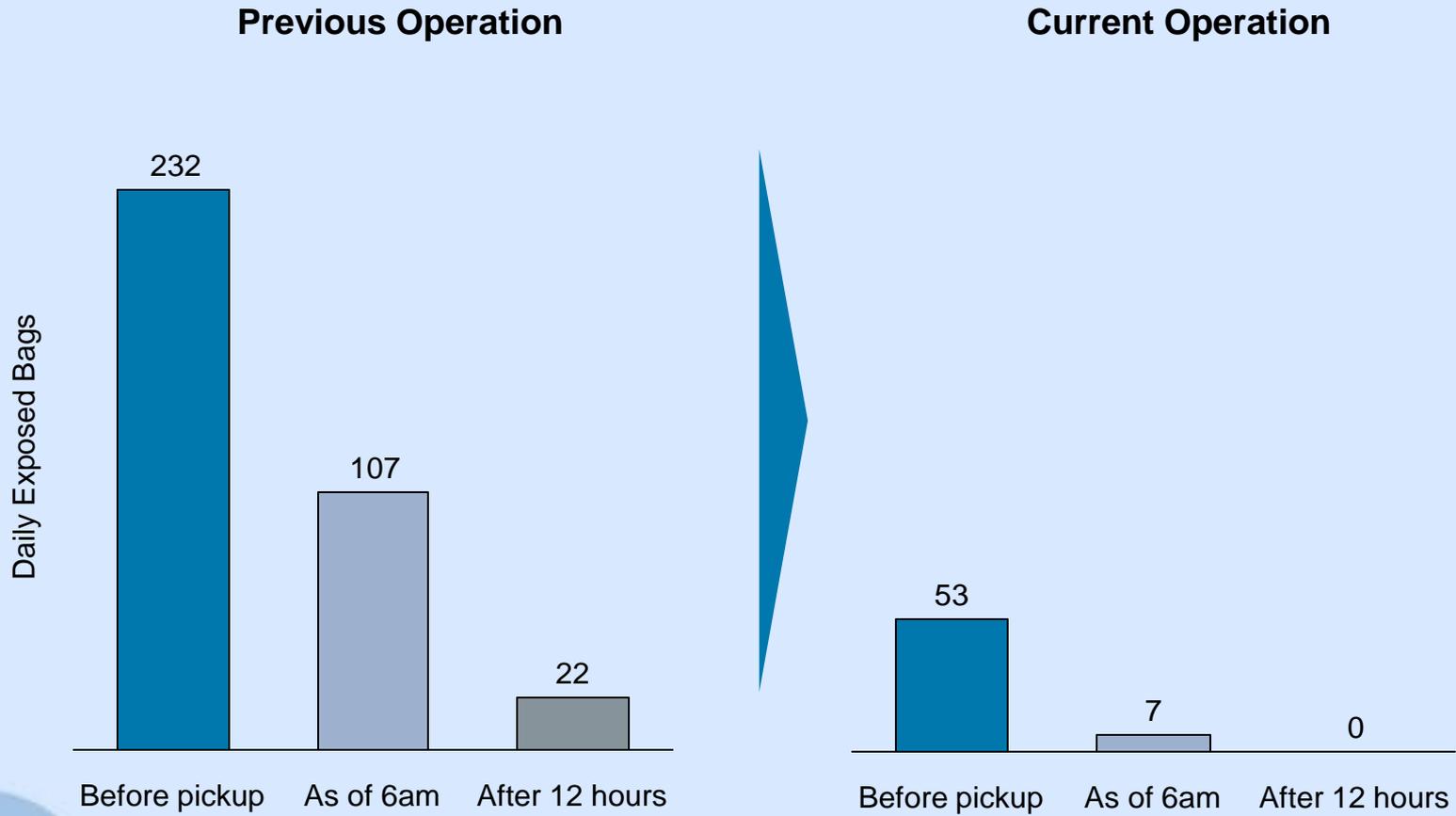
NYCT has taken additional steps to improve refuse overflow at stations



Today's Focus



Adding refuse trains has reduced exposed bag volume at stations



Removal of trash cans from pilot stations has reduced trash volume with minimal offsetting impacts

10 Piloted Stations

Pilot started
October
2011

- Main Street (7 Line, Queens)
- 8 Street (R Line, Manhattan)

Pilot started
September
2012

- 238 Street (1 line, Bronx)
- E. 143 Street (6 line, Bronx)
- 57 Street (F line, Manhattan)
- Rector Street (1 line, Manhattan)
- 7 Avenue (F/G lines, Brooklyn)
- Brighton Beach (Q line, Brooklyn)
- 111 Street (A line, Queens)
- 65 Street (M/R line, Queens)

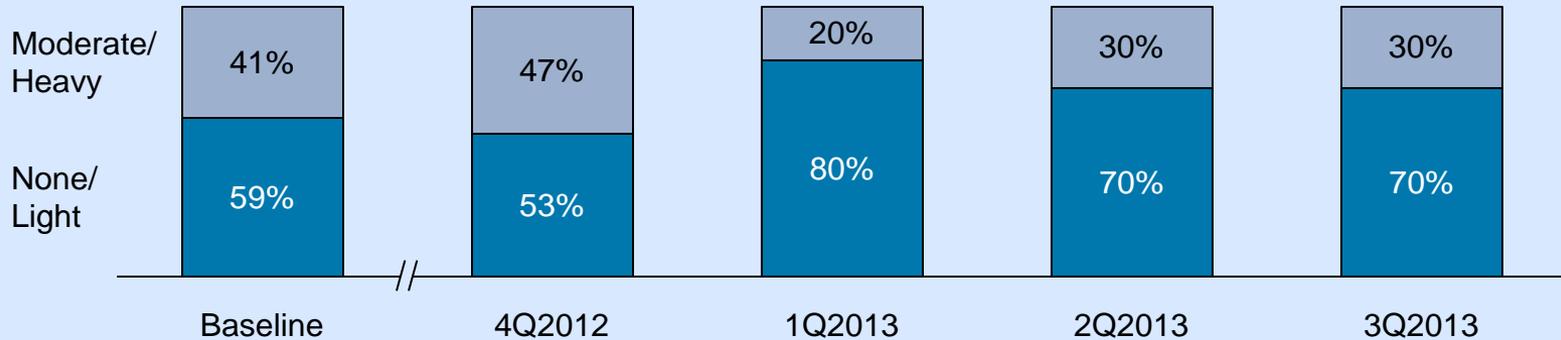
Pilot Results

- Bags collected reduced by 66%
- Bags collected from tracks increased by 3.2%
- Track fires remained consistent with system averages
- Rodent population decreased or remained unchanged
- PES Scores fell slightly initially but rebounded to pre-pilot levels
- Reduced bags allowed already present station cleaners to expand other cleaning efforts

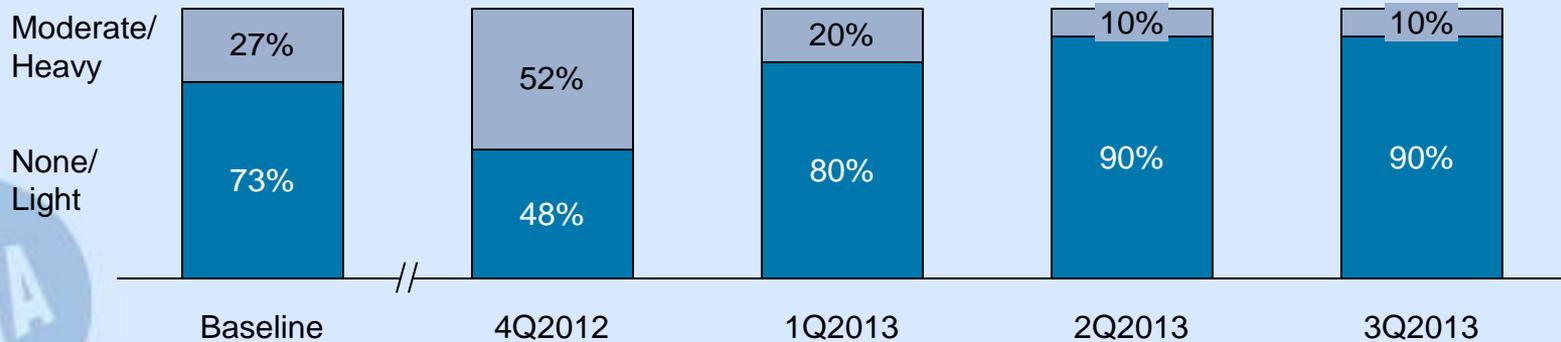


The appearance of moderate/heavy litter in pilot stations has decreased

Surveyed Daytime Presence of Litter¹, Pilot Stations



Surveyed Overnight Presence of Litter¹, Pilot Stations



1 – Survey included all components of stations (mezzanine, passageway, platform, stairways and trackbed)

Proposal for moving forward:

- Continue pilot for existing 10 trash can free stations
- Expand pilot to an additional 29 stations on the  and  lines
 - Establish baseline conditions at selected stations
 - Monitor trash collection and station cleanliness
 - Increase track cleaning frequencies to reduce the potential for track debris fires

