



# Curbside Composting Program Analysis

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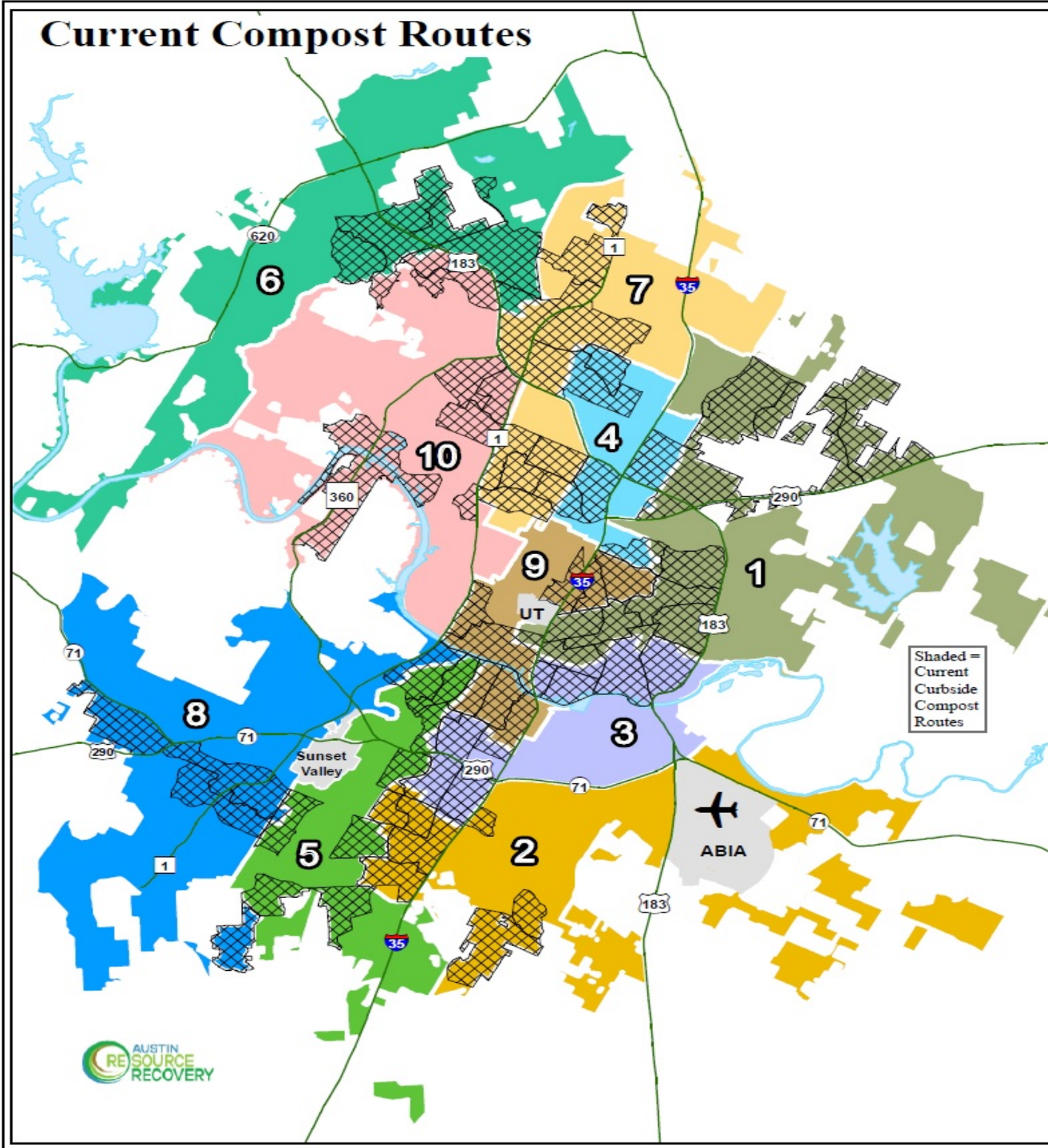
# Overview

## Compost Set-Out Study Compost Material Audit





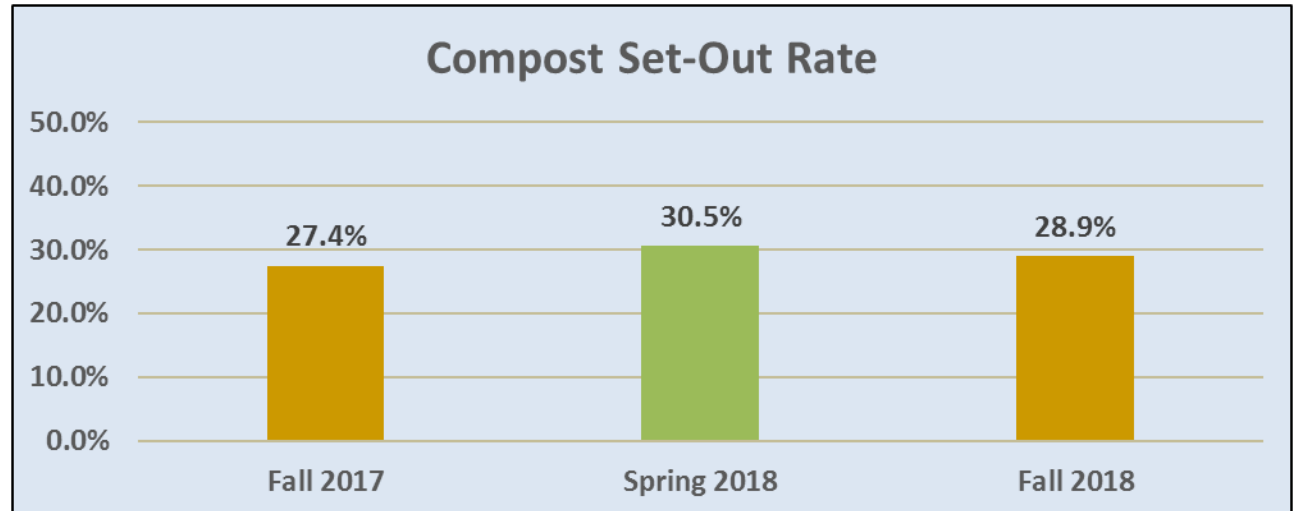
# Current Compost Routes



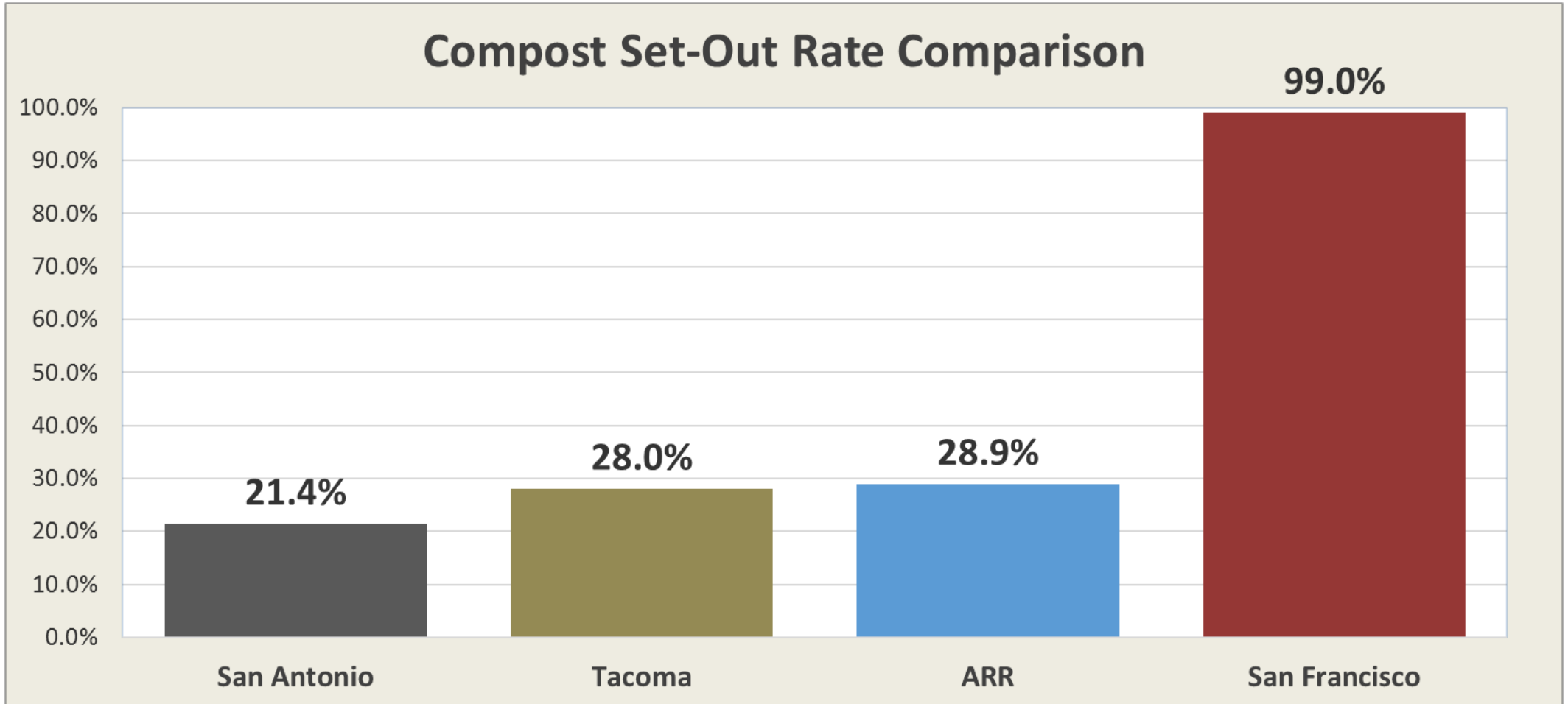


# Compost Set-Out Study

- From November 2018 to January 2019, the Residential Quality Services (RQS) team conducted a Compost Set-Out Study
- Inspected 40 Curbside Compost routes twice
- Anomalies were looked at a third time (19 routes)
- Overall set-out rate of 28.9%



# Compost Set-Out Rates







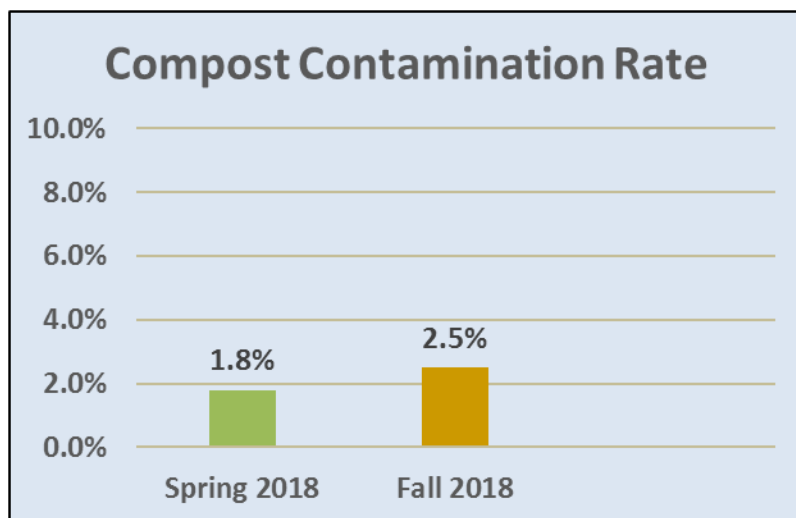
# Compost Material Audit

- **Compost Material Audit (August 2018)**
  - RQS team assessed 54 of 67 compost routes
  - 90% confidence level in data collected
  - Used the American Society for Testing and Materials (ASTM) Standard D 5231-92 Municipal Solid Waste Sampling Method
    - Collected 200-300 pound samples from each compost route
    - Sorted sample contents into categories by material:
      - Food Scraps
      - Soiled Paper
      - Yard Trimmings
      - Garbage
      - Recyclables

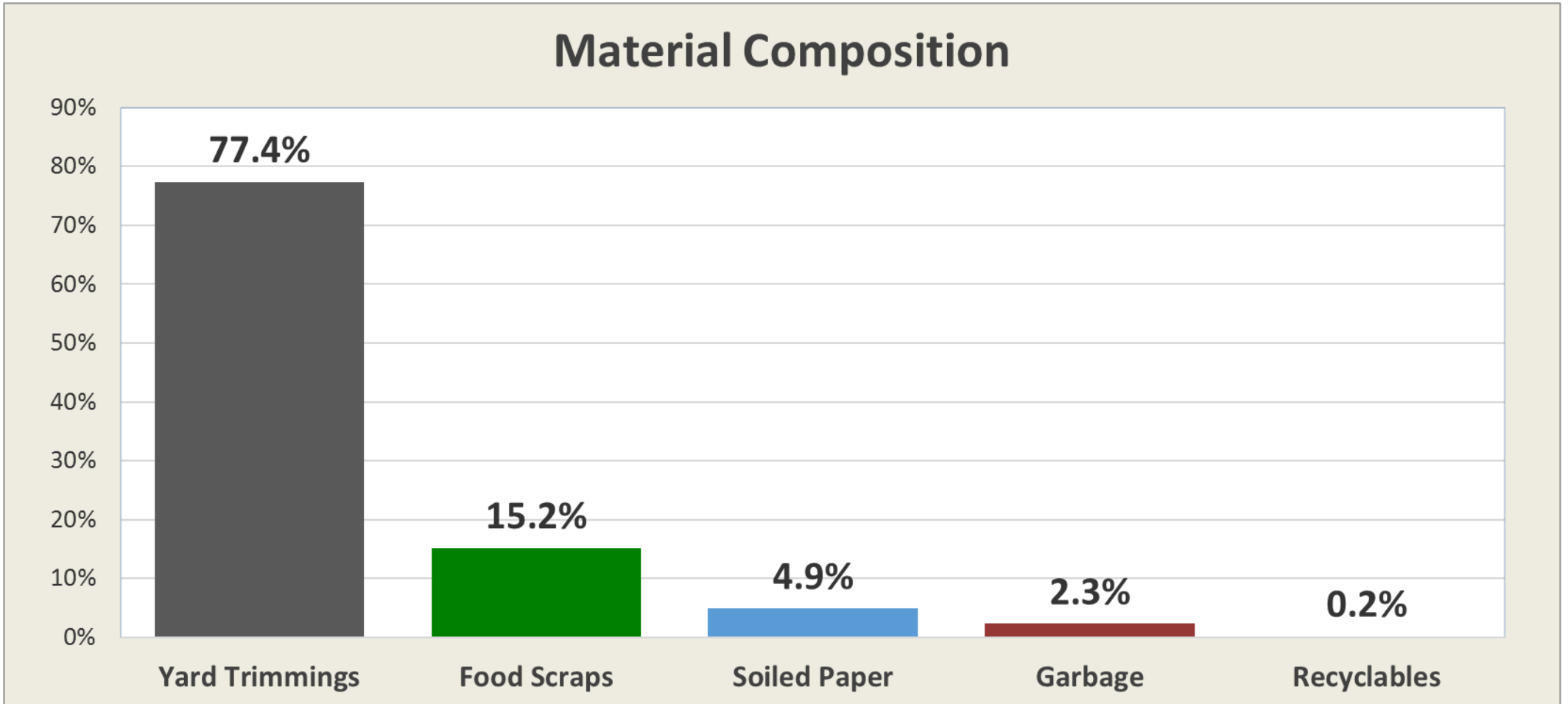


# Compost Material Audit

- Weighed each category
- Divided contaminant weight by total weight to identify contamination rate
- 2.5% contamination rate

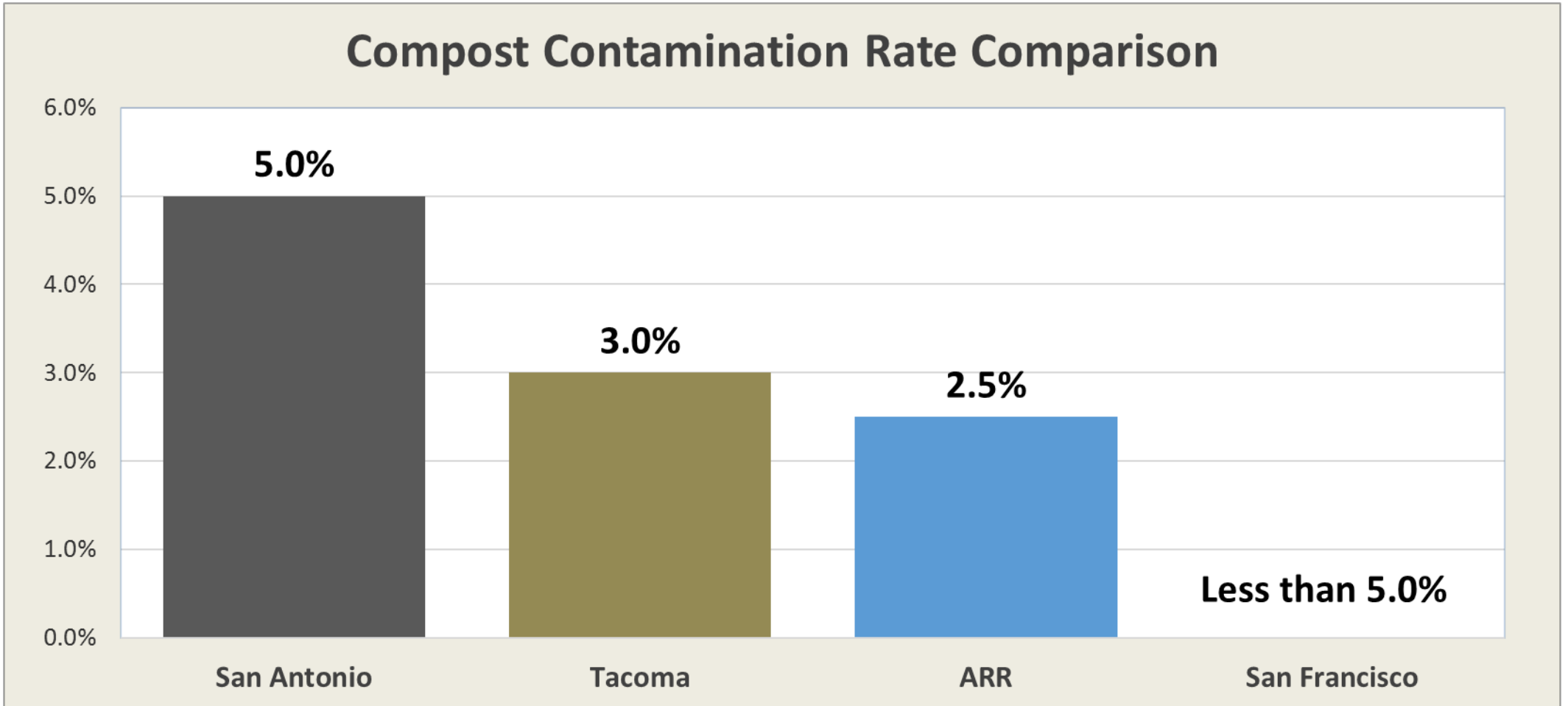


# Compost Material Audit



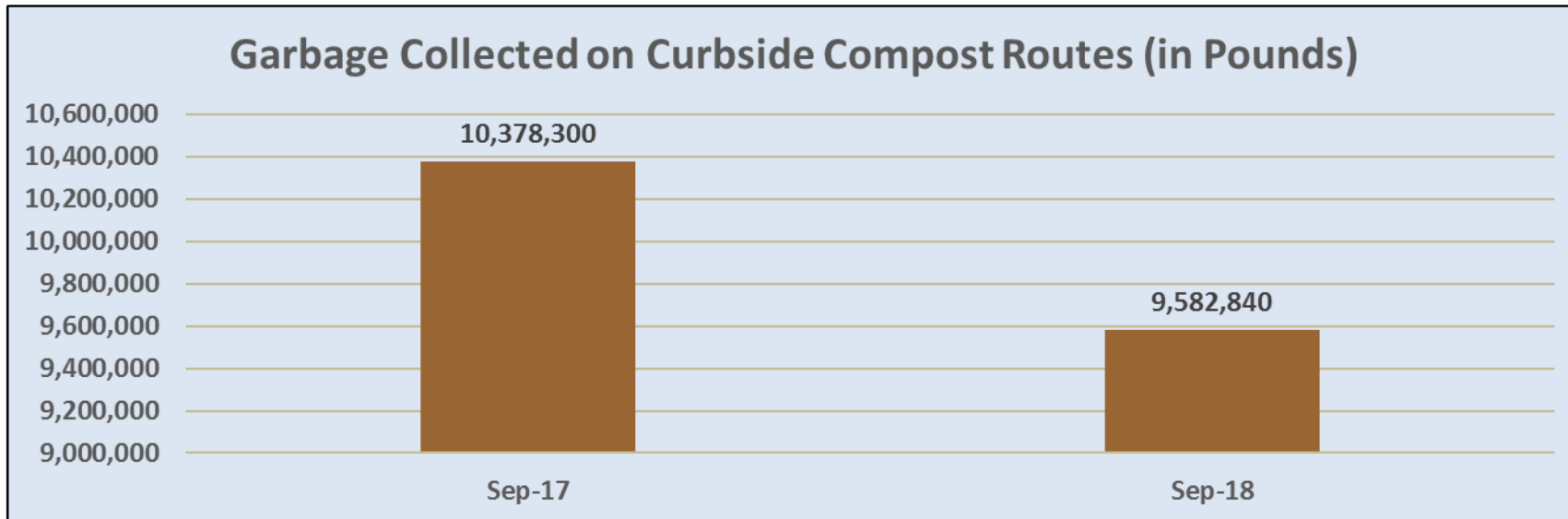


# Compost Contamination Rates



# The Impact on Garbage Collection

- There are 111 curbside garbage collection routes within the 67 curbside compost collection routes.
- Of the 111 curbside garbage collection routes, 70 of the 111 (63.1%) had a decrease in collection weight.
- Overall, there was a 7.7% decrease in garbage collected (almost 800,000 pounds or 400 tons) on the curbside garbage collection routes with curbside compost collection.





# What Happens Next

- **RQS will conduct Compost Set-Out Studies and Compost Material Audits on a regular basis to account for seasonal changes and provide a long-term comparison**
- **Five Year Follow-Up to Characterization Study**
  - **Internal and External Study Due 2020**





# QUESTIONS?

