

sustainable  tempe

**Public Works
Solid Waste Management Diversion
Update**

**City Manager's Update
December 8, 2016**

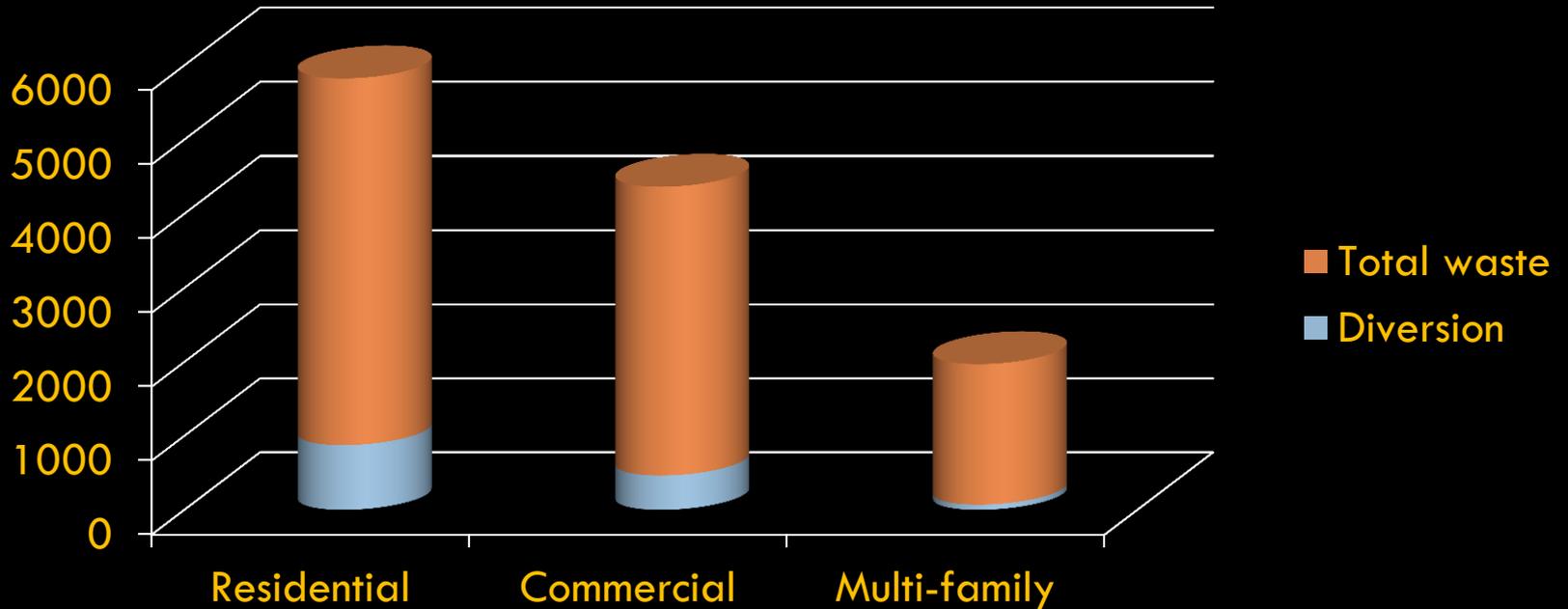
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Council diversion goals by 2020



- 40% residential
- 25% commercial/industrial
- 9% multi-family
- 70% voluntary multi-family recycling participation

Waste stream and diversion



Residential diversion

- Overall goal = 40% / Current = 20.3%
- Current Blue Barrel Program = 24.2%
- Current uncontained/bulk trash = 8.7%
- Current HPPC = 86%



Approaches

- ▣ Voluntary curbside green organics pilot program
 - 5,200 households identified
 - 500 participating households
- ▣ Studying incentivized diversion



Commercial diversion

Goal = 25% / Current = 5.9%

□ Strategies

- Food waste
- Schools
- Customer recruitment and retention



Multi-family diversion

- Goal = 9 % / Current = 5.30%
- Goal = 70 % voluntary participation / Current = 45%
- Strategies
 - Customer recruitment and retention
 - In-home experience
 - Property management education



Diversion methodology



□ Possibilities

- Cubic yards generated/diverted per household/day
- EPA Waste/GHG Reduction Model (WARM)