

Textile Recycling



History

- Proposal to City Council – June 2015
- Decided to bid Textile Recycling – August 2015
- Three proposals received – April 2016
- Simple Recycling provided the best value to the City of Plano



The U.S generates and average of **25 BILLION POUNDS** of textiles* per year.¹

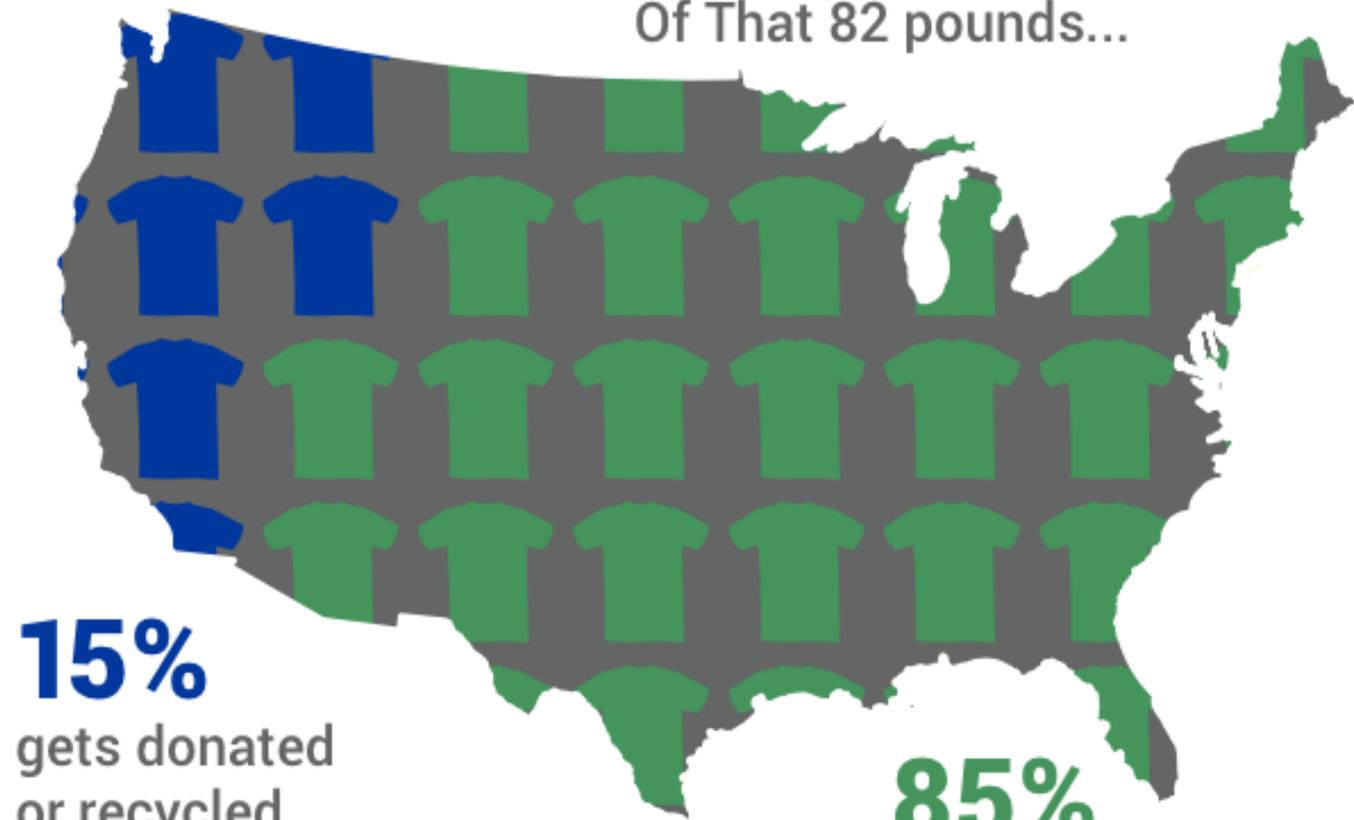
* Textiles includes clothing, gootwear, accessories, towels, bedding, drapery, etc.



That's about **82 POUNDS** per U.S. resident.



Of That 82 pounds...

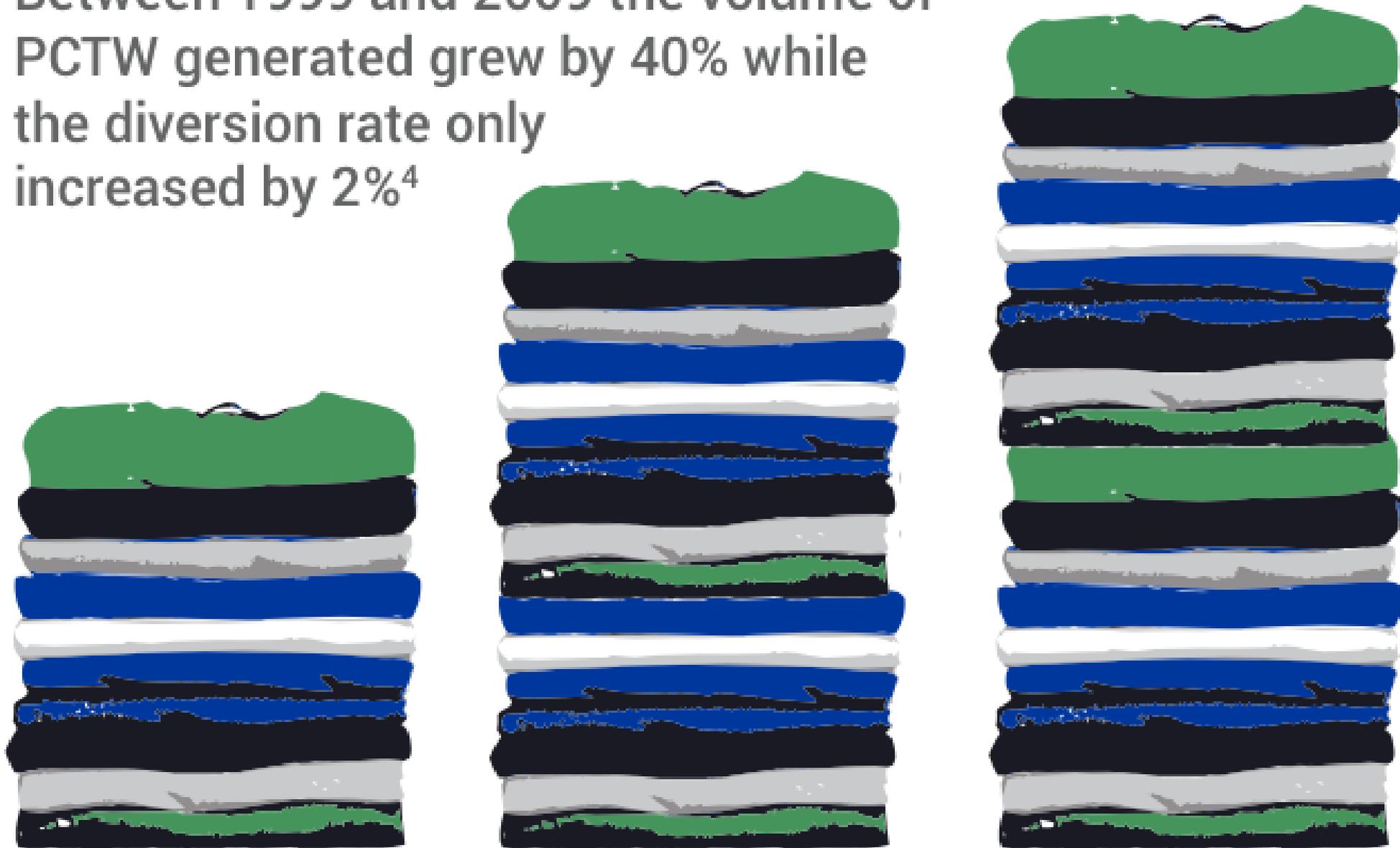


15% gets donated or recycled
3.8 billion lbs recorvered through donation/recycling;
(12 lbs. per person.)

85% goes to our landfills.²
(70 lbs. per person)

AND THIS AMOUNT IS GROWING

Between 1999 and 2009 the volume of PCTW generated grew by 40% while the diversion rate only increased by 2%⁴



WHAT HAPPENS TO YOUR RECYCLED USED CLOTHING?

Once a resident determines that their clothing, shoes, handbags, or household textiles have reached the end of their useful life, materials are collected by Simple Recycling and collected clothing is sorted and graded for condition.



10-20%

Top quality materials are sold to local thrift stores where they create access to low cost clothing and jobs for local residents.



80%

The vast majority of clothing collected is not resaleable in the U.S. so it is further sorted for international export or broken down for raw materials.



45%

Reused and Repurposed
Majority exported as secondhand clothing.



30%

Recycled and Converted
Reclaimed wiping rags are used in various ways as industrial and residential absorbents.



20%

Recycled into Fiber
Post-consumer fiber is used to make home insulation, carpet padding, and raw material for the automotive industry.



Only **5%** ends up as waste.

Thrift industry employs nearly 100,000 workers in the U.S. with over \$1 billion wages paid. In addition, private sector recyclers create an additional 15,000 to 20,000 jobs nationally.¹

FREE CURBSIDE CLOTHING & HOME GOODS RECYCLING PROGRAM

FREE

TURN
KEY

SIMPLE
& EASY

SAVE \$
MAKE \$



COST TO YOUR RESIDENTS = \$0

COST TO YOUR CITY = \$0



Details & Logistics

Simple Recycling provides:

- Free residential curbside pickup service
- Specially designed recycling collection bags
- All informational materials
- All trucking, pickup expenses & program management
- Local jobs
- All related insurance coverage
- Work with local non-profits and charity groups to increase total recycling versus compete against them

Your city provides:

- Supplemental notification & information to residents



Plano

Collection & Revenue Estimates

Estimated Annual Diversion Volume : 1.5M lbs/year

Annual Value Generated: \$43,687.50

(\$20 / ton revenue + \$38.25 / ton disposal fee savings)

Cost to the City of Plano: \$0.00

Cost to Plano Residents : \$0.00

Cities in Texas that Implemented Simple Recycling

- Bedford, TX
- Little Elm, TX
- Kennedale, TX
- Haltom City, TX
- Austin, TX (4th Quarter 2016)
 - Sugarland, TX
 - Texas City, TX



Simple Recycling Timeline - Update

- August – Approve Contract
- September:
 - Finalize promotional packet
 - Confirm collection areas and operational aspects
 - Outreach to local non-profits and charity based organizations
- October – Distribute Promotional Packets
- November – Kick off Residential Collections



Importance of Recycling

- Reduces Plano's Solid Waste Disposal Percentage and Cost with NTMWD
- Opportunity for generating revenues
- Support of resource conservation and environmental stewardship
- Simply the right thing to do

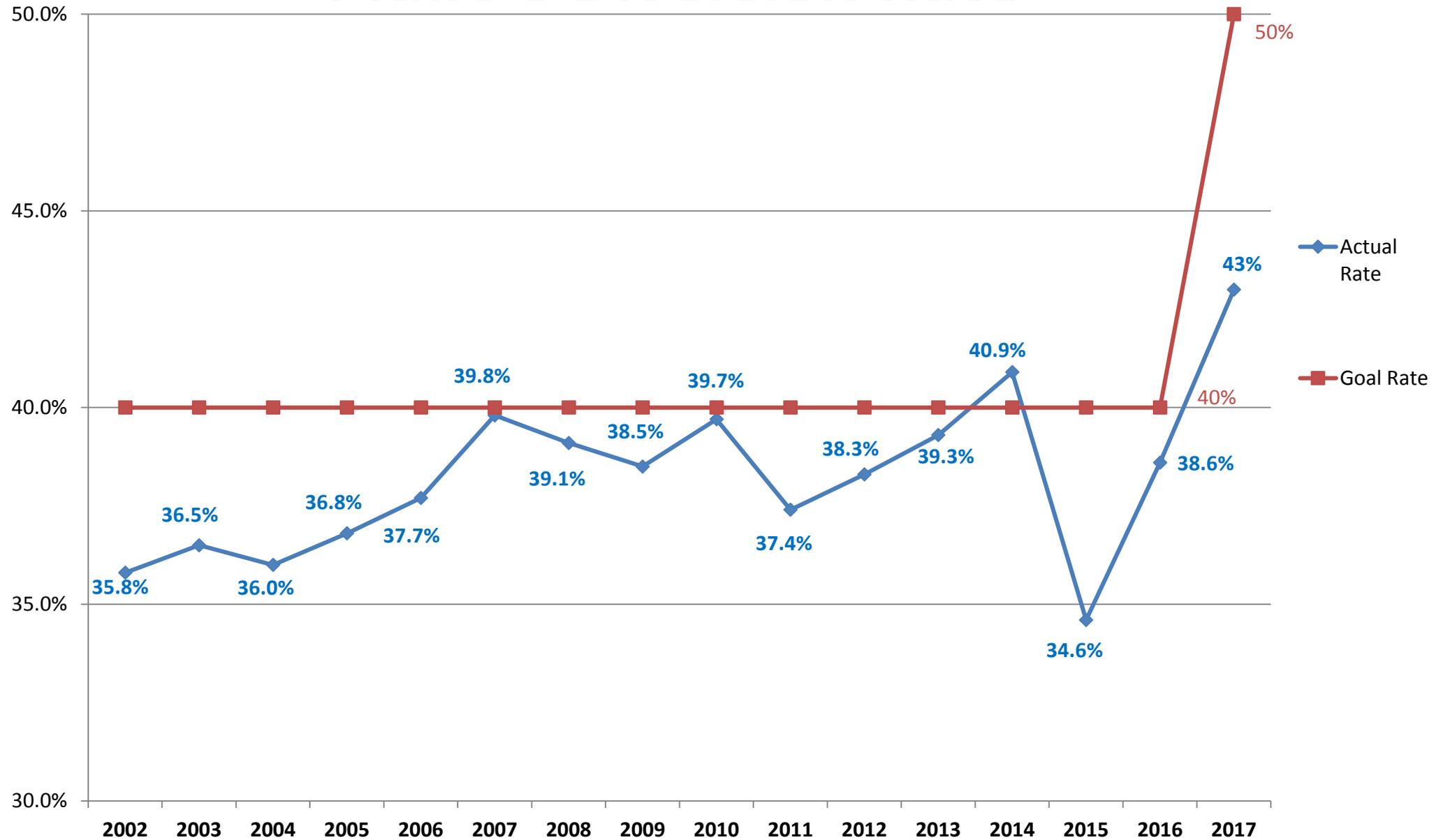


Existing Recycling Activities

- Residential: Single-stream, Yard Trimmings & Household Chemical Collections
- Commercial: Single-stream, Organic and Construction & Demolition
- Electronics Program with United Electronic Recycling
- Community-based Single-stream Drop-off locations



Plano's Diversion Rate



Recycling Future

- Reach goal of 50% Recycling Rate
- Implement the SimpleRecycling program – November 2016
- Continue Recycle Right Plano Educational Campaign
- Changes to Construction & Demolition Recycling Program
- Star Program - Goal of Zero Waste by 2050



Questions

