

THE FUTURE OF

SOLID WASTE &

RECYCLING



WE HAVE AN

ANTIQUATED SYSTEM



WE HAVE AN

ANTIQUATED SYSTEM



WHAT DO YOU SEE?



LEACHING
CLEANOUT
C5-4

WHAT DO YOU SEE?



2014

2013

2012

2011

2010

2009

2.5 TRASH BAGS PER WEEK FOR THE

AVERAGE FAMILY



THE FUTURE OF

SOLID WASTE & RECYCLING

HOW WE COLLECT

TRASH & RECYCLING



HOW WE COLLECT

TRASH & RECYCLING



HOW WE COLLECT

TRASH & RECYCLING



HOW WE COLLECT

TRASH & RECYCLING



HOW WE COLLECT

TRASH & RECYCLING



HOW WE COLLECT

TRASH & RECYCLING



HOW WE COLLECT

TRASH & RECYCLING



THE FUTURE OF

SOLID WASTE & RECYCLING

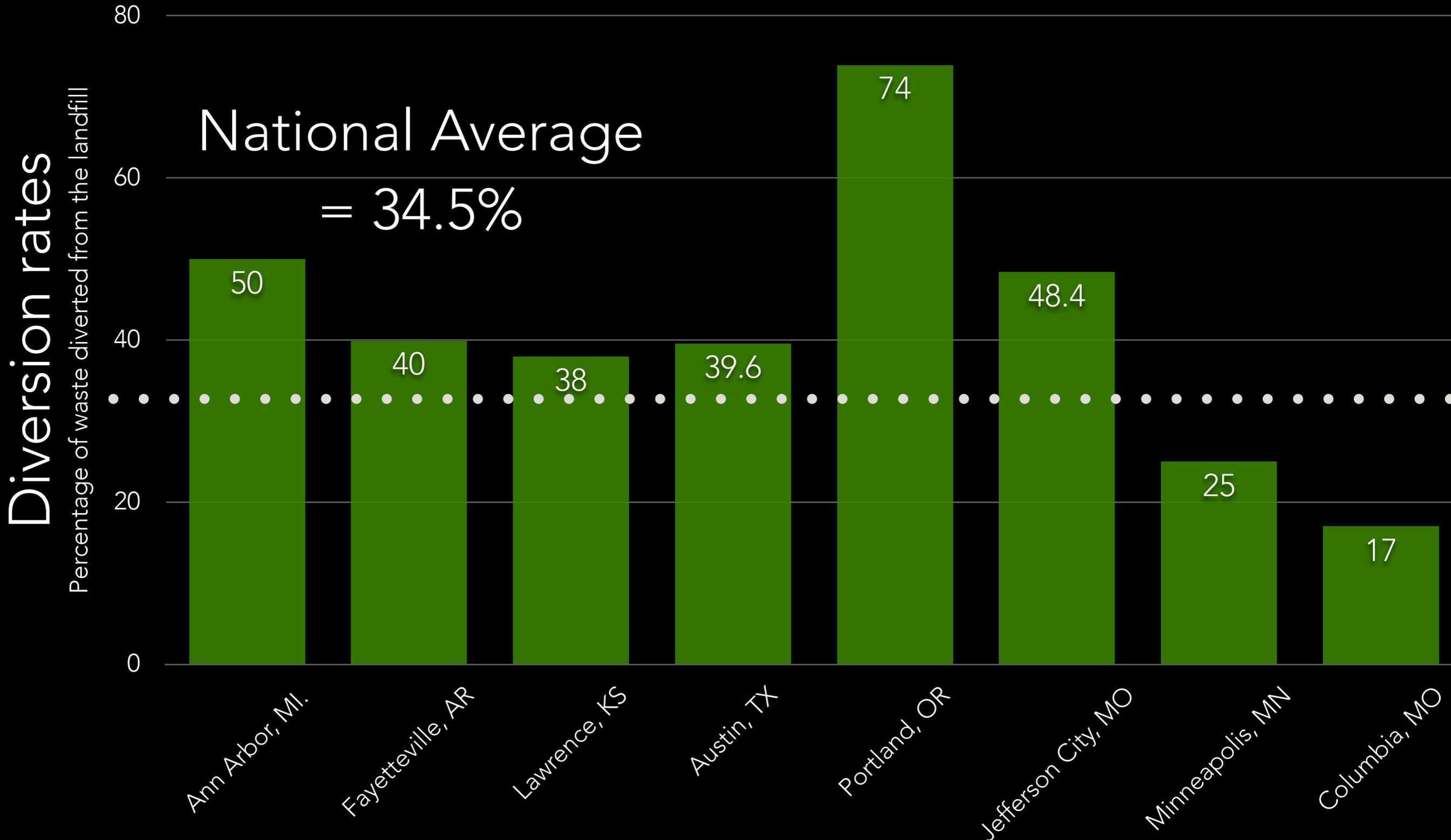
BENCHMARKING

HOW DO WE COMPARE?

Diversion rates

BENCHMARKING

HOW DO WE COMPARE?



THE FUTURE OF

SOLID WASTE & RECYCLING

AUTOMATED SYSTEMS

HOW DO THEY DO IT?

AUTOMATED SYSTEMS

HOW DO THEY DO IT?



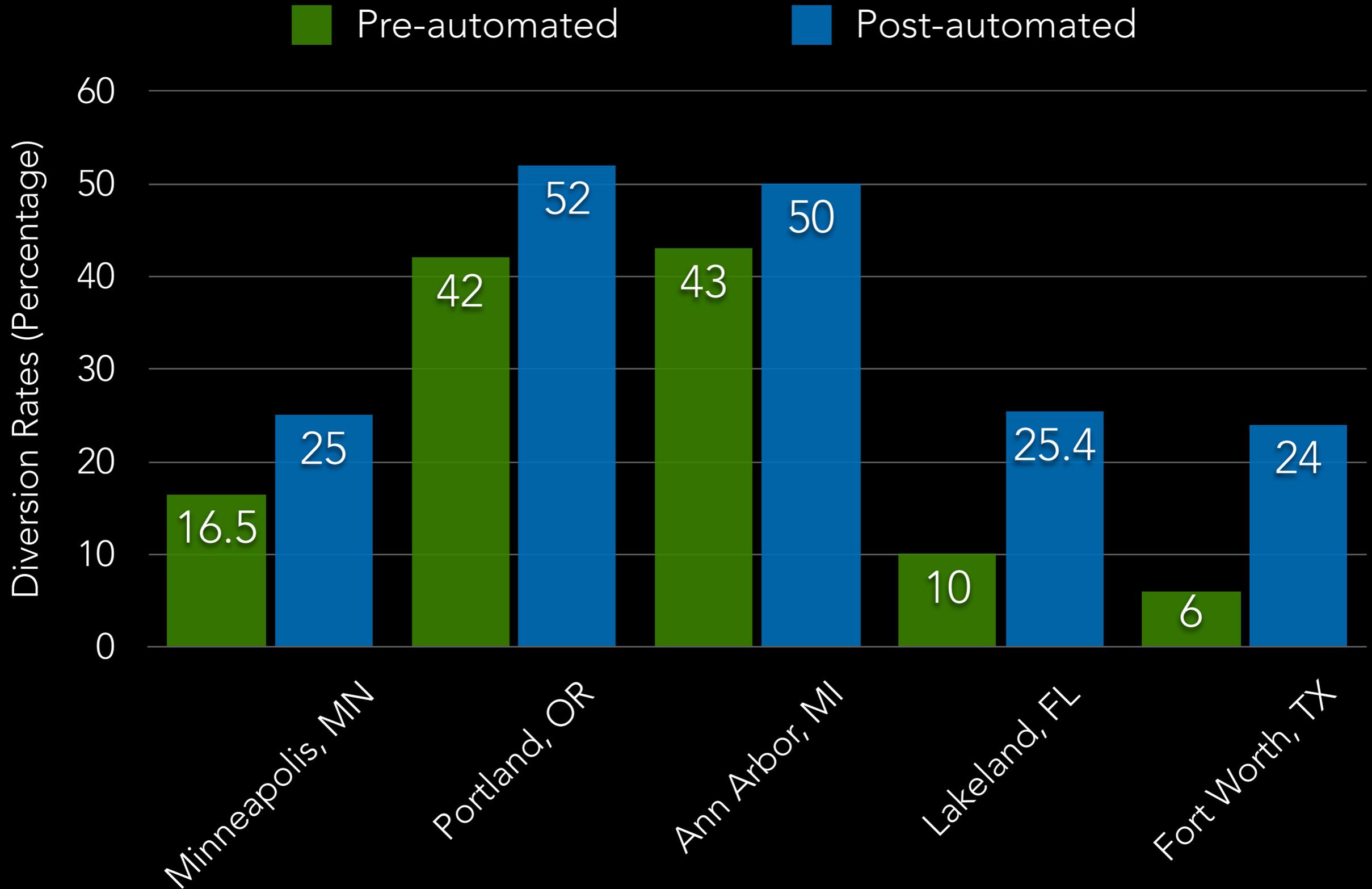
AUTOMATED SYSTEMS

HOW DO THEY DO IT?



AUTOMATED SYSTEMS

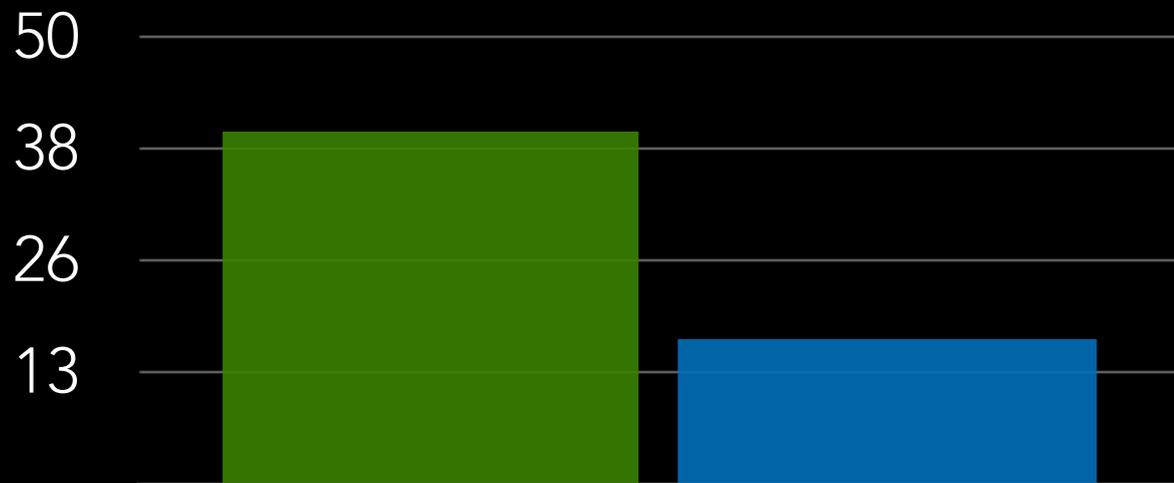
HOW DO THEY DO IT?



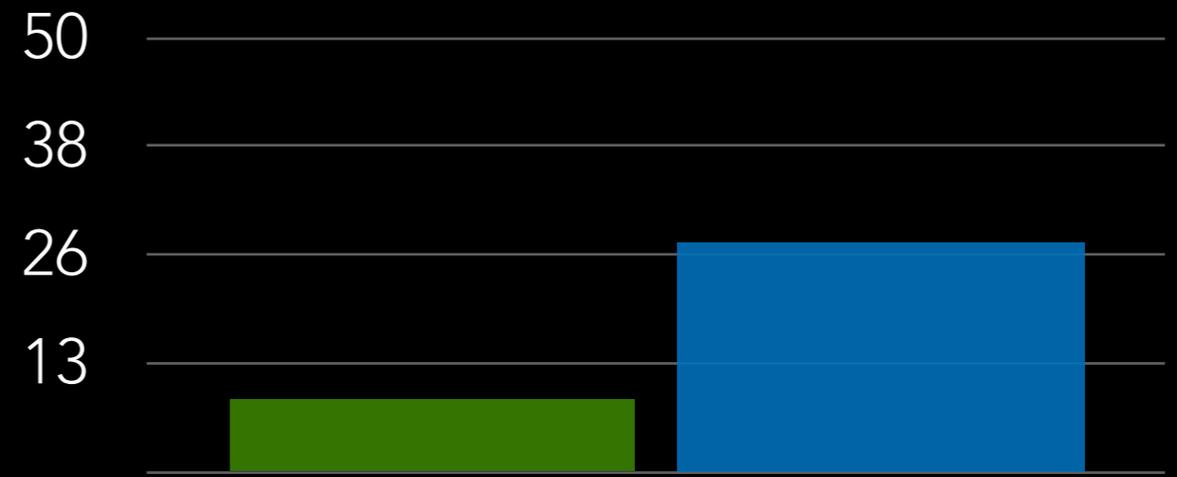
LEADER COMPARISON: AUSTIN VS COLUMBIA

HOW DO WE COMPARE?

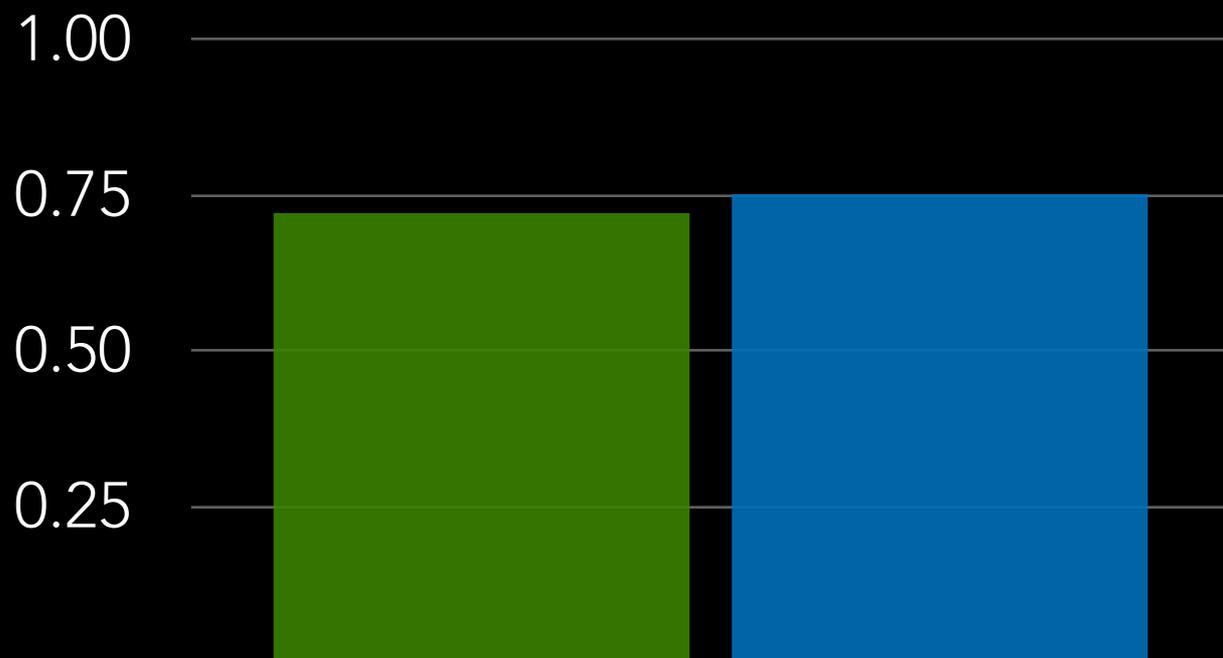
Austin Columbia



Diversion rate



Expenditure per capita



Tons per capita



Customer Satisfaction

LEADER COMPARISON: AUSTIN VS COLUMBIA

HOW DO WE COMPARE?

Austin Columbia

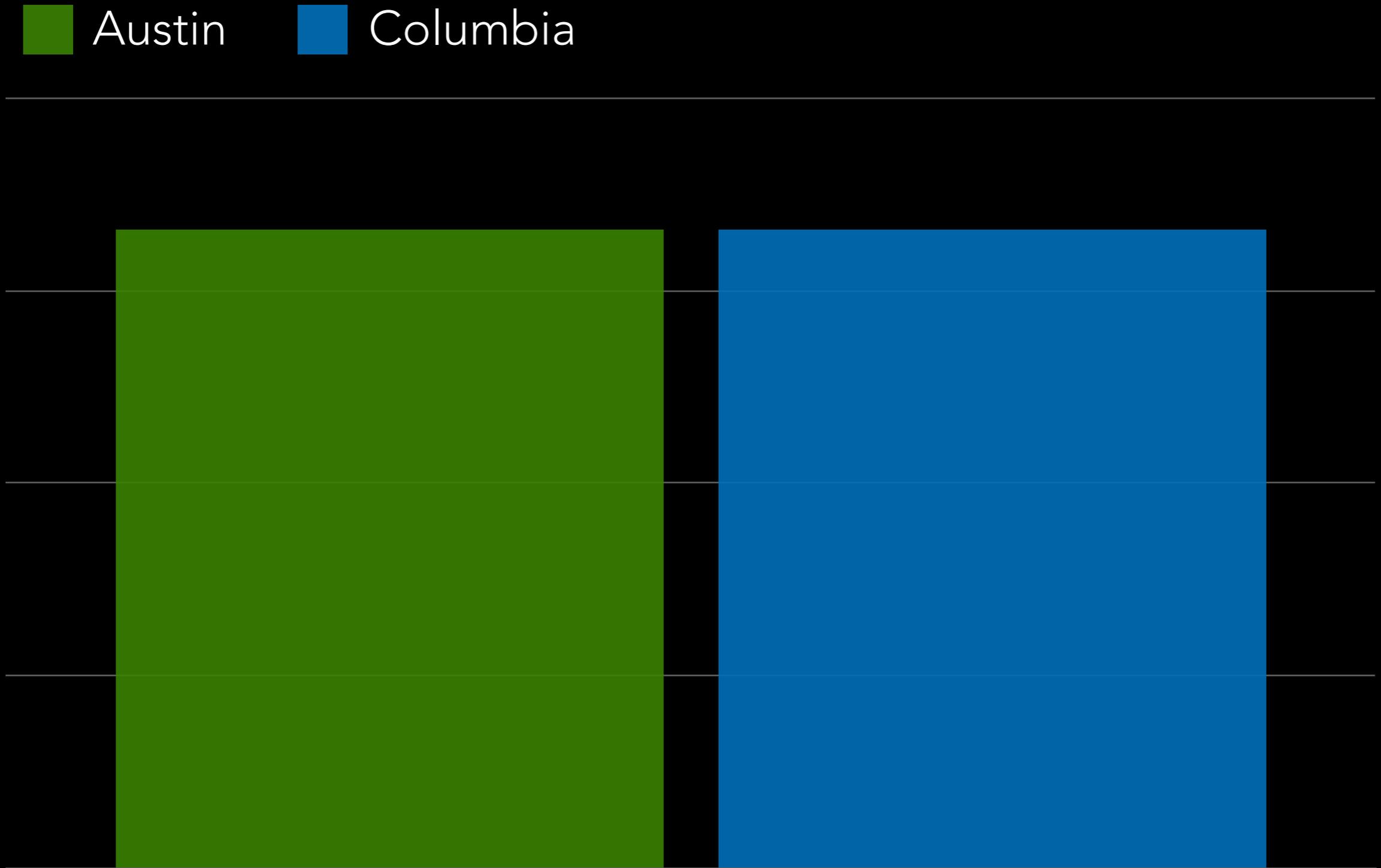
100

75

51

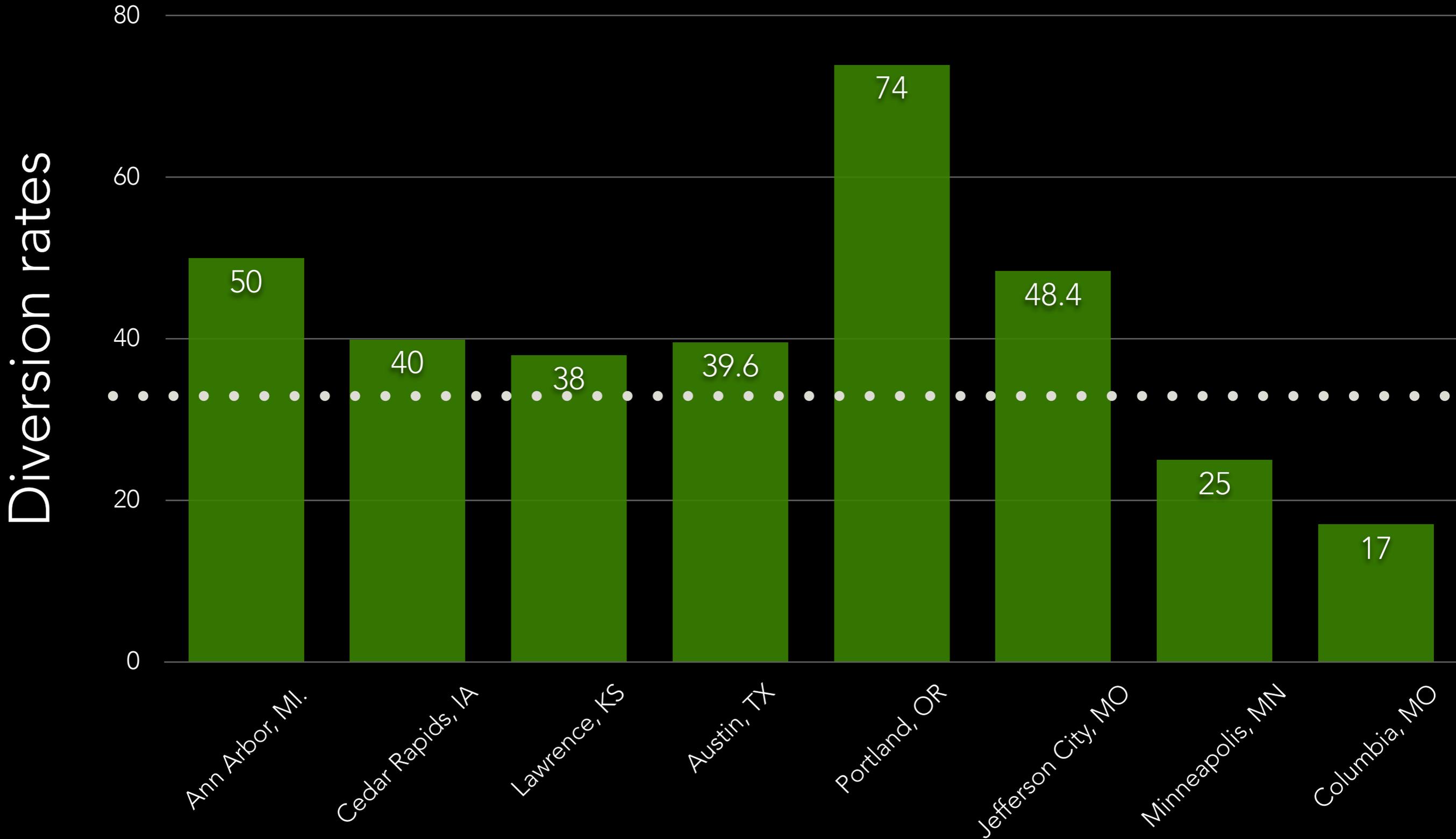
26

Customer Satisfaction



BELOW THE AVERAGE

WE CAN DO BETTER



THE FUTURE OF

SOLID WASTE & RECYCLING

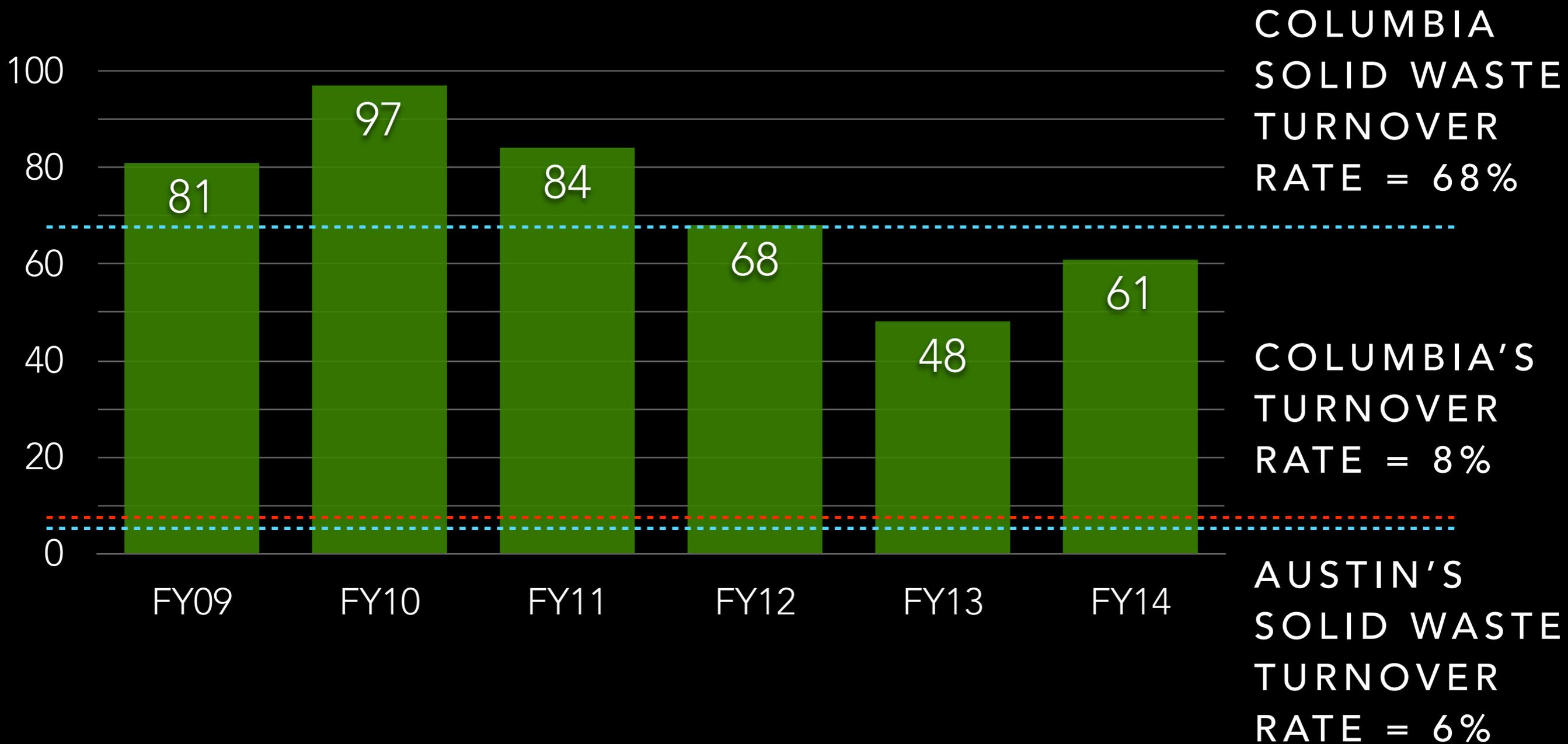
WHO BENEFITS?

COLLECTION EMPLOYEES



EMPLOYEE TURNOVER IN SOLID WASTE AVERAGES 68%

WHAT'S THE BENEFIT



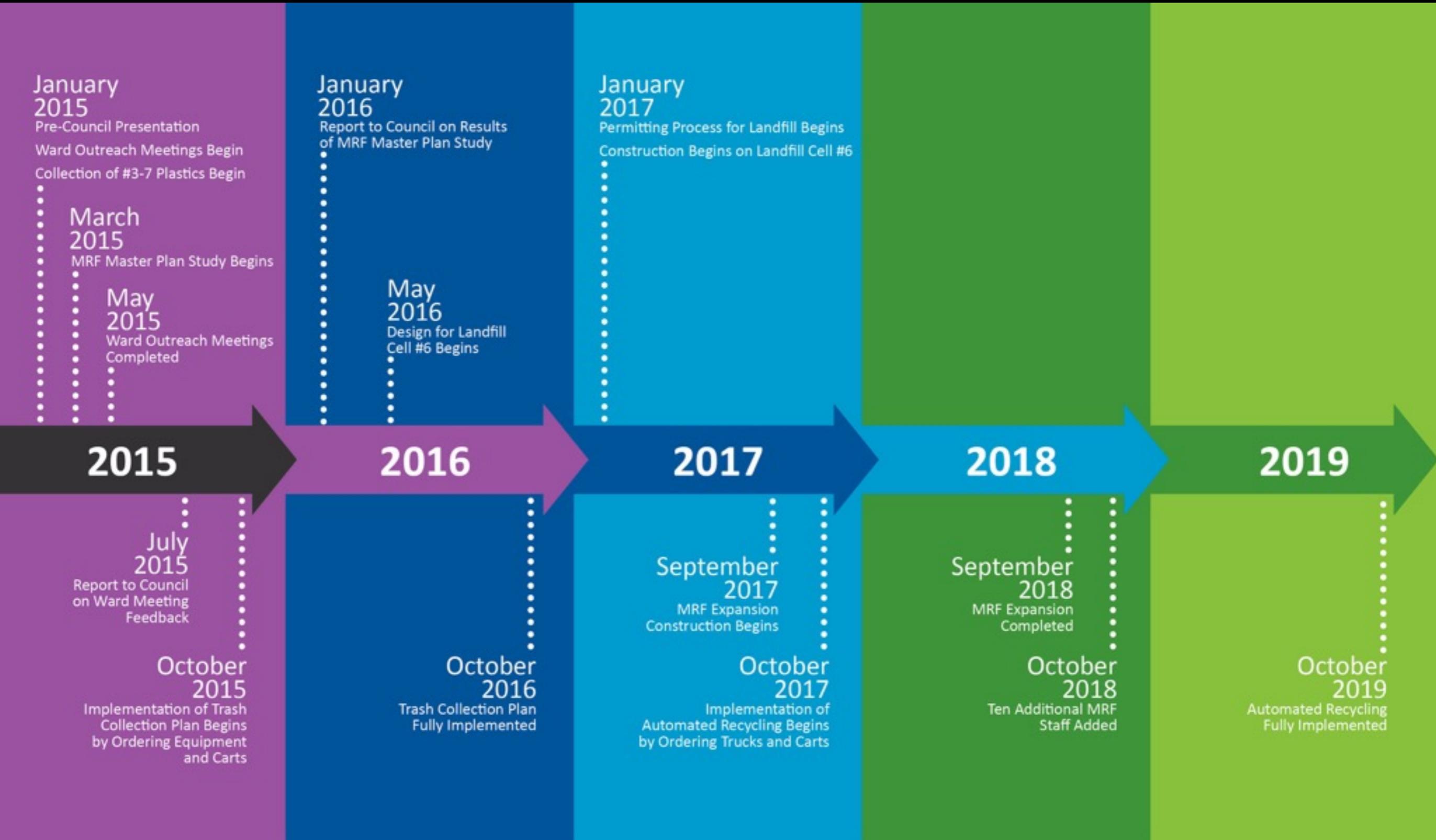
RESIDENTIAL COLLECTION EMPLOYEES ARE

WHO BENEFITS



SYSTEM CHANGES

PROJECTED TIMELINE



January 2015

Pre-Council Presentation

Ward Outreach Meetings Begin

Collection of #3-7 Plastics Begin



March 2015

January 2015

Pre-Council Presentation

Ward Outreach Meetings Begin

Collection of #3-7 Plastics Begin

•

•

•

March 2015

•

•

•

MRF Master Plan Study Begins

•

•

•

•

•

•

•

•

•

•

•

•

May 2015

•

•

•

•

•

•

•

•

•

•

•

Ward Outreach Meetings

Completed

•

•

•

Sept

MRF
Construct

Automate
by Orderin

October
2016

Trash Collection Plan
Fully Implemented

January 2016
Report to Council on Results of MRF Master Plan Study

May 2016
Design for Landfill Cell #6 Begins

January 2017
Permitting Process for Landfill Begins
Construction Begins on Landfill Cell #6

2016

2017

2018

2019

October 2016
Trash Collection Plan Fully Implemented

September 2017
MRF Expansion Construction Begins

October 2017
Implementation of Automated Recycling Begins by Ordering Trucks and Carts

September 2018
MRF Expansion Completed

October 2018
Ten Additional MRF Staff Added

October 2019
Automated Recycling Fully Implemented



October 2019

Automated Recycling
Fully Implemented

SYSTEM CHANGES

PROJECTED TIMELINE

January
2015
Pre-Council Presentation
Ward Outreach Meetings Begin
Collection of #3-7 Plastics Begin

March
2015
MRF Master Plan Study Begins

May
2015
Ward Outreach Meetings Completed

2015

July
2015
Report to Council on Ward Meeting Feedback

October
2015
Implementation of Trash Collection Plan Begins by Ordering Equipment and Carts

January
2016
Report to Council on Results of MRF Master Plan Study

May
2016
Design for Landfill Cell #6 Begins

2016

October
2016
Trash Collection Plan Fully Implemented

January
2017
Permitting Process for Landfill Begins
Construction Begins on Landfill Cell #6

2017

September
2017
MRF Expansion Construction Begins

October
2017
Implementation of Automated Recycling Begins by Ordering Trucks and Carts

2018

September
2018
MRF Expansion Completed

October
2018
Ten Additional MRF Staff Added

2019

October
2019
Automated Recycling Fully Implemented

CURRENT VS AUTOMATED

CURRENT SYSTEM

- Low & stagnant diversion rate
- \$310,919/year worker's compensation claims
- 68% employee turnover
- \$15.42/month for anything

COMPARISON

CURRENT VS AUTOMATED

AUTOMATED COLLECTION SYSTEM

- Increase in diversion rate
- Reduced worker's compensation claims
- Reduced employee turnover
- Pay As You Throw
 - Recycling included in base charge
 - Carts: 3 size options. \$12 - 20 /month
 - Bags: \$12.50 base charge PLUS \$1.50 per bag

COMPARISON

CURRENT VS AUTOMATED

CURRENT SYSTEM

- Low & stagnant diversion rate
- High worker's compensation claims
- High employee turnover
- Unequitable cost

AUTOMATED SYSTEM

- Increase in diversion rate
- Reduced worker's compensation claims
- Reduced employee turnover
- Equitable cost

THE FUTURE OF

SOLID WASTE & RECYCLING

WE NEED A BETTER SYSTEM FOR

OUR PEOPLE AND

OUR PLANET

THE CONVERSATION STARTS WITH YOU!

CONTACT: STEVE SAPP

OFFICE: (573) 874-7217

EMAIL: SES@GoColumbiaMO.com

WEBSITE (under construction): www.CoMoTrash.com