KCStat

kcstat.kcmo.org
September 6, 2016
#KCStat

Transportation & Infrastructure

Citywide Business Plan Objectives

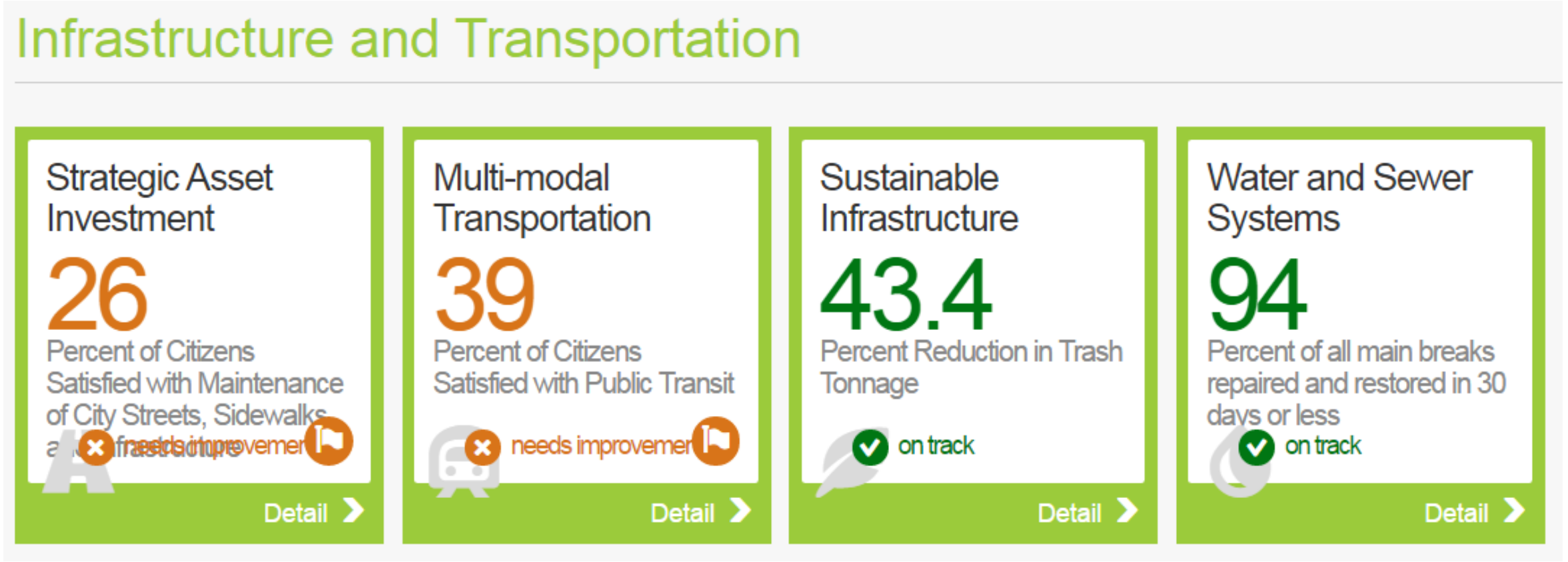
1. Develop asset-specific plans to maintain City infrastructure to maximize useful life. (June 2017)
2. Implement the Envision Sustainable Infrastructure Rating System in all infrastructure planning and projects to maximize sustainable development solutions. (through 2019)
3. Develop & increase access to multi-modal transportation options such as buses, bicycle lanes, trails, sidewalks, and the streetcar system. (through 2019)
4. Create a plan to implement strategic infrastructure investments in the Twin Creeks area that capitalizes on natural features, promotes unique development patterns, builds civic space, and promotes sustainable design and construction. (through 2019)
5. Execute consent decree requirements for the overflow control program. (Ongoing)
6. Continue to implement the City's adopted climate protection plan. (Ongoing)
7. Increase the waste diversion rate through policies and programs that promote recycling and reuse. (2016)
8. Monitor and maintain the timeliness of water main repair and restoration. (Ongoing)
9. Implement an American with Disabilities Act (ADA) Plan to meet the Department of Justice's requirements. (Ongoing)
10. Facilitate the development and use of facilities, venues, and spaces for diverse arts activity throughout the City. (Ongoing)

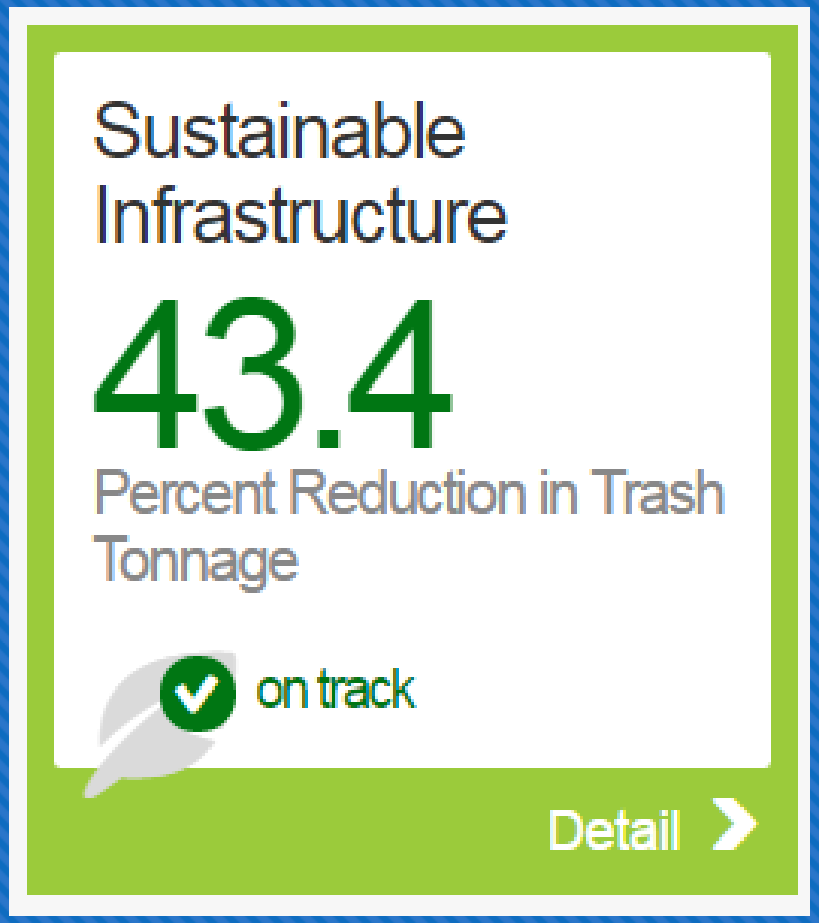
Measures of Success

Measures of Success	FY16 Actual	FY17 Target	FY18 Target
Percent of street segments rated average or better (PCI)	34%	28%	34%
Percent of bridges rated good or excellent (Bridge Condition Rating)	80%	70%	80%
Percent of citizens satisfied with overall maintenance of city streets, sidewalks, & infrastructure	26%	32%	32%
Percent of citizens satisfied with overall quality of public transportation	39%	43%	43%
Percent of citizens satisfied with maintenance of boulevards & parkways	62%	75%	75%
Greenhouse gas emissions from municipal operations (Thousand MT CO_2e)	TBD	292	286
Days to complete 90% of water main repairs & restorations	27	30	29

KCStat Dashboard Snapshot

KCStat.KCMO.org





Sustainable Infrastructure

Objective 2

Implement the Envision Sustainable Infrastructure Rating System in all infrastructure planning & projects to maximize sustainable development solutions. (through 2019)

Envision Rating System

- KC Water
  - 15 WSD employees are Envision certified
  - WSD's first project has been submitted for a platinum rating: Middle Blue River Green Infrastructure Future projects
  - Future project: Vivion Road 36" Transmission Main
  - Meeting held in July to focus on Enhancing the Envision Process with project managers
- Public Works
  - 15 Public Works staff are Envision certified
  - In partnership with HDR, PW submitted the KC Streetcar for a platinum rating and is anticipating the results soon

Objective 6

Continue to implement the City's adopted climate protection plan. (Ongoing)

Measuring our Greenhouse Gas Inventory

Municipal GHG emissions inventory

- Updates planned annually
- Office of Environmental Quality in process of updating data from 2014 & 2015

Community-wide GHG emission inventory

- Updates planned every three years
- Next update will be in 2017 once all calendar year 2016 data is available

Goal is to reduce GHG emissions from baseline year 2005 by 30% by 2020.

Energy Empowerment Ordinance Status Update

Now Tracking Environmental Performance Metrics on 125 City Buildings

As well as a dataset of building characteristics such as square footage, building age, and property use type

Energy Empowerment Ordinance

Using Data Collected per Ordinance to Support Programs

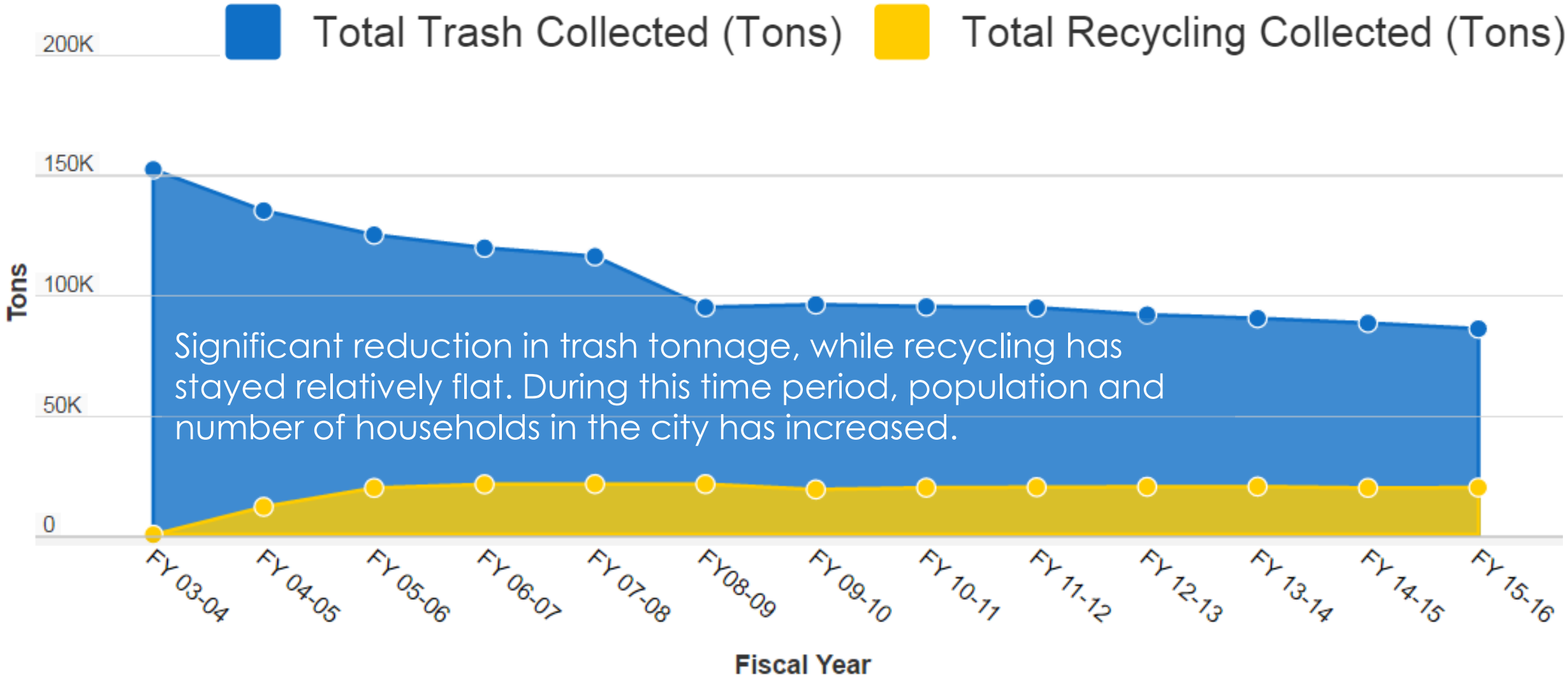
Supported by KC Green Team

Program	Outputs & Outcomes
Strategic Energy Management	KCP&L engaging 5 depts. over 2 years in analysis & rebate opportunities
City Energy Project	Hosted 20+ educational workshops
Daylight Hour	Avoided ~$435 by shutting off lights in 13 buildings for 1 hour *(Estimate from DaylightHour.org calculator)*
Fire Station Challenge *(also supported by CEP & GSD)*	Expecting to avoid ~$2000 in energy costs over 3 months from 5 stations *(Estimate; assumes 5% savings)*
Sustainability Dashboard *(led by Aaron Shroyer, STAR Index)*	Publishing comprehensive Key Performance Indicators to improve transparency to the public & enable quicker, better analyses

Objective 7

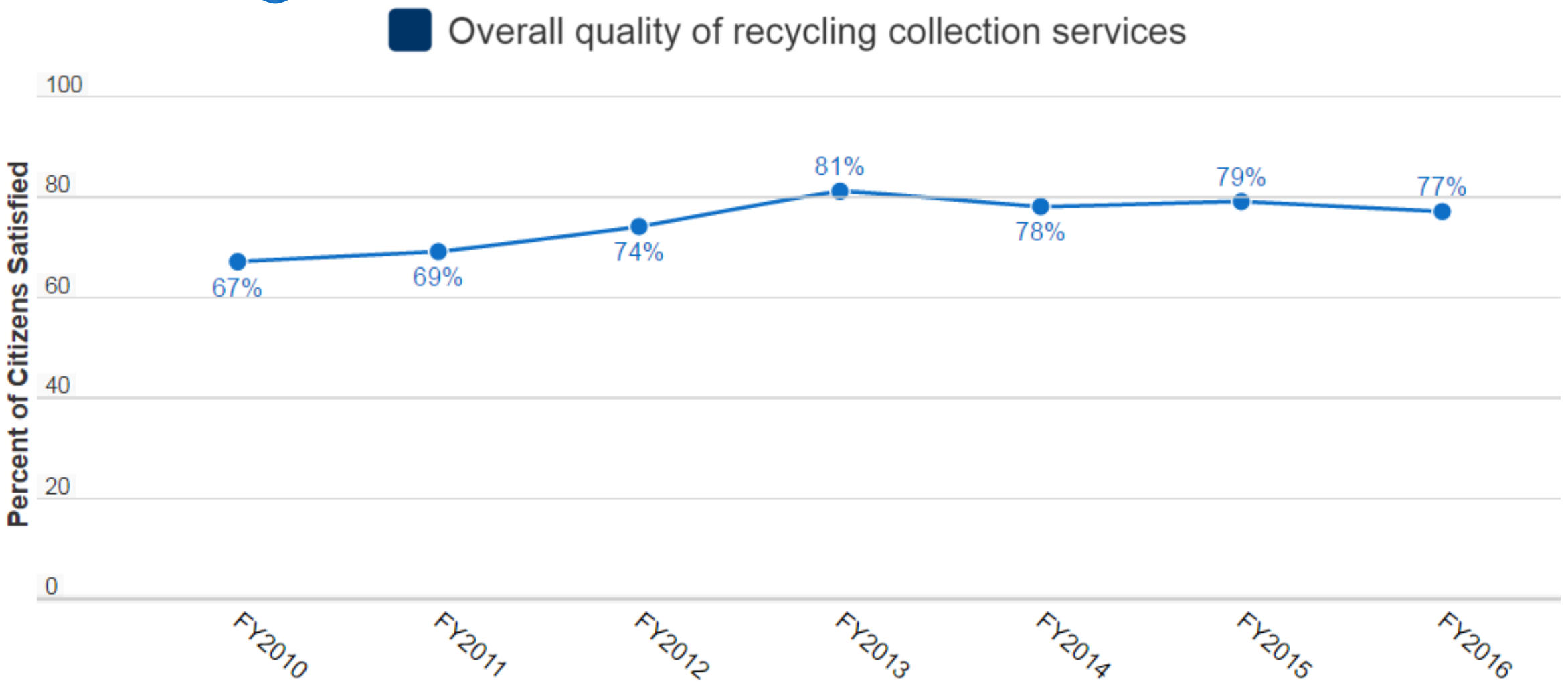
Increase the waste diversion rate through policies & programs that promote recycling & reuse. (2016)

Tonnage of Trash & Recycling Collected



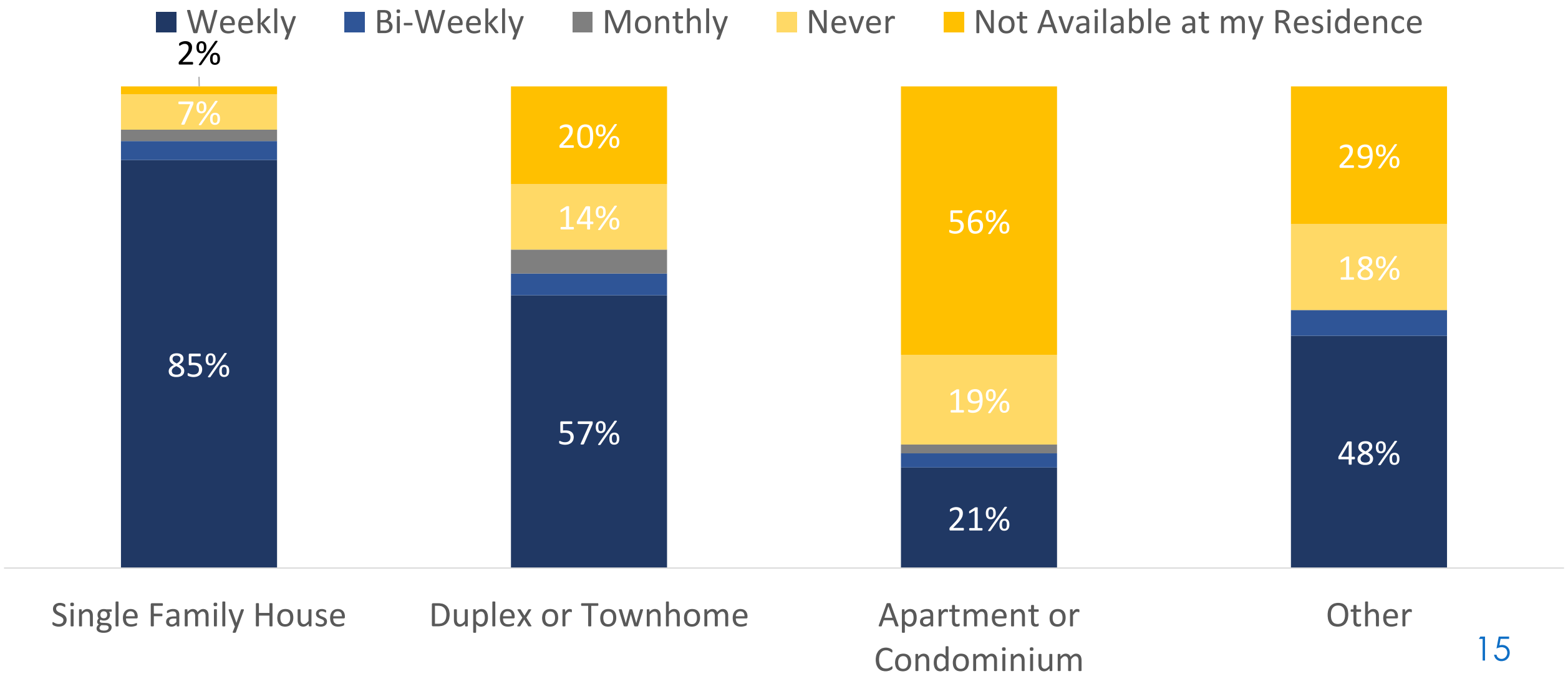
Source: Public Works Solid Waste (kcstat.kcmo.org)

Citizen Satisfaction with Curbside Recycling Services



Source: Citizen Survey FY10-FY16 (kcstat.kcmo.org)

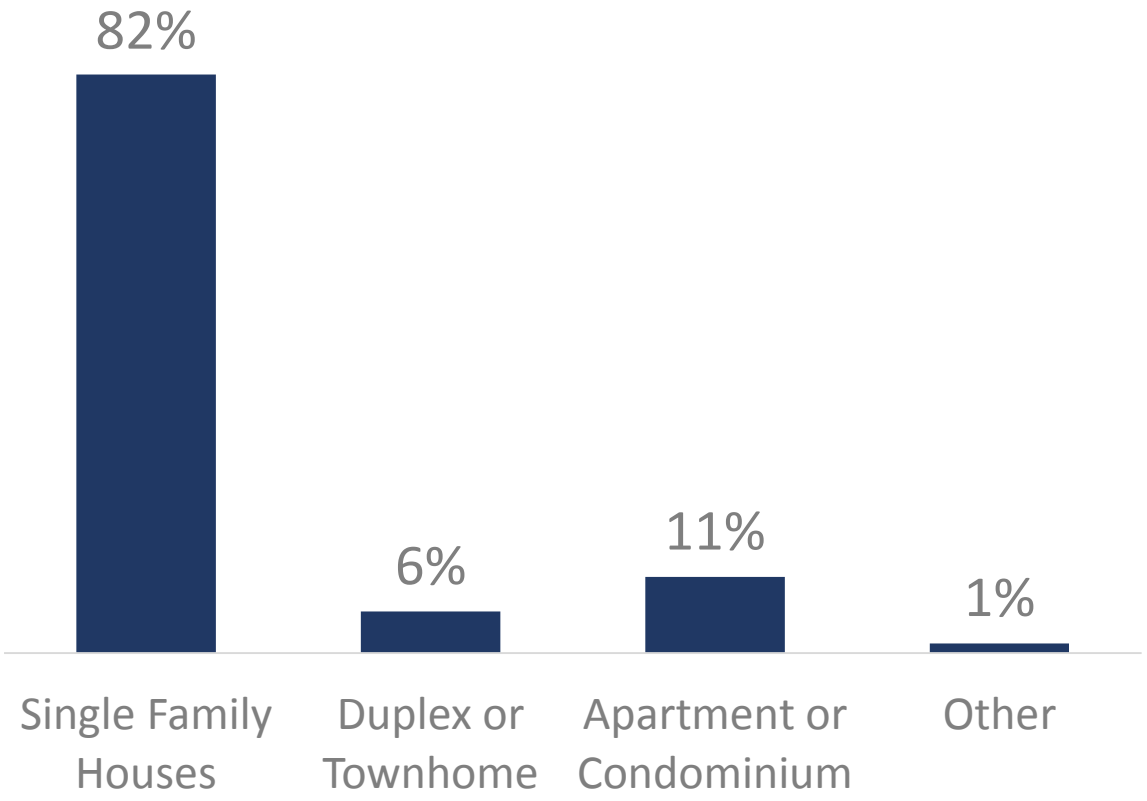
Recycling Frequency by Dwelling Type (FY16)



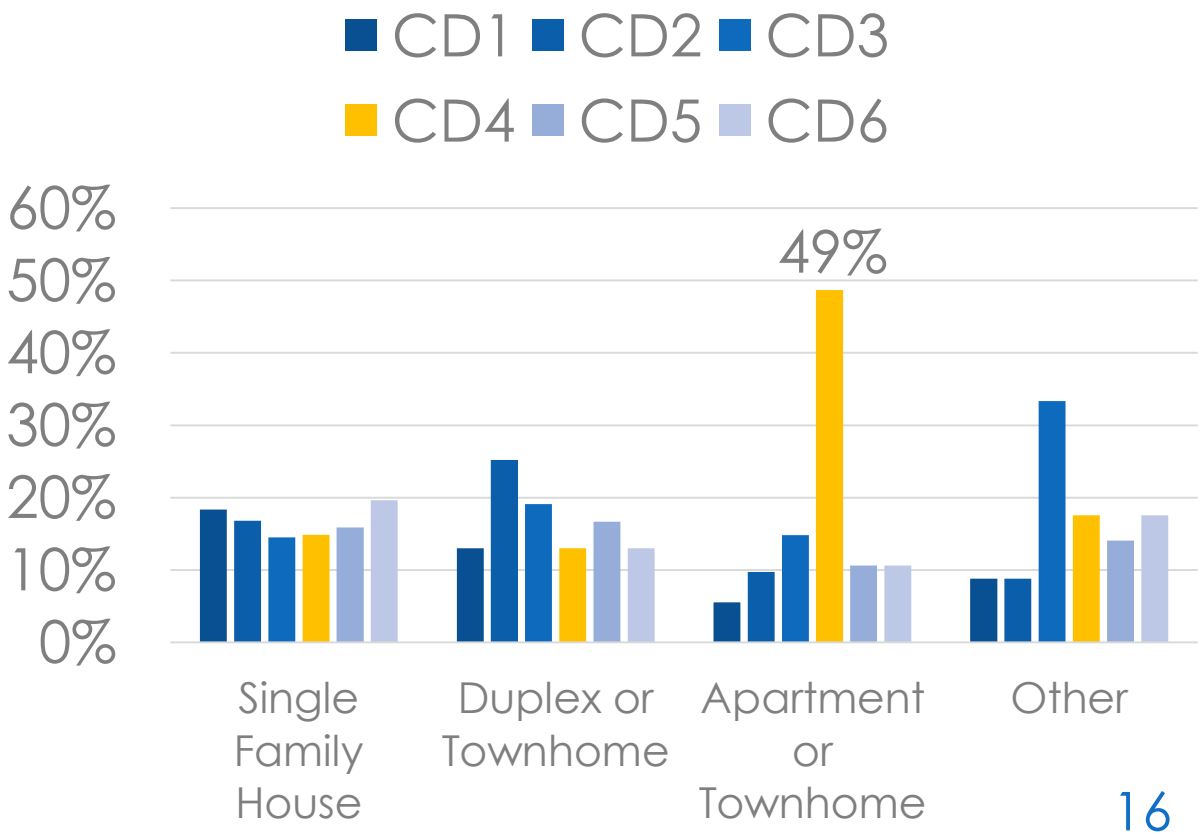
Source: Citizen Survey

Where Do Apartment/Condo Dwellers Live?

11% of survey respondents overall live in Apartments or Condos

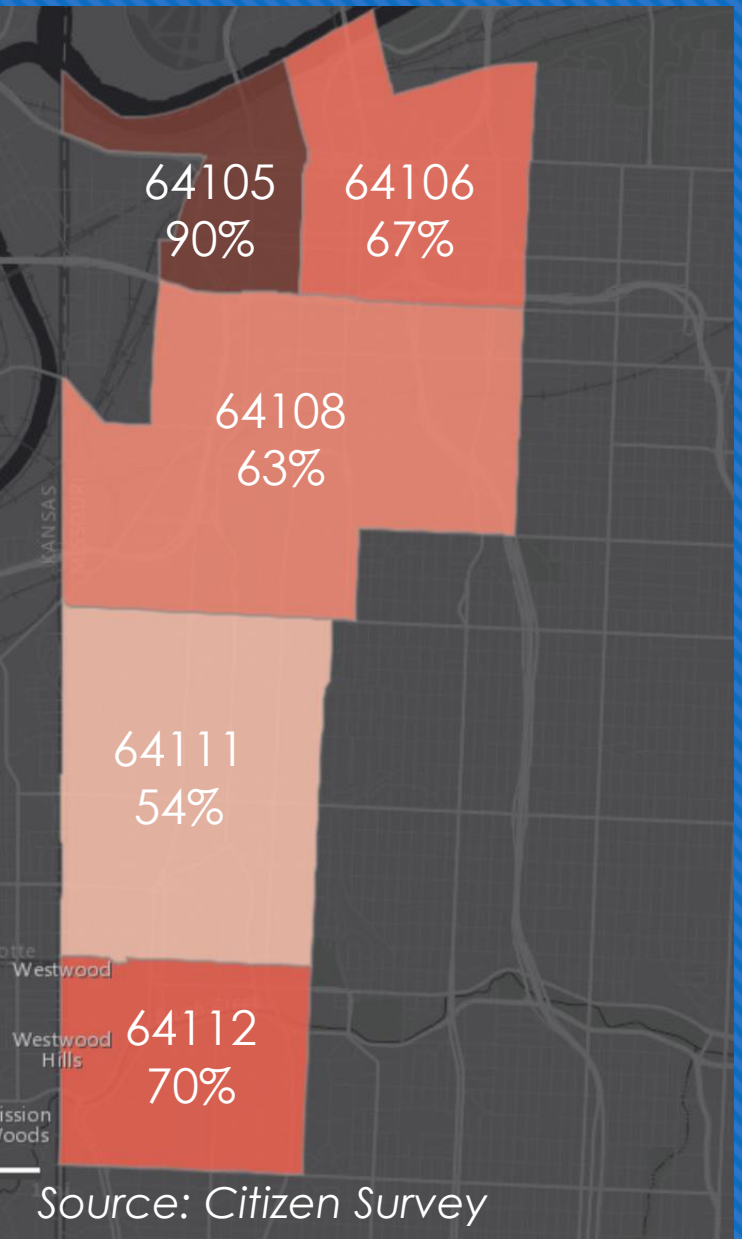


49% of Apartments or Condo dwellers are in Council District 4



Source: Citizen Survey

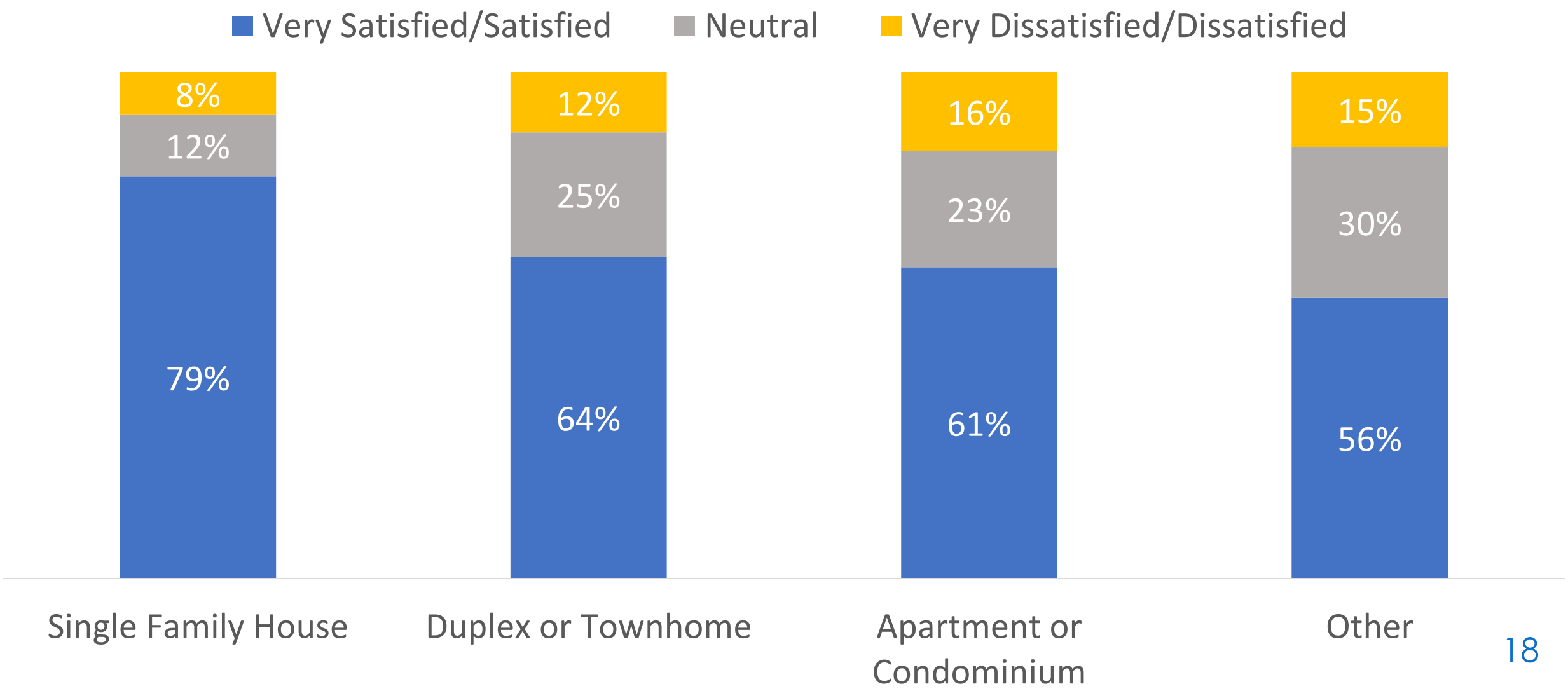
Is the problem concentrated in specific zip codes?



Source: Citizen Survey

90% of apartment or condo dwellers in zip code 64105 do not or can not recycle

Satisfaction with Curbside Recycling by Dwelling Type



Source: Citizen Survey FY16

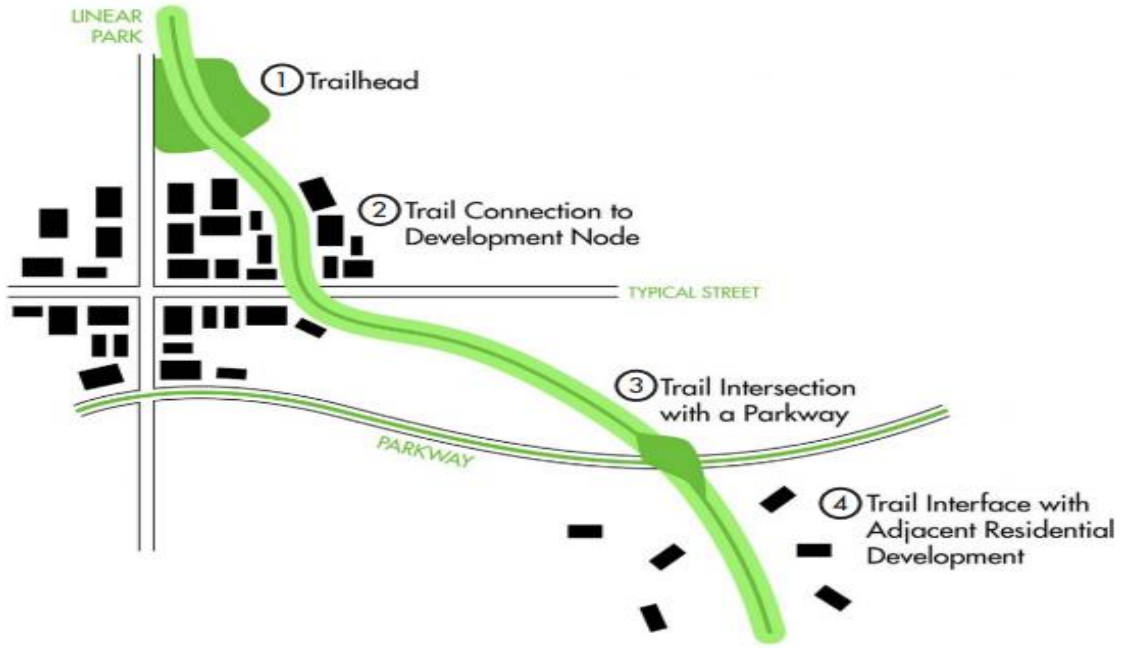
Objective 4

Create a plan to implement strategic infrastructure investments in the Twin Creeks area that capitalizes on natural features, promotes unique development patterns, builds civic space, & promotes sustainable design & construction. (through 2019)

Twin Creeks Linear Park Design Competition

Purpose:

- **Develop concepts**, visions, images for improvements on and near the trail.
- A low-cost mechanism to **engage and excite the public** and surface innovative ideas.



Benefits:

- **Raise the profile of Twin Creeks** and distinguish it from other developments in the region
- Help the city **refine its vision** for the park and connections to adjacent developments
- **Expand the number and type of stakeholders** currently involved in Twin Creek discussions and enhance citizen engagement
- Demonstrate the City's **commitment to a new model of sustainable community development** in the Northland

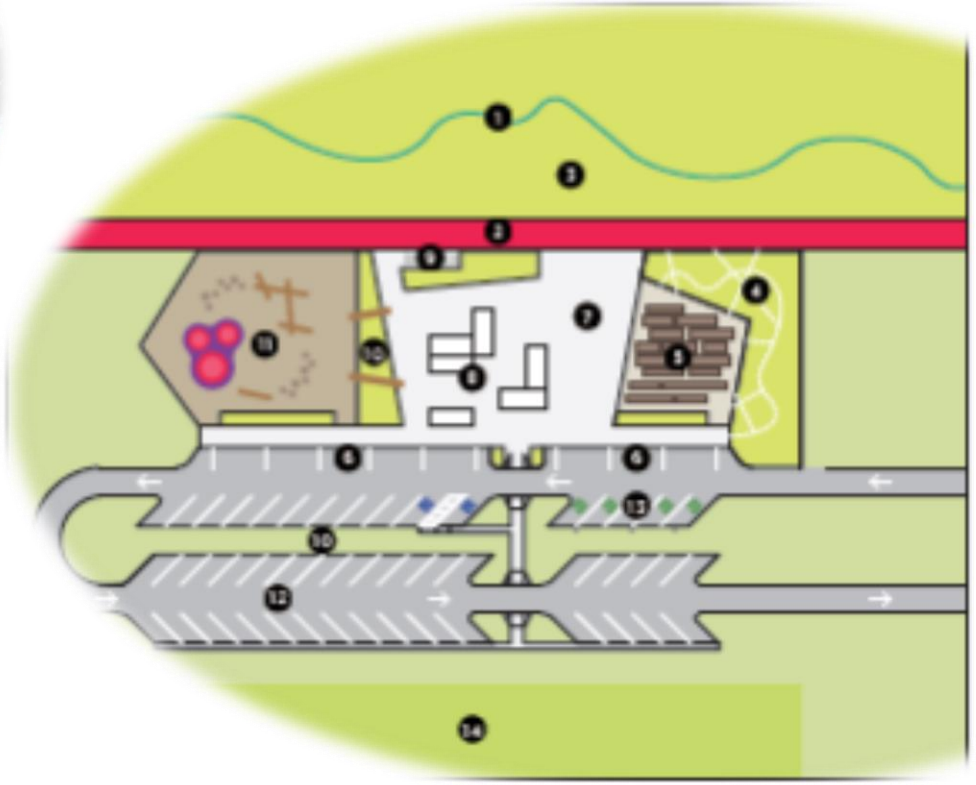
Twin Creeks Linear Park Design Competition

- **Bloomberg Associates** and the City of KCMO worked together on a RFP, issued **April 2016**
- **City Planning, Parks & Recreation, Water Services, and Public Works** partnered to sponsor competition
- Steering Committee created from both **local and national experts**
- Prize Money offered to winners to develop **"visionary" ideas** of what a trail could contain
- Proposals Due **July 2016**
- Jury Deliberation **August 2016** selected **3 winners** and **1 student honorable mention** picked

Twin Creeks Linear Park
Design Competition Responses

- Twenty Responses
- Seven Countries

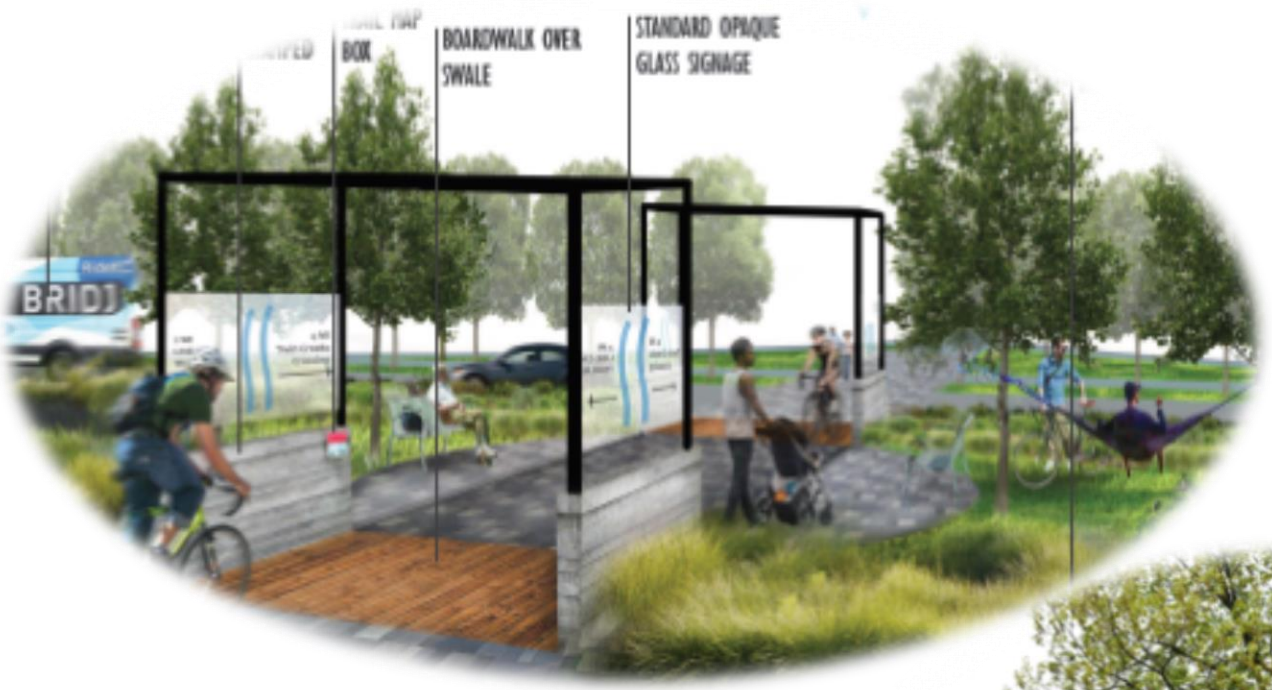
Design Concepts – Trail Head Interaction

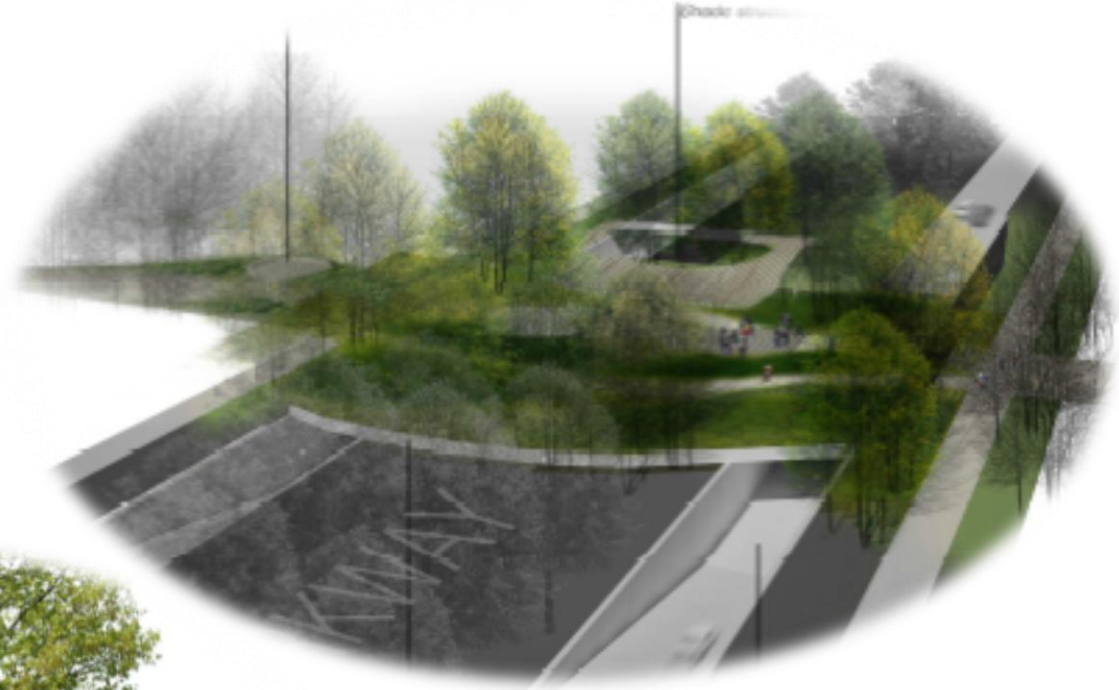


3 Nat… Planting
4 Pollinator G…
5 Urban Agricult…
6 Food Truck Parki…
7 Multi-functional Eve… and Gathering Space
8 Shipping Container Small Business Retail
9 Bike Parking and Maintenance Station
10 Bioswale
11 Playground
12 One Way Angled … Parking
13 EV Charge …
14 Multi-f… …

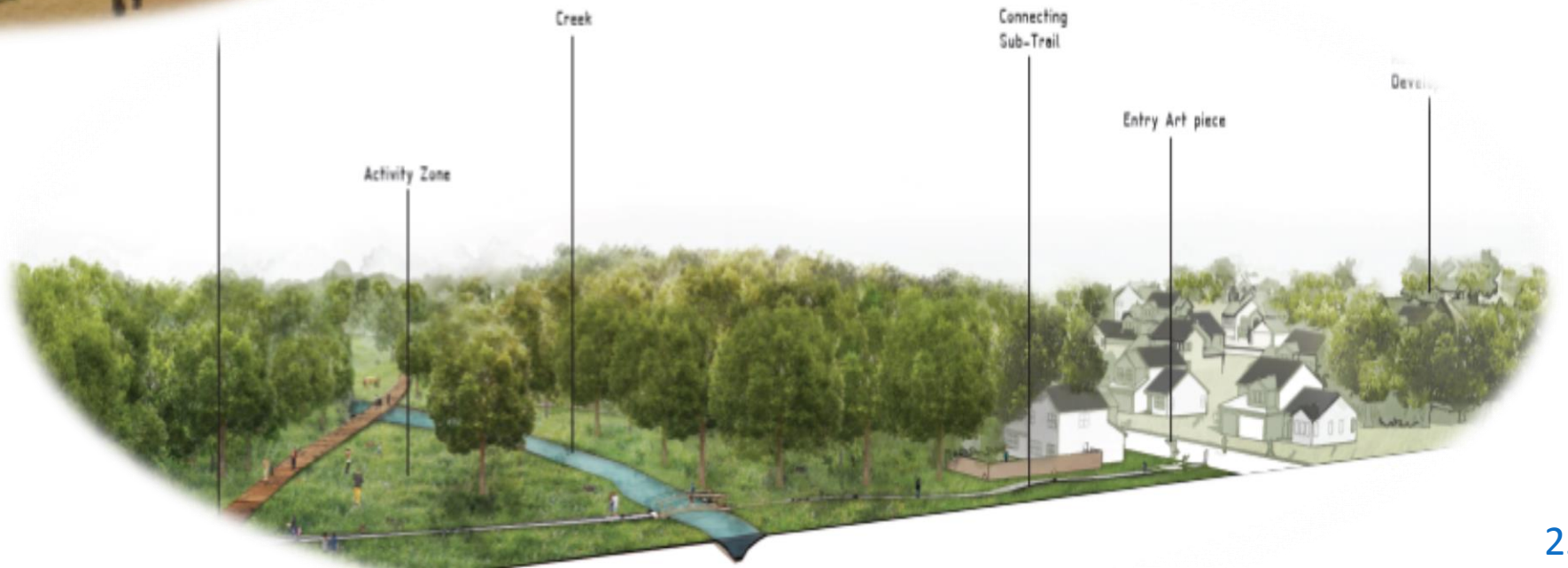
Design Concepts – Development Node

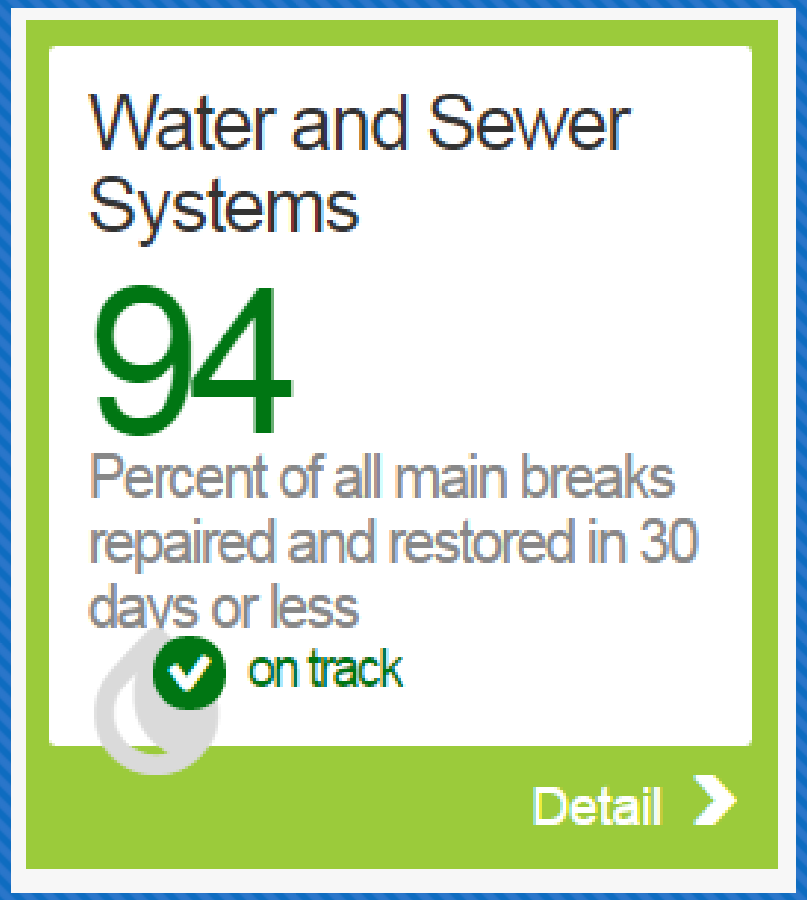
Design Concepts – Parkway Interaction





Design Concepts – Residential Interaction



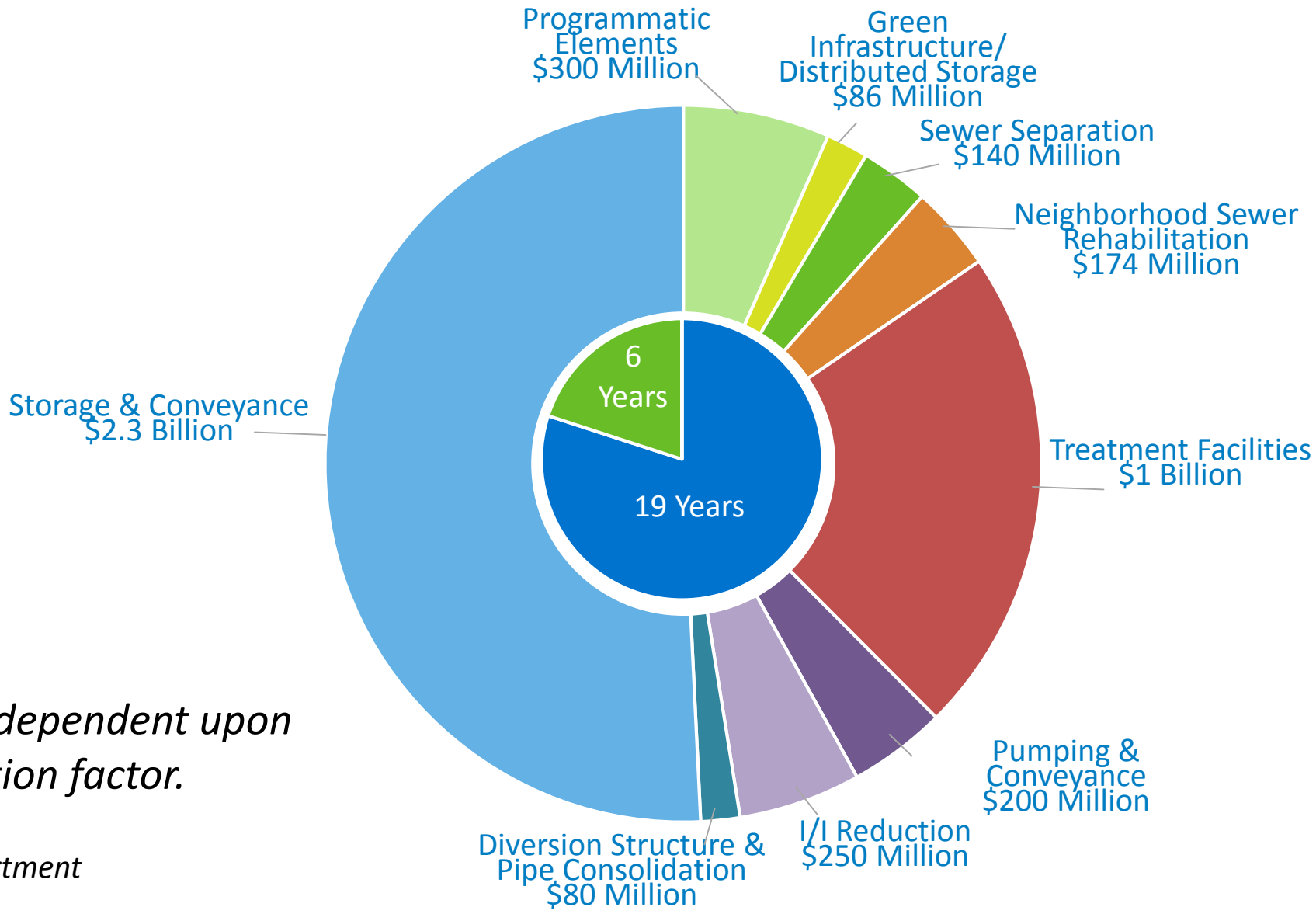


Water & Sewer Systems

Objective 5

Execute consent decree requirements for the overflow control program (Ongoing)

Overflow Control Program: $4.5-$5B Investment



- *Program costs dependent upon economic inflation factor.*

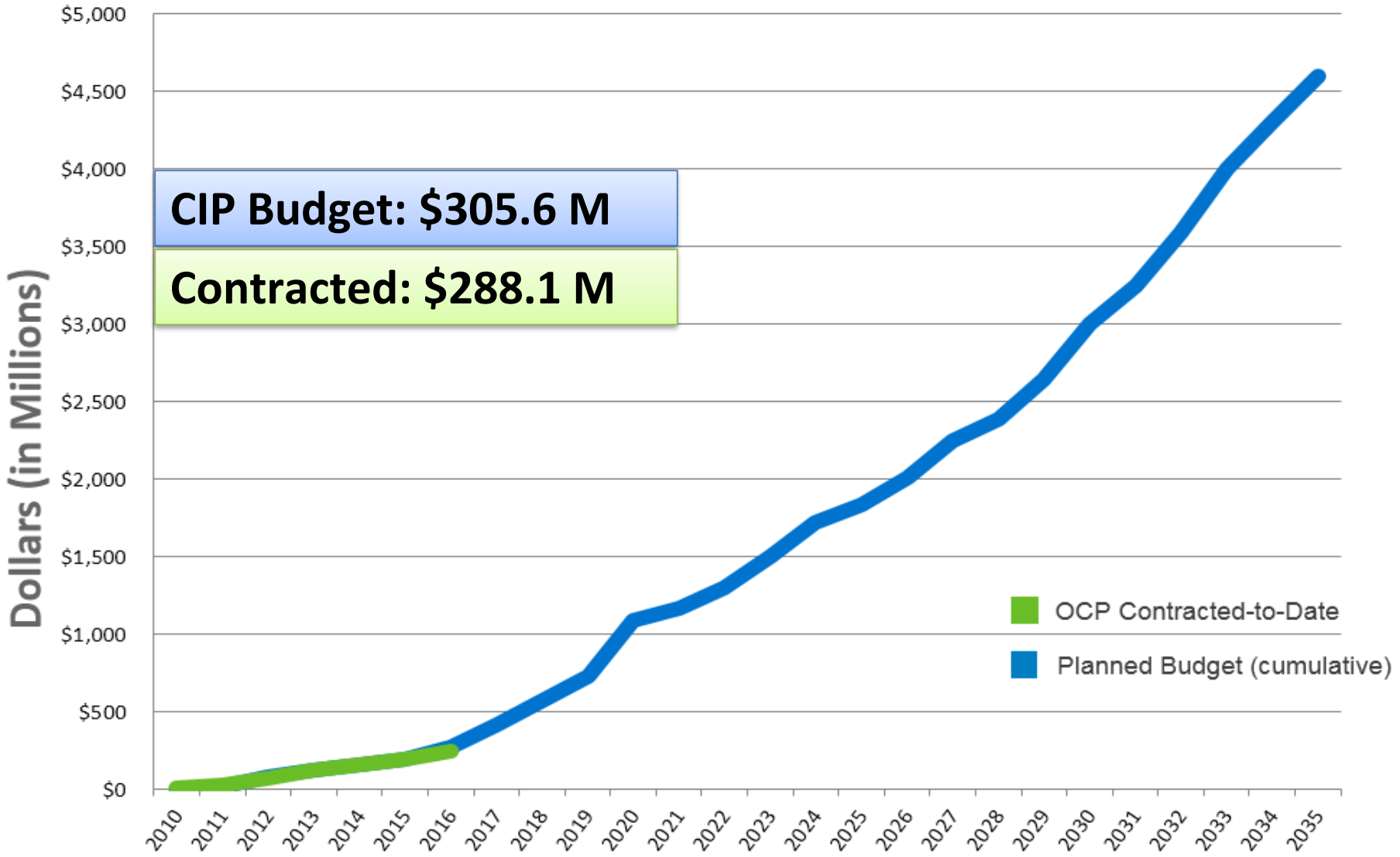
Source: Water Services Department

Overflow Control Program - Active Projects In Design

Project Type	Active Projects	Total Budget Amount (Millions)	Total Contracted Amount (Millions)
Green Infrastructure	5	$35.9	$35.2
Inflow/Infiltration Reduction	10	$29.0	$21.1
Neighborhood Sewer Rehabilitation	4	$26.3	$23.5
Sewer Separation	3	$4.5	$4.7
Diversion Structure & Pipe Consolidation	1	$0.9	$1.2
Pumping & Conveyance	3	$44.2	$39.9
Treatment Facilities	0	$0	$0
Storage & Conveyance	3	$2.5	$1.3
TOTAL	**29**	**$108.8**	**$99.9**

Source: Water Services Department

OCP Project Investment: 2010-2035



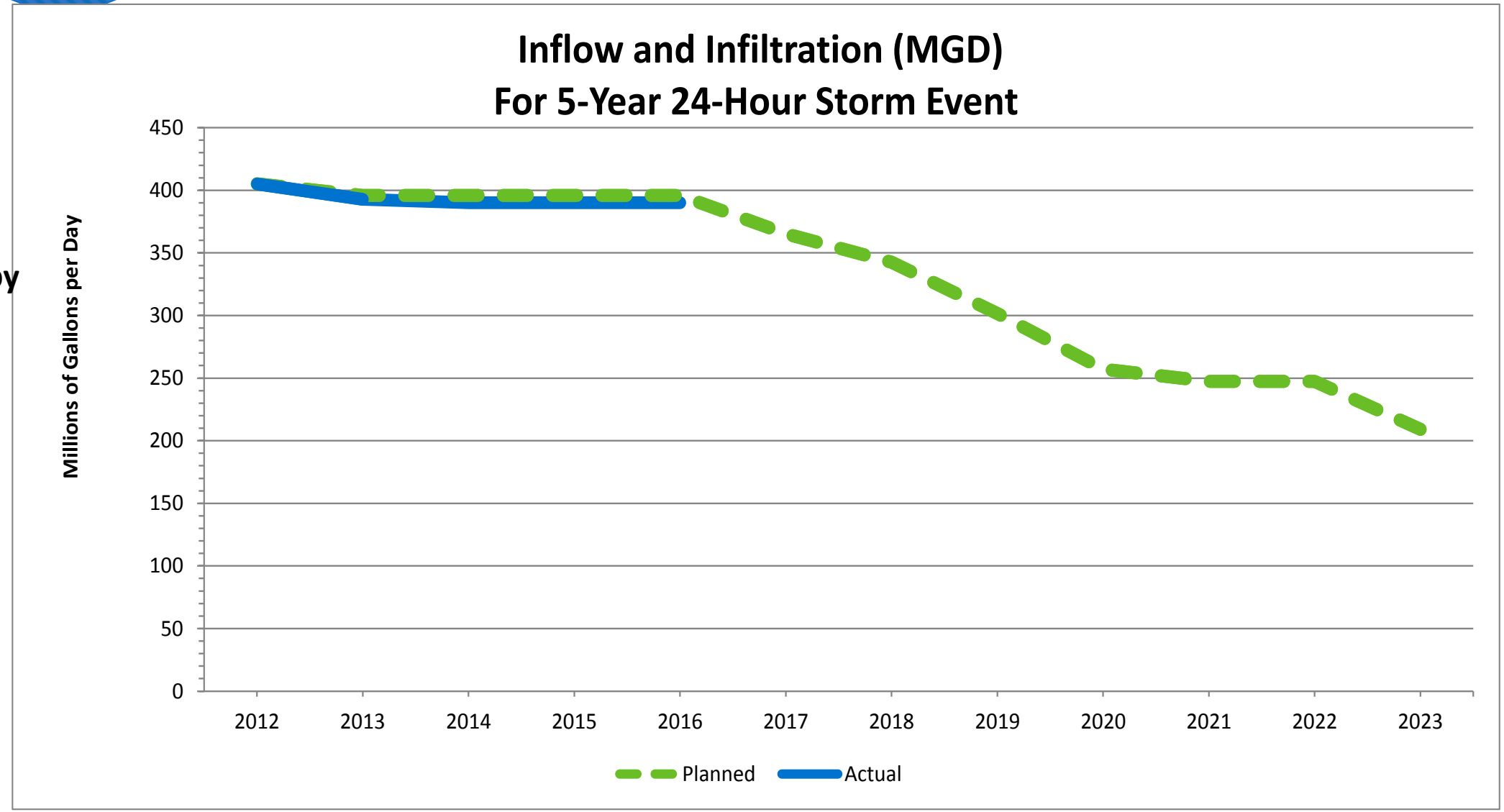
Source: Water Services Department

Inflow and Infiltration 5-Year, 24-Hour Storm Event

Completion Dates by Project Area

South of River
- 2021

North of River
- 2023



Source: Water Services Department

Overflow Control Program Public Outreach

Education
& Awareness

In Person & In Print

Social Media & Online

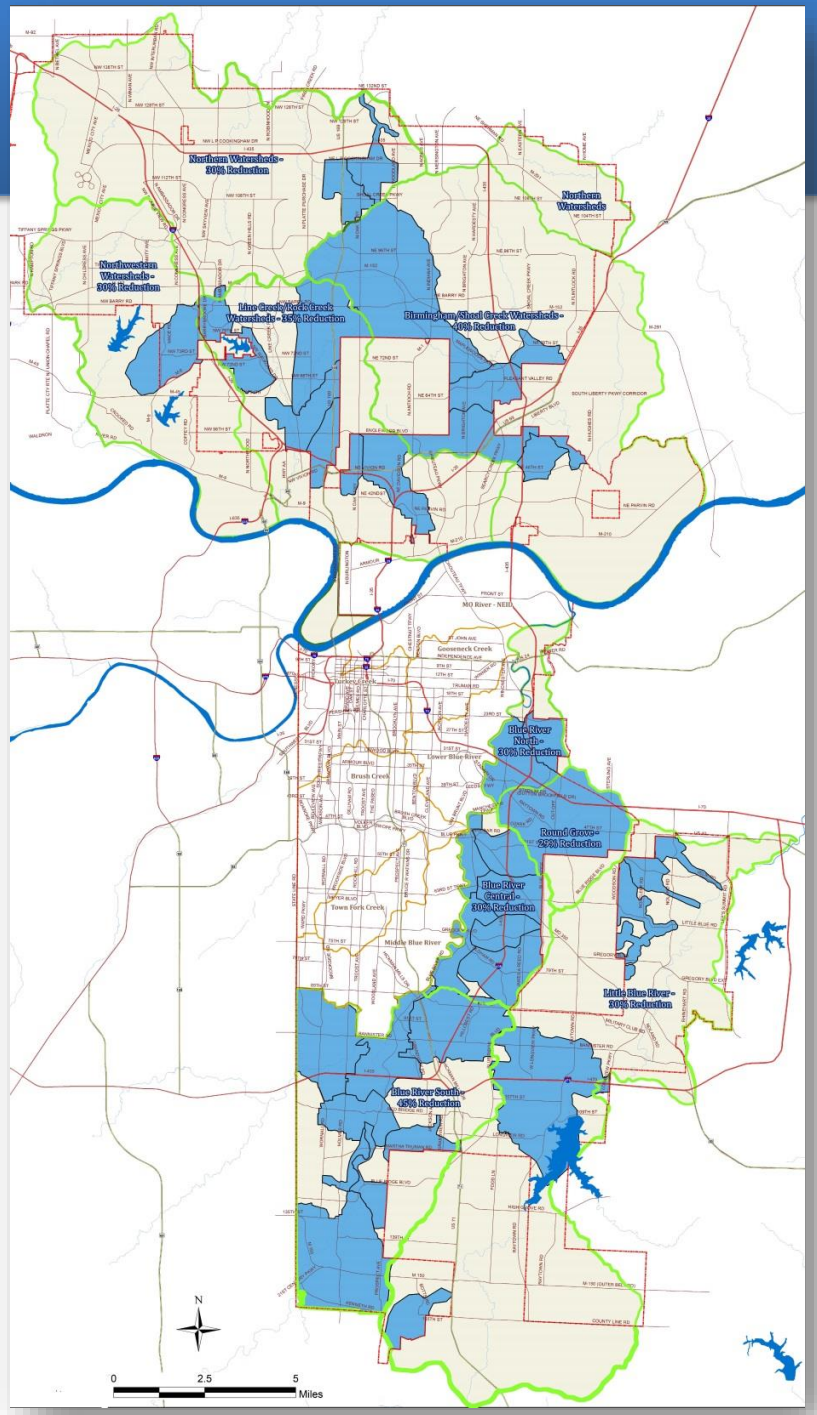
Earned Media

OCP University

Industry Engagement

Private I/I: Keep Out The Rain

- Separate sanitary sewer system
- 9 Basins
- Complete I/I reduction by:
  - 2021 South of the Missouri River
  - 2023 North of the Missouri River
- Public and private I/I reduction projects to be performed concurrently



Promoting Keep Out the Rain KC

GOVERNMENT & POLITICS AUGUST 23, 2016 1:31 PM

KC Water Services will help some households with drainage problems

THE STAR. KansasCity.com

FOX 4 NEWS

KCTV 5 NEWS

KMBC 9

Are you eligible? KC Water program will fix sewage issues for free

BY: Terra Hall
POSTED: 3:19 PM, Aug 25, 2016
UPDATED: 4:38 PM, Aug 25, 2016

41 Action NEWS kshb.com

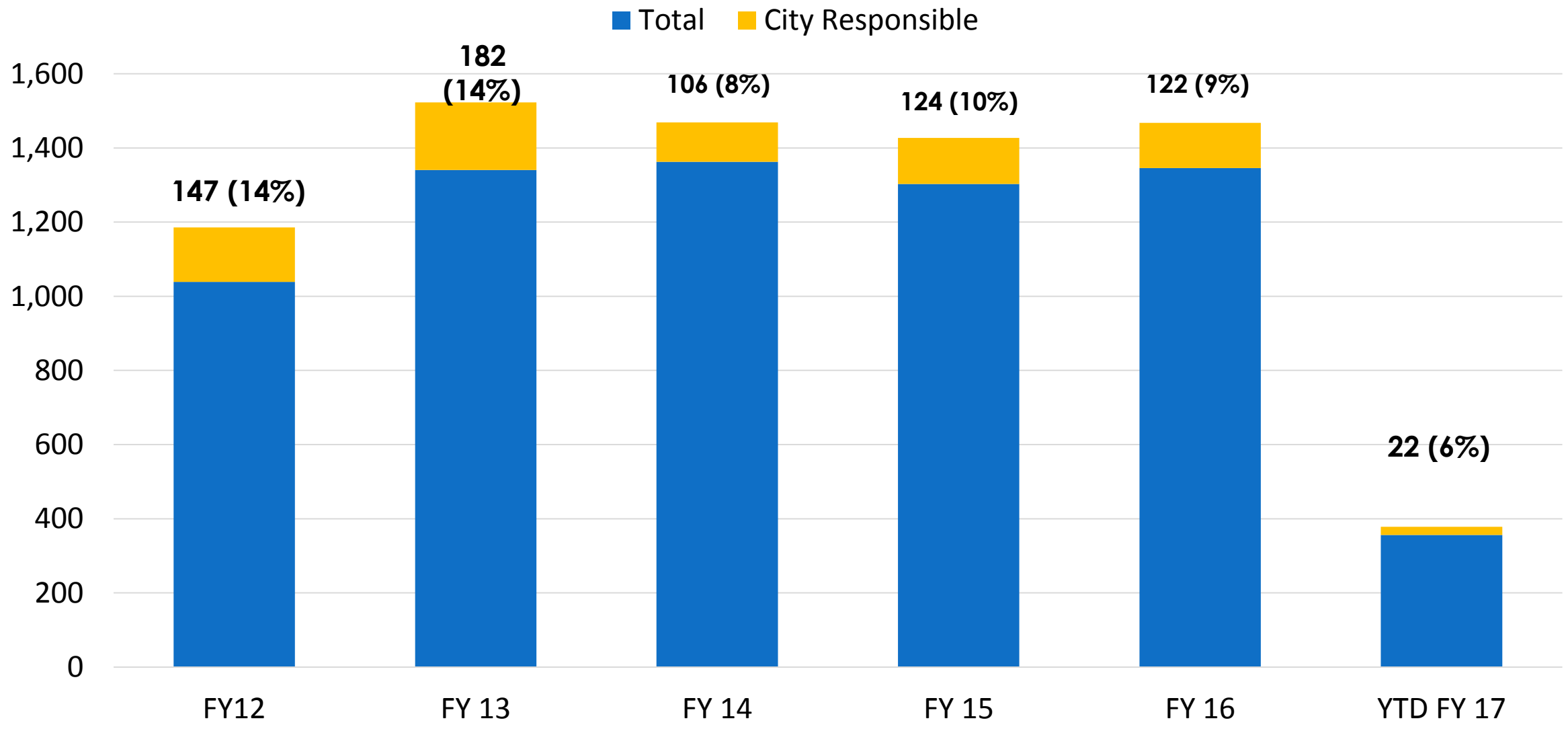
KCUR 89.3

Citywide Sewer Main Rehabilitation

Fiscal Year	Target	Miles Complete	In Progress
FY14	13 Miles	13.12 Miles	
FY15	19 Miles	20.88 Miles	
FY16	28 Miles	36.28 Miles	
FY17	28 Miles	7.60 Miles	20.4 Miles
Totals	**88 Miles**	**77.88 Miles**	

Source: Water Services

Sewer Basement Backup by Fiscal Year

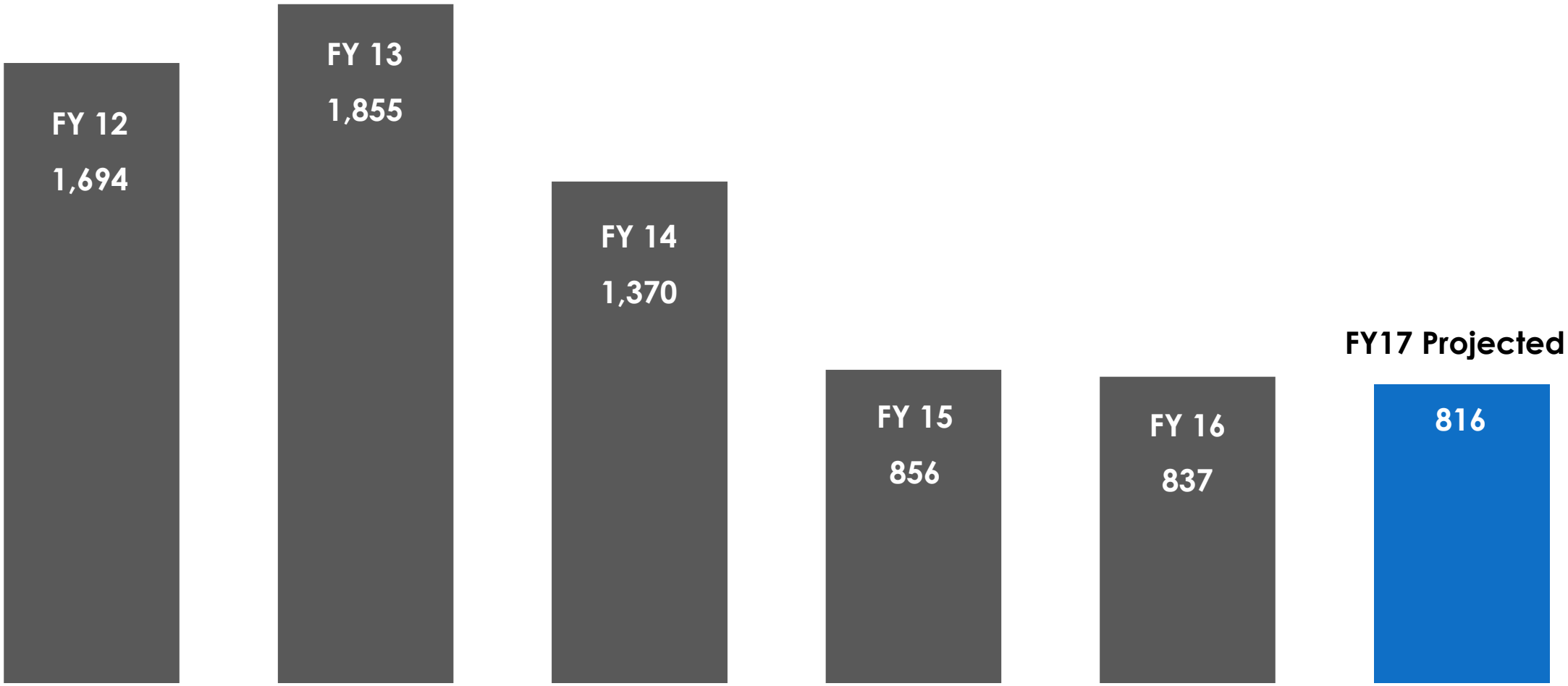


Source: Hansen System, Water Services Department

Objective 8

Monitor & maintain the timeliness of water main repair & restoration. (Ongoing)

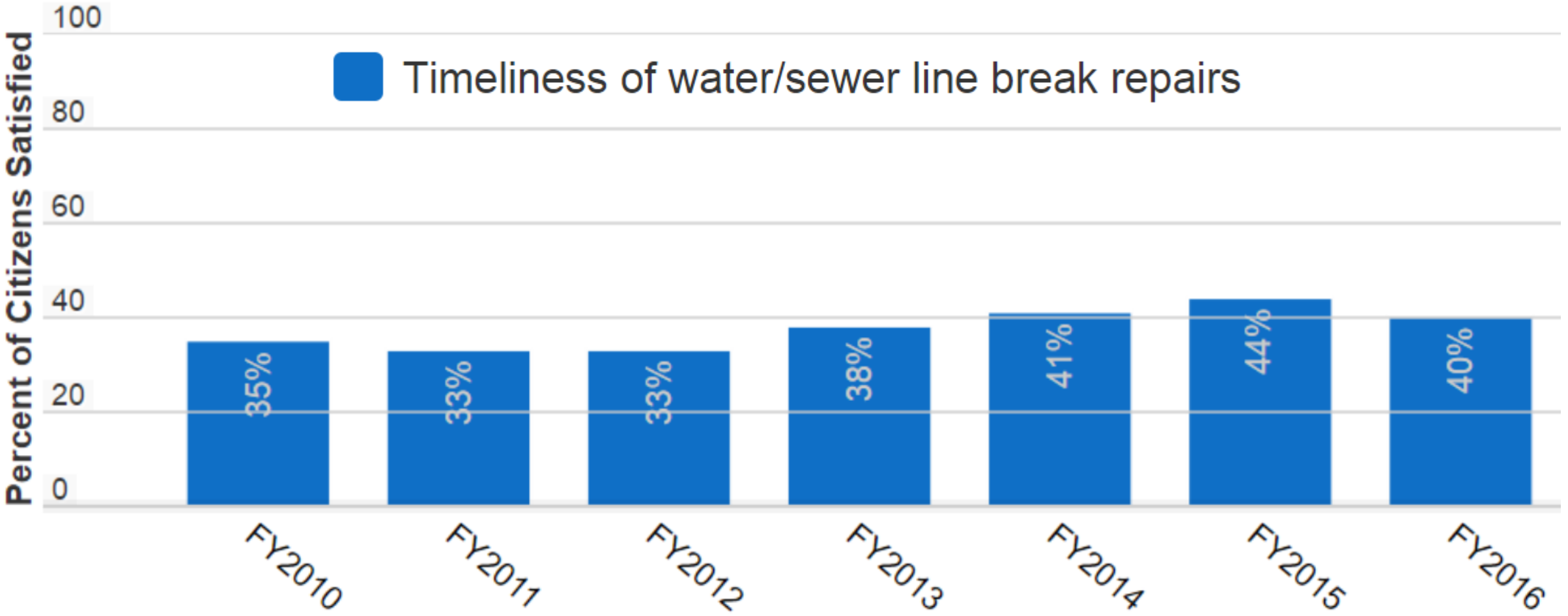
Number of Main Breaks by Fiscal Year



Source: Hansen System, Water Services Department

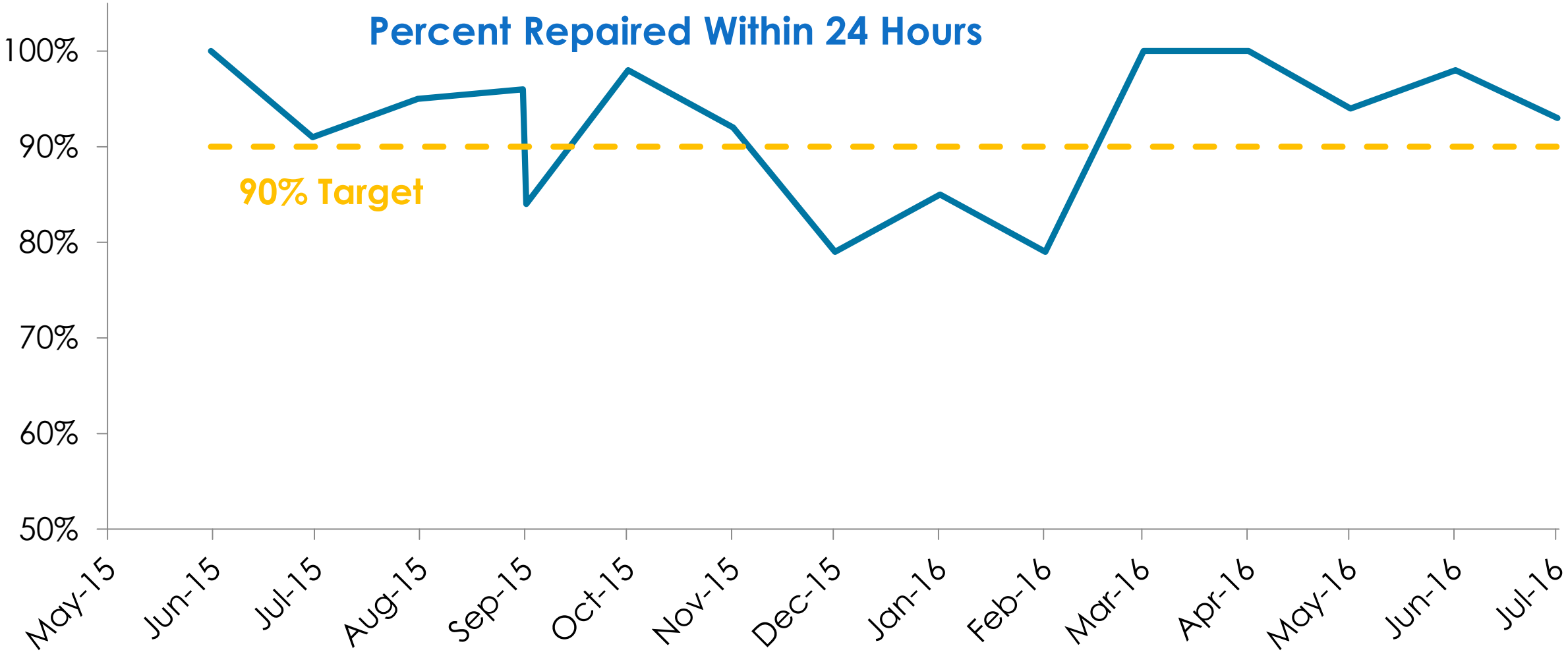
Citizen Satisfaction With Timeliness Of Sewer/Water Line Break Repair

Satisfaction has increased from 33% in FY2012 to 40% in FY2016



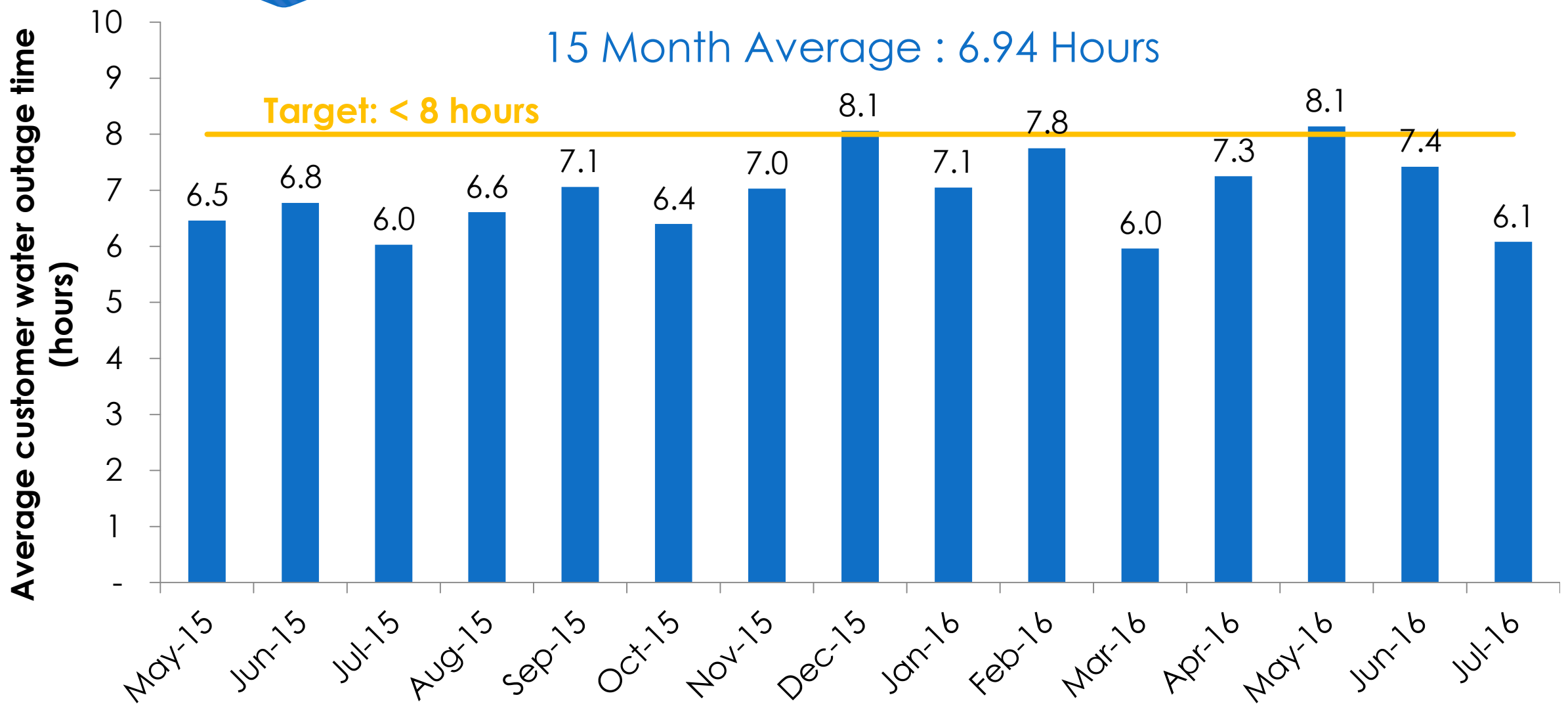
Source: Citizen Survey (kcstat.kcmo.org)

Percent of Code 3 Water Repairs Made Within 24 Hours



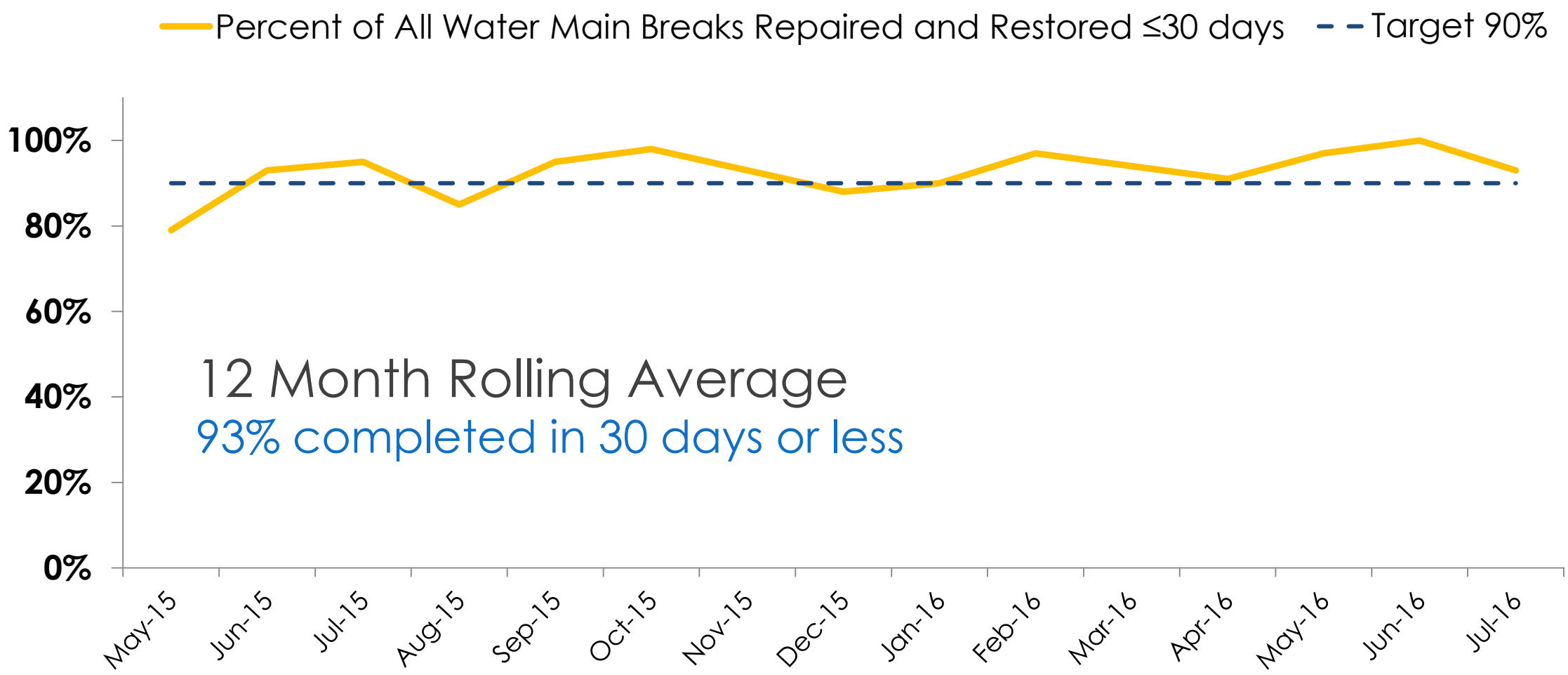
Source: Hansen System, Water Services Department

Customer Outage Time Due To Water Main Breaks (Codes 1, 2 and 3)



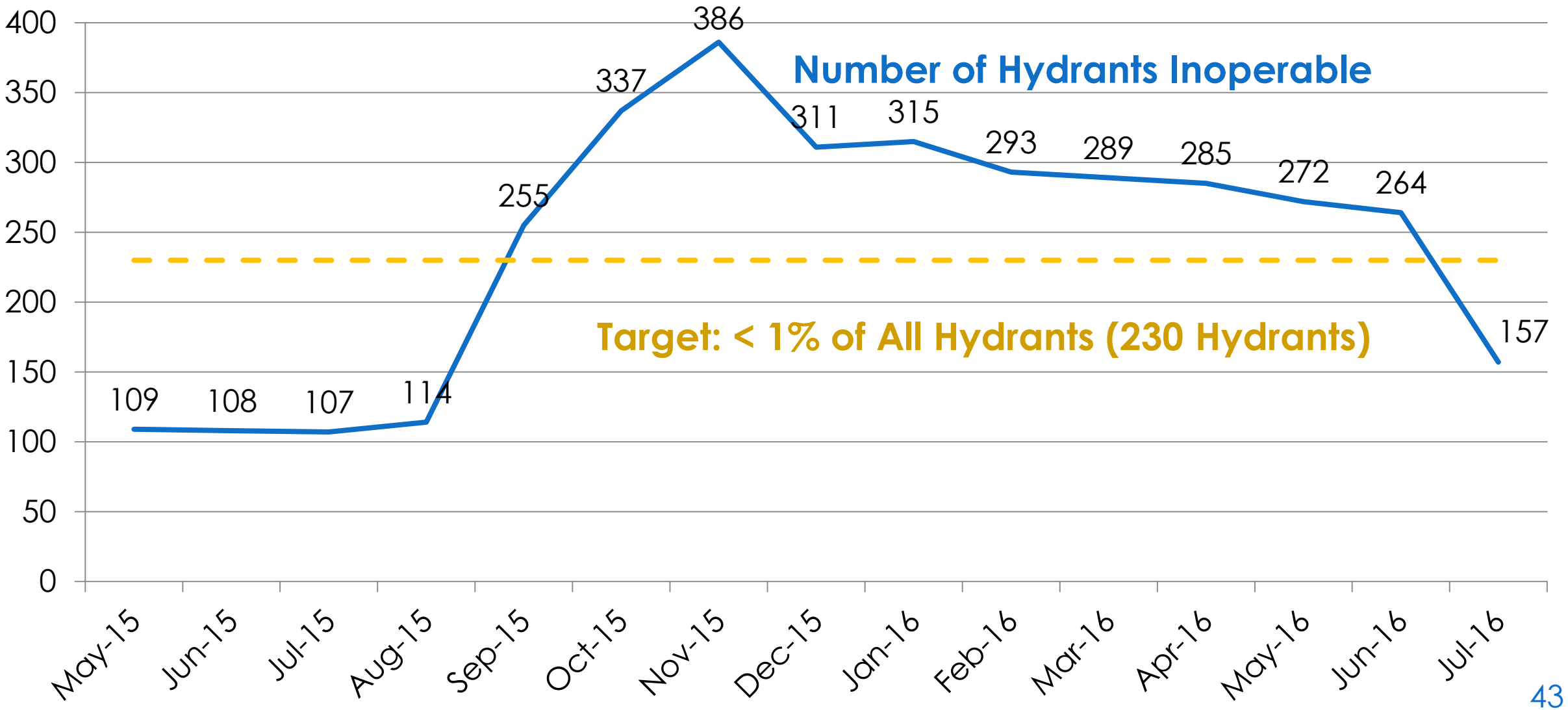
Source: Water Services Department

Timeframes for Water Main Repair + Restoration



Source: Hansen System, Water Services Department

Number of Inoperable Hydrants

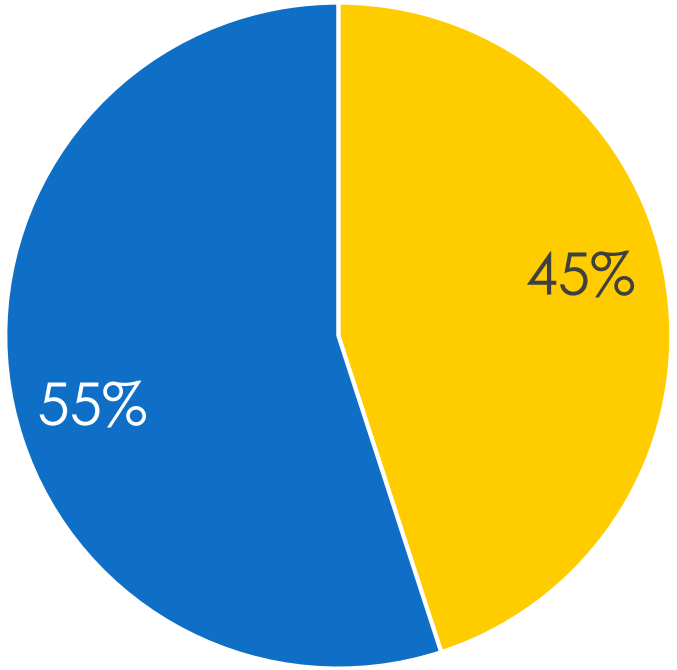


Source: Hansen System, Water Services Department

KCMO Valve Asset Management Program

Initial Operability

System Valves: 35,000
Hydrant Valves: 24,252



2011

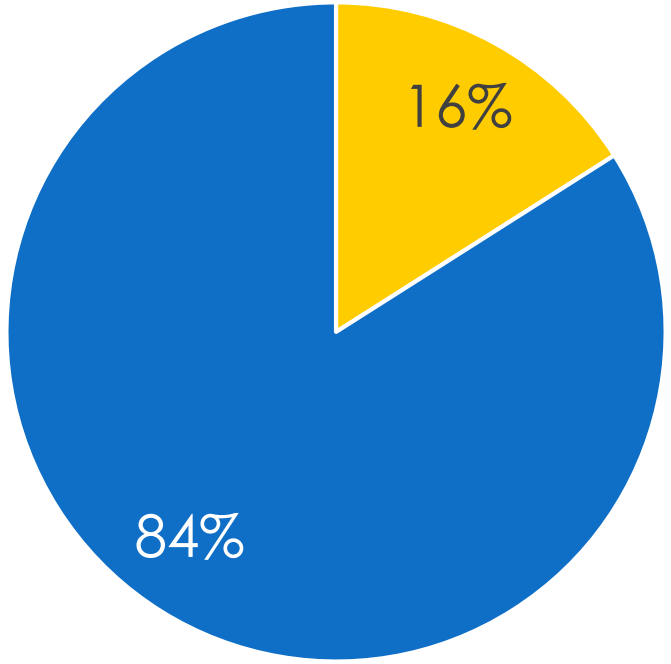
First 5 Years of Program

- Inoperable
- Operable

Calendar Year

Current Operability

System Valves Assessed: 35,500
Hydrant Valves Assessed: 6,522



2016 YTD

Source: Water Services Department

Citywide Water Main Replacement

Fiscal Year	Target	Miles Complete	In Progress
FY14	19 Miles	16.5 Miles	
FY15	28 Miles	25.96 Miles	
FY16	28 Miles	35.02 Miles	
FY17	28 Miles	11.64	16.7 Miles
Totals	**103 Miles**	**89.12 Miles**	

Source: Water Services

Strategic Asset Investment

Objective 1

Develop asset-specific plans to maintain City infrastructure to maximize useful life. (June 2017)

Citizen Satisfaction with Streets & Infrastructure

26 Percent of Citizens Satisfied with Maintenance of City Streets, Sidewalks, and Infrastructure

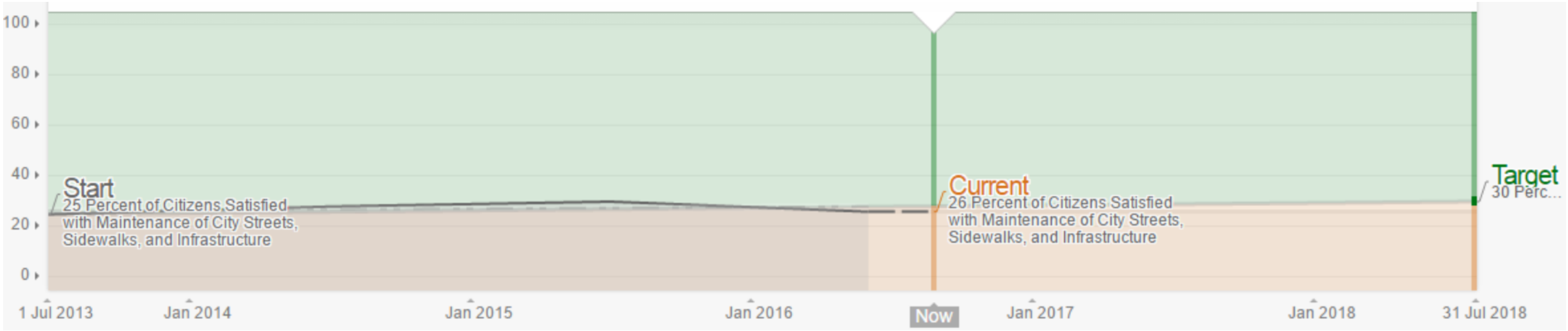
Current as of Jun 2016

30 Percent of Citizens Satisfied with Maintenance of City Streets, Sidewalks, and Infrastructure

Jul 2018 Target

Needs Improvement

Hide chart



Source: Citizen Survey

Citizen Satisfaction Importance – Satisfaction Matrix

Service	FY2016 I-S
Maintenance of streets/sidewalks/other infrastructure	1
Quality of neighborhood services	2
Quality of public transportation	3
Quality of police services	4
Stormwater management system	5
Quality of water utilities	6
Parks & recreation programs/facilities	7
Effectiveness of communication with the public	8
Customer service from city employees	9
Quality of solid waste services	10
Quality of fire/ambulance services	11
Quality of airport facilities	12
Quality of Health Department services	13
Municipal court services	14
Quality of 311 services	15

Source: Citizen Survey FY16 YTD

Streets

Bridges

Boulevards/ Parkways

Trees

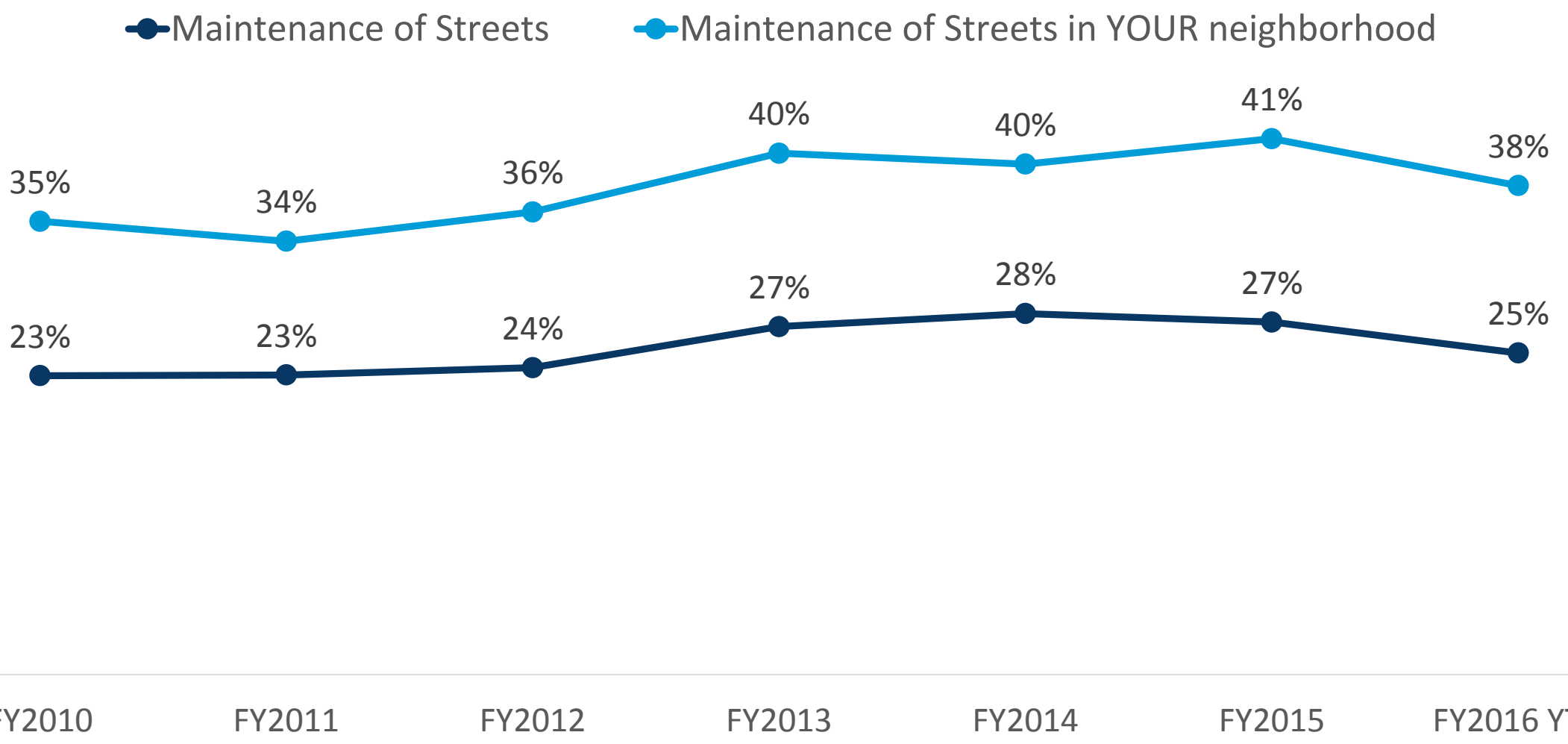
Streetlights

Traffic Signals

Street Signs

Citizen Satisfaction with Streets

Street maintenance is the #1 area of emphasis in the Infrastructure section of the citizen survey

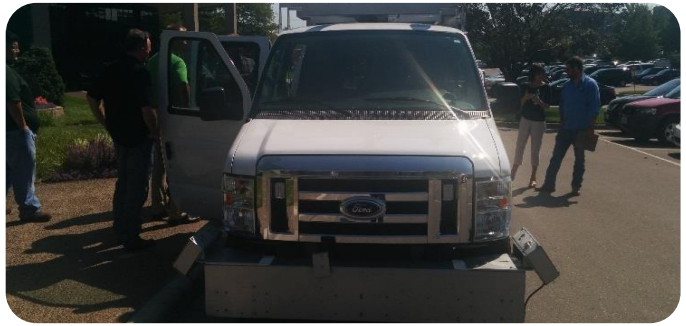


Source: Citizen Survey

Asset Inventory: Overall Condition Index (OCI)

The Overall Condition Index (OCI) is a crucial measurement of physical condition of streets that can be used to measure infrastructure health over time as well as develop a targeted plan for capital maintenance

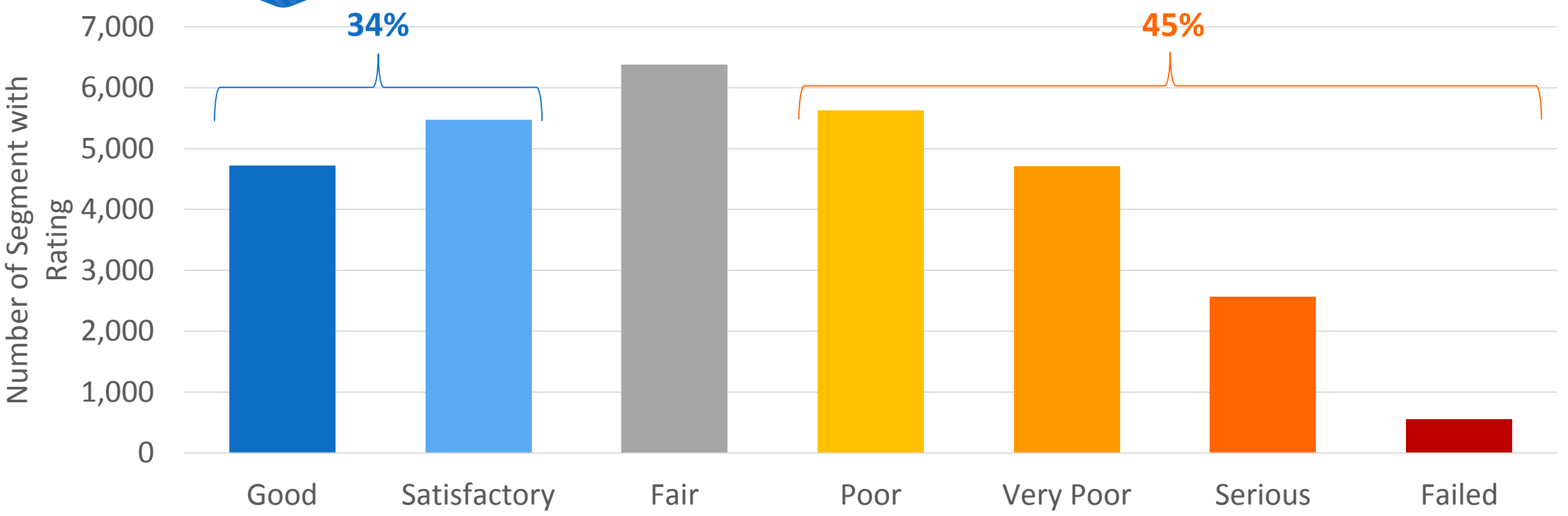
Contractor has driven the streets & gathered pavement distress data



Data has been used to produce pavement condition rating for all streets, on a segment basis

Streets will be reassessed every 3 years; data may also be used to create ratings of other infrastructure assets

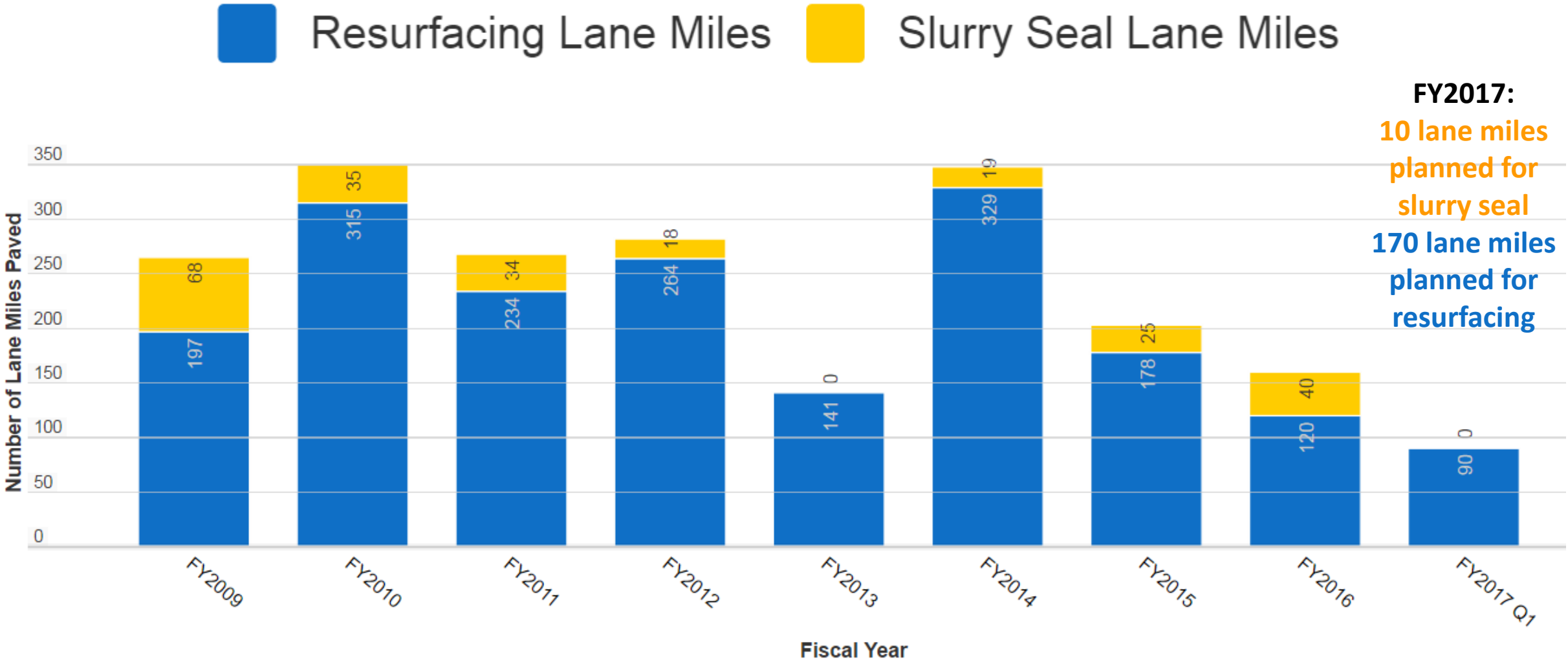
Overall Condition Index for Streets



Number of segments	4,722	5,475	6,382	5,629	4,710	2,561	550
Percent of segments	15.72%	18.23%	21.25%	18.75%	15.68%	8.53%	1.83%
Corresponding OCI Range	86-100	71-85	56-70	41-55	26-40	11-25	0-10

Source: Public Works, Cartegraph System

Lane Miles Paved & Slurry Sealed



FY2017:

10 lane miles planned for slurry seal

170 lane miles planned for resurfacing

Source: Public Works

Streets

Bridges

Boulevards/ Parkways

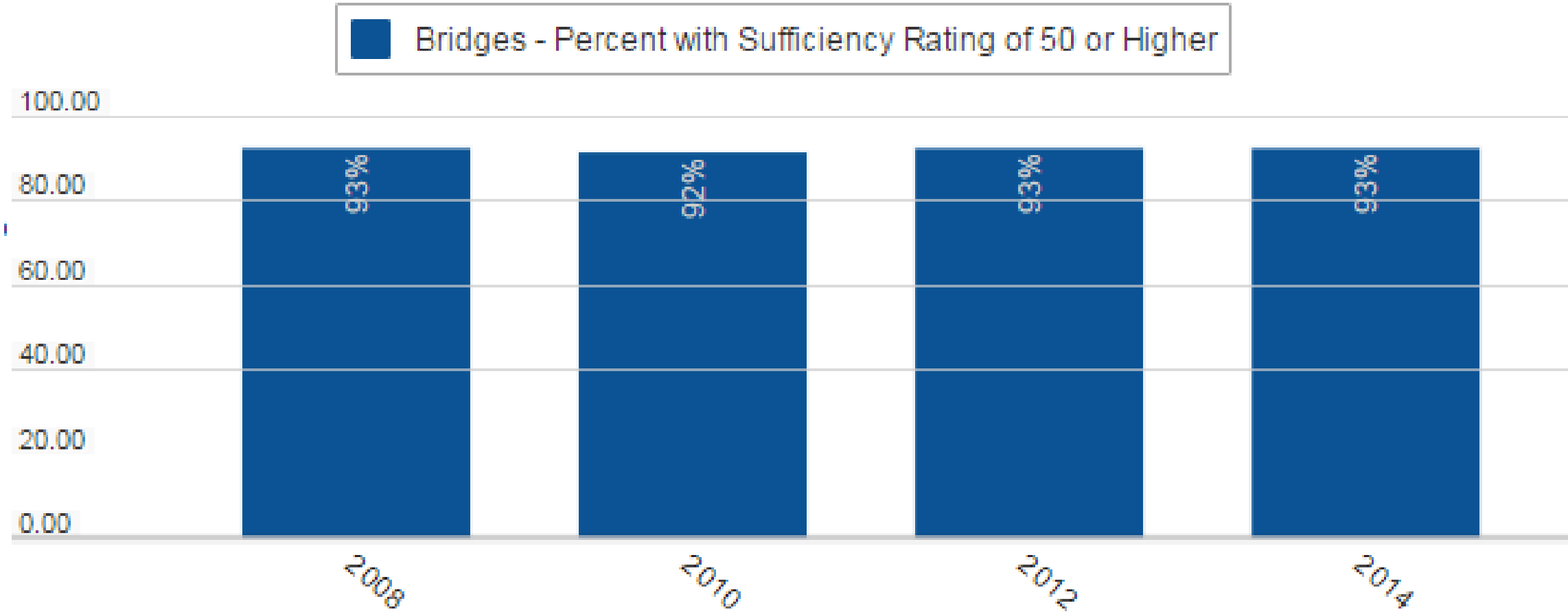
Trees

Streetlights

Traffic Signals

Street Signs

Bridge Sufficiency Rating



2016 biennial physical inspection of all City structures (570+) has been completed. Data entry is in process and will be complete in mid-October.

Source: Public Works

Streets

Bridges

Boulevards/ Parkways

Trees

Streetlights

Traffic Signals

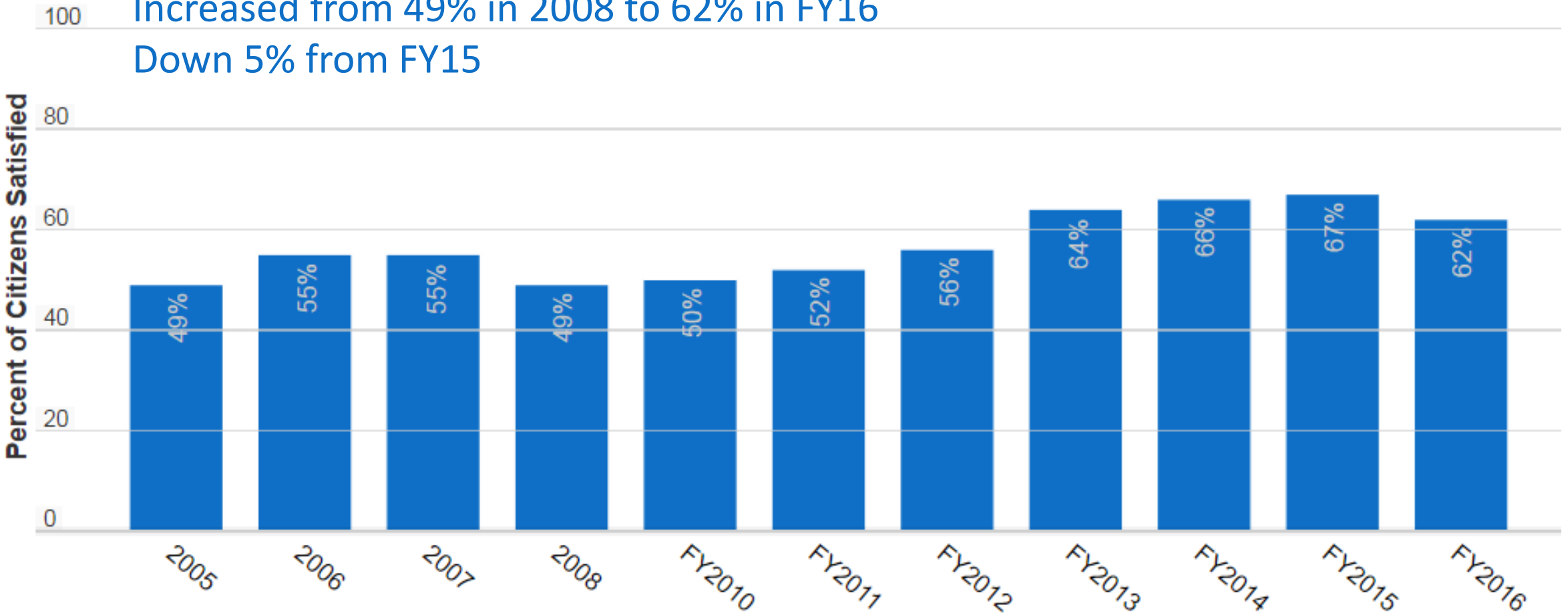
Street Signs

Citizen Satisfaction with Boulevards and Parkways

Boulevard/Parkway Maintenance is the #5 area of emphasis in the Parks and Recreation section of the citizen survey

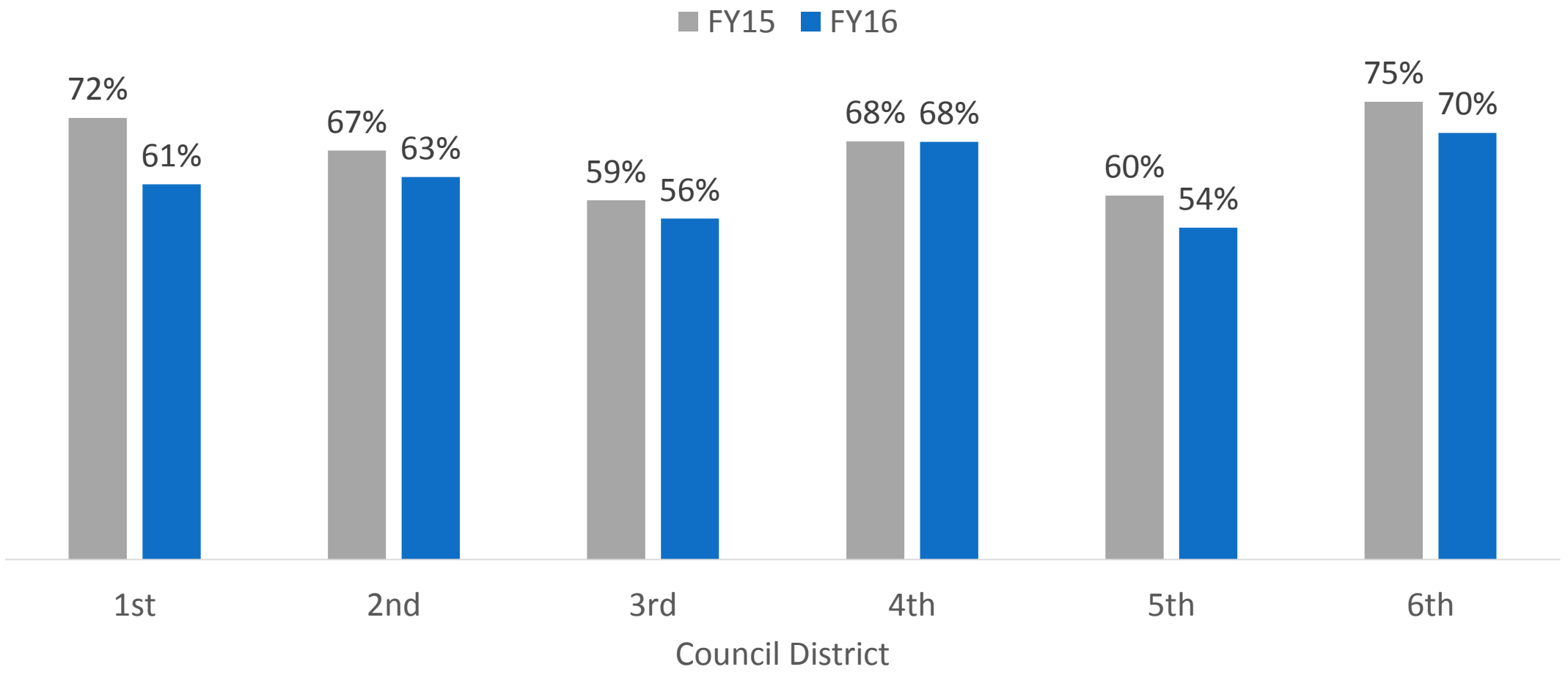
Increased from 49% in 2008 to 62% in FY16

Down 5% from FY15



Source: Citizen Survey

Changes in Citizen Satisfaction with Boulevard Maintenance by Council District FY15 to FY16

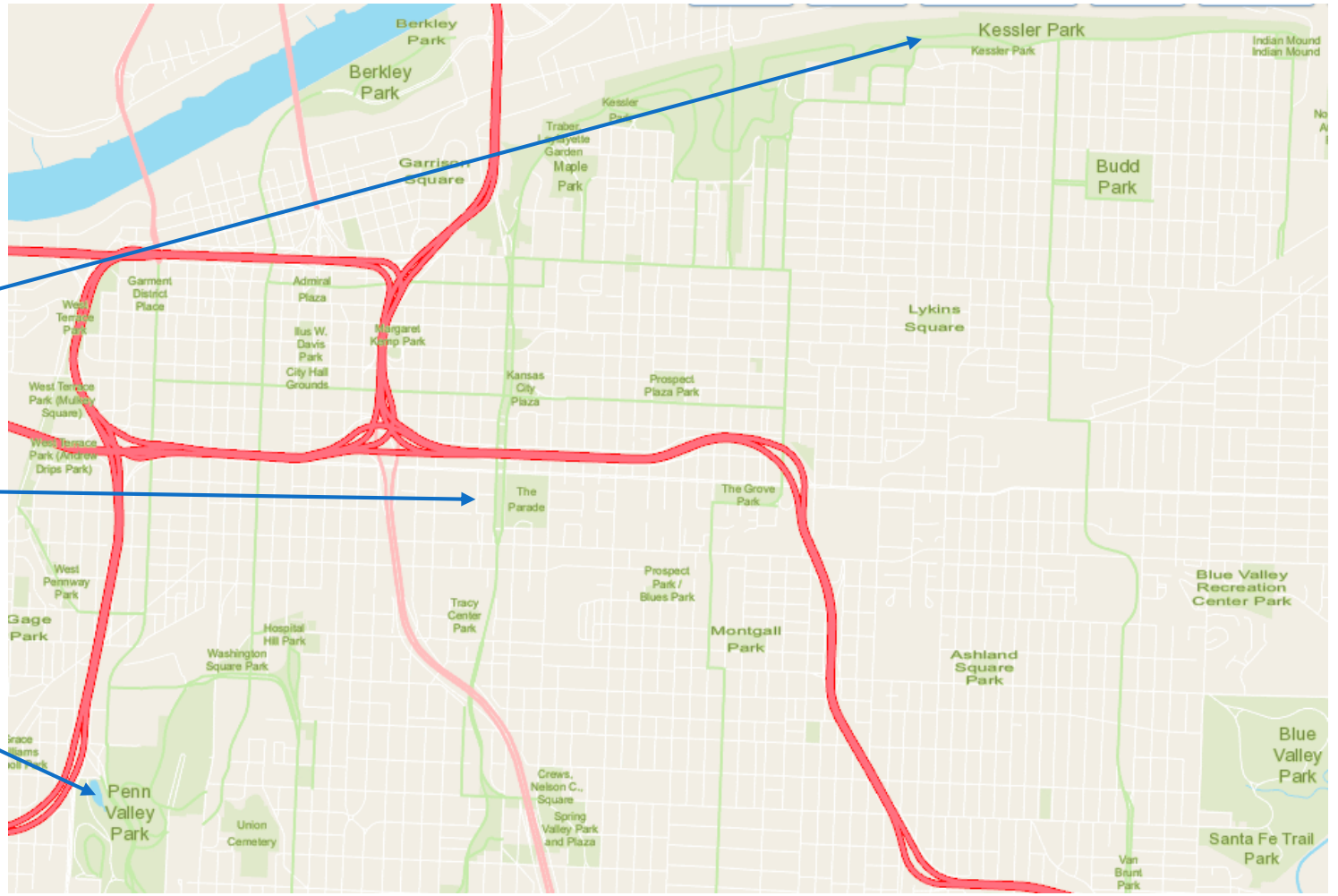


Declines were largest in the 1st and 5th District; 4th District was unchanged
Decrease in satisfaction was largely due to an increase in neutral, not an increase in dissatisfaction

Source: Citizen Survey

Historic Register Designation

- The Kansas City Parks and Boulevard Historic District has been officially listed in the National Register of Historic Places.
- The historic district is comprised of three parks, connected by a series of seven boulevards and includes:
  - Kessler Park
  - The Parade
  - Penn Valley Park
  - Independence Boulevard
  - Gladstone Boulevard
  - Linwood Boulevard
  - Armour Boulevard
  - The Paseo
  - Benton Boulevard
  - Broadway Boulevard



Streets

Bridges

Boulevards/ Parkways

Trees

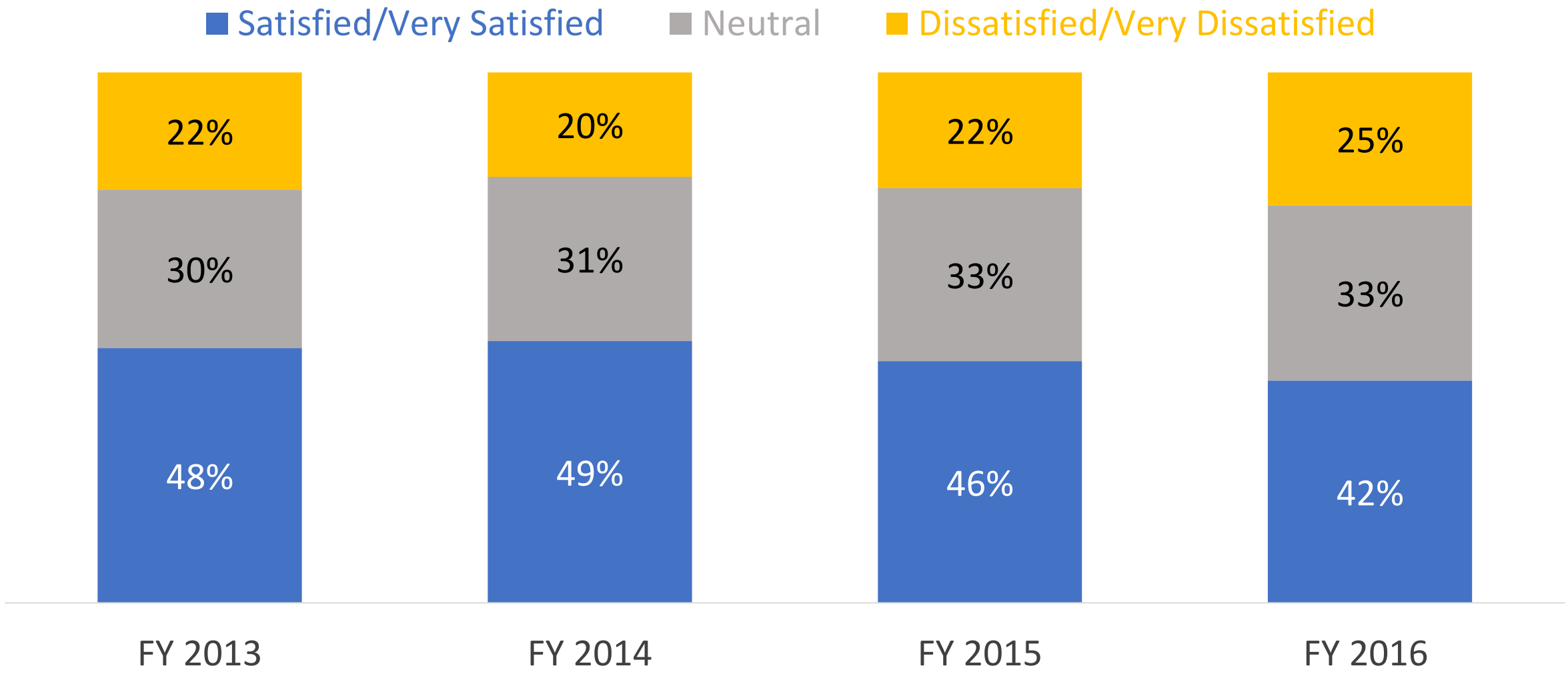
Streetlights

Traffic Signals

Street Signs

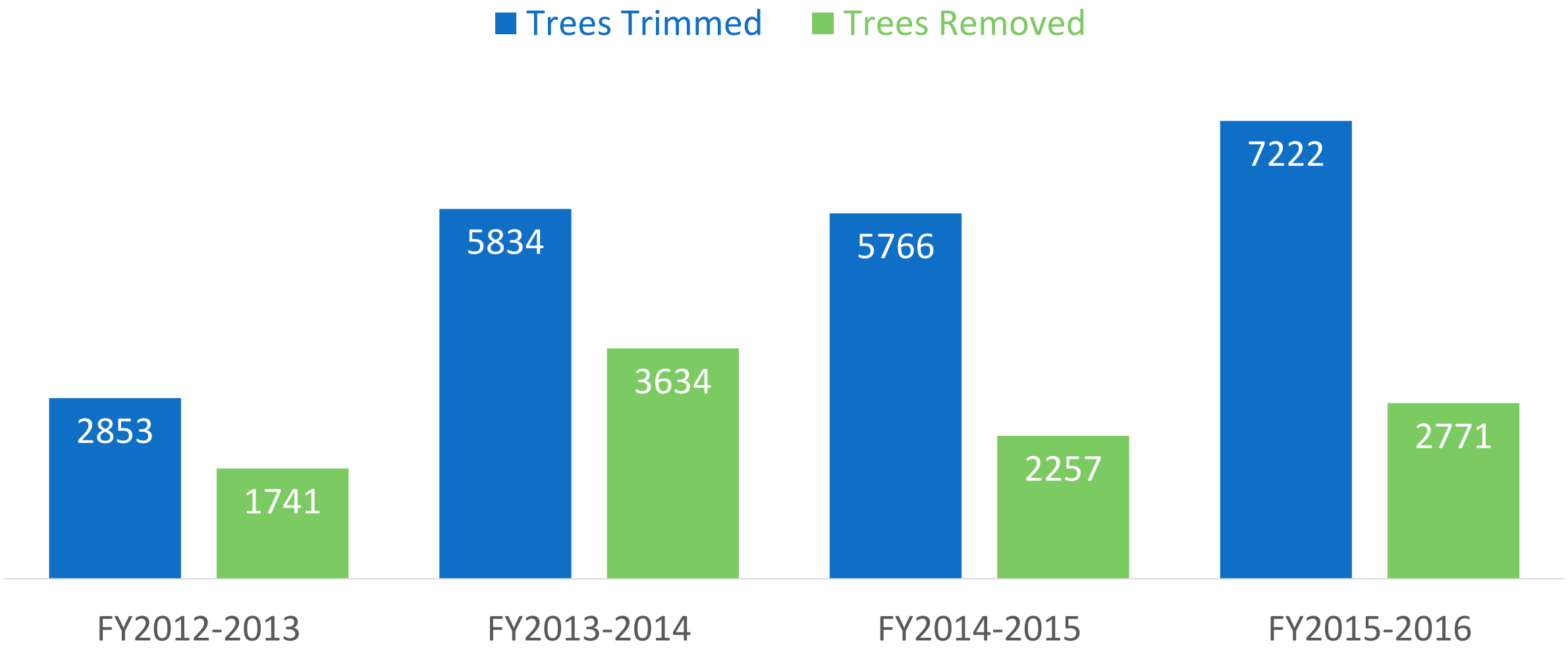
Citizen Satisfaction with Tree Trimming and Care

Tree Trimming and Care is the #1 area of emphasis in the Parks and Recreation section of the citizen survey



Source: Citizen Survey

Trees Trimmed & Removed



Source: Parks and Recreation

Streets

Bridges

Boulevards/ Parkways

Trees

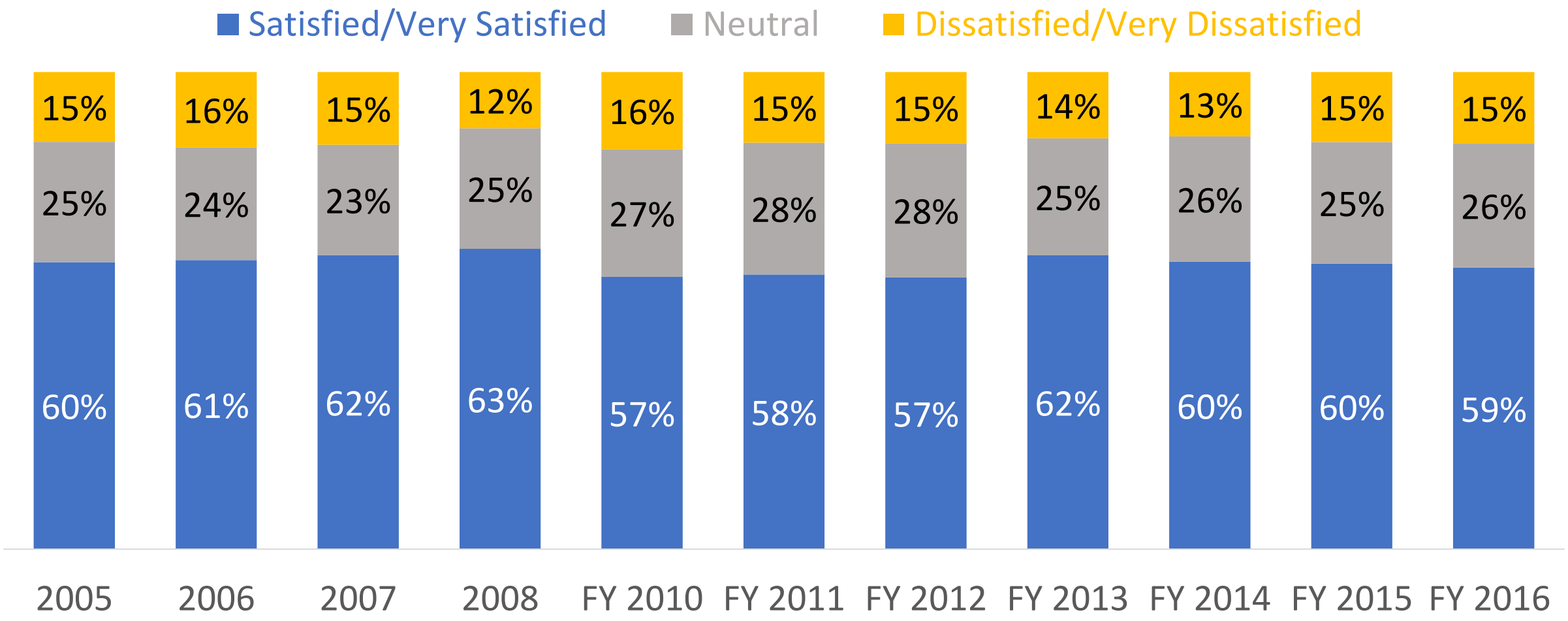
Streetlights

Traffic Signals

Street Signs

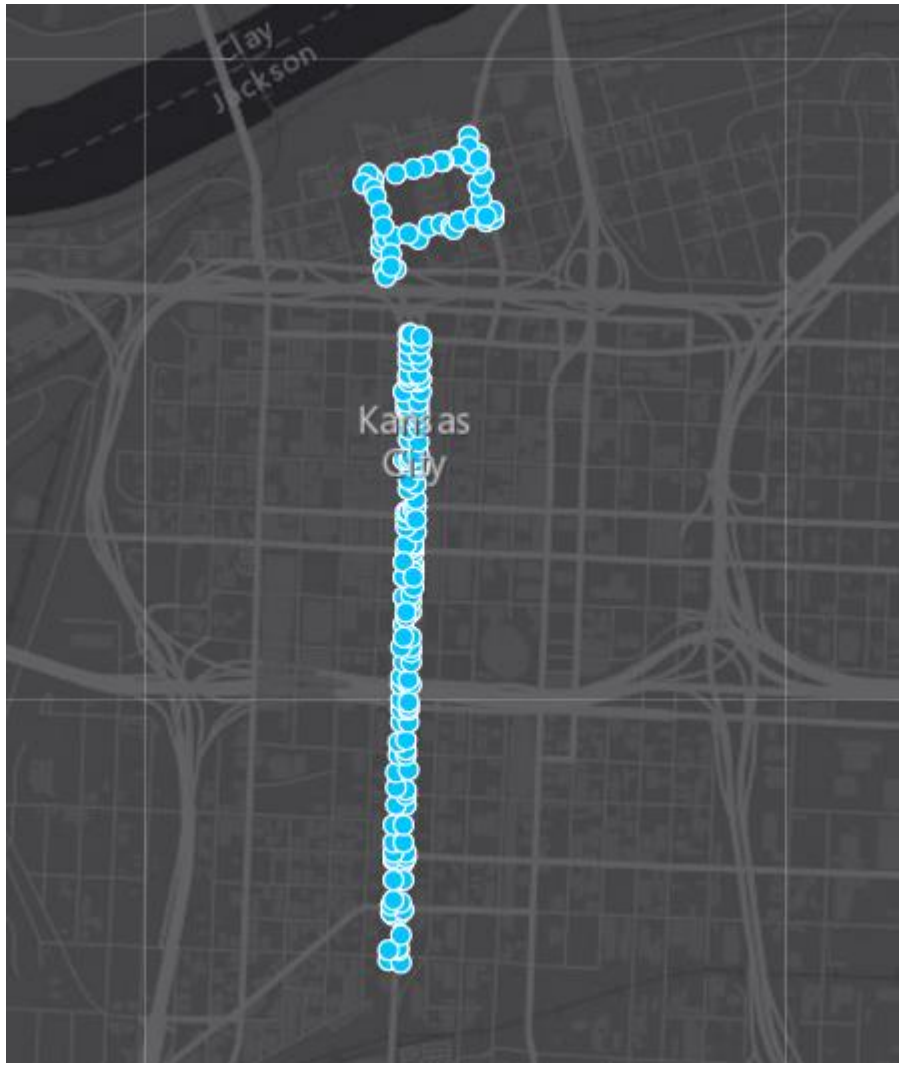
Citizen Satisfaction with Streetlights

Adequacy of street lighting is the 9th highest area of emphasis in the Infrastructure and Transportation section of the citizen survey

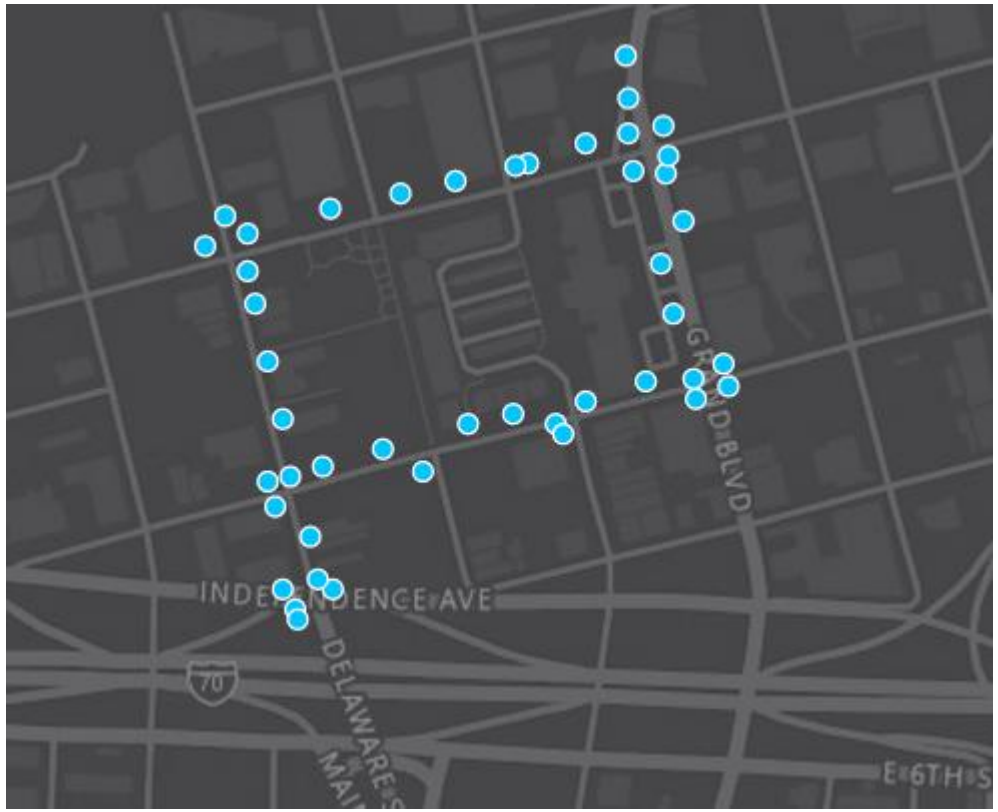


Source: Citizen Survey

LED Smart Streetlights Pilot



171 Sensity sensors attached to LED streetlights as part of Smart Cities project



Source: Public Works

Streets

Bridges

Boulevards/ Parkways

Trees

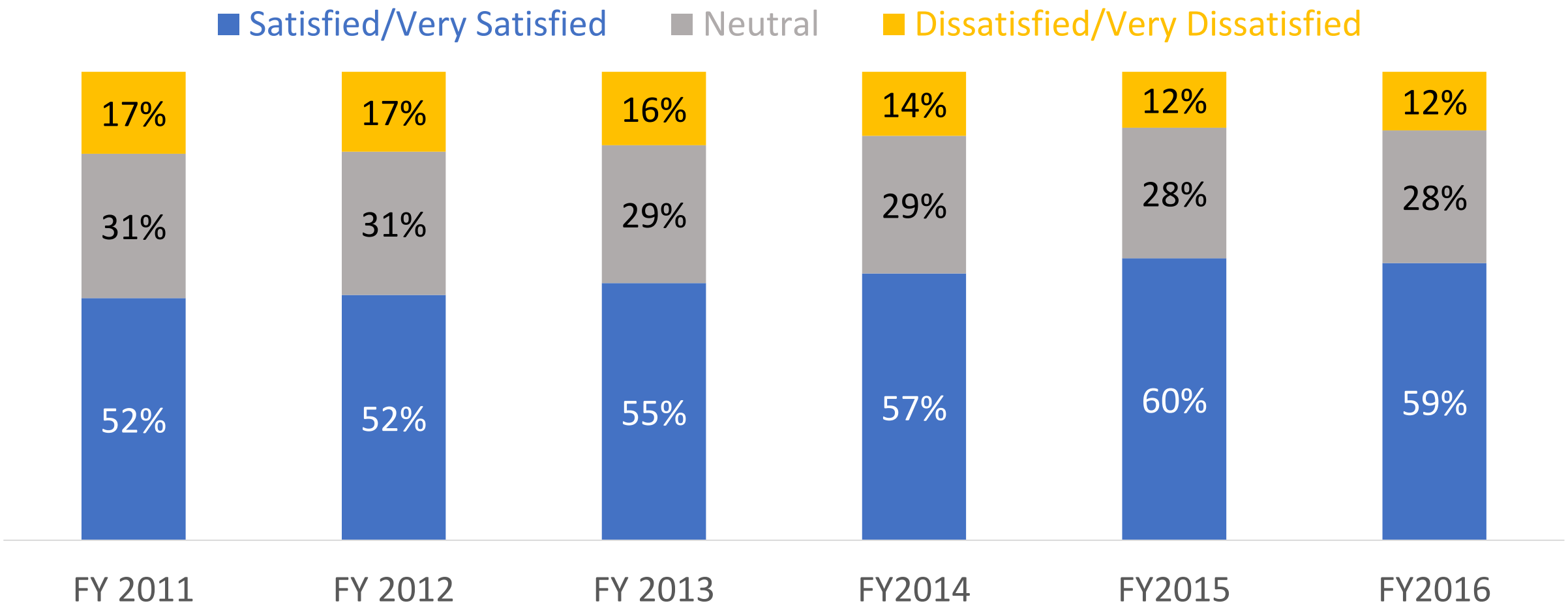
Streetlights

Traffic Signals

Street Signs

Citizen Satisfaction With Street Signs/Traffic Signals

Street signs/traffic signals is the 10th highest area of emphasis in the Infrastructure and Transportation section of the citizen survey



Source: Citizen Survey

Signal Inventory and Capital Needs

290 traffic signals **do not meet** federal standards (or "warrants") for existence

Signals Not Meeting Traffic Warrants by Location

CBD	D1	D2	D3	D4	D5	D6	Multiple	Total
62	7	15	70	72	34	19	11	290

298 traffic signals **meet** federal standards (or "warrants") for existence

Signals Meeting Traffic Warrants by Condition

Type of Upgrade	Number of signals	Cost per signal	Total cost
Good condition	169	--	--
Need to be replaced	85	$300,000	$25.5 million
Need to be upgraded	44	$100,000	$4.4 million
Total	**298**		**$29.9 million**

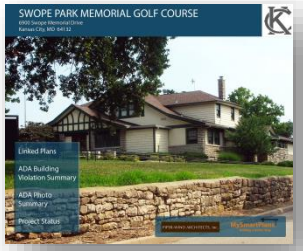
6 signals are planned for upgrade in FY16-17, along with 2 signal additions and 5 signal interconnects

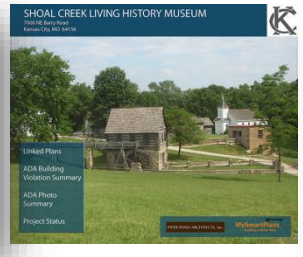
Source: Public Works

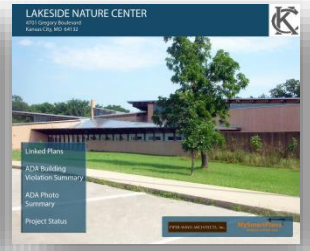
Objective 9

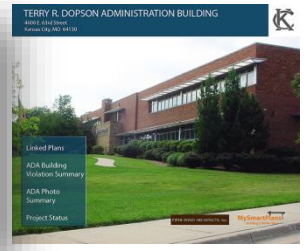
Implement an American with Disabilities Act (ADA) Plan to meet the Department of Justice's requirements. (Ongoing)

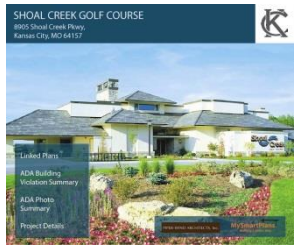
Bid Packages and Projects

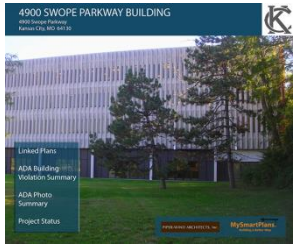












12 Bid Packages SERVING 5 CITY DEPARTMENTS

Transition Plan

MySmartPlans®
Building A Better Way

- Evaluated and assessed City facilities to complete the DISCOVER phase; coordinated with facility managers.
- Created evaluation matrix for **40,000+** non-compliant items to include accessibility requirements, additional details, recommended solutions, and guidelines referenced.
- Supported data with location plans and photographs.
- Established appropriate / developed recommended solution for each deficiency within City's facilities (provided alternate solutions as appropriate).

Communications

- Owning City Department Staff and City Officials / Committee Members / Commissioners
- Facility Construction Teams
- Facility Tenants
- Facility Public Users
- Communications =
  Customer Service

BARTLE EXHIBITION HALL – 13TH STREET DOORS

301 West 13th St.
Kansas City, MO 46105

Bid Documents
- Drawings
- Project Manual
- Addenda

For Informational Purposes Only
- Topographical Survey
- Geotechnical Report
- Wind Loading Assessment
- Existing Historical Drawings

PIPER-WIND ARCHITECTS, Inc.

MySmartPlans
Building a Better Way

State of Curb Ramps in KCMO

170 constructed this year

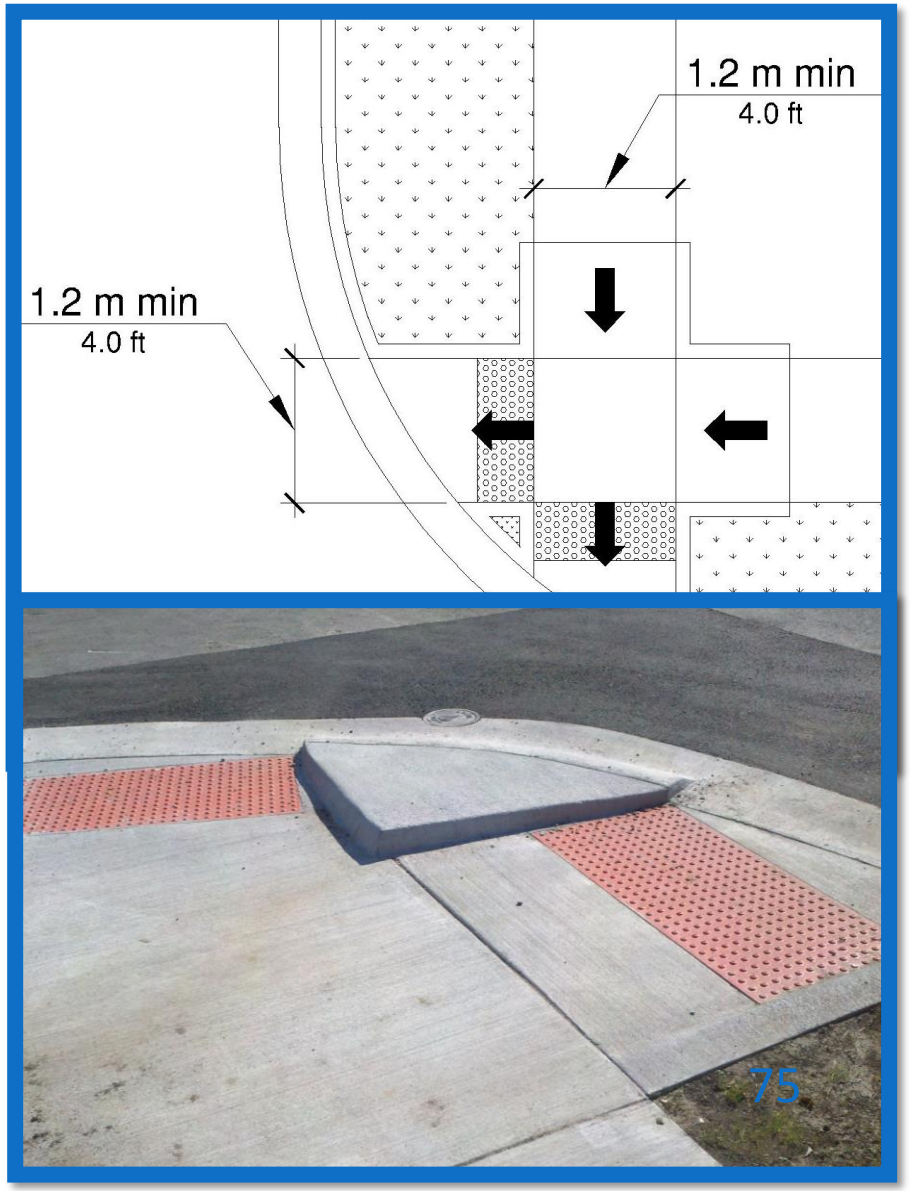
21,750 – Number of corners with sidewalks leading to them

2,230 – Approximately how many corners are not ramped

$4,500 – The average cost per corner to install a curb ramp

$10M – Estimated cost to reconstruct un-ramped corners

$2.5M – Estimated annual cost to maintain curb ramps



Source: Public Works

Objective 10

Facilitate the development & use of facilities, venues, & spaces for diverse arts activity throughout the City. (Ongoing)

Arts Programs and Venues

One Percent for Art Program

KC Museum

Fountains and Sculptures

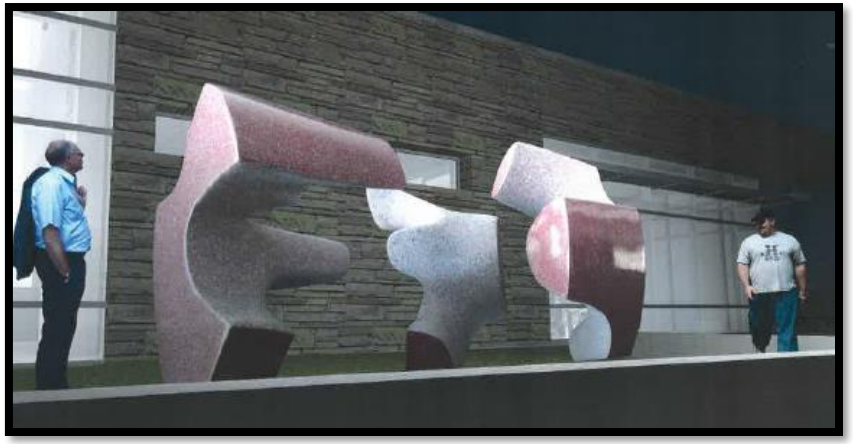
One Percent for Art – New and Upcoming Projects

Streetcar Projects

- Gathering, Watching and Passing By
- Transporters

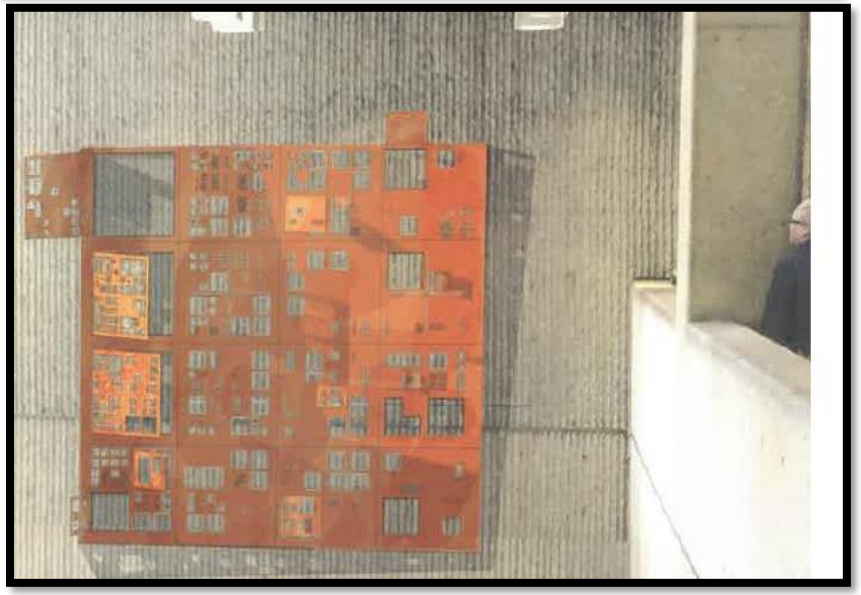
North Patrol

- To Serve and Protect



Municipal Court

- 16 Windows



Source: Public Art Program

Art in the Park – Temporary Art Program in Ilus Davis Park

The program:

- Grooms artists for future One-percent for Art opportunities and assists performers by expanding their portfolios
- Brings beauty, creativity and awareness to the City's parks and to downtown employees, residents and visitors
- Opens parks, museums and performance stages by bringing art and entertainment to a segment of the public that might not typically visit galleries, concert halls, and other arts venues

One Percent for Art – Sky Stations

Sky Stations and the interior works were recently appraised at $5 million.

The Sky Station will be reinstalled on September 18th

Arts Programs and Venues

One Percent for Art Program

KC Museum

Fountains and Sculptures

KC Museum: Design Planning Process

Phase One: Discovery (completed)

Phase Two: Master Planning (in process)

Phase Three (approved August 23, 2016):
Design Development, Construction Documents, and Bid Documents for Stage I Construction

Stage I Construction: lower level, first floor, and second floor of Corinthian Hall

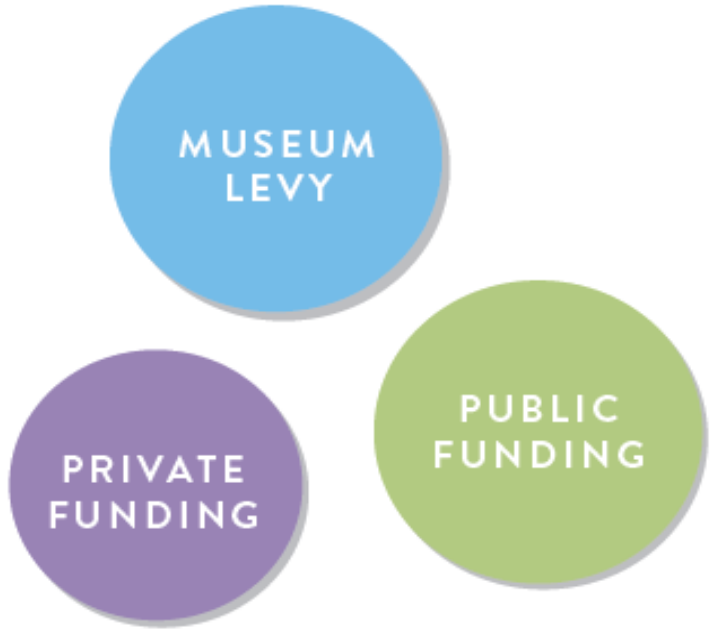
Start Stage I Construction in Spring 2017; complete and open Corinthian Hall to the public in 2019

ESTIMATED CAPITAL COSTS AND FUNDING

STAGE I PROJECT COSTS: $12 Million

STAGE II-V PROJECT COSTS: In process, to be shared once finalized

FUNDING SOURCES:



KC Museum: Stages of Construction

Stages I & II: Corinthian Hall
completed 2019 & 2020

Stage III: Carriage House
completed 2021

Stage IV: Conservatory, Gate House, and Gardener's Tool Shed, perimeter fence and gates, and the grounds
completed 2022

Stage V: New Building
completed 2025

Each stage of construction will be preceded by a phase of design. Additionally, each stage of construction will incrementally increase and improve exhibitions, collections, and program spaces as well as amenities, and each stage will open to the public a new face of the Museum upon its completion.

KC Museum Overview of Planning Documents

Draft Mission Statement from Strategic Plan: *The Kansas City Museum preserves, interprets, and celebrates Kansas City through collections, exhibitions, and bold programs that reflect the City's evolution and spirit, and engage visitors in unfolding stories about Kansas City's vibrant history, cultural heritage, and pride.*

Strategic Plan	• To be adopted in September 2016 • Established new mission, vision, values and strategic goals for fiscal years 2017-2024
Business Plan	• To be adopted in September 2016 • Establishes operating revenue and expenditures for fiscal years 2019-2024, benchmarked against comparable local and national museums.
Space Planning Report	• To be finalized in fall 2016 • Establishes preliminary design, and space and programming needs; outlines project stages, timeline and cost estimates.
Visitor Experience Plan	• To be completed in fall 2016 • Expands upon 2010 interpretive plan, focusing on designating thematic and topical approaches to exhibition gallery spaces in Corinthian Hall and Carriage House.

Arts Programs and Venues

One Percent for Art Program

KC Museum

Fountains and Sculptures

Fountains and Monuments

Inventory

- 48 fountains
- 110 monuments, memorials and sculptures
- 35 sculptures within fountains

Wish Upon a Fountain Campaign

- Since 2013, $3.2M raised for renovations to 8 fountains
- 4 renovations complete (JC Nichols, Seville Light, Children's and Volker)
- Repair planning underway for 3 other fountains plus the Pergola on the Paseo
- 2 other fountains in serious need of restoration (Westside and Firefighters)

Other recent fountain renovations

- Marlborough Plaza
- Kemper/ATA Transit Plaza
- Eagle Scout Fountain
- 1% for Art project added to Firefighters Memorial

Sculpture and monument maintenance

- Treated by professional art conservators as funding permits
- Goal for bronze sculptures/plaques: Inspected, cleaned, and waxed every 1-2 years
- Over 30 individual artworks conserved in last 3 years
- Many still in need of attention

Multi-Modal Transportation

Objective 3

Develop & increase access to multi-modal transportation options such as buses, bicycle lanes, trails, sidewalks, & the streetcar system. (through 2019)

Citizen Satisfaction Importance – Satisfaction Matrix

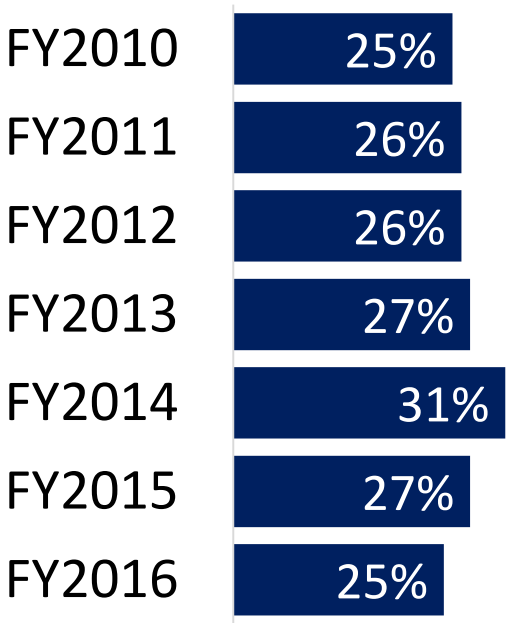
Service	FY2016 I-S
Maintenance of streets/sidewalks/other infrastructure	1
Quality of neighborhood services	2
Quality of public transportation	3
Quality of police services	4
Stormwater management system	5
Quality of water utilities	6
Parks & recreation programs/facilities	7
Effectiveness of communication with the public	8
Customer service from city employees	9
Quality of solid waste services	10
Quality of fire/ambulance services	11
Quality of airport facilities	12
Quality of Health Department services	13
Municipal court services	14
Quality of 311 services	15

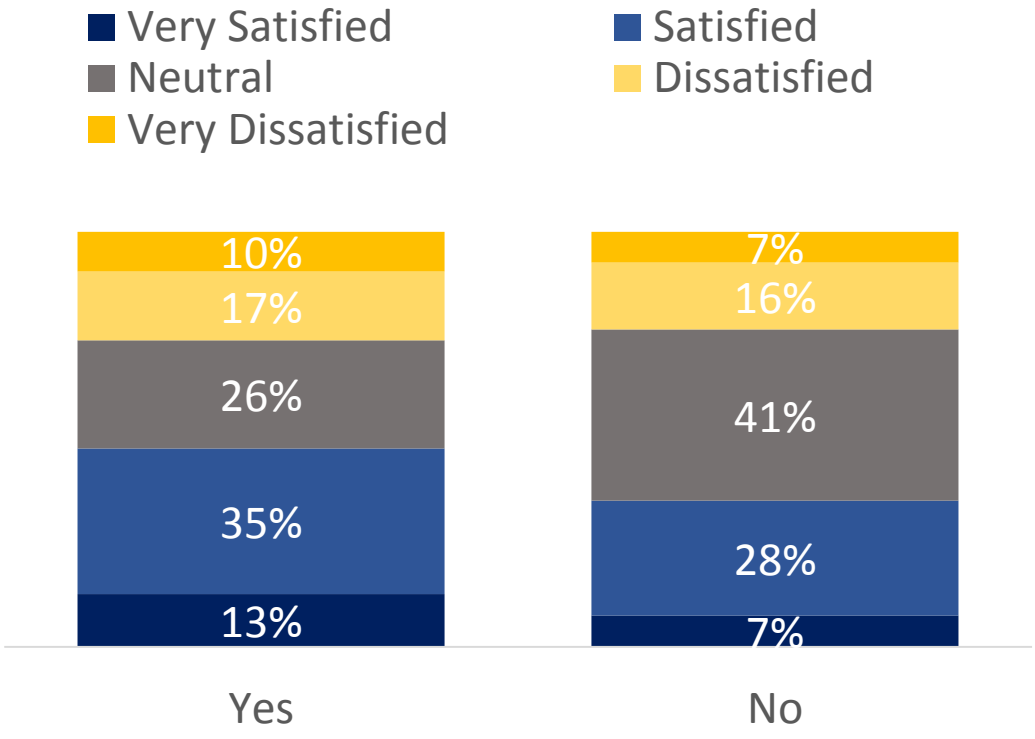
Source: Citizen Survey FY16

Citizen Use of Public Transportation

Use of public transit is **down** & users are more likely to be **very satisfied & very dissatisfied** than non-users.

Have you used Public Transportation in the Past Year?





FY17: Public transportation question split into “KCATA bus system” and “KC Streetcar”
Q1 Results: 19% report riding KCATA bus system, 26% report riding KC Streetcar

Source: Citizen Survey

Streetcar

KCATA

Active Transportation

Sidewalks

OUTLINE

1. Ridership
2. Performance
3. Outreach

MAIN STREET
KC Streetcar
Grand Opening
May 6, 2016
Power & Light
STREETCAR
18TH ST
VINE ST

Ridership Facts

Total Ridership:	**829,328**
Highest Ridership (July 16, 2016):	**15,780**
Forecasted Daily Average:	**2,700**
KC Streetcar Average to-date:	**6,800**

Source: KC Streetcar

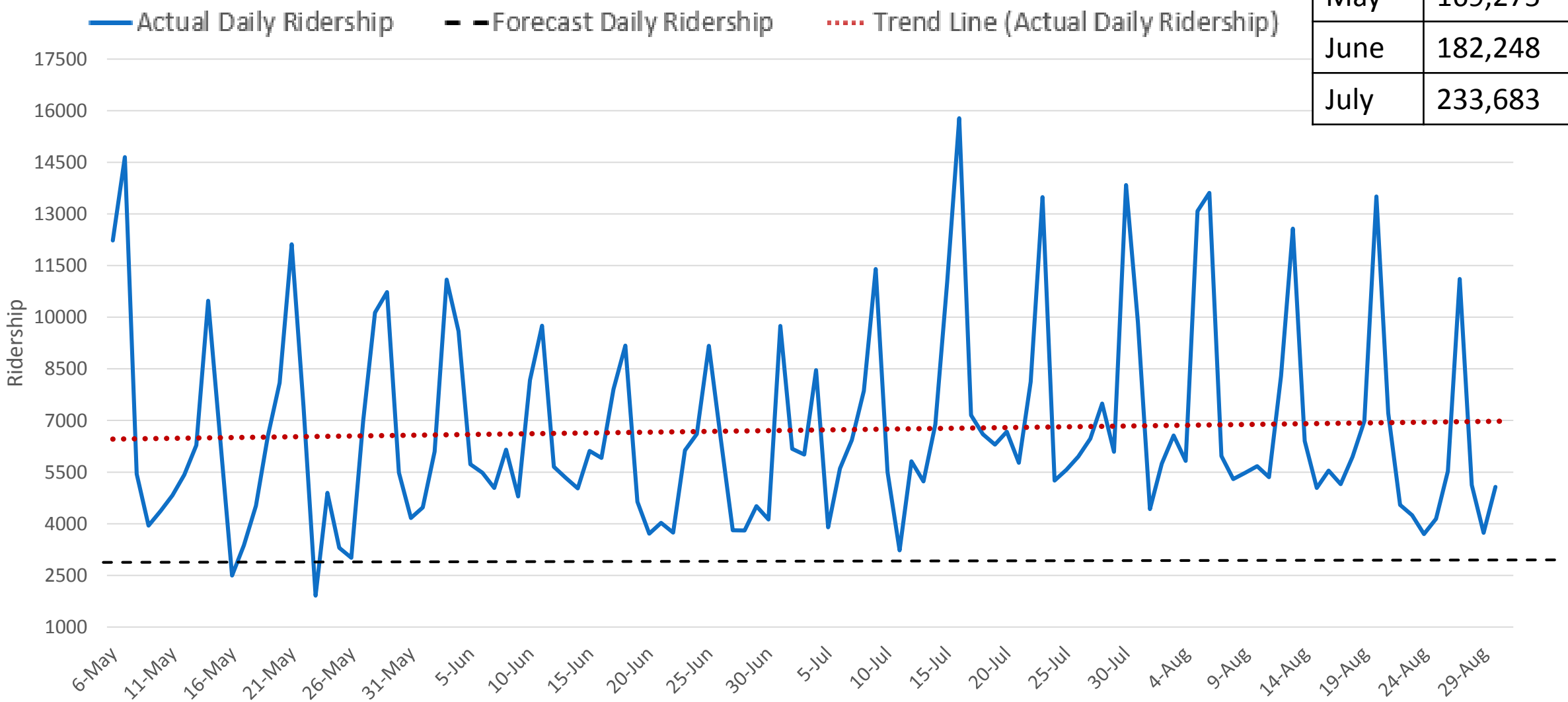
Ridership Counting: Quality Control

- **AUTOMATIC COUNTERS:** Calculated by Automated Passenger counters/sensors (APC) over each door of each streetcar.
- **QUALITY CONTROL:** Data is downloaded daily, reviewed and finalized by third-party for accuracy.
- **MANUAL COUNTS:** 30 manual passenger checks performed during month of July to check for accuracy.
- **ACCURACY:** APC counts are within 1.4% accuracy (undercounting)

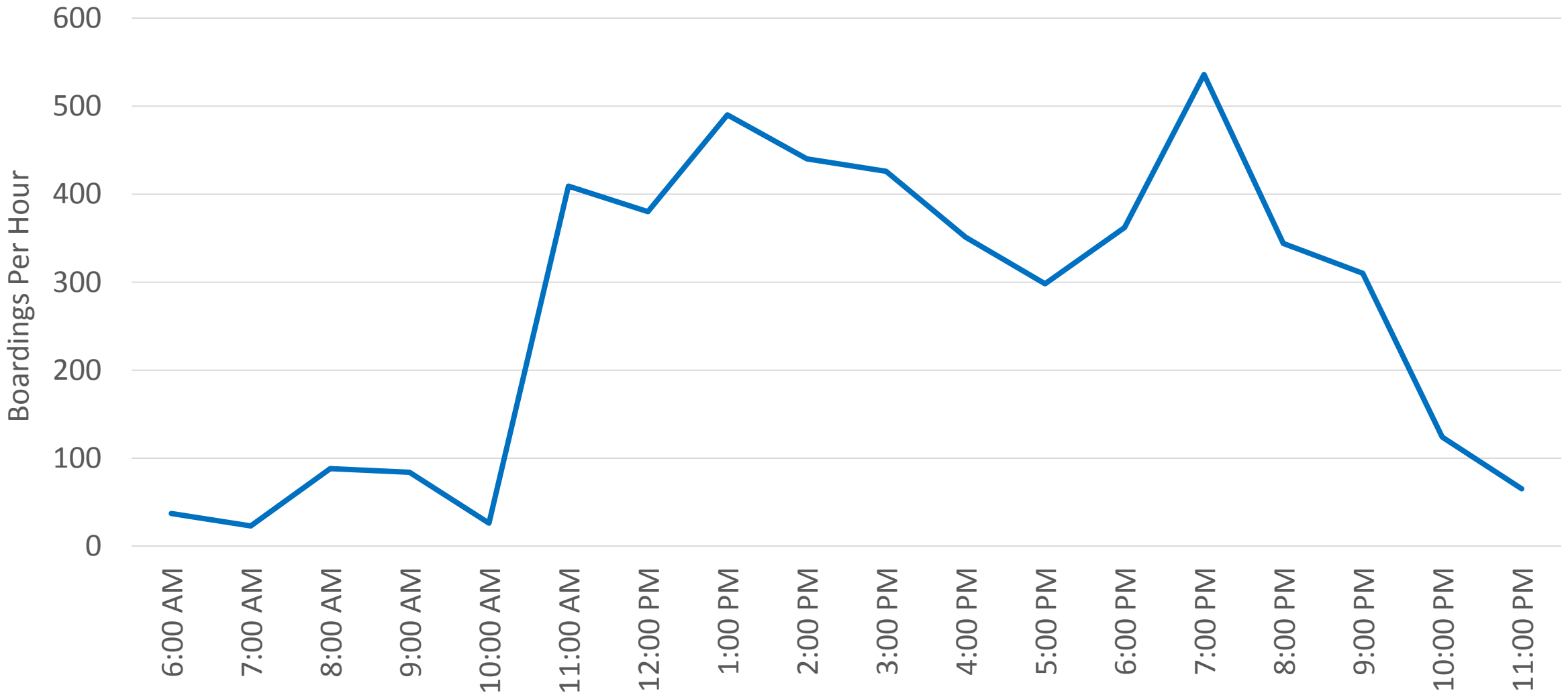
Source: KC Streetcar

RIDERSHIP TO DATE

May	169,275
June	182,248
July	233,683

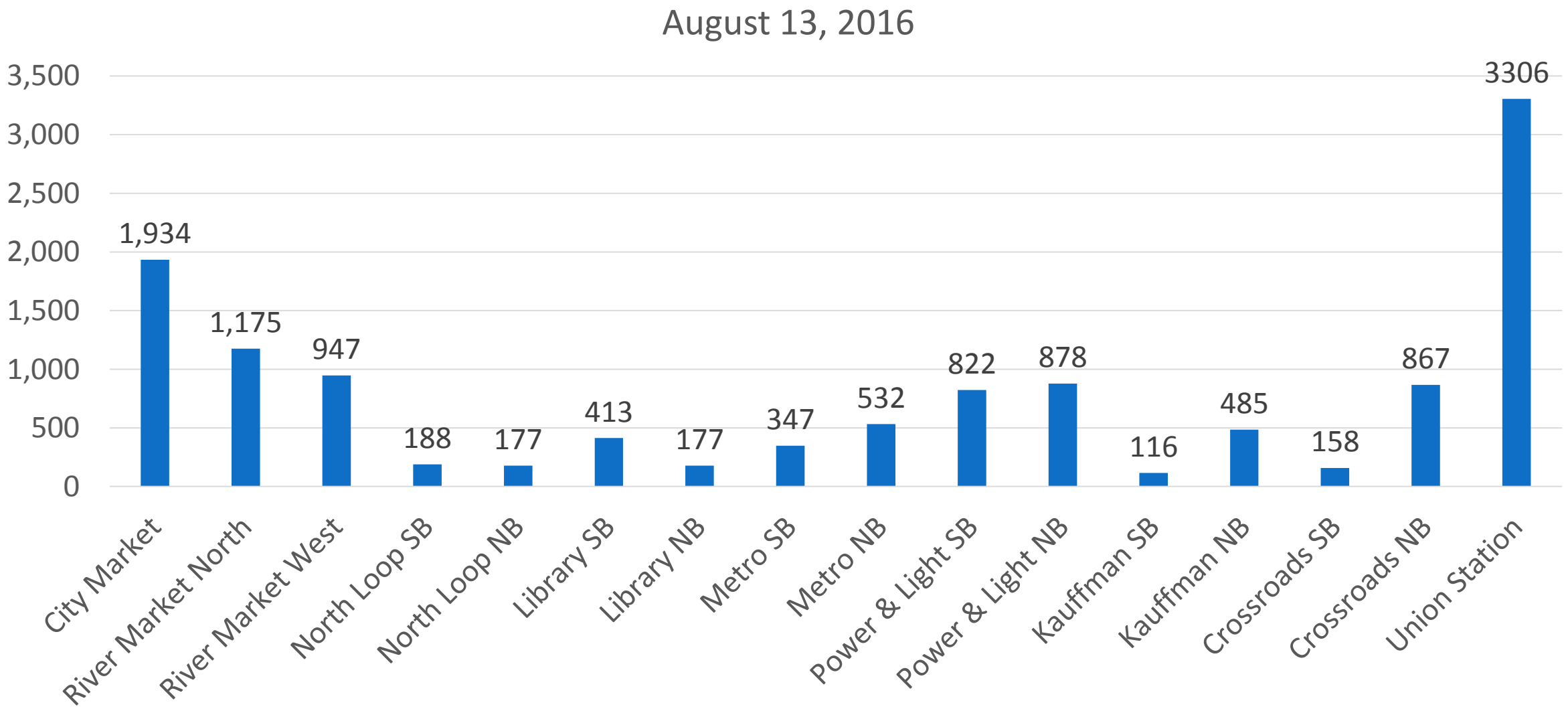


Typical Weekday Hourly Ridership



Source: KC Streetcar

KC Streetcar Boardings by Stop



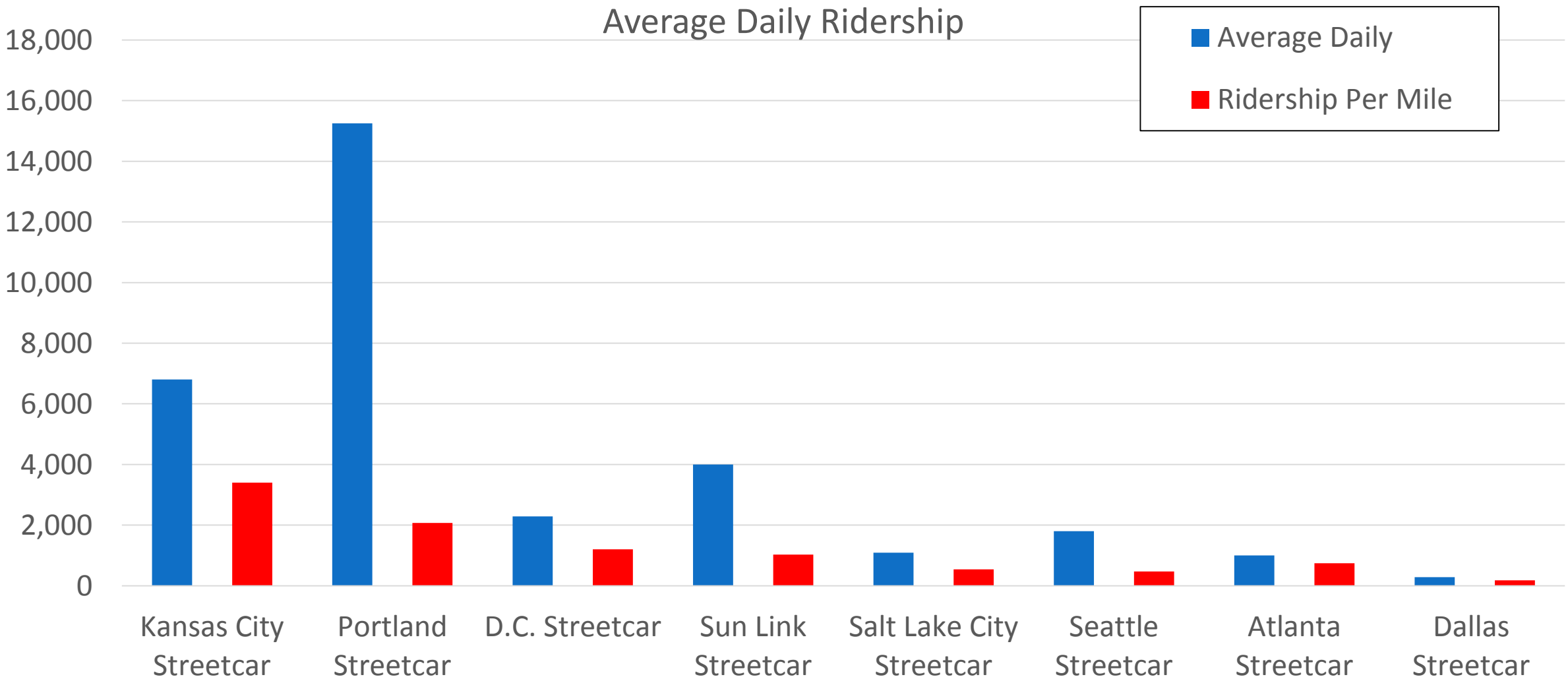
Source: KC Streetcar

KC Ride Regional Fixed Route Transit Trips

July 2016		
KCATA	1,105,955	79%
Johnson County Transit	30,623	2%
Unified Government Transit	12,246	1%
Independence Transit	20,413	1%
KC Streetcar	233,683	17%
Total Trips	1,403,012	

Source: KC Streetcar

National Context: Ridership



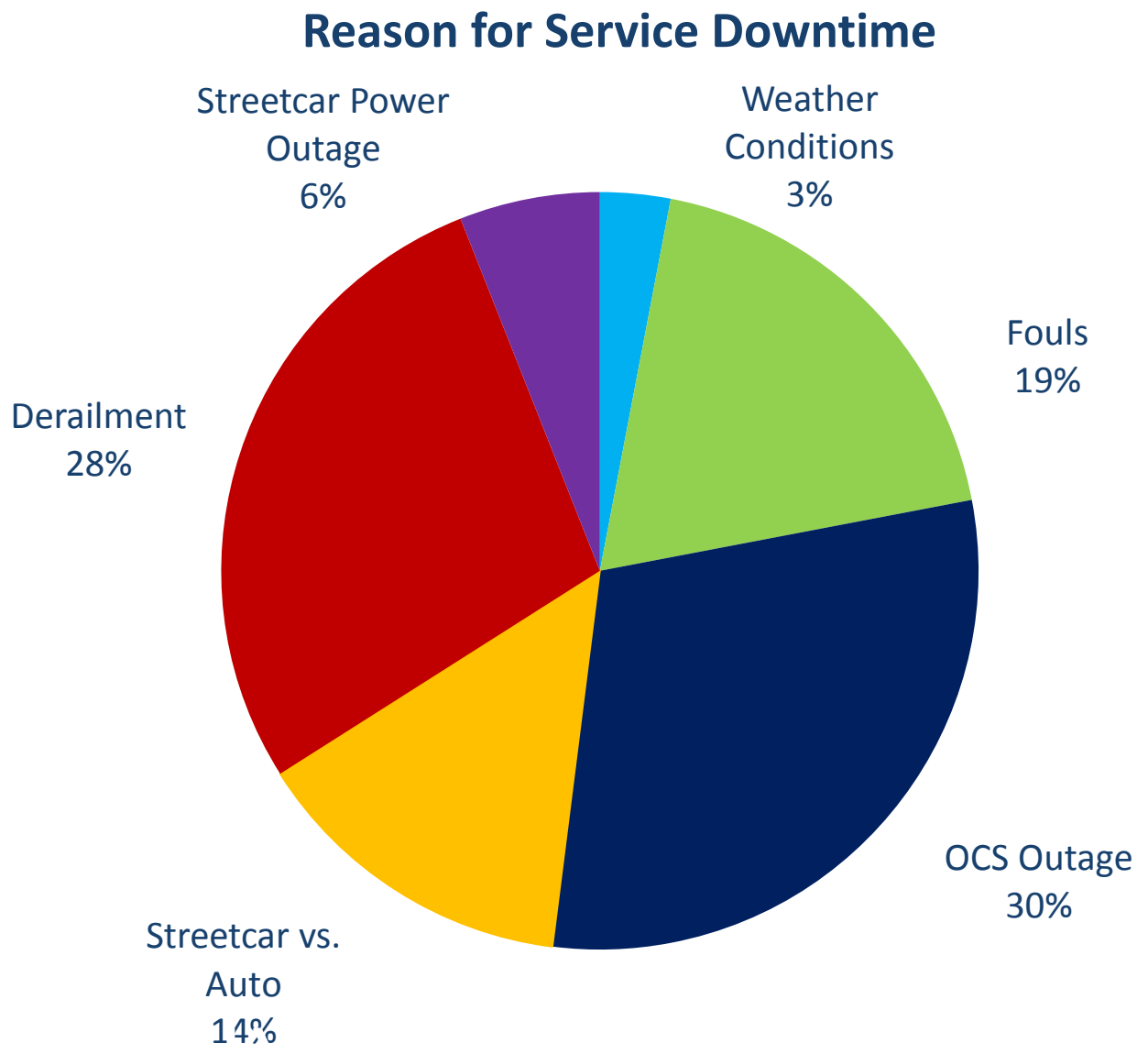
Source: KC Streetcar

Operational Reliability

TOTAL UPTIME:
1634.15 HOURS
99.16%

TOTAL DOWNTIME:
13.85 HOURS
0.84%

ON-TIME PERFORMANCE:
88.6% (early/on-time)



Source: KC Streetcar

Safety And Security

- 3 streetcar vehicle related events since opening
- 0 reportable on-board passenger injuries since opening
- 0 reportable employee injuries since opening
- 0 on-board arrests since opening

Source: KC Streetcar

Social Media Comparison: Active Streetcar Cities

System	Twitter Followers (August 2016)
KC Streetcar (@kcstreetcar)	10,535
Cincinnati Streetcar (@CB_Connector)	2,321
Portland Streetcar (@PDXStreetcar)	3,461
Atlanta Streetcar (@AtlStreetcar)	5,685
DC Streetcar (@DCStreetcar)	8,042
Sun Link Streetcar (@TucsonStreetcar)	3,025
Toronto Streetcar (@StreetcarTO)	3,180
Seattle Streetcar (@TheStreetcar)	3,563

Source: KC Streetcar

802
RideKC STREETCAR
KITYPOST
POWER &
KITCHEN + BAR
BRGR

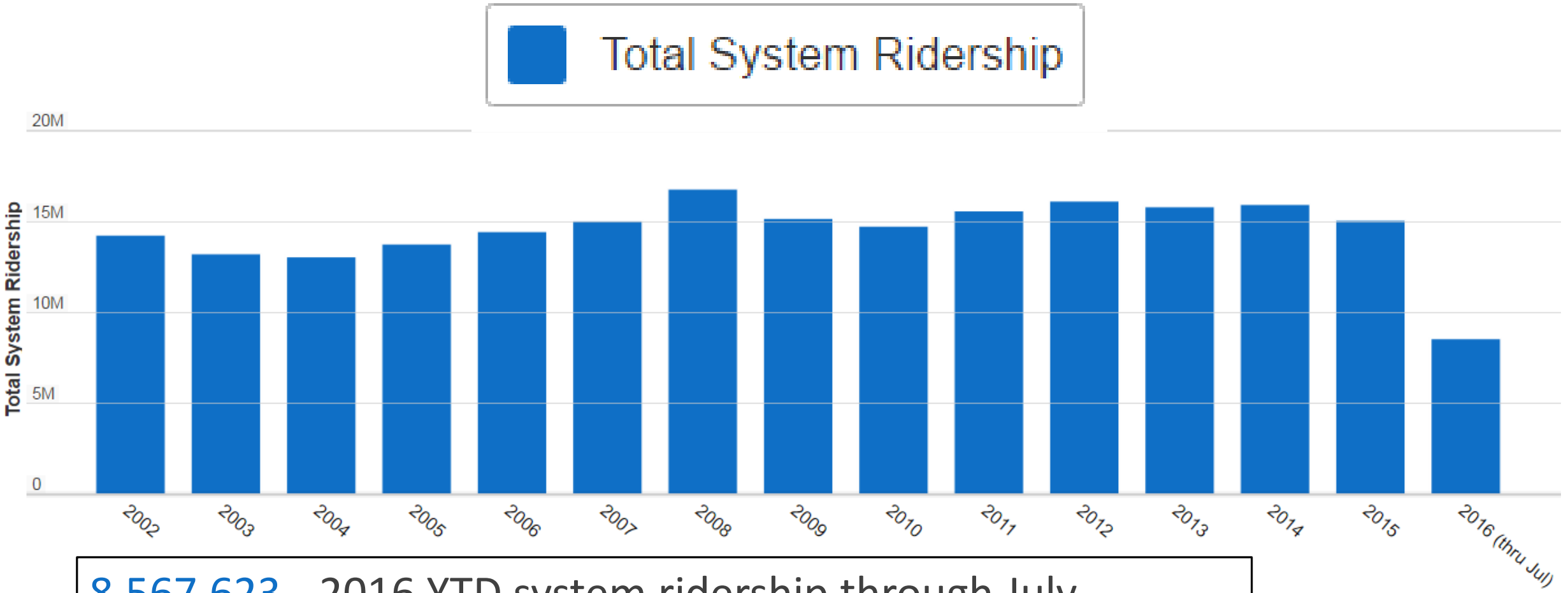
Streetcar

KCATA

Bike/Ped

Sidewalks

KCATA Ridership – Total System Ridership



8,567,623 - 2016 YTD system ridership through July
7.2% decline compared to same time period in 2015

Source: KCATA (kcstat.kcmo.org)

Route by Route Changes – June '15 to June '16

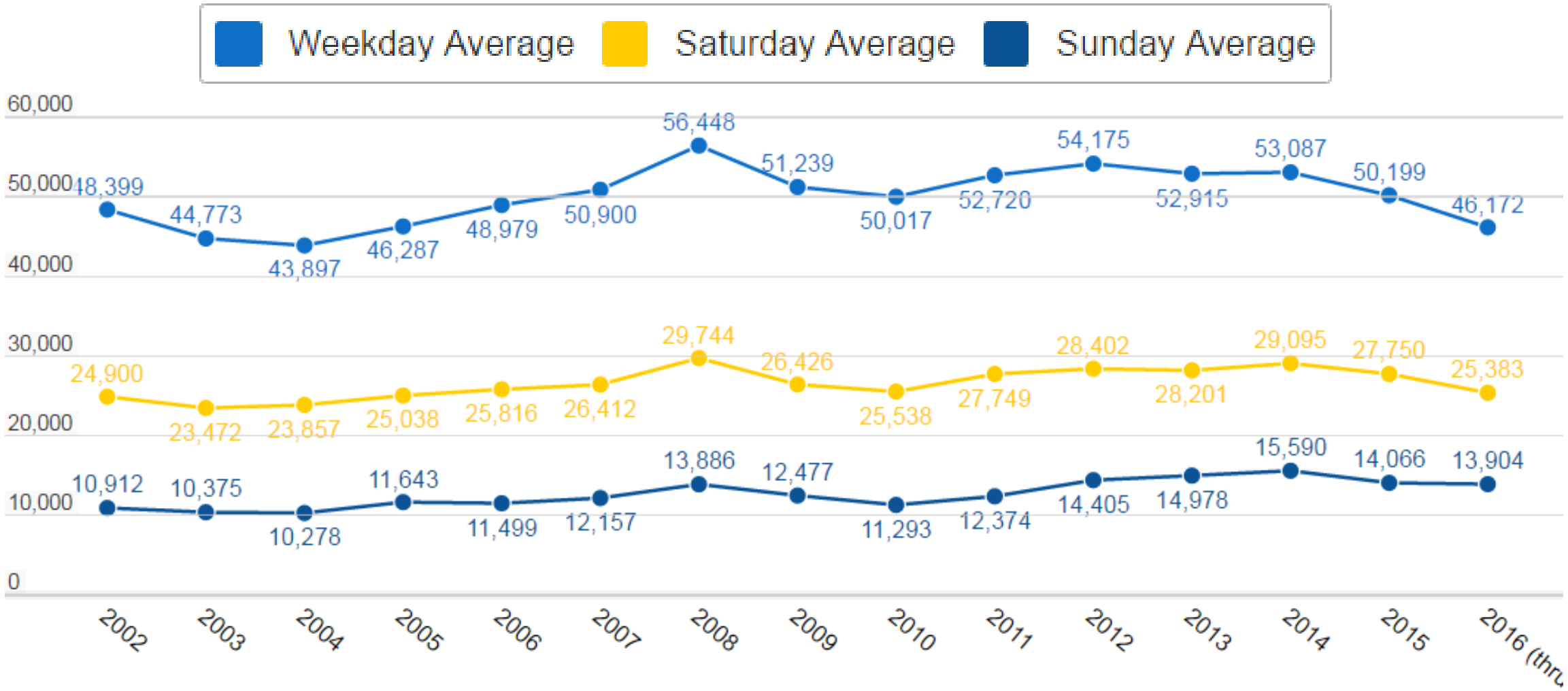
Average Weekday Riders June 2016		
# of Weekdays in Month	22	Change
ROUTES	Jun-16	Percent
12 Twelfth Street	1,040	
15 Truman Road	441	17%
24 Independence	2,846	11%
25 Troost	1,396	6%
26 MAX - Troost	4,929	8%
27 Twenty-seventh Street	975	8%
28 Blue Ridge	1,200	4%
30 Northeast	1,019	8%
31 Thirty-first Street	2,873	8%
32 Linwood Link	37	26%
35 35th Street	919	17%
38 Meadowbrook	274	
39 Thirty-ninth Street	2,688	10%
40 Crossroads/Plaza	82	
47 Broadway	1,617	7%
51 Ward Parkway	135	
54 Armour/Paseo	1,300	13%
57 Wornall	558	8%
58 MAX	4,326	8%
71 Prospect	4,897	11%

Average Weekday Riders June 2016		
# of Weekdays in Month	22	Change
ROUTES	Jun-16	Percent
101 Minnesota/State Av	1,821	
102 Central	90	
104 Argentine	356	8%
105 Rosedale	57	
106 Quindaro	932	14%
107 Seventh St/Parallel	637	
108 Indiana	1,183	23%
109 Ninth Street	498	
110 Woodland/Brooklyn	85	22%
121 Cleveland	522	14%
123 Twenty-third Street	165	
129 I-29 Express	751	8%
132 Gracemor	24	
133 Vivion/Antioch	278	
135 Winnwood/69 Hwy	21	
136 Boardwalk/Antioch	49	
142 North Oak	1,040	
152 Lees Summit Express	189	7%
155 Fifty-fifth Street	233	26%
163 Sixty-third Street	726	13%
170 Blue Springs	157	23%

Average Weekday Riders June 2016		
# of Weekdays in Month	22	Change
ROUTES	Jun-16	Percent
173 Casino Cruiser	755	11%
175 Seventy-fifth Street	634	10%
230 West Tiffany Springs	18	
231 East Tiffany Springs	33	
237 Gladstone Circulator	17	
239 Tiffany Springs Link	5	
243 Riverside/Antiocch Conn.	88	
244 NKC Circulator	68	
251 TMC Lakewood Conn	26	
252 Lee's Summit Circ.	31	
253 Raytown Circulator	36	28%
296 Bannister/Loma Vista	140	
298 SKC Wornall	71	11%
415 Truman Road Express	148	
428 Blue Ridge Express	245	16%
434 Shoal Creek/Liberty Express	70	
436 Gladstone Express	45	37%
437 North Broadway Express	124	264%
451 Ward Parkway Express	88	
471 71 Hwy Express	182	
TOTAL	46,193	8.54%

KCATA Ridership – Average Daily Ridership

8% decline in average weekday ridership from 2015 to 2016 (thru July)



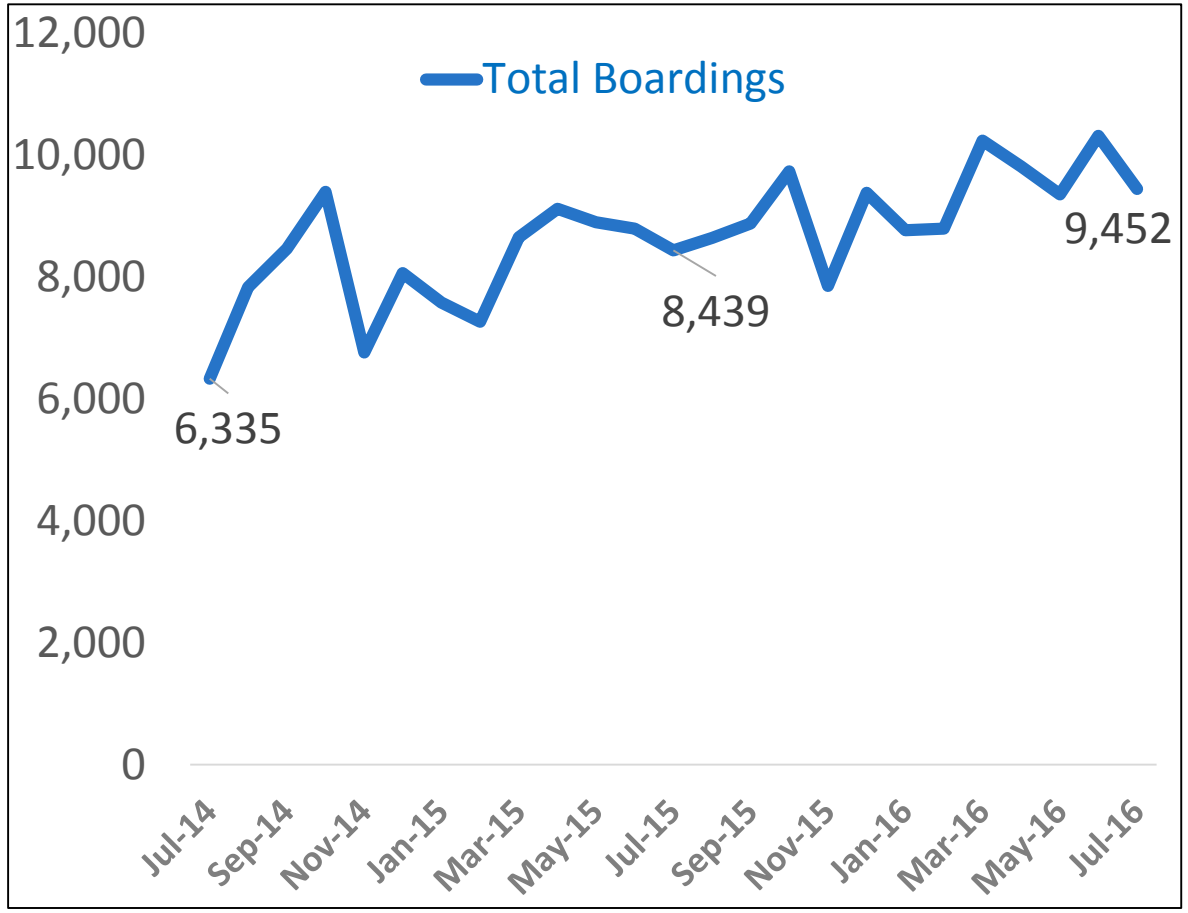
Source: KCATA (kcstat.kcmo.org)

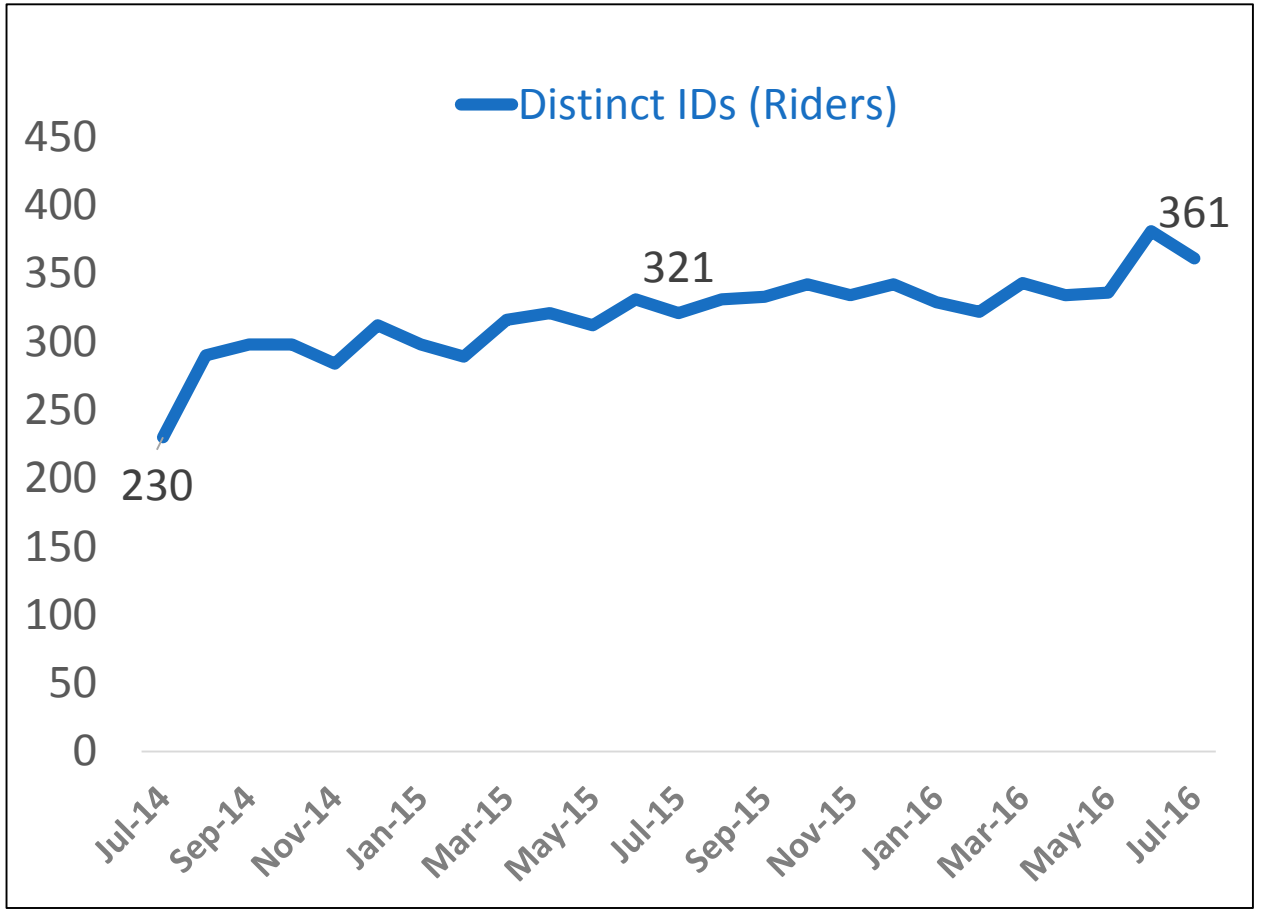
Benchmarking Declines in Bus Ridership

Peer City	Ridership Decline June 2015 to June 2016
Columbus	-12.7%
Milwaukee	-8.5%
Indianapolis	-7.7%
Cincinnati	-5.8%
Kansas City	**-8.8%**

City of KCMO Employee KCATA Ridership

12% increase in boardings from July 2015 to July 2016





Source: KCATA

Streetcar

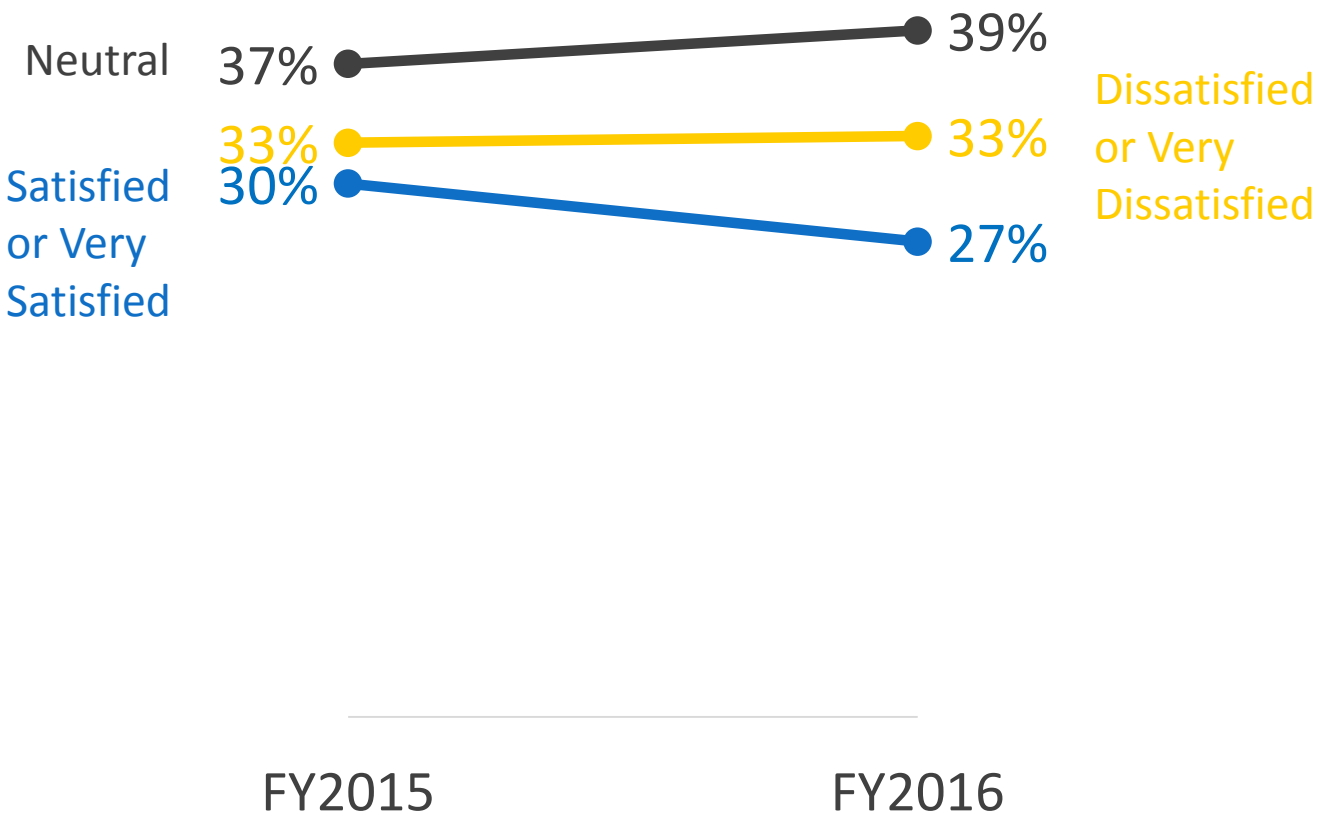
KCATA

Bike/Ped

Sidewalks

Citizen Satisfaction With On-Street Bike Infrastructure

On-Street Bike Infrastructure is ranked 6th in priority in the infrastructure section of the citizen survey



Council District	Percent Satisfied	Percent Dissatisfied
1st	30%	22%
2nd	36%	26%
3rd	27%	30%
4th	25%	42%
5th	26%	30%
6th	22%	41%
Citywide	33%	39%

Source: Citizen Survey, FY15 – FY16

Projects To Construction

Bike Box Video:
https://www.youtube.com/watch?v=grAE5-reRzA

Downtown Loop Bikeways:
Rebid October 2016

Armour Boulevard Bikeways Public Meeting

Upcoming

MainCor, 3215 Main St, Ste 200

20th Street Streetscape

- Under Construction

Program Update

Share the Road Safety Education Campaign	• "Glow Before You Go" • Launch October 2016
Bike KC Bikeway Design Toolkit	• Final draft document complete • To Council Committees October 2016
Bikeway Map	• Updated online map by end of year
Bike Friendly Community Survey	• Open for community members to take through September 2015 • https://www.surveymonkey.com/r/KansasCityMO-BFC

Road Diet/Bikeway Projects

- Gregory Boulevard
- Barry Road

Waldo Crosswalk

New crosswalk installed at 75th and Wornall

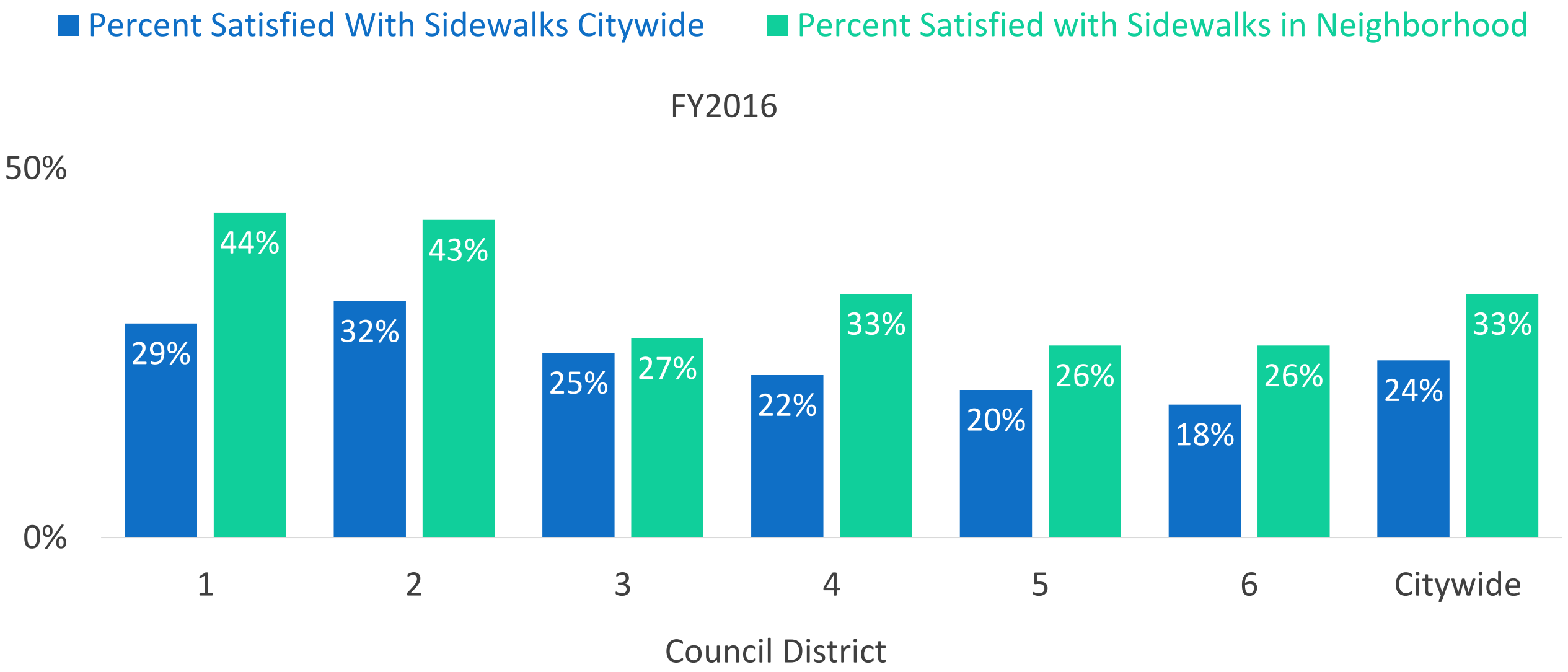
Streetcar

KCATA

Active Transportation

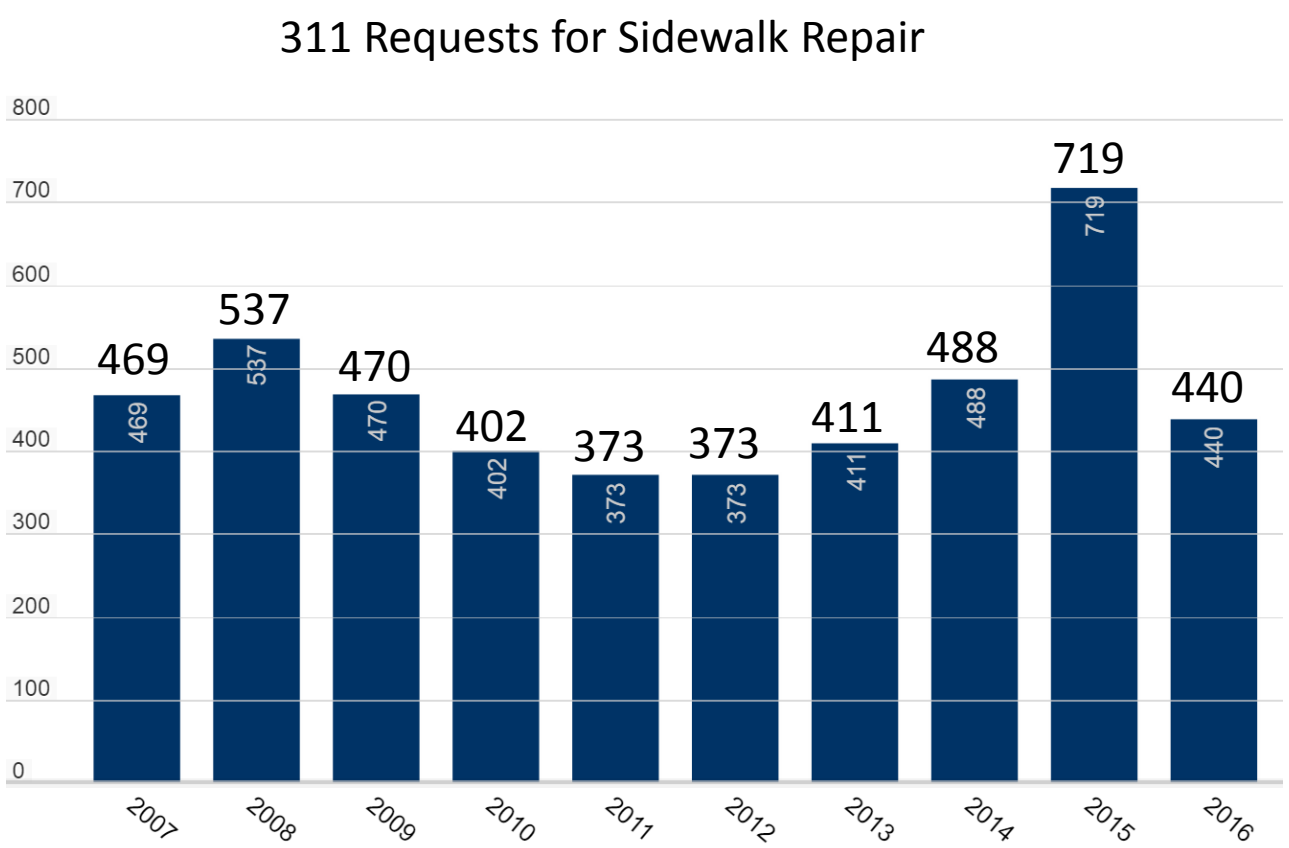
Sidewalks

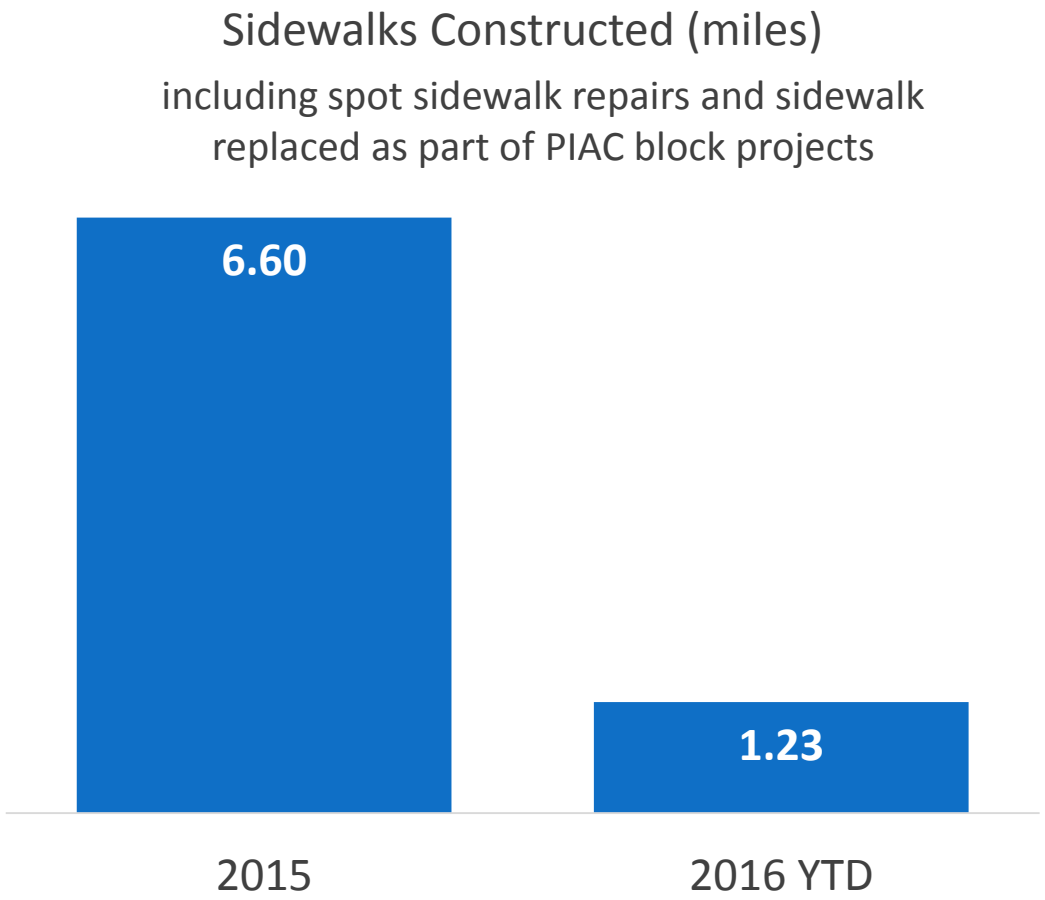
Citizen Satisfaction with Sidewalks By Council District



Source: Citizen Survey 2005 to FY2016 YTD

Sidewalk Repair: Supply and Demand





City Code 64-243 holds property owners responsible for the curbs, sidewalks and drive approaches abutting their property. Methods by which repair can occur: 1. Property owners may obtain a permit and make the repairs themselves or hire a contractor; 2. Citywide Repair Projects; 3. PIAC Process; 4. Petition projects (previously available in Council District 4 and 6)

Source: Peoplesoft CRM (311 Service Requests); Public Works, https://data.kcmo.org/311/Sidewalk-Requests-by-Year/yigk-iqqt

KCStat

kcstat.kcmo.org
September 6, 2016
#KCStat

Transportation & Infrastructure