

URBANA POLICE DEPARTMENT: 2017 TRAFFIC STOP UPDATE

URBANA POLICE DEPARTMENT | CRIME ANALYSIS

PRESENTERS:

Melissa Haynes

Crime Analyst, Urbana Police Department

Sylvia Morgan

Chief, Urbana Police Department



Completed Recommendations

- 1.1 ✓ Traffic stop category (motivation for stop)
- 1.2 ✓ Ongoing police implicit bias training
- 1.3 ✓ Traffic stop training
- 2.1 ✓ Hire crime analyst
- 2.2 ✓ [Open data portal](#) for traffic stops
- 2.3 ✓ City Council review traffic stop data bi-annually
- 2.4 ✓ Analysis of arrests from traffic stops
- 3.1 ✓ Examine disparity in outcomes from traffic stops
- 4.1 ✓ Cops Corner educational [video](#) (13:40 – 18:00)
- 4.2 ✓ Walk as One
- 4.4 ✓ Encourage participation in ride-alongs and Citizen Police Academy



Other Progress

- Reduced Urbana City Code fines for possession of cannabis and paraphernalia
- Extended the length of time available to pay minimum fines in Section 1-18 of City Code, from 14 days to 60 days
- Random supervisory review of traffic stop videos
- Community Outreach Specialist



Q2 Follow-up

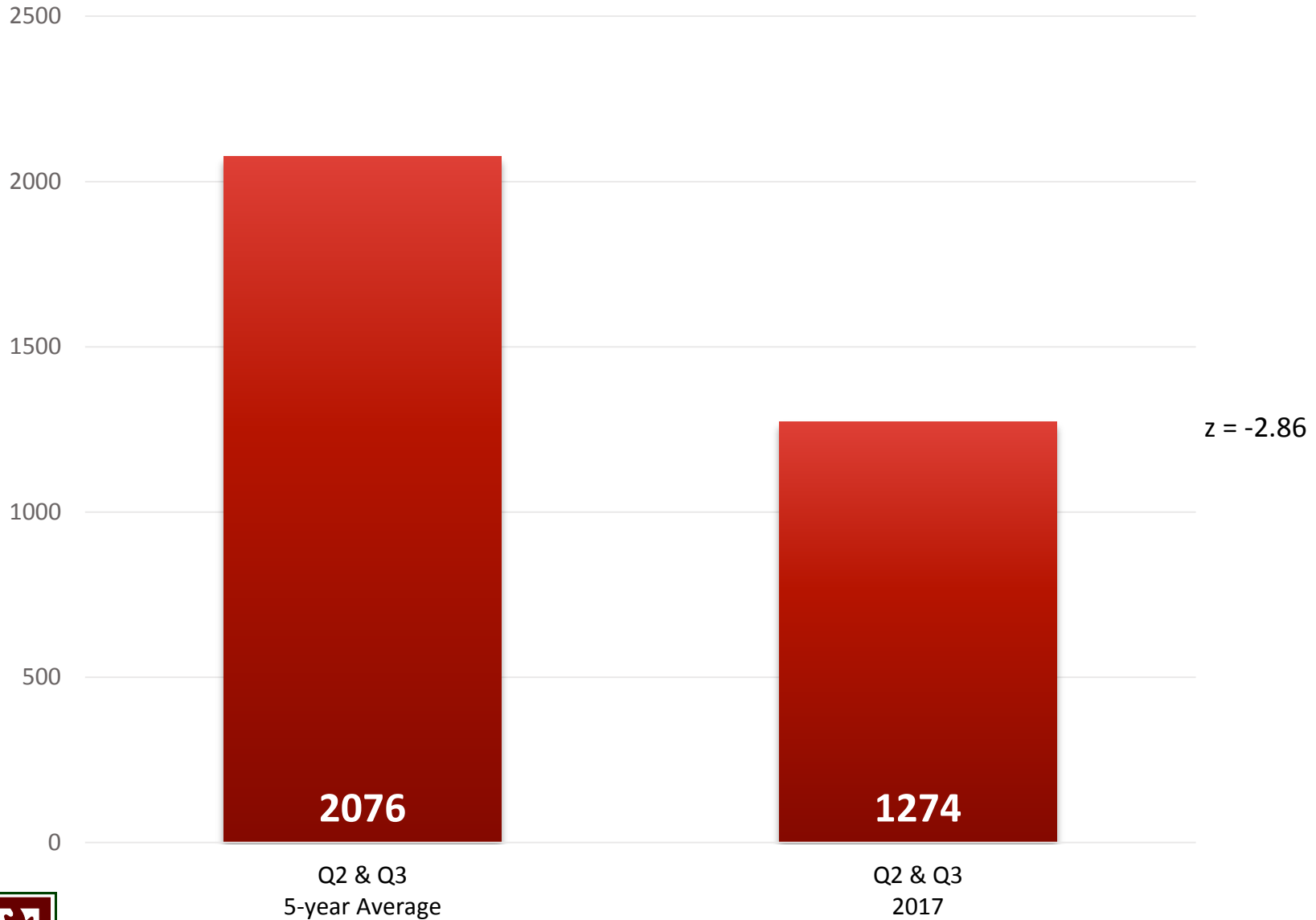
- UPD follow-up meetings with many council members
- Mayor's Office & HRO conducted three meetings with local pastors in community
- New traffic stops video filming to kick-off soon with HRO & UPD



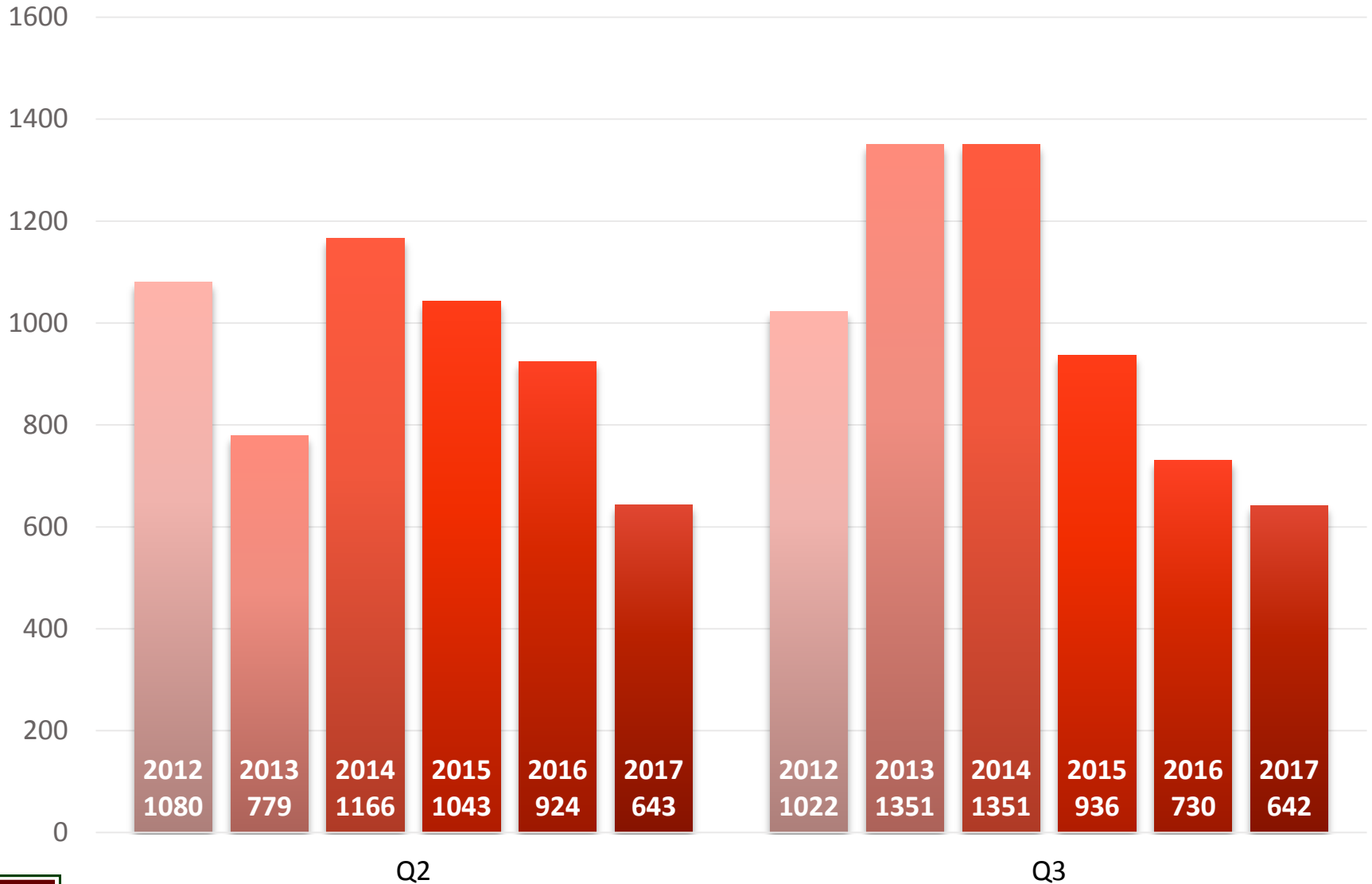
- **Quarterly dashboard**
 - Number of stops
 - Reason and motivation
 - Disparity ratio
 - Outcomes
- **Maps**
- **Next Steps**



Number of Traffic Stops



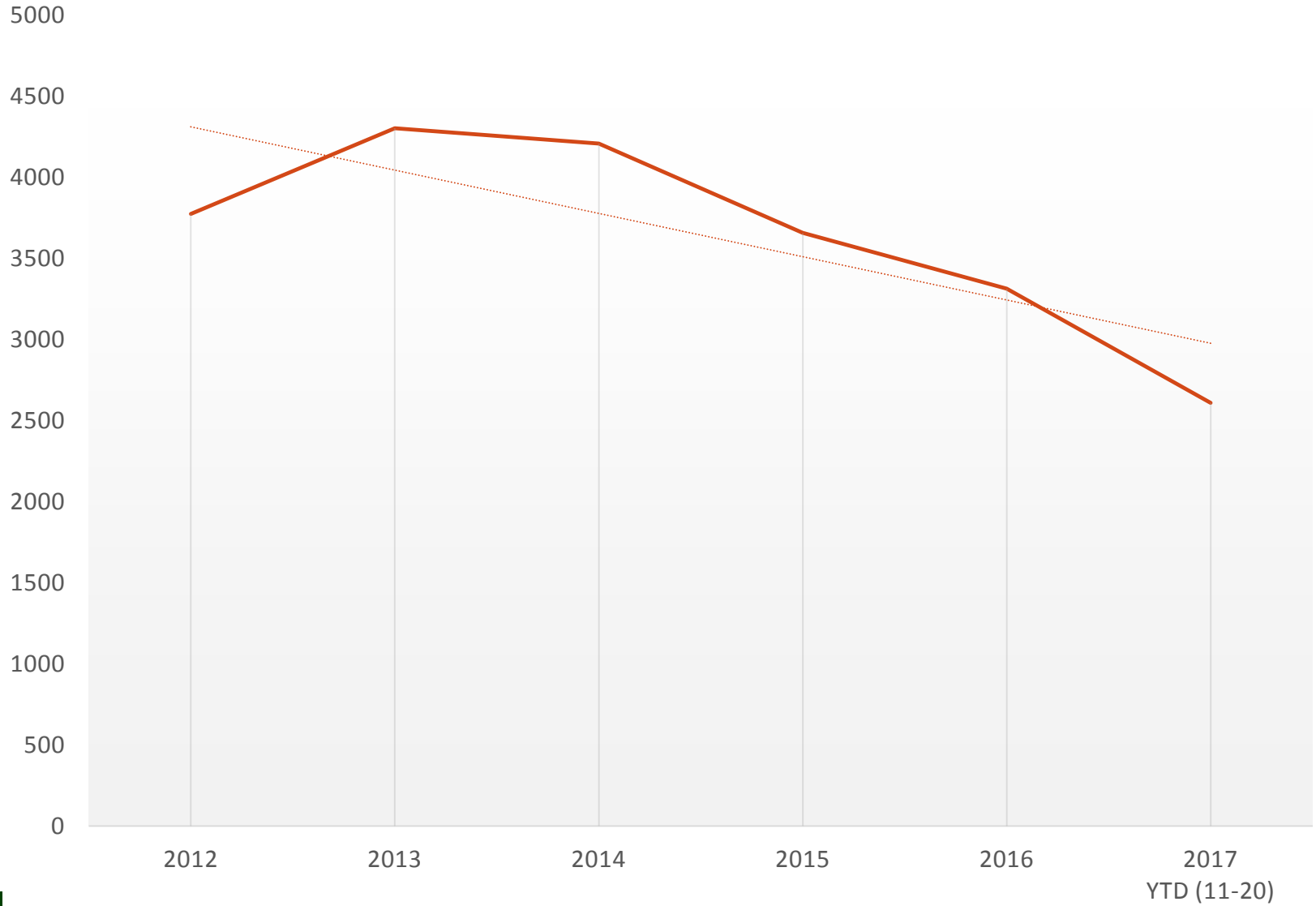
Number of Traffic Stops



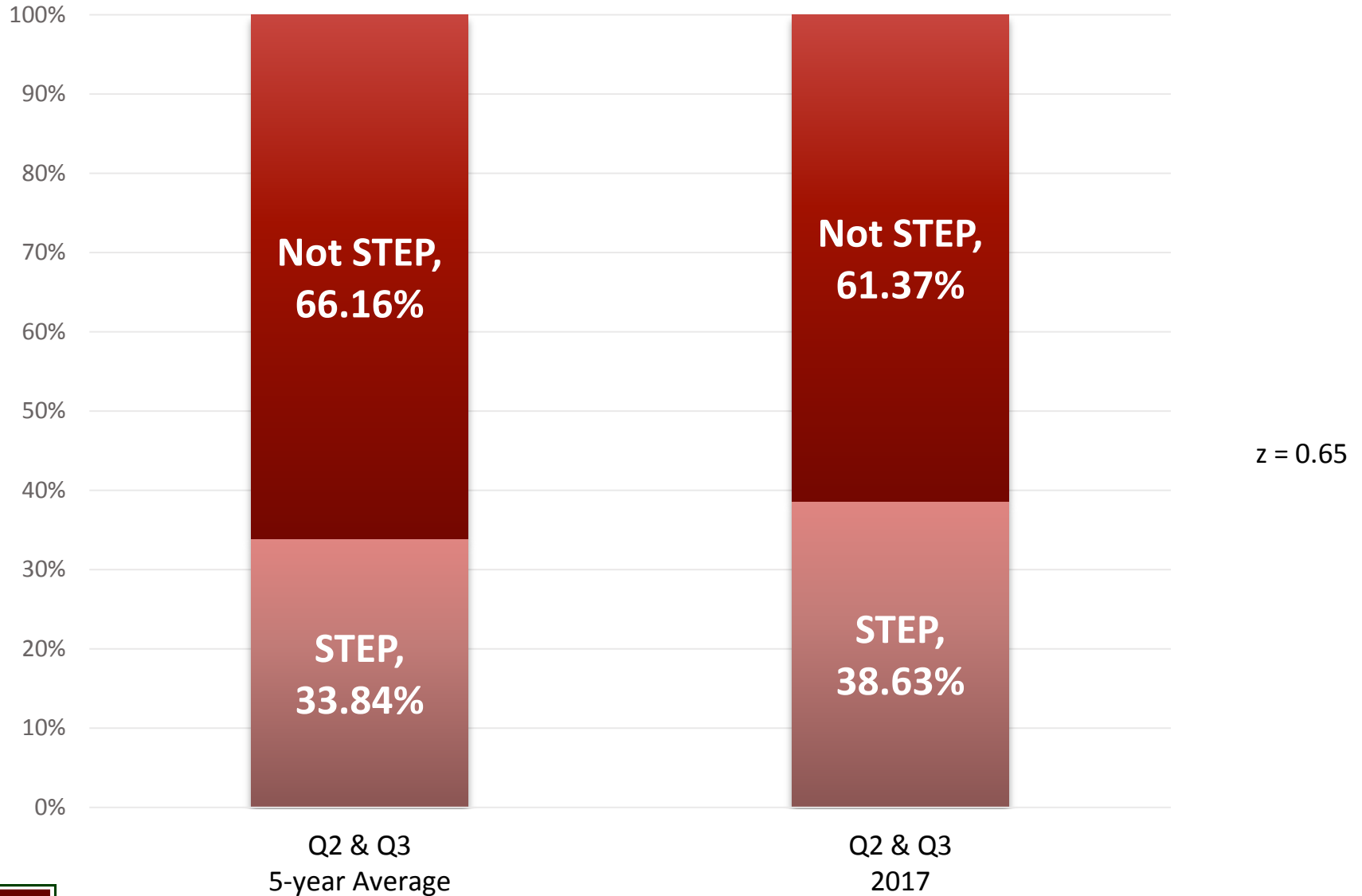
NUMBER OF TRAFFIC STOPS



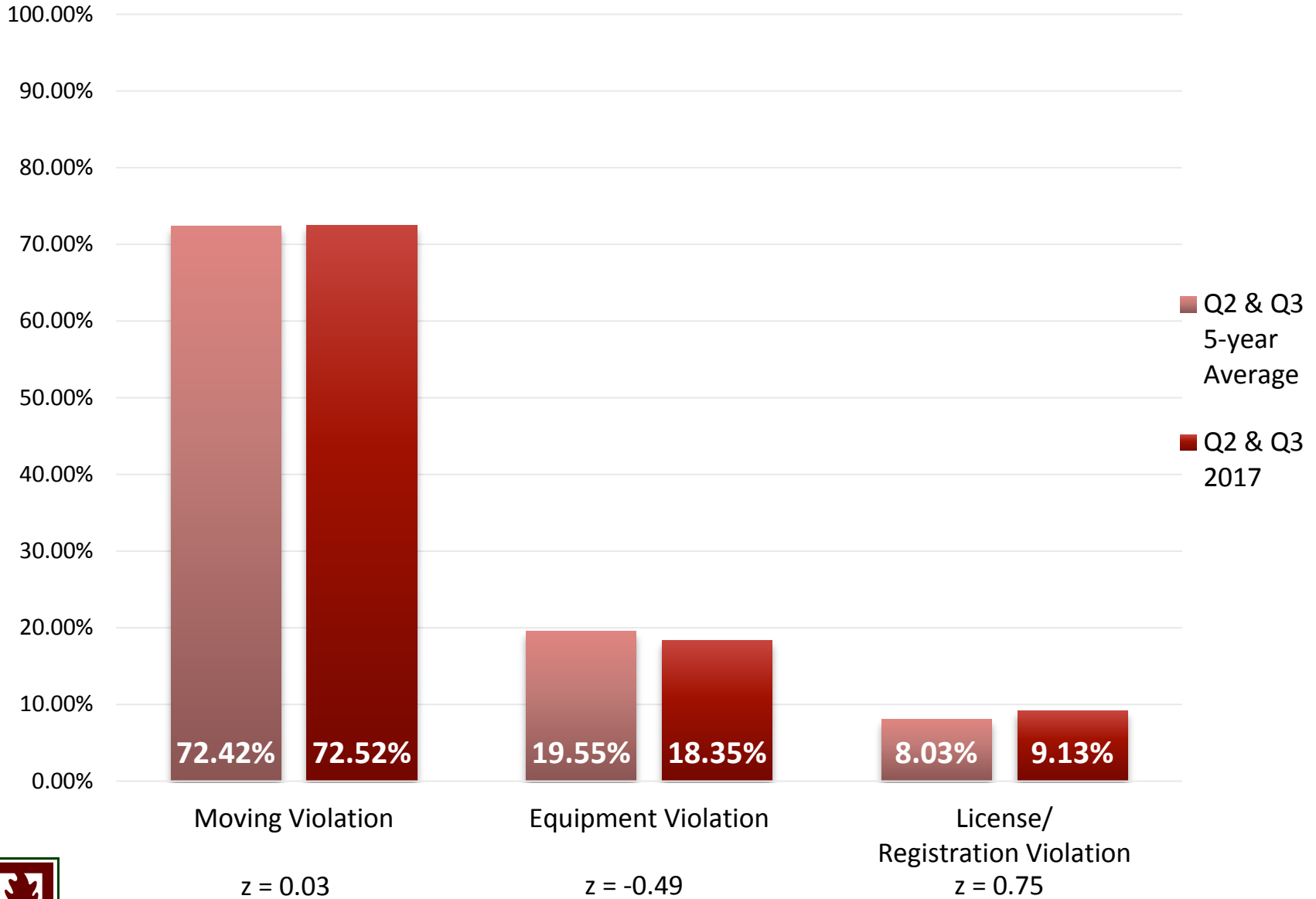
Number of Traffic Stops



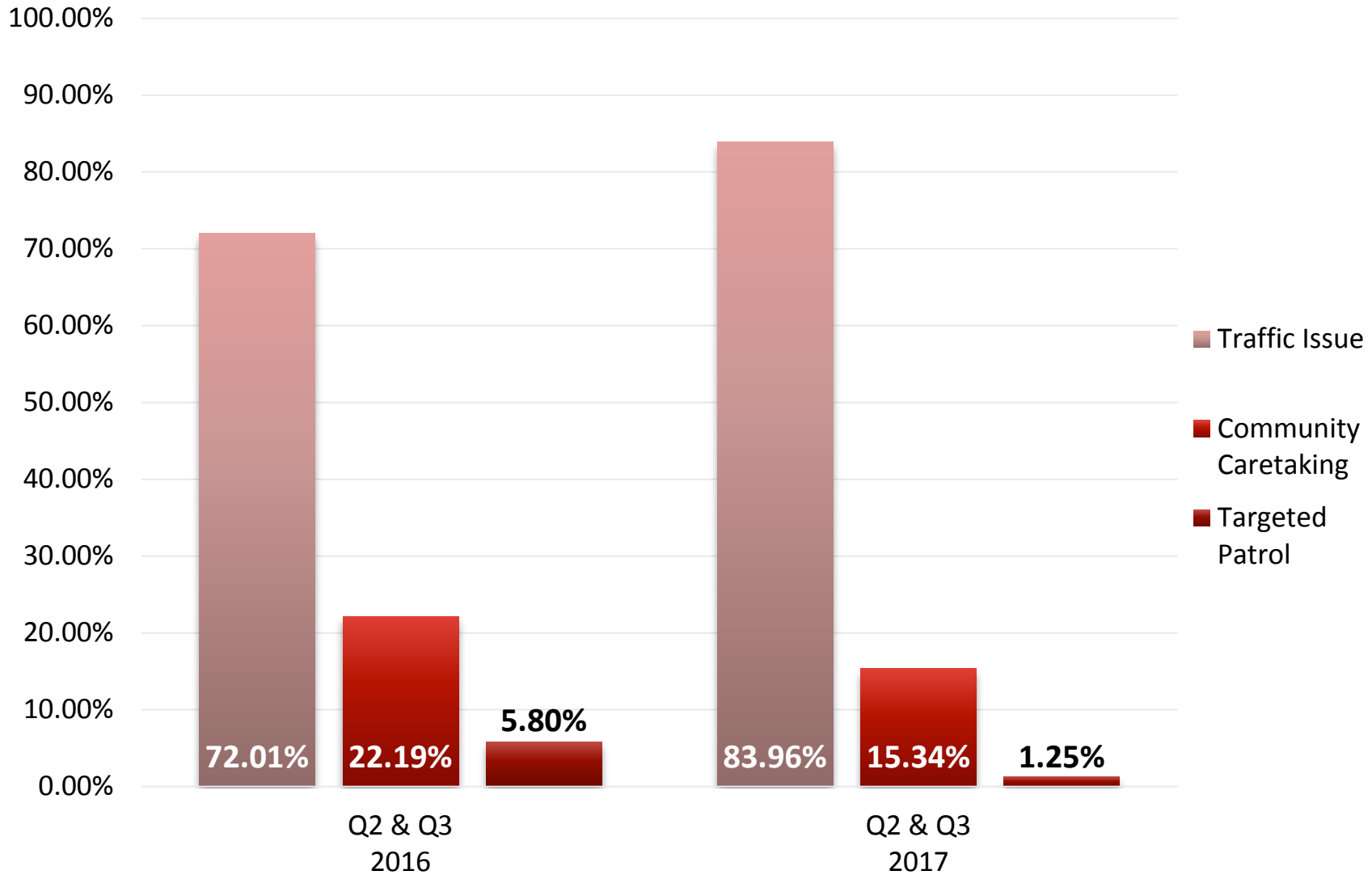
STEP Traffic Stops



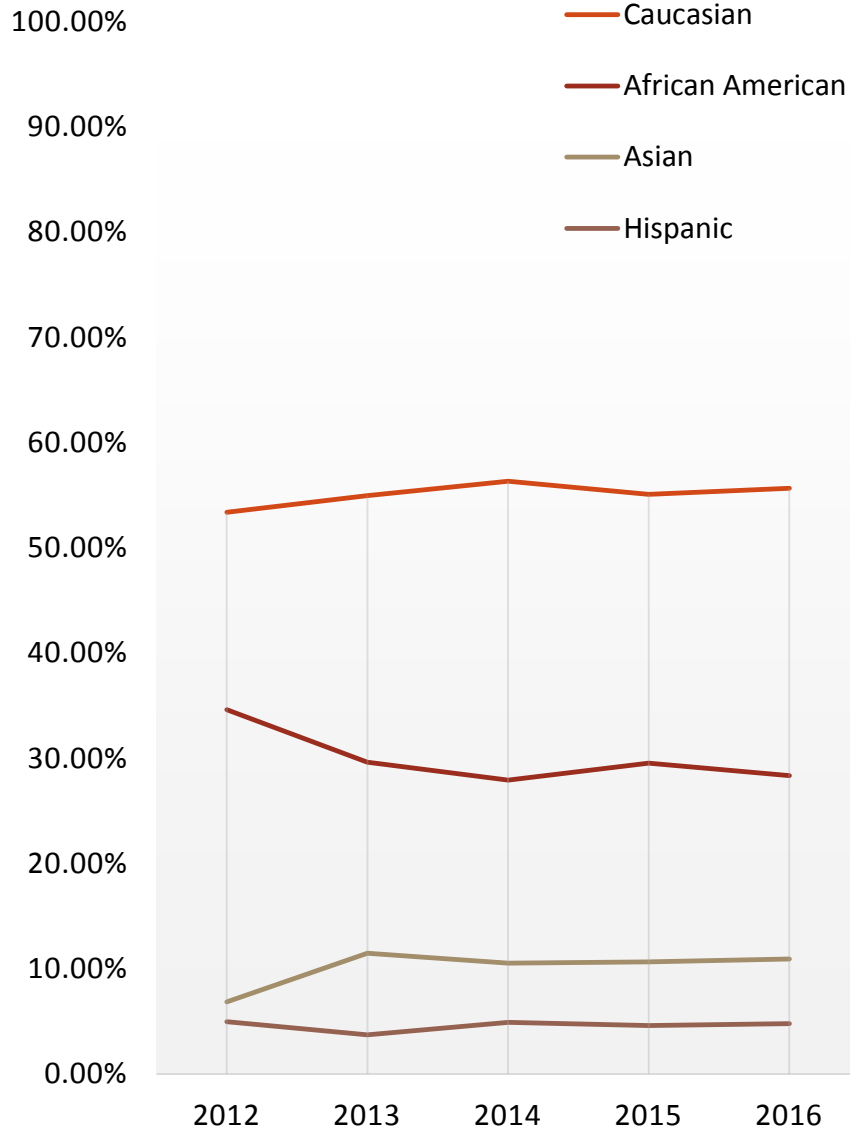
Reason for Stop



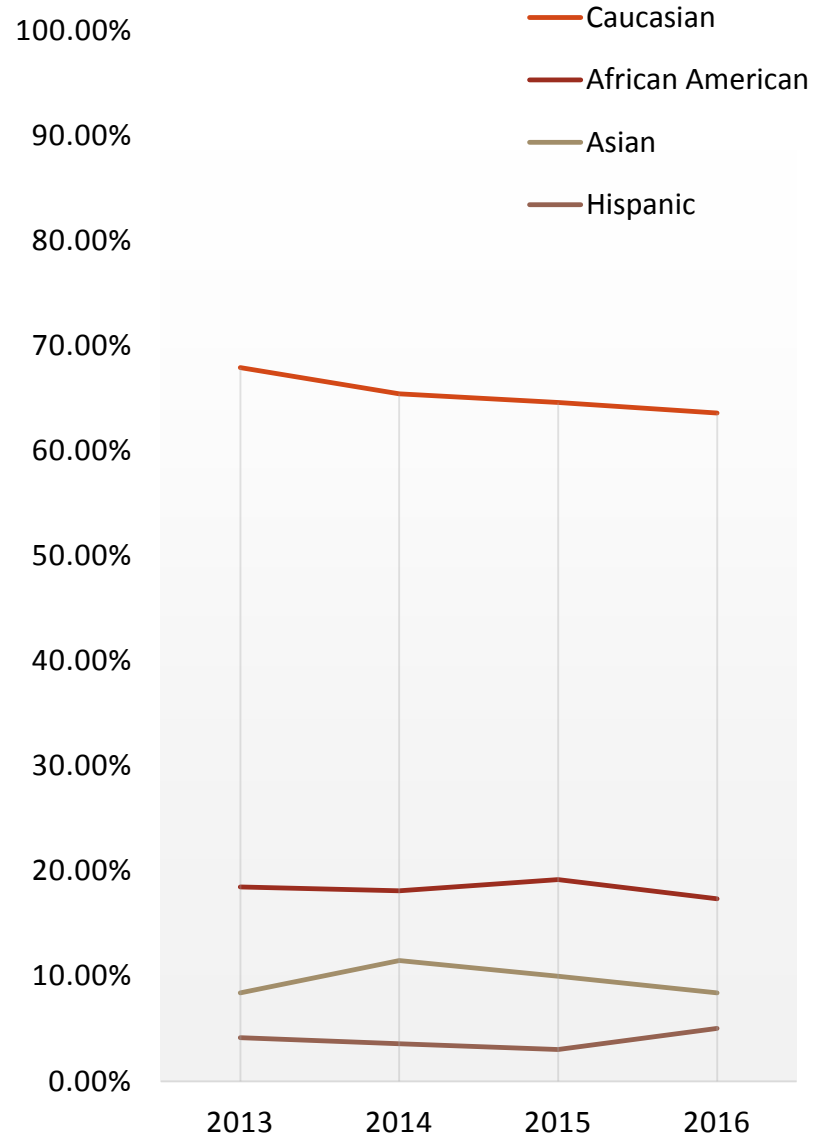
Motivation for Stop



Traffic Stops by Race

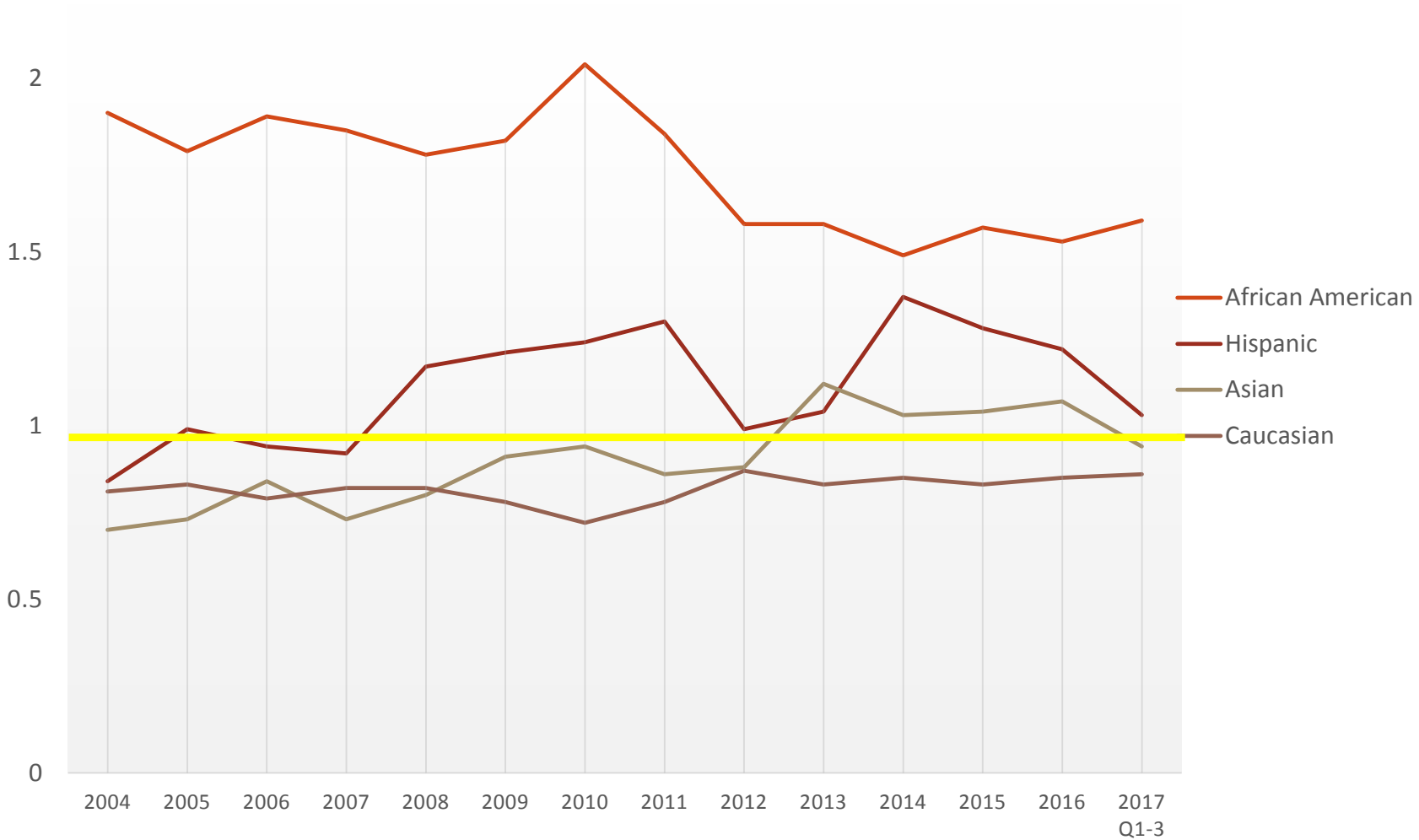


Accidents by Race

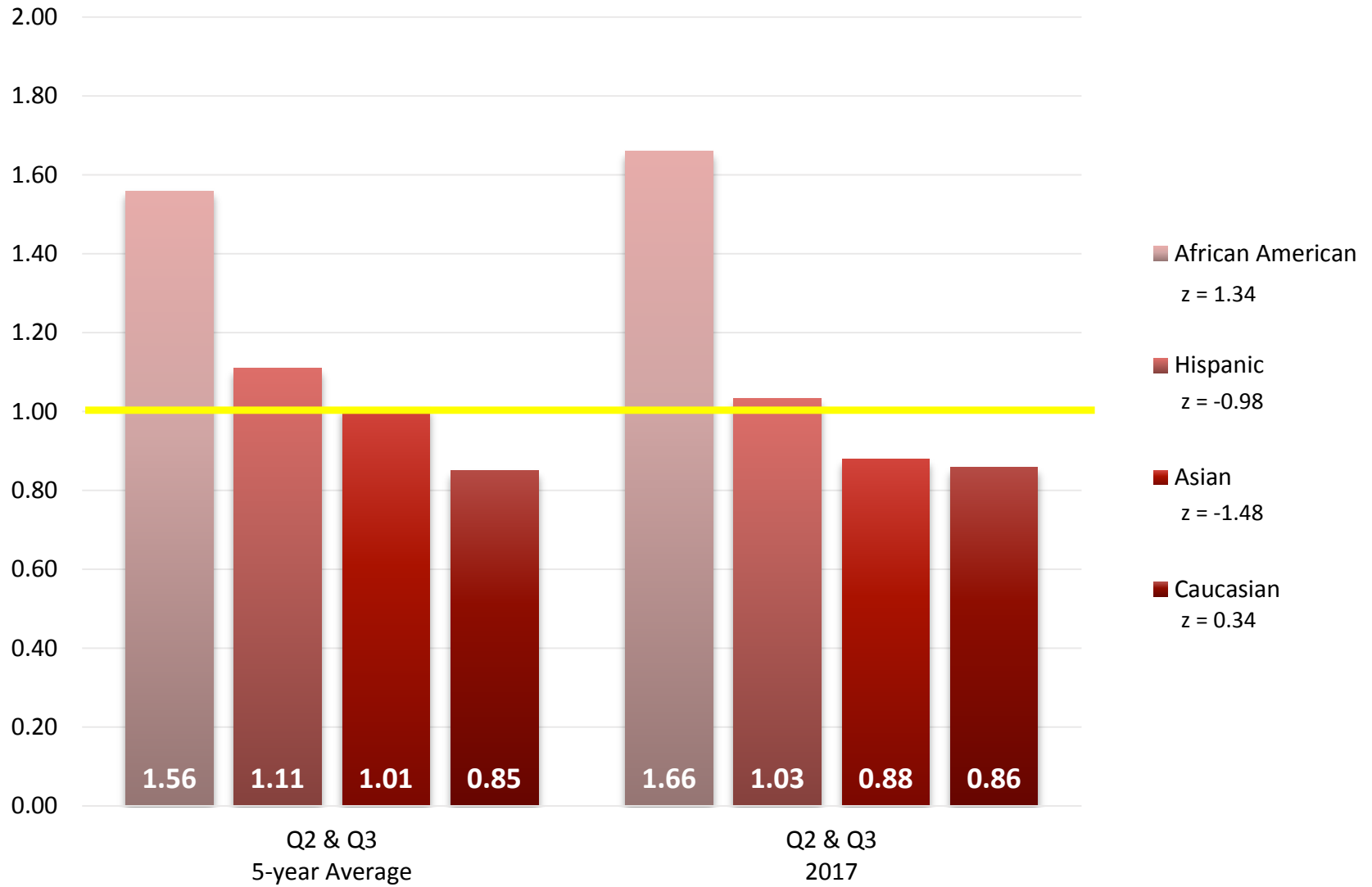


Disparity Ratios Update YTD

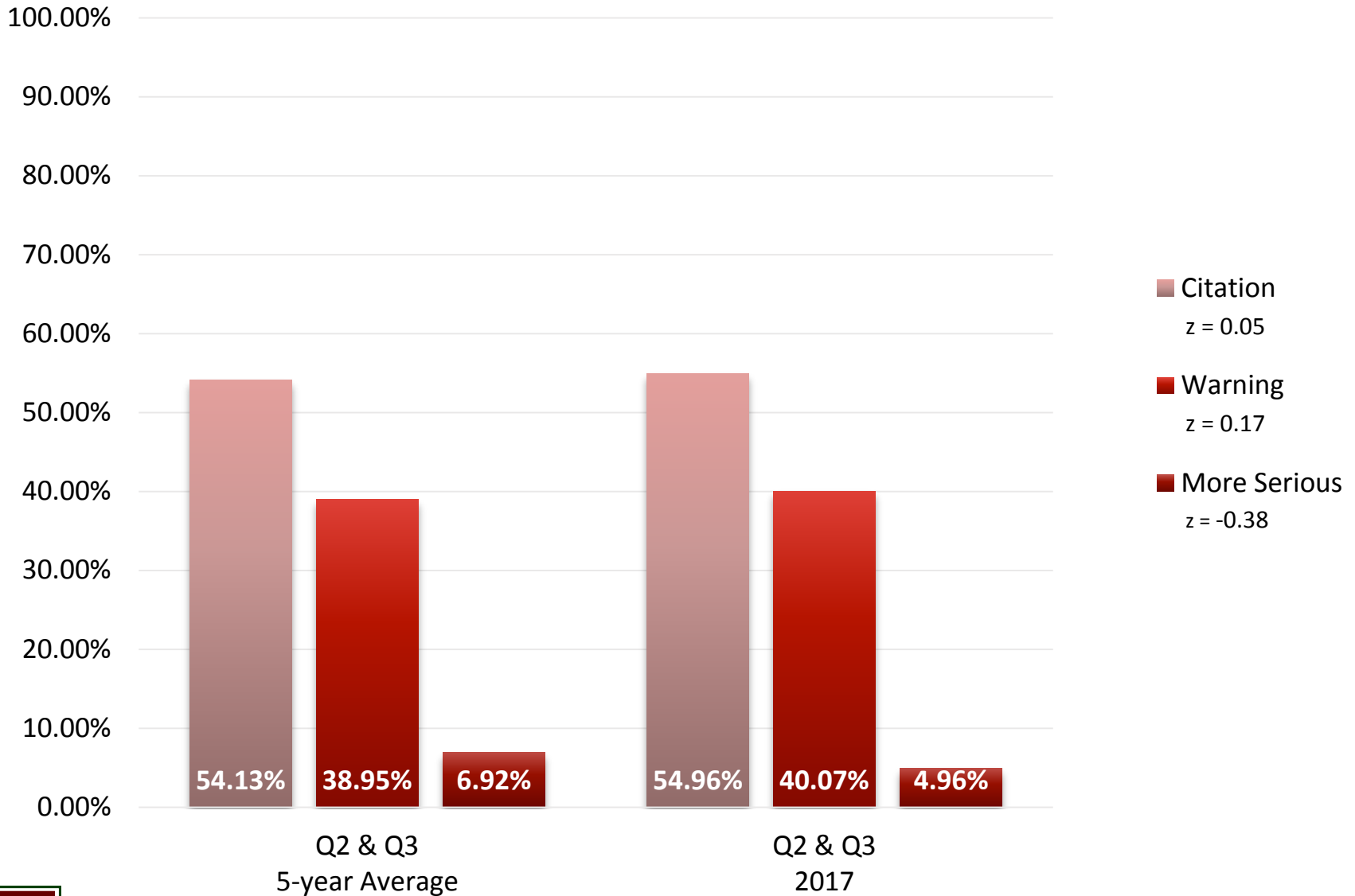
2.5



Disparity Ratio



Outcomes of Stops



Disparity Ratio of Outcomes

Q2 & Q3 2017	Citation	Warning	More Serious	All Stops
Asian	53.02% (114)	46.05% (99)	0.93% (2)	(215)
African American	54.44% (362)	37.14% (247)	8.42% (56)	(665)
Hispanic	63.74% (58)	31.87% (29)	4.40% (4)	(91)
Caucasian	56.28% (717)	40.27% (513)	3.45% (44)	(1274)

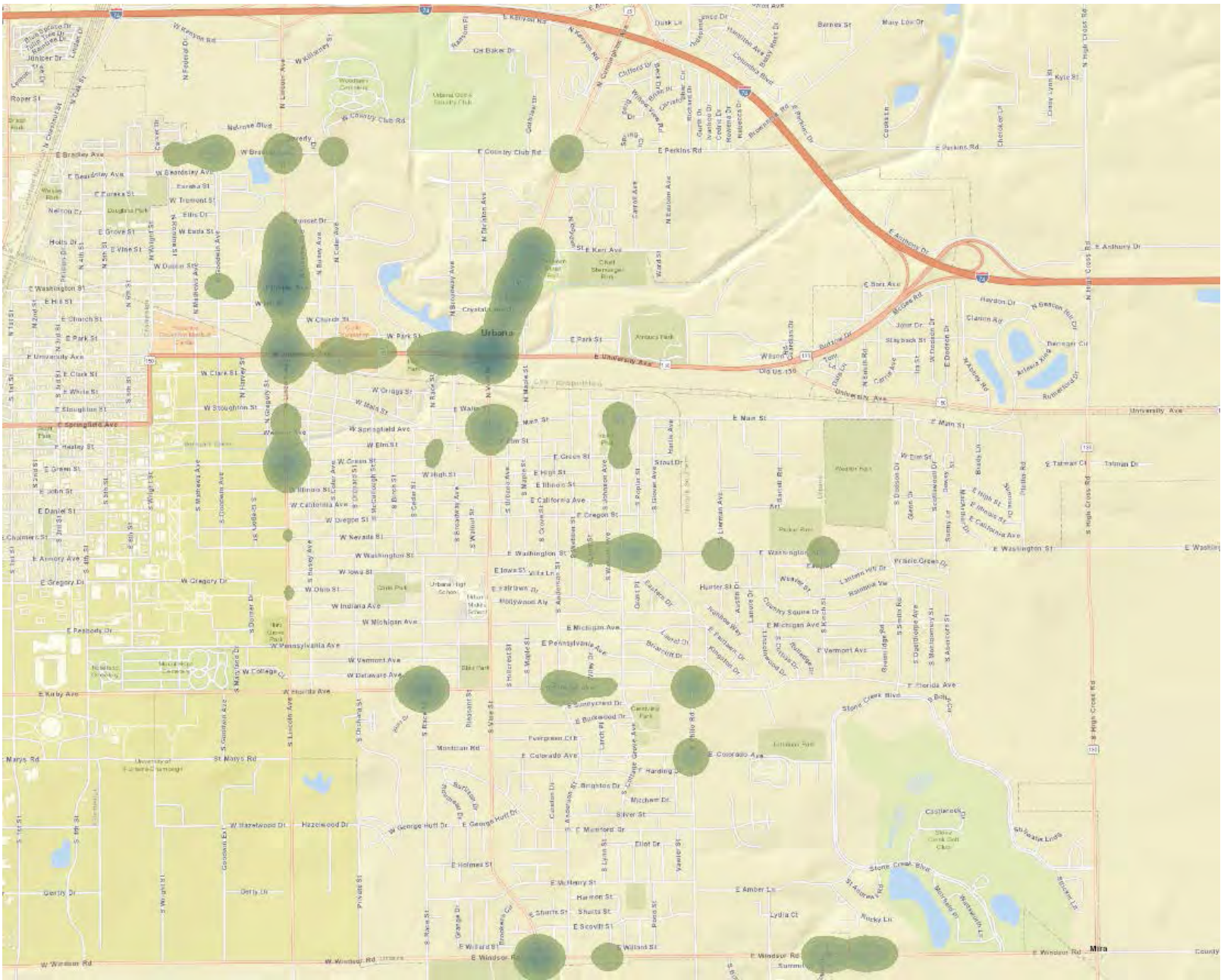
	Citation			Warning Only			More Serious		
	Average 2012-2016	Q2 & Q3 2017	z-score	Average 2012-2016	Q2 & Q3 2017	z-score	Average 2012-2016	Q2 & Q3 2017	z-score
Asian	1.03	0.95	-0.88	1.09	1.16	-0.25	0.26		
African American	0.90	0.98	1.25	0.97	0.94	-1.04	1.94	1.79	-0.66
Hispanic	1.12	1.14	0.12	0.70			1.68		
Caucasian	1.04	1.01	-3.06	1.02	1.02	1.98	0.58	0.73	-0.21

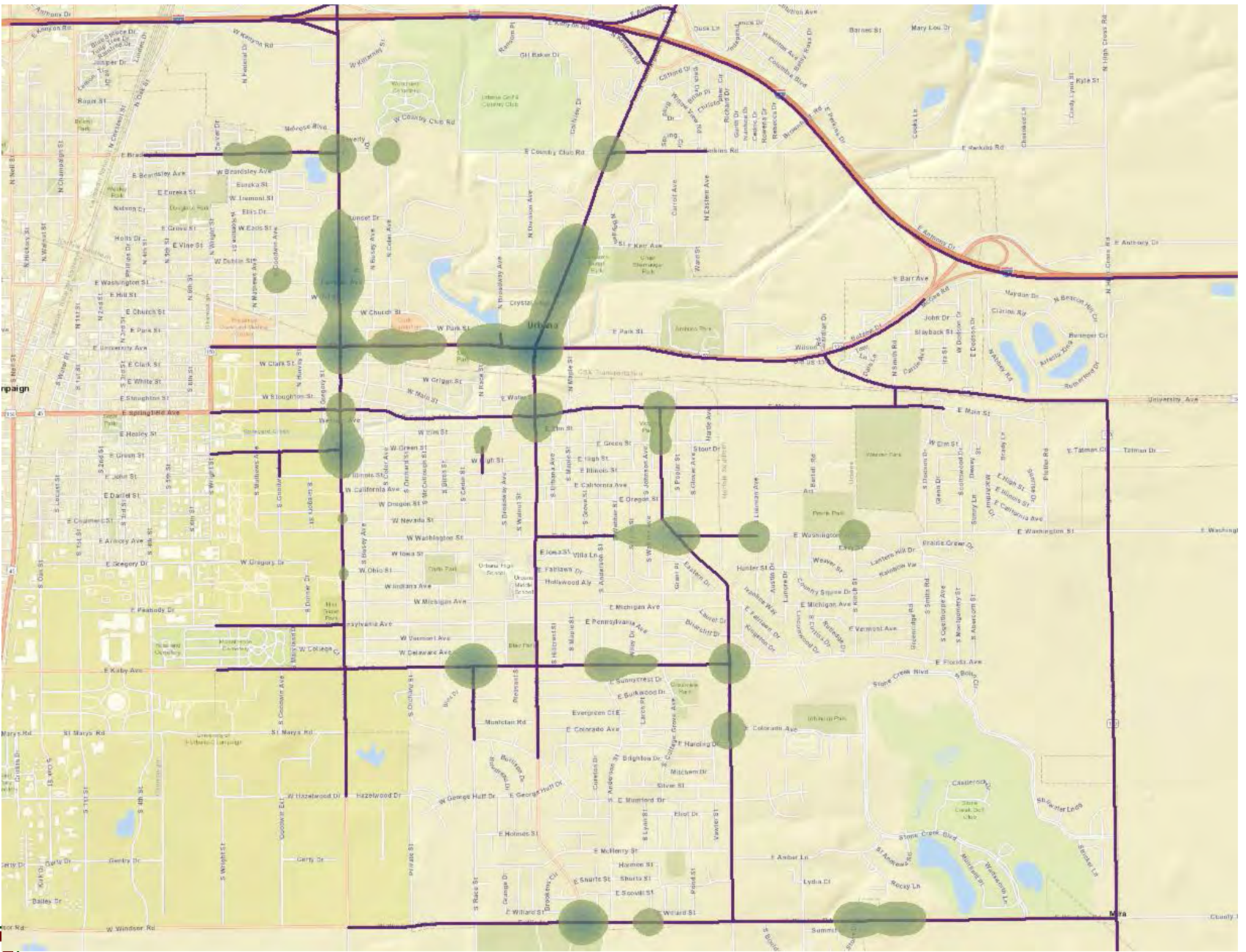


Disparity Ratio, Q4 2015 – Q3 2017

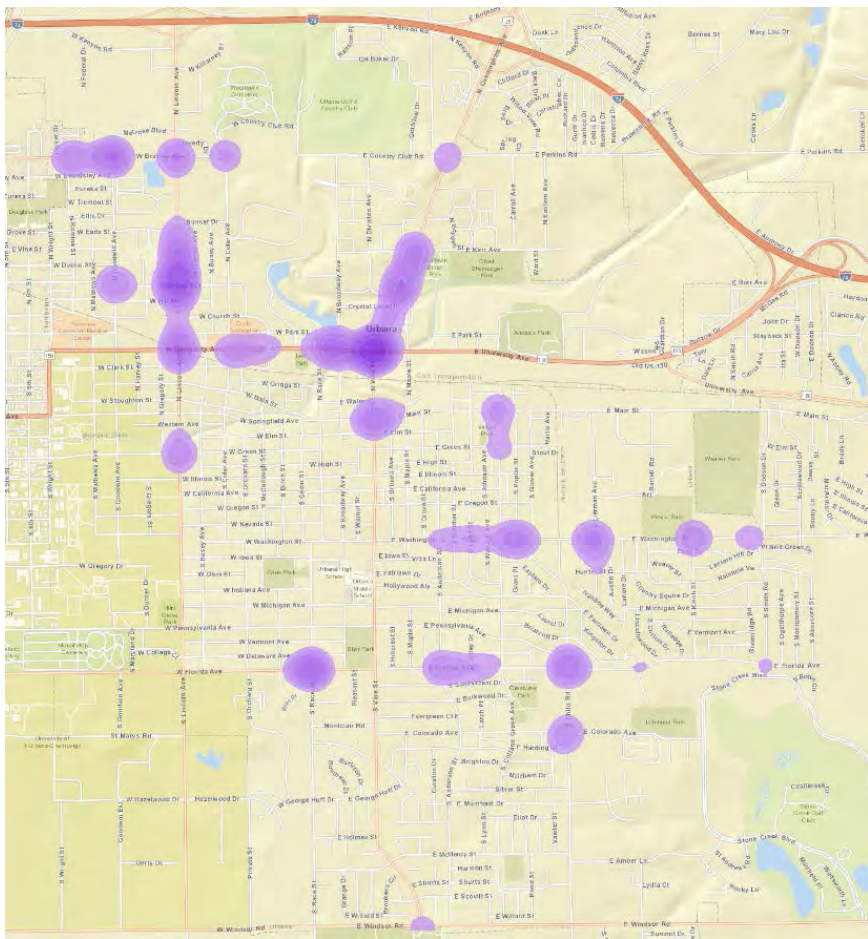
Race	All	STEP	Non-STEP
African American	1.54	1.44	1.61
Asian	1.05	0.71	1.25
Caucasian	0.85	0.93	0.80
Hispanic	1.15	1.14	1.15
<i>Number of Stops</i>	6468	2432	4036



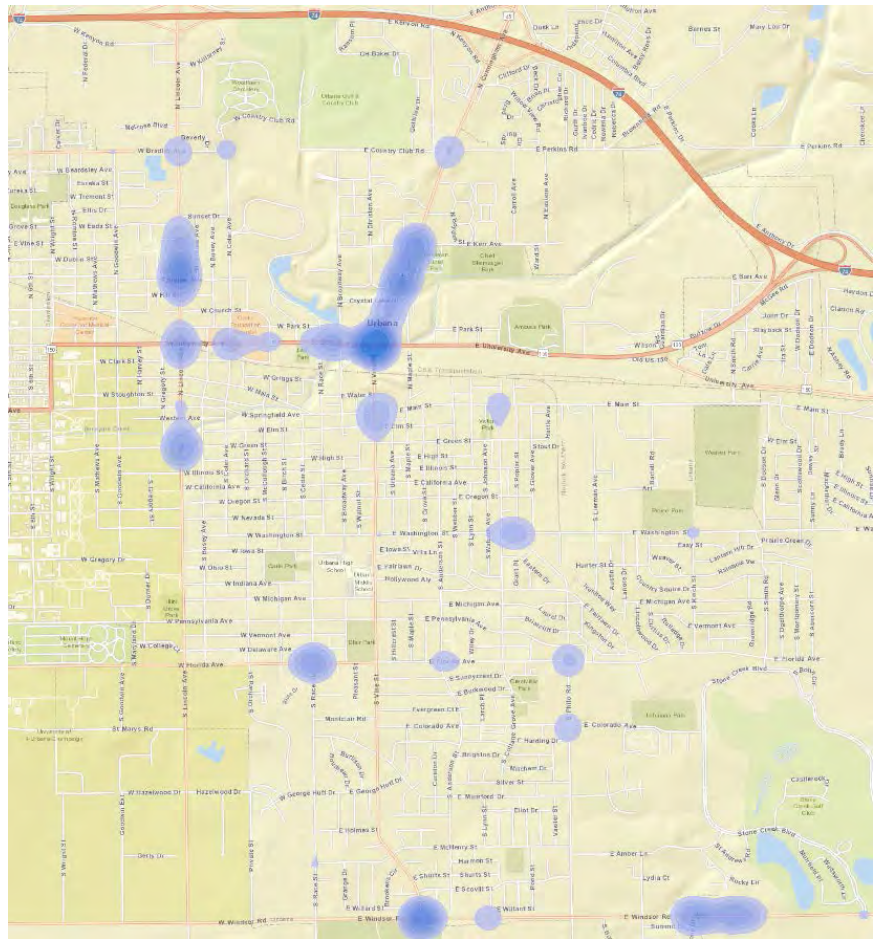




African American Drivers

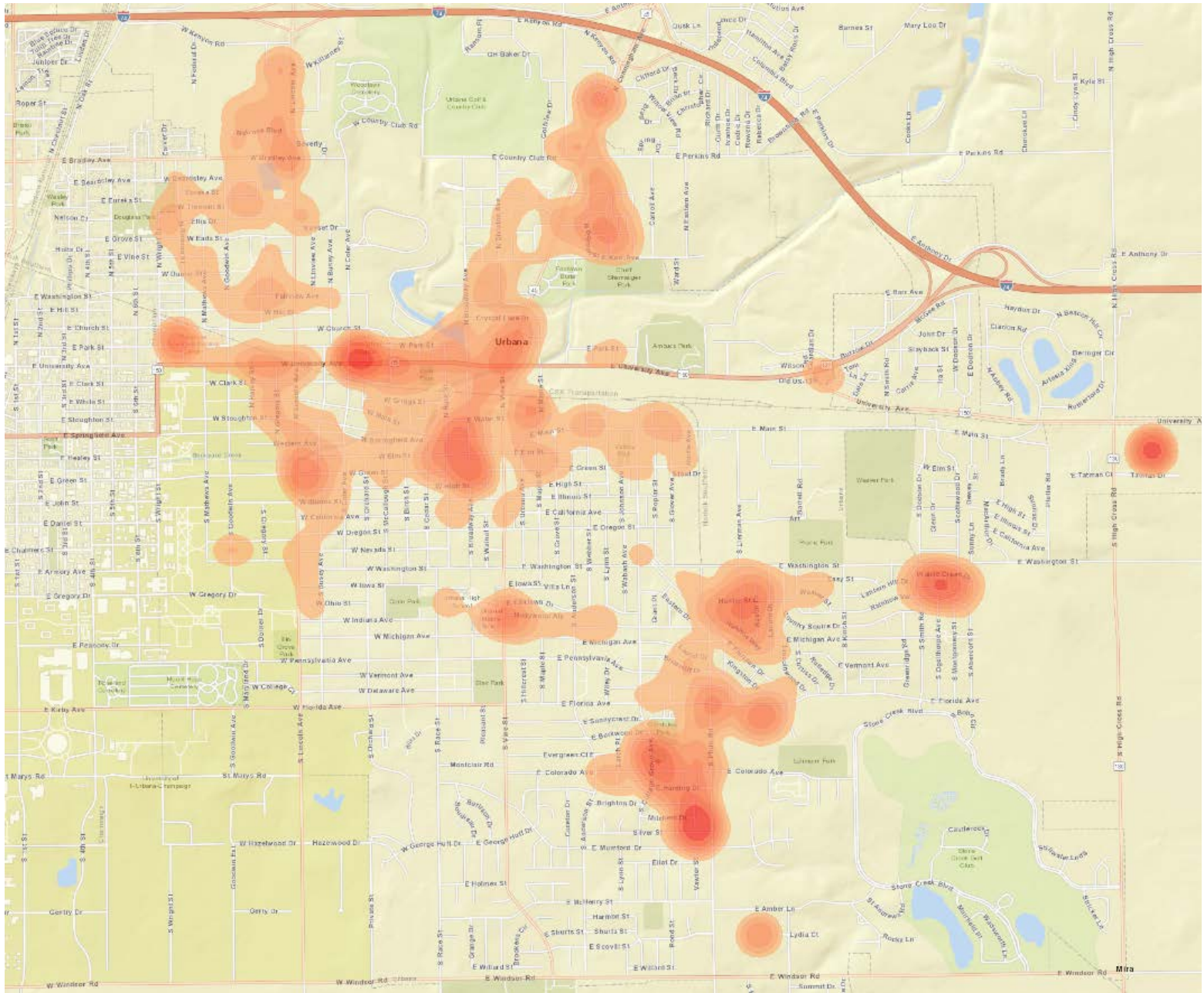


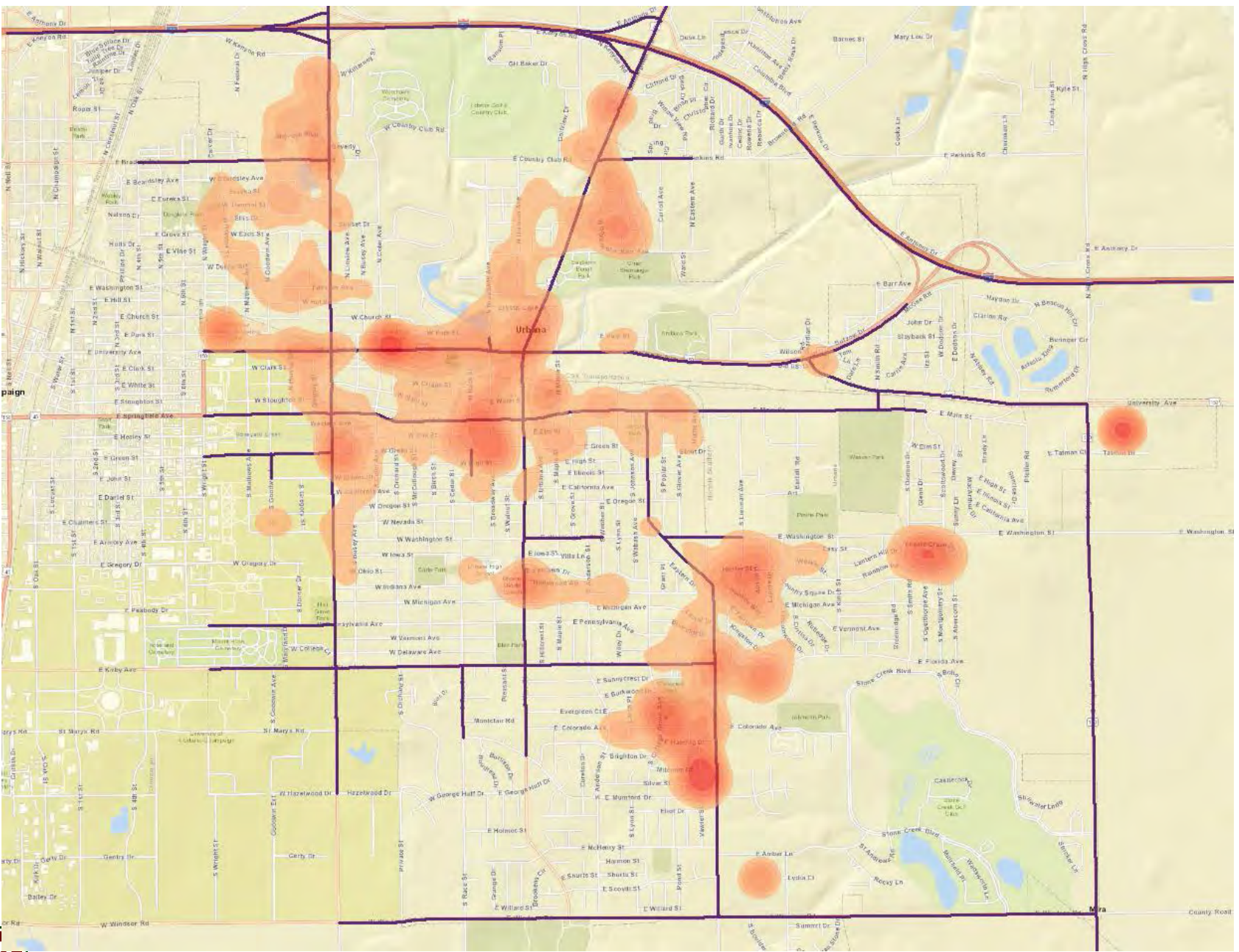
Caucasian Drivers

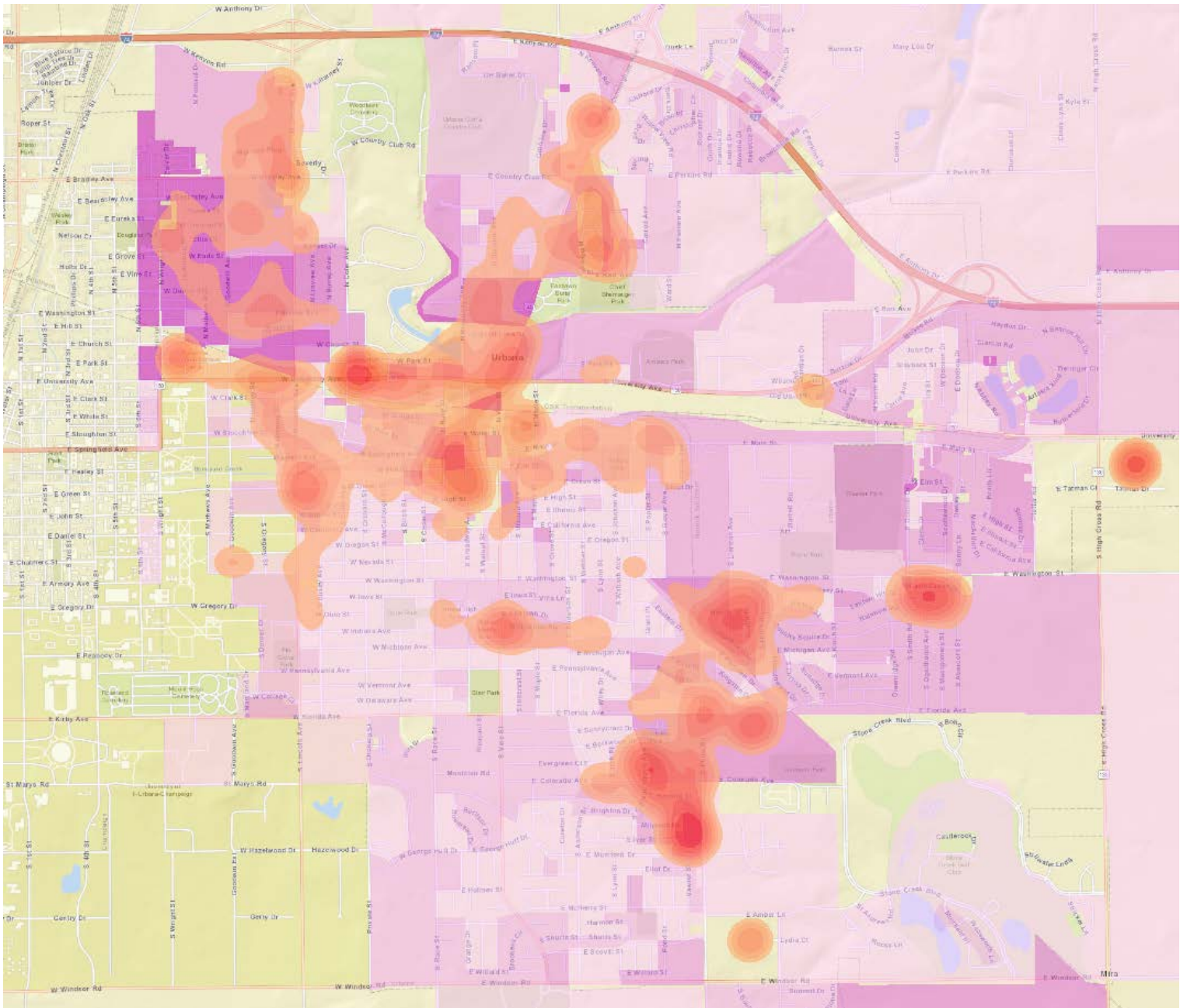


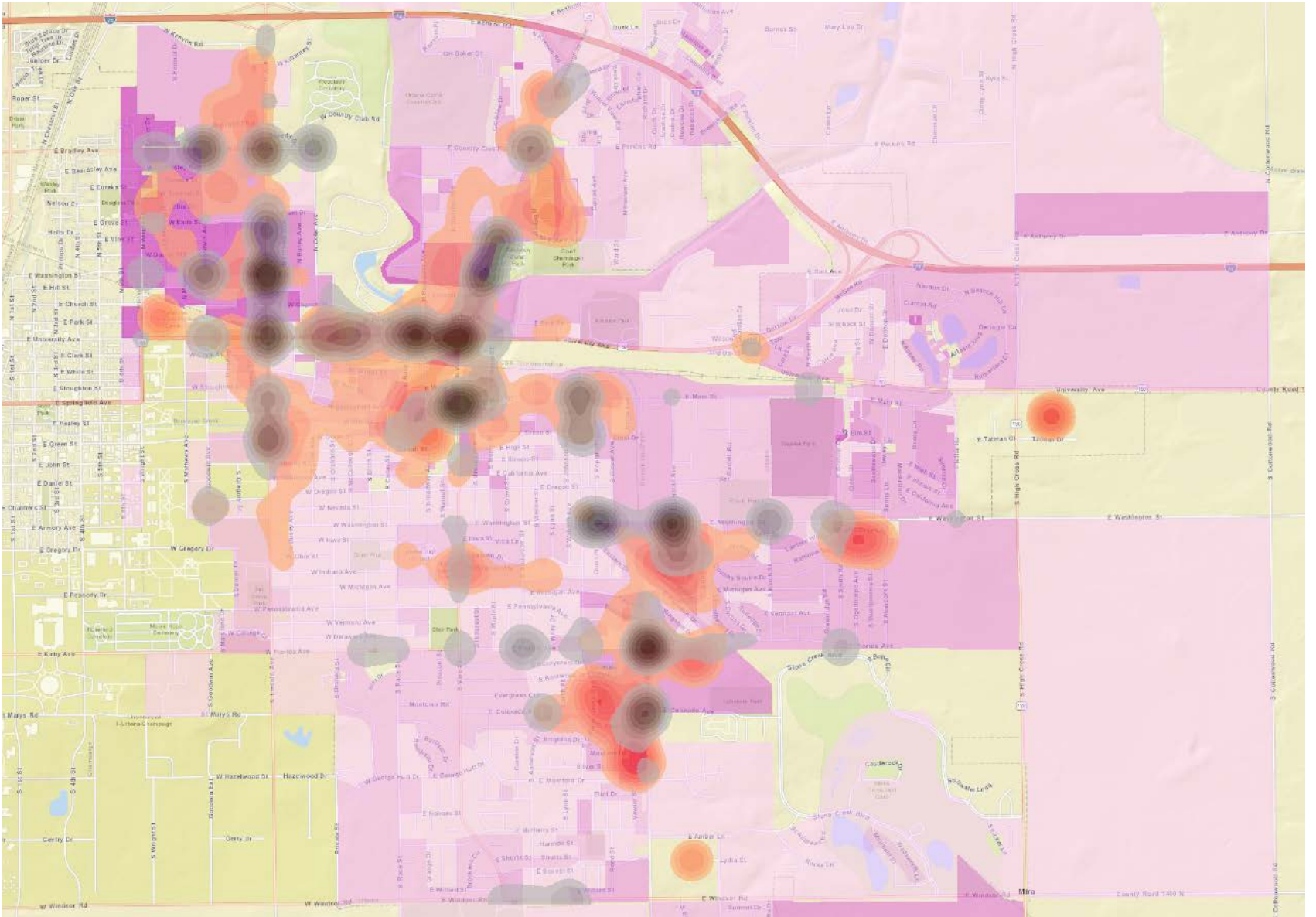
DENSITY BY RACE, Q4 2015 – Q3 2017











Q2 & Q3 2017

- Significantly fewer traffic stops
- No change in motivation for stop, reason for stop, percentage of STEP traffic stops
- Increase in African American disparity ratio, decrease in Asian disparity ratio
 - Driven by Q2 disparity
 - Higher for non-STEP stops
- Fluctuations in disparity ratio for citation and warning outcomes, but remain close to 1.00
- Spatially, traffic stops of African American drivers concentrated in areas with high citizen-initiated calls for service and high African American Census population



Follow-up discussion: December 4

Data quality improvements: January 1

- “Beyond Scope” checkbox to be digitized
- Additional data entry for differentiation of search types

Mayor’s Office & HRO

- Continuing discussions with local pastors and community members

HRO & UPD

- Traffic stop video filming to be scheduled

UPD & UIUC

- National Institute of Justice grant to include citizen surveys and interviews of key stakeholders and community members in hot spots



URBANA POLICE DEPARTMENT: 2017 TRAFFIC STOP UPDATE

URBANA POLICE DEPARTMENT | CRIME ANALYSIS

EMAIL QUESTIONS MAY BE DIRECTED TO:

Melissa Haynes, Crime Analyst at crimeanalysis@urbanainlinios.us

