

# Streetcar Update

## Review of October 2017

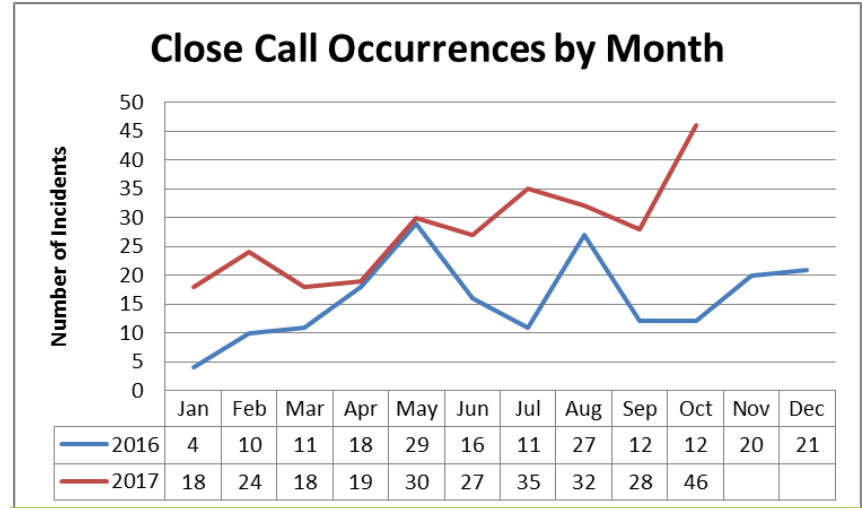


**Cincinnati Bell® connector**

# Safety Metrics: Near Miss

## Near Miss Incident Breakdown

- 81% initiated by other vehicle:
  - Most interactions due to maneuvers in front of or around Streetcar
  - 17% Pedestrian Interactions (Jay walking)
- Incidents most likely to occur: Walnut at 5<sup>th</sup>, Main at 5<sup>th</sup>
- Most likely to occur weekdays between 1100 and 1500 and between 1600 and 1700

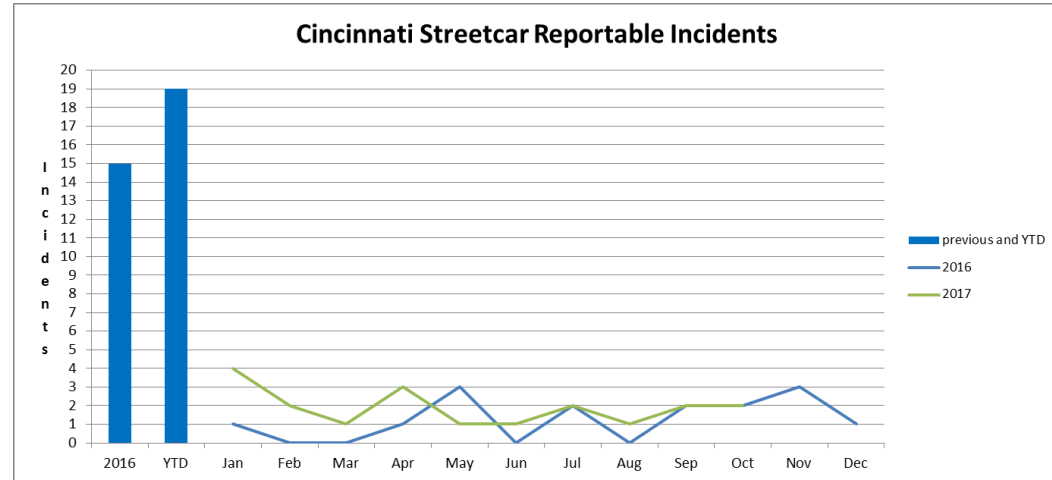


Close calls at Walnut/5<sup>th</sup> trending down

Close calls at Main/5<sup>th</sup> trending up

# Safety Metrics: Reportable Incidents

- Incident Types (YTD)
  - 69% Collision
  - 26% Evacuations
  - 5% Medical-related
- 19 Reportable Incidents YTD for 2017



# Safety Activities

- Completed Triennial Audit with ODOT – Report to follow (30-45 days)
- Participated with ODOT in presentation to FTA/SSO Workshop for Part 674 certification
- SSRC Meetings
- Continued CAP closure process

# Security

- Evaluation of Henry Street traffic ongoing
  - Random patrols deployed

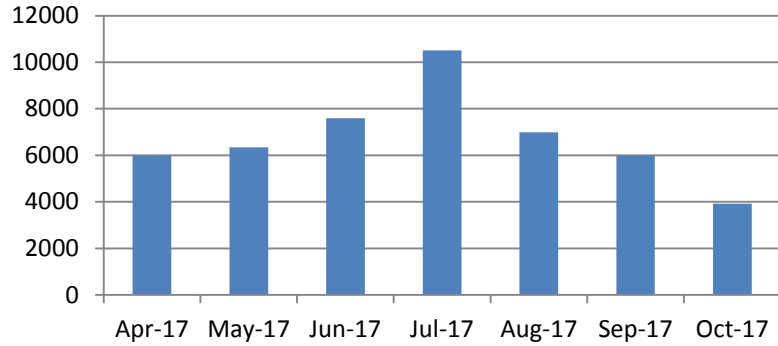
# October Ridership Summary

	Ridership	Ridership Budget	Variance
Weekday	33,252	27,196	+6,056
Saturday	19,901	17,295	+2,606
Sunday	10,260	9,384	+876
<b>Total</b>	<b>63,413</b>	<b>53,875</b>	<b>+9,538</b>

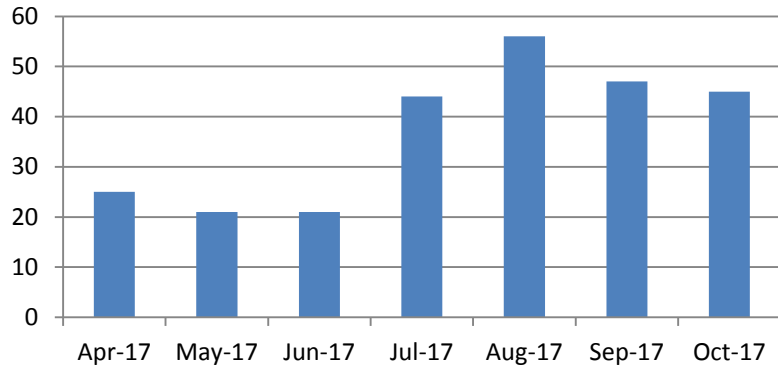
\*Includes any supplemental service

\*Does not include charter service

## Fare Inspections

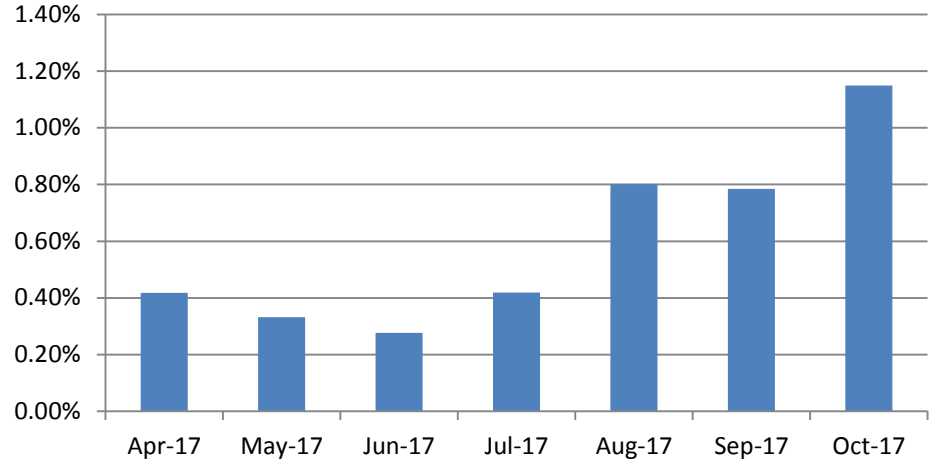


## Citations



# Fare Compliance

## Fare Evasion Rate



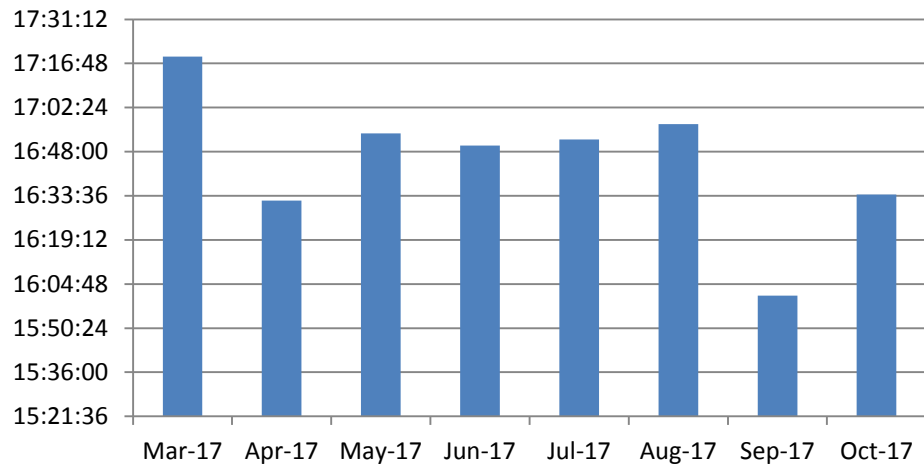
# October Operations Summary

Trips Scheduled	Trips Operated	Missed Trips	Average Headway	Blockages*	Signal Failures	Close Calls	TAA	Charter
2,315	2,159	156	12:55 (12 min) 16:34 (15 min)	67 (total) 65 (more than 2 min)	7 (total) 1 (more than 2 min)	61	7	1

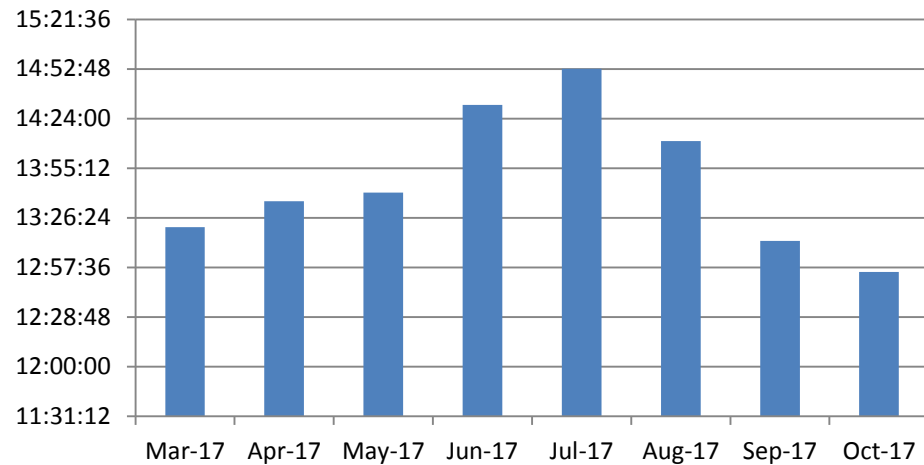


# Operations Trends

## Average Off Peak Headway

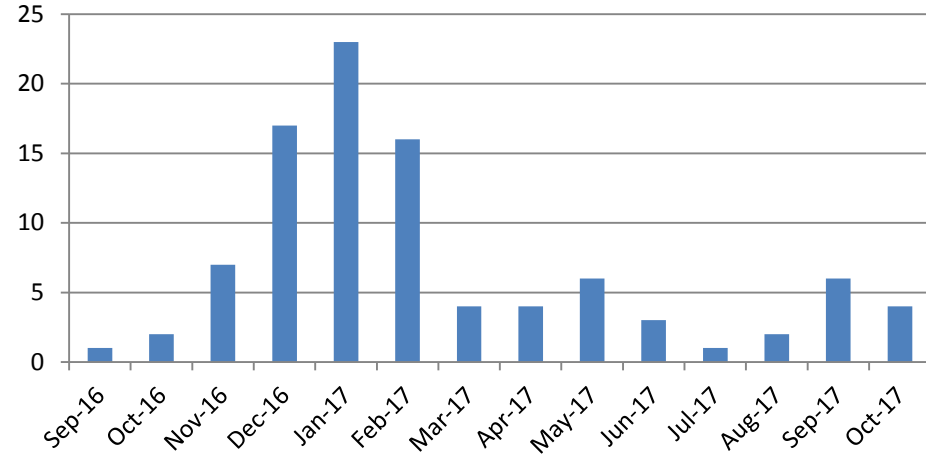


## Average Peak Headway



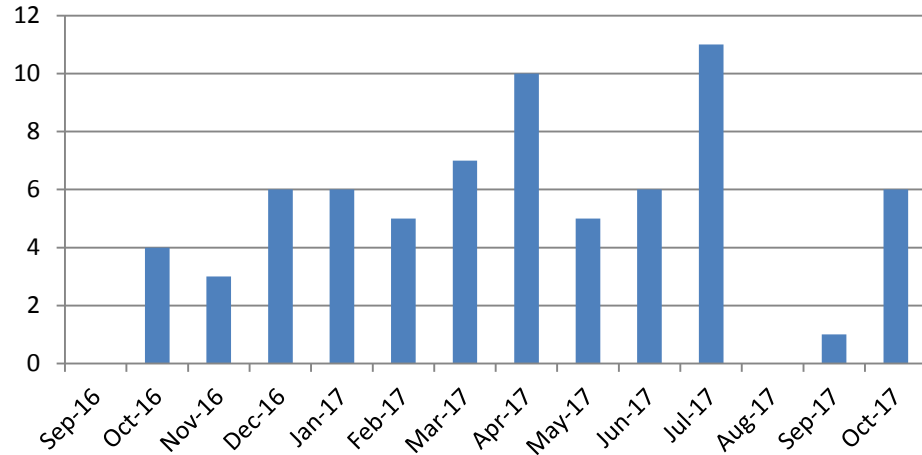
# Operations Trends

## Change Off Road



**Streetcar vehicle failure resulting in removal of vehicle from service; can be a failure of a safety device or electro/mechanical failure – requires off-load of passengers and results in 60+ minutes suspension of service and can result in reduced service (increased headway)**

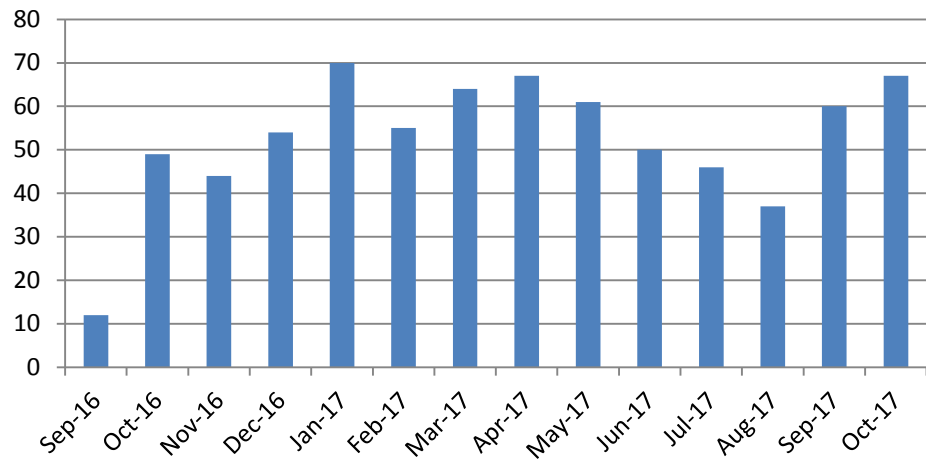
## Train Failure Road



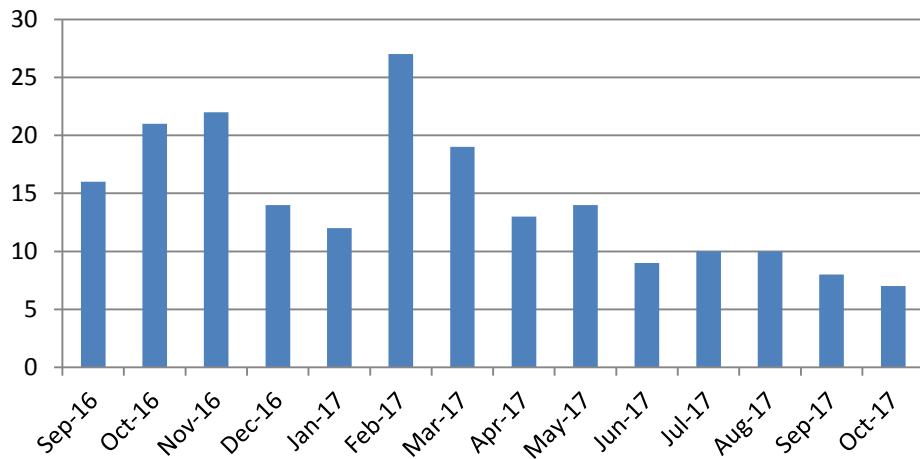
**Streetcar vehicle failure that can be remedied on the line – typically results in 5 to 60 minutes suspension of service**

# Operations Trends

## Streetcar Blockages



## Traffic Signal Failures



# Vehicle Status

- 1176 Out of Service 10/20/2017
  - Articulation Bearing Failure
- Ground Shunt and Wheel Tire CAF Field Modification Underway
  - Trains out of service – truck swap out

**QUESTIONS?**