

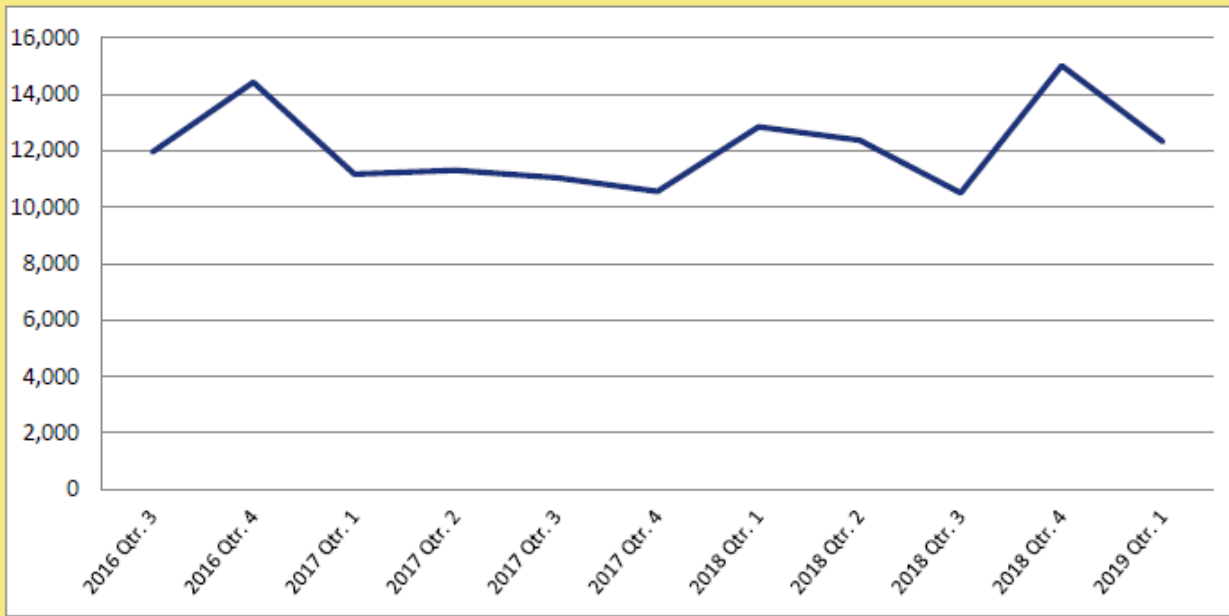
# ***2019 1st Quarter Performance Report***

TriMet Board Meeting, June 26, 2019

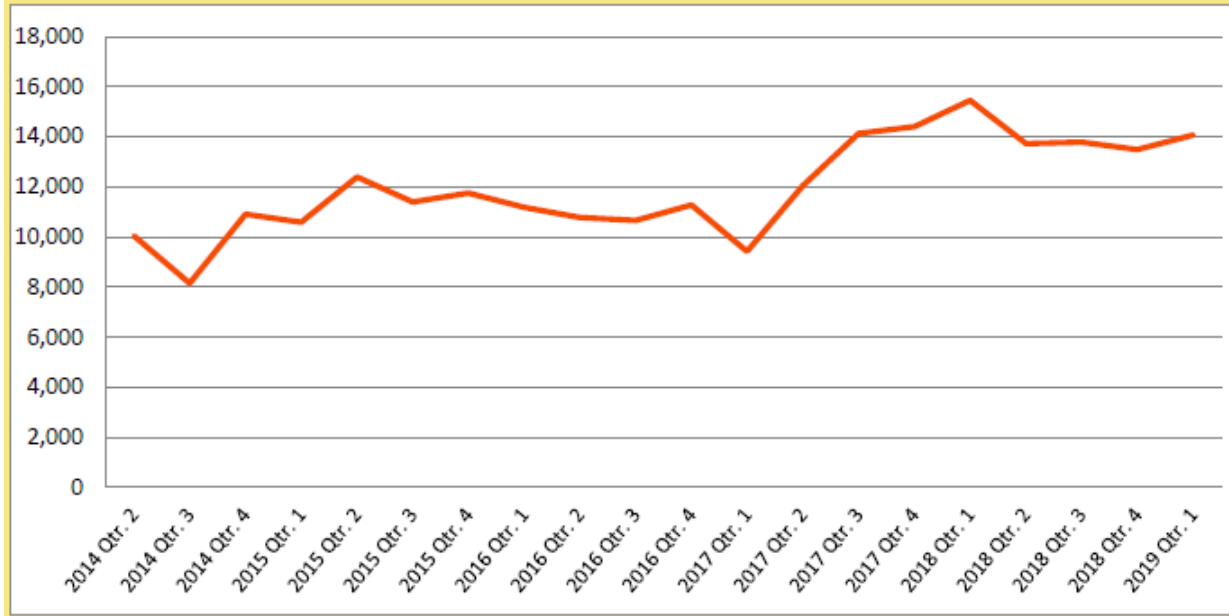
## Mean Distance Between Failures (MDBF)

	2019 Qtr. 1	2018 Qtr. 4	2018 Qtr. 1	2019 - 2018 Percent Change
<b>MAX Light Rail</b>	12,325	15,018	12,853	-4.1%
<b>Fixed Route Bus</b>	14,067	13,487	15,449	-8.9%

### MAX Light Rail MDBF - Lost Service



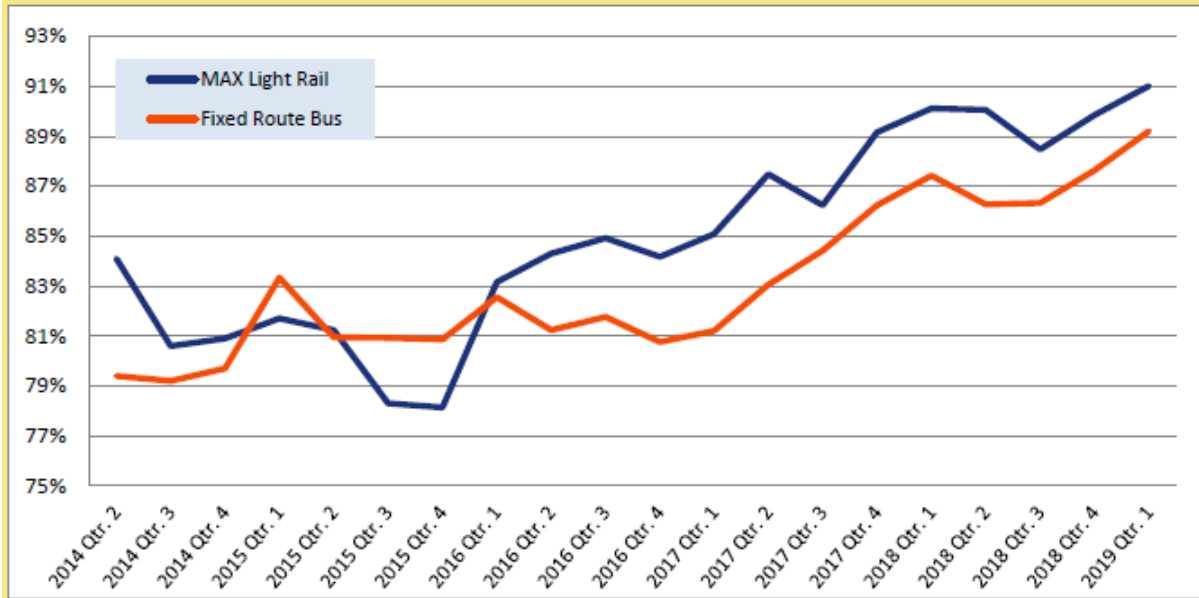
### Fixed Route Bus MDBF - Lost Service



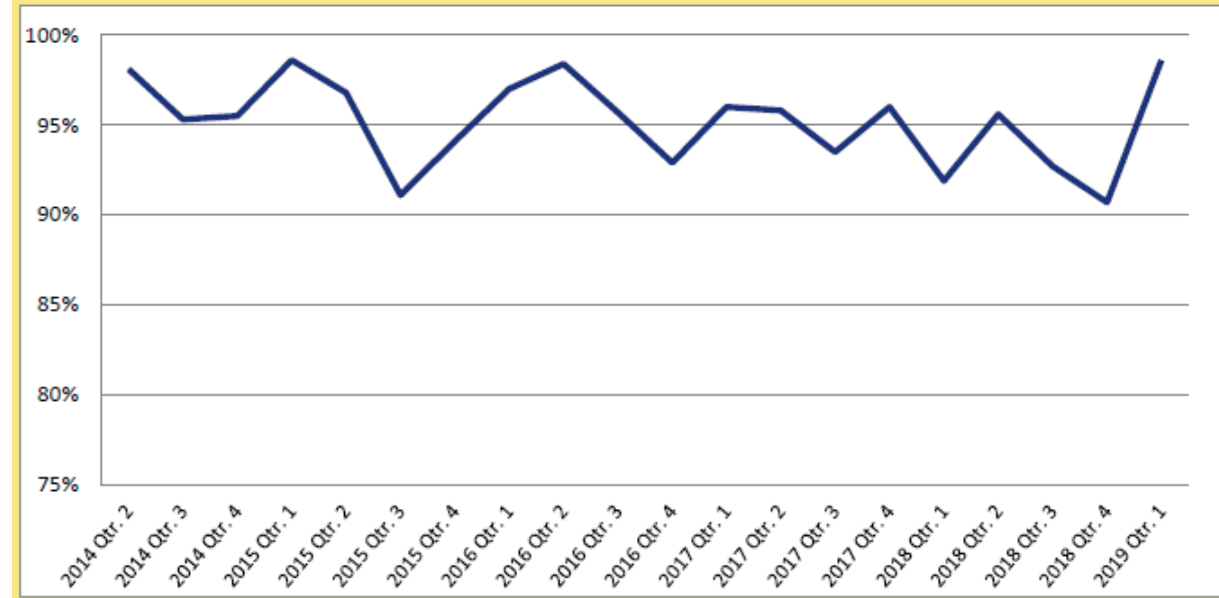
## On Time Performance

	2019 Qtr. 1	2018 Qtr. 4	2018 Qtr. 1	2019 - 2018 Percent Pt. Change
<b>Fixed Route Bus</b>	89.2%	87.6%	87.4%	1.8
<b>MAX Light Rail</b>	91.0%	89.9%	90.1%	0.9
<b>WES Commuter Rail</b>	98.6%	90.7%	91.9%	6.7

### Bus and MAX Light Rail OTP



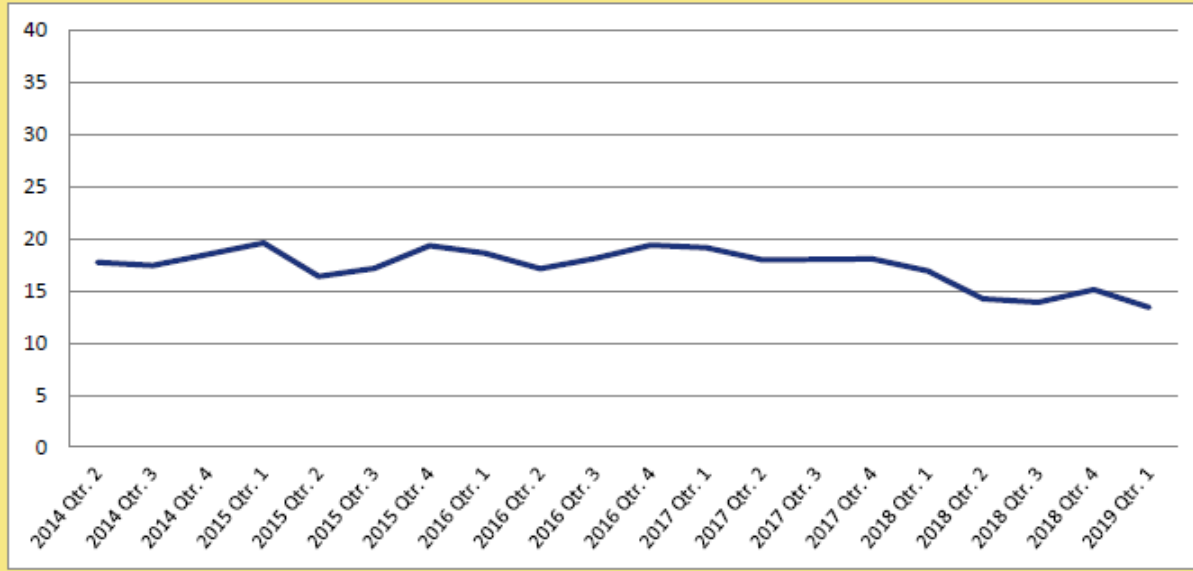
### WES Commuter Rail OTP



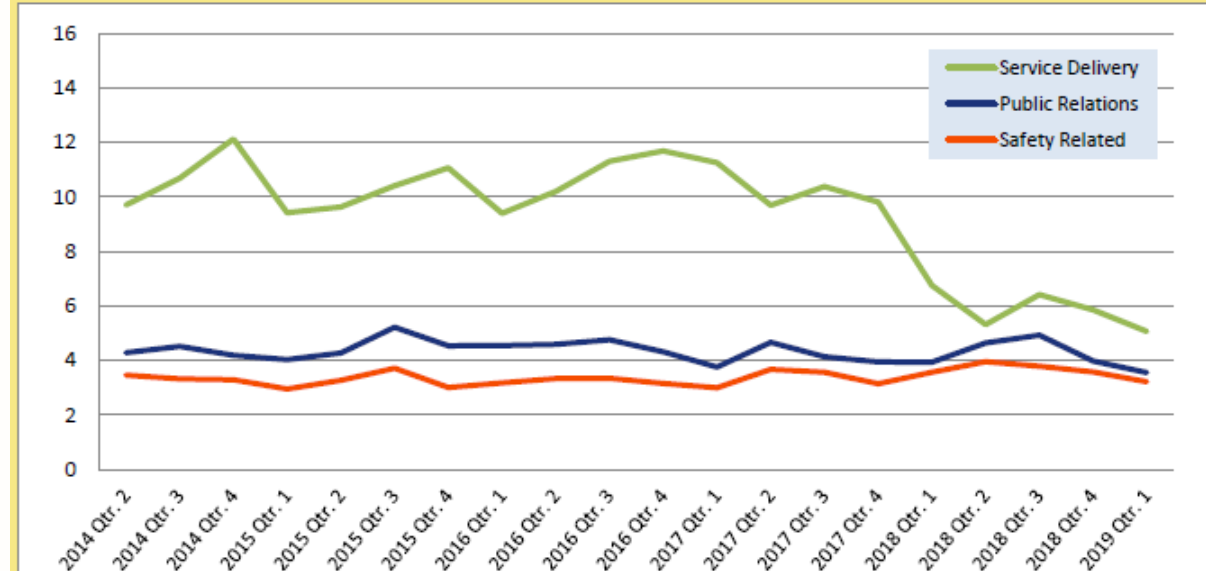
## Fixed Route Bus Complaints Per 100,000 Boarding Rides

	2019 Qtr. 1	2018 Qtr. 4	2018 Qtr. 1	2019 - 2018 Percent Change
<b>Total</b>	11.9	13.4	14.3	-16.9%
<b>Service Delivery</b>	5.1	5.9	6.8	-24.9%
<b>Public Relations</b>	3.6	4.0	3.9	-9.7%
<b>Safety Related</b>	3.2	3.6	3.6	-10%

### Total Operator Complaints Per 100,000 Boarding Rides



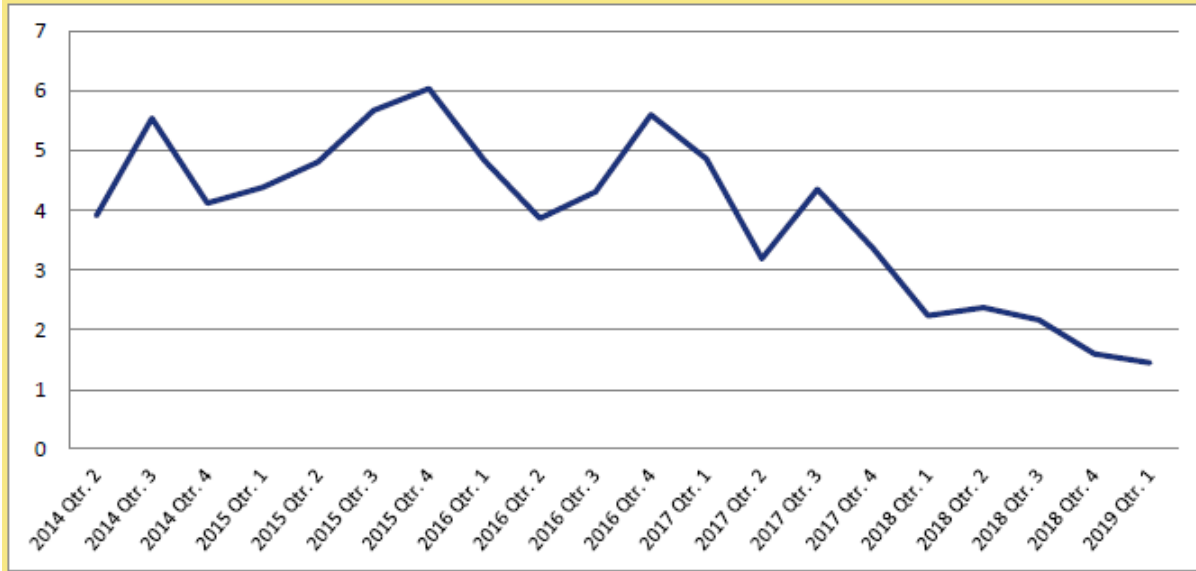
### Type of Operator Complaints Per 100,000 Boarding Rides



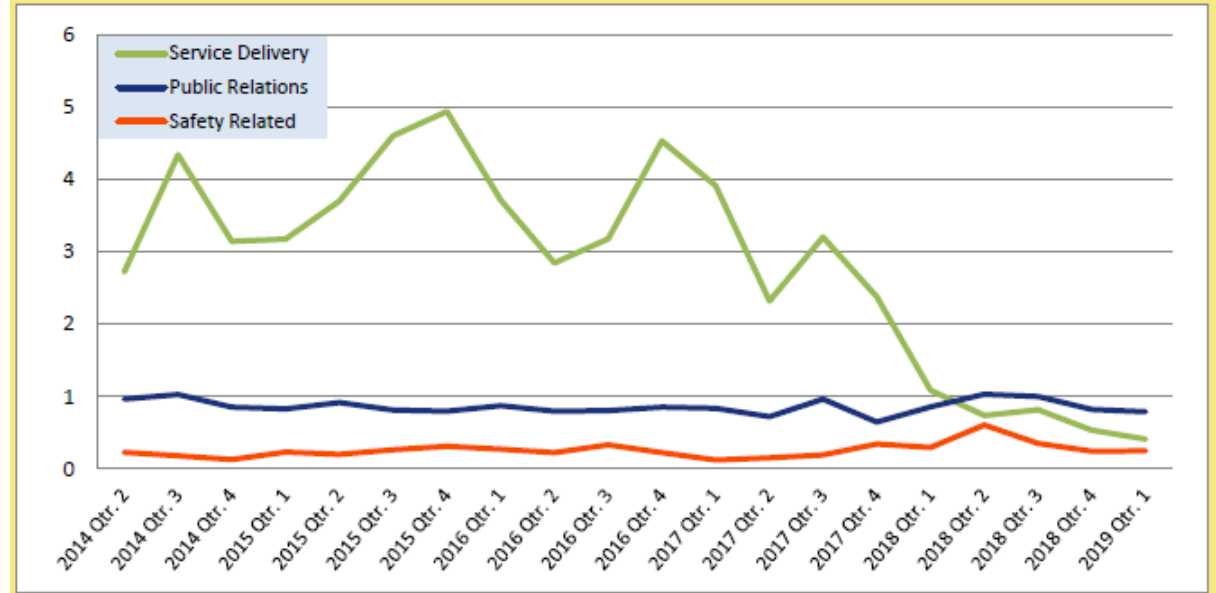
## MAX Light Rail Complaints Per 100,000 Boarding Rides

	2019 Qtr. 1	2018 Qtr. 4	2018 Qtr. 1	2019 - 2018 Percent Change
<b>Total</b>	1.4	1.6	2.2	-35.4%
<b>Service Delivery</b>	0.4	0.5	1.1	-62.3%
<b>Public Relations</b>	0.8	0.8	0.9	-7.9%
<b>Safety Related</b>	0.2	0.2	0.3	-16.0%

### Total Operator Complaints Per 100,000 Boarding Rides



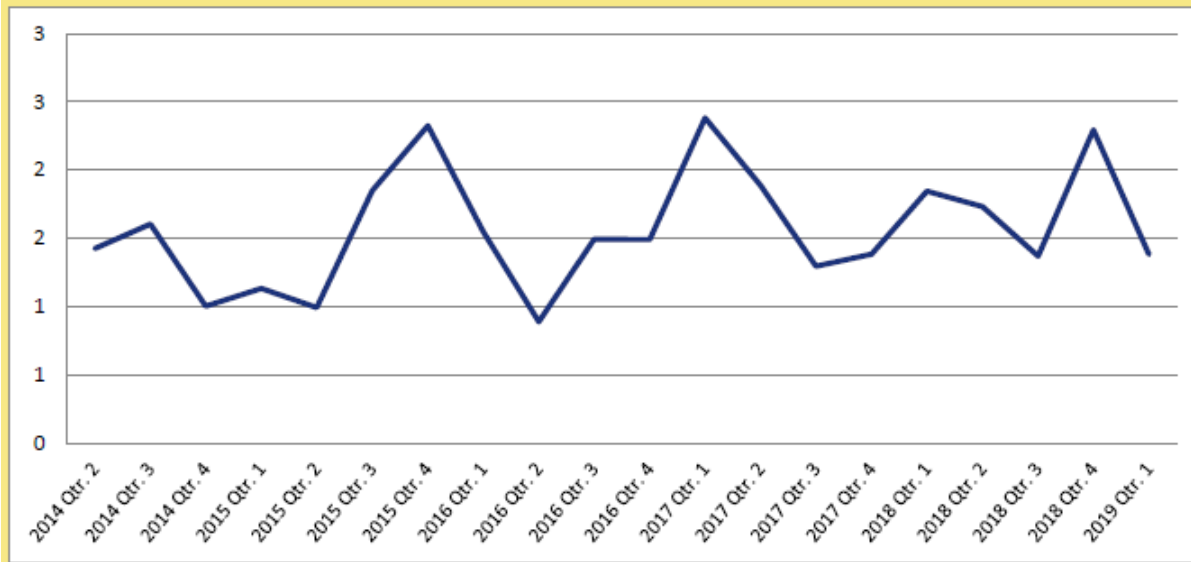
### Type of Operator Complaints Per 100,000 Boarding Rides



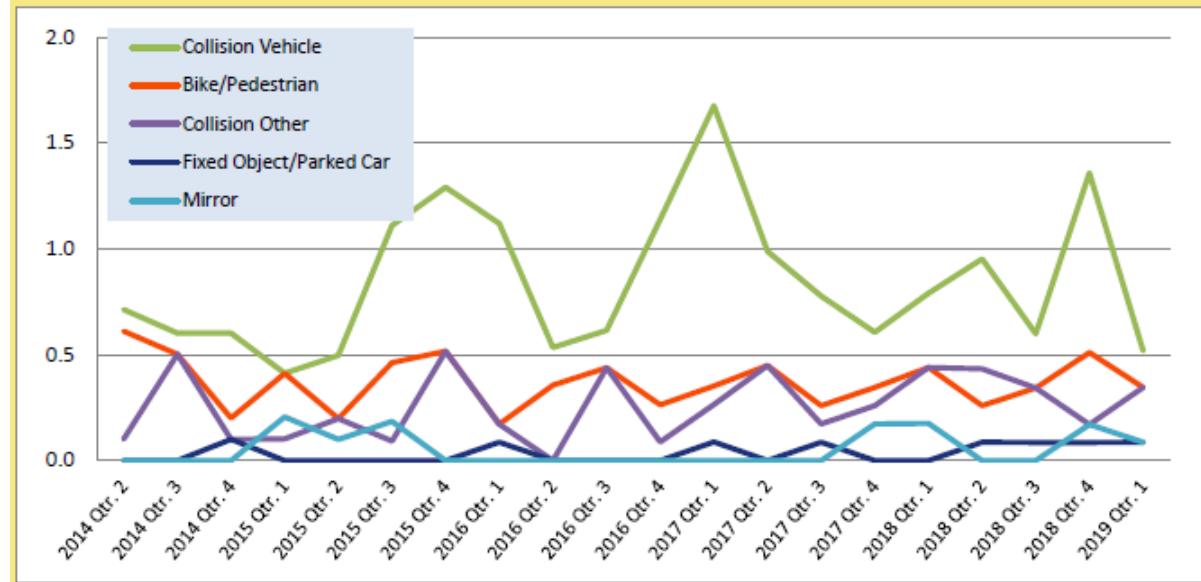
## MAX Light Rail Collisions per 100,000 Miles

	2019 Qtr. 1	2018 Qtr. 4	2018 Qtr. 1	2019 - 2018 Percent Change
<b>Total</b>	1.38	2.29	1.85	-25%
<b>Collision Vehicle</b>	0.52	1.36	0.79	-34%
<b>Fixed Object/Parked Car</b>	0.09	0.08	0.00	-
<b>Bike/Pedestrian</b>	0.35	0.51	0.44	-21%
<b>Collision Other</b>	0.35	0.17	0.44	-21%
<b>Mirror</b>	0.09	0.17	0.18	-51%

### MAX Light Rail Collisions per 100,000 Miles



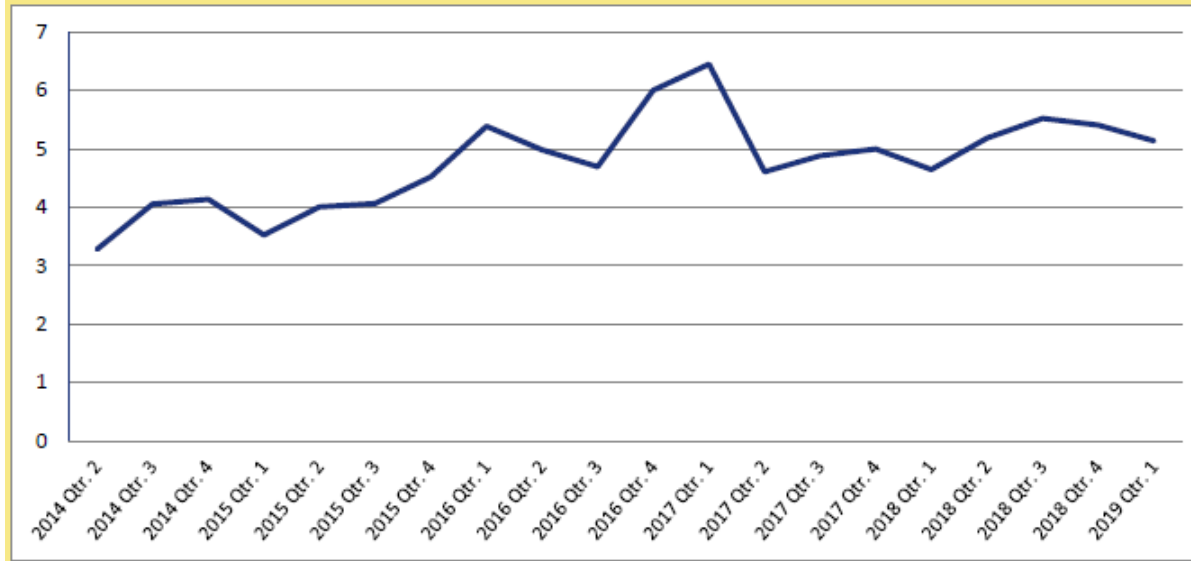
### MAX Collision Types per 100,000 Miles



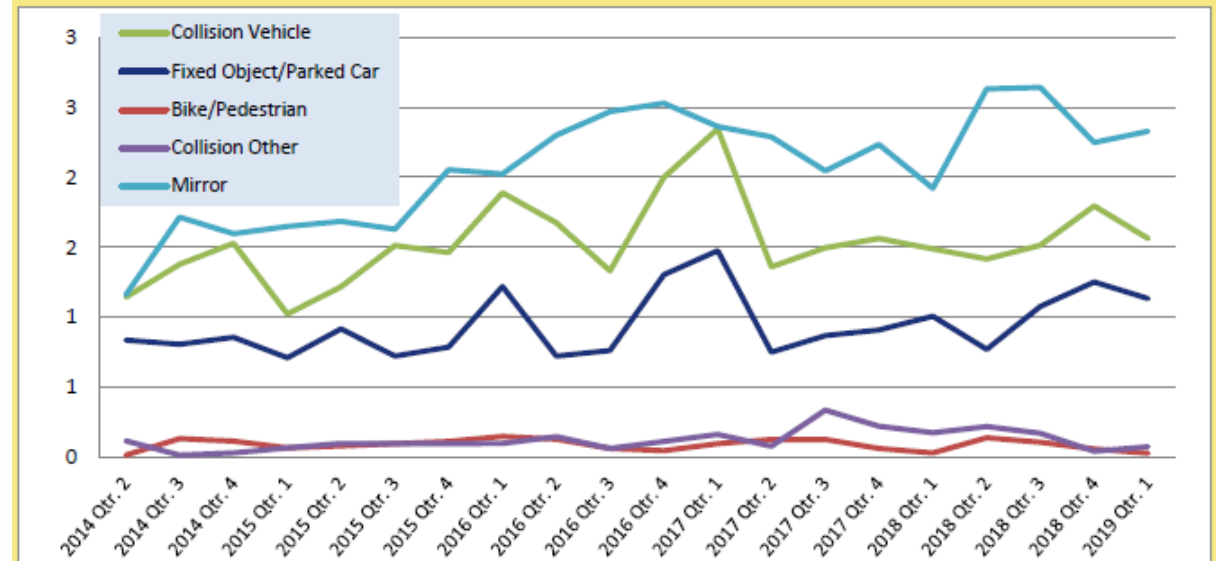
## Fixed Route Bus Collisions per 100,000 Miles

	2019 Qtr. 1	2018 Qtr. 4	2018 Qtr. 1	2019- 2018 Percent Change
<b>Total</b>	5.13	5.40	4.64	10.6%
<b>Collision Vehicle</b>	1.56	1.80	1.49	5.0%
<b>Fixed Object/Parked Car</b>	1.13	1.25	1.01	12.4%
<b>Bike/Pedestrian</b>	0.031	0.06	0.032	-4.3%
<b>Collision Other</b>	0.08	0.05	0.18	-56.5%
<b>Mirror</b>	2.33	2.25	1.92	21.2%

### Total Bus Collisions per 100,000 Miles

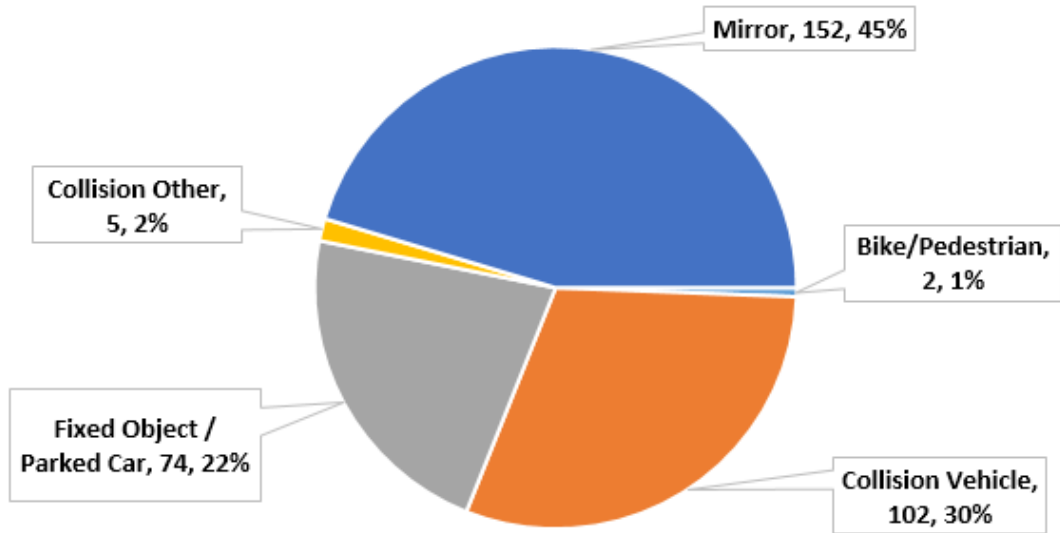


### Bus Collision Types per 100,000 Miles

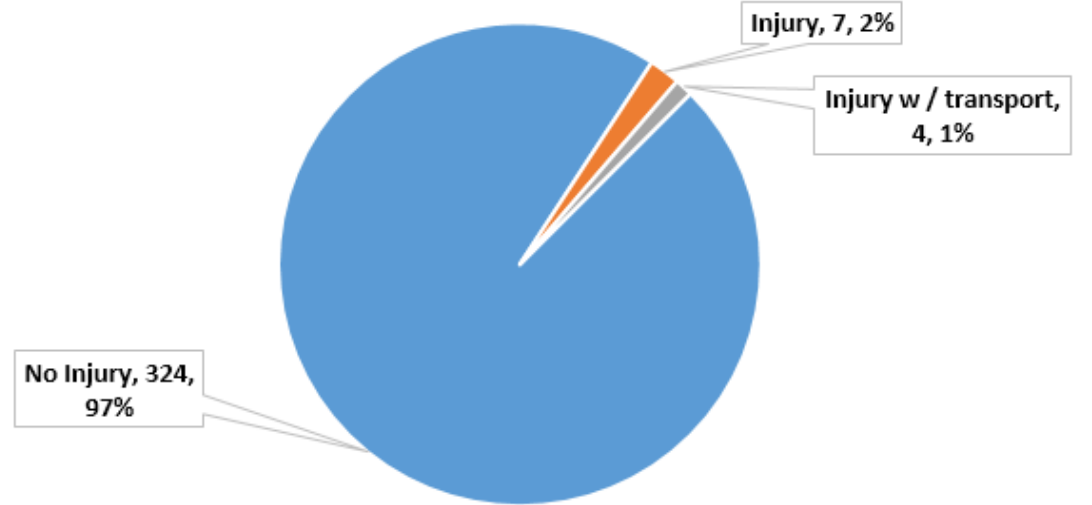


## Fixed Route Bus Collisions

### Bus Collisions by Type, 2019 Q1



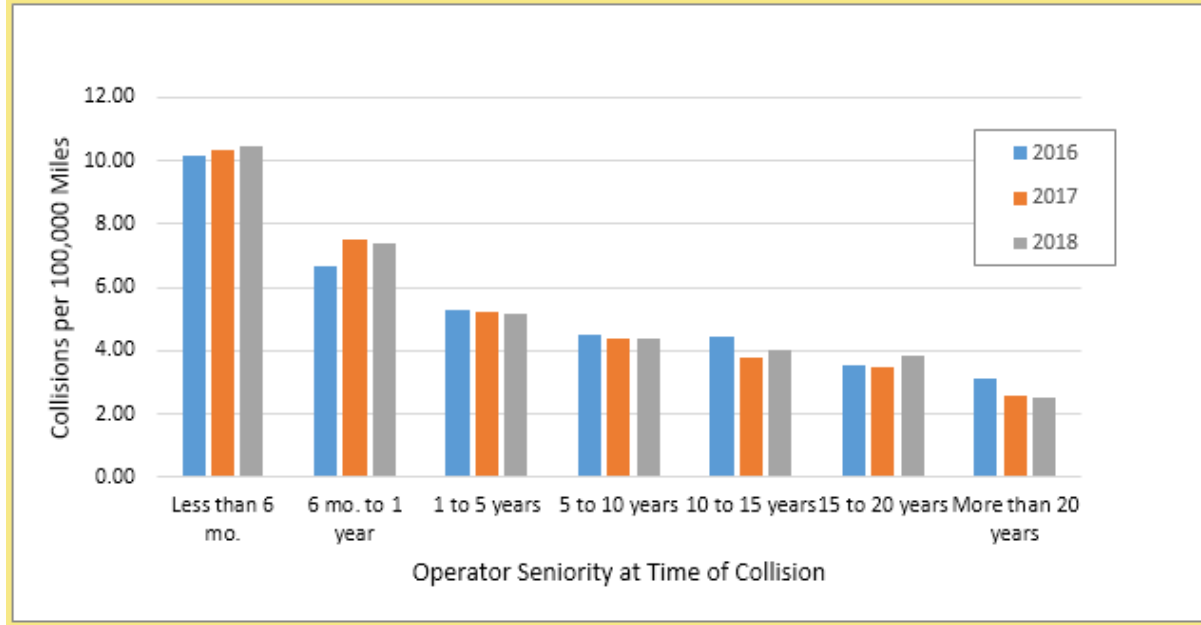
### Injuries Reported at Time of Incident, 2019 Q1



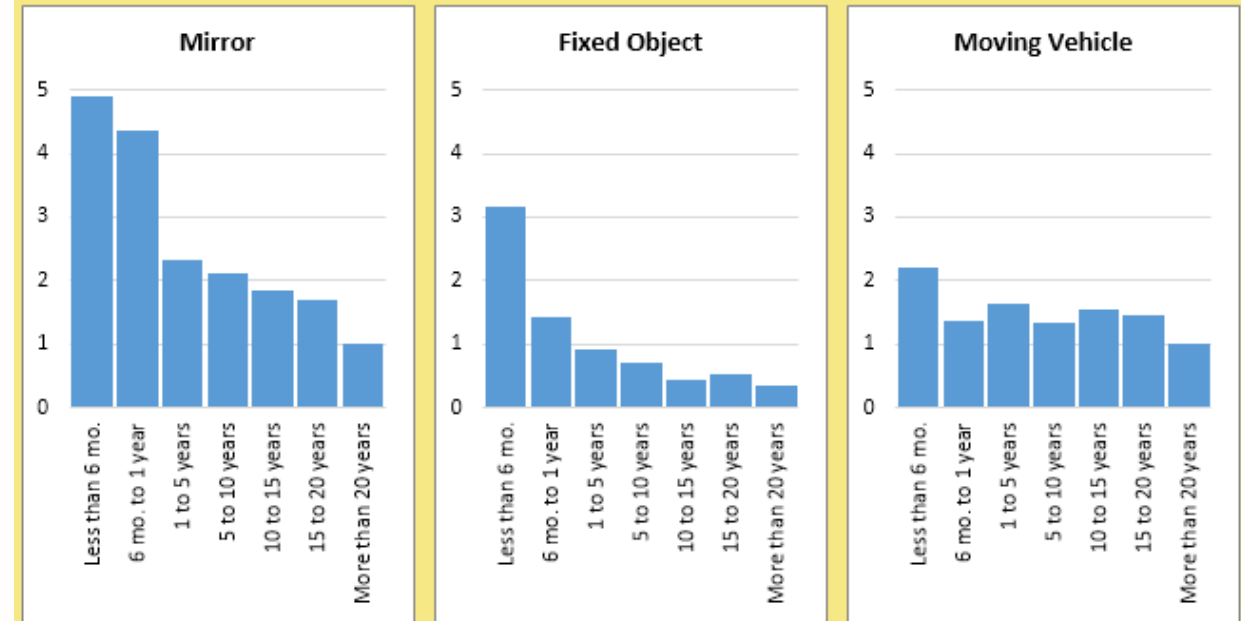


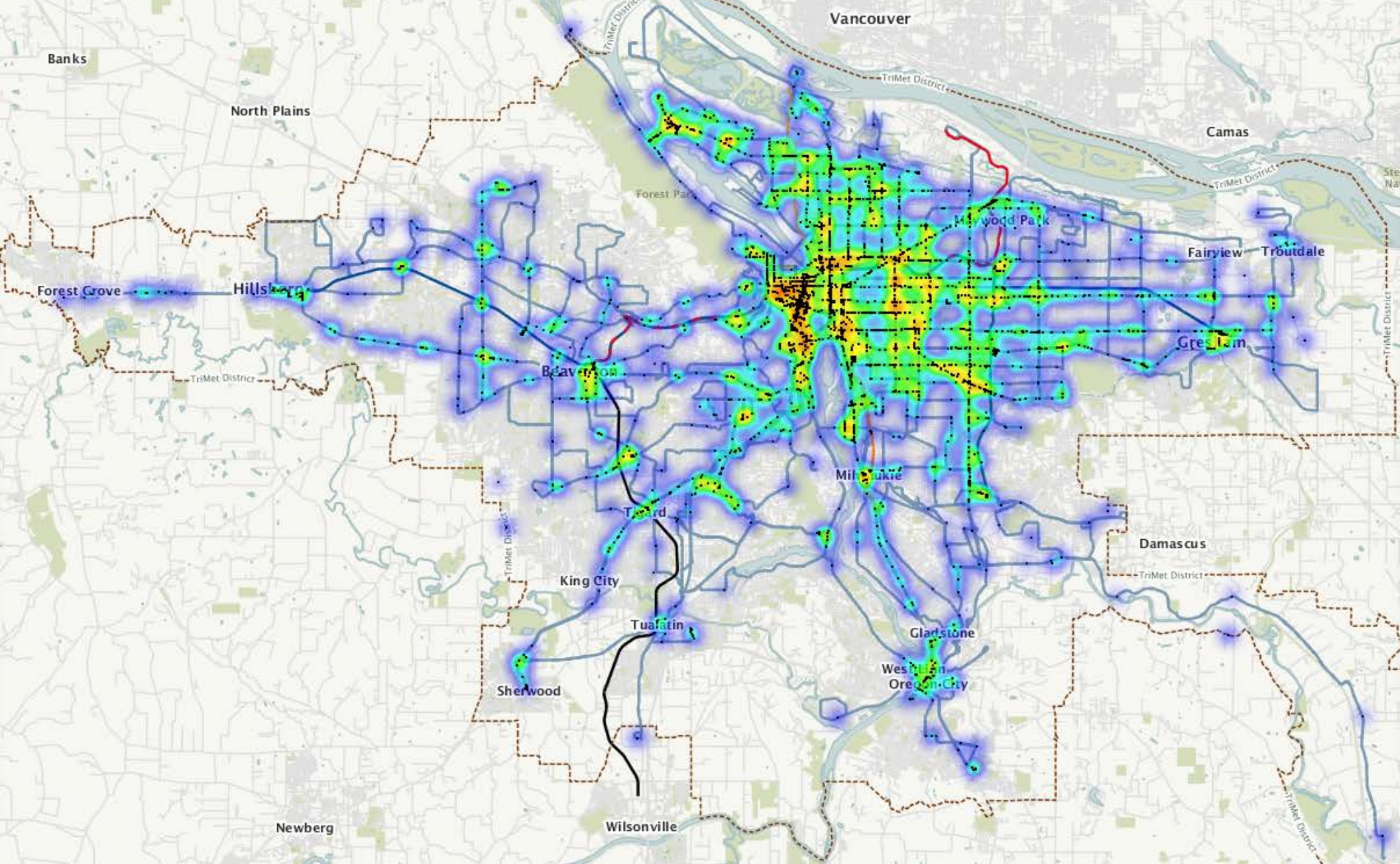
## Fixed Route Bus Collisions

### Bus Operator Collision Rates by Seniority



### Bus Collision Rates per 100,000 Miles by Type and Seniority, 2018





**Date, Time**

Select time period:

2015 2016 2017 2018

Month:

January December

Time:

12:00 AM 11:59 PM

**Incident Sub-Type**

Select the incident sub-types:

- Bus Zone**
  - Bus Zone (287)
- Clearance**
  - Left Side Clearance (725)
  - Right Side Clearance (662)
- Fatality**

**Route**

Select the line(s), hold CTRL to select multiple:

Select Line Number(s)

ALL

No Line Indicated

1-Vermont

2-Division

4-Fessenden

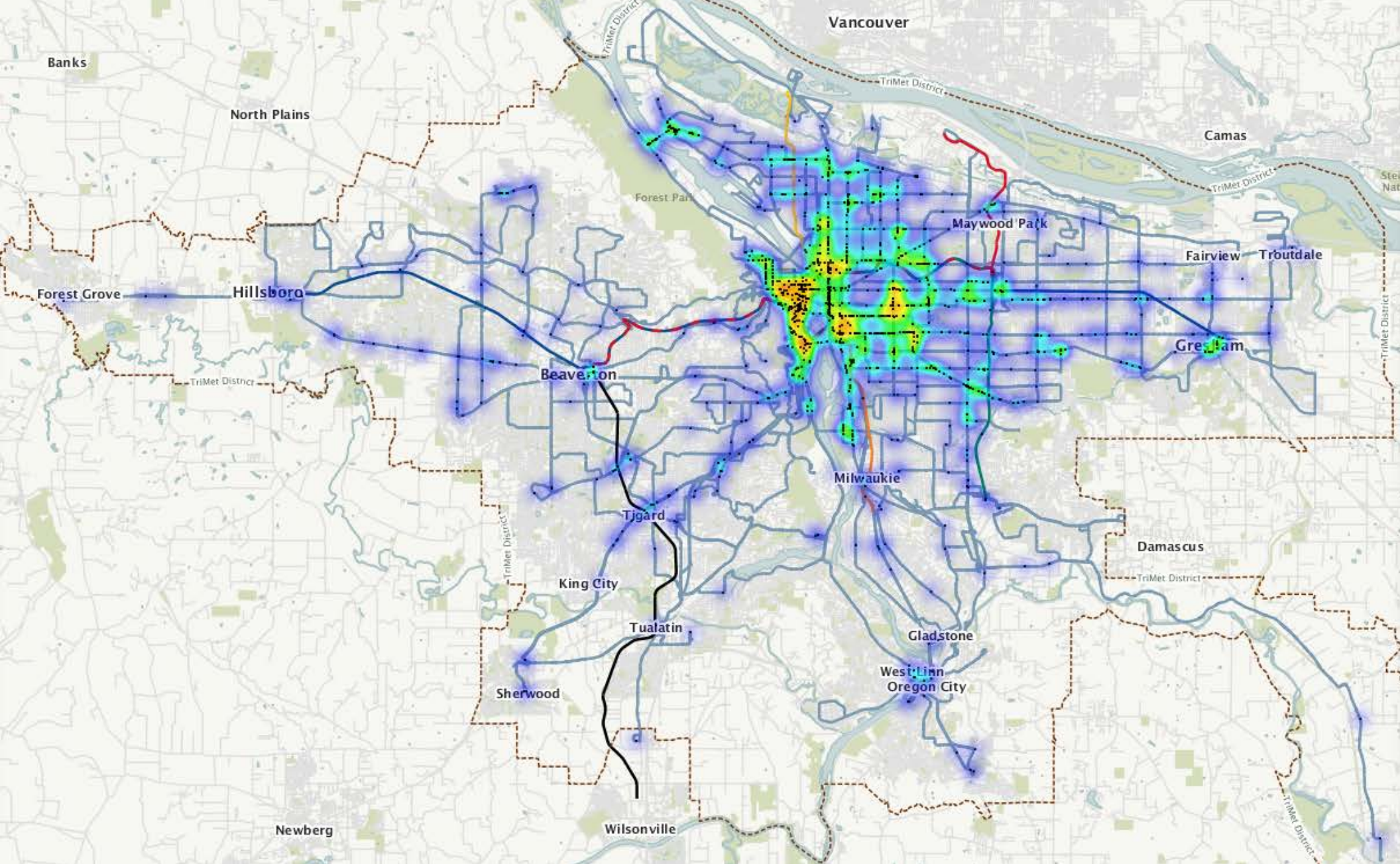
6-Martin Luther King Jr Blvd

**Garage**

**Incident Review Status**

**Map Controls**

Reset Map Zoom to Query



Date/Time

Select time period:

- 2015
- 2016
- 2017
- 2018

Month:

- January
- December

Time:

- 12:00 AM
- 11:59 PM

### Incident Sub-Type

Select the incident sub-types:

- Intersection
- Mirror Strike
- Mirror Strike (2031)
- Other
- Pedestrian/Bicyclist
- Vehicle

### Route

Select the line(s), hold CTRL to select multiple:

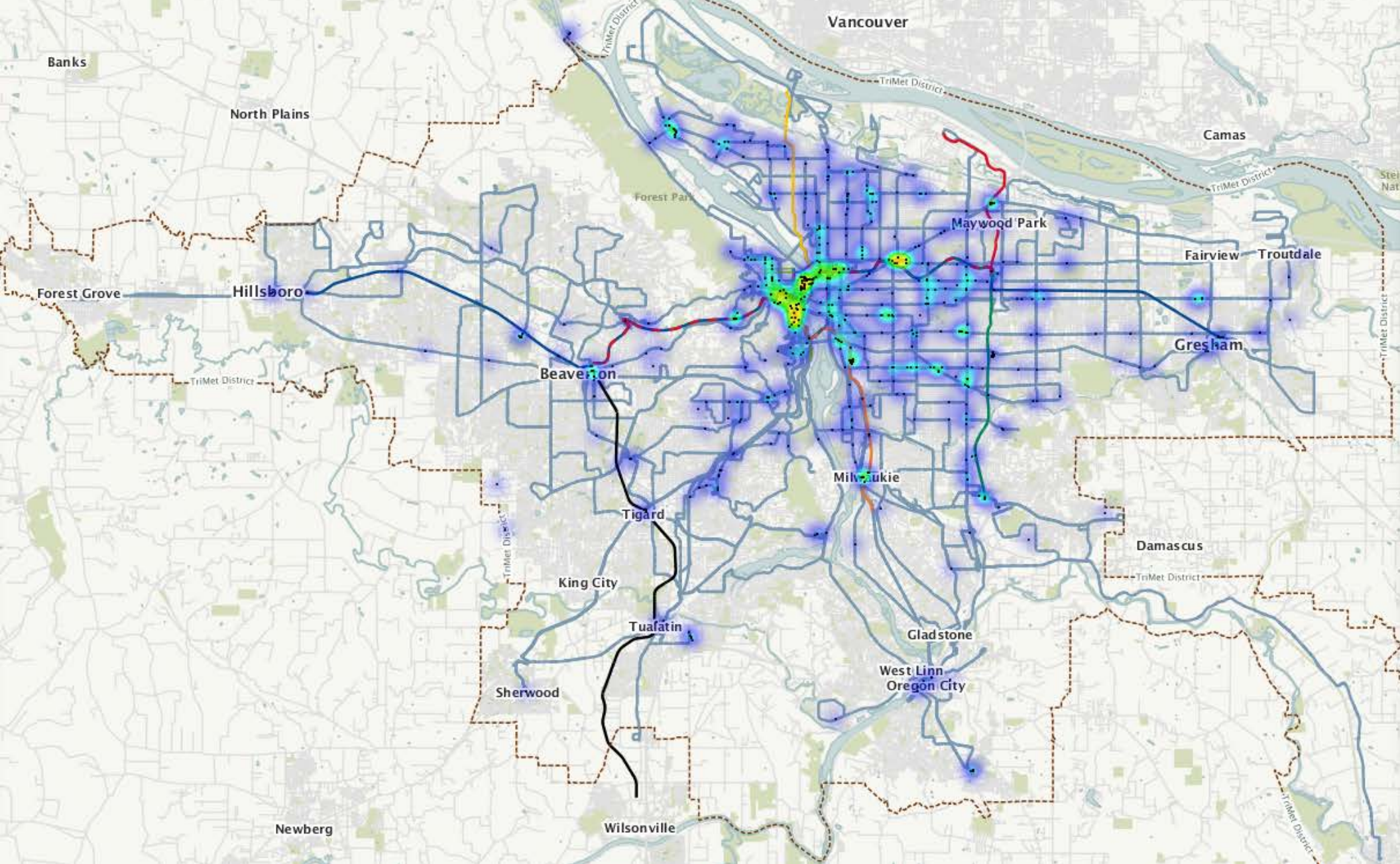
- Select Line Number(s)
- ALL
  - No Line Indicated
  - 1-Vermont
  - 2-Division
  - 4-Fessenden
  - 6-Martin Luther King Jr Blvd

### Garage

### Incident Review Status

### Map Controls

[Reset Map](#) [Zoom to Query](#)



**Date/Time**

Select time period:

Month:

Time:

**Incident Sub-Type**

Select the incident sub-types:

- Fixed Object
  - Fixed Object (672)
- Intersection
- Mirror Strike
- Other
- Pedestrian/Bicyclist

**Route**

Select the line(s), hold CTRL to select multiple:

Select Line Number(s)

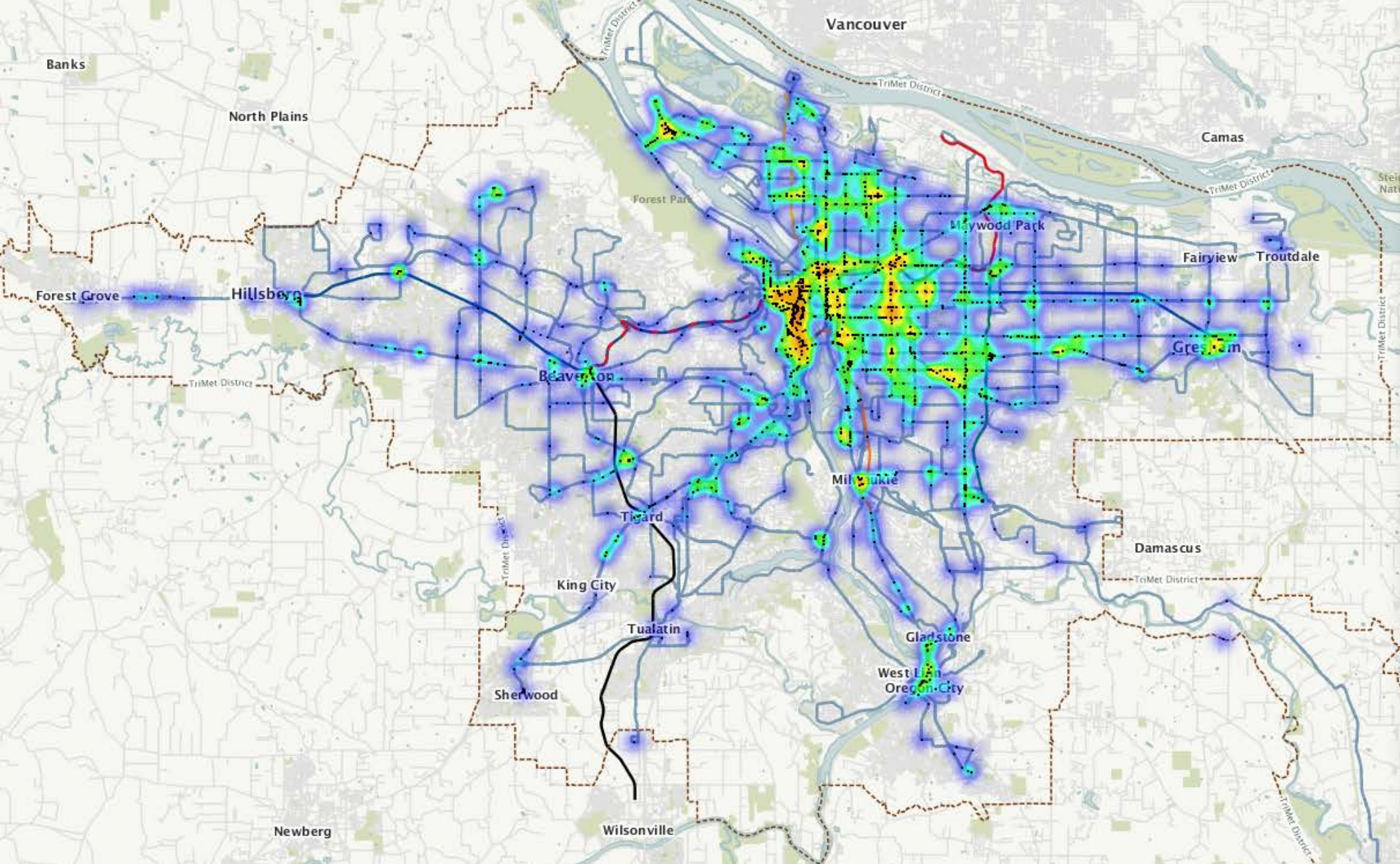
- ALL**
- No Line Indicated
- 1-Vermont
- 2-Division
- 4-Fessenden
- 6-Martin Luther King Jr Blvd

**Garage**

**Incident Review Status**

**Map Controls**

[Reset Map](#)
[Zoom to Query](#)



**Date/Time**

Select time period:

- 2015
- 2016
- 2017
- 2018

Month:

- January ▾
- December ▾

Time:

- 12:00 AM ▾
- 11:59 PM ▾

**Incident Sub-Type**

Select the incident sub-types:

- Fixed Object
- Intersection
- Mirror Strike
- Other
- Pedestrian/Bicyclist
- Vehicle

**Route**

Select the line(s), hold CTRL to select multiple:

- Select Line Number(s)
- ALL
  - No Line Indicated
  - 1-Vermont
  - 2-Division
  - 4-Fessenden
  - 6-Martin Luther King Jr Blvd

**Garage**

**Incident Review Status**

**Map Controls**

[Reset Map](#) [Zoom to Query](#)