

# Guelph Police Service

2016 Quarter 3

(January 1<sup>st</sup> – September 30<sup>th</sup>) Collision Statistics



# Guelph Police Service 2016 -2015 (Jan 1<sup>st</sup> – Sept 30<sup>th</sup>) Collision Statistics

Month	Present Year	Previous Year	Gain/Loss	% of Total Present Year	% of Total Previous Year	Gain/Loss of %
Driveable	2,636	2,805	-169	78.6%	77.1%	1.5%
Tows	719	833	-114	21.4%	22.9%	-1.5%
Total Vehicles	3,355	3,638	-283	100%	100%	
On Scene Parties	1,393	1,563	-170	41.5%	43.0%	-1.4%
Self Reports Parties	1,992	2,075	-83	59.4%	57.0%	2.3%
Injuries	273	240	33	7.2%Of Total Parties	6.0%Of Total Parties	1.2%
Total Self Reported Collisions	1,310	1,329	-19	64.2%	62.2%	2.1%
Total On Scene Collisions	730	809	-79	35.8%	37.8%	-2.1%
Total Collisions	2,040	2,138	-98	100.0%	100.0%	0.0%

## Breakdown of MVAR (401) Classification of Collisions

Month	Present Year	Previous Year	Gain/Loss	% of Total Present Year	% of Total Previous Year	Gain/Loss of %
<b>On Scene MVAR</b>						
Fatal Injury	0	1	-1	0.0%	0.1%	-0.1%
Non-Fatal Injury	272	290	-18	37.3%	36.0%	1.3%
PD Only	430	481	-51	58.9%	59.7%	-0.8%
Non-Reportable	27	34	-7	3.7%	4.2%	-0.5%
Other	1	0	1	0.1%	0.0%	0.1%
Total	730	806	-76	100.0%	100.0%	

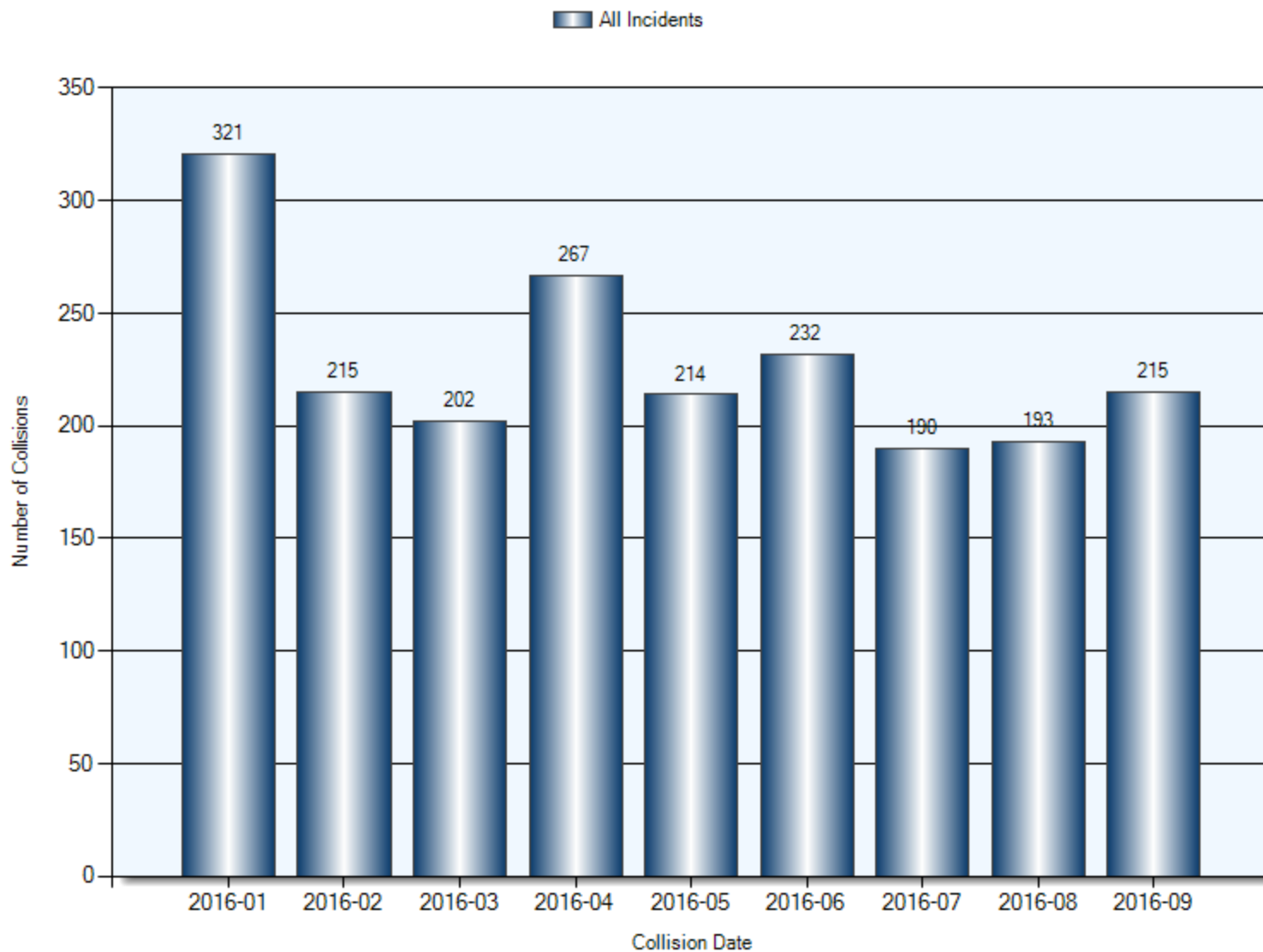
Drivers with improper licences: Total Incidents: 47

Drivers with suspended licences: 39

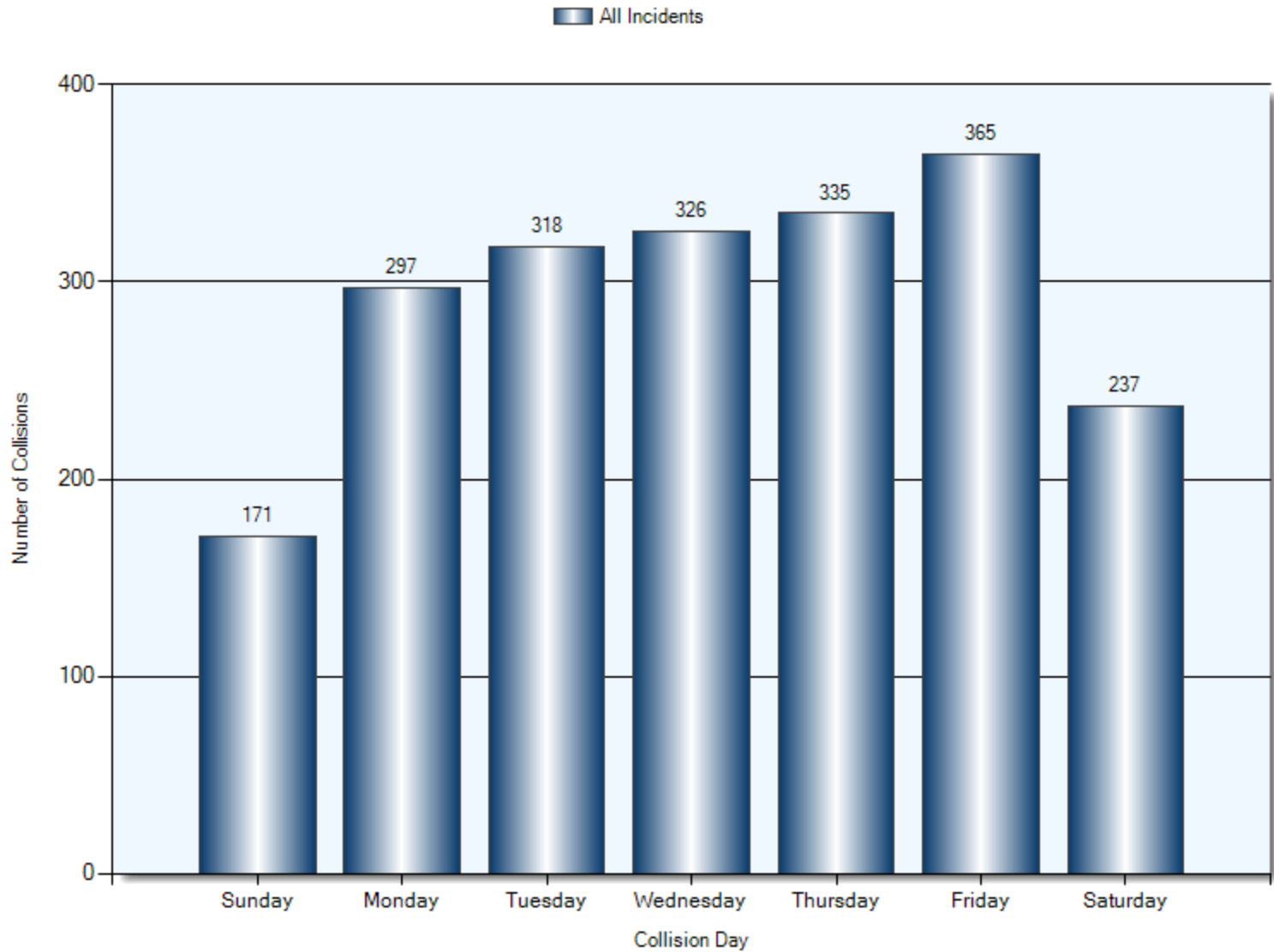
Collisions reported on roads that were under repair or construction: Total Incidents: 14

Breathalyzers Administered: Total Incidents: 32

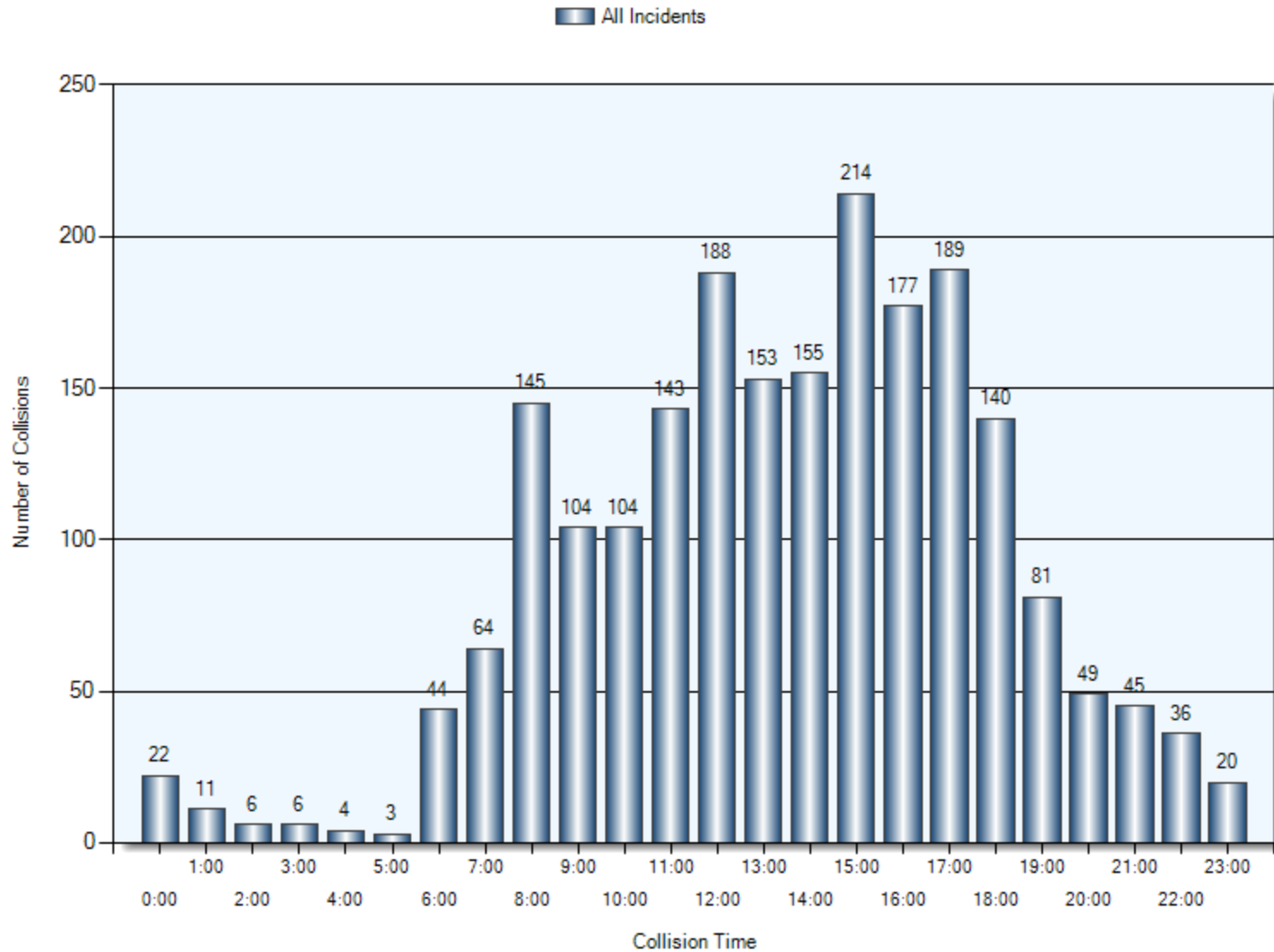
# January 1<sup>st</sup> – Sept 30<sup>th</sup> 2016 Q3 Collision Date



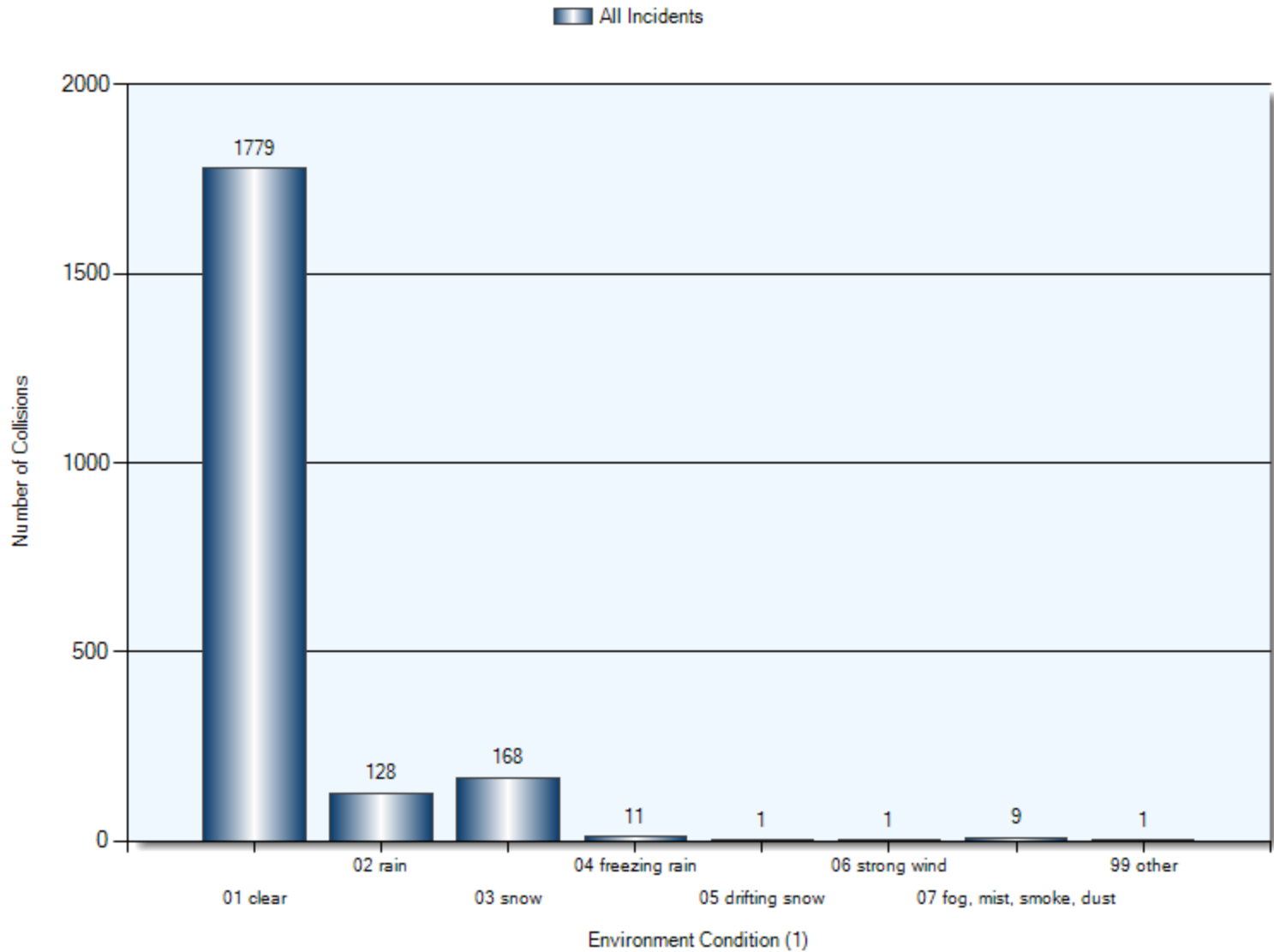
# Collision Day



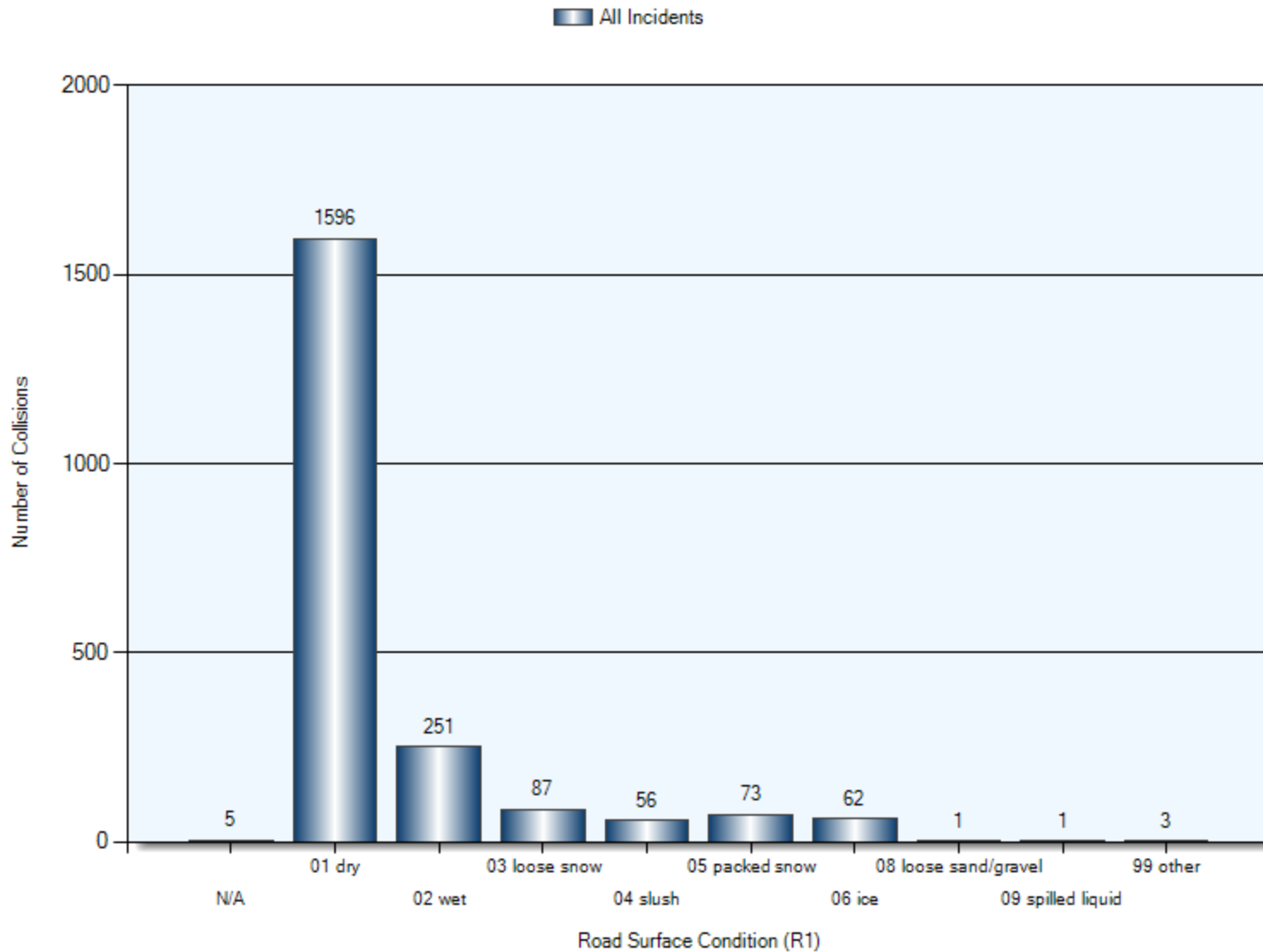
# Collision Times



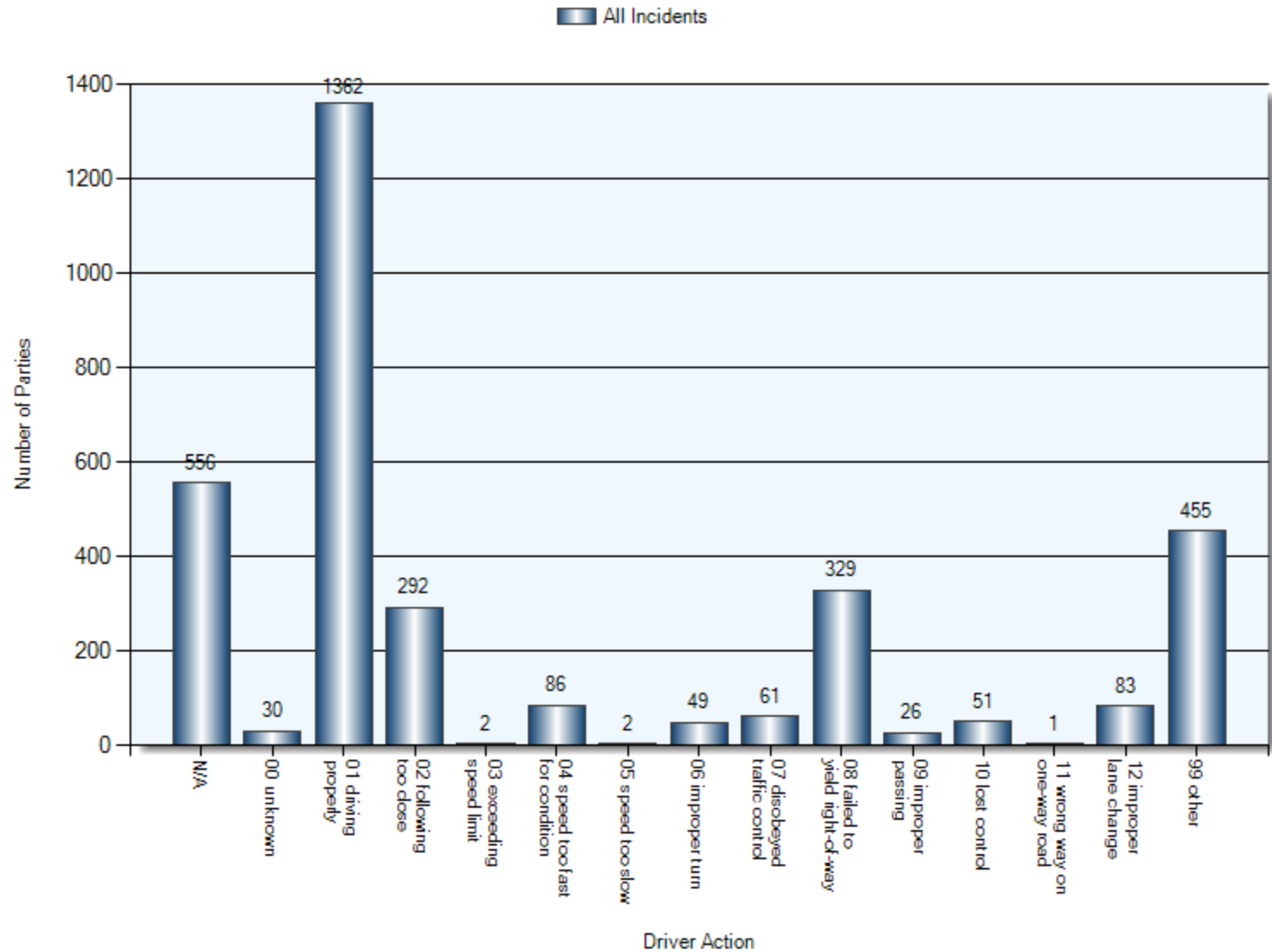
# Environmental Conditions



# Road Surface Conditions



# Driver Actions



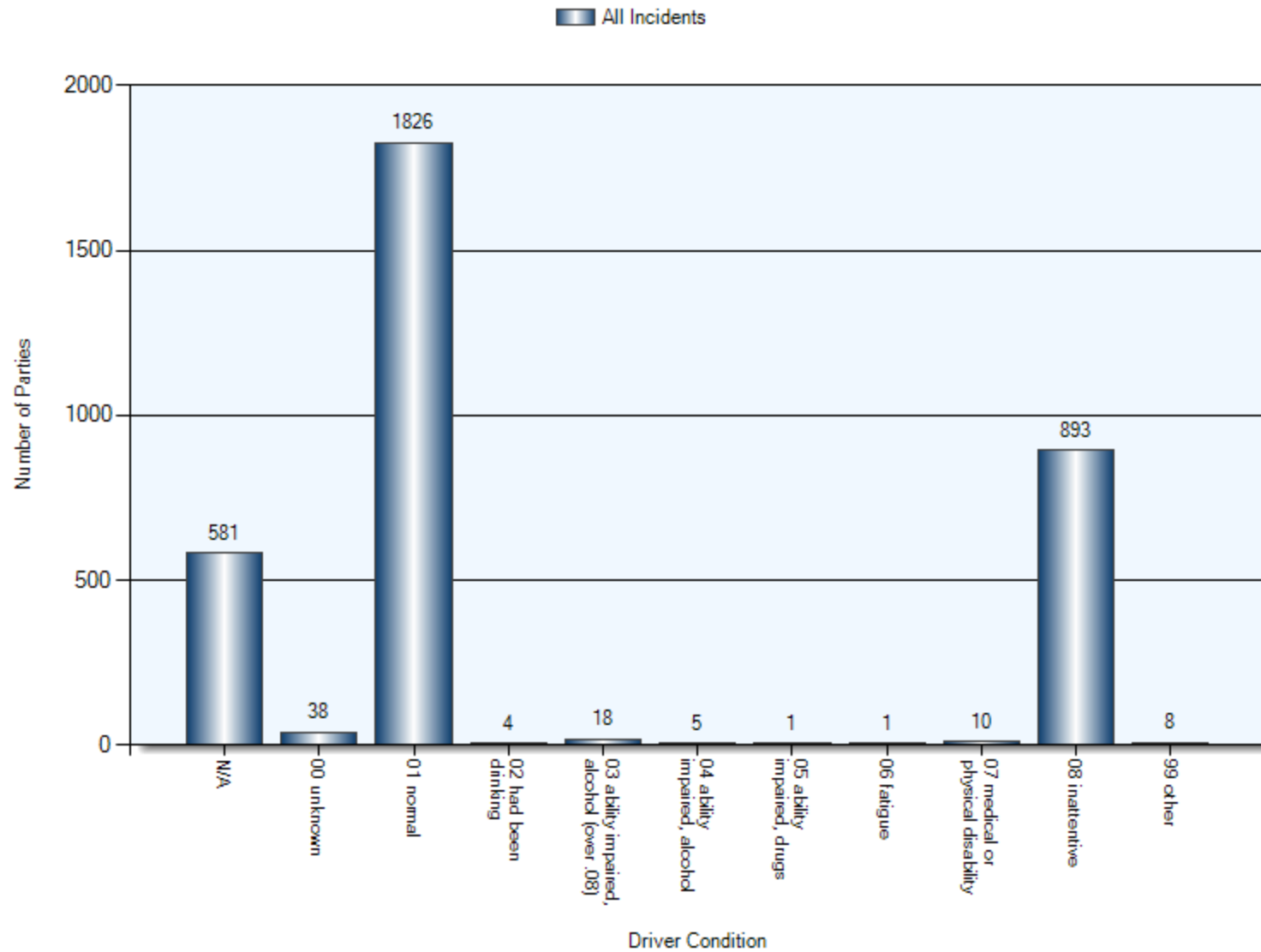


# Top Intersections – Improper Driver Actions

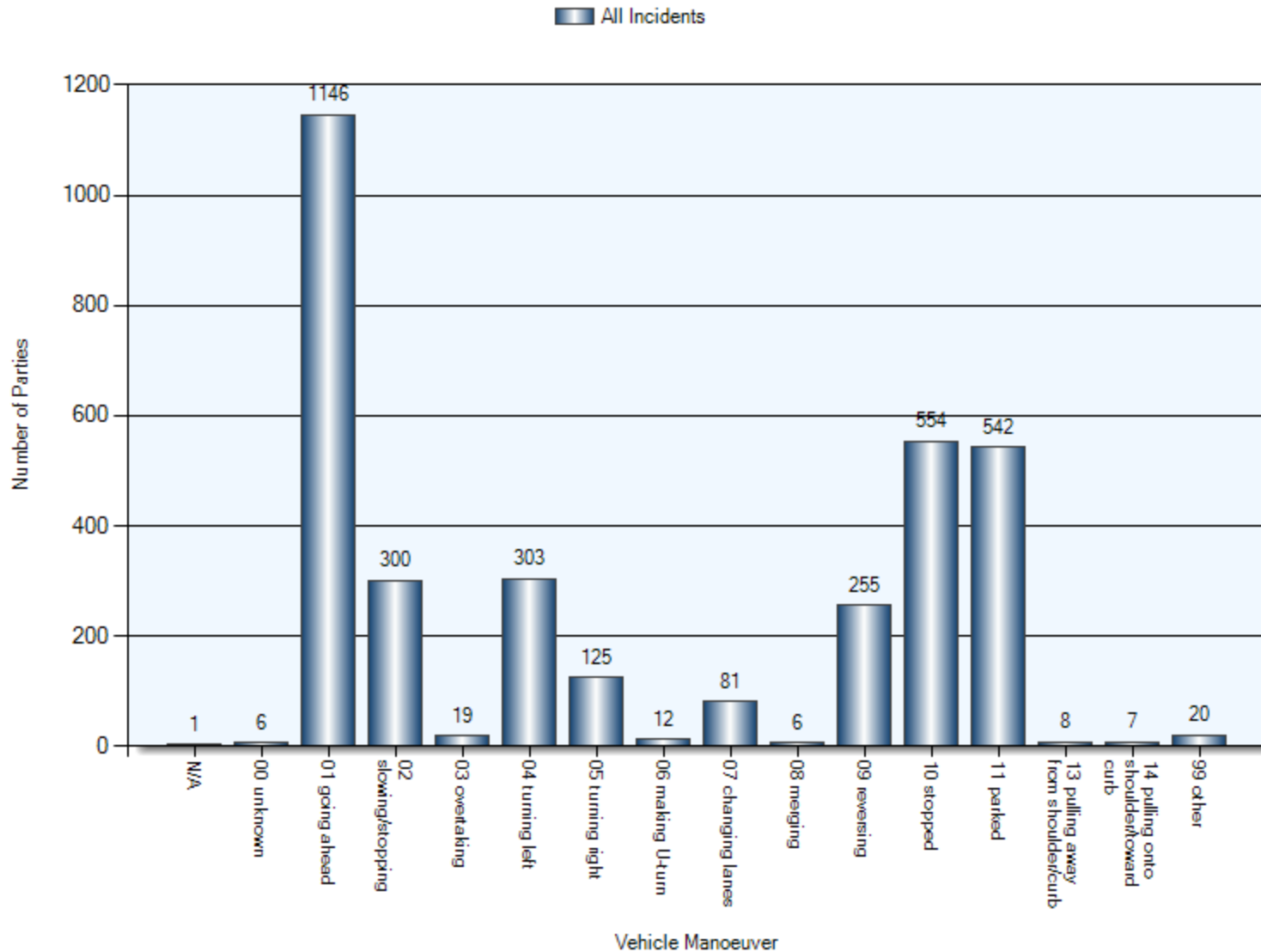
Intersection ▼	Incidents	Parties
NON-INTERSECTION	442	463
EDINBURGH RD S & WELLINGTON ST W	18	18
GORDON ST & WELLINGTON ST W	17	17
EDINBURGH RD S & STONE RD W	17	19
IMPERIAL RD N & WOODLAWN RD W	16	16
SILVERCREEK PKWY N & WOODLAWN RD W	13	13
SPEEDVALE AVE W & WOOLWICH ST	13	15
SCOTTSDALE DR & STONE RD W	11	11
COLLEGE AVE W & GORDON ST	11	12
ELMIRA RD N & WOODLAWN RD W	11	12

**\*Driver Action is not equal to Driving Properly**

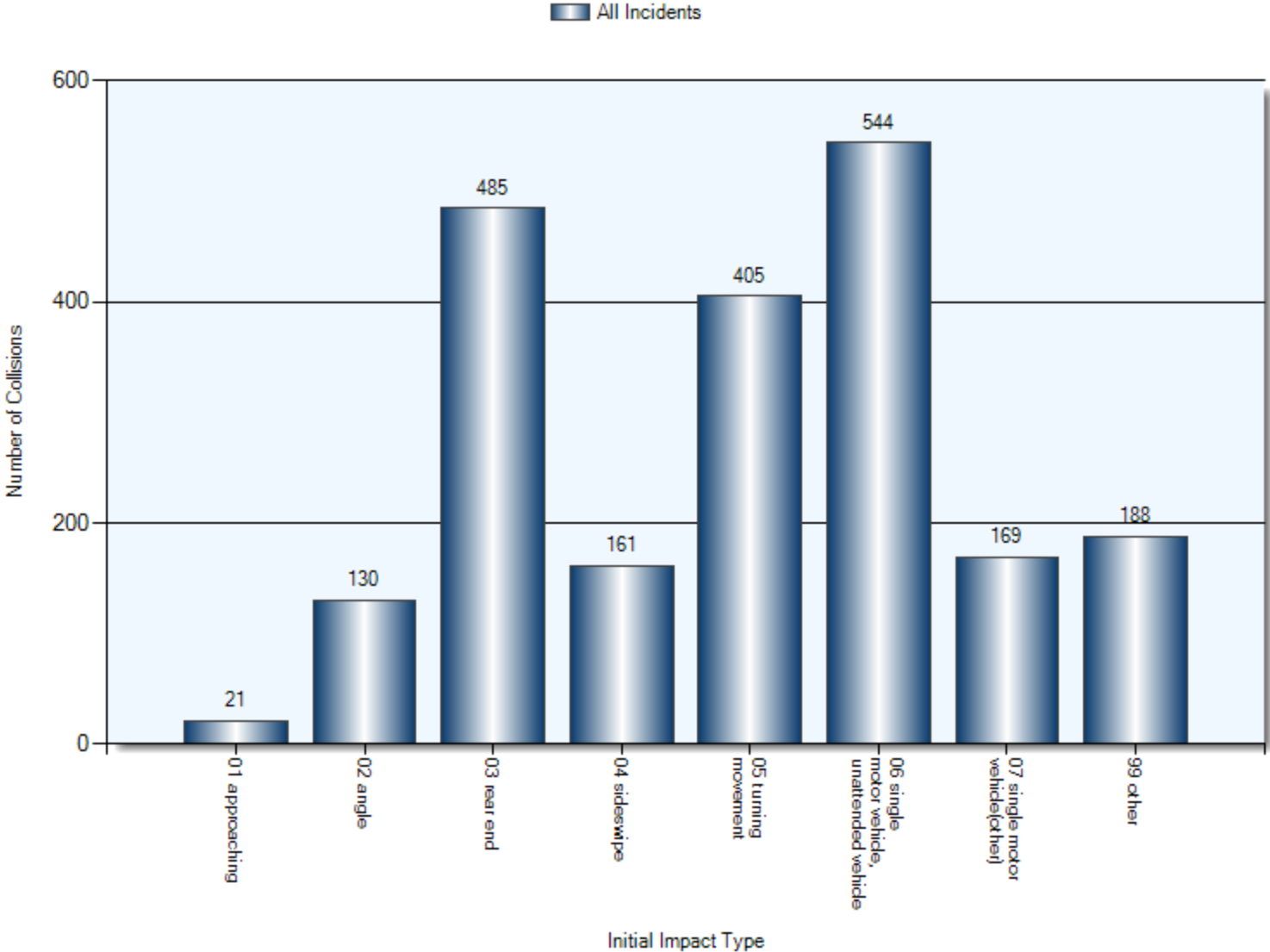
# Driver Conditions



# Vehicle Actions



# Initial Impact Type

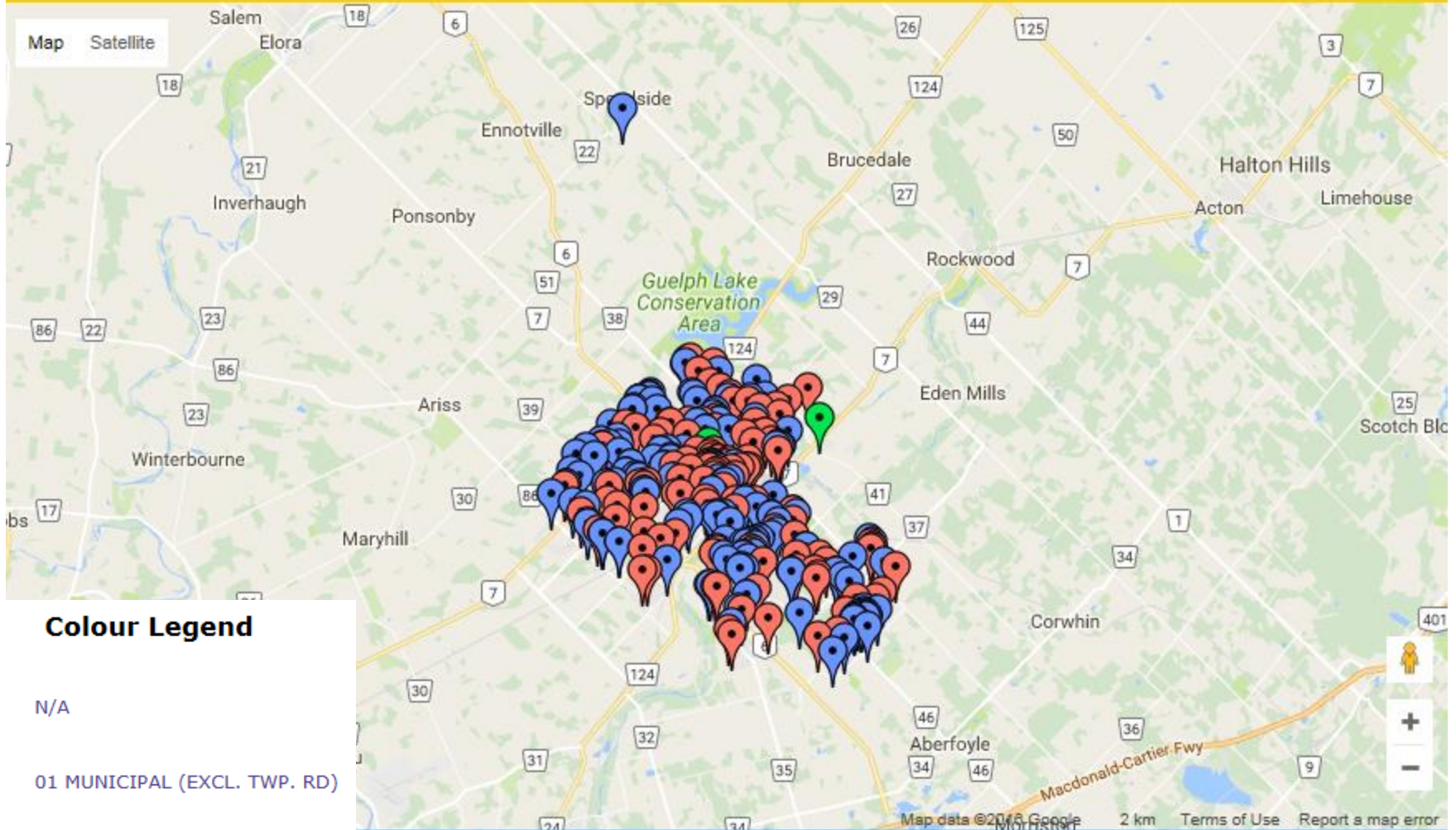


# January 1<sup>st</sup> – September 30<sup>th</sup> 2016 Q3

## Collisions Involving FTR

Total Incidents: 349 | Total Parties: 381

- Several incidents occur at the exact same location. Some markers may be obscured.



### Colour Legend



N/A



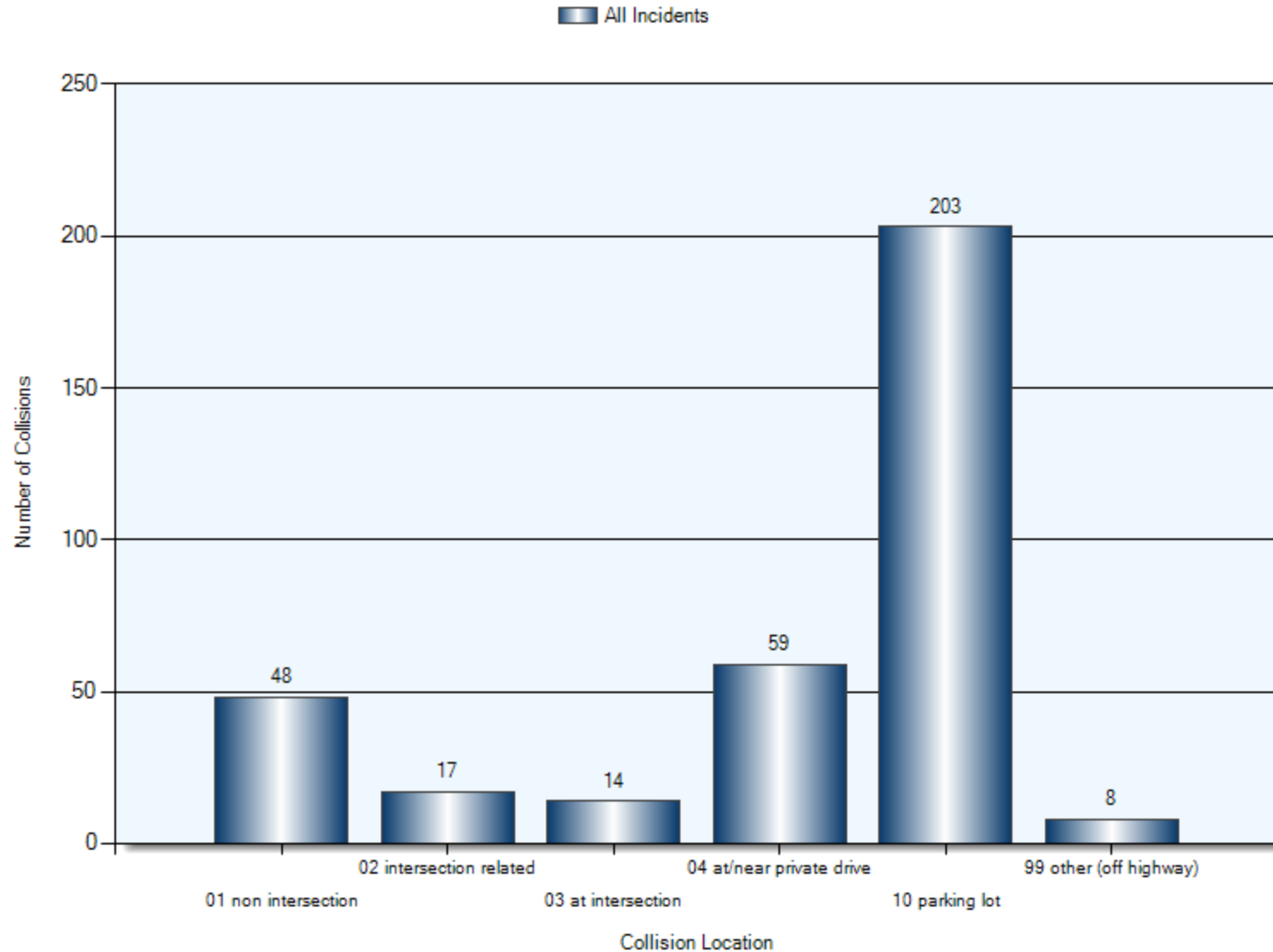
01 MUNICIPAL (EXCL. TWP. RD)



06 PRIVATE PROPERTY

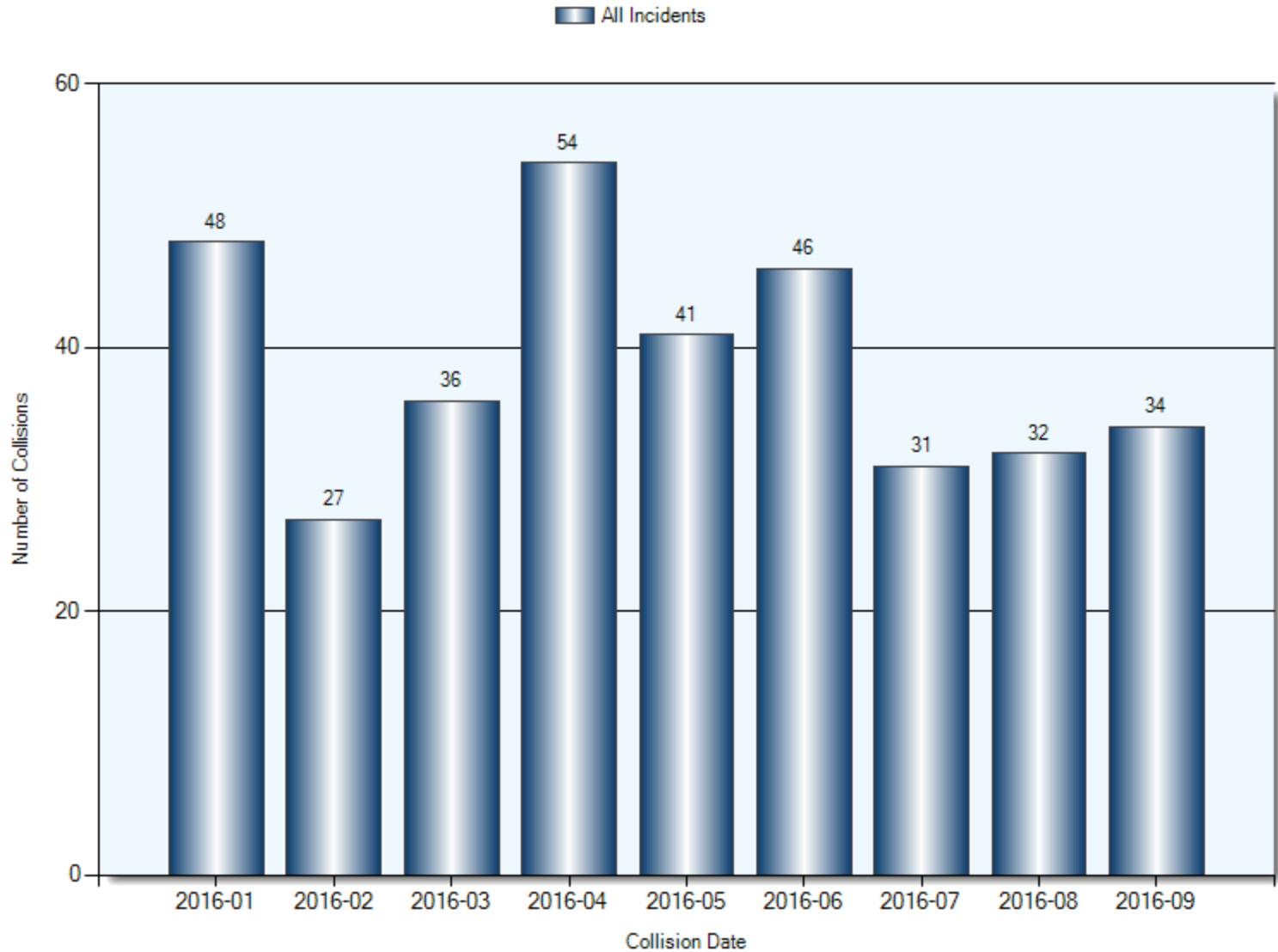
# Collisions Involving FTR

## Collision Location



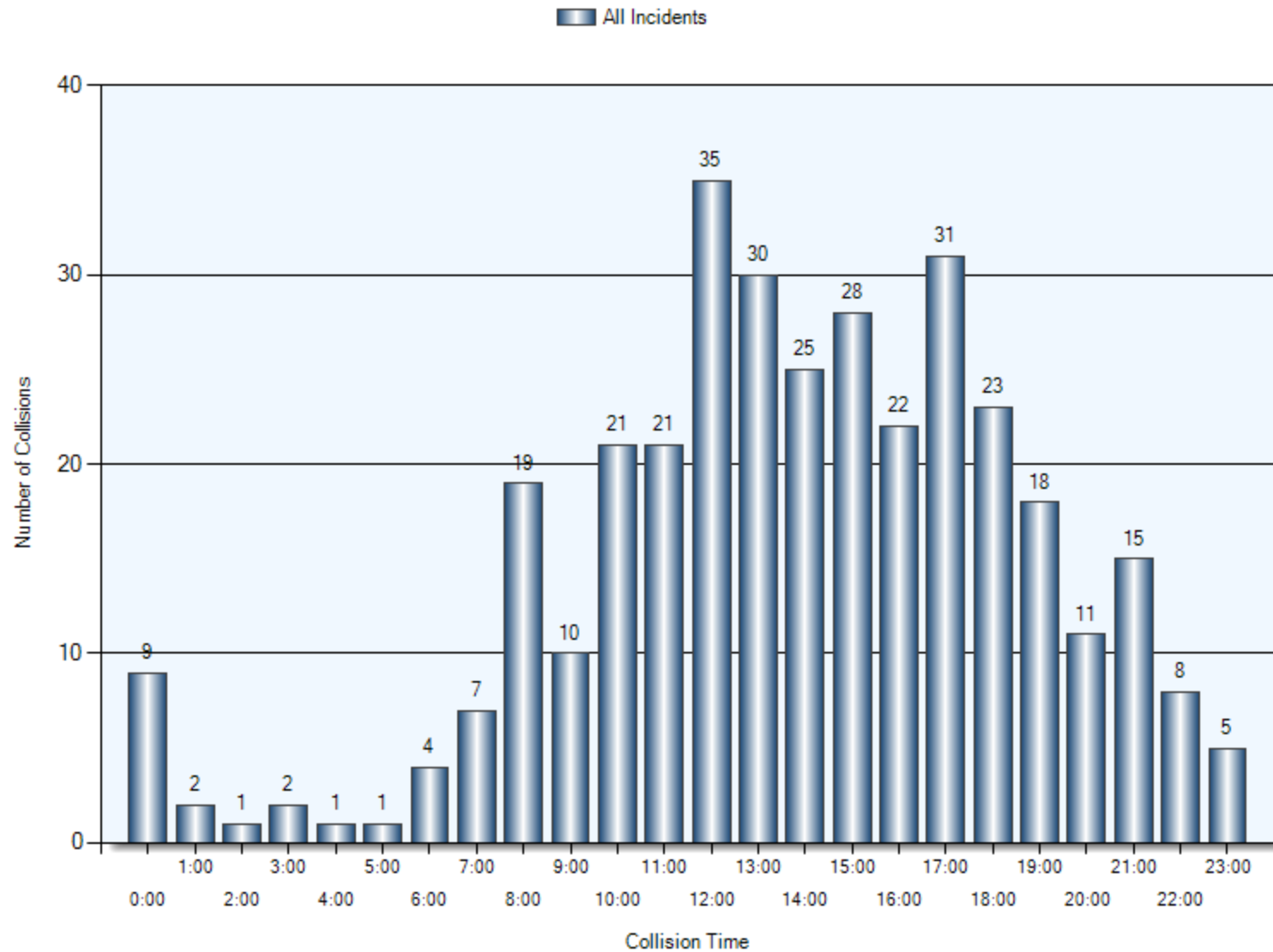
# Collisions Involving FTR

Collision Date



# Collisions Involving FTR

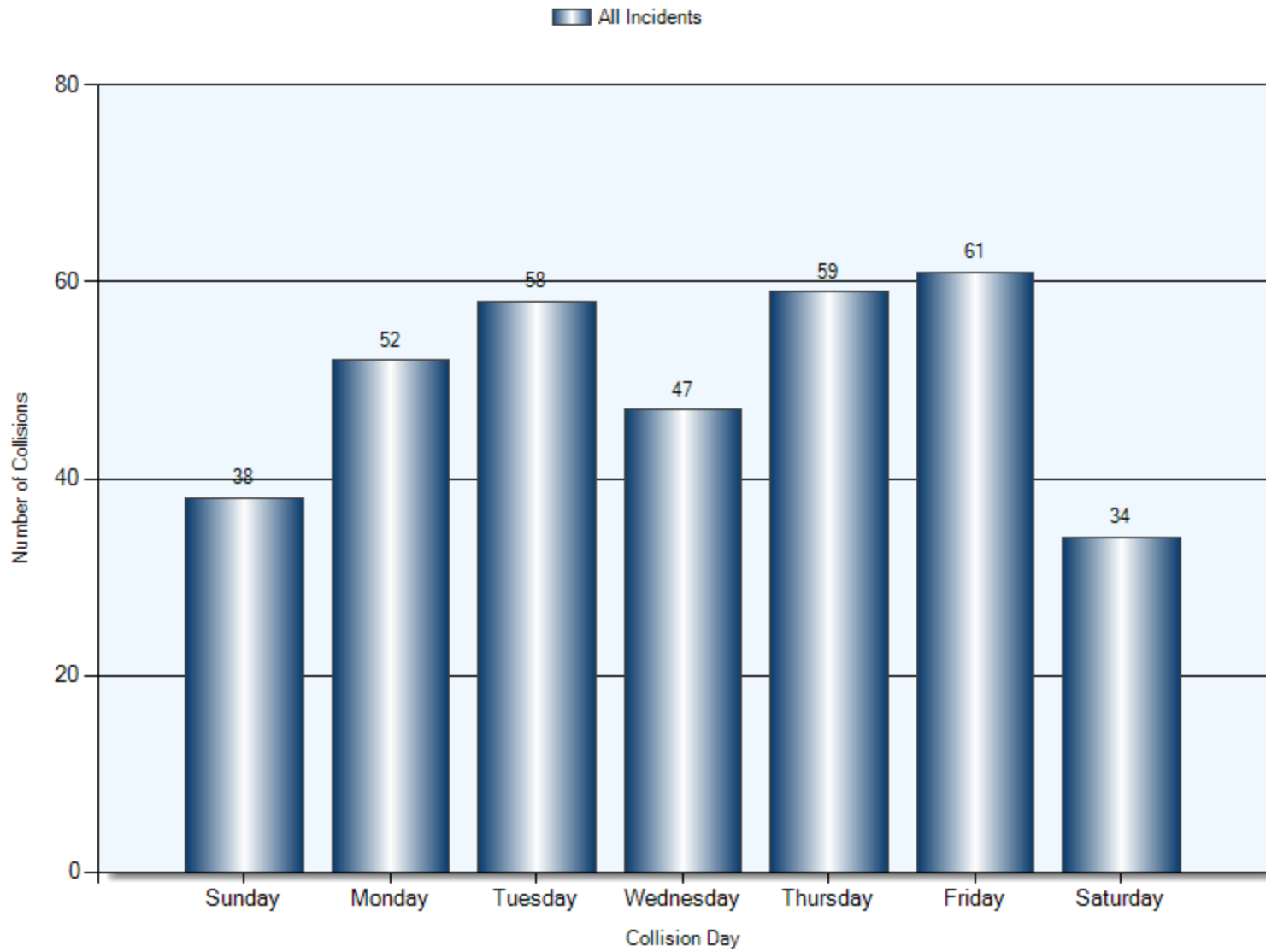
## Collision Time





# Collisions Involving FTR

## Collision Day

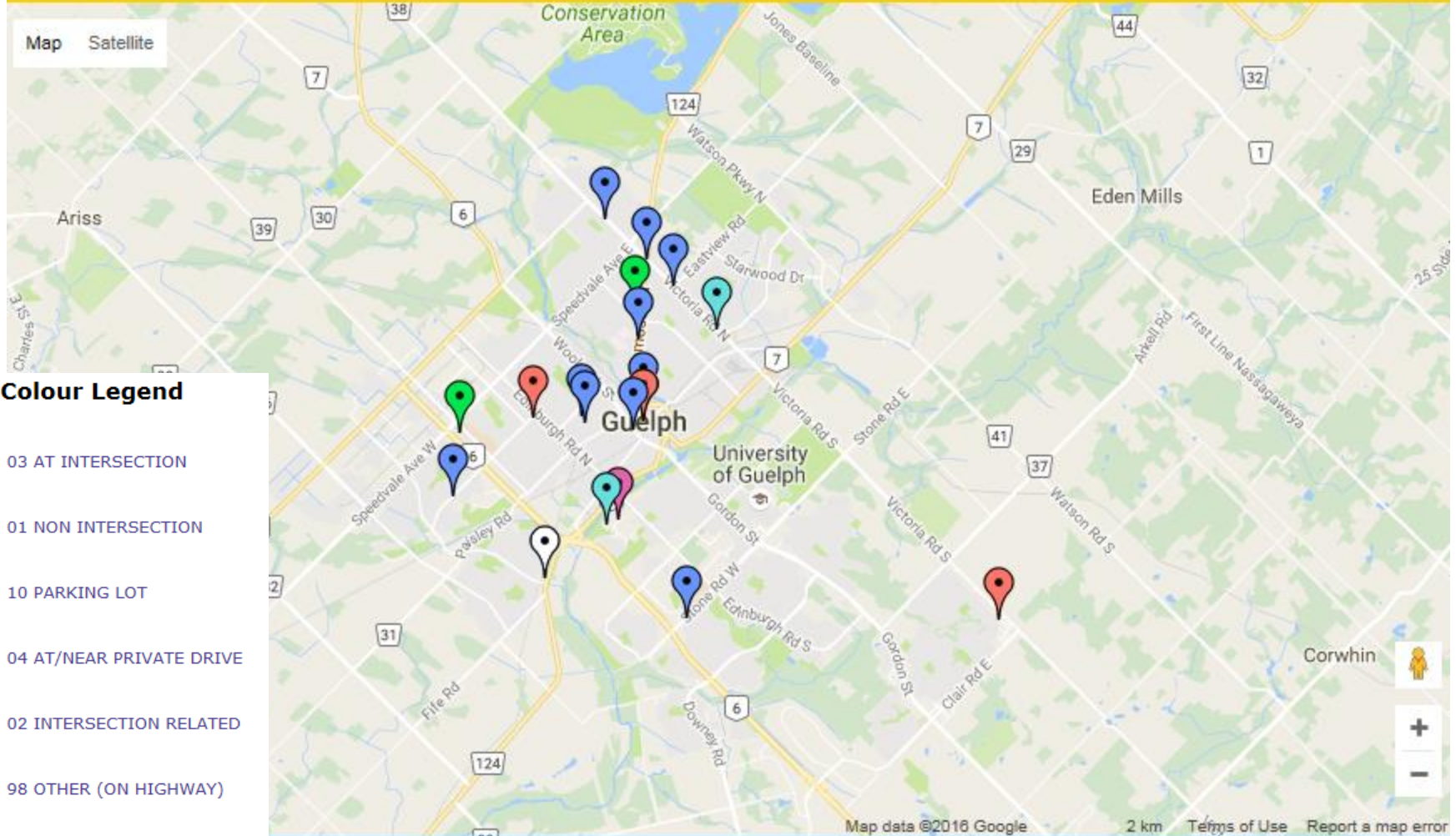


# January 1<sup>st</sup> – September 30<sup>th</sup> 2016 Q3

## Collisions Involving Pedestrians

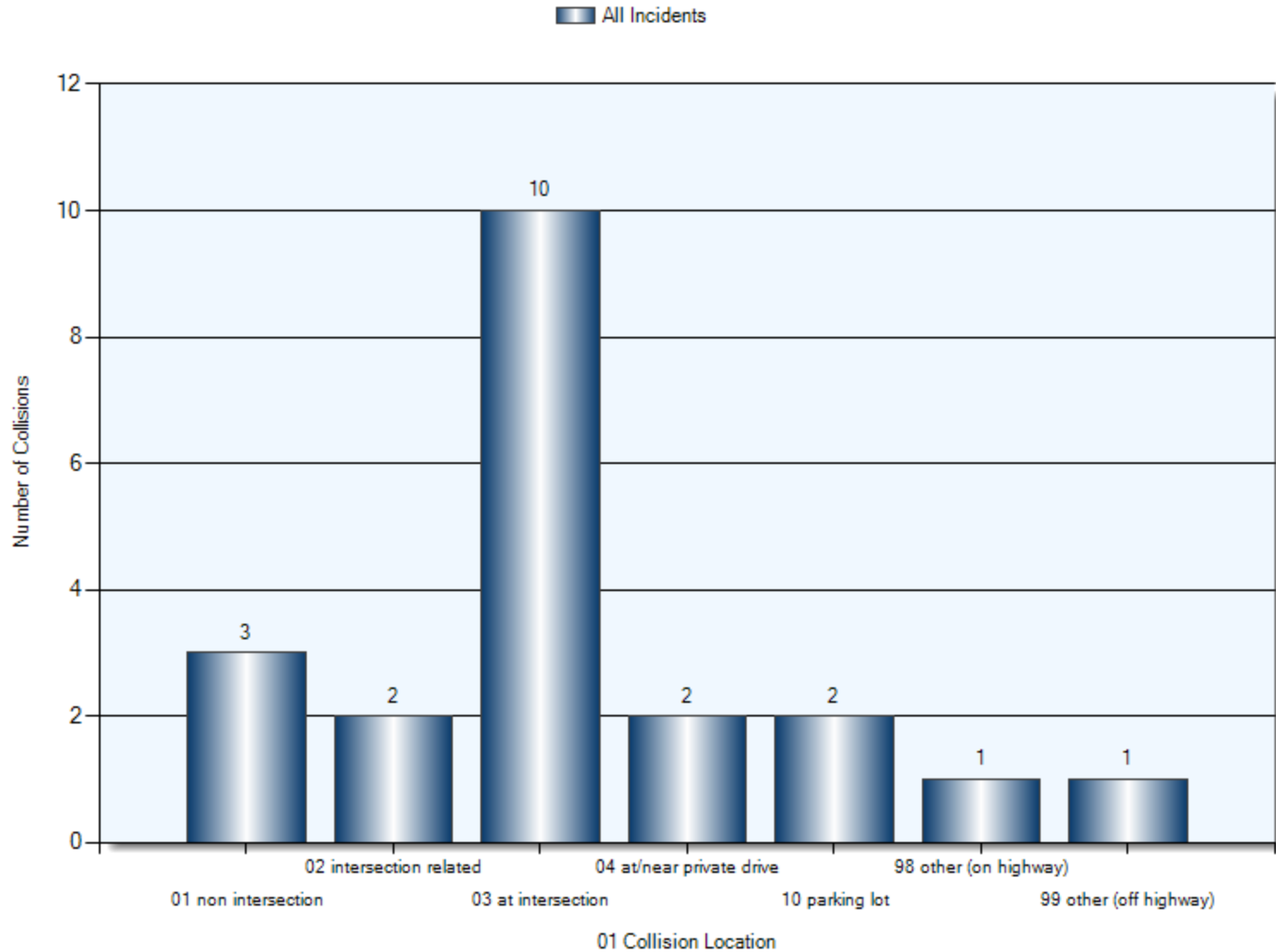
Total Incidents: 21 | Total Parties: 21

- Several incidents occur at the exact same location. Some markers may be obscured.



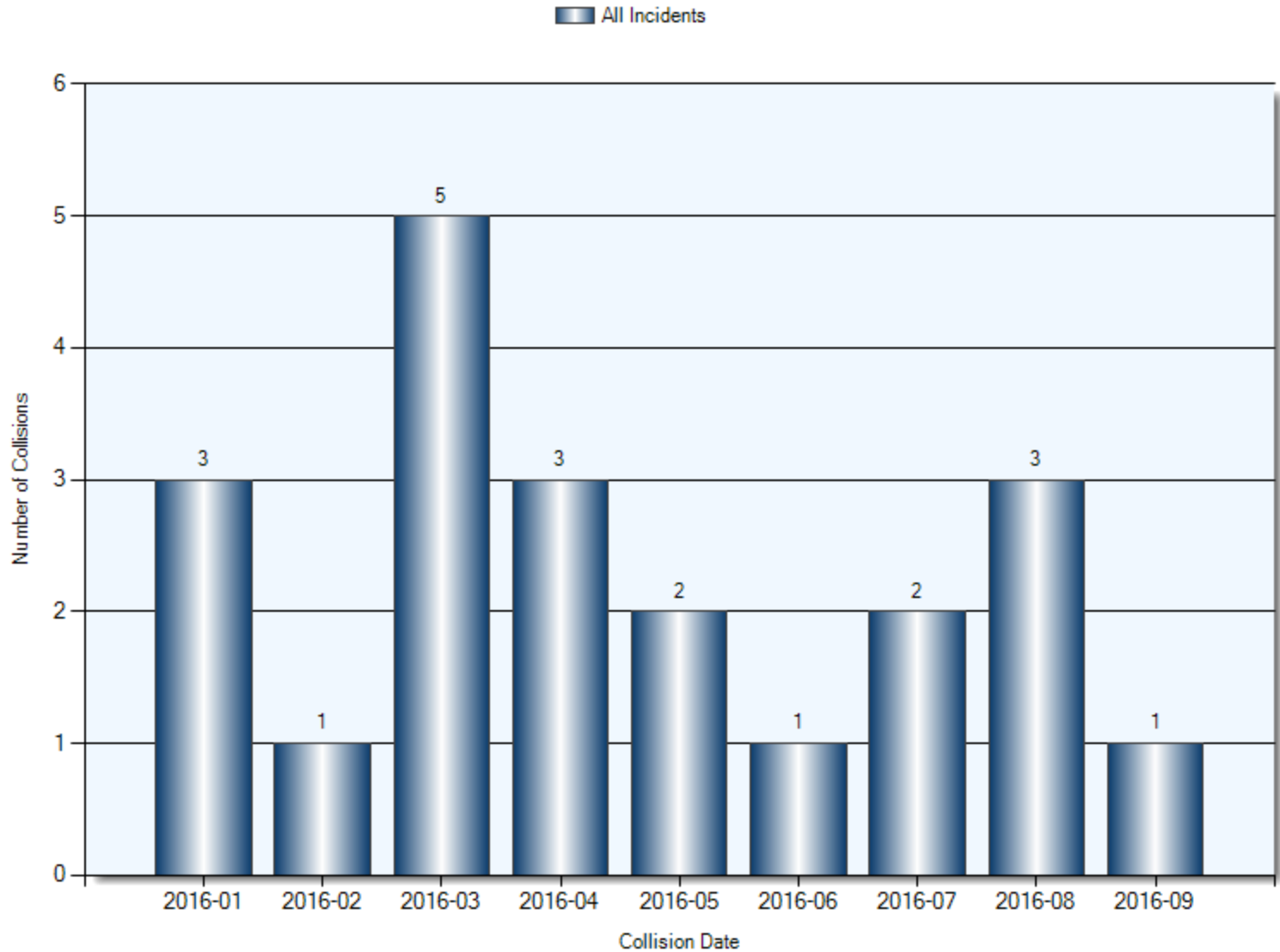
# Collisions Involving Pedestrians

## Collision Location



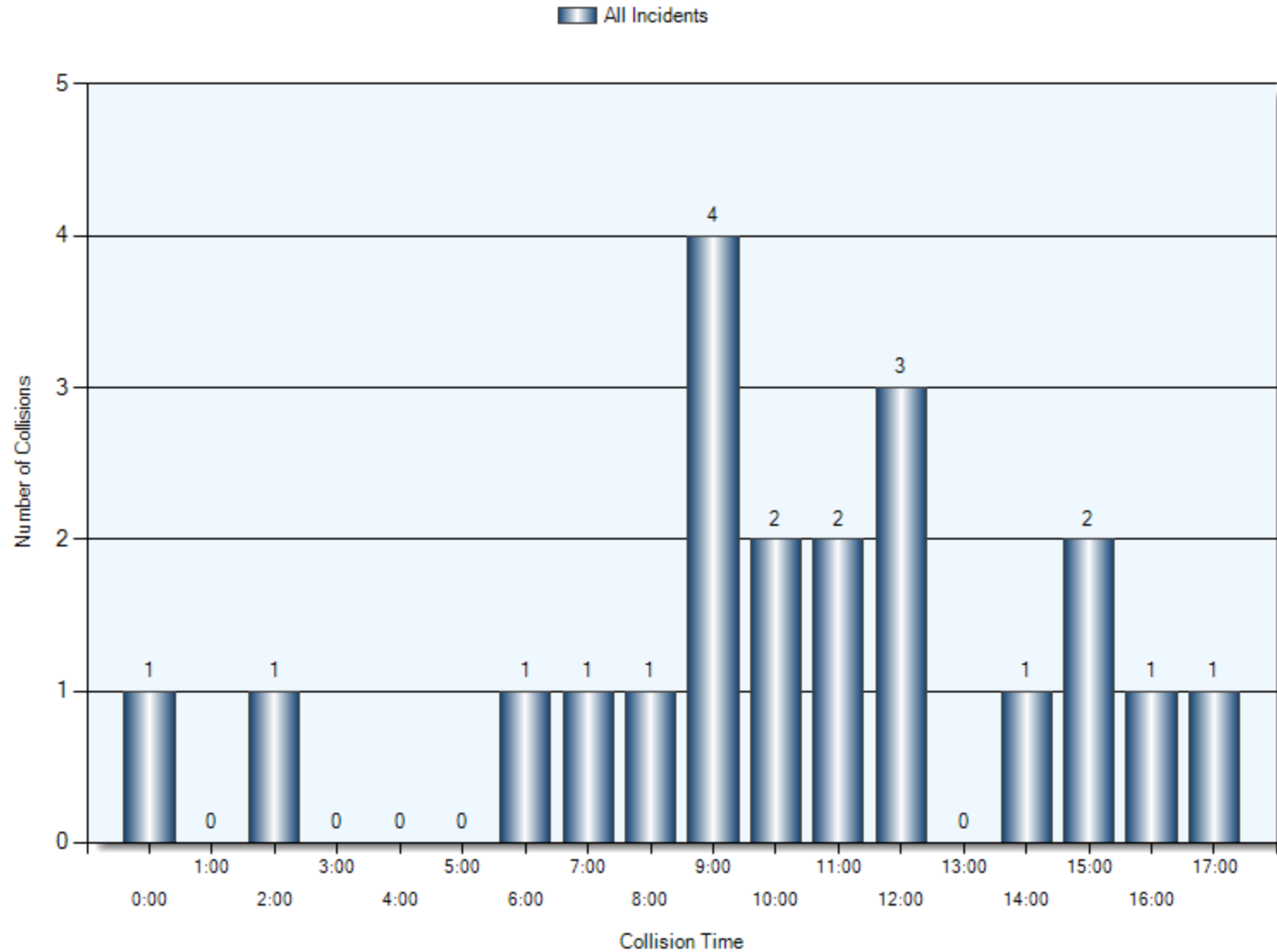
# Collisions Involving Pedestrians

Collision Date



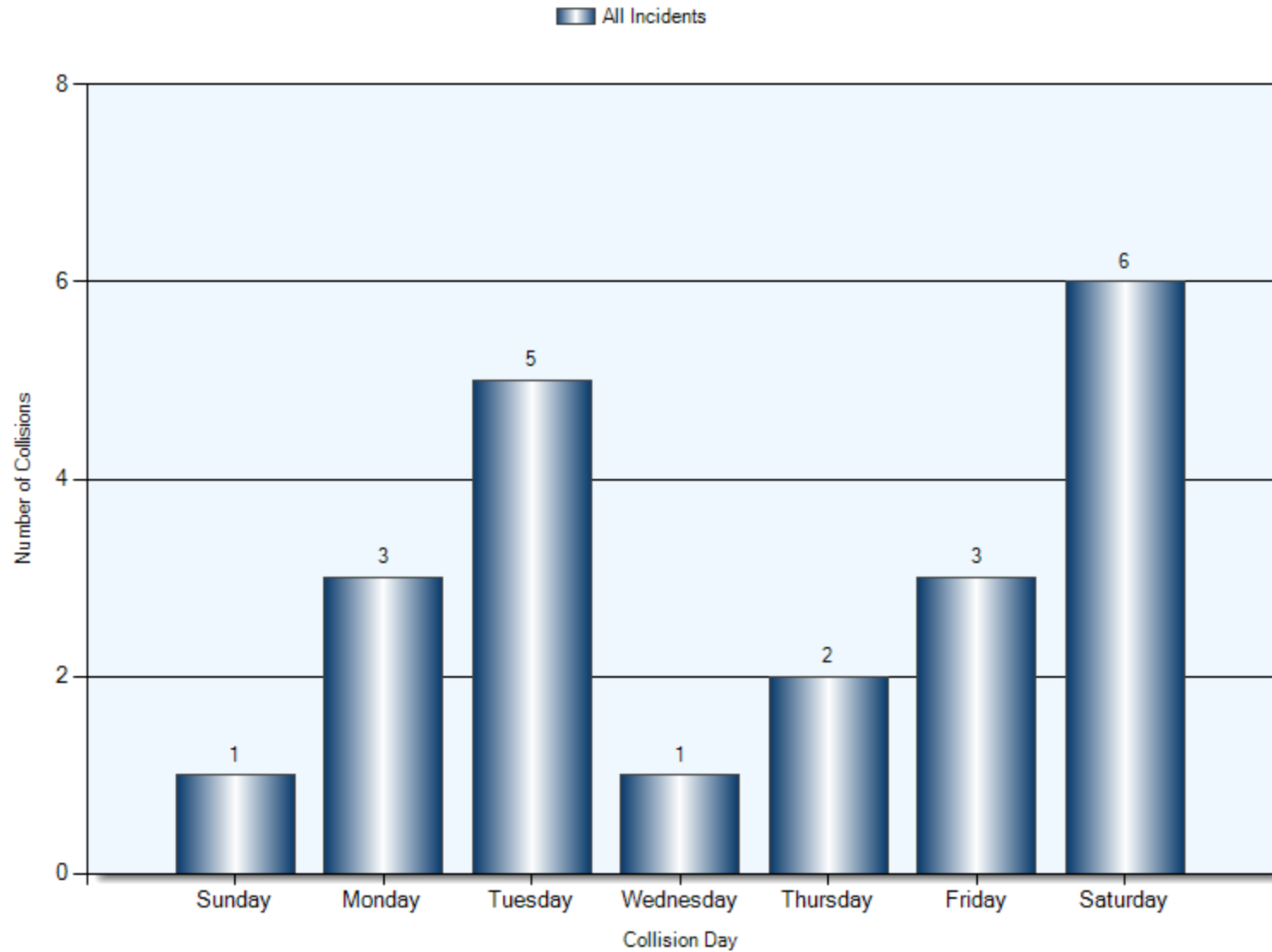
# Collisions Involving Pedestrians

## Collision Time



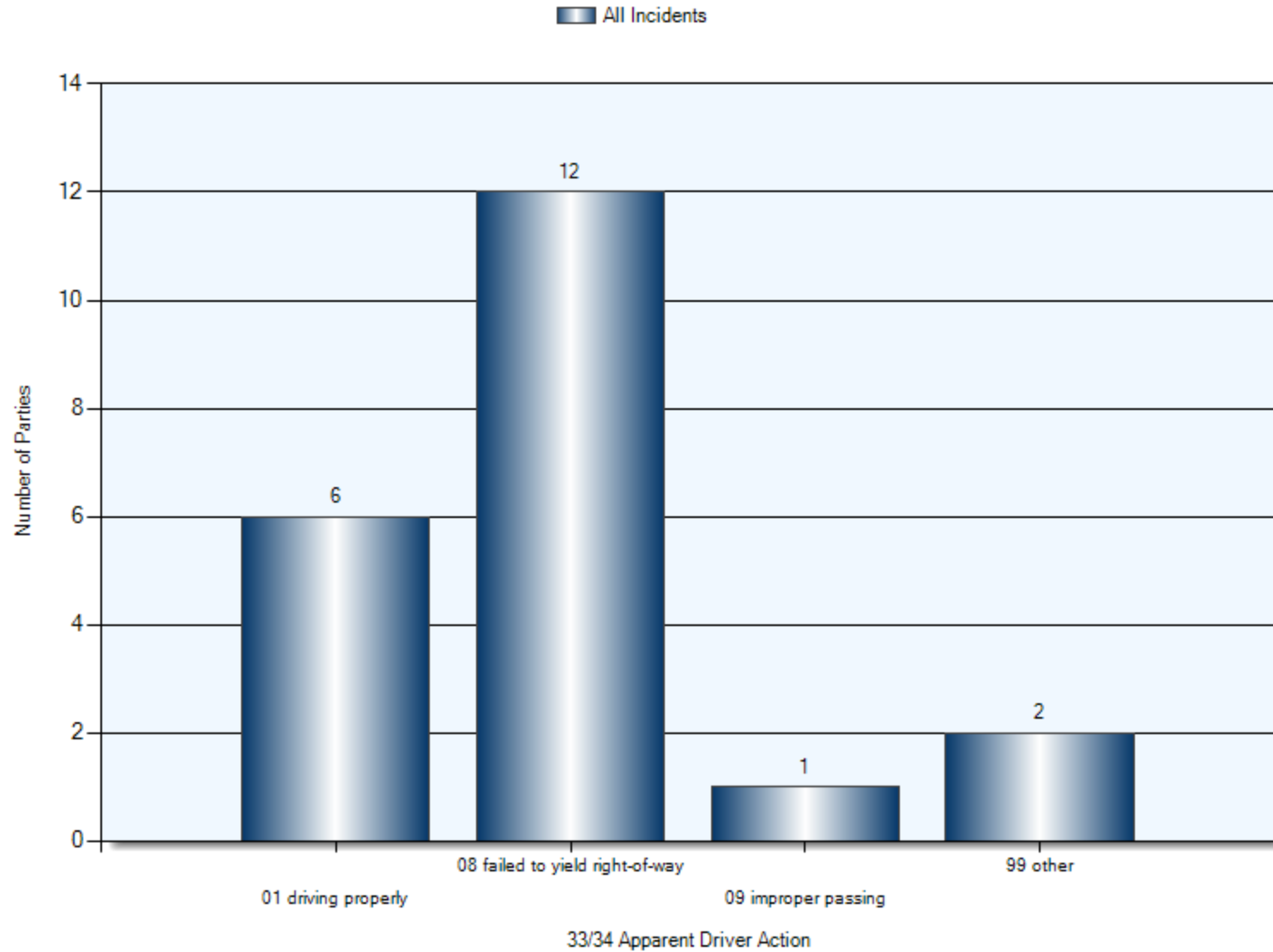
# Collisions Involving Pedestrians

## Collision Day



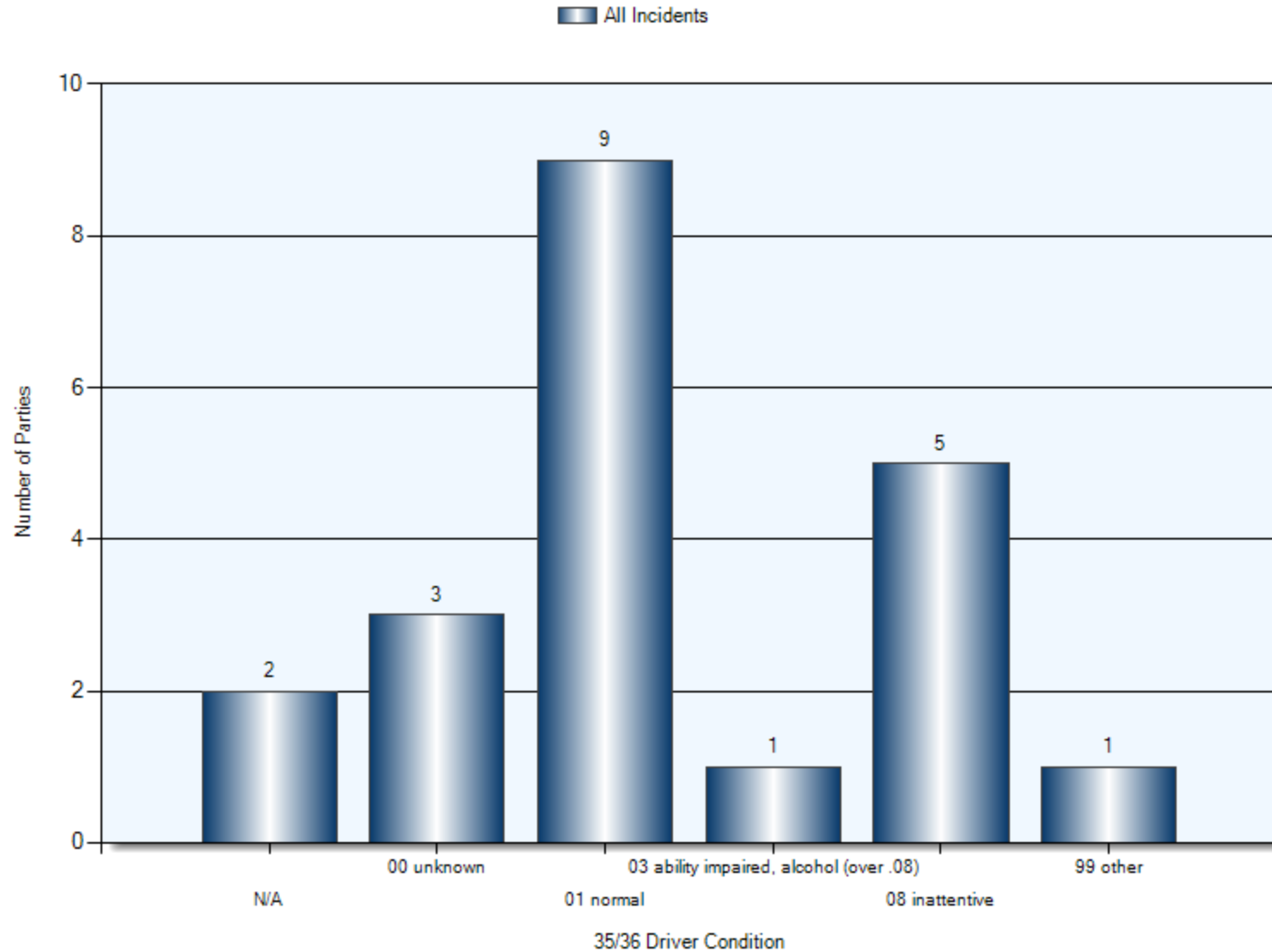
# Collisions Involving Pedestrians

## Driver Actions



# Collisions Involving Pedestrians

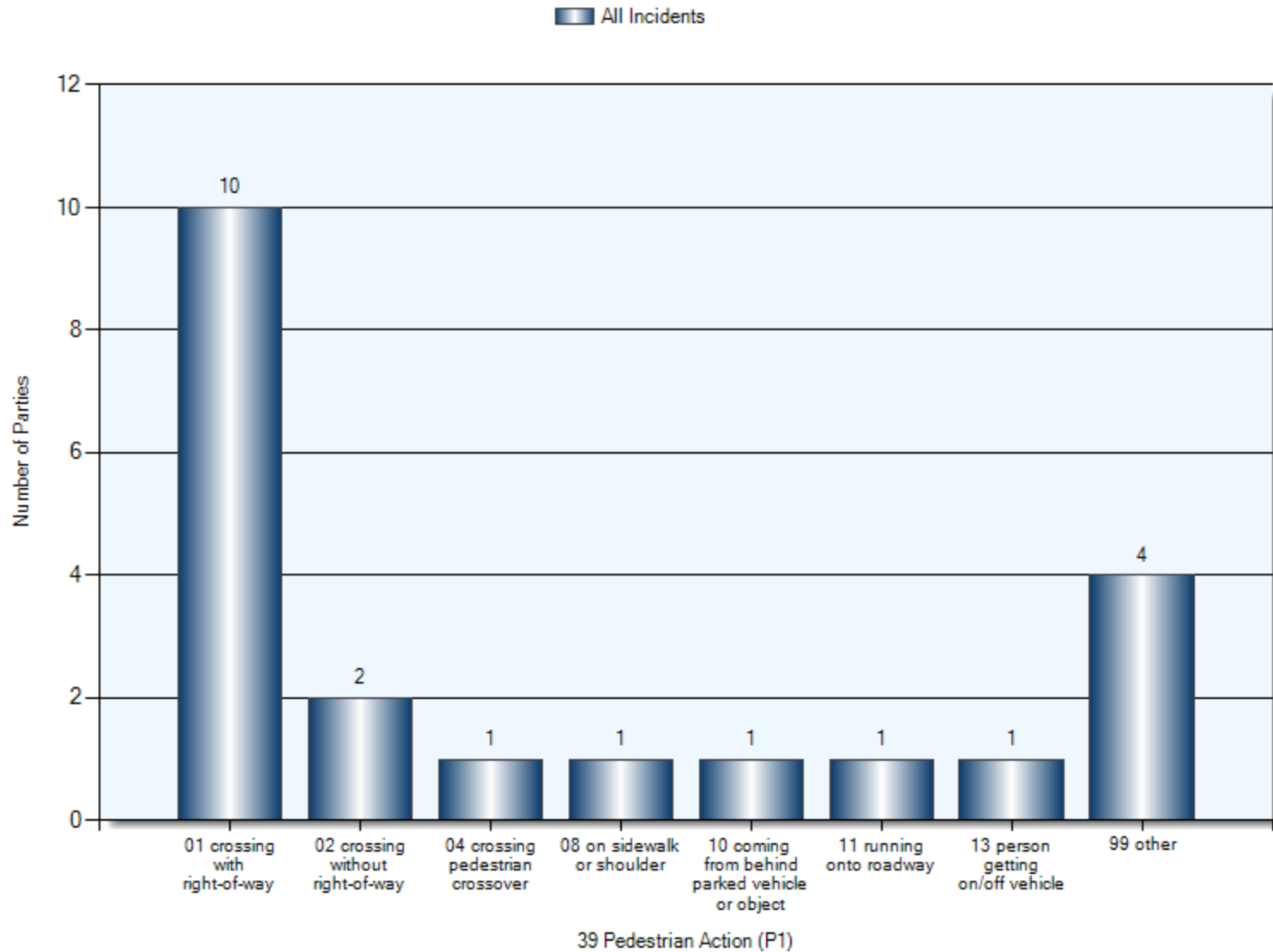
## Driver Conditions





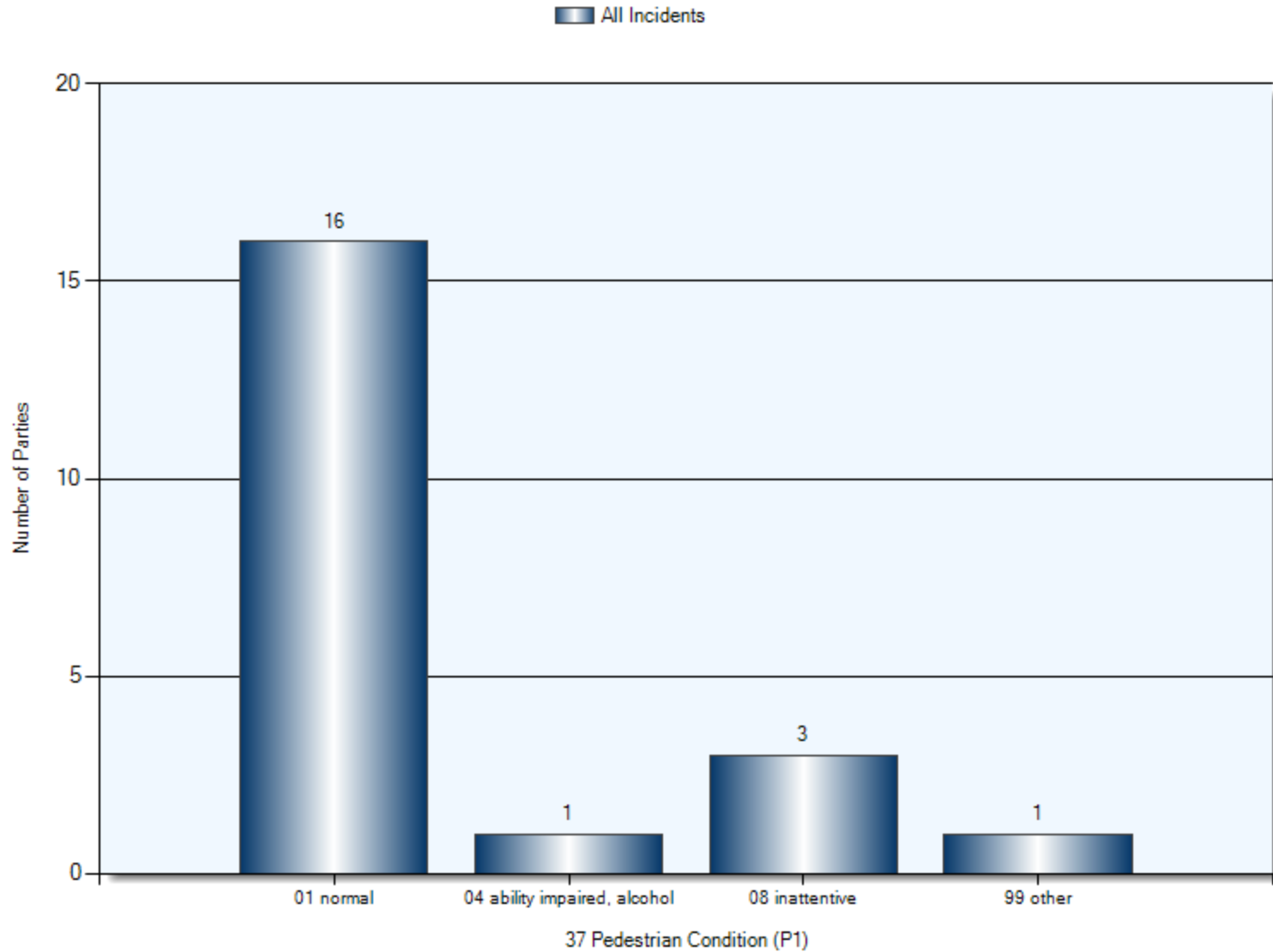
# Collisions Involving Pedestrians

## Pedestrian Actions (P1)



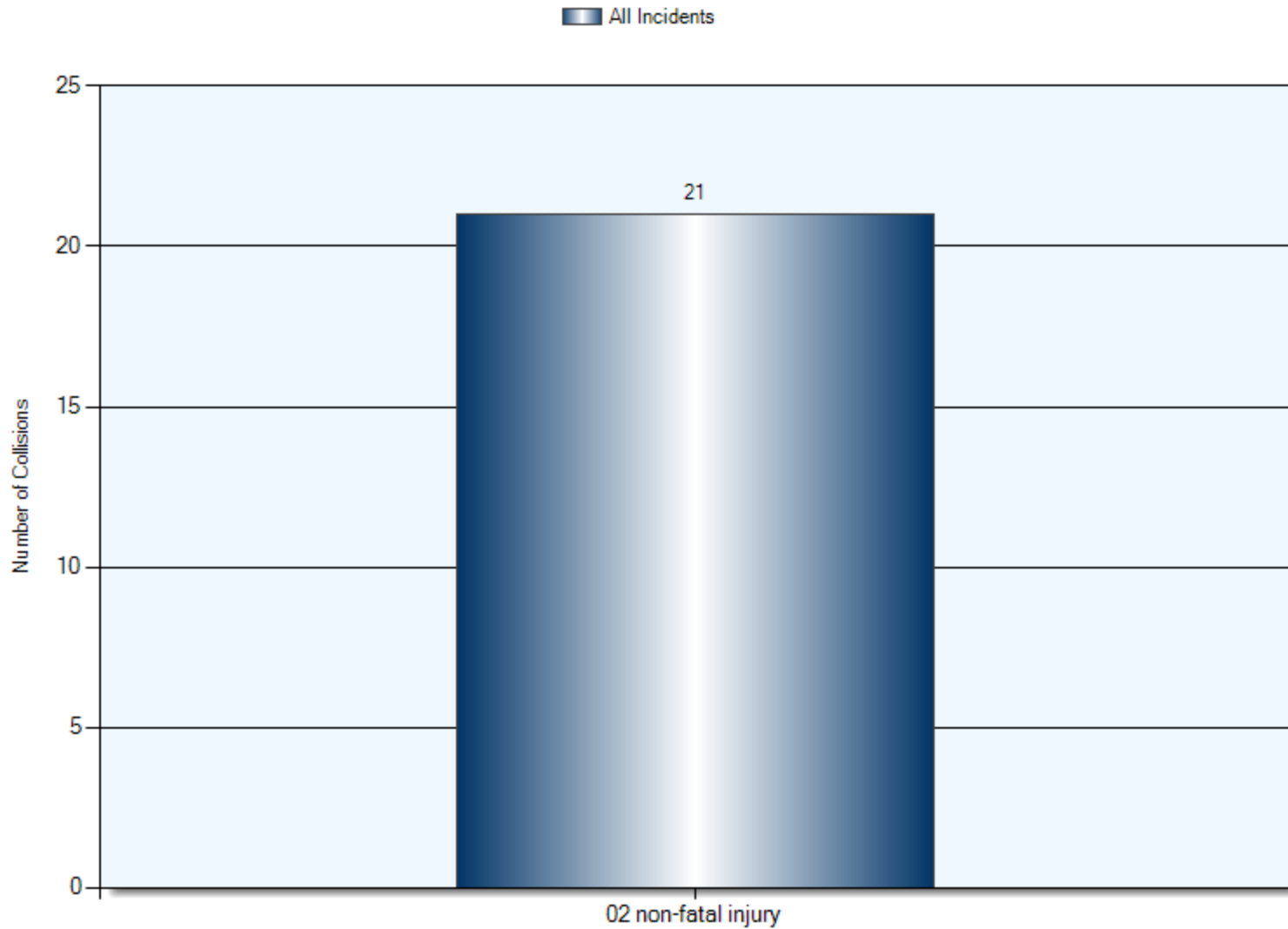
# Collisions Involving Pedestrians

## Pedestrian Conditions (P1)



# Collisions Involving Pedestrians

## Classification of Collision



# Collisions Involving Pedestrians

## Top Intersections

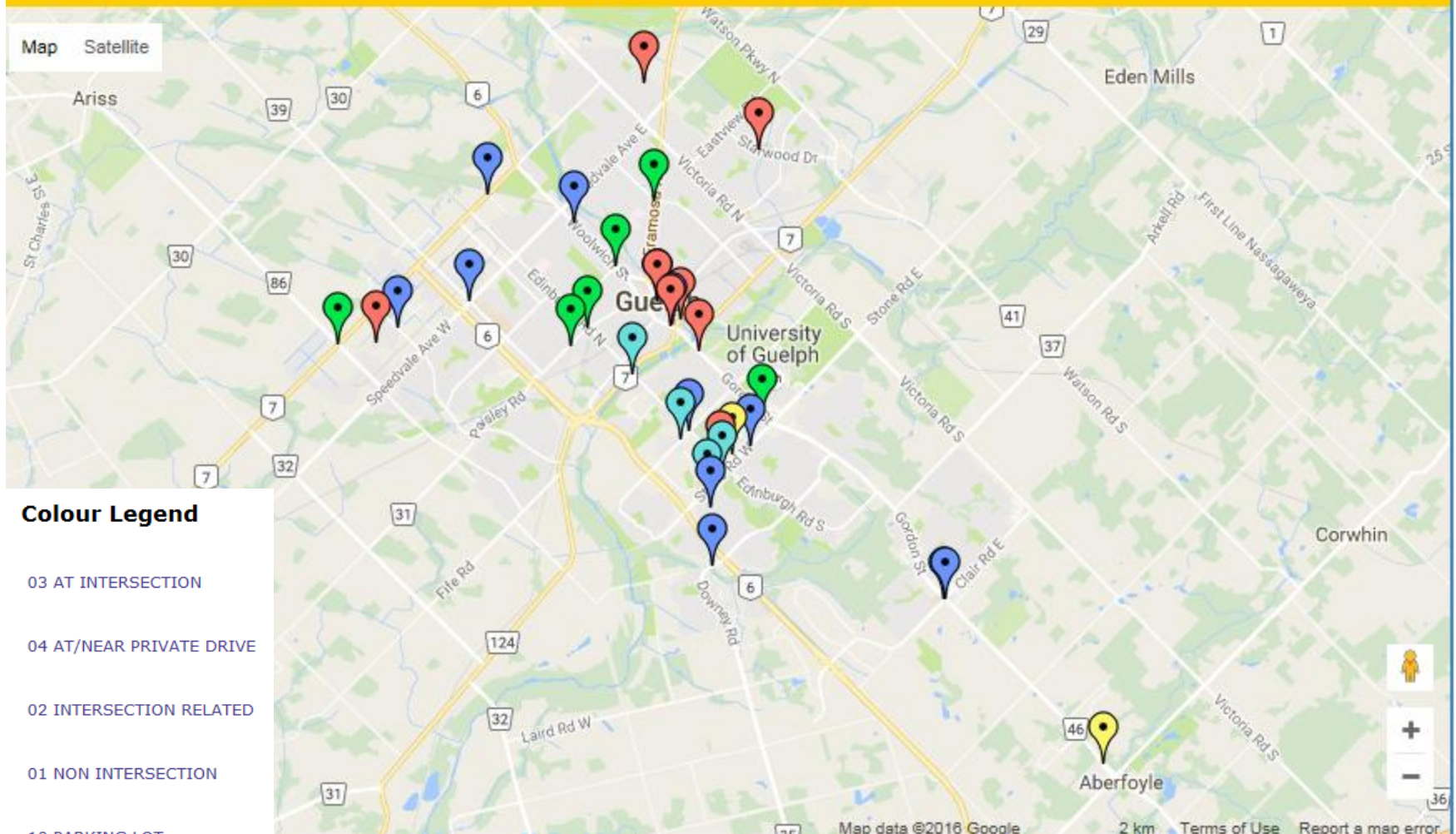
Intersection ▼	Incidents	Parties
NON-INTERSECTION	2	2
MACDONELL ST & WYNDHAM ST N	2	2
ROYAL RD & SPEEDVALE AVE W	1	1
EASTVIEW RD & VICTORIA RD N	1	1
SCOTTSDALE DR & STONE RD W	1	1
WESTWOOD RD & WILLOW RD	1	1
BRANT AVE & VICTORIA RD N	1	1
MACDONELL ST & NORFOLK ST	1	1
ERAMOS RD & VICTORIA RD N	1	1
IMPERIAL RD S & WELLINGTON ST W	1	1

# January 1<sup>st</sup> – September 30<sup>th</sup> 2016 Q3

## Collisions Involving Cyclists

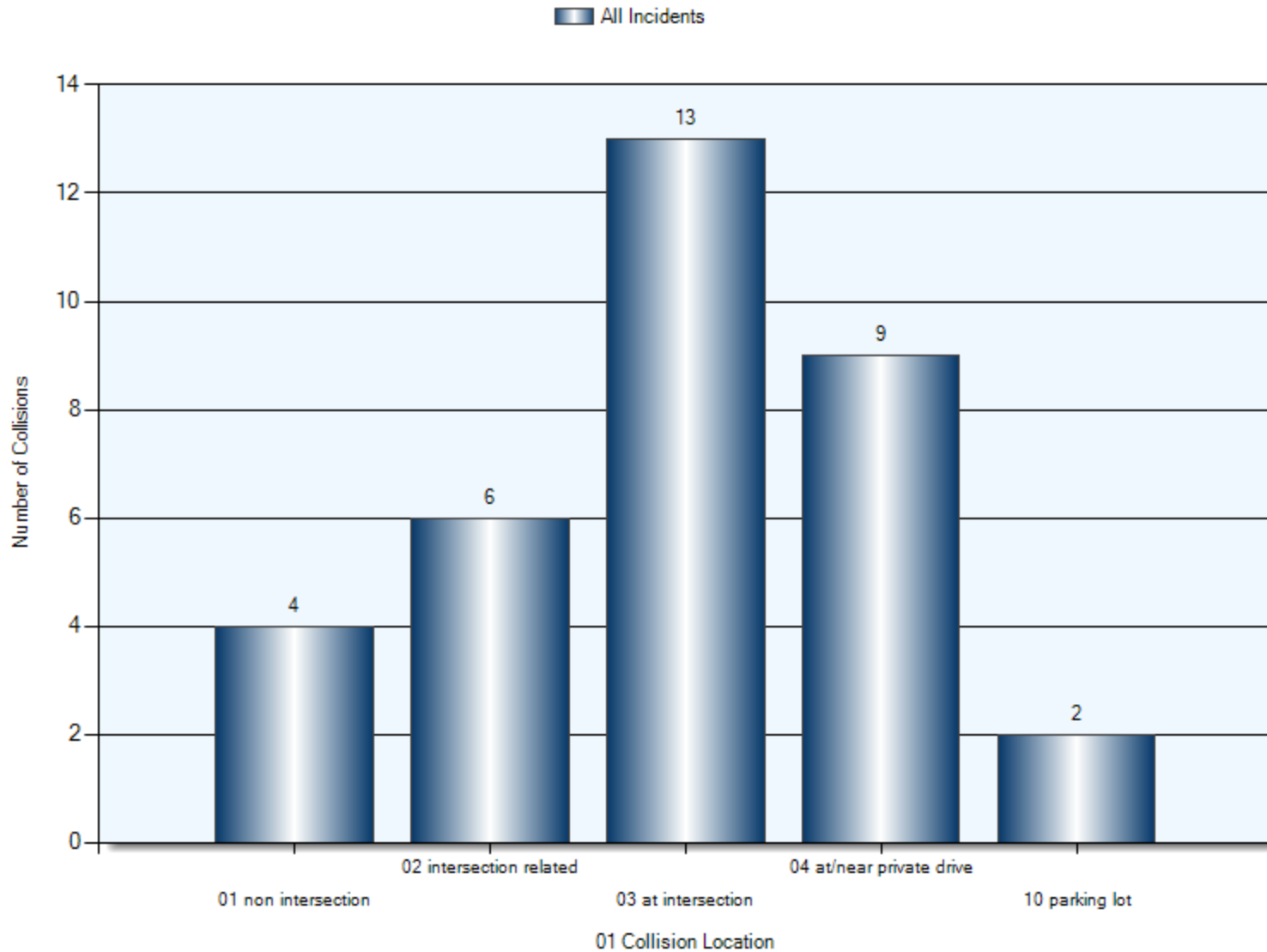
Total Incidents: 34 | Total Parties: 34

- 1 incidents are missing geographic information and could not be plotted.
- Several incidents occur at the exact same location. Some markers may be obscured.



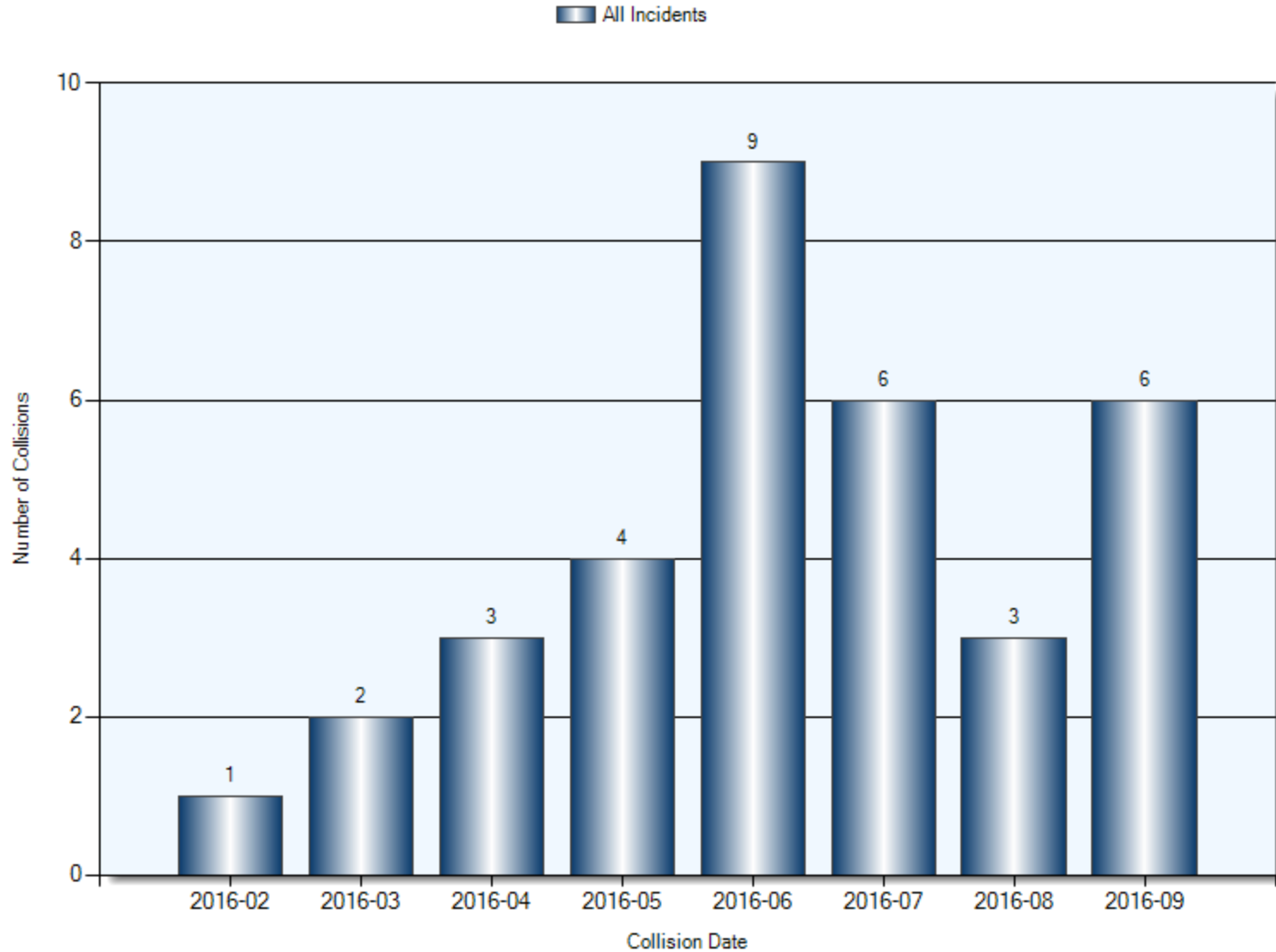
# Collisions Involving Cyclists

## Collision Location



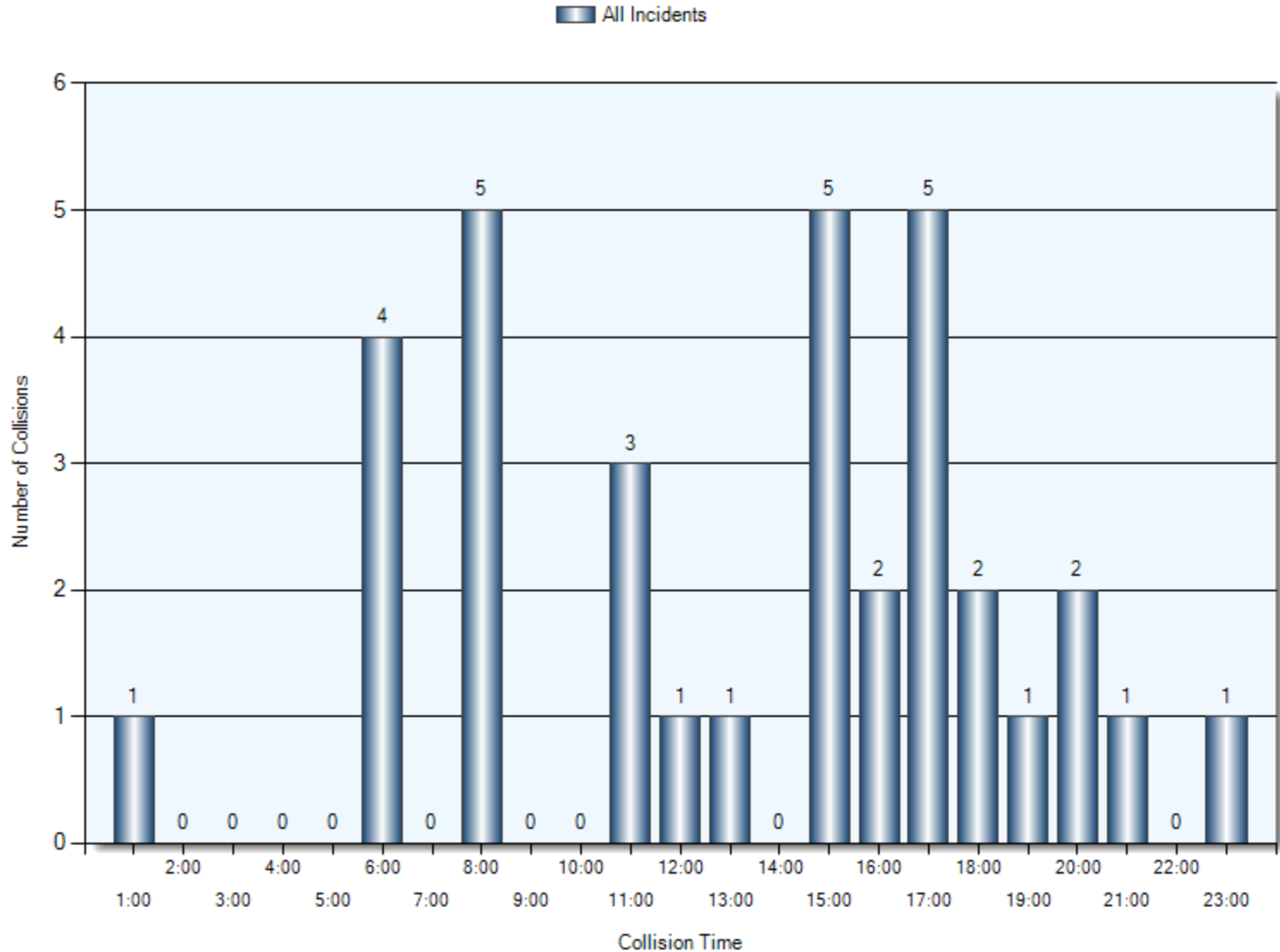
# Collisions Involving Cyclists

Collision Date



# Collisions Involving Cyclists

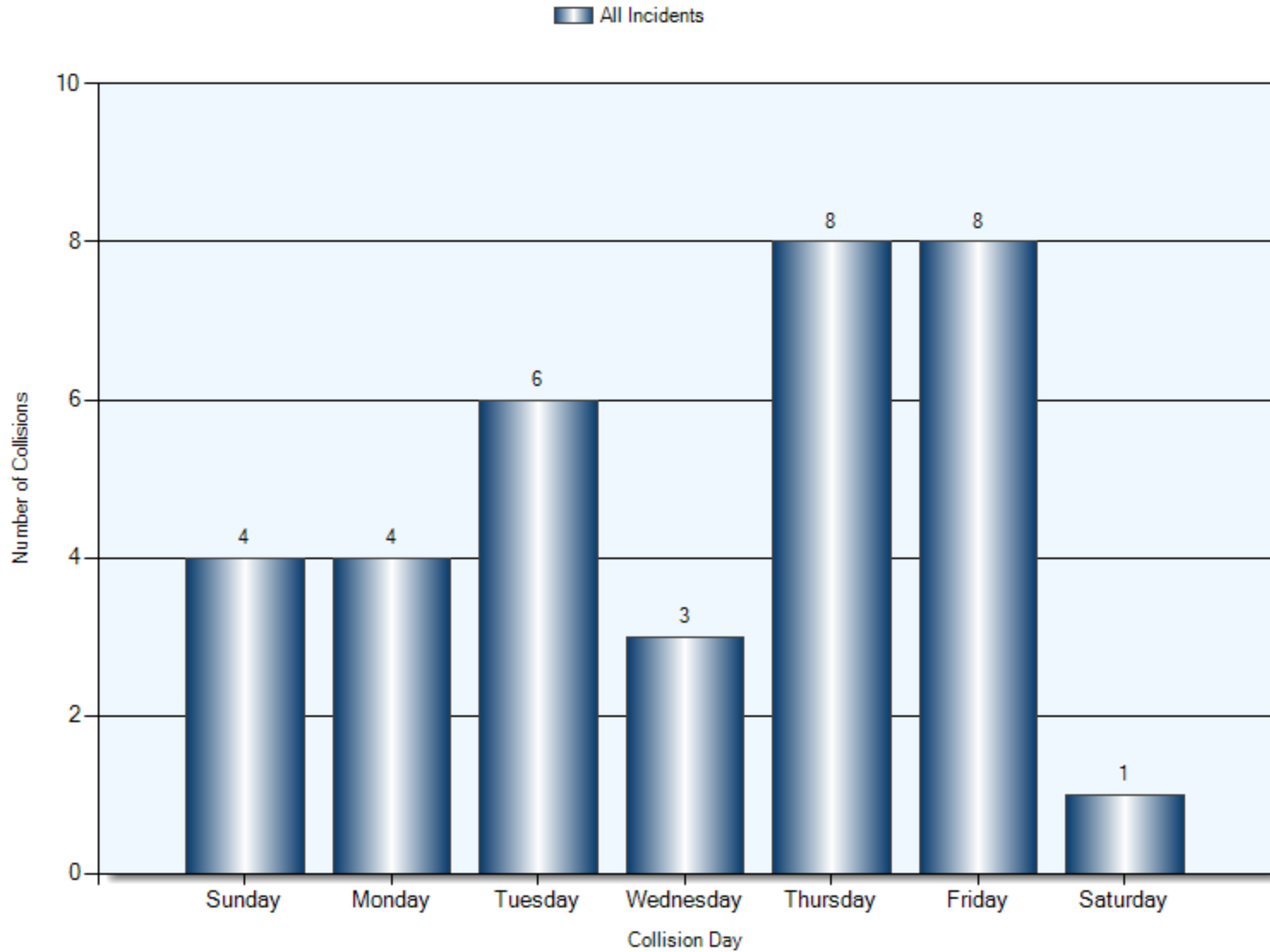
## Collision Time





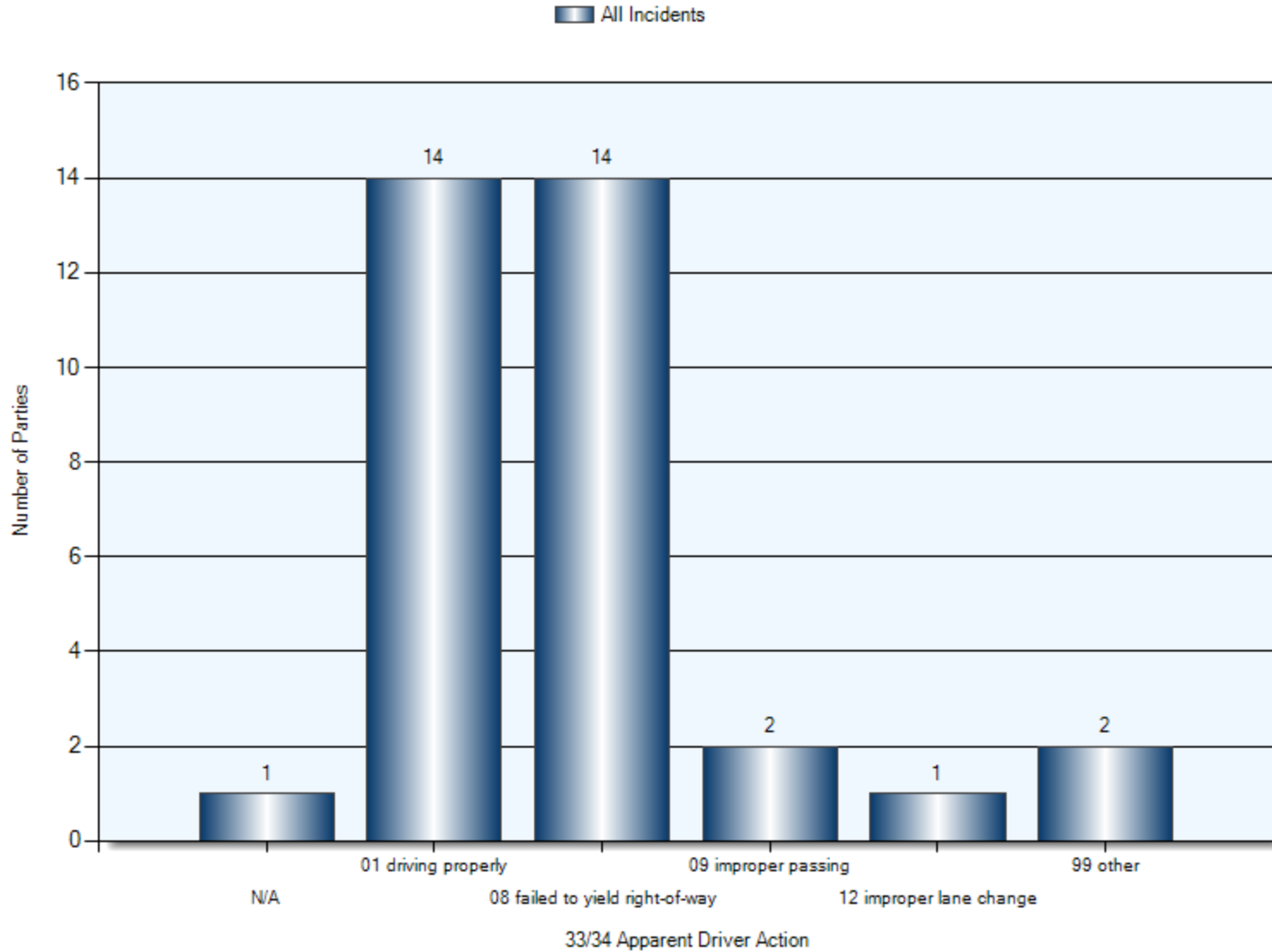
# Collisions Involving Cyclists

## Collision Day



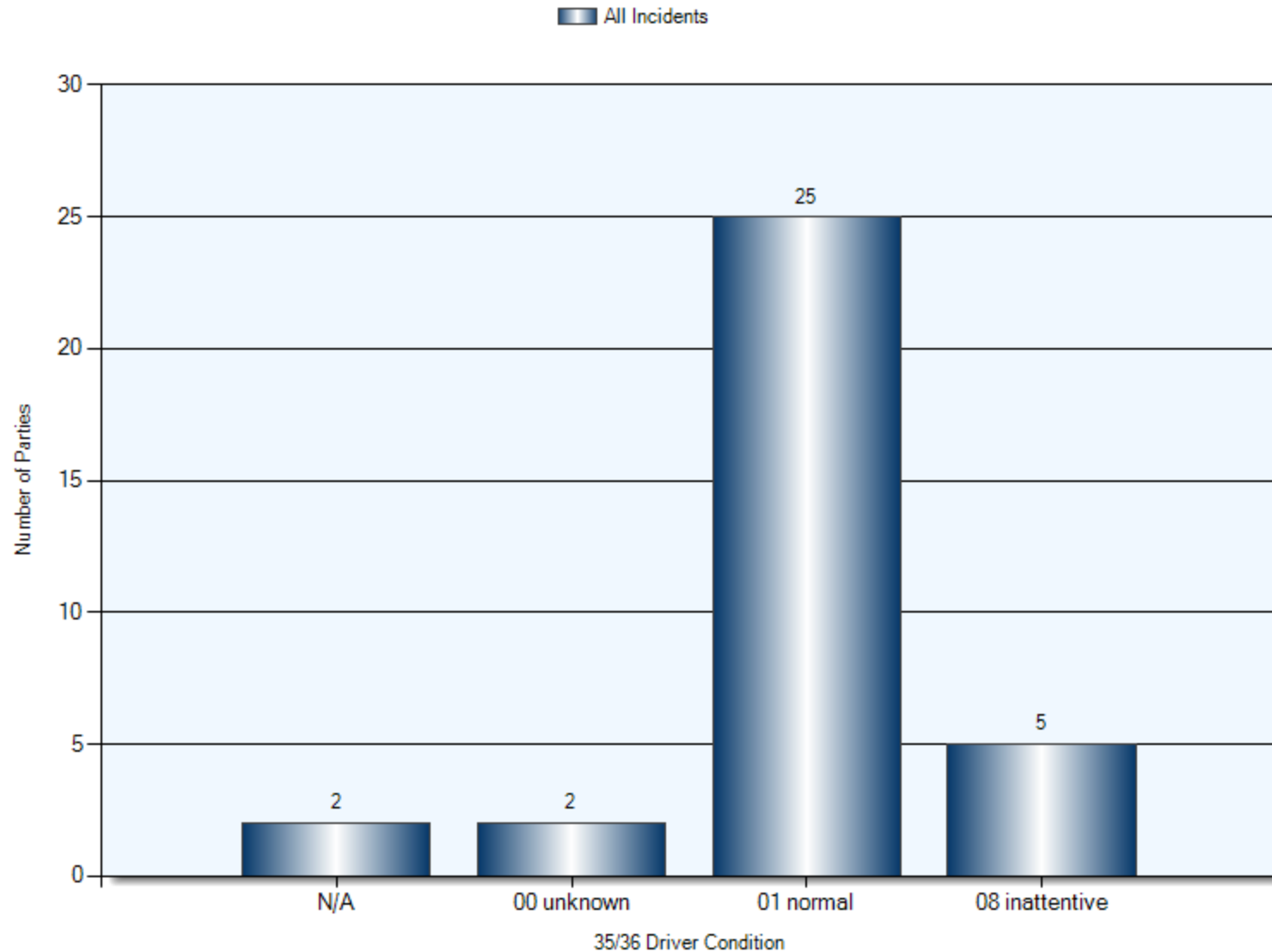
# Collisions Involving Cyclists

## Driver Actions



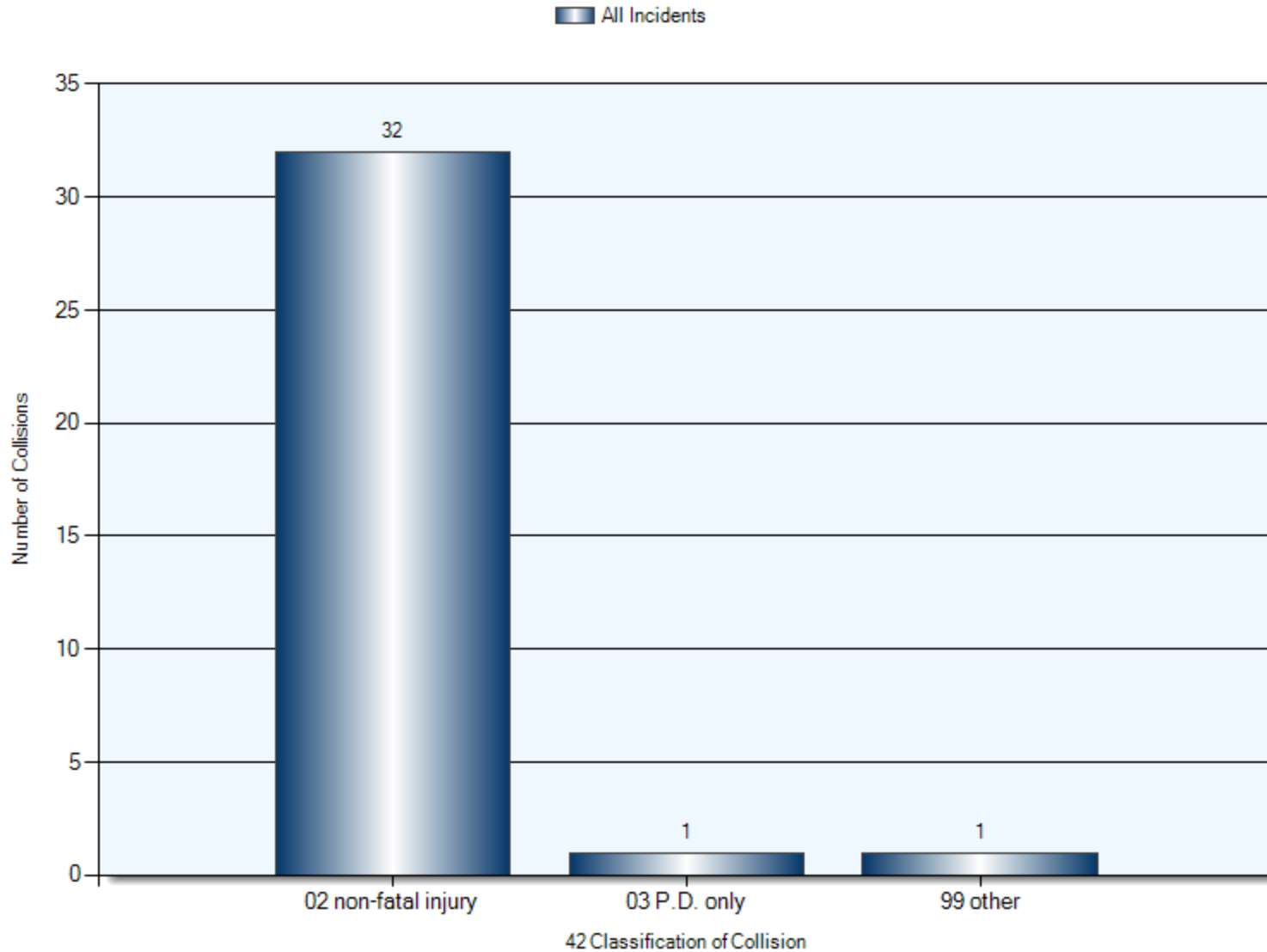
# Collisions Involving Cyclists

## Driver Conditions



# Collisions Involving Cyclists

## Classification of Collision



# Collisions Involving Cyclists

## Top Intersections

Intersection ▼	Incidents	Parties
NON-INTERSECTION	2	2
IMPERIAL RD N & MASSEY RD	2	2
GORDON ST & SURREY ST E	2	2
SURREY ST E & WYNDHAM ST S	1	1
STULL AVE & WOOLWICH ST	1	1
ELMIRA RD N & WOODLAWN RD W	1	1
MACDONELL ST & WELLINGTON ST E	1	1
COLE RD & SCOTTSDALE DR	1	1
KNIGHTSWOOD BLVD & SPEEDVALE AVE E	1	1
GORDON ST & SOUTH RING RD W	1	1

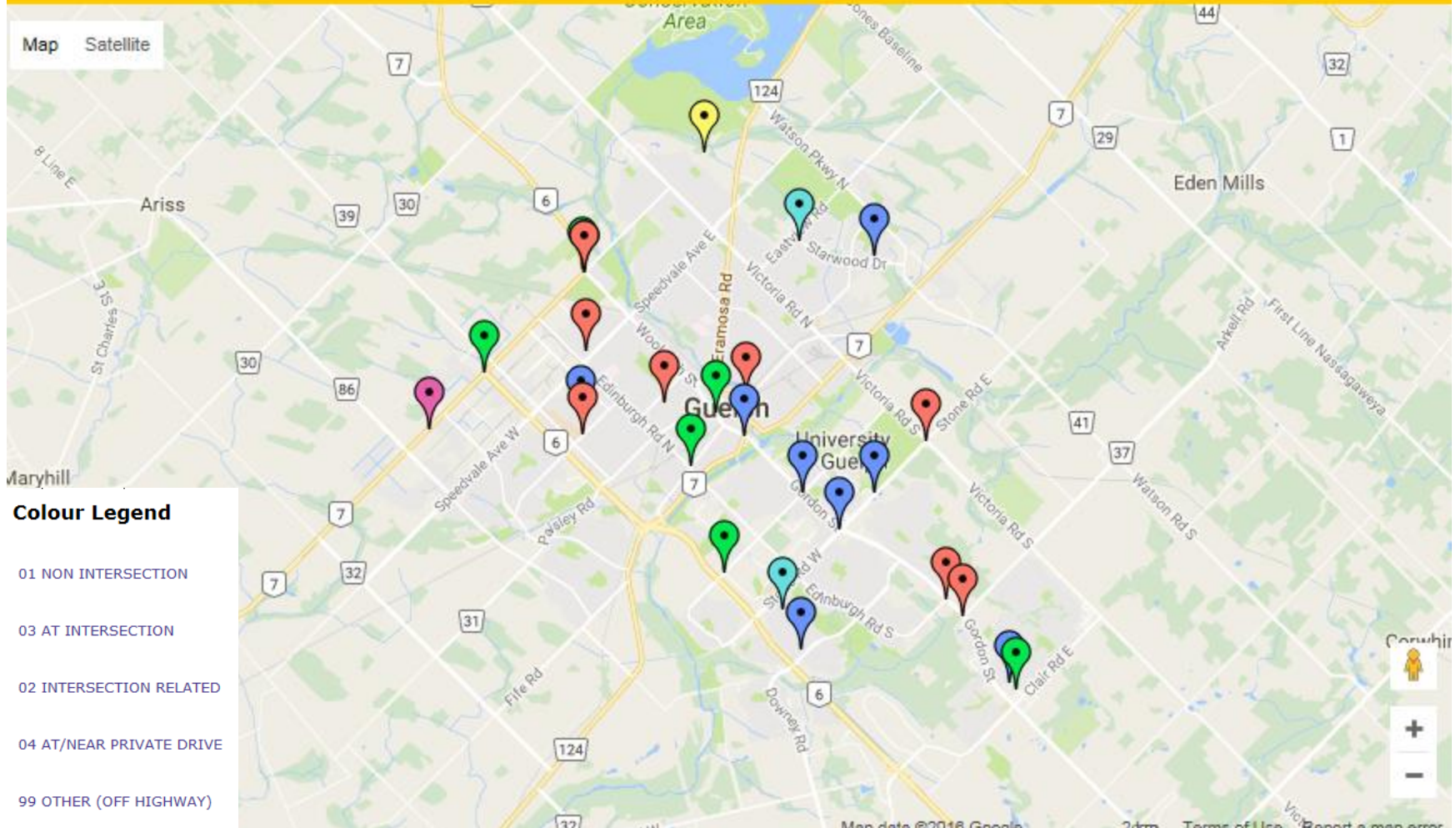
# January 1<sup>st</sup> – September 30<sup>th</sup> 2016 Q3

## Collisions Involving Alcohol or Drugs

Where driver action is one of:- 02 had been drinking, 03 ability impaired, alcohol (over .08) -04 ability impaired, alcohol  
-05 ability impaired, drugs

Total Incidents: 28 | Total Parties: 28

- 1 incidents are missing geographic information and could not be plotted.
- Several incidents occur at the exact same location. Some markers may be obscured.

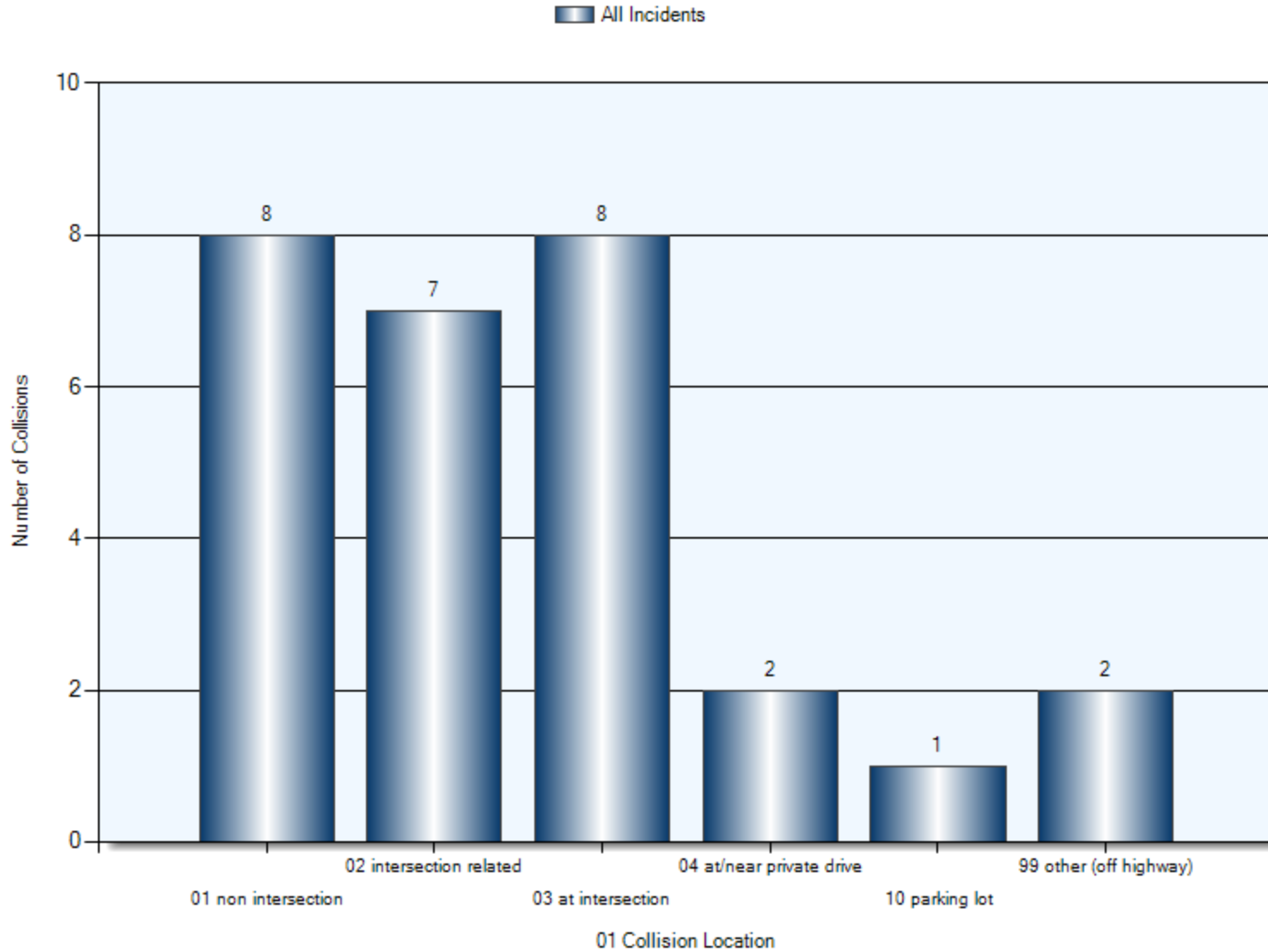


### Colour Legend

- 01 NON INTERSECTION
- 03 AT INTERSECTION
- 02 INTERSECTION RELATED
- 04 AT/NEAR PRIVATE DRIVE
- 99 OTHER (OFF HIGHWAY)
- 10 PARKING LOT

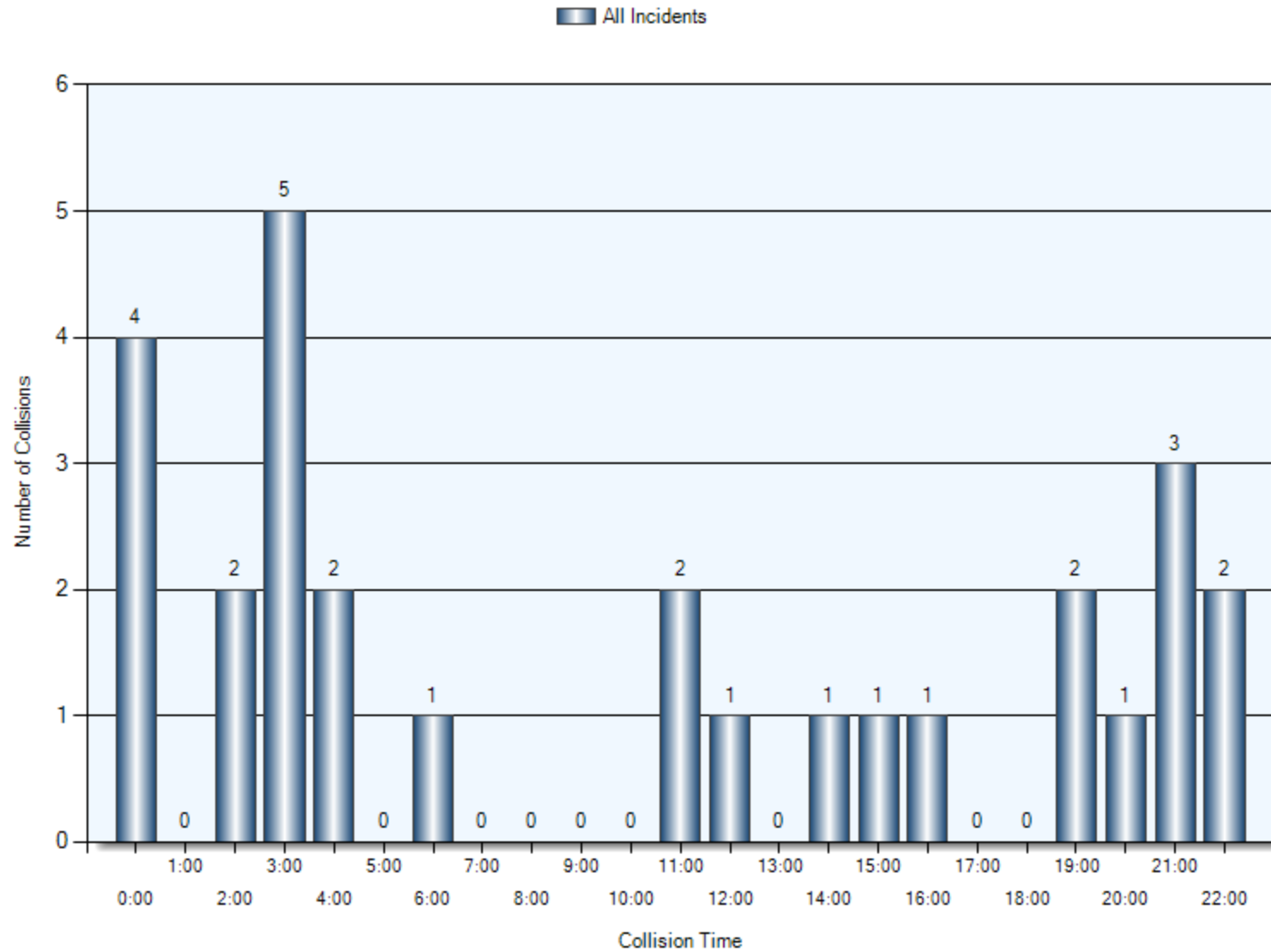
# Collisions Involving Alcohol or Drugs

## Collision Location



# Collisions Involving Alcohol or Drugs

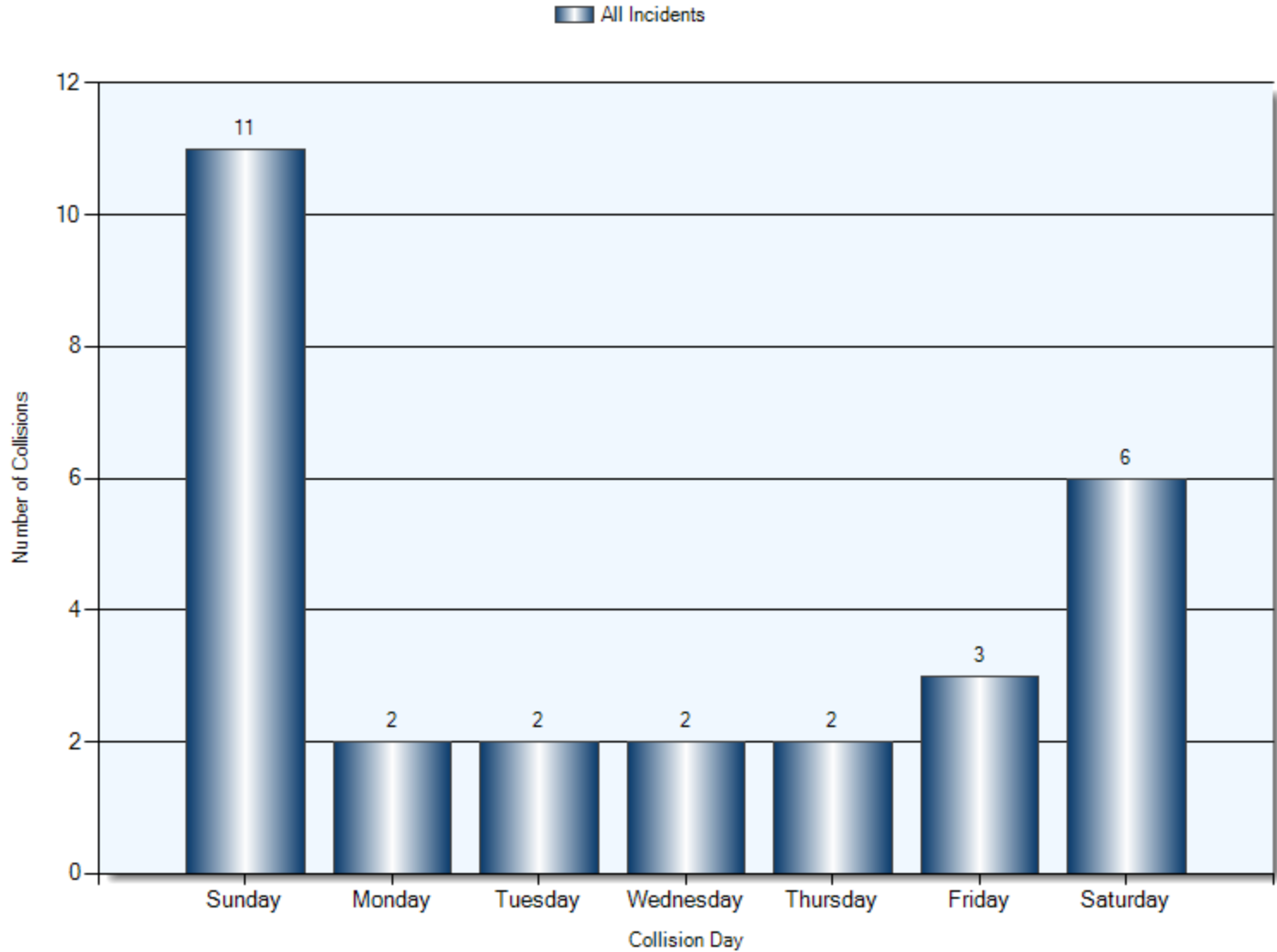
## Collision Time





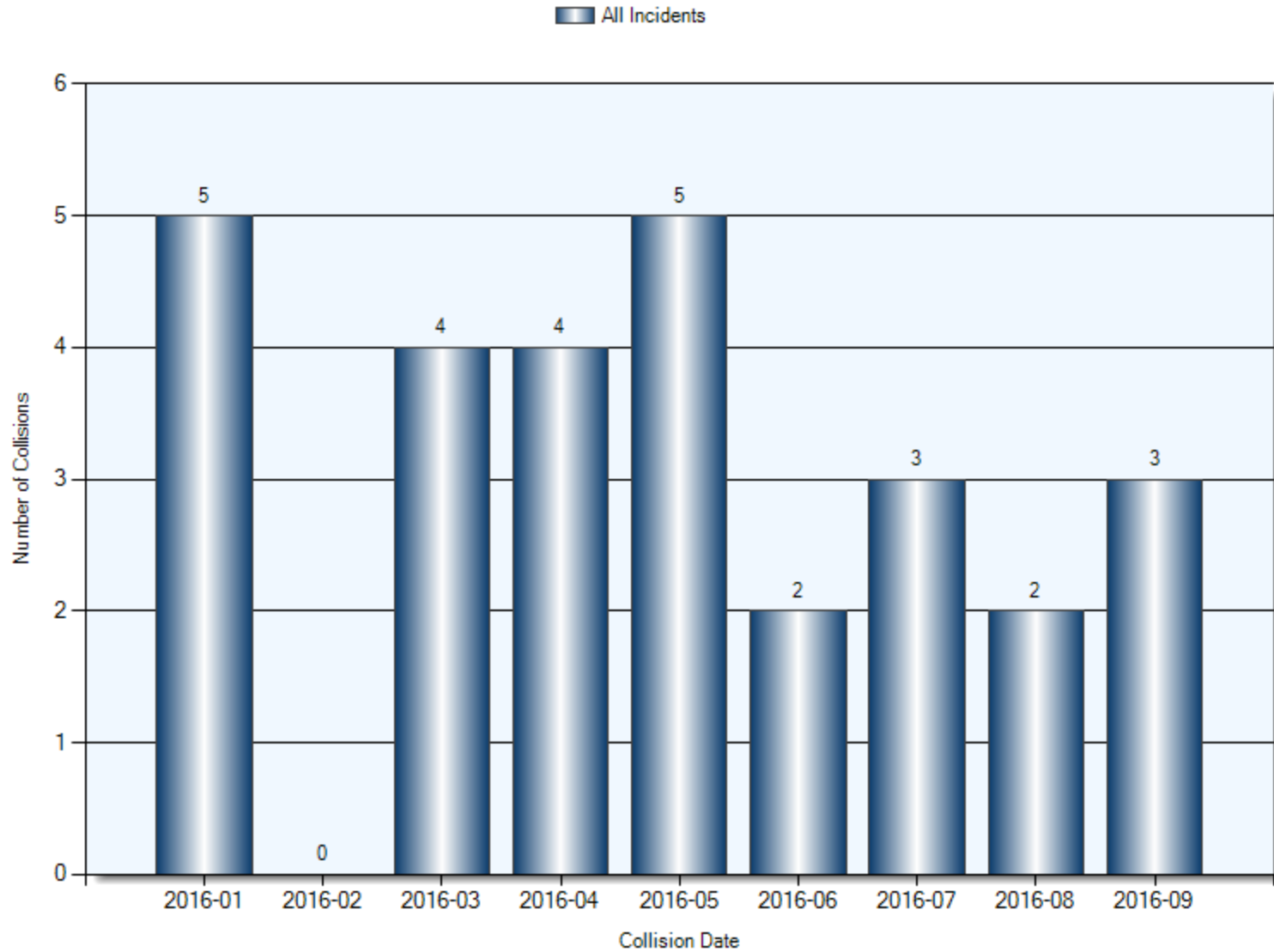
# Collisions Involving Alcohol or Drugs

## Collision Day



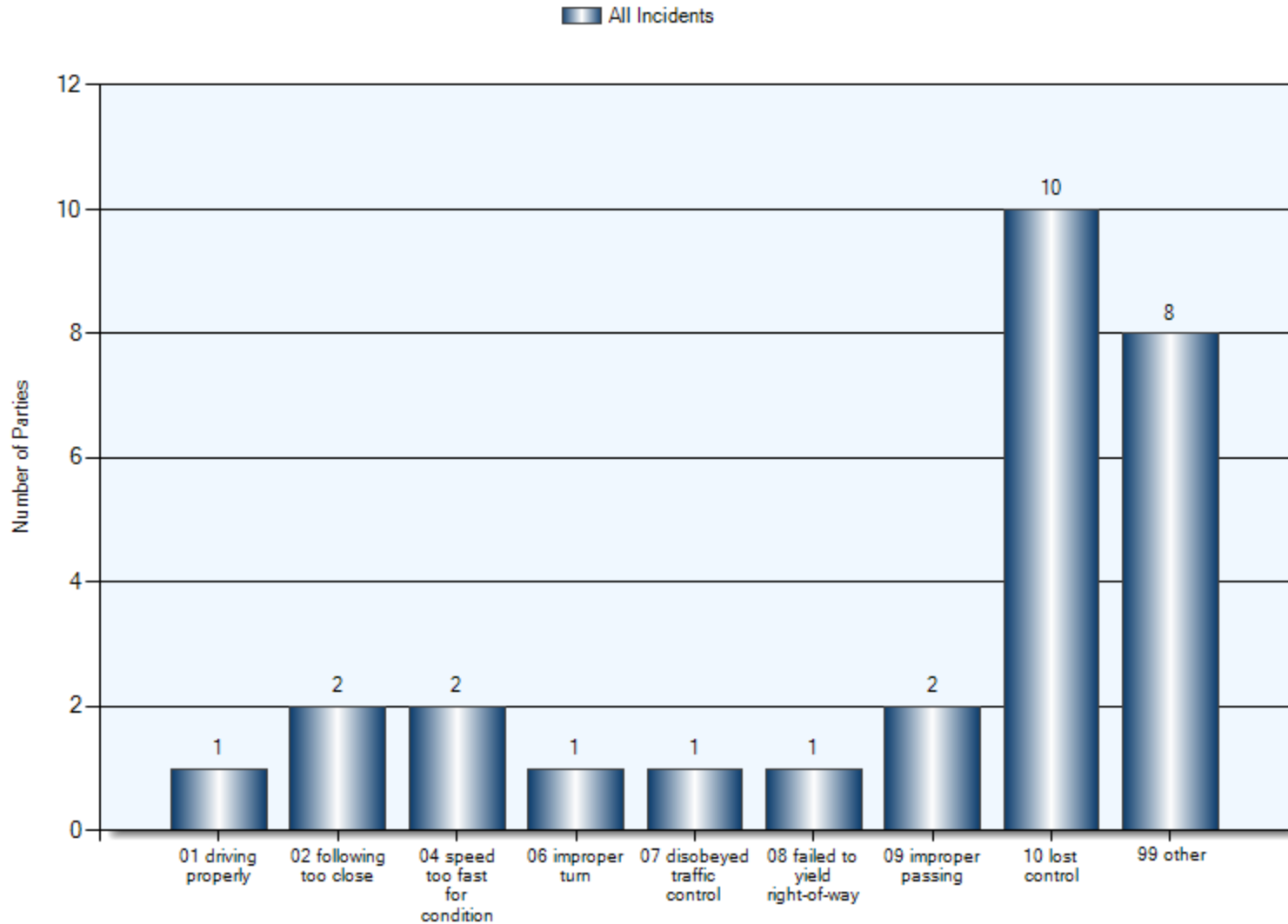
# Collisions Involving Alcohol or Drugs

Collision Date



# Collisions Involving Alcohol or Drugs

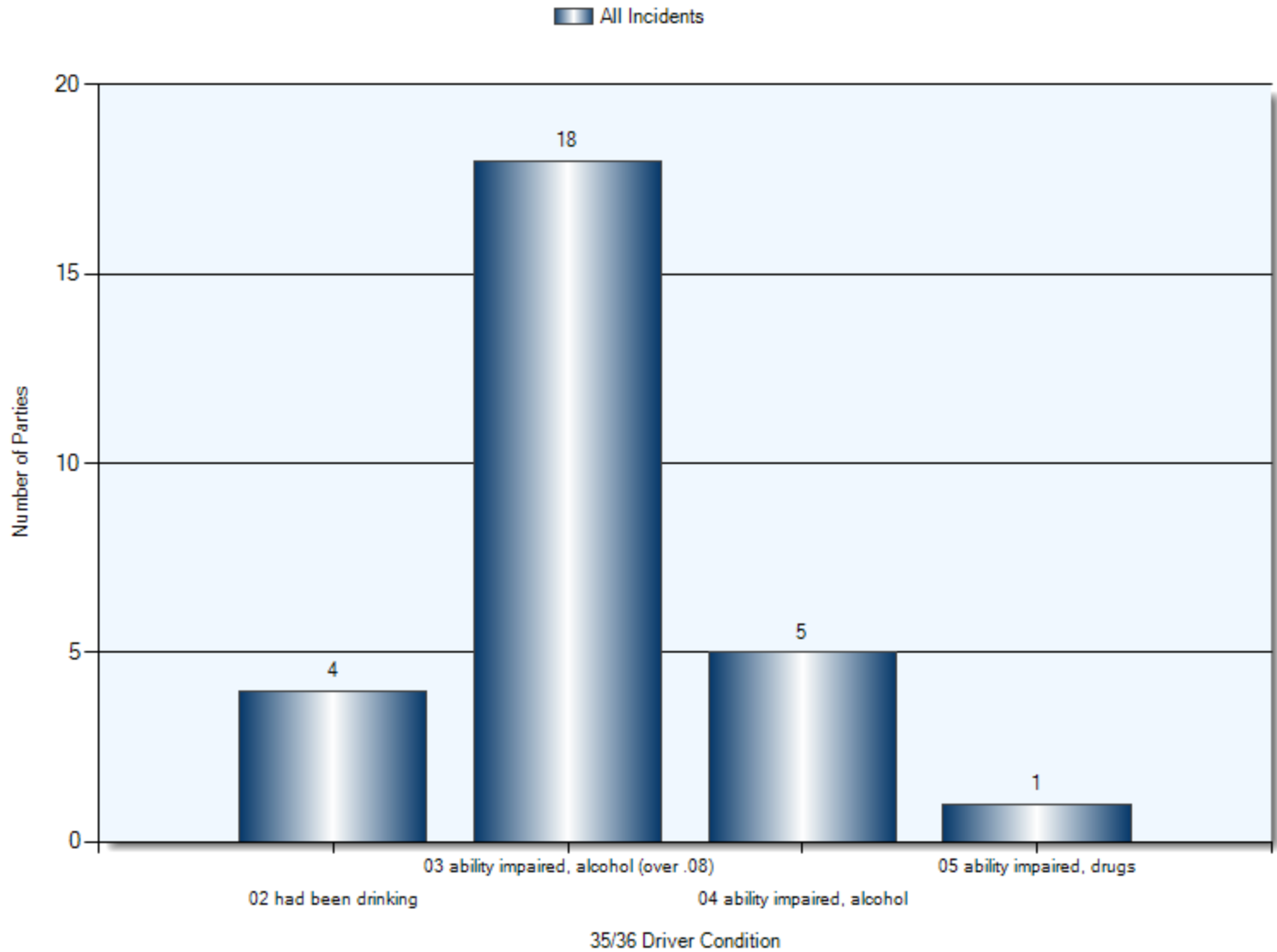
## Driver Action



33/34 Apparent Driver Action

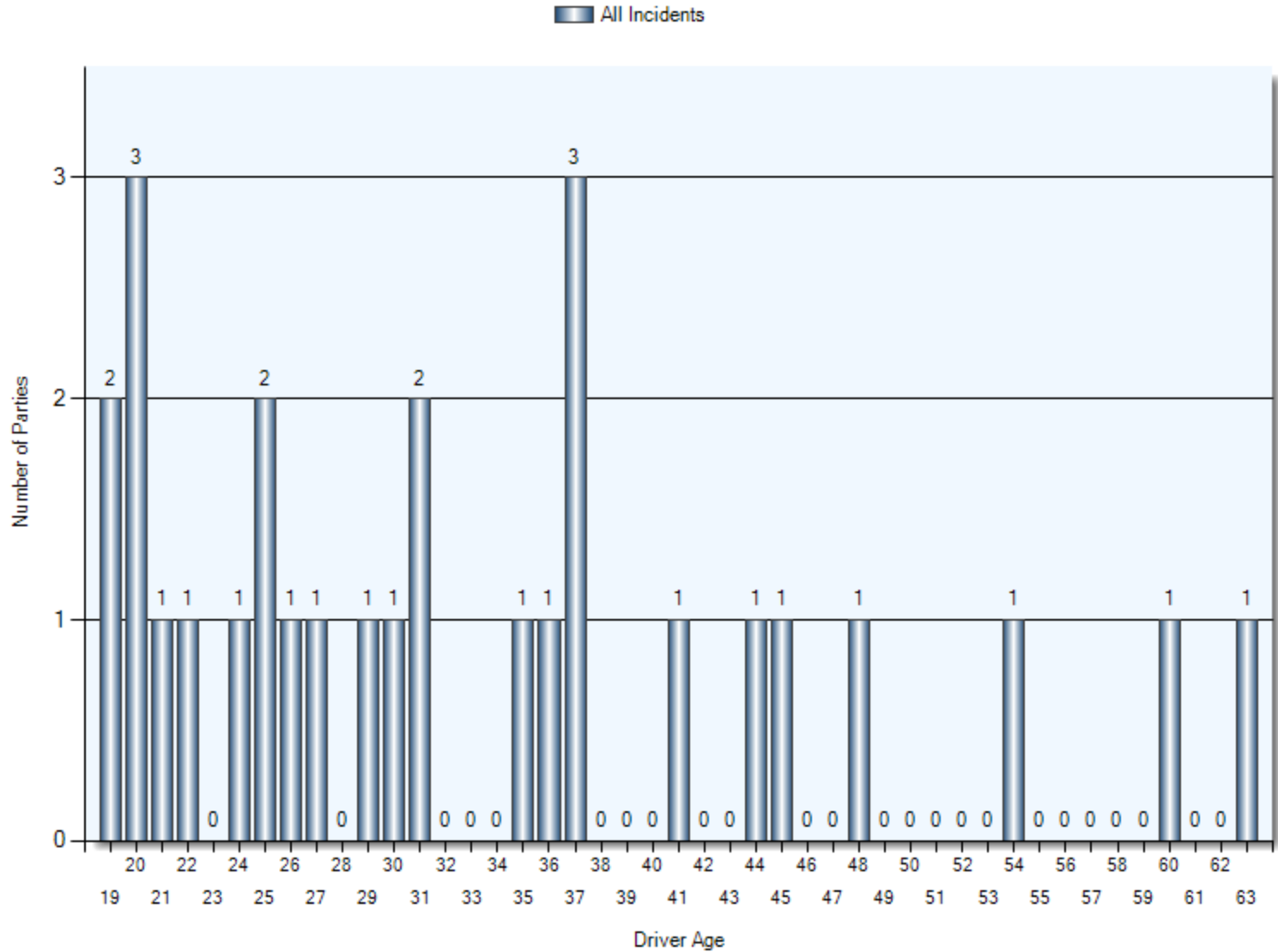
# Collisions Involving Alcohol or Drugs

## Driver Condition



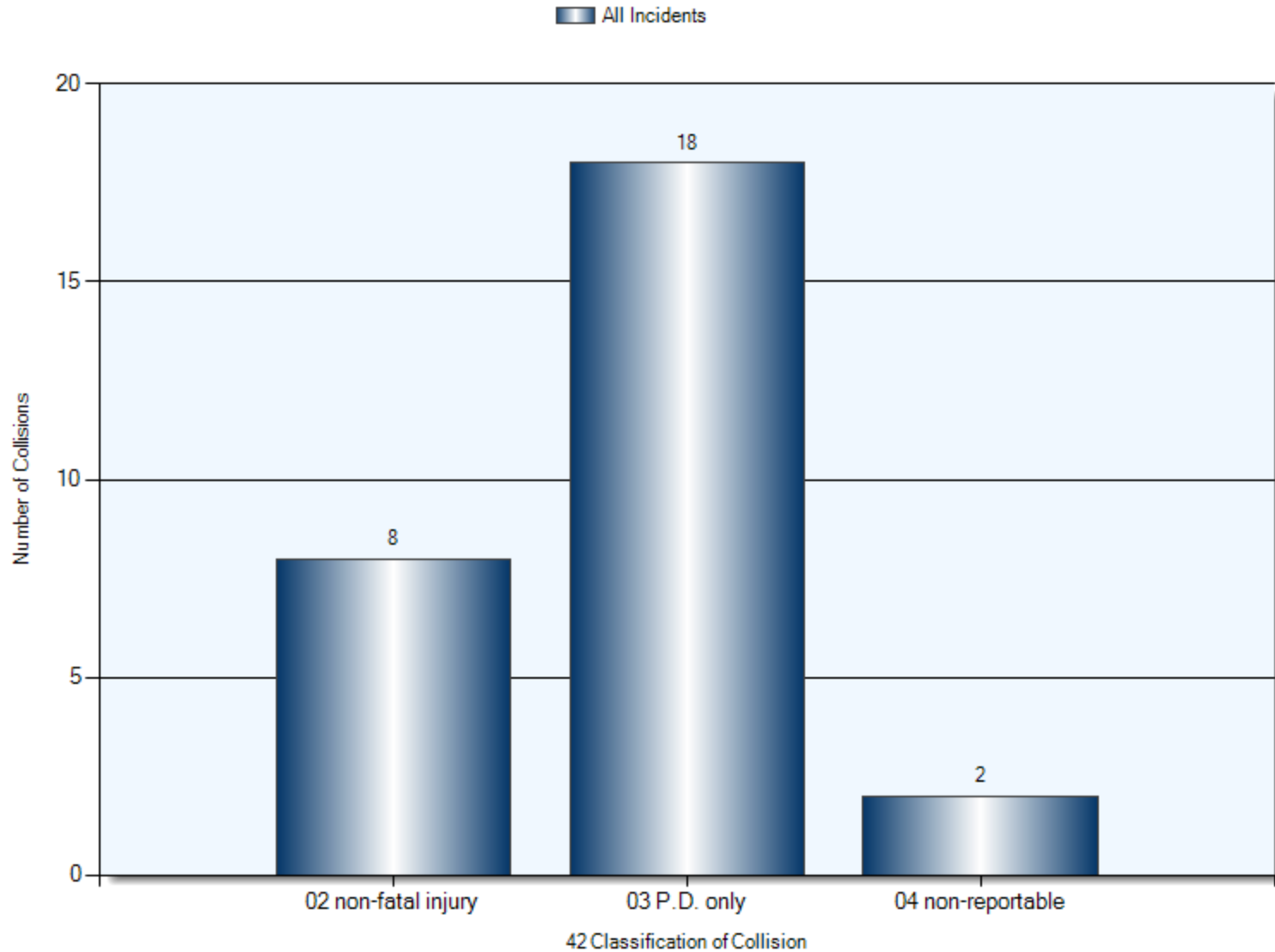
# Collisions Involving Alcohol or Drugs

## Driver Age



# Collisions Involving Alcohol or Drugs

## Classification of Collision



# Collisions Involving Alcohol or Drugs

## Top Intersections

Intersection ▼	Incidents	Parties
WOODLAWN RD W & WOOLWICH ST	2	2
FLEMING RD & O CONNOR LN	1	1
PLOT AT 488 R1 & WOODLAWN RD	1	1
HANLON PKWY & WOODLAWN RD W	1	1
GORDON ST & STONE RD E	1	1
BRENTWOOD DR & JUNE AVE	1	1
COLLEGE AVE W & GORDON ST	1	1
MACDONELL ST & WOOLWICH ST	1	1
COLE RD & WHISPERING RIDGE DR	1	1
WOODLAWN RD E & WOOLWICH ST	1	1

## Q3 Top Intersections

Accident Location	Incidents	Parties	Injuries	% Injuries	Damage Estimate
EDINBURGH RD S & WELLINGTON ST W	22	41	0	0.00	\$26,991.50
EDINBURGH RD S & STONE RD W	21	37	0	0.00	\$16,050.00
GORDON ST & WELLINGTON ST W	20	36	0	0.00	\$22,900.00
SILVERCREEK PKWY N & WOODLAWN RD W	18	31	0	0.00	\$23,400.00
IMPERIAL RD N & WOODLAWN RD W	16	31	0	0.00	\$8,400.00
SPEEDVALE AVE W & WOOLWICH ST	16	28	0	0.00	\$23,900.00
WOODLAWN RD W & WOOLWICH ST	15	27	0	0.00	\$20,100.00
SILVERCREEK PKWY N & SPEEDVALE AVE W	14	25	0	0.00	\$27,400.00
COLLEGE AVE W & GORDON ST	13	25	0	0.00	\$18,900.00
ELMIRA RD N & WOODLAWN RD W	12	25	1	4.00	\$10,653.00
ARKELL RD & GORDON ST	12	24	0	0.00	\$7,700.00
SCOTTSDALE DR & STONE RD W	12	23	0	0.00	\$4,500.00
VICTORIA RD N & WOODLAWN RD E	11	22	0	0.00	\$18,275.00
GORDON ST & STONE RD E	11	20	0	0.00	\$16,700.00
STONE RD E & VICTORIA RD S	10	17	0	0.00	\$9,800.00
SPEEDVALE AVE E & VICTORIA RD N	10	16	0	0.00	\$8,500.00
GORDON ST & KORTRIGHT RD W	9	18	0	0.00	\$8,882.00
COLLEGE AVE E & VICTORIA RD S	9	17	0	0.00	\$7,900.00
SILVERCREEK PKWY N & WILLOW RD	9	17	1	5.88	\$10,200.00
ERAMOSA RD & VICTORIA RD N	9	16	0	0.00	\$17,300.00
<b>TOTALS:</b>	<b>269</b>	<b>496</b>	<b>2</b>		<b>\$308,451.50</b>



# Q3 Top Intersections with Driver Profile

Incident Location	Incident Count	Party Count	Under \$1000	Est. 1001 -1500	Est. 1501 -2500	Est. 2501 -5000	Est. 5001 -10000	Est. 10001 -15000	Est. 15001 -25000	Est. over 25000	Age 16 -21	Age 22 -29	Age 30 -39	Age 40 -50	Age 51 -65	Age 66 -70	Age 71 -75	Age 76 -80	Age over 80	Male	Female	Out Of Province
EDINBURGH RD S & WELLINGTON ST W	22	41	4	9	5	1	0	0	0	0	4	10	5	5	14	1	1	1	0	26	15	2
EDINBURGH RD S & STONE RD W	21	37	4	10	1	0	0	0	0	0	11	7	3	4	6	2	1	1	0	19	17	1
GORDON ST & WELLINGTON ST W	20	36	7	6	2	3	0	0	0	0	5	9	4	6	5	0	2	1	3	17	18	0
SILVERCREEK PKWY N & WOODLAWN RD W	18	31	3	7	2	2	0	0	0	0	3	5	5	7	10	1	0	0	0	20	11	0
IMPERIAL RD N & WOODLAWN RD W	16	31	1	3	2	0	0	0	0	0	5	8	2	4	8	1	0	0	3	21	10	0
SPEEDVALE AVE W & WOOLWICH ST	16	28	6	5	4	0	1	0	0	0	3	2	3	2	10	0	2	2	4	19	9	0
WOODLAWN RD W & WOOLWICH ST	15	27	1	7	2	2	0	0	0	0	1	7	5	5	7	0	1	0	1	18	9	0
SILVERCREEK PKWY N & SPEEDVALE AVE W	14	25	2	7	3	4	0	0	0	0	2	2	7	4	9	0	0	0	1	17	8	0
COLLEGE AVE W & GORDON ST	13	25	5	7	1	0	1	0	0	0	5	4	2	7	5	1	0	1	0	10	15	0
ELMIRA RD N & WOODLAWN RD W	12	25	1	2	4	0	0	0	0	0	1	7	3	5	5	3	1	0	0	21	4	0
ARKELL RD & GORDON ST	12	24	1	2	1	1	0	0	0	0	4	6	6	5	3	0	0	0	0	12	12	1
SCOTTSDALE DR & STONE RD W	12	23	3	2	1	0	0	0	0	0	5	3	6	2	6	0	0	0	1	14	9	0
VICTORIA RD N & WOODLAWN RD E	11	22	3	6	2	2	0	0	0	0	4	3	9	2	2	1	0	1	0	14	8	0
GORDON ST & STONE RD E	11	20	3	4	3	1	0	0	0	0	1	5	2	3	8	1	0	0	0	13	7	1
STONE RD E & VICTORIA RD S	10	17	0	4	1	1	0	0	0	0	0	5	2	1	7	0	1	1	0	8	9	0
SPEEDVALE AVE E & VICTORIA RD N	10	16	2	4	1	0	0	0	0	0	4	2	5	1	4	0	0	0	0	12	4	0
GORDON ST & KORTRIGHT RD W	9	18	0	2	1	1	0	0	0	0	4	6	2	2	2	1	0	0	0	11	6	0
COLLEGE AVE E & VICTORIA RD S	9	17	1	4	1	0	0	0	0	0	1	5	4	2	3	0	0	0	1	7	9	0
SILVERCREEK PKWY N & WILLOW RD	9	17	1	5	0	1	0	0	0	0	4	3	2	3	2	0	2	1	0	7	10	0
ERAMOSA RD & VICTORIA RD N	9	16	0	2	5	1	0	0	0	0	1	2	3	1	4	0	1	0	1	8	5	1
<b>Grand Totals:</b>	<b>269</b>	<b>496</b>	<b>48</b>	<b>98</b>	<b>42</b>	<b>20</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>101</b>	<b>80</b>	<b>71</b>	<b>120</b>	<b>12</b>	<b>12</b>	<b>9</b>	<b>15</b>	<b>294</b>	<b>195</b>	<b>6</b>