

ANALYSIS OF REGIONAL ROADWAY SAFETY OUTCOMES

Crash Analysis – Young Drivers

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TPB Safety Subcommittee
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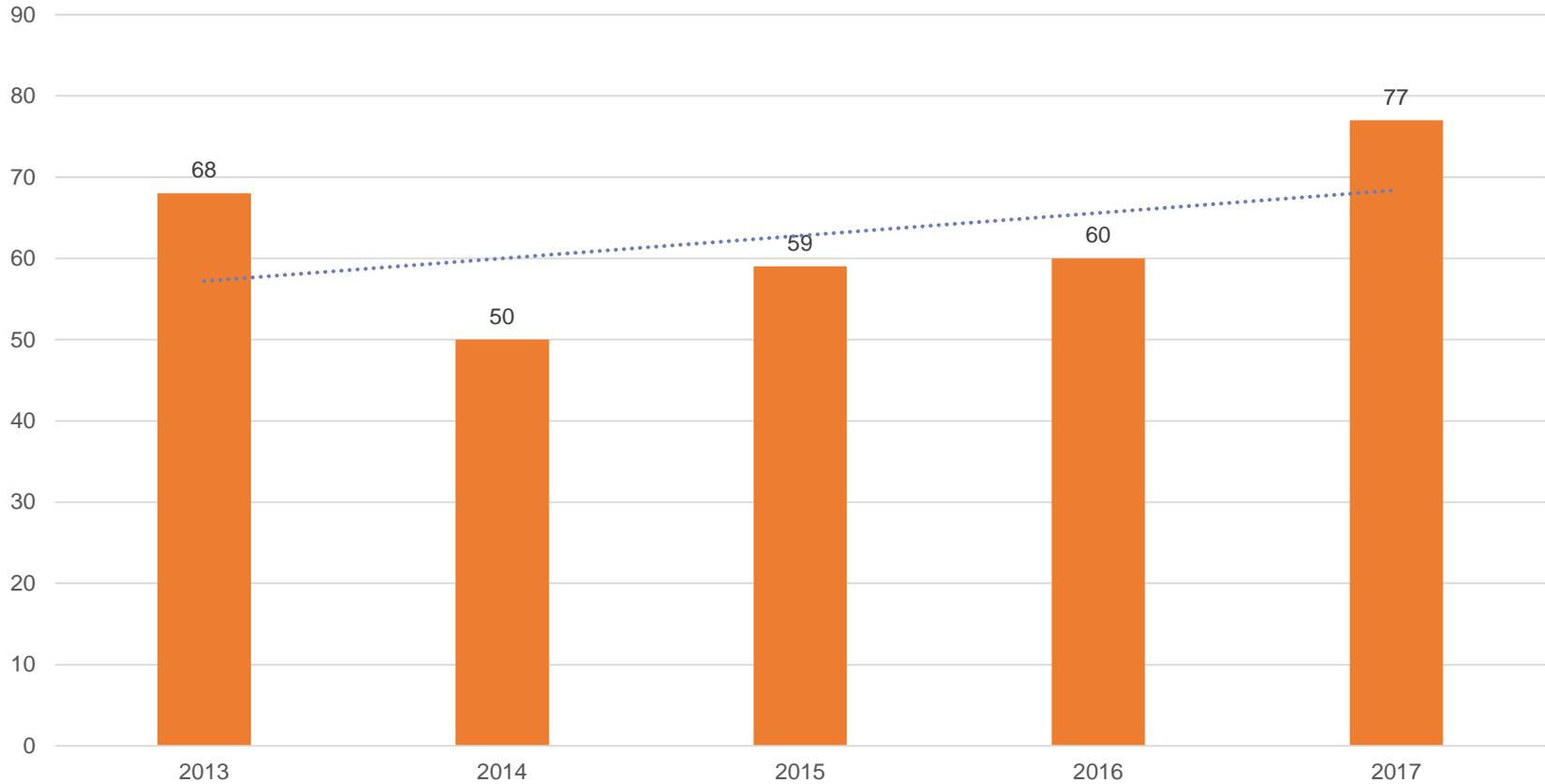
Younger Driver Involvement



Young Driver Involvement Fatalities

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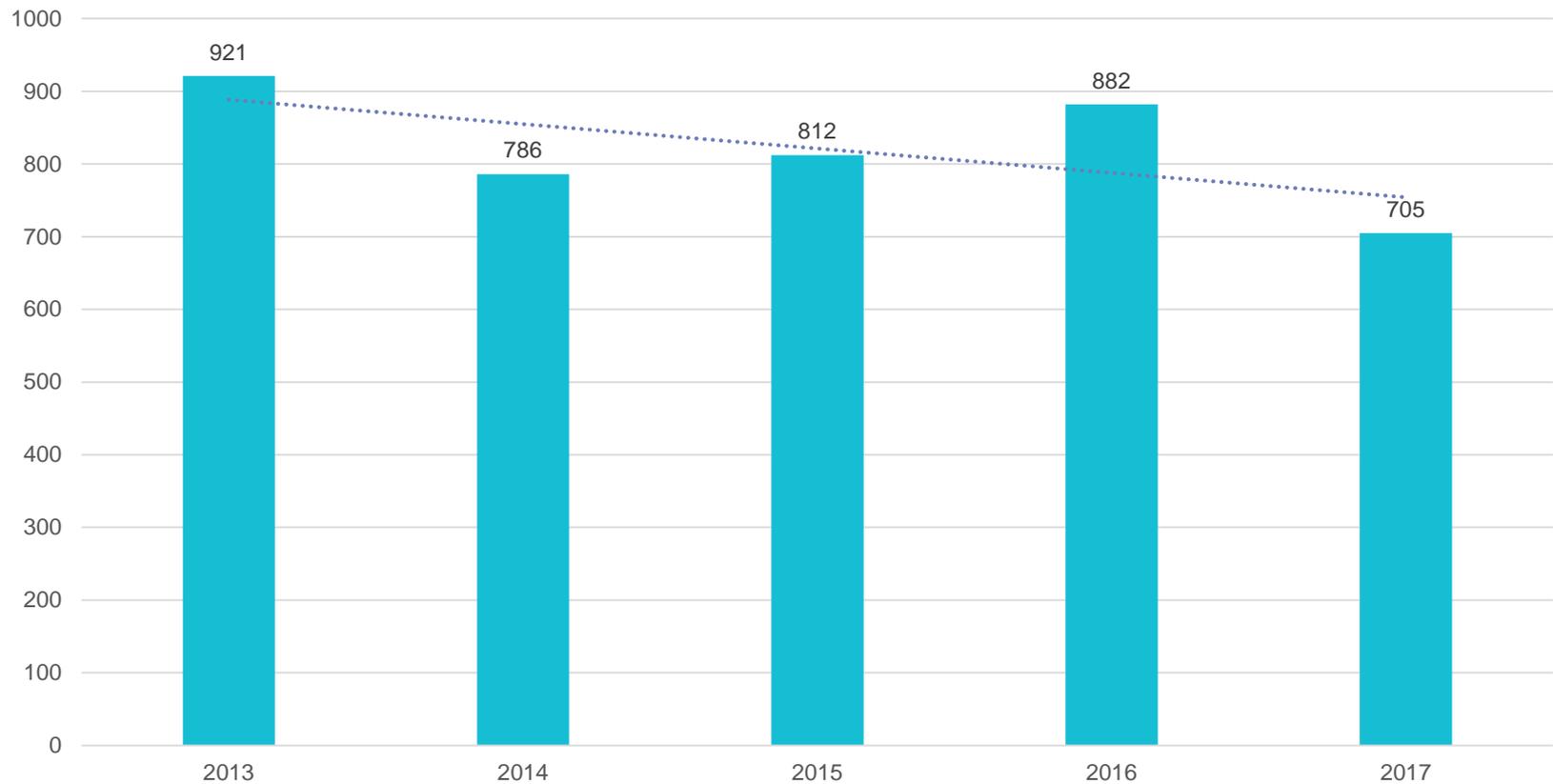
Total Regional Young Driver Involvement Fatalities (State Data)



Young Driver Involvement Serious Injuries

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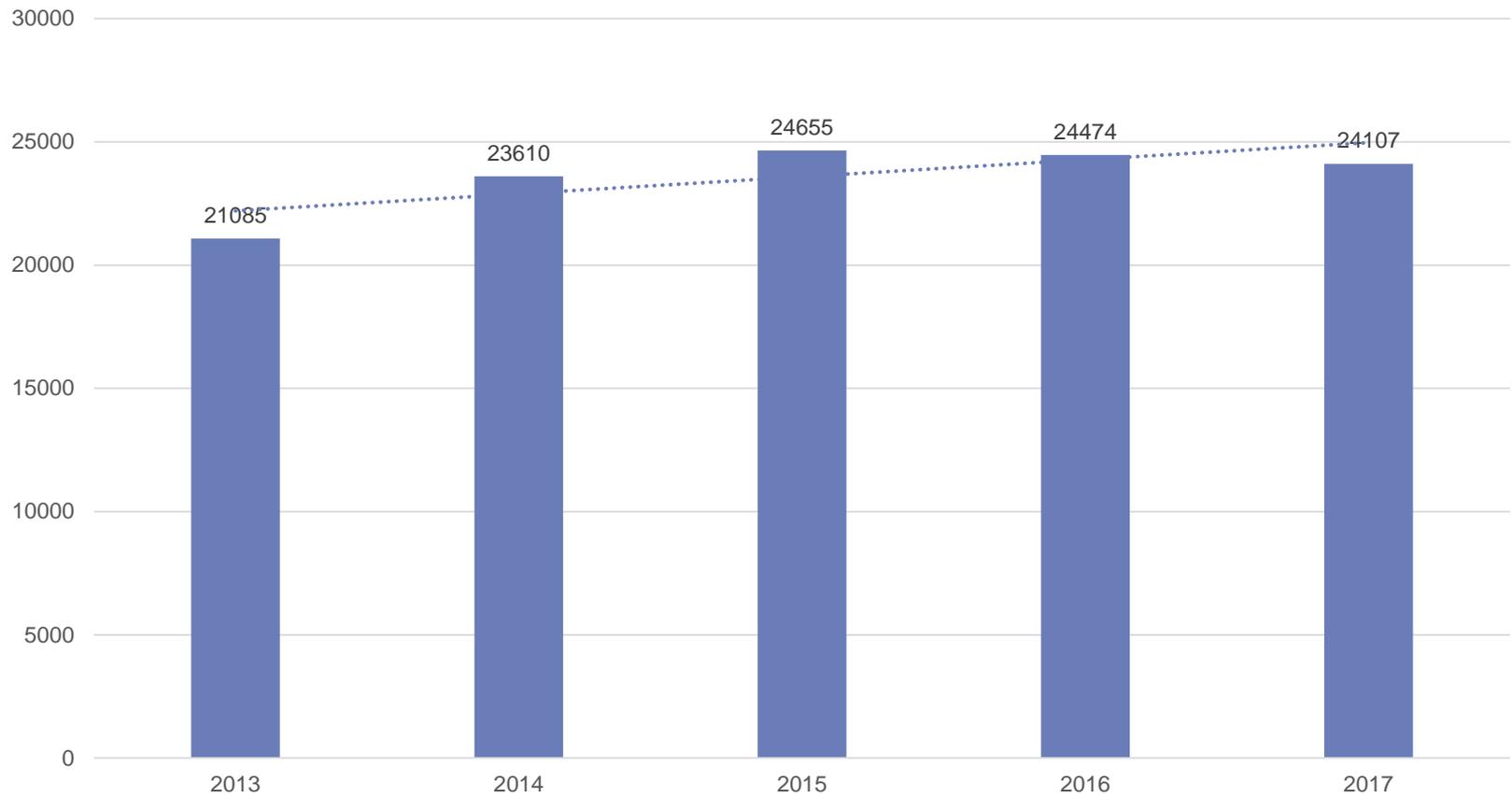
Young Driver Involvement Serious Injuries (State Data)



Young Driver Involvement Crashes

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Total Regional Young Driver Involvement Crashes (State Data)



Crash Severity – By Jurisdiction

Young Driver Involvement Crash Severity by Jurisdiction			
Jurisdiction	Fatalities	Serious Injuries	Total Crashes
District of Columbia	29	248	19304
Charles County, MD	22	322	4621
Frederick County, MD	22	146	5489
Montgomery County, MD	46	497	17345
Prince George's County, MD	100	718	20699
Arlington County, VA	5	75	3238
Fairfax County, VA	45	1117	23080
Fauquier County, VA (urbanized area)	0	33	662
Loudoun County, VA	13	304	7805
Prince William County, VA	28	392	10796
Alexandria, VA	1	57	2242
Fairfax City, VA	3	32	1219
Falls Church, VA	0	30	198
Manassas, VA	0	130	1073
Manassas Park, VA	0	5	160
Urban Core	35	380	24784
Inner Suburbs	194	2394	62541
Outer Suburbs	85	1332	30606
National Capital Region Total	314	4106	117931



Young Driver Involvement Crash Severity by Light Condition

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Young Driver Involvement Injury Severity by Light Condition			
Light Condition	National Capital Region		
	Fatalities	Serious Injuries	Total Crashes
Dawn	4	80	2234
Daylight	121	2270	73061
Dusk	4	99	3047
Dark (Lighted)	105	1121	29277
Dark (Not Lighted)	74	498	8130
Dark (Unknown Lighting)	1	26	759
Unknown	5	12	1428



Young Driver Involvement Crash Severity by Time of Day

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Young Driver Involvement Injury Severity by Time of Day			
Time of Day	National Capital Region		
	Fatalities	Serious Injuries	Total Crashes
Midnight - 0:59 a.m.	8	141	2830
1:00 a.m. - 1:59 a.m.	19	134	2247
2:00 a.m. - 2:59 a.m.	21	138	2300
3:00 a.m. - 3:59 a.m.	18	86	2017
4:00 a.m. - 4:59 a.m.	13	67	1559
5:00 a.m. - 5:59 a.m.	9	83	1770
6:00 a.m. - 6:59 a.m.	9	102	2802
7:00 a.m. - 7:59 a.m.	9	158	5221
8:00 a.m. - 8:59 a.m.	12	180	6093
9:00 a.m. - 9:59 a.m.	9	115	4905
10:00 a.m. - 10:59 a.m.	6	142	4287
11:00 a.m. - 11:59 a.m.	11	158	4672
12:00 p.m. - 12:59 p.m.	9	163	5476
1:00 p.m. - 1:59 p.m.	8	205	5973
2:00 p.m. - 2:59 p.m.	13	208	7051
3:00 p.m. - 3:59 p.m.	14	258	8590
4:00 p.m. - 4:59 p.m.	12	266	9028
5:00 p.m. - 5:59 p.m.	7	265	9704
6:00 p.m. - 6:59 p.m.	12	261	8513
7:00 p.m. - 7:59 p.m.	17	222	6030
8:00 p.m. - 8:59 p.m.	20	214	4529
9:00 p.m. - 9:59 p.m.	18	203	4650
10:00 p.m. - 10:59 p.m.	21	174	4137
11:00 p.m. - 11:59 p.m.	19	163	3545



Young Driver Involvement Crash Severity by Day of Week

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Young Driver Involvement Injury Severity by Day of the Week			
Day of Week	National Capital Region		
	Fatalities	Serious Injuries	Total Crashes
Sunday	61	636	13723
Monday	28	520	15621
Tuesday	33	548	17373
Wednesday	40	524	17130
Thursday	35	592	17713
Friday	57	632	19254
Saturday	60	654	17122



Young Driver Involvement Crash Severity by Month of Year

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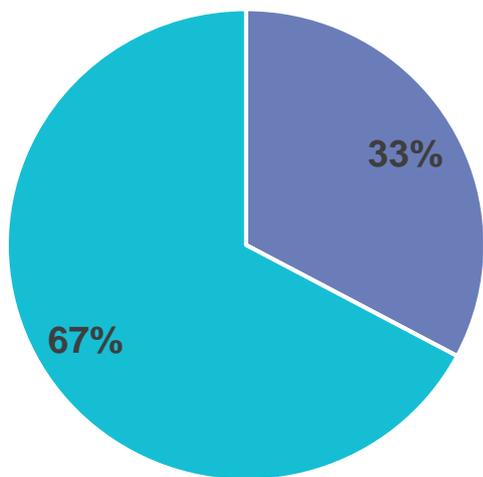
Young Driver Involvement Injury Severity by Month			
Month	National Capital Region		
	Fatalities	Serious Injuries	Total Crashes
January	17	299	9006
February	15	262	7817
March	22	320	8704
April	21	284	8966
May	25	395	10779
June	33	392	10618
July	32	386	10175
August	33	426	10138
September	32	353	9779
October	29	367	10992
November	34	315	10445
December	21	307	10517



Young Driver Involvement Crash Severity at or Near Intersections

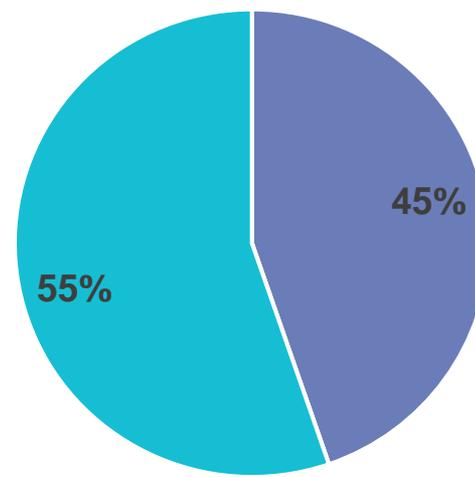
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Young Driver Involvement Fatalities



■ Intersection ■ Non-Intersection

Young Driver Involvement Serious Injuries



■ Intersection ■ Non-Intersection



Young Driver Involvement Crash Severity by Functional Class

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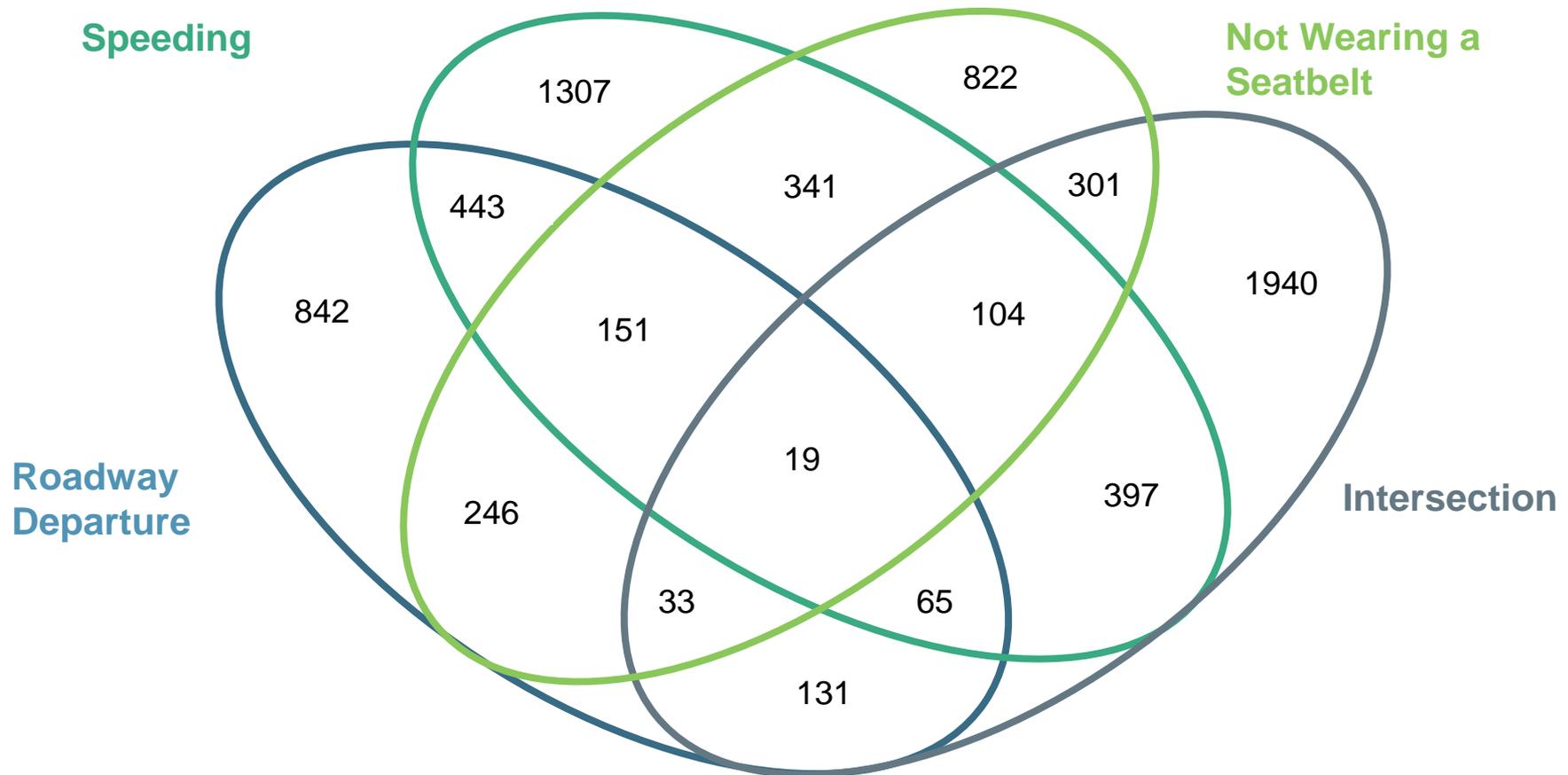
Young Driver Involvement Injury Severity by Functional Class

Functional Class	National Capital Region		
	Fatalities	Serious Injuries	Total Crashes
Collector	40	631	17674
Expressway	10	104	2882
Freeways	35	612	18407
Major Arterial	109	1228	36820
Minor Arterial	99	1410	37645
Ramp	5	75	1856



Contributing Factors (Fatalities and Serious Injuries 2013-2017)

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