



Administrative Services

CITY OF VENICE POLICE DEPARTMENT



TOM MATTMULLER ★ Police Chief

TO: Chief Tom Mattmuller

FROM: Community Services Analyst Rattana Wongsa *RW*

DATE: February 2, 2021

SUBJECT: **2020** Annual Traffic Crash Analysis

A completed administrative review of Annual Traffic Crash Analysis for the calendar year **2020** is concluded as follows:

There were **423** total accidents (**-19.73%** compares to 2019) and **4,748** total citations in **2020**. This report presents the total numbers of 2020 Traffic Crash, Traffic Crash Top Ten Locations, Accidents by Month and Time and Day of Accidents, the total numbers of Citations, and Top Ten Citation Issued, and other related factors.

East Venice Avenue, South Tamiami Trail, East Laurel Road, Pinebrook Road, and North Venice Bypass were the top-five locations of accidents that occurred in 2020, which does not show a significant change in comparison to 2019 top five-accident locations.

The highest rates of accidents took place mostly in January **11.58%** (49), February **10.17%** (43), March **10.87%** (46), May **9.69%** (41), and November **9.69%** (41), which the number of traffic crashes is above 40. April, however, shows the least numbers of traffic crashes, **4.02%** (17).

Breaking down the accident numbers by time-of-day, the report shows that accidents took place most often between 1100 and 1500 hours. As for day-of-week, traffic crashes occurred mostly on Wednesdays, **17.26%** (73), Fridays hold the second-highest accidents rate at **16.08%** (68), and Mondays show the third-highest accidents rate at **15.13%** (64).

The average for 2020 traffic crash is 35 per month, and there are two modes in this data set, which are 41 and 31.

There were **4,748** citations issued and reported in **2020**. The report shows 2020 Top Ten Citation Issued as follows: Speeding 10 – 20 MPH (1,180), Failure to Obey (462), Stop Sign (232), Expired Tag (221), Parking (215), Careless Driving (185), Speeding (183), Safety Belt Violation (98), Headlights (93), and Tail Light (91).

According to DDACTS, crimes and crashes often occur in close proximity and often involve a motor vehicle. Thus, it is recommended to increase traffic enforcement in focused areas. Law enforcement services must be delivered at the right place or focused areas that traffic crashes occurred most within the community or jurisdiction.

The data tables and graphs of this analysis and summary are attached.

CC: Captains
Accreditation Manager



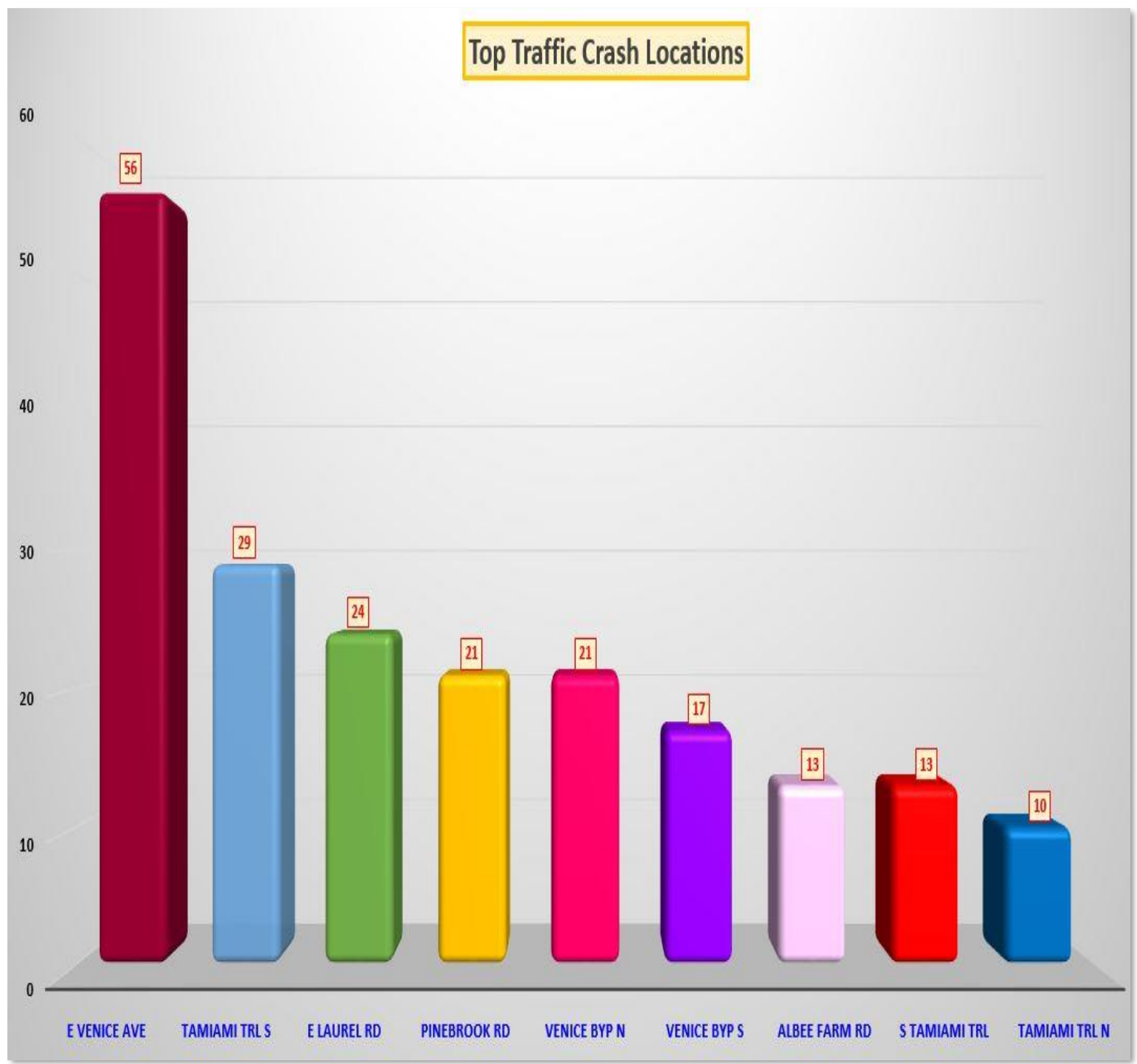
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2020 Top Crash Locations





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Crash Streets & Intersecting Streets

E VENICE AVE intersecting: (56)	
CAPRI ISLES BLVD	3
CHERRY ST	3
COUNTRY CLUB WAY	2
GROVE ST S	1
L PAVIA BLVD	2
LIVE OAK ST	5
N AUBURN RD	2
PEACH ST	1
PINEBROOK RD	2
RAMSEY RD	2
SAN LINO CIR	1
TAMIAMI TRL N	5
VENICE BYP N	5
VENICE BYP S	3
WARFIELD AVE N	3
WARFIELD AVE S	4
(blank)	12

TAMIAMI TRL S intersecting: (29)	
AMORA AVE	2
AVENIDA DEL CIRCO	1
CALLE DEL PARADISO	3
CENTER RD	2
EAGLE POINT DR	1
FAIRWAY DR	2
INDIAN AVE	3
MIAMI AVE W	1
MILAN AVE W	1
NIPPINO TRL E	1
PALERMO PL	4
SAN MARCO DR	1
VENETIA BAY BLVD	3
VENICE AVE W	2
(blank)	2

PINEBROOK RD intersecting: (21)	
BERKSHIRE CIR	1
CAPRI ISLES BLVD	1
CURRY LN	1
E VENICE AVE	7
LAUREL RD E	1
PINEBROOK WAY	1
RIDGEWOOD AVE	4
SOUTHLAKE CT	1
VENICE E	1
(blank)	3

ALBEE FARM RD intersecting: (13)	
GARDENS EDGE DR	1
JOHNSON LN	1
LUCAYA AVE	2
N LIMEBERRY PL	3
VENICE BYP N	5
WATERSIDE DR	1

VENICE BYP N intersecting: (21)	
ALBEE FARM RD	5
BIRD BAY DR W	6
E VENICE AVE	2
HAUSER LN	1
RIDGEWOOD AVE	1
SUBSTATION RD	1
TAMIAMI TRL N	5

VENICE BYP S intersecting: (17)	
CYPRESS AVE	2
E VENICE AVE	4
GROVELAND AVE	4
GULF COAST BLVD	3
LAUREL AVE	1
PINELAND AVE	2
SEABOARD AVE	1

LAUREL RD E intersecting: (24)	
KNIGHTS TRAIL RD	1
N I-75	4
PINEBROOK RD	2
TWIN LAUREL BLVD	4
VENETO BLVD	1
(blank)	12

S TAMIAMI TRL	13
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TAMIAMI TRL N intersecting: (10)	
EAGLE POINT DR	2
HATCHETT CREEK DR	5
VENETIA BAY BLVD	1
VENICE AVE W	1
VENICE BYP N	1



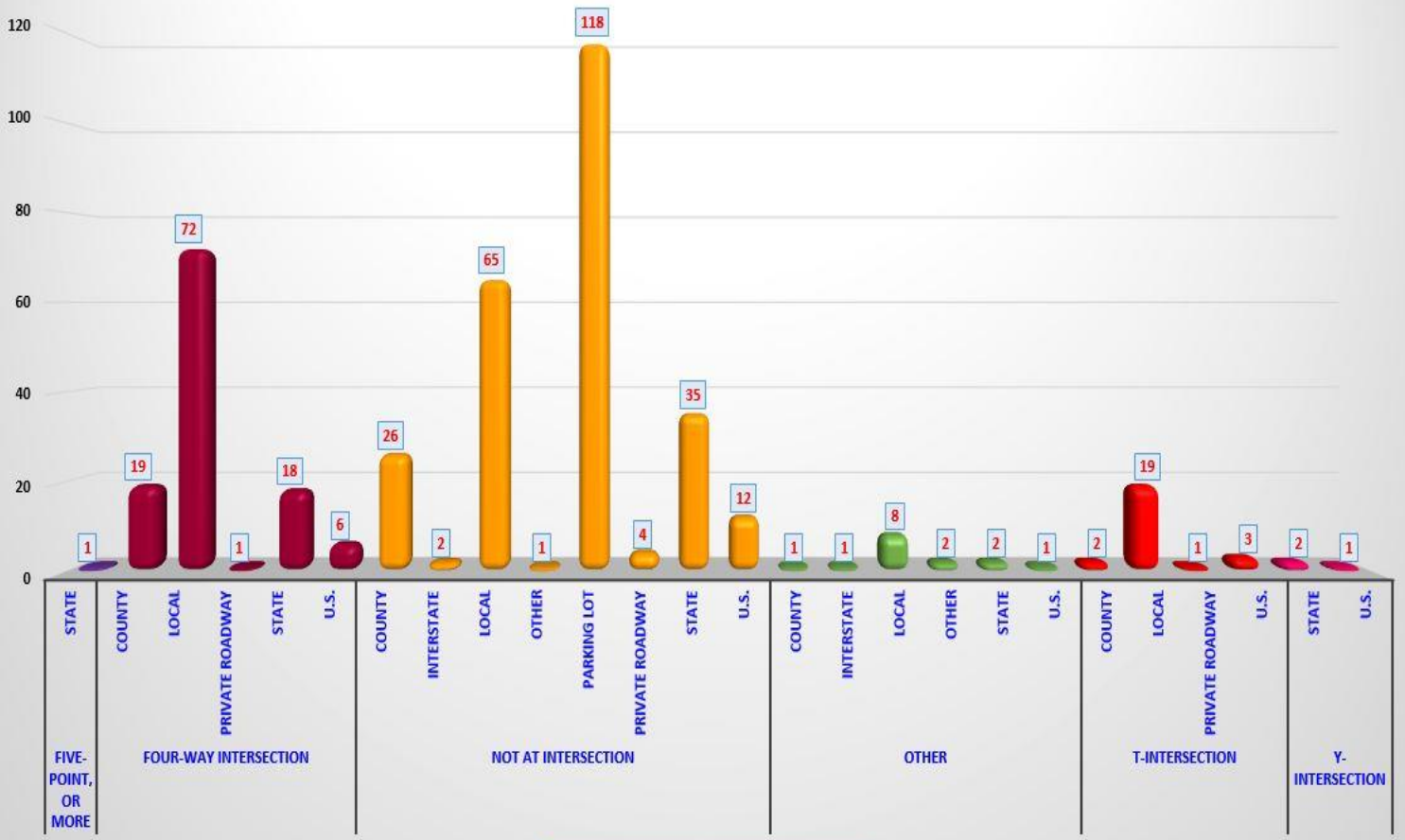
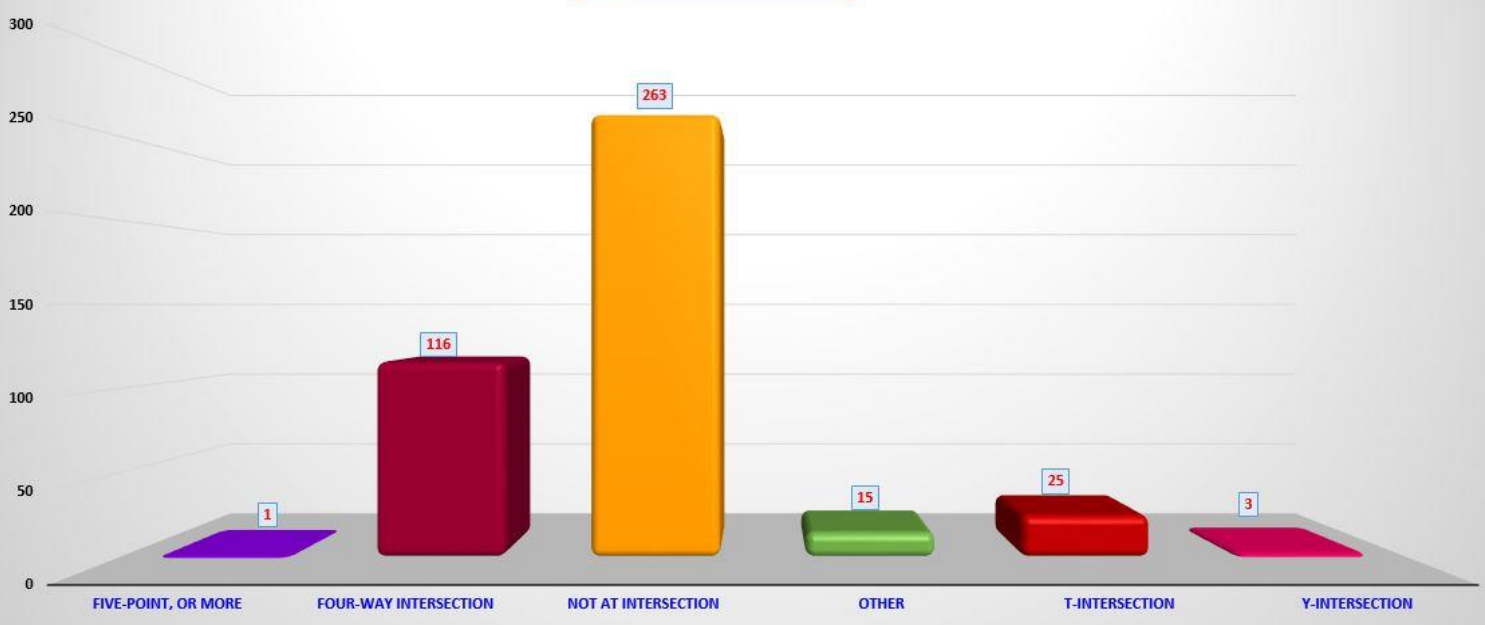
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Type of Intersection



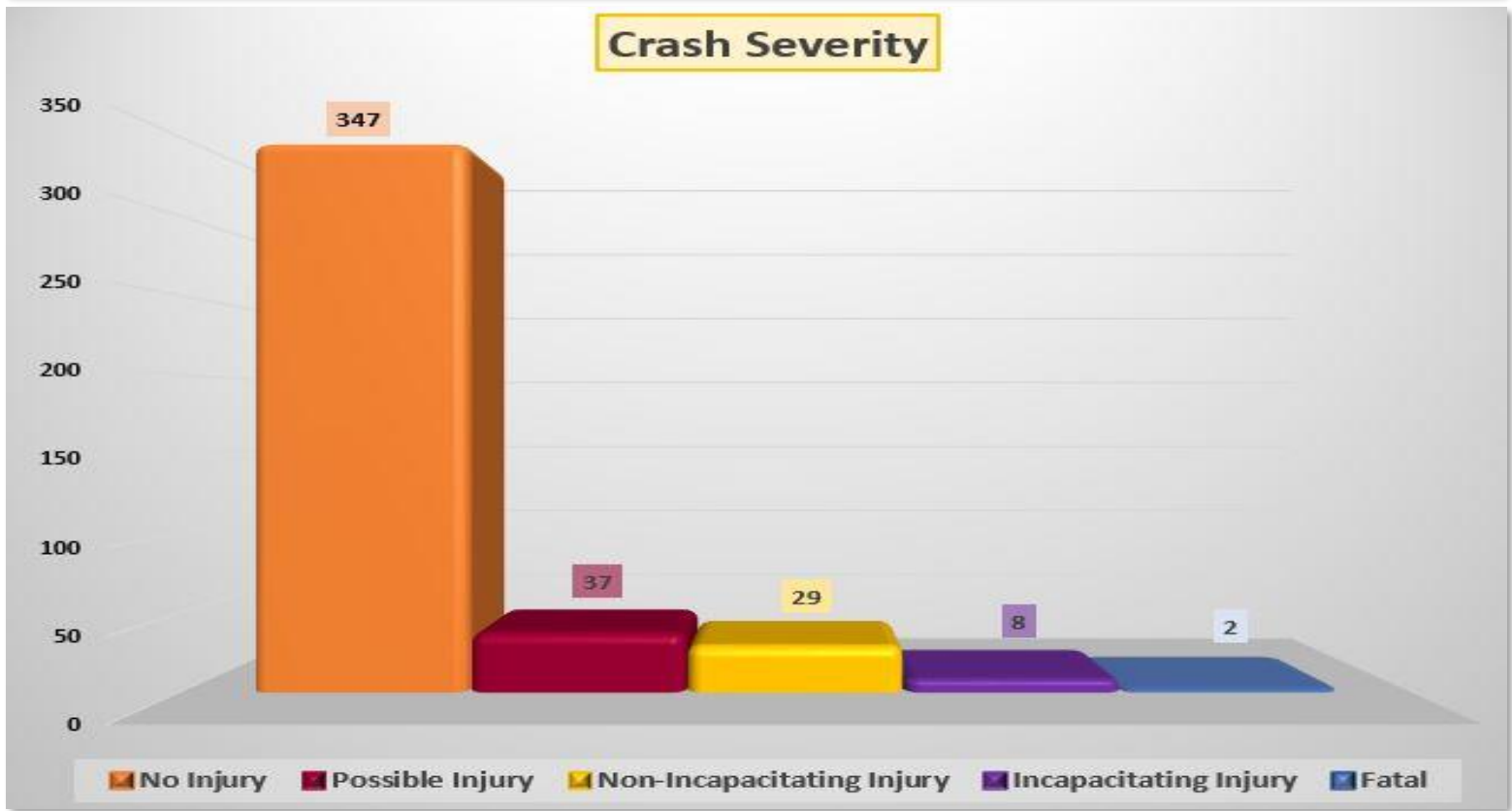
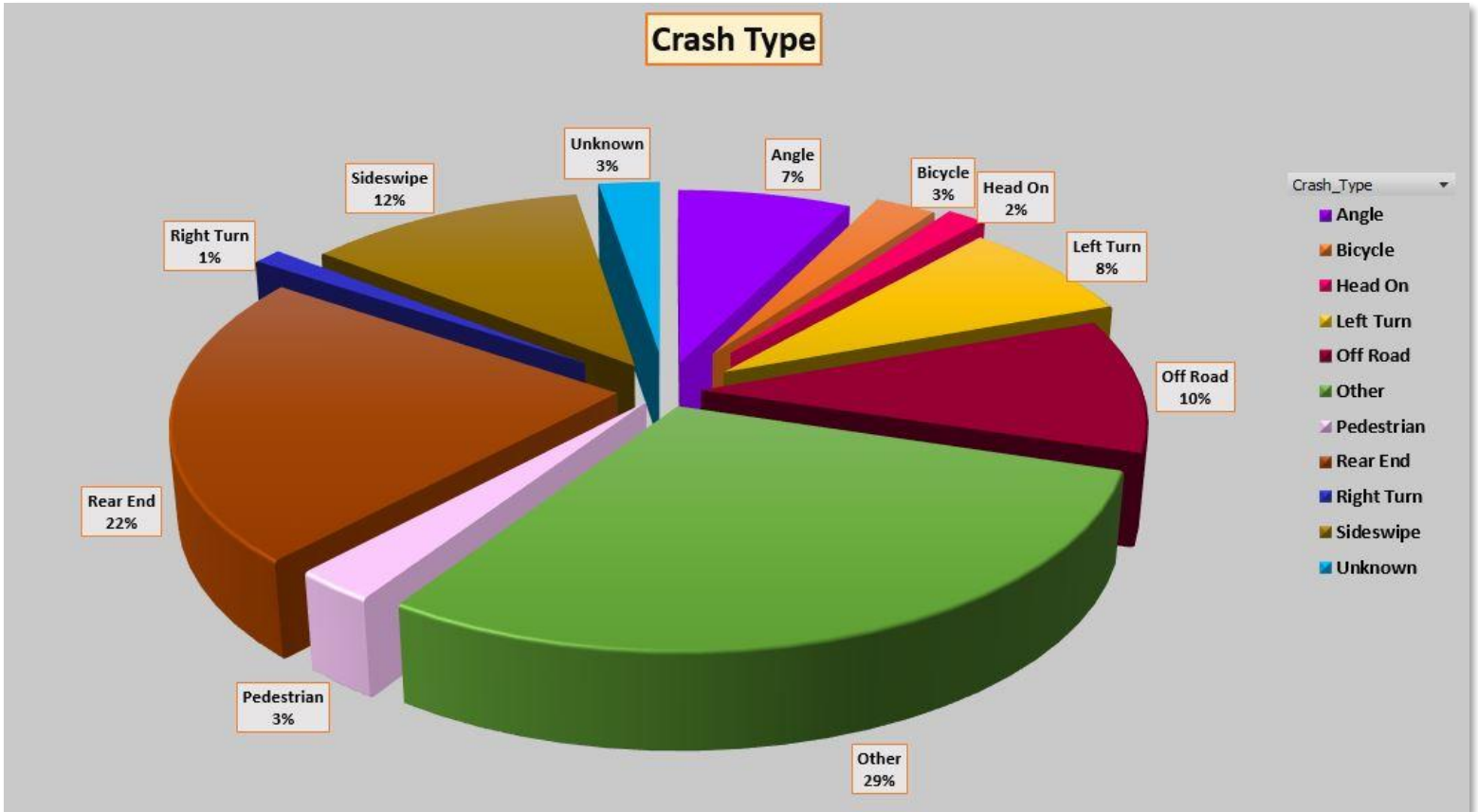
Intersection Break-Down



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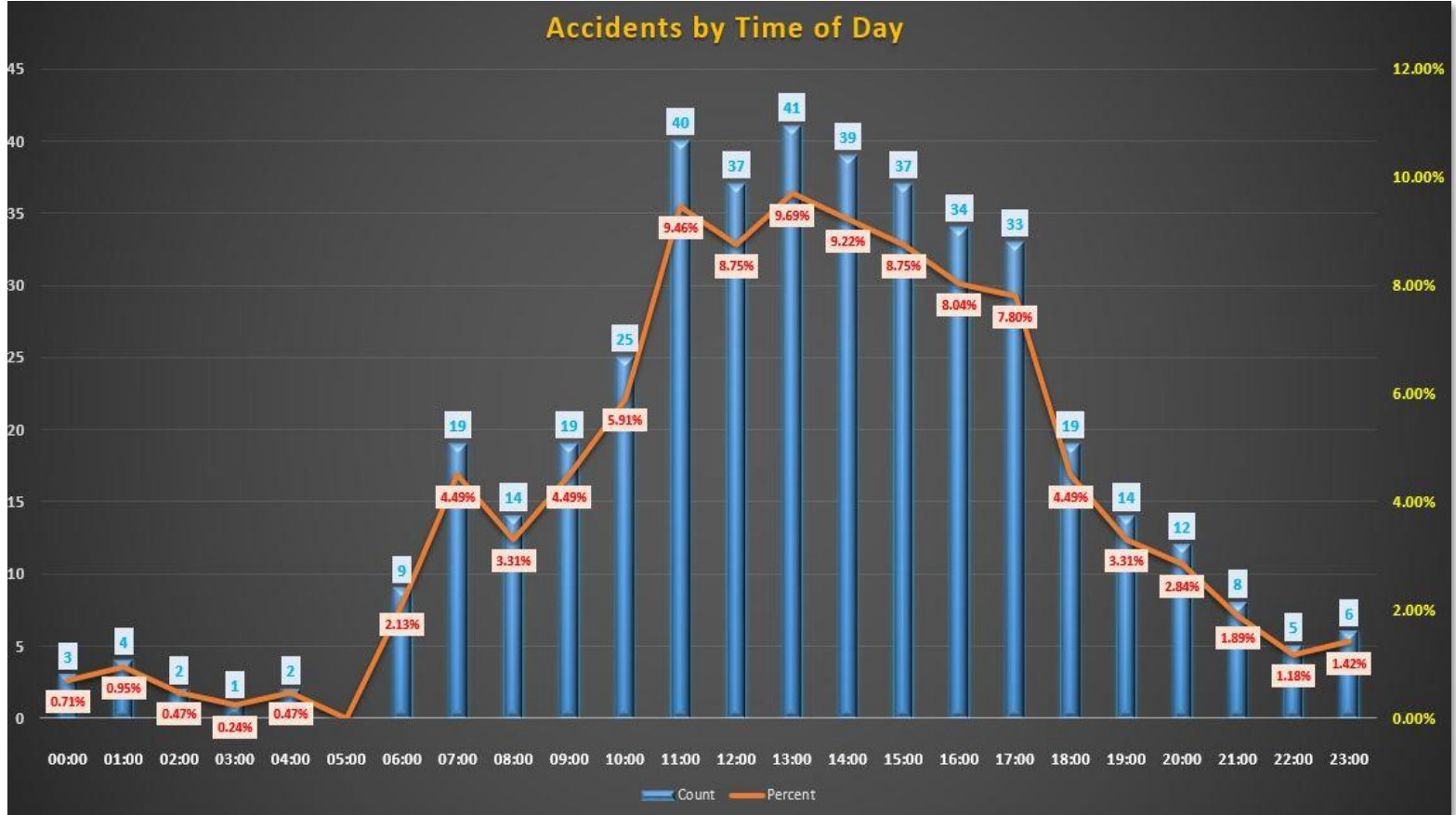
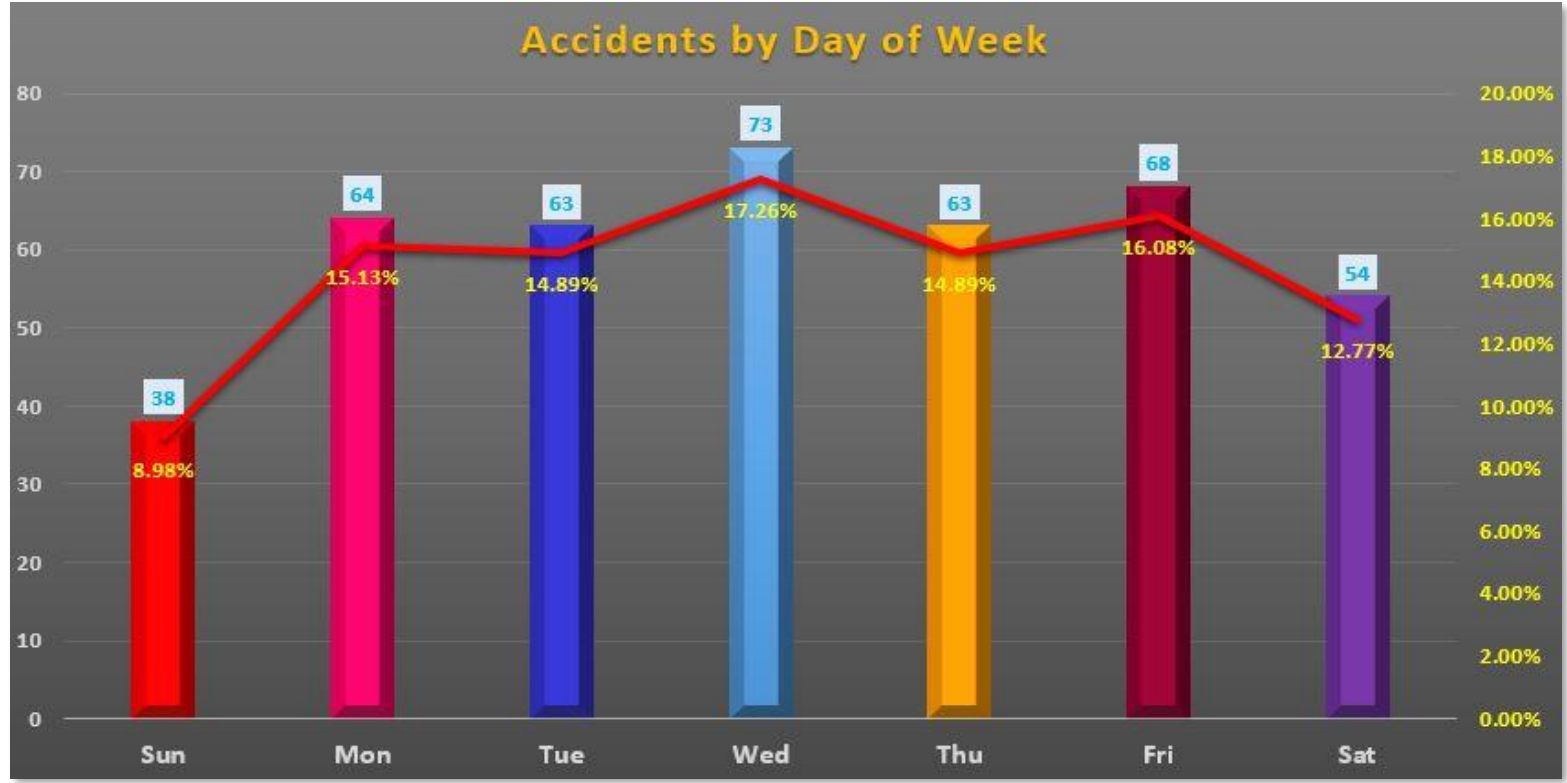


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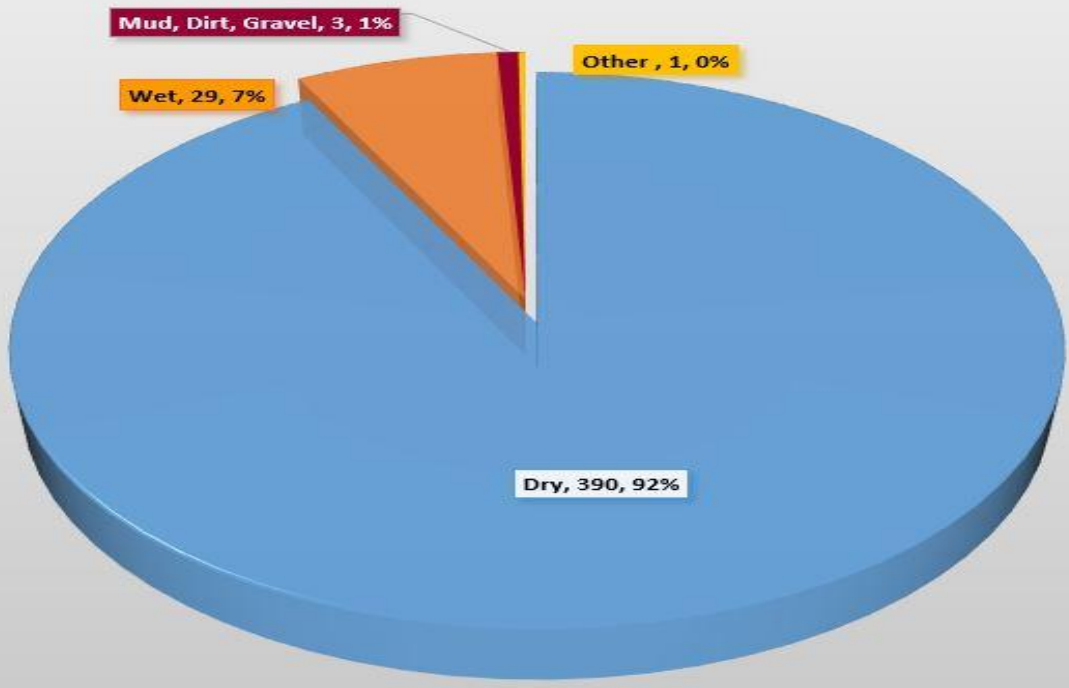
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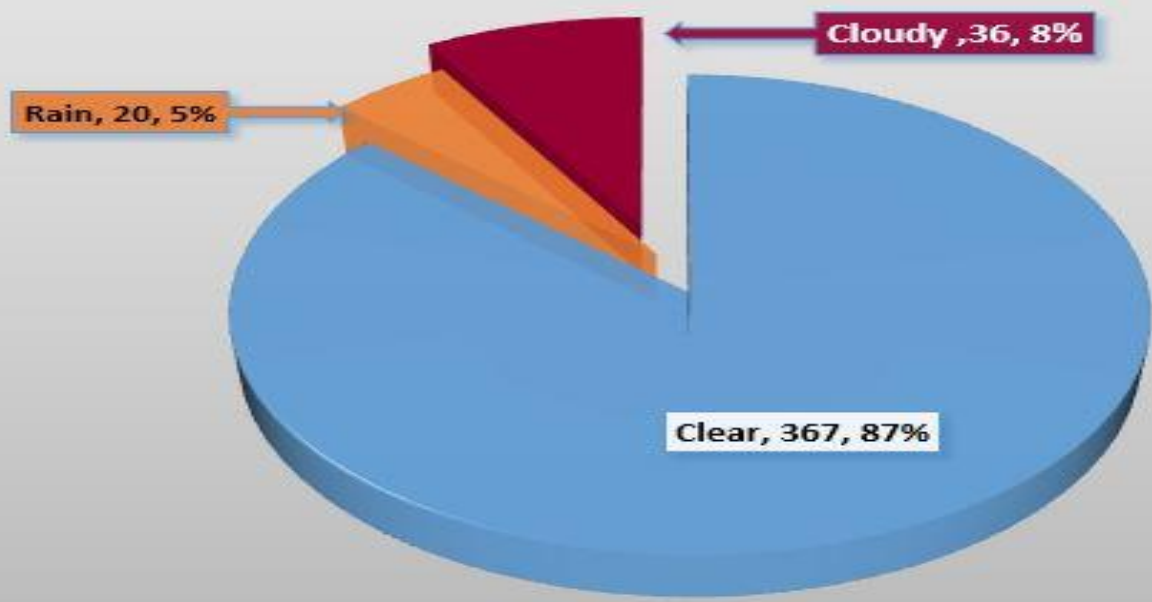


Other Factors Related to Traffic Crash

ROAD SURFACE CONDITION



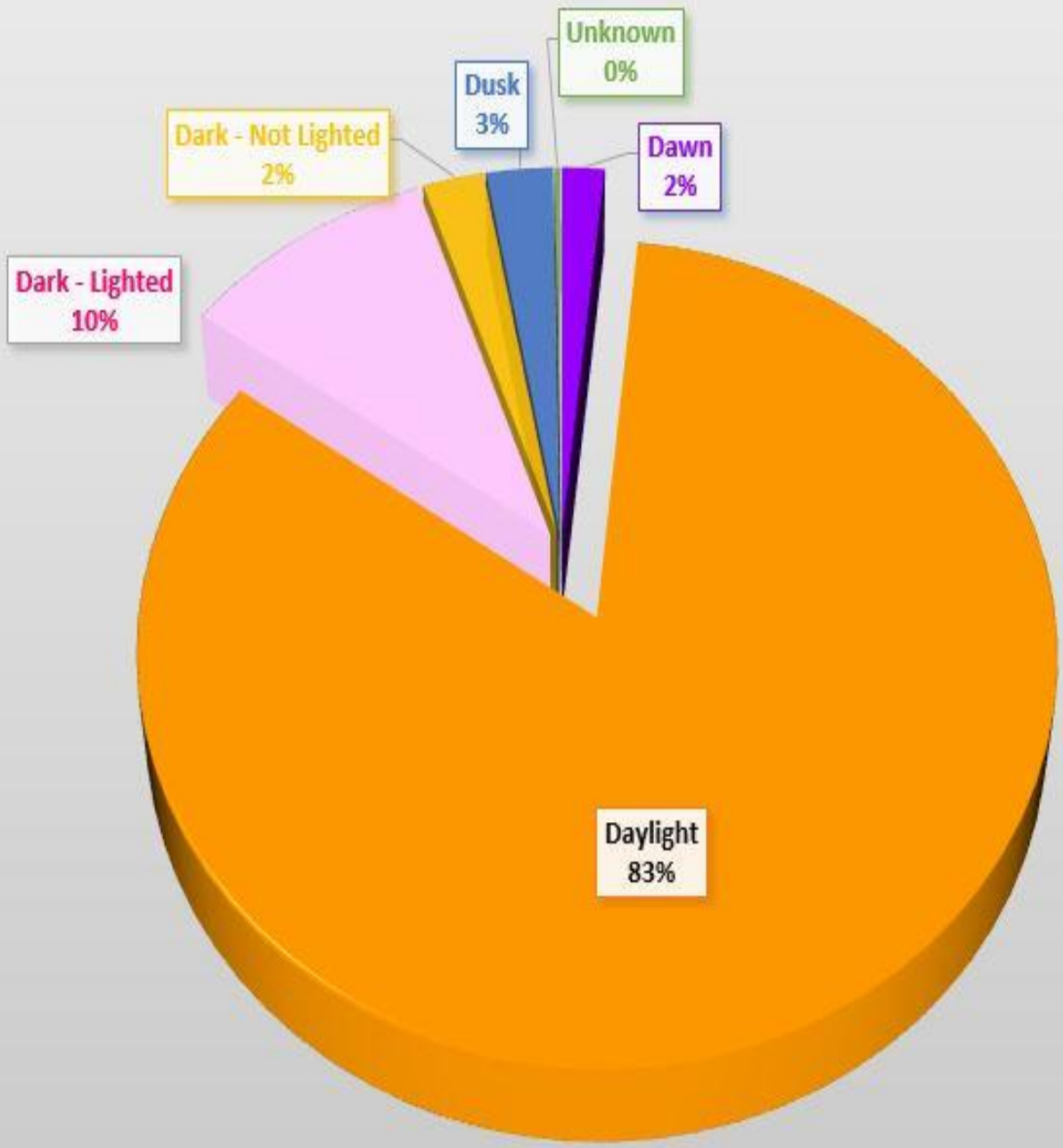
WEATHER CONDITION





Other Factors Related to Traffic Crash

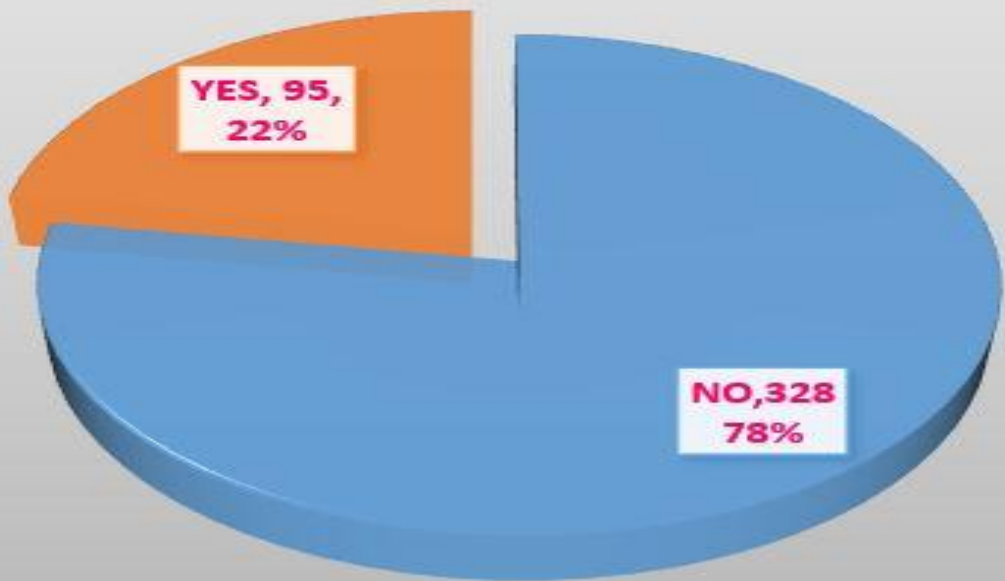
LIGHT CONDITION



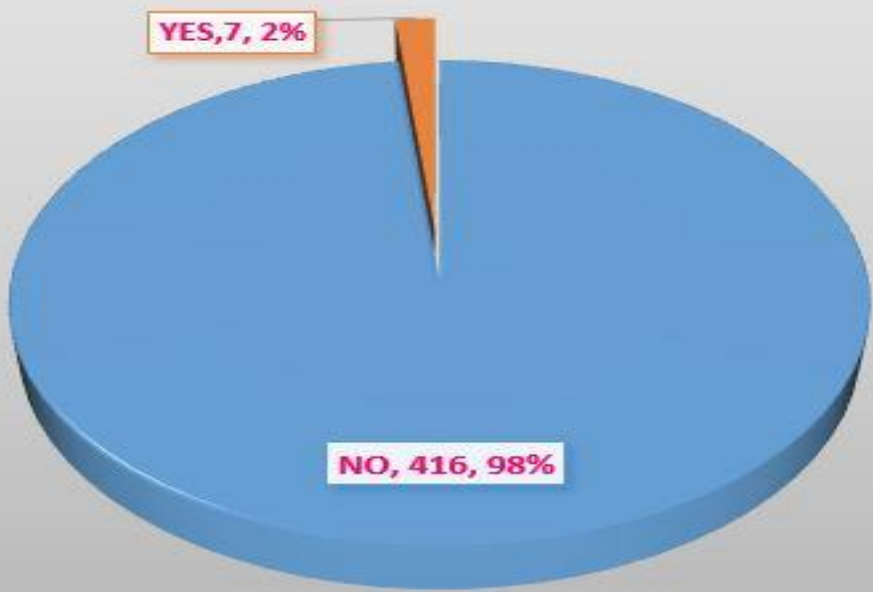


Other Factors Related to Traffic Crash

DISTRACTION RELATED

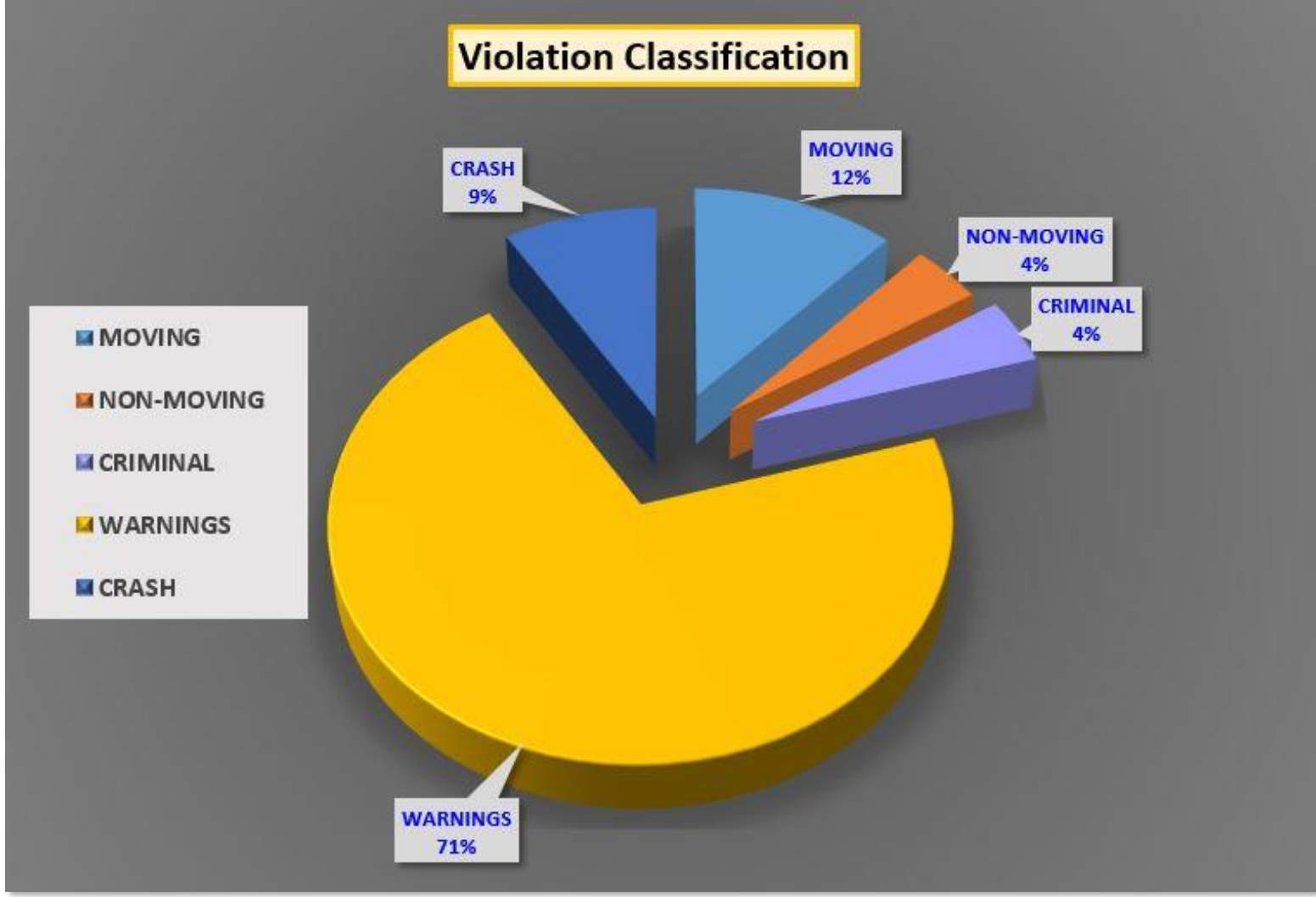


ALCOHOL RELATED





TraCS Violation Classification



TraCS Violation Classification		
Violation	Type	Count
MOVING	UTC	567
NON-MOVING	UTC	198
CRIMINAL	UTC	216
WARNINGS	Warning	3400
CRASH	Accident	423
TOTAL		4804



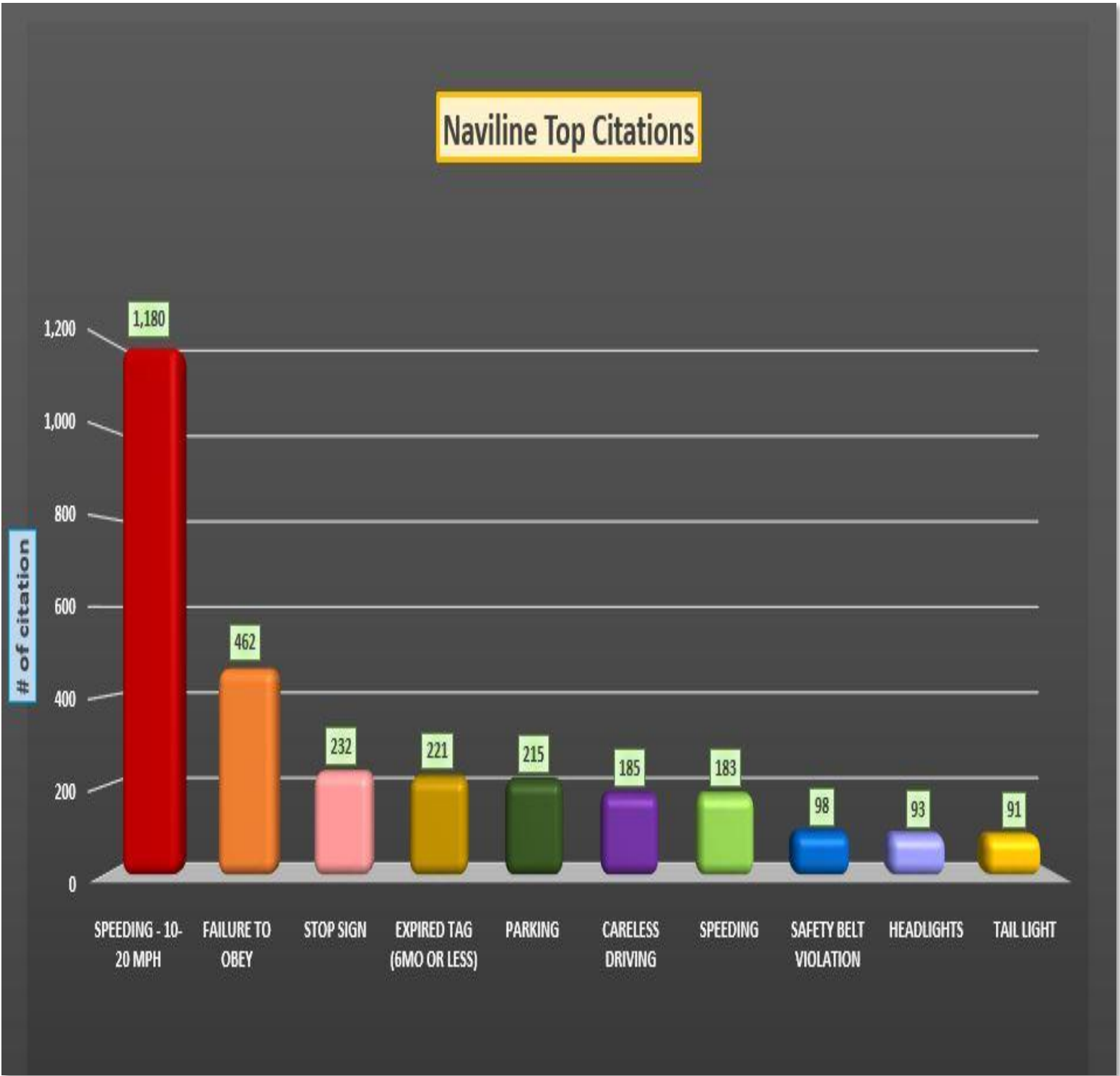
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Naviline Top Citations





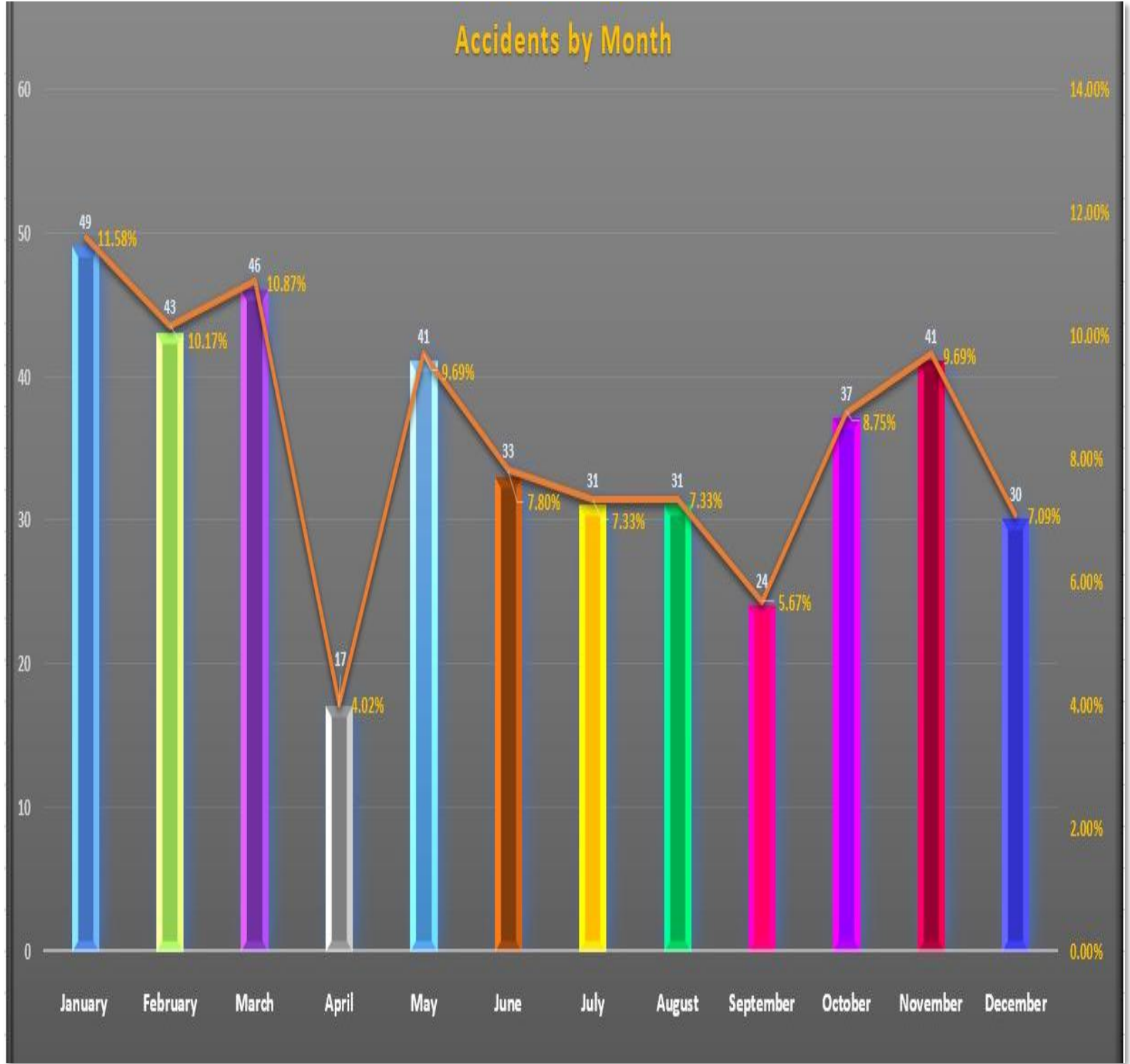
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2020 Accidents by Month





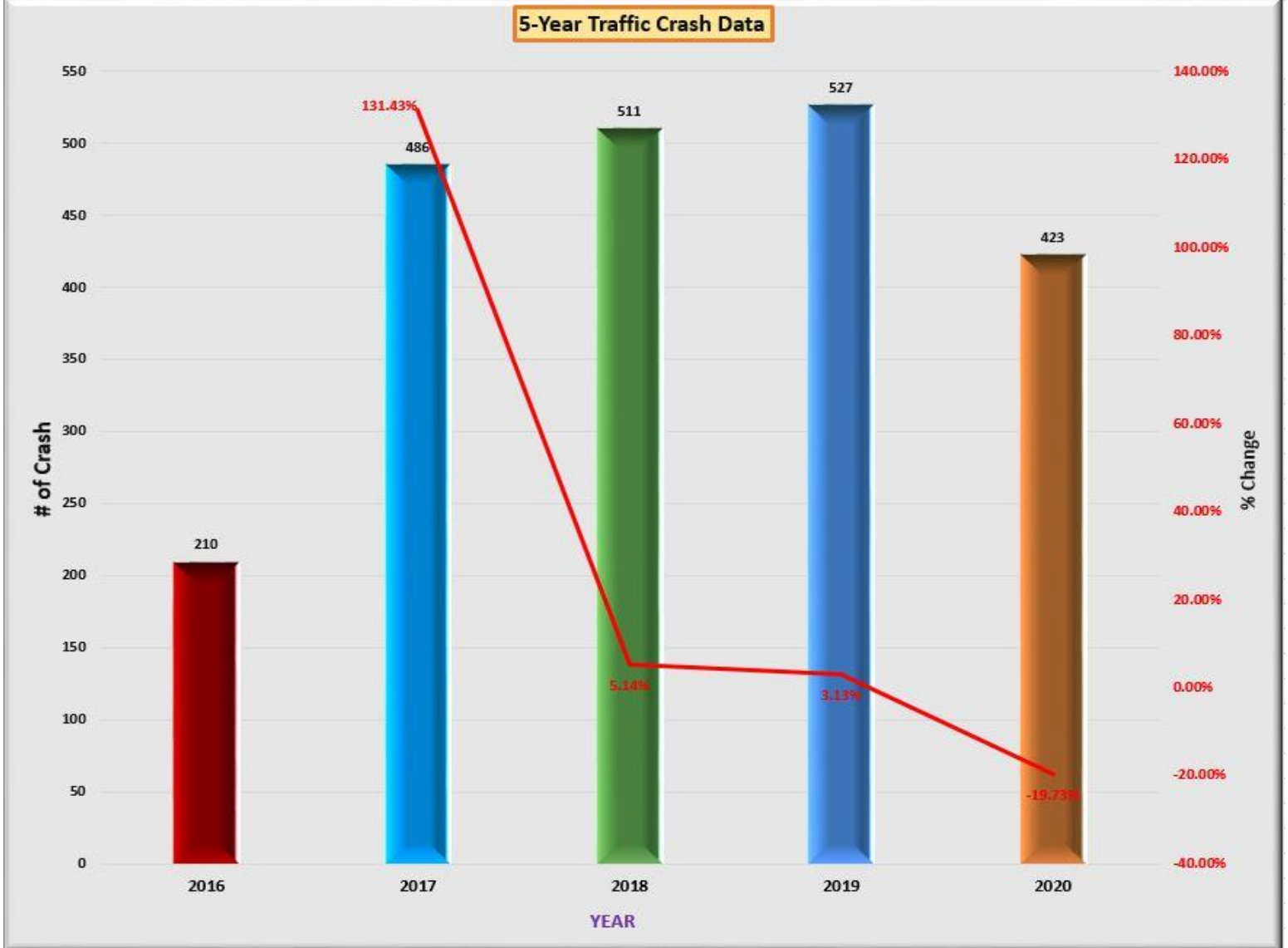
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5-Year Traffic Crash Data



Year	# of incident	% Change from the year before
2016	210	
2017	486	131.43%
2018	511	5.14%
2019	527	3.13%
2020	423	-19.73%
Total	2157	



Data Tables

Time of Day

Time of Day	Count	Percent
00:00	3	0.71%
01:00	4	0.95%
02:00	2	0.47%
03:00	1	0.24%
04:00	2	0.47%
05:00	0	0.00%
06:00	9	2.13%
07:00	19	4.49%
08:00	14	3.31%
09:00	19	4.49%
10:00	25	5.91%
11:00	40	9.46%
12:00	37	8.75%
13:00	41	9.69%
14:00	39	9.22%
15:00	37	8.75%
16:00	34	8.04%
17:00	33	7.80%
18:00	19	4.49%
19:00	14	3.31%
20:00	12	2.84%
21:00	8	1.89%
22:00	5	1.18%
23:00	6	1.42%
Total	423	100.00%

Light Condition

Light Condition	Count	Percent
Dawn	7	1.65%
Daylight	352	83.22%
Dark - Lighted	42	9.93%
Dark - Not Lighted	10	2.36%
Dusk	11	2.60%
Unknown	1	0.24%
Grand Total	423	100.00%

Alcohol Related

Alcohol Related	Count	Percent
NO	416	98.35%
YES	7	1.65%
Grand Total	423	100%

Day of Week

Day of Week	Count	Percent
Sun	38	8.98%
Mon	64	15.13%
Tue	63	14.89%
Wed	73	17.26%
Thu	63	14.89%
Fri	68	16.08%
Sat	54	12.77%
Grand Total	423	100%

Crash Severity

Severity	Count	Percent
No Injury	347	82.03%
Possible Injury	37	8.75%
Non-Incapacitating Injury	29	6.86%
Incapacitating Injury	8	1.89%
Fatal	2	0.47%
Total	423	100%

Road Surface Condition

Road Surface Condition	Count	Percent
Dry	390	92.20%
Wet	29	6.86%
Mud, Dirt, Gravel	3	0.71%
Other	1	0.24%
Grand Total	423	100%

Weather Condition

Weather Condition	Count	Percent
Clear	367	86.76%
Rain	20	4.73%
Cloudy	36	8.51%
Grand Total	423	91%

Distraction Related

Distraction Related	Count	Percent
NO	328	77.54%
YES	95	22.46%
Grand Total	423	100%



Summary

In 2020, there were numbers of traffic speed surveys conducted as follows:

- March 2020, The Rialto/Field St. and Barcelona Ave. Facing the Esplanade
- April 2020, Jacaranda Blvd/Acerno Drive
- May 2020, The Rialto 1000 – 1100 Block
- June 2020, Pinebrook Way/Pinebrook Road
- July 2020, Venetian Parkway/Barbara Drive
- August 2020, Pinebrook Way/Featherbed Lane
- October 2020, Villa Drive
- December 2020, Pinebrook Way/Paradise Way and Barcelona Ave facing the Esplanade

Deploying and conducting traffic surveys may have an impact on traffic crash numbers on locations. The locations where traffic surveys had been observed and analyzed show a lower traffic crash rate in 2020. Thus, it is imperative to conduct traffic surveys accordingly in high traffic crash areas. Also, increased time for high-visibility patrols is recommended.

January (**11.58%**) and March (**10.87%**) 2020 show the highest rate of traffic crashes, while April (**4.05%**) and September (**5.67%**) show the lowest rate of traffic crashes in 2020. In comparison to 2019, the highest rate of traffic crashes occurred in February (**11.36%**) and March (**11.00%**), while the lowest rate of traffic crashes occurred in July (**5.70%**) and June (**6.07%**). However, due to the on-going COVID-19 condition, people may have been discouraged from traveling during that time, decreasing traffic on the road and resulted in fewer traffic crashes.

In addition, out of 423 reported traffic crashes in 2020, eight (8) accidents involved bicyclists (**1.89%**), and 11 accidents involved pedestrians (**2.60%**).



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2020 Accidents by Month

Month	Number of Crash	Average per Day	Percent
January	49	1.58	11.58%
February	43	1.48	10.17%
March	46	1.48	10.87%
April	17	0.57	4.02%
May	41	1.32	9.69%
June	33	1.10	7.80%
July	31	1.00	7.33%
August	31	1.00	7.33%
September	24	0.80	5.67%
October	37	1.19	8.75%
November	41	1.37	9.69%
December	30	0.97	7.09%
Total	423		100%

2019 Accidents by Month

Month	Number of Crash	Average per Day	Percent
January	48	1.55	9.10%
February	60	2.14	11.36%
March	58	1.87	11.00%
April	40	1.33	7.60%
May	39	1.26	7.40%
June	32	1.07	6.07%
July	30	0.97	5.70%
August	53	1.71	10.06%
September	33	1.10	6.26%
October	47	1.52	8.92%
November	46	1.53	8.73%
December	41	3.42	7.78%
Total	527		100%



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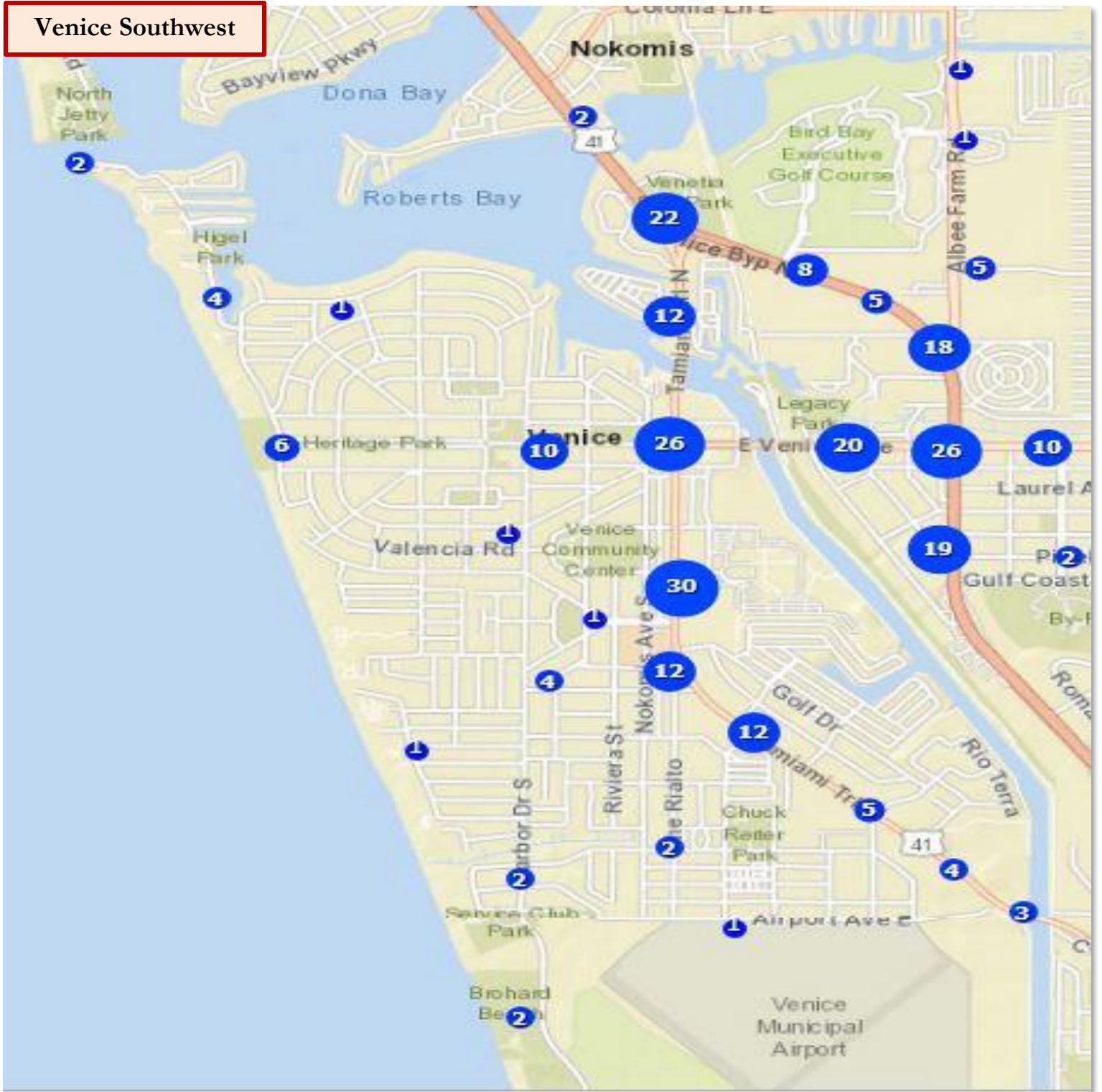
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Traffic Crash Map

Venice Southwest





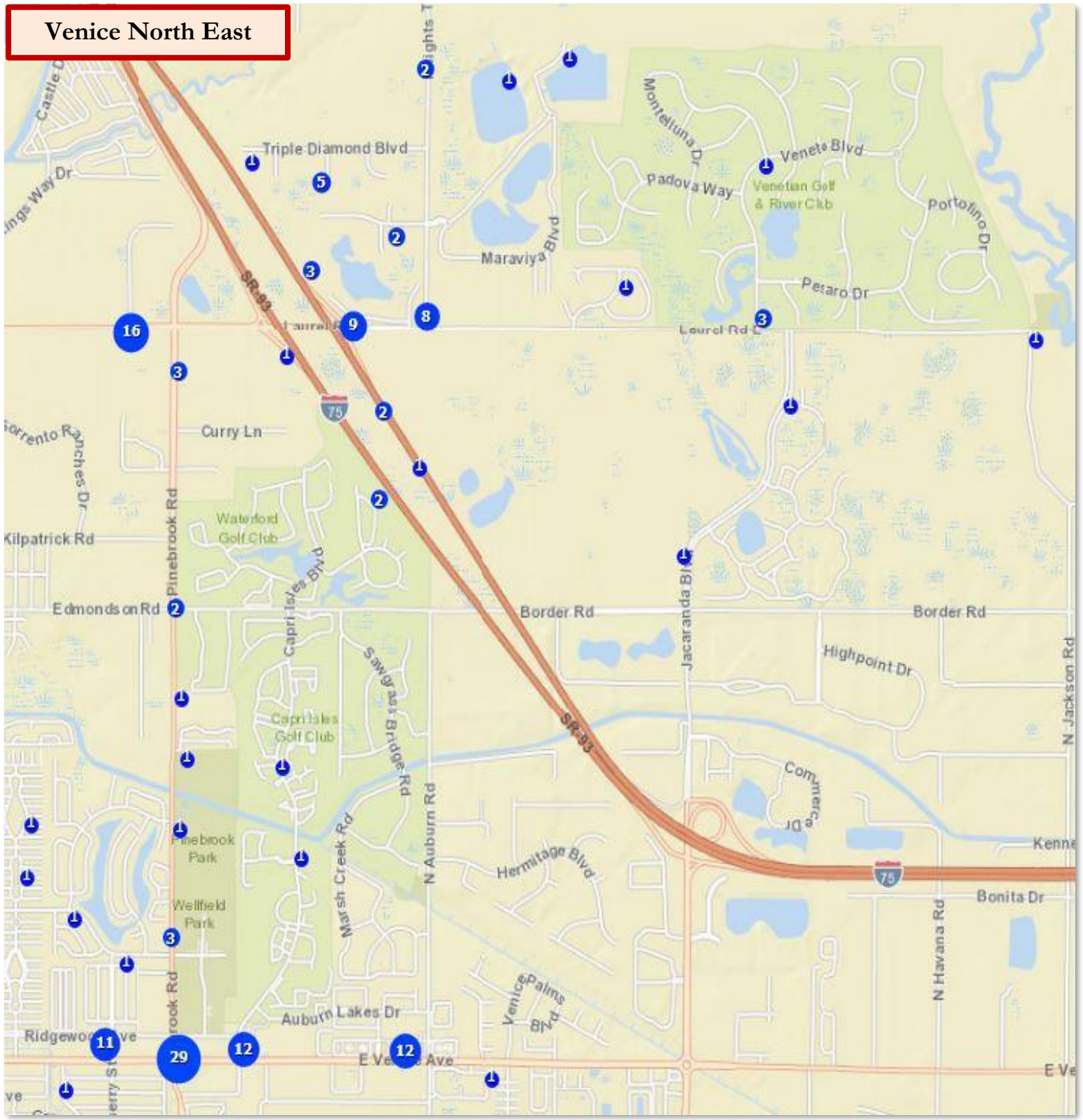
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Venice North East



"Our Citizens, Our Community, Our Commitment"

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