

*Internal Affairs Bureau*  
*2016 Pursuit Analysis*



*Submitted by Cortney Faith*

*Data and Accreditation Specialist*

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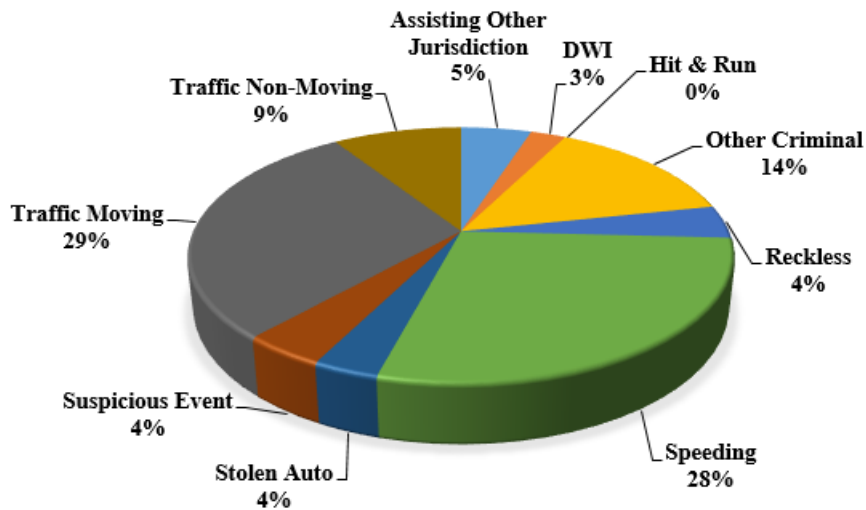
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**Pursuit Initiation 2013 – 2016**

*Total Pursuits*  
**2013 – 120**  
**2014 – 115**  
**2015 – 118**  
**2016 – 134**  
*Total - 488*

<b>Reason for Pursuit Initiation</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
<b>Assisting Other Jurisdiction</b>	6	6	7	13	<b>32</b>
<b>DWI</b>	3	2	1	3	<b>9</b>
<b>Hit &amp; Run</b>	0	0	1	2	<b>3</b>
<b>Other Criminal</b>	17	17	20	29	<b>83</b>
<b>Reckless</b>	5	14	12	6	<b>37</b>
<b>Speeding</b>	34	21	24	23	<b>102</b>
<b>Stolen Auto</b>	4	6	5	5	<b>20</b>
<b>Suspicious Event</b>	5	3	5	6	<b>19</b>
<b>Traffic Moving</b>	35	30	33	37	<b>135</b>
<b>Traffic Non-Moving</b>	11	16	11	10	<b>48</b>
<b>Total</b>	<b>120</b>	<b>115</b>	<b>119</b>	<b>134</b>	<b>488</b>

**REASON FOR PURSUITS - 2016**



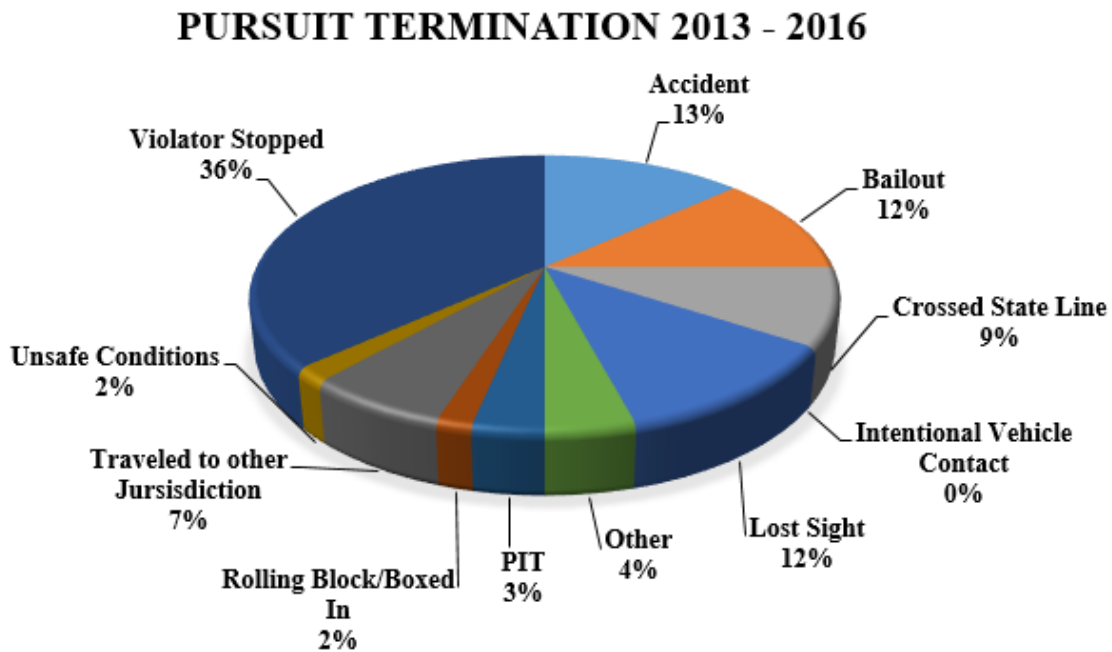
***Top 3 Reasons for Pursuit Initiation 2013 - 2016***

- **2016** – 29% of pursuits were initiated due to moving traffic violations, 28% for speeding, and 14% for other criminal offenses.
- **2015** – 31% of pursuits were initiated due to moving traffic violations, 21% for speeding, and 15% for other criminal offenses.
- **2014** – 26% of pursuits were initiated due to moving traffic violations, 18% for speeding, and 15% for other criminal offenses.
- **2013** – 29% of pursuits were initiated due to moving traffic violations, 28% for speeding, and 14% for other criminal offenses.

## Pursuit Termination 2013 – 2016

Termination of Pursuits	2013	2014	2015	2016	Total
Accident	16	25	21	6	<b>68</b>
Bailout	14	18	11	13	<b>56</b>
Crossed State Line	11	8	11	8	<b>38</b>
Intentional Vehicle Contact	0	0	0	0	<b>0</b>
Lost Sight	14	16	17	24	<b>71</b>
Other	5	5	11	4	<b>25</b>
PIT	4	4	8	13	<b>29</b>
Rolling Block/Boxed In	2	4	2	7	<b>15</b>
Traveled to other Jursisdiction	8	9	12	22	<b>51</b>
Unsafe Conditions	2	4	3	5	<b>14</b>
Violator Stopped	44	22	23	32	<b>121</b>
<b>Total</b>	<b>120</b>	<b>115</b>	<b>119</b>	<b>134</b>	<b>488</b>

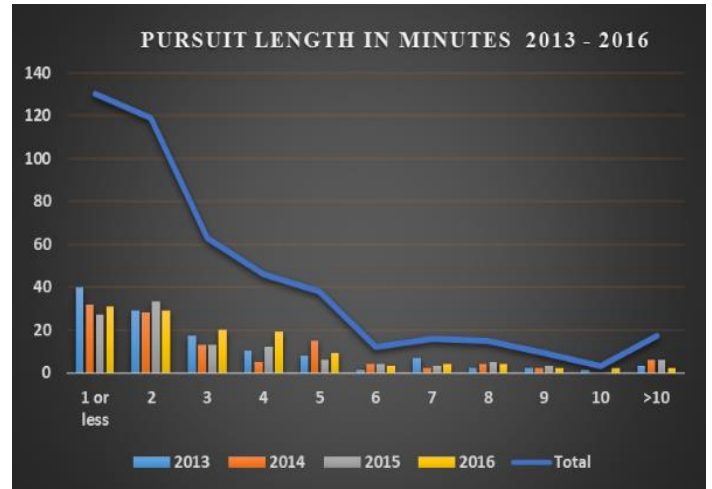
Pursuit terminations for 2016 were most often the cause of the violator finally stopping the vehicle, an accident occurring, or from losing site of the vehicle. These three events are also the top three termination reasons for the previous three years.



\*This chart illustrates the total of 2013 to 2016 pursuits and their breakdown of terminations or conclusions. Violator Stopped, Accident, and Lost Sight represent over 60% of pursuit termination reasons for 2016.

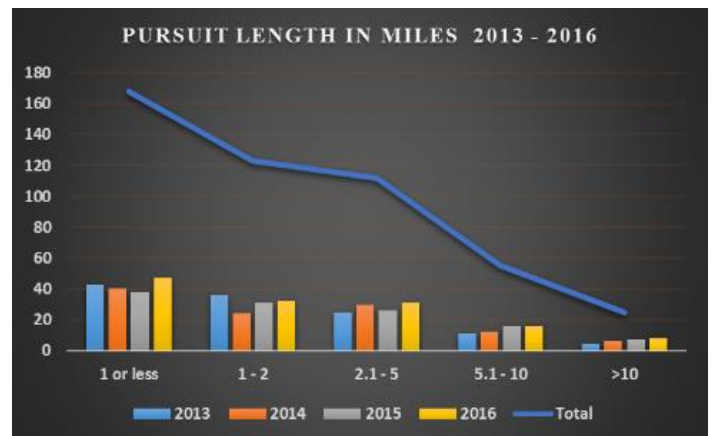
## Pursuit Length in Minutes and Miles 2013 – 2016

Length of Pursuits in Minutes	2013	2014	2015	2016	Total
1 or less	40	32	27	31	130
2	29	28	33	29	119
3	17	13	13	20	63
4	10	5	12	19	46
5	8	15	6	9	38
6	1	4	4	3	12
7	7	2	3	4	16
8	2	4	5	4	15
9	2	2	3	2	9
10	1	0	0	2	3
>10	3	6	6	2	17



- Minutes** - For years 2013 through 2016, both as a total of all years and broken down by each year, most pursuits were under two minutes in length. The majority of those pursuit being under one minute in length.
- Miles** – For years 2013 through 2016, both as a total of all years and broken down by each year, most pursuits were under two miles in length. In 2016, 35% of pursuits concluded after one mile or less and 24% concluded between one to two miles.

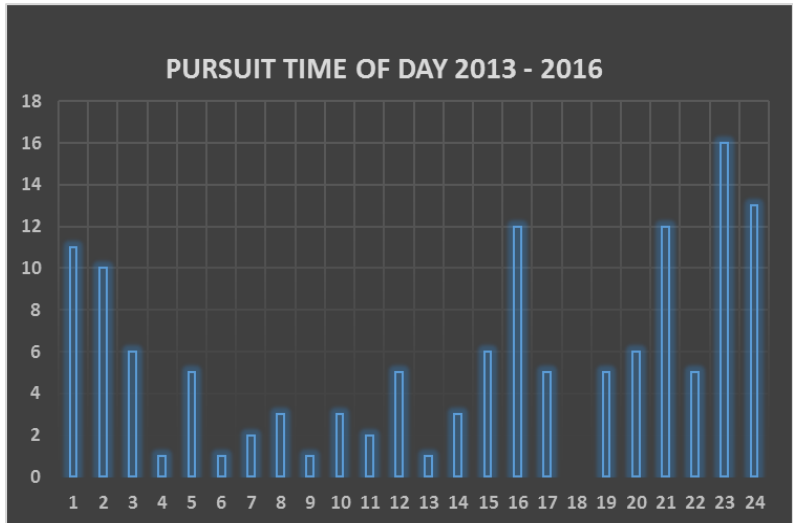
Length of Pursuits in Miles	2013	2014	2015	2016	Total
1 or less	43	40	38	47	168
1 - 2	36	24	31	32	123
2.1 - 5	25	30	26	31	112
5.1 - 10	11	12	16	16	55
>10	4	6	7	8	25



- 2016** – 45% of pursuits lasted two minutes or less. 59% of pursuits lasted two miles or less.
- 2015** – 51% of pursuits lasted two minutes or less. 58% of pursuits lasted two miles or less.
- 2014** – 52% of pursuits lasted two minutes or less. 56% of pursuits lasted two miles or less.
- 2013** – 57% of pursuits lasted two minutes or less. 66% of pursuits lasted two miles or less.

**Pursuit Time of Day and Day of Week 2013 – 2016**

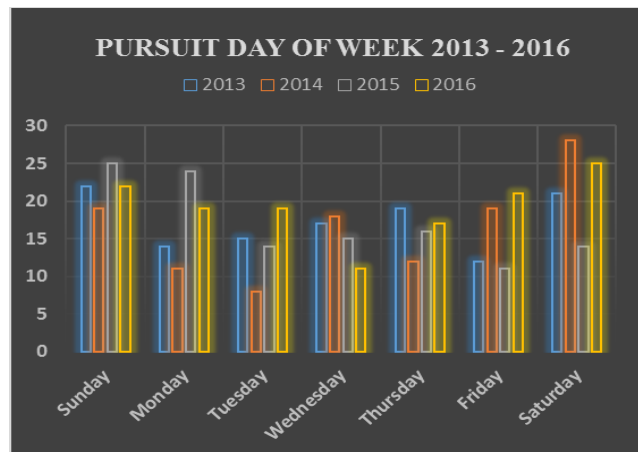
Pursuit Time of Day	2013	2014	2015	2016
0100	12	12	7	11
0200	15	11	5	10
0300	7	7	4	6
0400	2	4	1	1
0500	2	0	4	5
0600	6	1	3	1
0700	1	1	1	2
0800	3	1	4	3
0900	2	0	1	1
1000	5	2	3	3
1100	2	0	3	2
1200	2	4	1	5
1300	2	2	6	1
1400	6	2	4	3
1500	1	2	3	6
1600	4	4	4	12
1700	3	6	5	5
1800	0	3	2	0
1900	4	2	5	5
2000	4	3	7	6
2100	10	10	5	12
2200	5	6	13	5
2300	19	11	11	16
2400	8	11	12	13



Statistically from 2013 through 2016, 2100 to 0300 hours has been the most active time for pursuits to occur each year.

- 2016 – 40% of pursuits occurred between 2100 – 0300 hours.

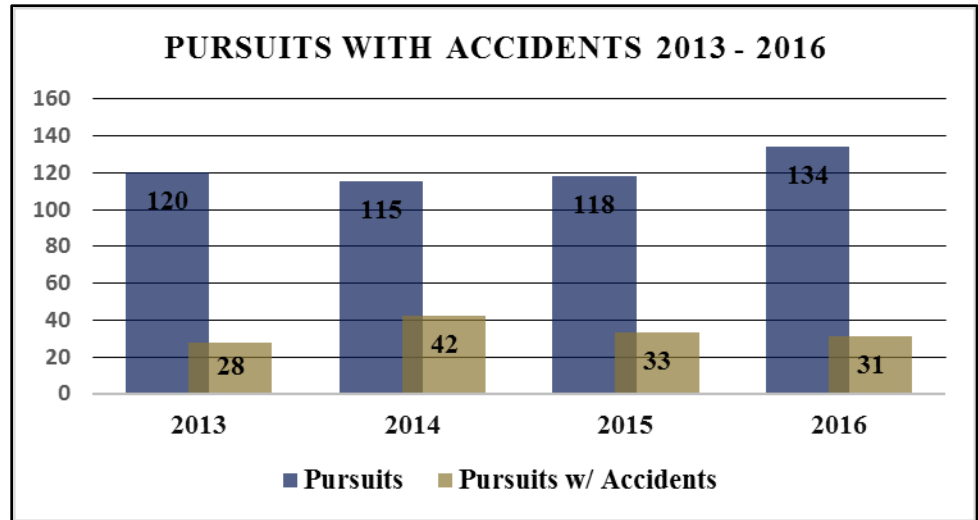
Pursuits Day of Week	2013	2014	2015	2016	Total
Sunday	22	19	25	22	88
Monday	14	11	24	19	68
Tuesday	15	8	14	19	56
Wednesday	17	18	15	11	61
Thursday	19	12	16	17	64
Friday	12	19	11	21	63
Saturday	21	28	14	25	88
Total	120	115	119	134	488



- 2016 – Sunday, Friday, and Saturday were the three most active days for pursuits to occur.
- 2015 – Sunday, Monday, and Thursday were the three most active days for pursuits to occur.
- 2014 – Sunday, Friday, and Saturday were the three most active days for pursuits to occur.
- 2013 – Sunday, Thursday, and Saturday were the three most active days for pursuits to occur.

**Pursuit Accidents, Injuries, and Damage 2013 – 2016**

<i>Pursuits w/ Accidents</i>
2013 – 28
2014 – 42
2015 – 33
2016 – 31
<i>Total - 134</i>



Accidents that occurred during a pursuit will not be equal to the amount of accidents that terminated a pursuit. Some accidents involving the suspect vehicle might not have brought the suspect to a stop at that time. Some accidents may have involved police vehicles only and/or citizen vehicles that did not bring the pursuit to a conclusion.

- **2016** – 23% of the total pursuits resulted in an accident occurring.
- **2015** – 28% of the total pursuits resulted in an accident occurring.
- **2014** – 36% of the total pursuits resulted in an accident occurring.
- **2013** – 23% of the total pursuits resulted in an accident occurring.

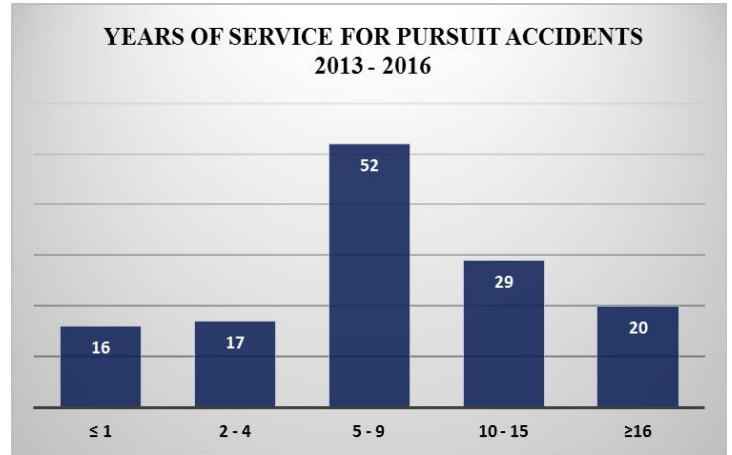
Pursuit Injuries	2013	2014	2015	2016
Injury to Suspect	6	15	9	9
Injury to Officer	2	0	0	0
Injury to Bystander	2	3	5	3

Pursuit Property Damage	2013	2014	2015	2016
Fleeing Vehicles	24	40	27	29
Police Vehicles	5	16	9	9
Uninvolved Vehicles	10	8	5	6

Pursuit Cost of Damage	2013	2014	2015	2016
Suspect Vehicles	150,050	130,500	142,100	223,700
Other Vehicles	42,000	21,400	1,300	35,300
Police Vehicles	53,650	19,500	33,120	21,390
<b>Total</b>	<b>245,700</b>	<b>171,400</b>	<b>176,520</b>	<b>280,390</b>

## Pursuit Years of Service and Weather Factors 2013 – 2016

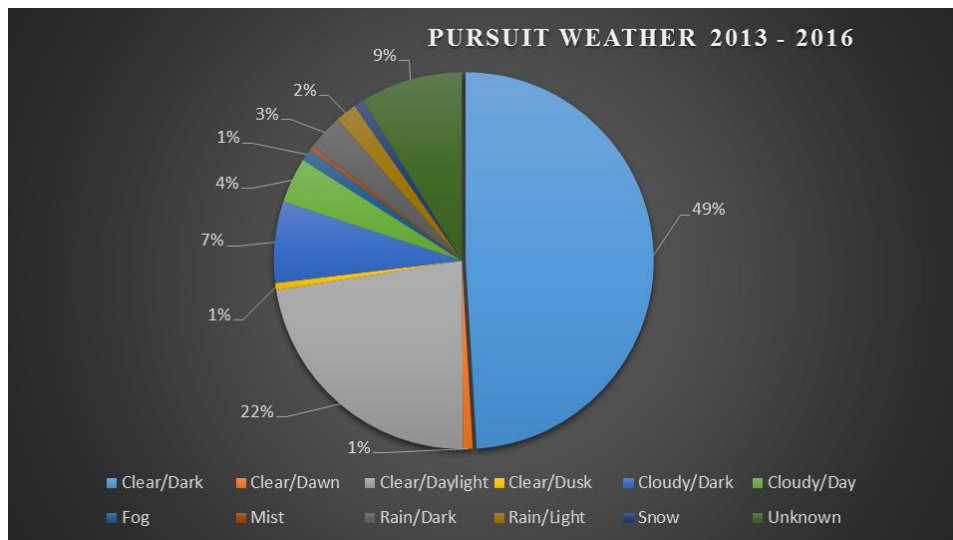
Years of Service for Pursuit Accidents	2013	2014	2015	2016	Total
≤ 1	1	4	4	7	16
2 - 4	2	4	5	6	17
5 - 9	14	14	13	11	52
10 - 15	6	11	6	6	29
≥16	5	9	5	1	20
<b>Total</b>	<b>28</b>	<b>42</b>	<b>33</b>	<b>31</b>	<b>134</b>



For 2013 through 2016, officers with *five to nine years* of service were most likely to be involved in accidents during pursuits. This group is followed by officers with *ten to fifteen years* of service. Officers in these two groups are more likely to be involved in pursuits due to these groups making up a large percentage of the overall department, as well as, having more training and experience to be involved in a pursuit. Thus, making them more exposed to the possibility of being involved in an accident during a pursuit.

Pursuit Weather	2013	2014	2015	2016	Total
Clear/Dark	57	58	56	68	239
Clear/Dawn	2	0	1	1	4
Clear/Daylight	24	24	31	31	110
Clear/Dusk	0	0	3	0	3
Cloudy/Dark	8	12	6	8	34
Cloudy/Day	7	1	4	7	19
Fog	1	2	1	1	5
Mist	1	0	1	0	2
Rain/Dark	6	4	2	3	15
Rain/Light	4	2	1	2	9
Snow	0	1	1	2	4
Unknown	10	11	11	11	43

- Over 51% of pursuits occur during night-time hours under clear conditions.
- 21% of pursuits occur during daylight our under clear conditions.
- 17% of pursuits occur during cloudy conditions during day and night.
- Only a very small percentage of pursuits occur during wet conditions.





*Precision Immobilization Technique 2013 – 2016*

<b>Precision Immobilization Technique Usage by Year</b>					
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Total</b>	<b>11</b>	<b>10</b>	<b>6</b>	<b>11</b>	<b>17</b>

<b>2016 Precision Immobilization Technique</b>		
<b>Station/Entity</b>	<b>Attempts</b>	<b>Successful</b>
<b>Fair Oaks District Station</b>	4	4
<b>Franconia District Station</b>	2	2
<b>McLean District Station</b>	4	3
<b>Mount Vernon District Station</b>	7	4
<b>Total</b>	<b>17</b>	<b>13</b>