Stolen Vehicle Confidence Interval Analysis

<table>
<thead>
<tr>
<th>Time Range</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>5 Yr Avg</th>
<th>Expected Average Range (Low to High)</th>
</tr>
</thead>
<tbody>
<tr>
<td>365 Day to Date</td>
<td>3341</td>
<td>2081</td>
<td>1485</td>
<td>1074</td>
<td>1094</td>
<td>757</td>
<td>1639</td>
<td>810</td>
</tr>
<tr>
<td>Year to Date</td>
<td>1285</td>
<td>523</td>
<td>453</td>
<td>357</td>
<td>396</td>
<td>501</td>
<td>586</td>
<td>247</td>
</tr>
<tr>
<td>28-Day to Date</td>
<td>271</td>
<td>109</td>
<td>99</td>
<td>54</td>
<td>69</td>
<td>91</td>
<td>116</td>
<td>39</td>
</tr>
<tr>
<td>Week-to-Date</td>
<td>61</td>
<td>35</td>
<td>33</td>
<td>14</td>
<td>15</td>
<td>20</td>
<td>30</td>
<td>13</td>
</tr>
</tbody>
</table>

- 2018’s stolen vehicle numbers were **above** the expected average range for all time periods.
- 2023’s year to date stolen vehicle numbers is the only category to **below** the expected average range.
- There was a 77.3% **decrease** in reported stolen cars to APD from 2018 to 2023.
Stolen Vehicle Trends Within Last 5 Years

- The year to date, 28-day, and week-to-date numbers show an **INCREASE** in stolen vehicles since 2021.
- All three time periods have approximately a 30% **INCREASE** compared to the same dates in 2022.
- The 365-day to date numbers show a 30.8% **DECREASE** in stolen vehicles since 2022.

Anchorage Police Department 05/03/2023
Monthly Trends

• There was a 44% **INCREASE** in stolen vehicles between March 2022 and March 2023 (144 stolen vehicles in March 2023 compared to 100 stolen vehicles in March 2022).

• There was a 33.3% **DECREASE** in stolen vehicles between March 2023 and April 2023 (144 stolen vehicles in March 2023 compared to 96 stolen vehicles in April 2023).

• **DISCLAIMER:** May 2023 appears to have low numbers in the graph because it only includes 05/01/2023.
A review of the top 10 stolen vehicle makes between January - April of 2018-2023 and January – April of just this year shows an INCREASE in Hyundai and Kia thefts.

However, when only counting the top 10 stolen vehicle of April 2018-2023 compared to only April of this year, the theft rates for all models appear to be similar.
Kia/Hyundai Thefts

- There was a 84.8% DECREASE in stolen Kias and Hyundais between March 2023 and April 2023 (33 stolen Kias/Hyundais in March 2023 compared to 5 stolen vehicles in April 2023).
- The sharp DECREASE was due to the discovery of a theft series and the subsequent arrest of the offender.
- Kia and Hyundai theft numbers appear to have stabilized since the arrest, but may continue to cause problems if other series occur.

Anchorage Police Department 05/03/2023