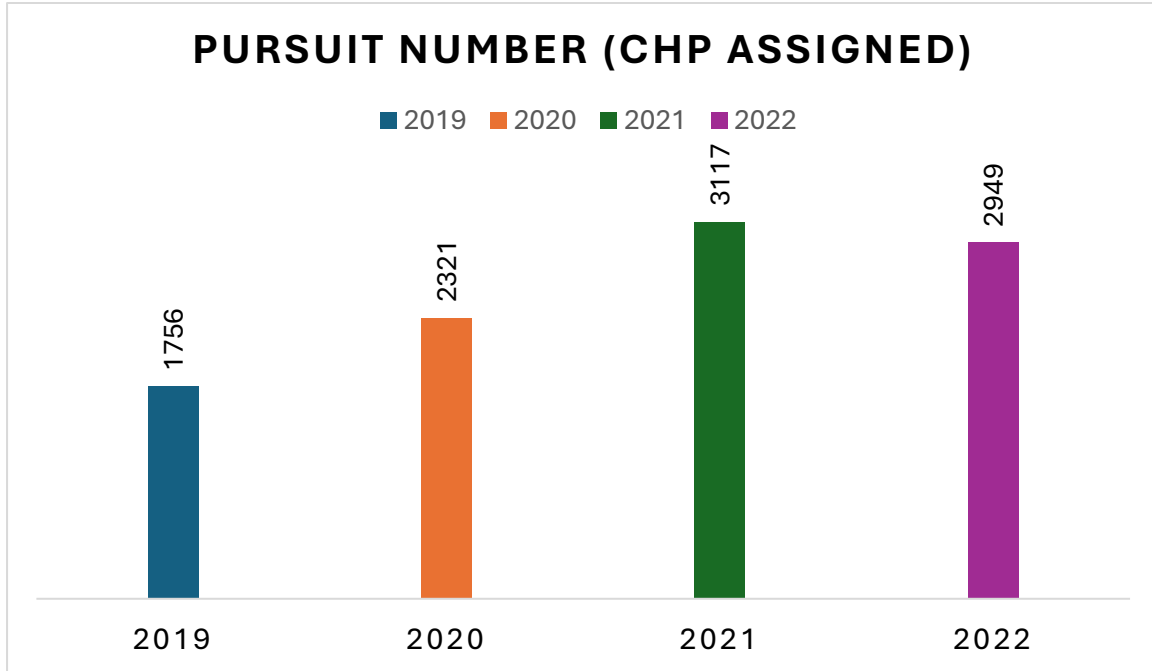


**CALIFORNIA HIGHWAY PATROL**  
**(CHP) PURSUIT DATA ANALYSIS**

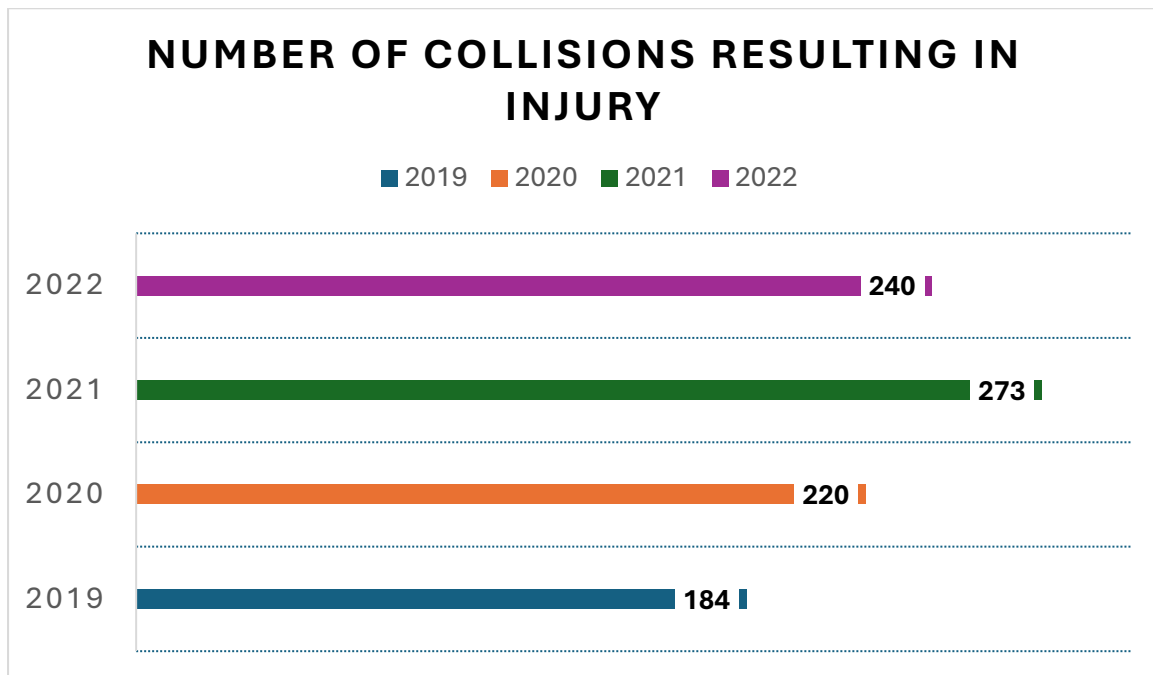
# LOS ANGELES POLICE DEPARTMENT

## Number of Pursuits:



**Based on the Los Angeles Police Departments CHP Pursuit Data, illustrated in the figure above, the year 2021 experienced the highest number of pursuits, totalling 3117. For comparison, there were 1756 pursuits in 2019, 2321 in 2020, and 2949 in 2022.**

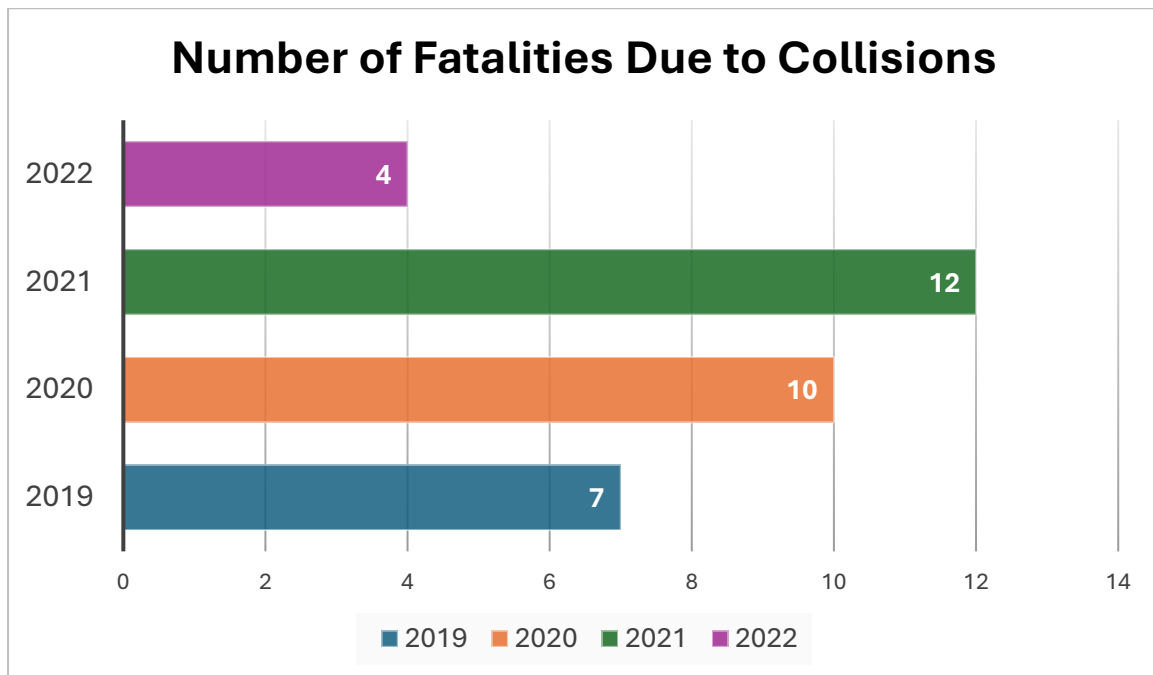
## Collisions Resulting in Injuries



**The bar chart shows the number of collisions resulting in injury from 2019 to 2022. Here's a breakdown of the data:**

1. **2019:** 184 collisions resulting in injury.
2. **2020:** 220 collisions resulting in injury, an increase of 36 incidents compared to 2019.
3. **2021:** 273 collisions resulting in injury, an increase of 53 incidents compared to 2020.
4. **2022:** 240 collisions resulting in injuries.

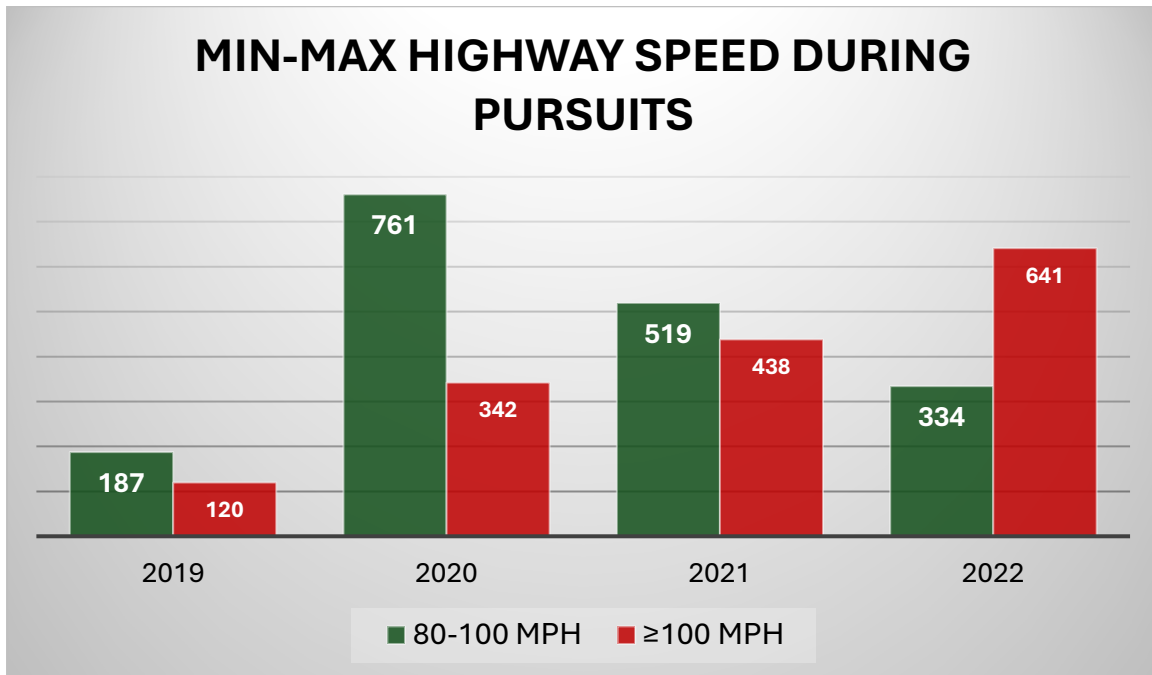
## Fatalities Due to Collisions



**This bar chart illustrates the number of fatalities due to collisions from 2019 to 2022. Here's the data breakdown:**

1. **2019:** 7 fatalities
2. **2020:** 10 fatalities
3. **2021:** 12 fatalities, the highest during this period.
4. **2022:** 4 fatalities

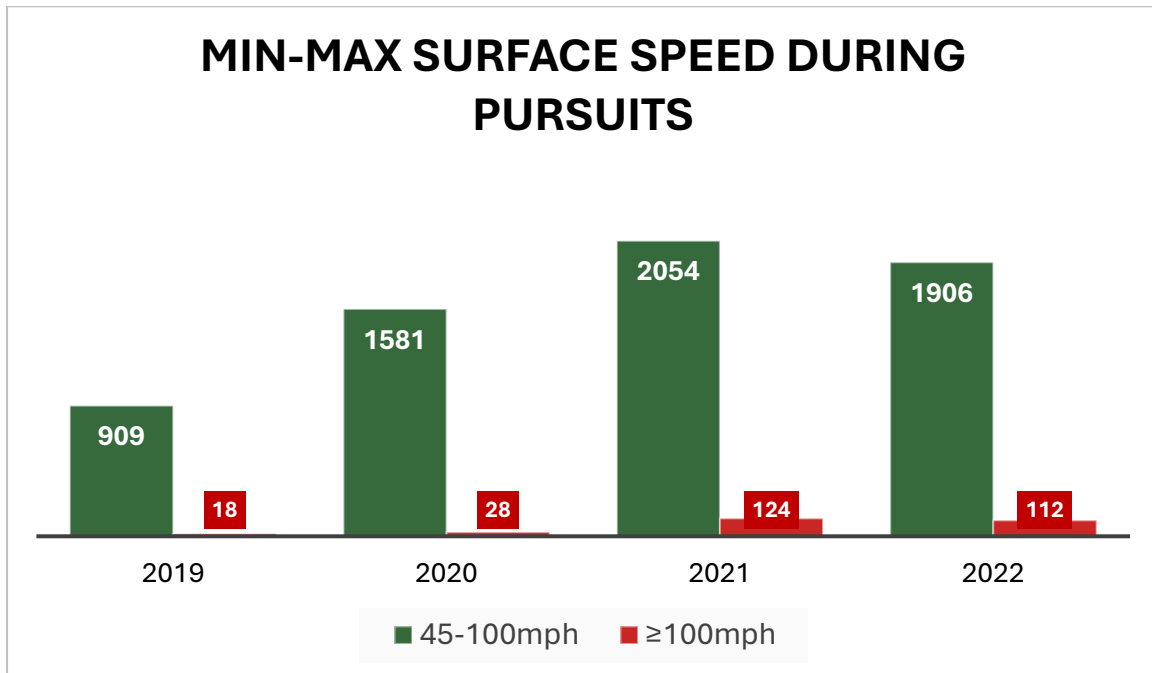
## Highway Speed



**This bar chart illustrates the number of pursuits categorized by speed ranges on highways from 2019 to 2022. Here's an analysis of the data:**

- **2019:** Most pursuits (187) occurred at speeds of 80-100 mph. The second category was 100 mph+ (120), with a max speed of 160mph.
- **2020:** Most pursuits (761) occurred at speeds of 80-100 mph. The second category was 100 mph+ (342), with a max speed of 180mph.
  - The maximum speed this year was 180 mph.
- **2021:** Most pursuits (519) occurred at speeds of 80-100 mph. The second category was 100 mph+ (438), with a max speed of 180mph.
- **2022:** Most pursuits (334) occurred at speeds of 80-100 mph. The second category was 100 mph+ (641), with a max speed of 165mph.

## Surface Speed

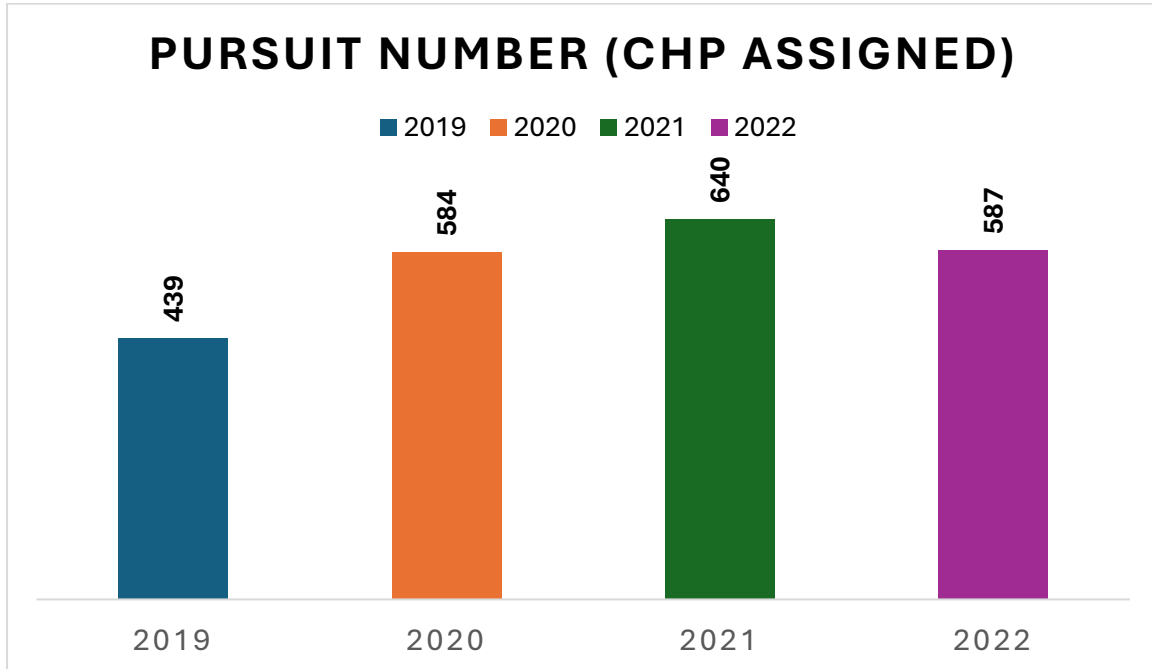


- **2019:** Most pursuits (909) occurred at speeds of 45-100 mph. The second category was 100 mph+ (18), with a max speed of 158mph.
- **2020:** Most pursuits (1581) occurred at speeds of 45-100 mph. The second category was 100 mph+ (28), with a max speed of 150mph.
- **2021:** Most pursuits (2054) occurred at speeds of 45-100 mph. The second category was 100 mph+ (124), with a max speed of 145mph.
- **2022:** Most pursuits (1906) occurred at speeds of 45-100 mph. The second category was 100 mph+ (112), with a max speed of 130mph.

○ ***The maximum speed this year was 158 mph.***

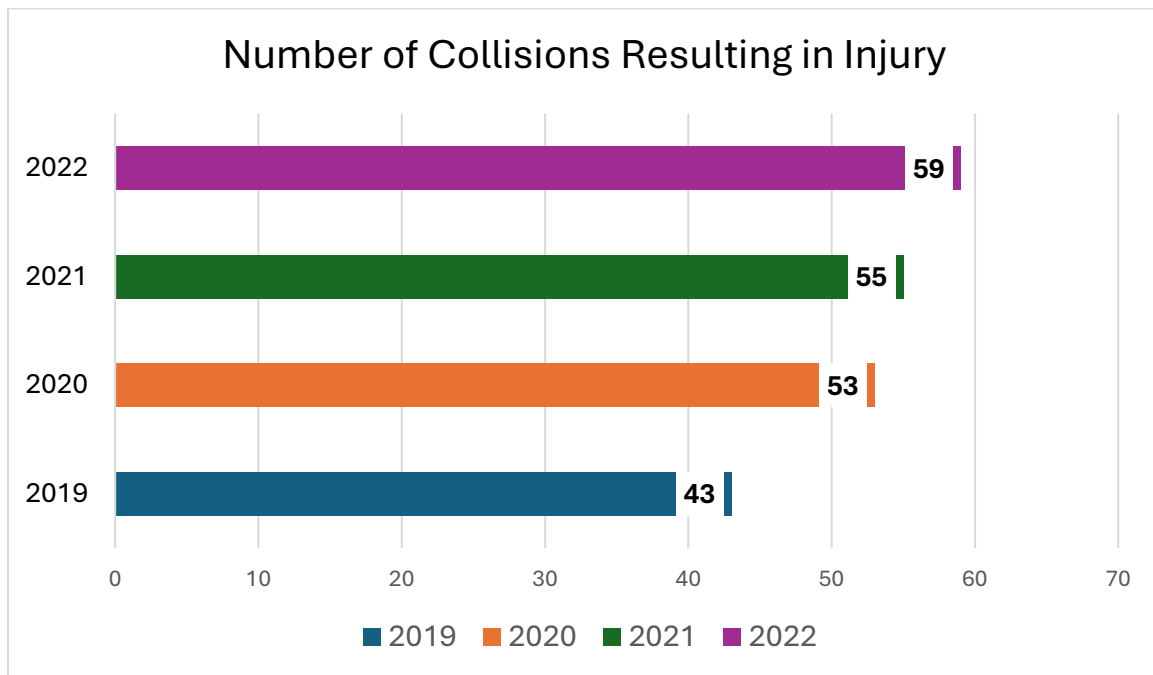
# SAN DIEGO POLICE DEPARTMENT

## Number of Pursuits:



**Based on the San Diego Police Department's CHP Pursuit Data, illustrated in the figure above, the year 2021 experienced the highest number of pursuits, totalling 640. For comparison, there were 439 pursuits in 2019, 584 in 2020, and 587 in 2022.**

## Collisions Resulting in Injuries

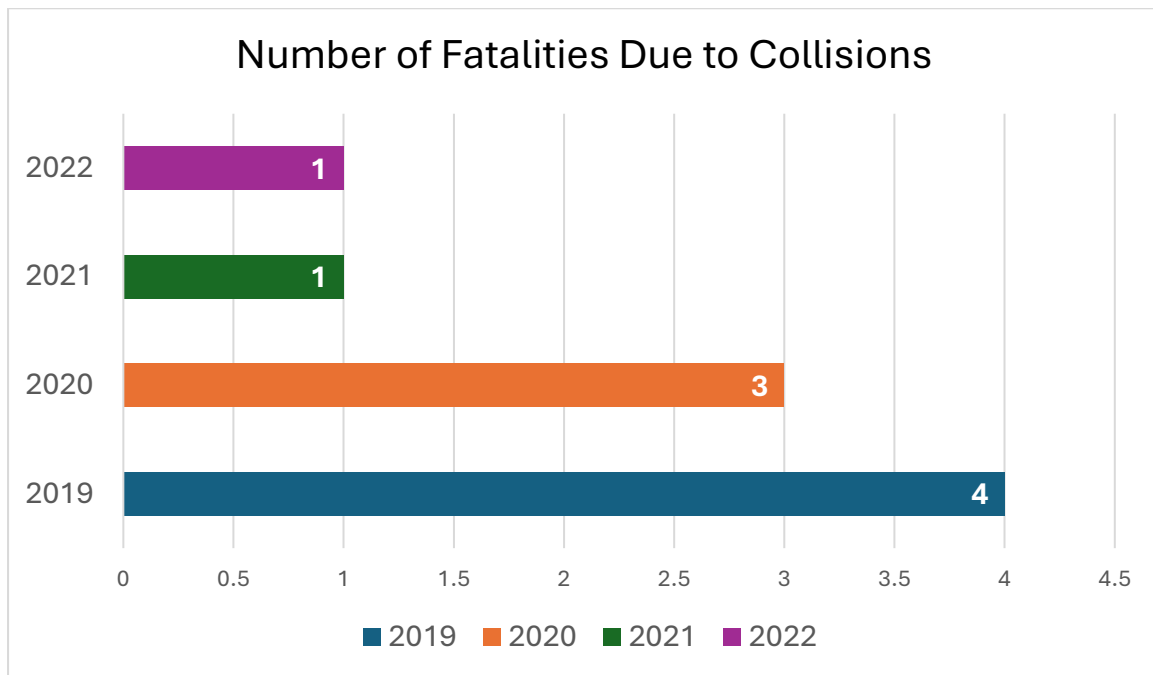


**The bar chart shows the number of collisions resulting in injury from 2019 to 2022. Here’s a breakdown of the data:**

1. **2019:** 43 collisions resulting in injury.
2. **2020:** 53 collisions resulting in injury, an increase of 10 incidents compared to 2019.
3. **2021:** 55 collisions resulting in injury, a slight increase of 2 incidents compared to 2020.
4. **2022:** 59 collisions resulting in injury, showing the highest value with an increase of 4 incidents from 2021.



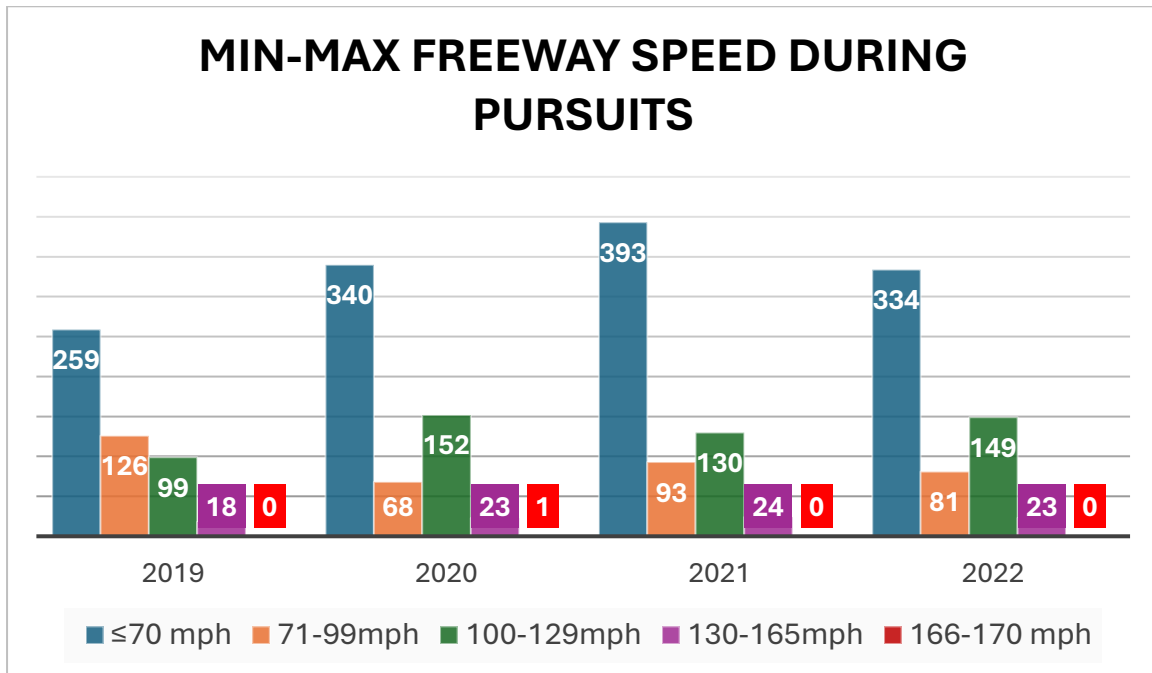
## Fatalities Due to Collisions



**This bar chart illustrates the number of fatalities due to collisions from 2019 to 2022. Here’s the data breakdown:**

1. **2019:** 4 fatalities, the highest during this period.
2. **2020:** 3 fatalities
3. **2021:** 1 fatality
4. **2022:** 1 fatality

## Highway Speed



**This bar chart illustrates the number of pursuits categorized by speed ranges on highways from 2019 to 2022. Here's an analysis of the data:**

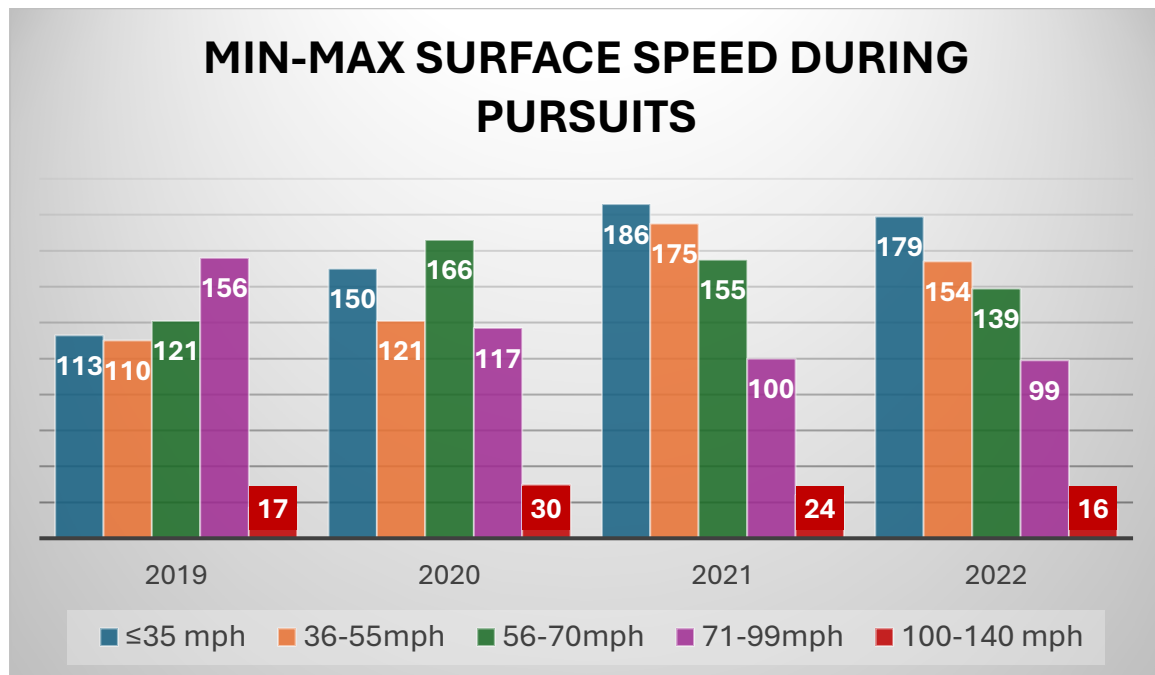
- **2019:** Most pursuits (259) occurred at speeds  $\leq 70$  mph. The second highest category was 71-99 mph (126), followed by 100-129 mph (99). Very few pursuits occurred in the 130-165 mph range (18), and none in the 166-170 mph range.
- **2020:** The number of pursuits at speeds  $\leq 70$  mph increased significantly to 340, while the 71-99 mph category saw a decrease to 68. Pursuits in the 100-129 mph range also increased to 152. The 130-165 mph category saw a small rise to 23 pursuits, The maximum speed this year was 170 mph (1).
- **2021:** Pursuits at speeds  $\leq 70$  mph peaked at 393. The 71-99 mph category slightly increased to 93, while the 100-129 mph category rose to 130. The number of pursuits in the 130-165 mph range increased to 24, with 0 in the 166-170 mph range.

- **2022:** Pursuits in the  $\leq 70$  mph category slightly decreased to 334, while the 71-99 mph category decreased to 81. Pursuits in the 100-129 mph range increased to 149. The 130-165 mph category remained steady at 23, with 0 pursuits in the 166-170 mph range.

**Observations:**

- Most pursuits occurred at speeds  $\leq 70$  mph across all years.
- While most freeway pursuits occurred at lower speeds ( $\leq 70$  mph), there has been some fluctuation in higher speed pursuits over the years.

## Surface Speed



**The bar chart titled "Min-Max Surface Speed During Pursuits" shows the number of pursuits on surface streets categorized by different speed ranges from 2019 to 2022. Here is an analysis of the data:**

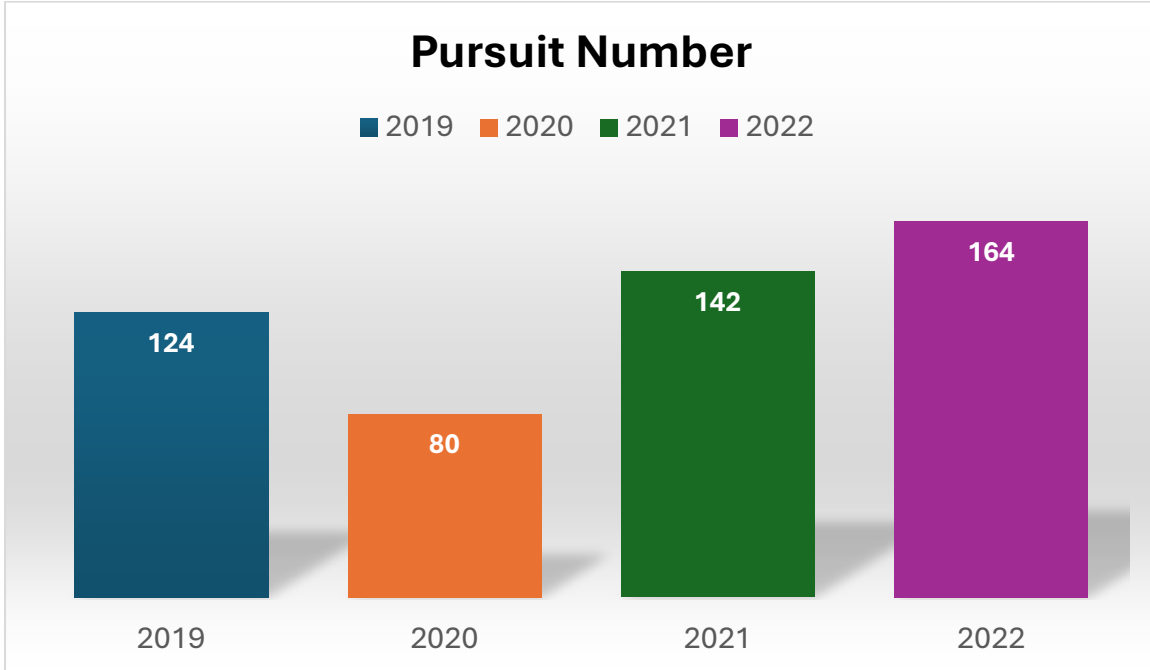
- **2019:** Most pursuits (156) occurred at 71-99mph. The second highest category was 56-70 mph (121), followed by ≤30 mph (113). Very few pursuits occurred in the 100-140 mph range (17). However, the maximum speed limit this year was 115
- **2020:** Most pursuits (166) occurred at 56-70mph. The second highest category was ≤35 mph (50), followed by 36-55 mph (121). Fewer pursuits occurred in the 100-140 mph range (30). However, the maximum speed limit this year was 140. This is the highest count of extreme-speed pursuits so far.
- **2021:** ≤35 mph (186): This is the highest count in this category. 36-55 mph (175): Also peaks in 2021. 56-70 mph (155): This speed range was lower than the previous year but still, shows a substantial rise in higher speeds during pursuits. 71-99 mph (100): This speed range was lower than the previous year but still, shows a substantial rise in higher speeds during pursuits, reflecting a notable increase in high-speed pursuits. Very few pursuits

occurred in the 100-140 mph range (24). However, the maximum speed limit this year was 110

- **2022:**
- ≤35 mph (179): Slight decline from 2021 but remains significantly high.
- 36-55 mph (154): Shows a slight reduction from 2021 but continues to be prominent.
- 56-70 mph (139): Moderate decrease, indicating a slight reduction in these pursuit speeds.
- 71-99 mph (99): Almost stable compared to 2021, indicating persistent high-speed pursuits.
- 100-140 mph (16): Decreased slightly, but high-speed pursuits are still being recorded.

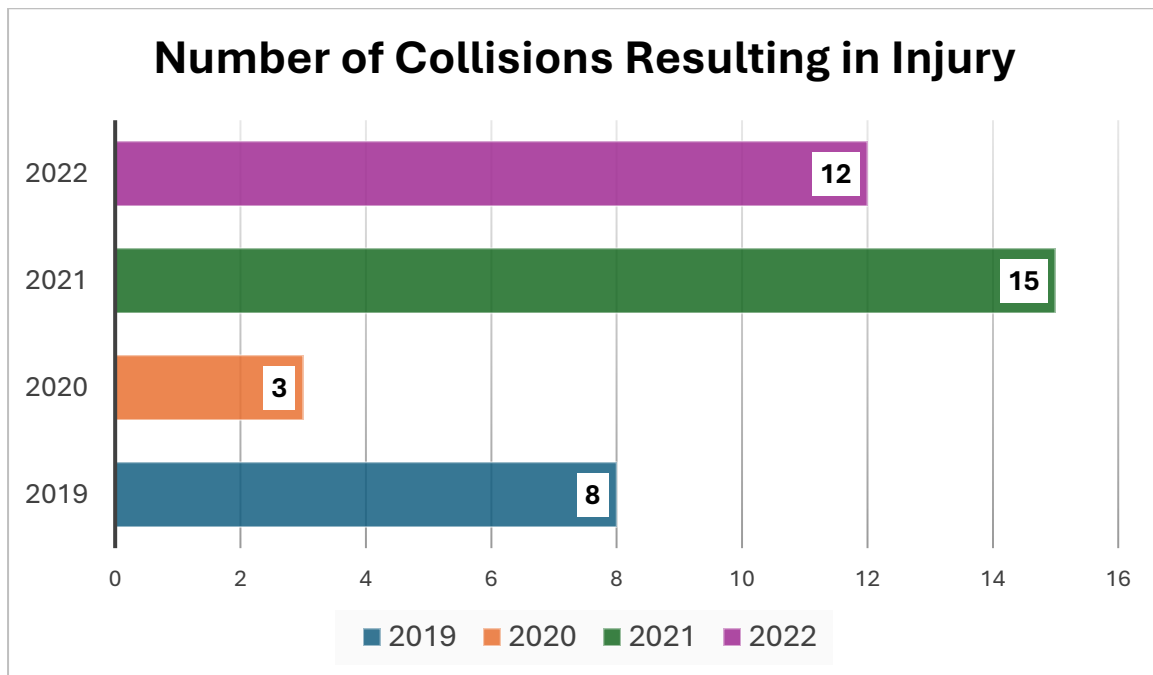
# **SAN DIEGO COUNTY SHERIFF DEPARTMENT**

## *Number of Pursuits:*



**Based on the San Diego Sheriff Department's CHP Pursuit Data, illustrated in the figure above, the year 2022 experienced the highest number of pursuits, totalling 164. For comparison, there were 124 pursuits in 2019, 80 in 2020, and 142 in 2021.**

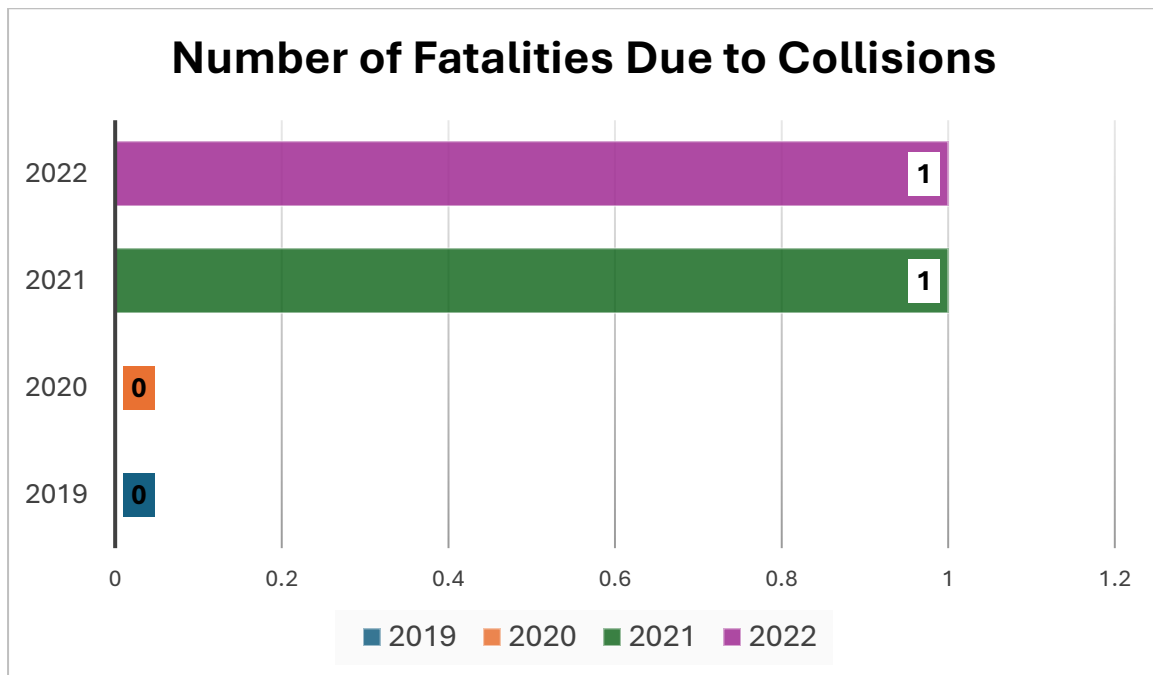
## Collisions Resulting in Injuries



**The bar chart shows the number of collisions resulting in injury from 2019 to 2022. Here's a breakdown of the data:**

1. **2019:** There were 8 collisions resulting in injury.
2. **2020:** The number of collisions resulting in injury dropped to 3.
3. **2021:** Collisions resulting in injury increased significantly to 15, the highest among the years displayed.
4. **2022:** Collisions slightly decreased to 12, still higher than 2019 and 2020.

## Fatalities Due to Collisions

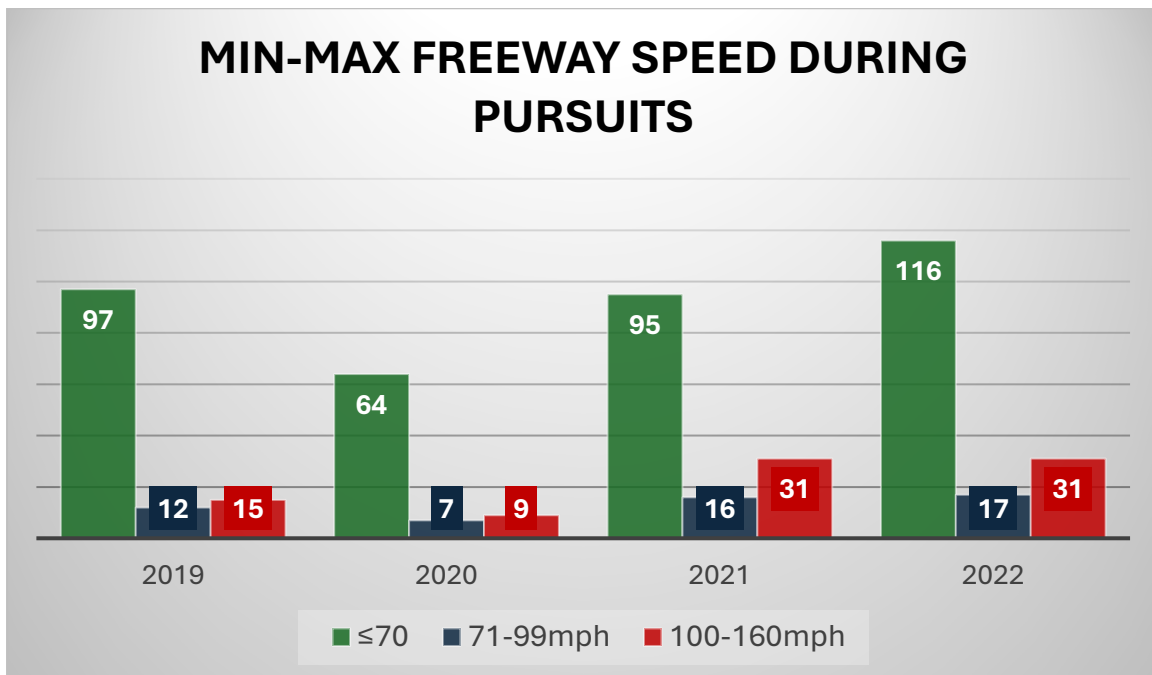


**This bar chart illustrates the number of fatalities due to collisions from 2019 to 2022. Here's the data breakdown:**

1. **2019** and **2020**: There were no fatalities due to collisions, as indicated by a count of 0 for both years.
2. **2021**: There was 1 fatality, marking the first occurrence of a fatality in the observed period.
3. **2022**: The number of fatalities remained the same as 2021, with 1 fatality reported.



## Highway Speed



**This bar chart illustrates the number of pursuits categorized by speed ranges on highways from 2019 to 2022. Here's an analysis of the data:**

**1. 2019:**

- Most pursuits were at or below 70 mph (97 pursuits).
- 12 pursuits were in the 71-99 mph range.
- 15 pursuits were at higher speeds (100-160 mph).

**2. 2020:**

- The number of lower-speed pursuits ( $\leq 70$  mph) decreased to 64.
- There were 7 pursuits in the 71-99 mph range.
- Pursuits at 100-160 mph dropped to 9.

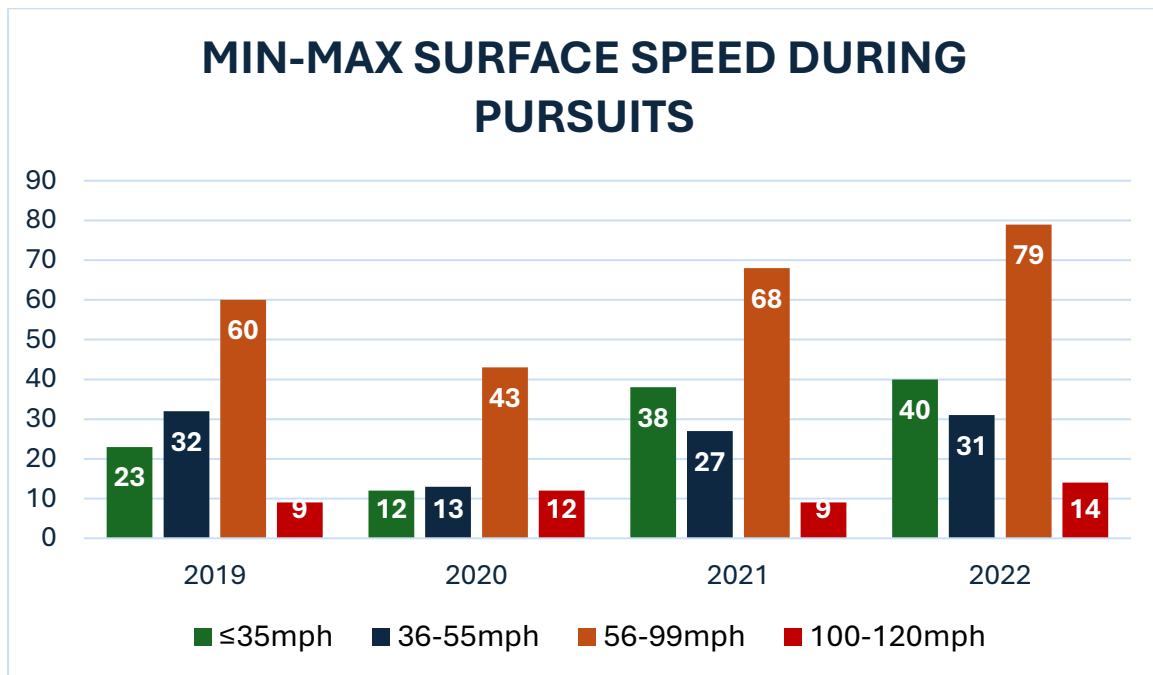
**3. 2021:**

- Pursuits  $\leq 70$  mph increased to 95.
- Pursuits in the 71-99 mph range rose to 16.
- The highest speed category (100-160 mph) increased to 31.
  - The maximum speed this year was 160 mph (1).

**4. 2022:**

- Pursuits at or below 70 mph peaked at 116.
- 17 pursuits were in the 71-99 mph range.
- Pursuits in the highest speed category (100-160 mph) remained at 31.

## Surface Speed



**The chart titled "Min-Max Surface Speed During Pursuits" shows the number of pursuits on surface streets categorized by different speed ranges from 2019 to 2022. Here is an analysis of the data:**

### 1. 2019:

- Most pursuits occurred at high speeds (56-99 mph), with 60 pursuits in this range.
- 32 pursuits were in the 36-55 mph range.
- 23 pursuits were at or below 35 mph.
- There were 9 pursuits in the highest speed range (100-120 mph).
  - The maximum speed this year was 120 mph (1).

### 2. 2020:

- High-speed pursuits (56-99 mph) decreased to 43.
- Pursuits in the 36-55 mph range dropped slightly to 13.
- Pursuits at lower speeds (≤35 mph) increased to 12.
- Pursuits in the 100-120 mph range remained constant at 12.

### 3. 2021:

- High-speed pursuits (56-99 mph) increased sharply to 68.
- The number of pursuits in the 36-55 mph range dropped to 27.
- Pursuits at or below 35 mph increased to 38.
- The number of pursuits in the 100-120 mph range decreased slightly to 9.

### 4. 2022:

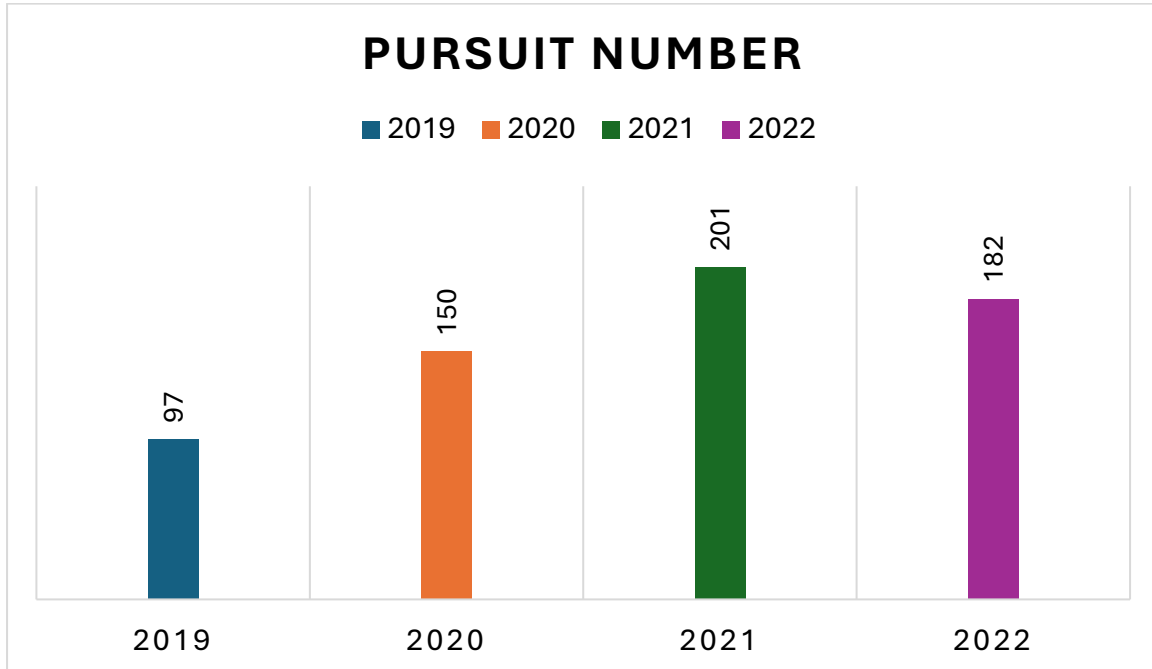
- High-speed pursuits (56-99 mph) reached their peak at 79.
- Pursuits in the 36-55 mph range increased to 31.
- Pursuits at or below 35 mph increased slightly to 40.
- Pursuits in the 100-120 mph range rose again to 14.
  - The maximum speed this year was 120 mph (1).

### Observations:

- *Overall, high-speed pursuits (56-99 mph) dominate the surface street pursuits, while both lower-speed and extreme-speed pursuits show trends of increase over time.*

# SAN FRANCISCO POLICE DEPARTMENT

## Number of Pursuits:

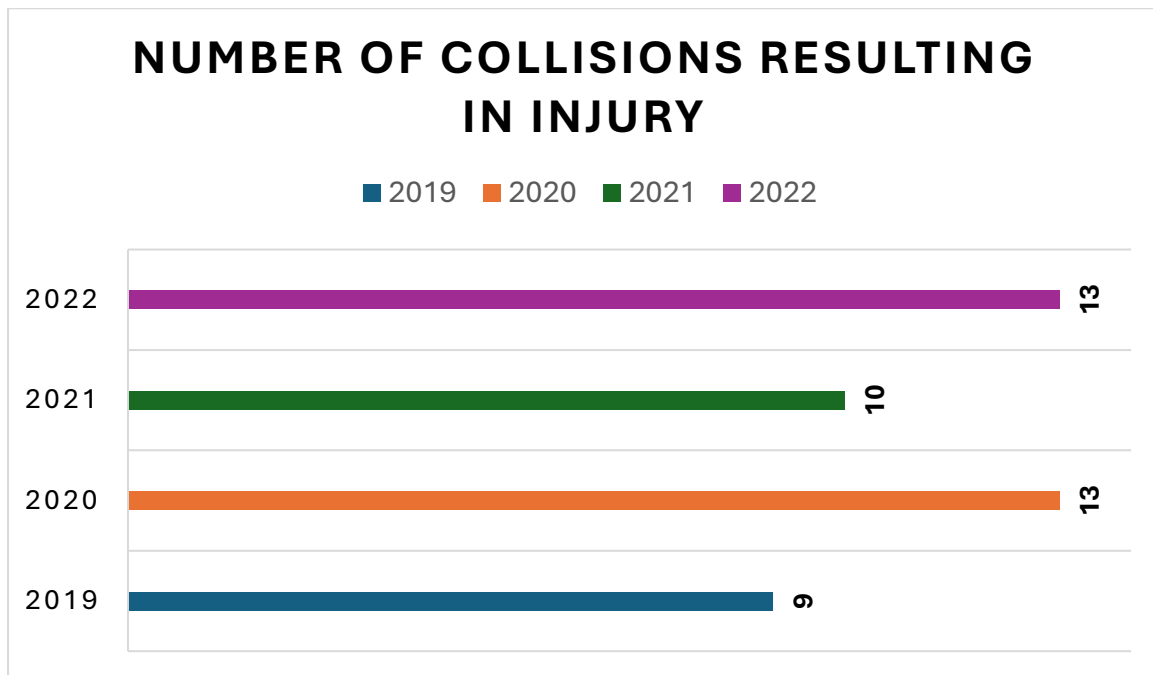


**Based on the San Francisco Police Department's CHP Pursuit Data, illustrated in the figure above:**

- **2019:** 97 pursuits
- **2020:** 150 pursuits
- **2021:** 201 pursuits
- **2022:** 182 pursuits

***There has been a consistent increase in pursuit numbers from 2019 to 2021, peaking at 201 in 2021.***

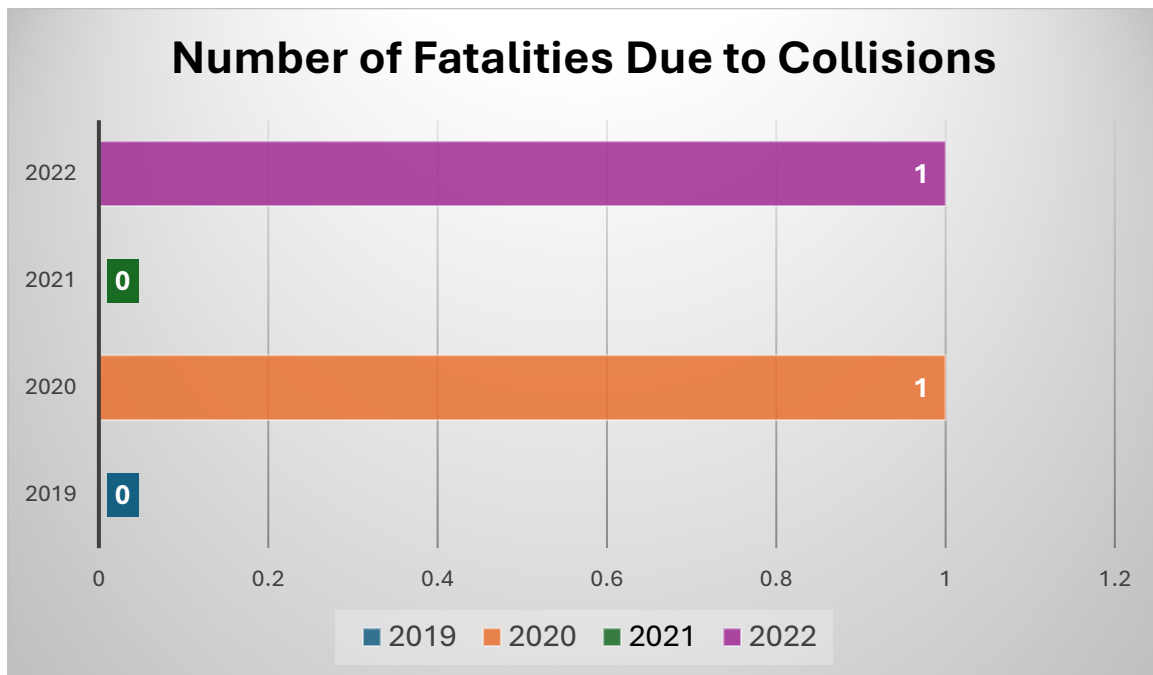
## Collisions Resulting in Injuries



**The bar chart shows the number of collisions resulting in injury from 2019 to 2022. Here’s a breakdown of the data:**

- The number of injury-causing collisions was lowest in 2019, with only 9 incidents
- In 2020, the number increased significantly to 13.
- 2021 saw a slight decrease, with 10 collisions.
- In 2022, the number returned to 13, matching the 2020 figure.

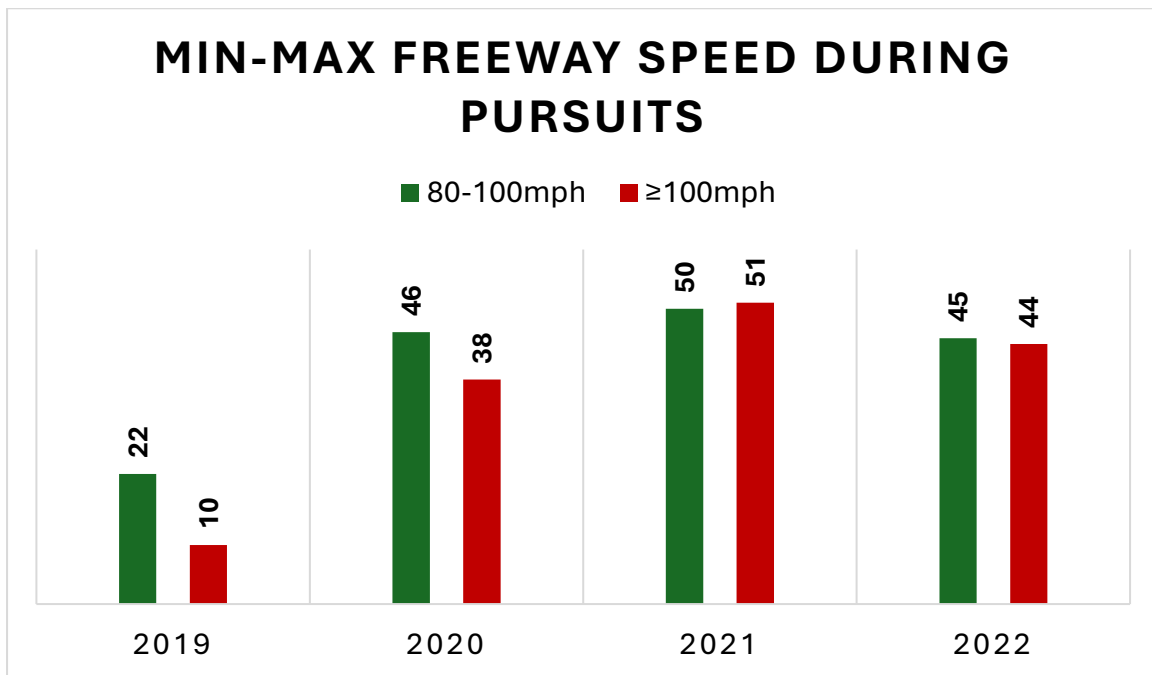
## Fatalities Due to Collisions



**This bar chart illustrates the number of fatalities due to collisions from 2019 to 2022. Here's the data breakdown:**

- **2019:** 0 fatalities
- **2020:** 1 fatality
- **2021:** 0 fatalities
- **2022:** 1 fatality

## Highway Speed



**This bar chart illustrates the number of pursuits categorized by speed ranges on highways from 2019 to 2022.:**

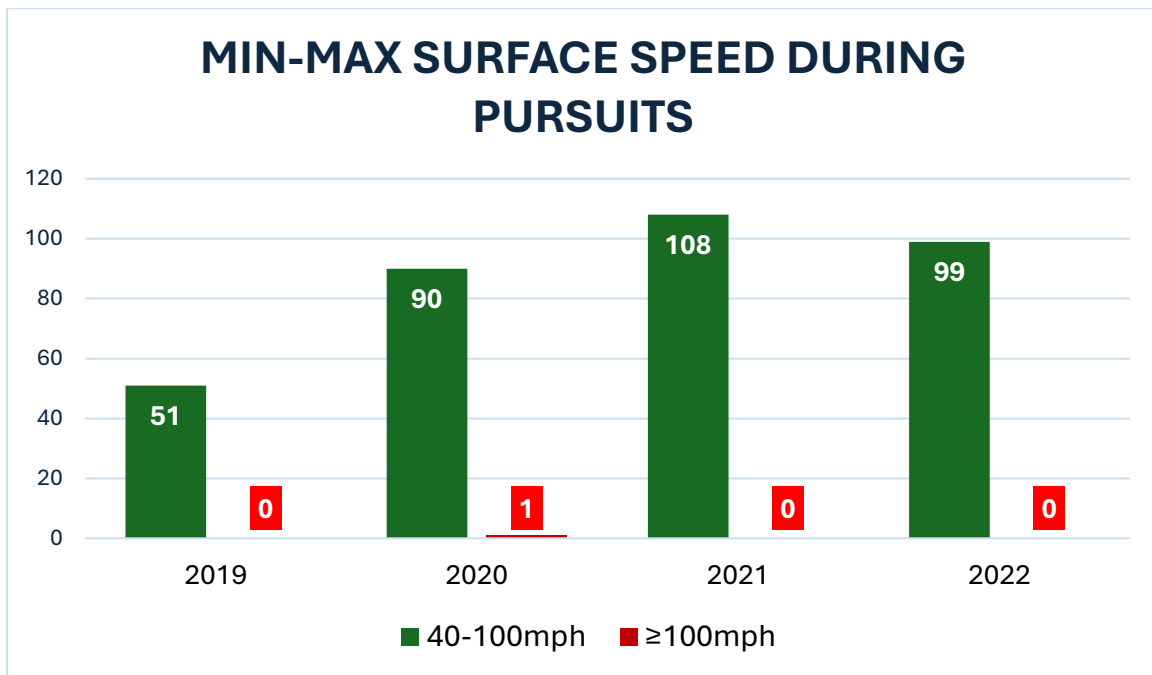
1. **2019:**
  - 80-100 mph: 22 pursuits
  - ≥100 mph: 10 pursuits
2. **2020:**
  - 80-100 mph: 46 pursuits
  - ≥100 mph: 38 pursuits
3. **2021:**
  - 80-100 mph: 50 pursuits
  - ≥100 mph: 51 pursuits
4. **2022:**
  - 80-100 mph: 45 pursuits
  - ≥100 mph: 44 pursuits
    - The maximum speed this year was 146 mph (1).

Observation

- ***There's a significant increase in the number of pursuits reaching speeds over 100 mph from 2019 to 2021, nearly doubling by 2021.***



## Surface Speed



**The chart titled "Min-Max Surface Speed During Pursuits" shows the number of pursuits on surface streets categorized by different speed ranges from 2019 to 2022.**

**1. 2019:**

- 40-100 mph: 51 pursuits
- ≥100 mph: 0 pursuits

**2. 2020:**

- 40-100 mph: 90 pursuits
- ≥100 mph: 1 pursuit
  - The maximum speed this year was 100 mph (1).

**3. 2021:**

- 40-100 mph: 108 pursuits
- ≥100 mph: 0 pursuits

**4. 2022:**

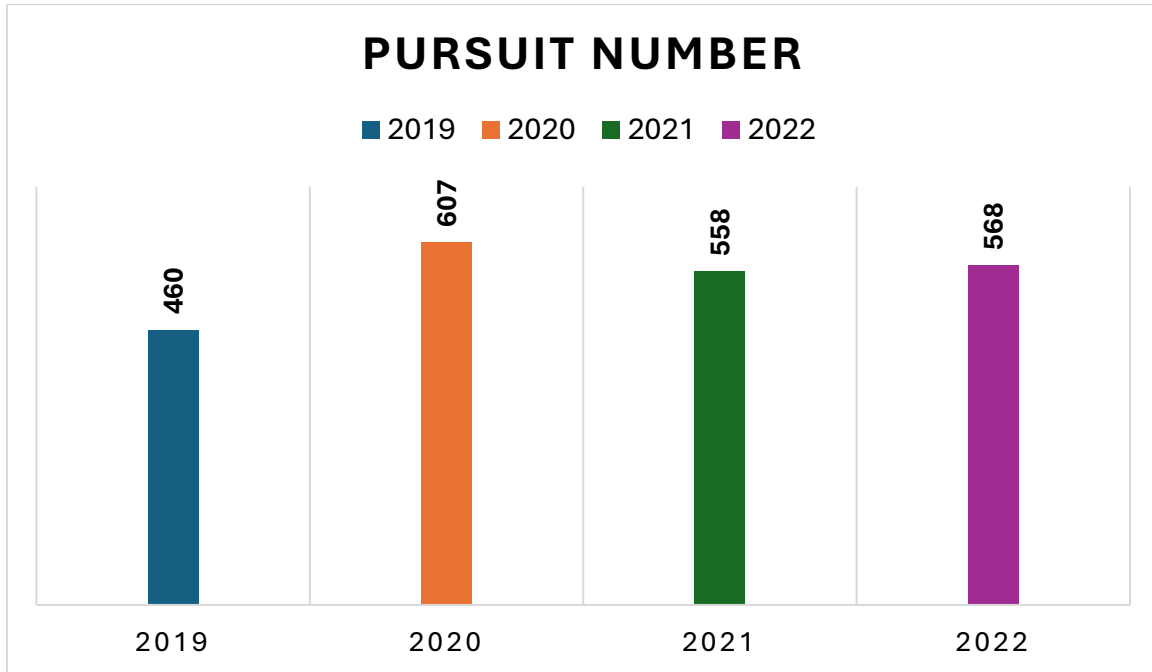
- 40-100 mph: 99 pursuits
- ≥100 mph: 0 pursuits

Observation:

*This data indicates that most surface-level pursuits remain within the 40-100 mph range.*

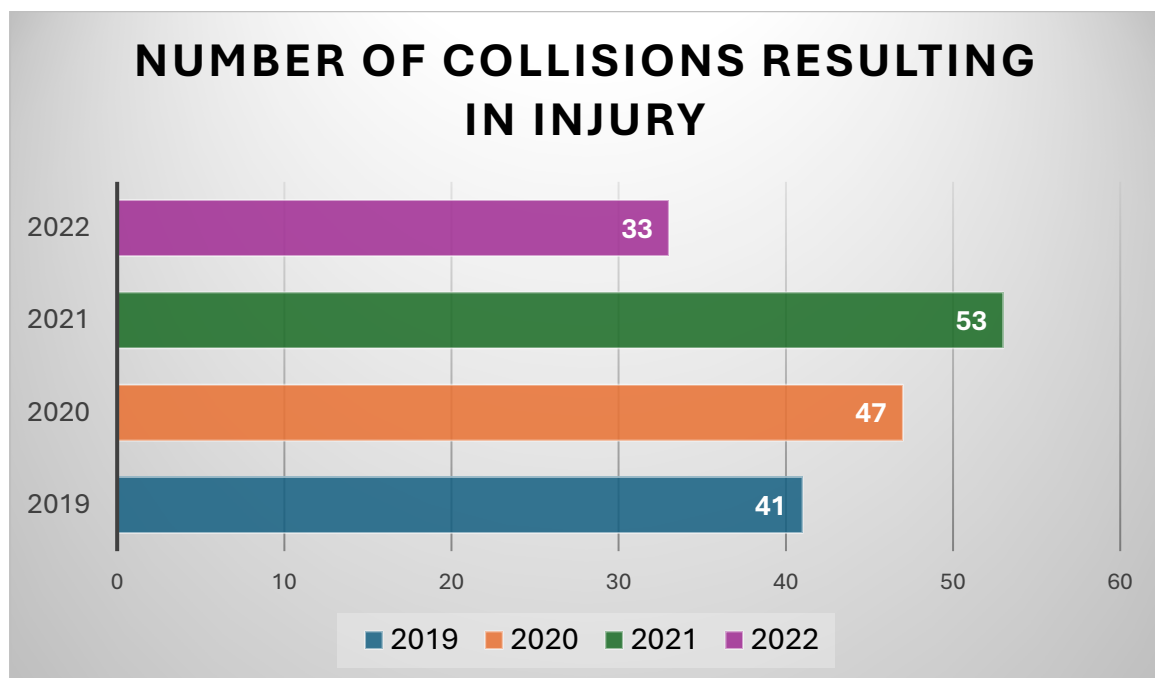
# RIVERSIDE POLICE DEPARTMENT

## Number of Pursuits:



*Based on the Riverside Police Department's CHP Pursuit Data, illustrated in the figure above, from 2019 to 2020, there was a significant rise in the number of pursuits, with an increase of 147 pursuits (from 460 in 2019 to 607 in 2020). In 2021, the number of pursuits decreased to 558, a reduction of 49 pursuits compared to the previous year. In 2022, the number of pursuits increased slightly again to 568, which is 10 more than in 2021 but still below the 2020 peak.*

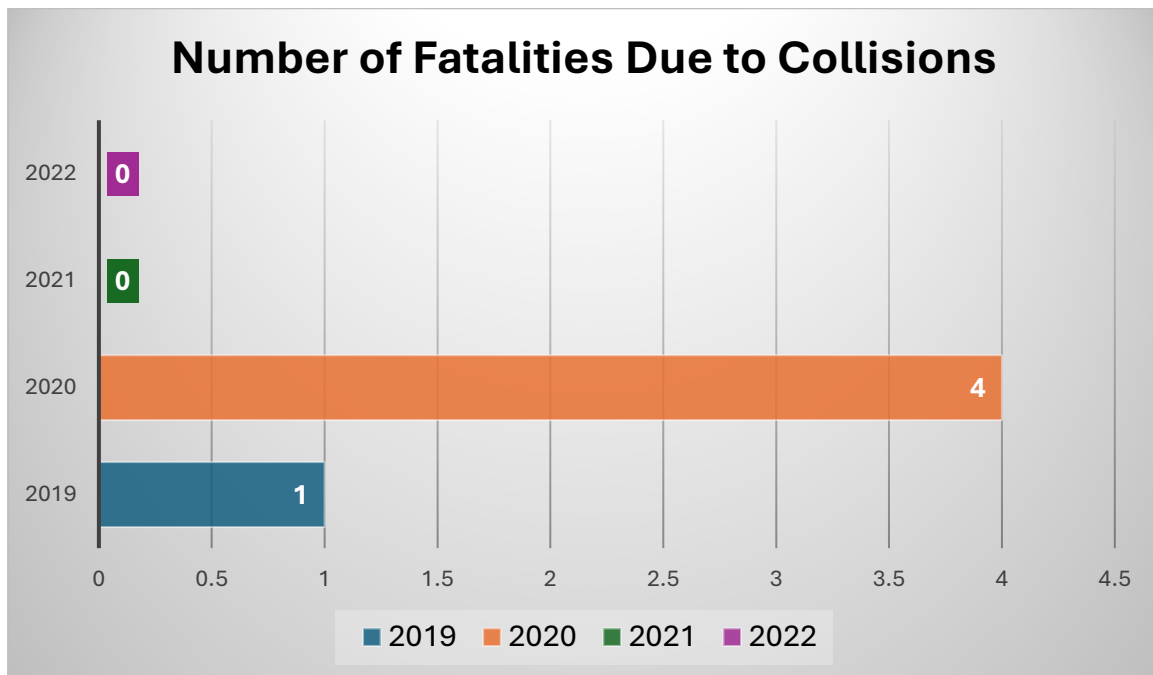
## Collisions Resulting in Injuries



**The bar chart shows the number of collisions resulting in injury from 2019 to 2022:**

1. **2019:** 41 collisions resulting in injury
2. **2020:** 47 collisions resulting in injury
3. **2021:** 53 collisions resulting in injury
4. **2022:** 33 collisions resulting in injury

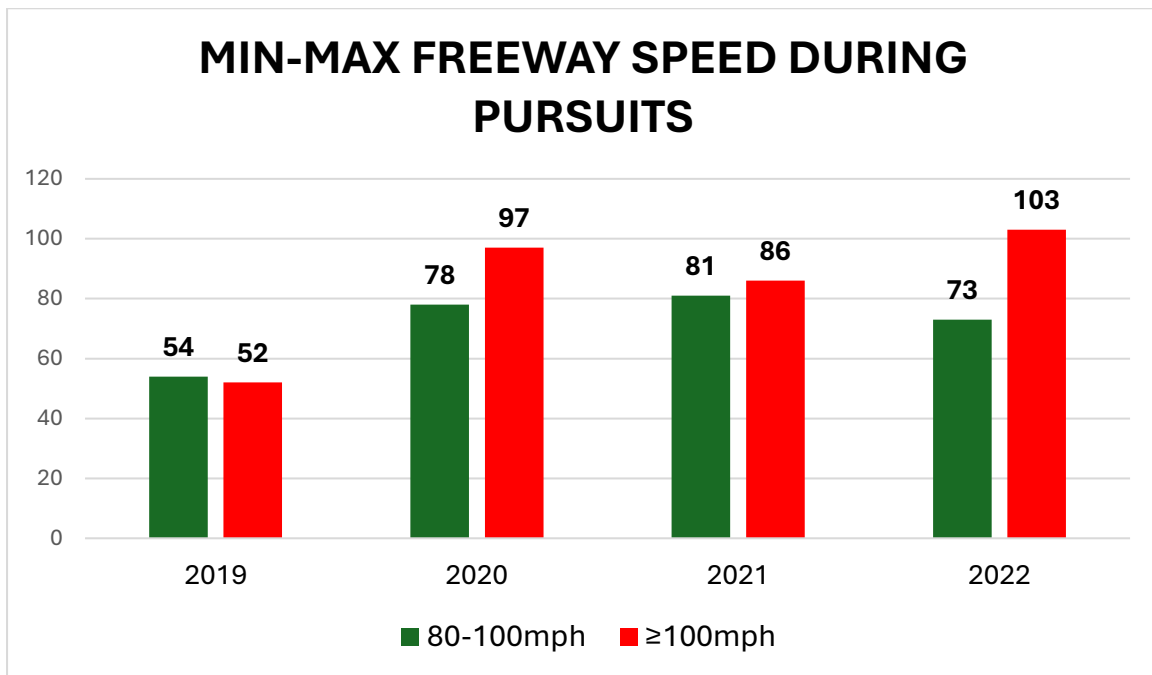
## Fatalities Due to Collisions



**This bar chart illustrates the number of fatalities due to collisions from 2019 to 2022:**

- 1. 2019:** There was **1 fatality**.
- 2. 2020:** There were **4 fatalities**, marking the highest fatality count among the years presented.
- 3. 2021:** There were **0 fatalities**.
- 4. 2022:** There were **0 fatalities**.

## Highway Speed



### 1. 2019:

- Pursuits in the 80-100 mph range averaged **54 mph**, while those exceeding 100 mph averaged **52 mph**.

### 2. 2020:

- Speeds in the 80-100 mph range jumped to **78 mph**, while those exceeding 100 mph jumped to **97 mph**.

### 3. 2021:

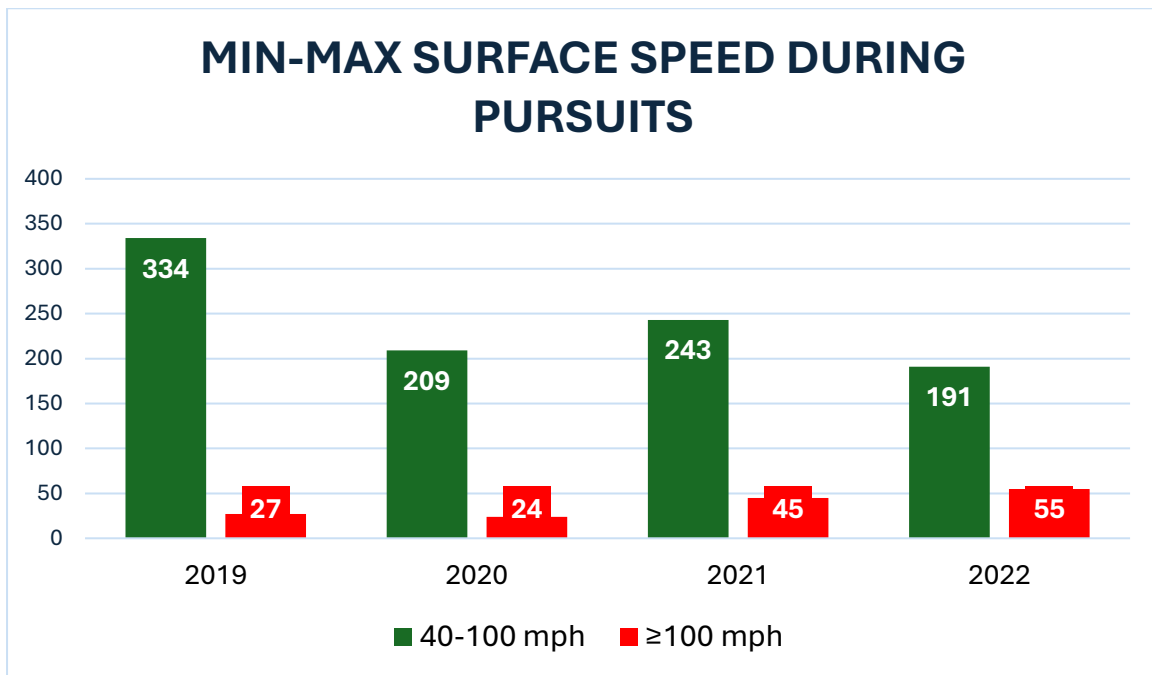
- Speeds in the 80-100 mph category rose further to **81 mph**, while those exceeding 100 mph dropped slightly to **86 mph**.

### 4. 2022:

- Pursuits in the 80-100 mph range dropped slightly to **73 mph**, while those exceeding 100 mph jumped to **103 mph**.

- The maximum speed was 150 mph (3) in the years 2019, 2020, 2023.

## Surface Speed



**The chart titled "Min-Max Surface Speed During Pursuits" shows the number of pursuits on surface streets categorized by different speed ranges from 2019 to 2022.**

**1. 2019:**

- 40-100 mph: **334 mph**
- ≥100 mph: **27 mph**

**2. 2020:**

- 40-100 mph: **209 mph**
- ≥100 mph: **24 mph**

**3. 2021:**

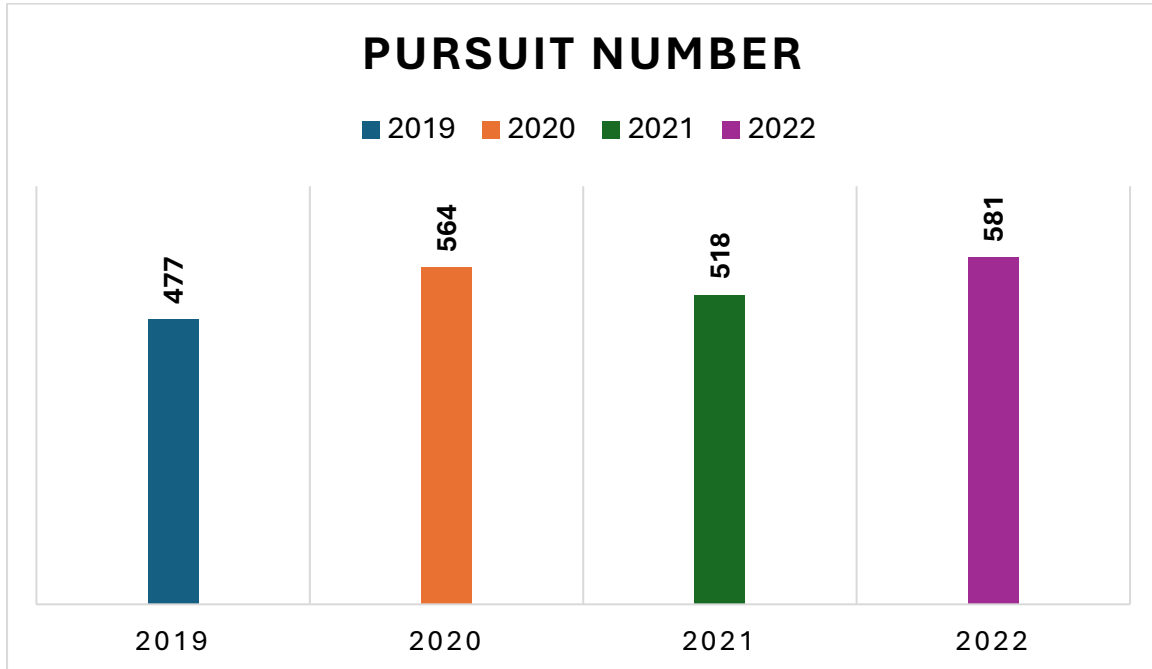
- 40-100 mph: **243 mph**
- ≥100 mph: **45 mph**
  - The maximum speed this year was 150 mph (1).

**4. 2022:**

- 40-100 mph: **191 mph**
- ≥100 mph: **55 mph**

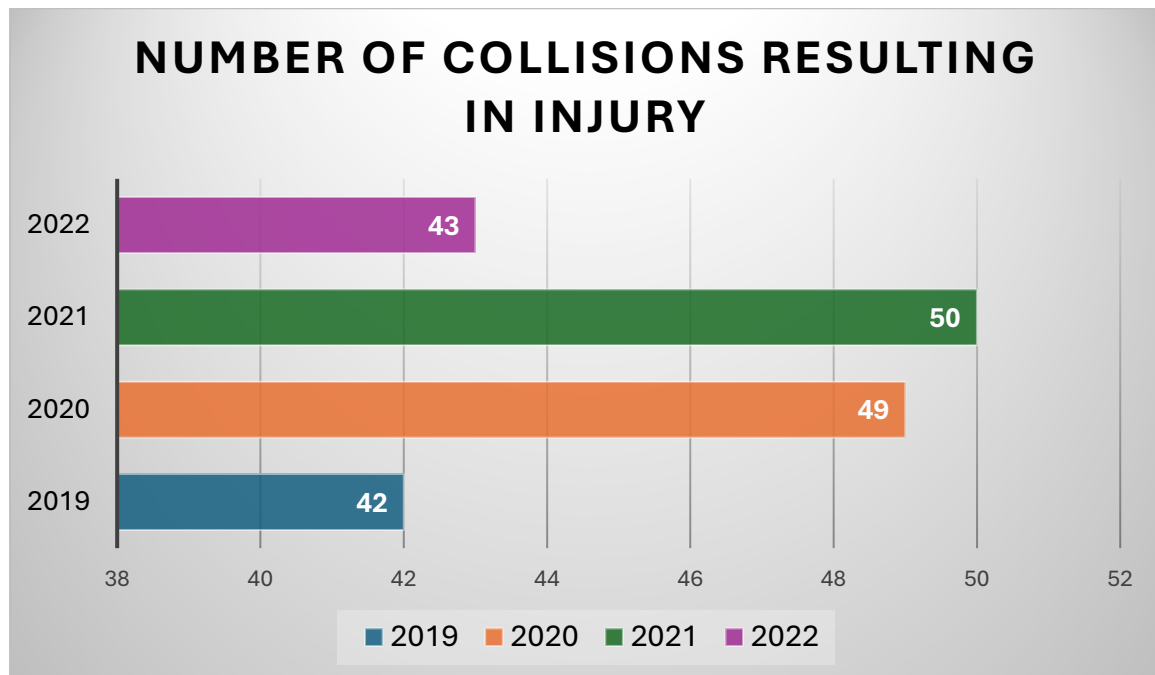
# SACRAMENTO POLICE DEPARTMENT

## Number of Pursuits:



***Based on the Riverside Police Department's CHP Pursuit Data, illustrated in the figure above, in 2019 there were 477 pursuits. In 2020 the number increased to 564. In 2021 the number decreased to 518(a drop compared to 2020 but still higher than 2019.) 2022: The number increased again to 581, the highest value recorded in this period.***

## Collisions Resulting in Injuries

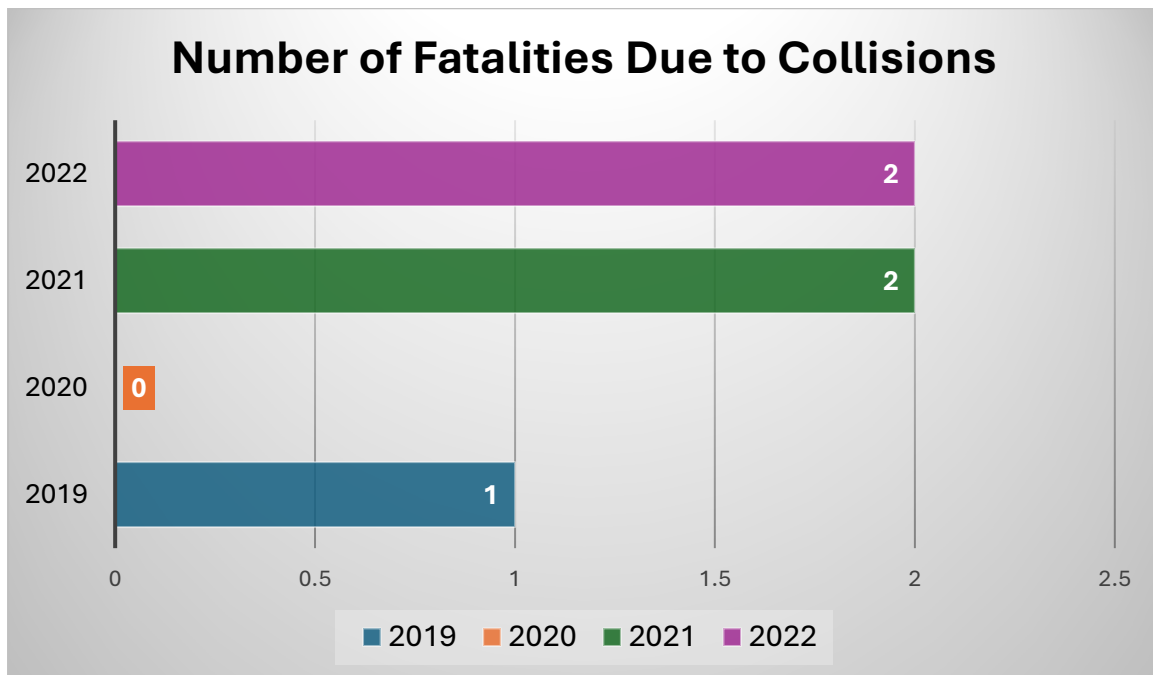


**The bar chart shows the number of collisions resulting in injury from 2019 to 2022:**

- 1. 2019:** 42 collisions resulted in injury.
- 2. 2020:** The number increased to 49.
- 3. 2021:** There was a slight increase to 50 collisions, making it the highest number recorded.
- 4. 2022:** The number of injury collisions slightly decreased to 43.



## Fatalities Due to Collisions



**This bar chart illustrates the number of fatalities due to collisions from 2019 to 2022:**

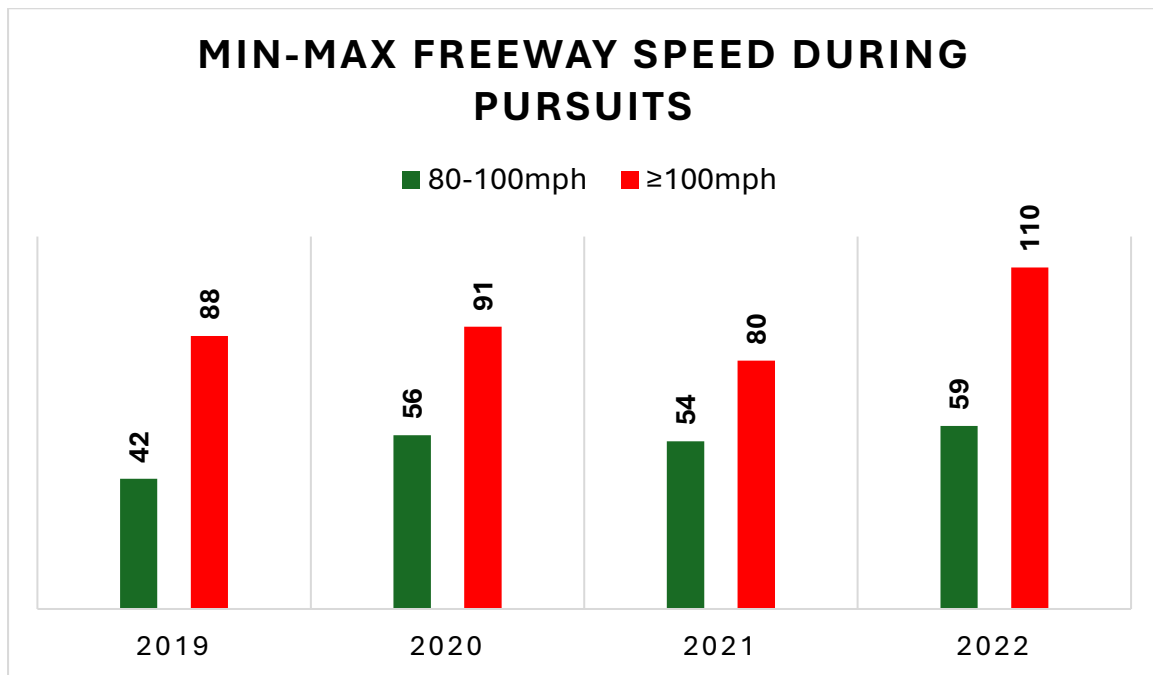
**2019:** There was 1 fatality due to collisions.

**2020:** No fatalities were recorded (0).

**2021:** The number of fatalities increased to 2.

**2022:** The number remained at 2 fatalities.

## Highway Speed



**This bar chart illustrates the number of pursuits categorized by speed ranges on highways from 2019 to 2022.**

**1. 2019:**

- 80-100 mph: 42
- ≥100 mph: 88

**2. 2020:**

- 80-100 mph: 56
- ≥100 mph: 91
- The maximum speed this year was 153 mph (1).

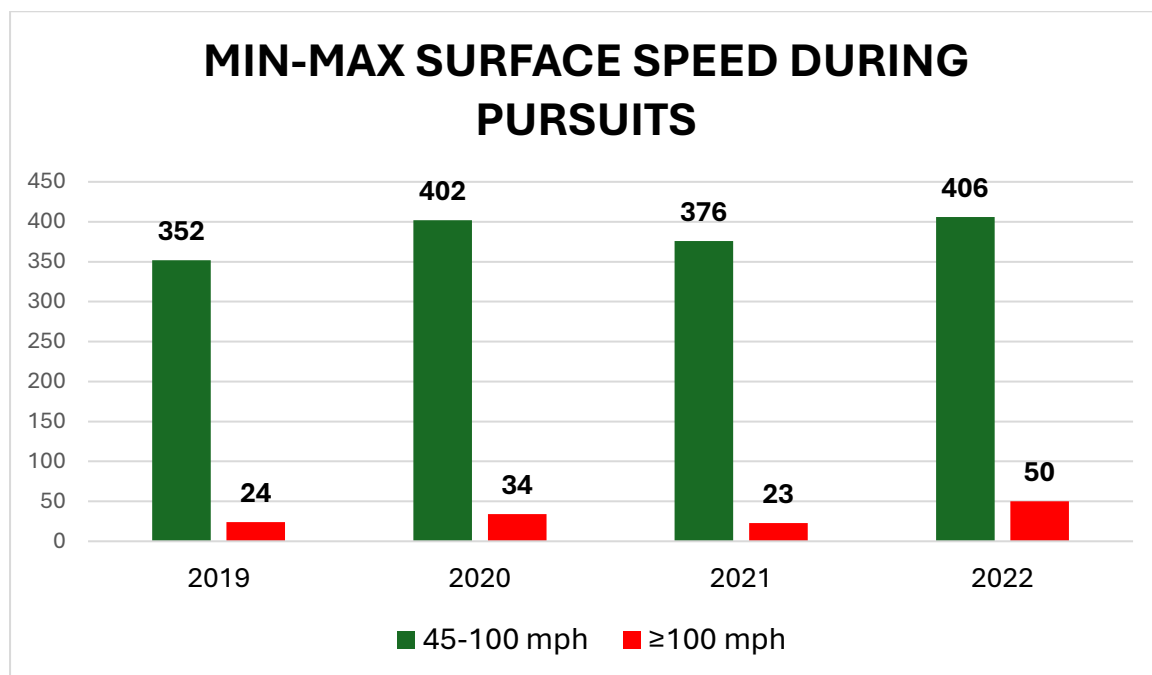
**3. 2021:**

- 80-100 mph: 54
- ≥100 mph: 80

**4. 2022:**

- 80-100 mph: 59
- ≥100 mph: 11

## Surface Speed



The chart titled "Min-Max Surface Speed During Pursuits" shows the number of pursuits on surface streets categorized by different speed ranges from 2019 to 2022.

Here's the breakdown for each year:

**1. 2019:**

- 45-100 mph: 352
- ≥100 mph: 24

**2. 2020:**

- 45-100 mph: 402
- ≥100 mph: 34
- 

**3. 2021:**

- 45-100 mph: 376
- ≥100 mph: 23
- The maximum speed this year was 160 mph (1).

**4. 2022:**

- 45-100 mph: 406
- ≥100 mph: 50