COMPSTAT

Chief James E. White
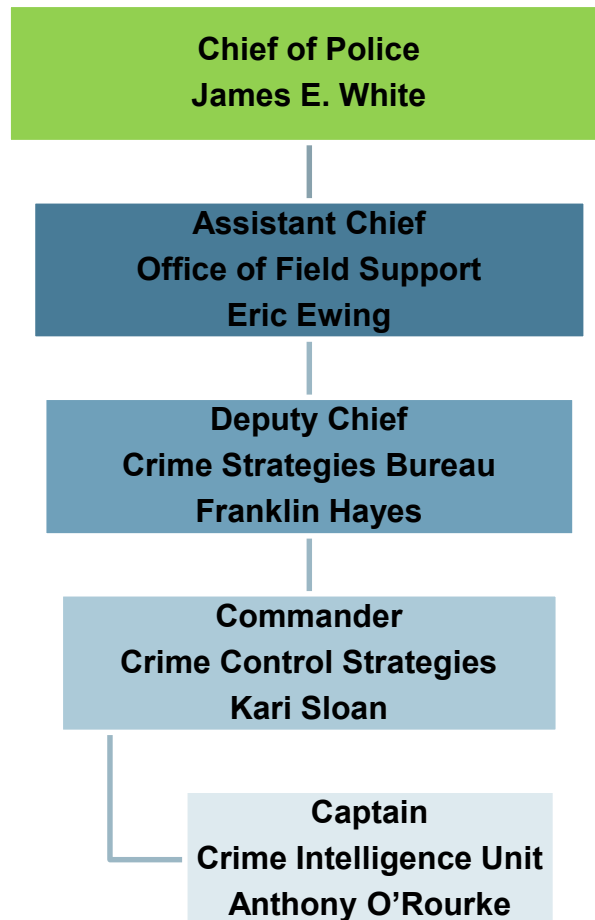
Origin

- **Historically:**
  - Developed in the 1990s by the New York City Police Department
  - Established the pivotal role of crime analysis in policing
  - Created to be a methodology of obtaining solutions when the numbers are deemed unacceptable

- **Detroit Police Department**
  - CompStat (Computerized Statistics) is a data-driven management process that synthesizes analysis of crime and disorder data from a strategic, problem-solving perspective.
    - Data and findings are presented in a bi-weekly meeting with regards to crime specificity and command accountability.
    - Found to be an effective way to track crime and use the information to deploy officers to address problems in a timely manner.

Chain of Command and Staffing

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┌─────────────────────────┐
│      Chief of Police     │
│      James E. White      │
└─────────────────────────┘
             │
┌─────────────────────────┐
│      Assistant Chief     │
│   Office of Field Support│
│        Eric Ewing        │
└─────────────────────────┘
             │
┌─────────────────────────┐
│       Deputy Chief       │
│  Crime Strategies Bureau │
│      Franklin Hayes      │
└─────────────────────────┘
             │
┌─────────────────────────┐
│        Commander         │
│  Crime Control Strategies│
│        Kari Sloan        │
└─────────────────────────┘
             │
       ┌─────────────────────────┐
       │        Captain          │
       │  Crime Intelligence Unit│
       │     Anthony O'Rourke    │
       └─────────────────────────┘
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- **Staffing**:
  - Project Manager & Analytics Specialist
    - Support, manage, and supervise the overall production and analysis of CompStat Presentations.
  - Sergeant
    - Support, lead, and supervise the production of CompStat products and information gathering.
  - Five (5) Police Officers
    - *One is assigned out as court liaison*
    - Gather and examine reports with regards to process and policy
  - One (1) Civilian Analyst
    - Analyze data from multiple data sources that support CompStat products; create PowerPoints for the CompStat meetings.

Collect and analyze data related to commands being inspected

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Brief leadership on findings in preparation for bi-weekly meeting

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All department commands present for inspection

*Process is constantly changing and evolving in an attempt to keep the review relevant and timely

Citywide:

- Overall City Crime Trends
  - Year-over-Year / YTD comparisons for each violent crime and property crime
  - Percent Change amongst precincts
- Response Times
  - Average response times for period
  - Average response times during shift change
- Crime Patterns

Project Green Light
  - Recruitment efforts
  - Patrol visits to location

- **Precinct/Bureau Inspection**
  - Staffing, Vehicles, Overtime
  - Case Reviews
  - Firearms Qualification
  - Risk Policy Review
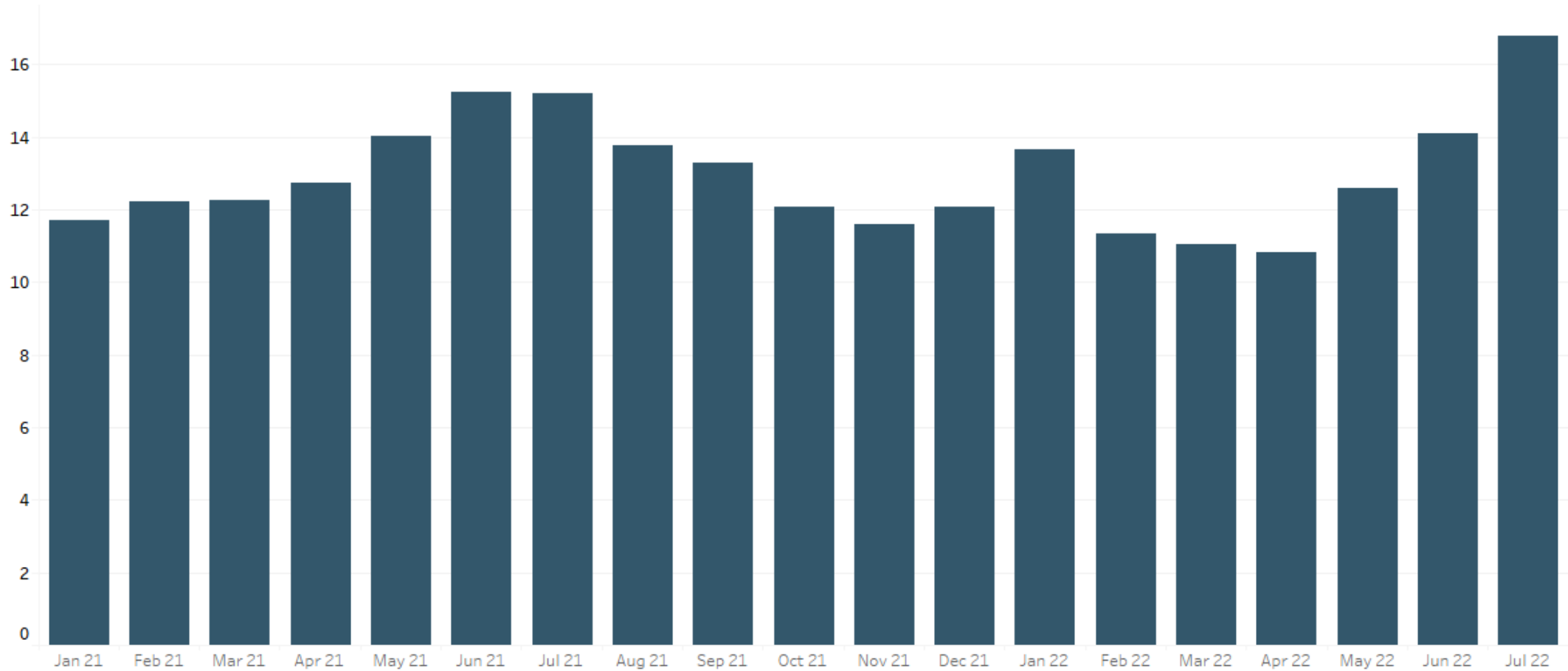 - Other relevant stats as it pertains to the specialized command
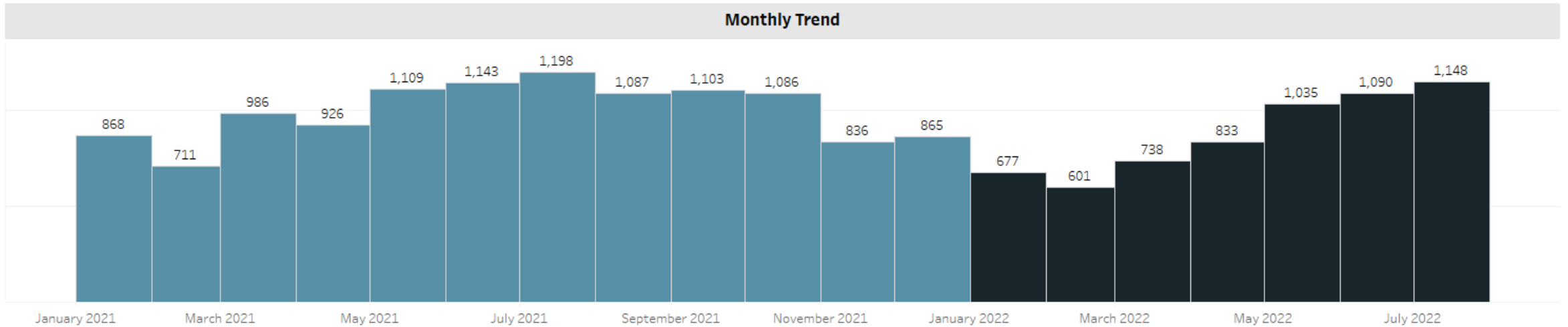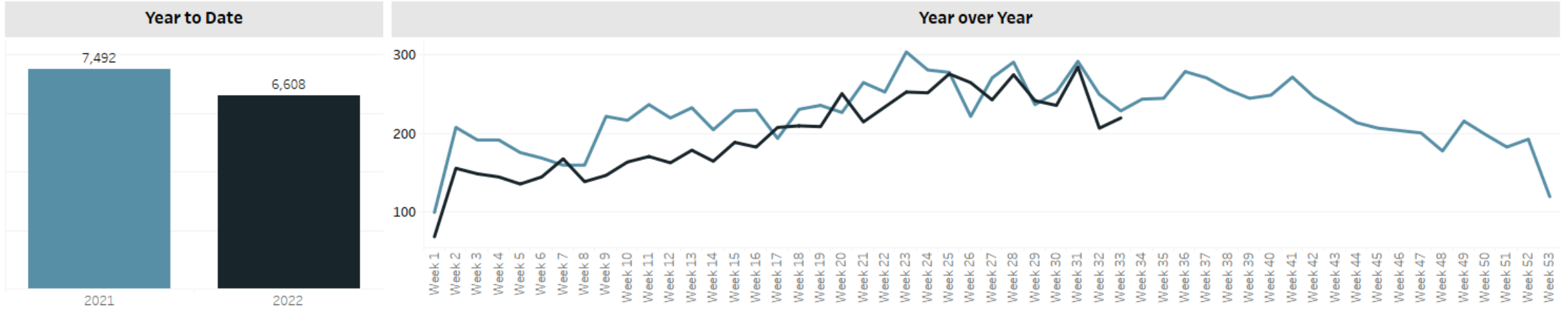
Example 2: Citywide Priority 1 Response Time

Average Priority 1 Total Response Time in Minutes by Month

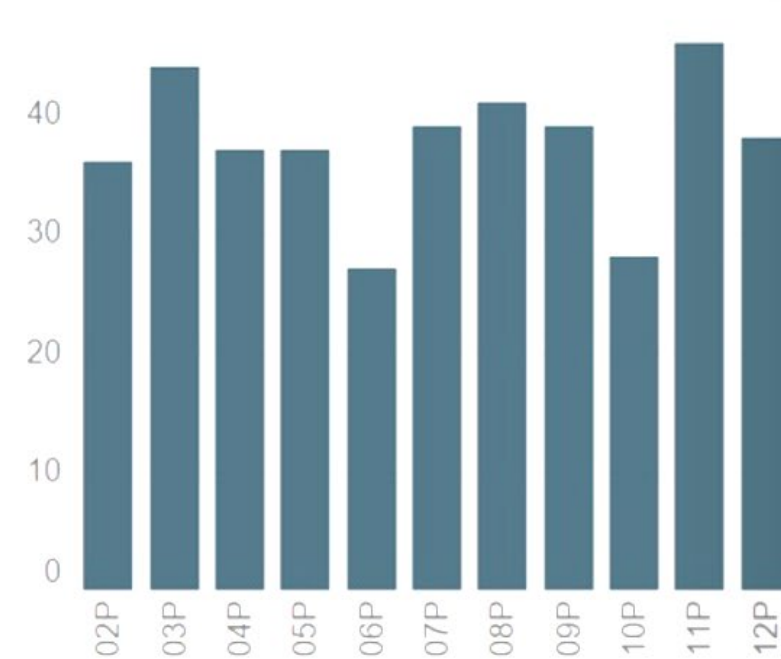# Example 3: Citywide Traffic Accidents

Last week, the City recorded 423 traffic accidents in CAD which is a -5.4% change compared to the prior week and a 27% decrease compared to the prior year for the same time period.

Last week, the 11 Precinct had the most 911 calls for service for accidents with 46 which is a 0% change compared to the prior week and a 18% increase compared to the prior year for the same time period according to CAD.

Accidents in CAD by Week
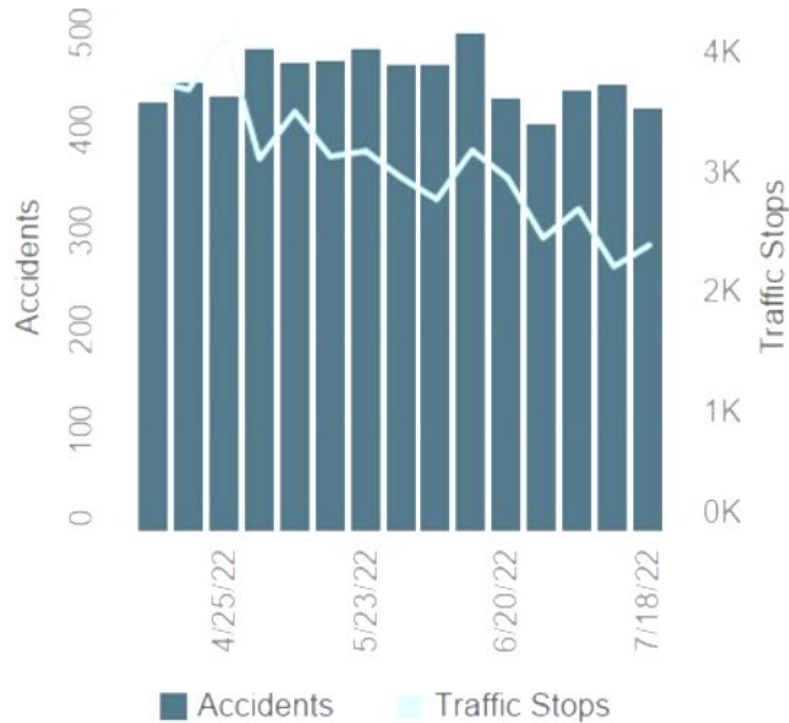
of Accidents by Precinct (Last Week)

Questions?