

Email Draft to the Research & Statistics Team Lead

Subject: Findings and Data Concerns – Obnoxiousness Convictions Disposition Analysis (CY 2022)

Hello Team,

I've completed the requested analysis of criminal cases involving "obnoxiousness" convictions across the 61st District (Adams, Fillmore, Quincy) for calendar year 2022. Below is a summary of key findings and data quality observations:

Key Findings:

- Adams and Fillmore counties both exhibit elevated average disposition times, particularly in April and May.
- There is a strong correlation between increased motion activity (especially continuances) and longer case resolution times.
- Quincy County had no qualifying cases for this charge category in 2022.
- Compared to other counties (e.g., Pierce, Buchanan), Adams and Fillmore show consistently higher delays, indicating a district-specific challenge.

Data Quality Concerns:

- Approximately 4% of records were excluded due to:
 1. Invalid or future dates (e.g., February 29, 2023; dates beyond 2030)
 2. Missing disposition dates
- Some cases lacked sufficient detail in motion descriptions or showed duplications due to multiple charges per case (addressed via case-level aggregation).

I've attached the final report, supporting summary tables, and a Power BI dashboard screenshot to provide an overview of trends, benchmarks, and motion analysis. Please let me know if additional breakdowns or interactive access are needed.

Best regards,

Mallikarjun Gudumagatte Nagaraja