

EXAMPLE DALLAS PD AUTOMATED REPORT

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Intro

This is an example standard report, based on Dallas Open Crime Data, that [CRIME De-Coder](#) can help build for your agency.

This is automated to run once a week on my local computer. So should have up to date data and graphs, based on open Dallas PD crime data.

Year to Date Statistics

This tables displays year to date statistics, for the prior year as of the specified date compared to this year. Broken down by NIBRS crime categories.

Poisson Z-scores of greater than 3 indicate a substantive increase, and Poisson Z-scores less than 3 indicate a substantive decrease for the year-over-year stats.

NIBRS	2025	2026	Difference	Poisson-Z
DRUG/ NARCOTIC VIOLATIONS	2322	3626	1304	24.1
LARCENY/ THEFT OFFENSES	8173	9050	877	9.5
FRAUD OFFENSES	773	943	170	5.8
WEAPON LAW VIOLATIONS	486	611	125	5.3
PUBLIC INTOXICATION	377	482	105	5.1
DRIVING UNDER THE INFLUENCE	443	523	80	3.6
COUNTERFEITING / FORGERY	50	79	29	3.6
TRESPASS OF REAL PROPERTY	424	489	65	3.0
ASSAULT OFFENSES	2259	2317	58	1.2
EMBEZZELMENT	89	85	-4	-0.4
BURGLARY/ BREAKING & ENTERING	1925	1784	-141	-3.3
FAMILY OFFENSES, NONVIOLENT	222	167	-55	-4.0
ALL OTHER OFFENSES	2731	2496	-235	-4.6
DESTRUCTION/ DAMAGE/ VANDALISM OF PROPERTY	2647	2409	-238	-4.7
TRAFFIC VIOLATION - HAZARDOUS	647	519	-128	-5.3
STOLEN PROPERTY OFFENSES	171	91	-80	-7.1
ROBBERY	725	542	-183	-7.3
MOTOR VEHICLE THEFT	8634	6212	-2422	-28.2

Temporal Crime Breakdown

These charts display weekly and monthly trends for specific crime types. Charts can be expanded to examine any particular type of crime breakdown you specify at the onset.

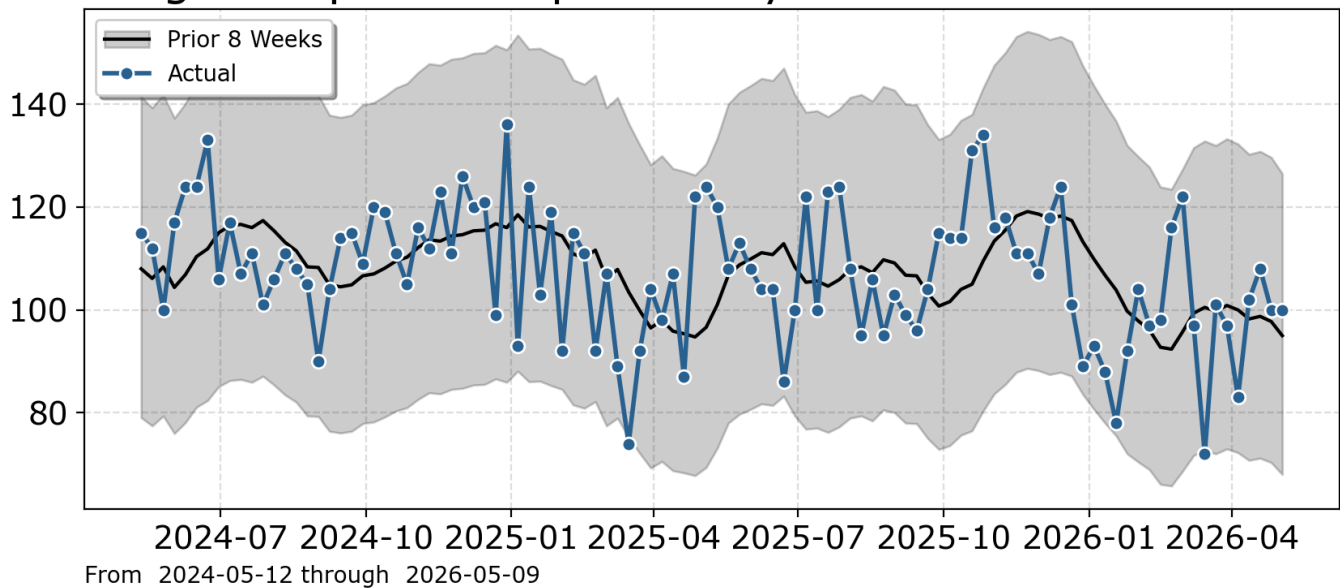
The weekly charts display error intervals (based on the Poisson Z-scores) for the running average of the prior 8 weeks. If an event is outside of these intervals, it signals that week is an outlier. The black line signals longer term trends.

The monthly chart displays seasonal trends compared to prior years, since 2018 in this data.

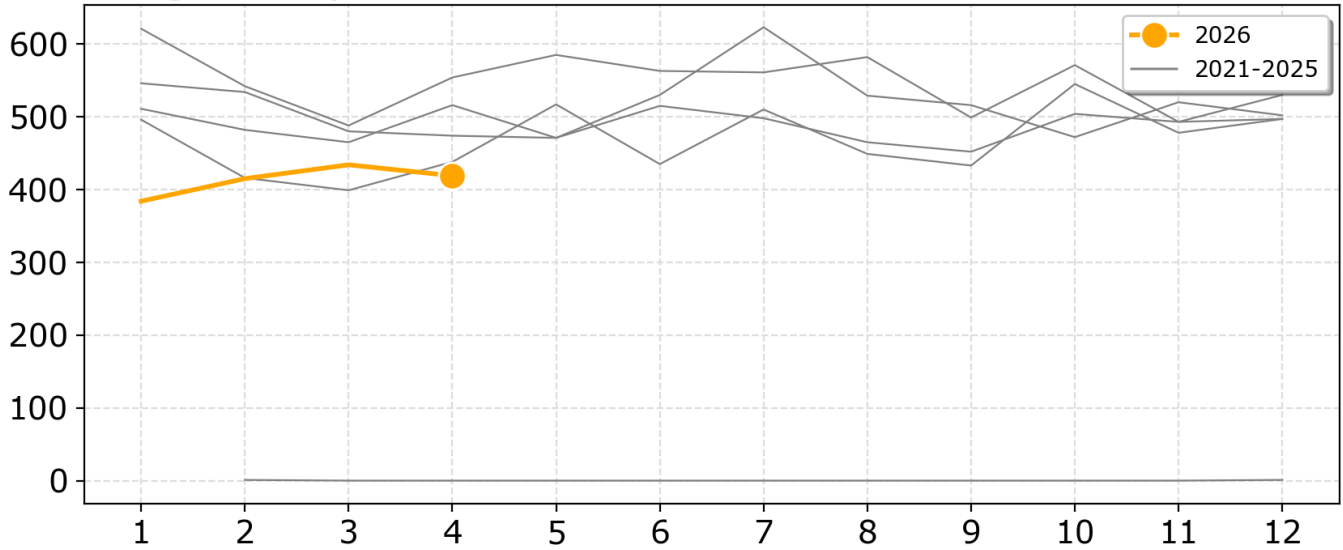
Charts only display completed time periods based on the data. So do not report partial months or weeks.

Burglary

Burglaries per week past two years

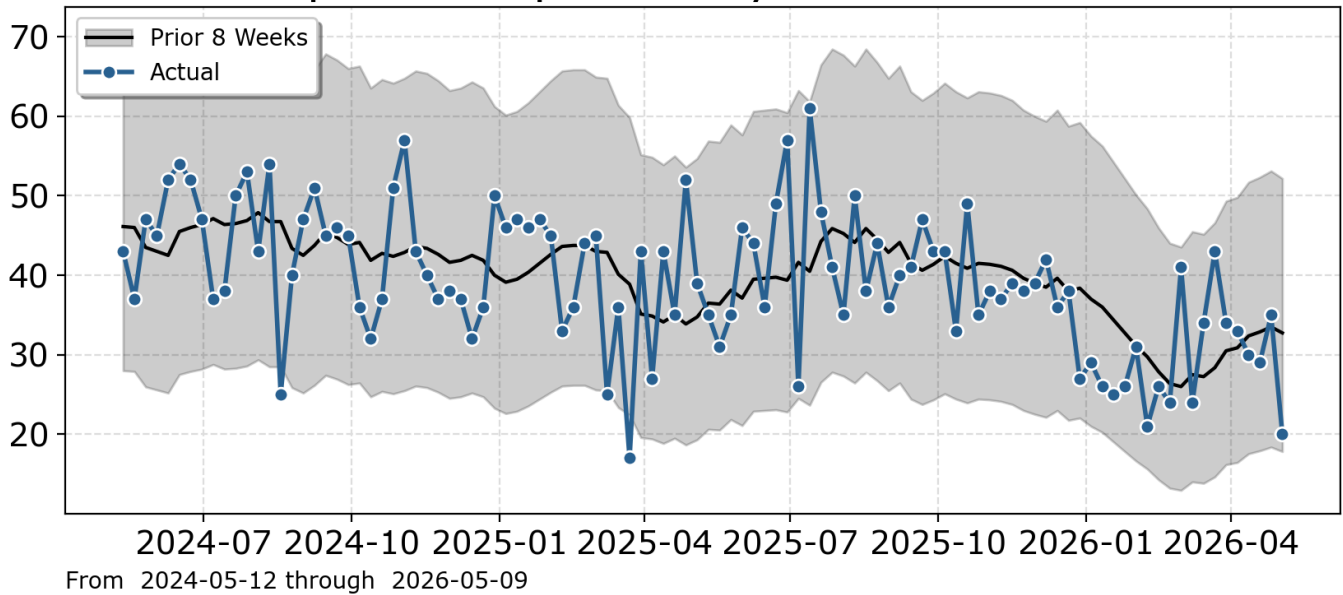


Burglaries per Month

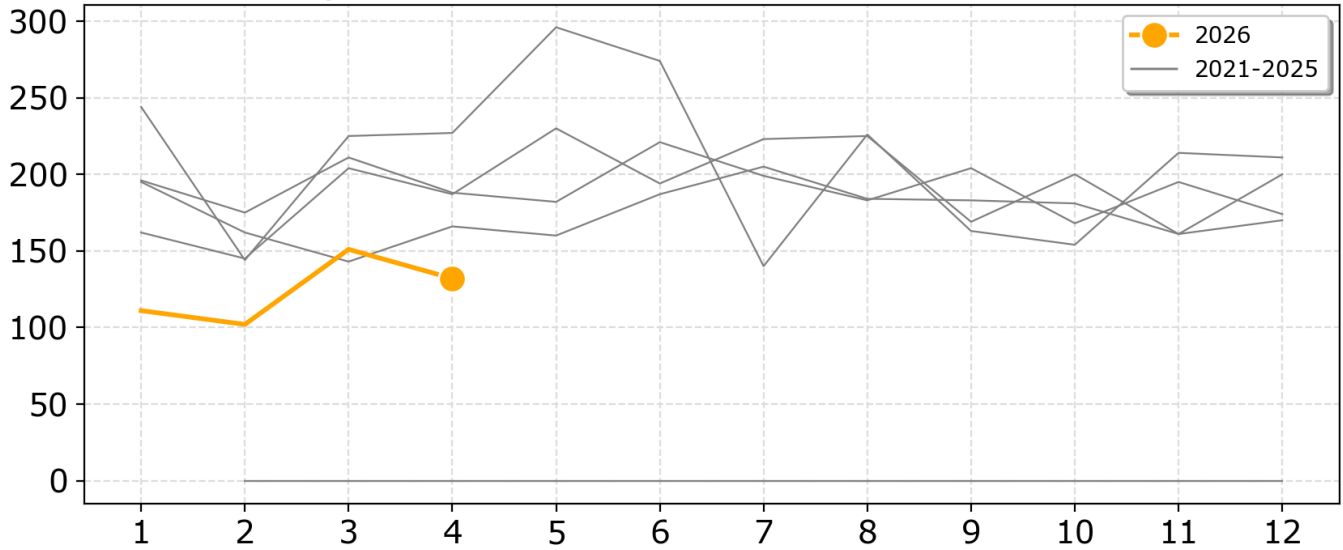


Robbery

Robberies per week past two years

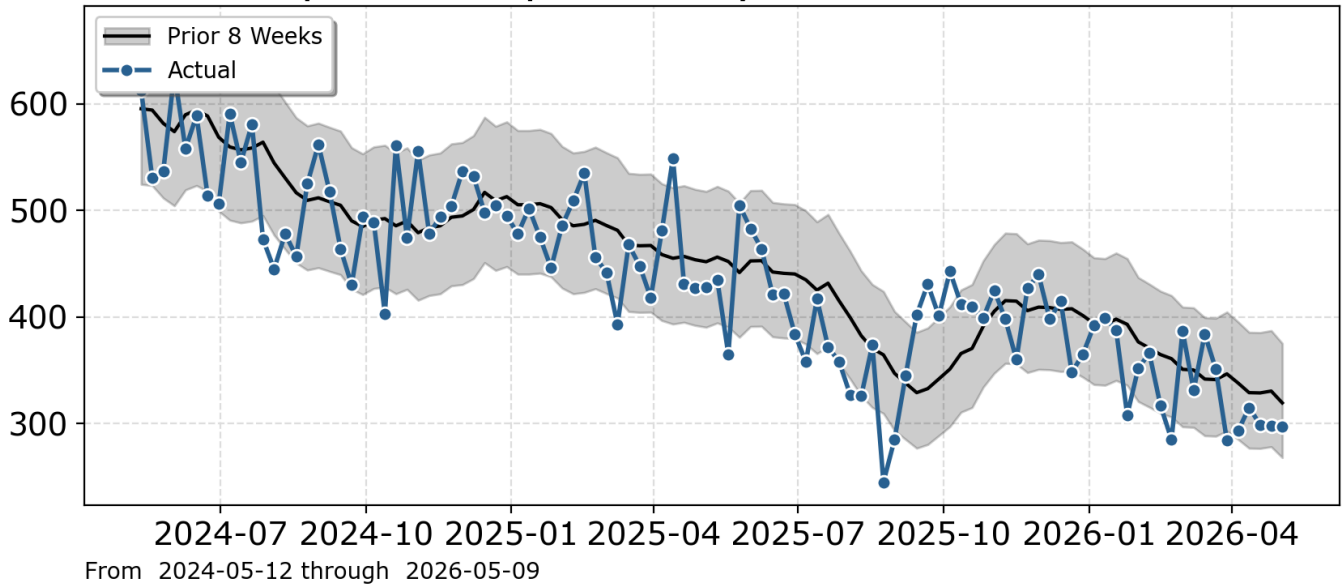


Robberies per Month

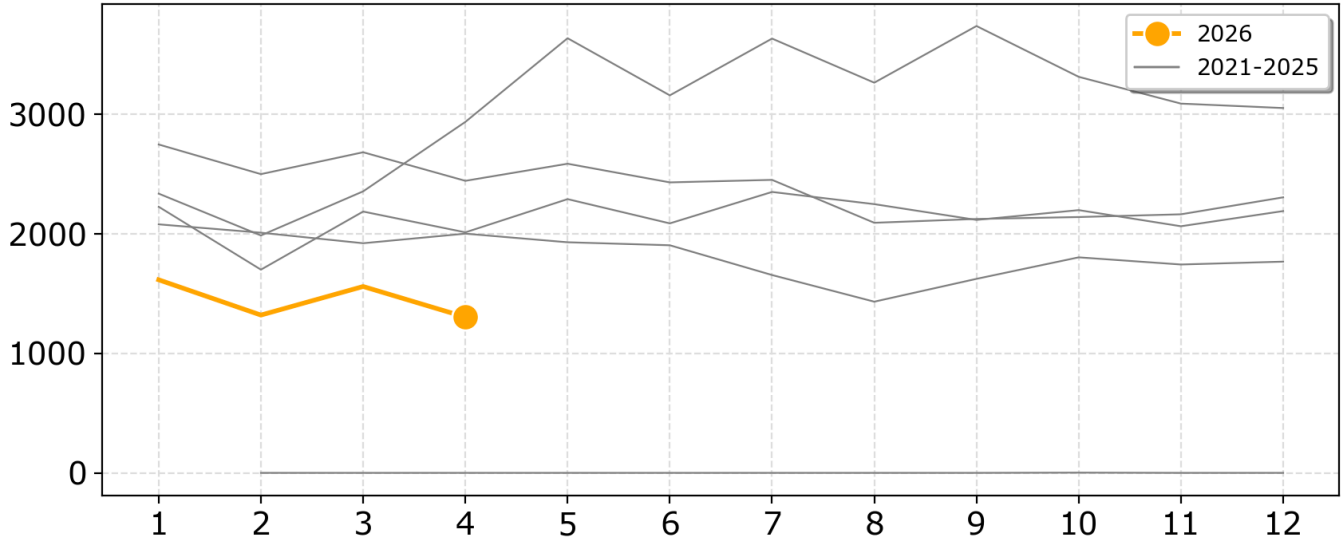


Motor Vehicle Theft

MV Theft per week past two years



MV Theft per Month



Repeat Harm Addresses

A common, simple technique to identify hot spots is to conduct repeat address mapping. For illustration here I aggregate crimes according to Harm Indices, and get the Top 10 Addresses for the data. These are labor cost of crime estimates for addresses, normalized per year. So an address with a cost of \$500,000 I expect generates half a million dollars of labor cost for Dallas PD to respond to crime incidents at that location.

I also include stats for crimes within the past 90 days, so you can identify if they are still recurring problem addresses, or if they have potentially cooled down.

Note I filter out several Dallas PD headquarter addresses, such as 1400 S LAMAR ST and 1400 BOTHAM JEAN BLVD, as this is Dallas PD headquarters.

Address	Cost	Property	Violent	Past 90 Prop.	Past 90 Viol.
8008 HERB KELLEHER WAY	\$608k	814	310	25	1
8687 N CENTRAL EXPY	\$383k	1950	22	75	0
8687 N CENTRAL SERV SB	\$216k	924	40	48	0
1818 CORSICANA ST	\$171k	180	103	18	9
13350 DALLAS PKWY	\$166k	752	25	25	0
3550 E OVERTON RD	\$159k	306	75	7	2
1521 N COCKRELL HILL RD	\$151k	589	30	30	4
2417 N HASKELL AVE	\$137k	598	22	92	2
9600 FOREST LN	\$131k	337	53	13	0
7401 SAMUELL BLVD	\$131k	433	37	18	5

Meta

This is an example crime report that can be automated. This is a basic demonstration using open crime data from Dallas.

Different charts and graphs can be amended to your particular tastes, as well as output formats, e.g. if you want online HTML, a PDF to be automatically emailed, or a word document that you can edit.

[Get in touch](#) if this is something you would be interested in building for your agency.