



TORONTO'S AUTO THEFT SURGE

A DATA-DRIVEN LOOK AT NEIGHBORHOOD
IMPACT

COMP 4008
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EXECUTIVE SUMMARY

Auto thefts in Toronto have surged by 54% over the past decade, with some neighborhoods facing rates over 5x higher than the city average.

- Analyzed trends using Excel and Python
- Calculated auto theft rates per 1,000 residents
- Identified the top 5 high-risk neighborhoods
- +54% rise in thefts from 2014 to 2024.
- West Humber-Clairville leads with 1696 thefts per 100,000 people.
- Recommendation: Focus law enforcement & public awareness in high-risk zones.



objective



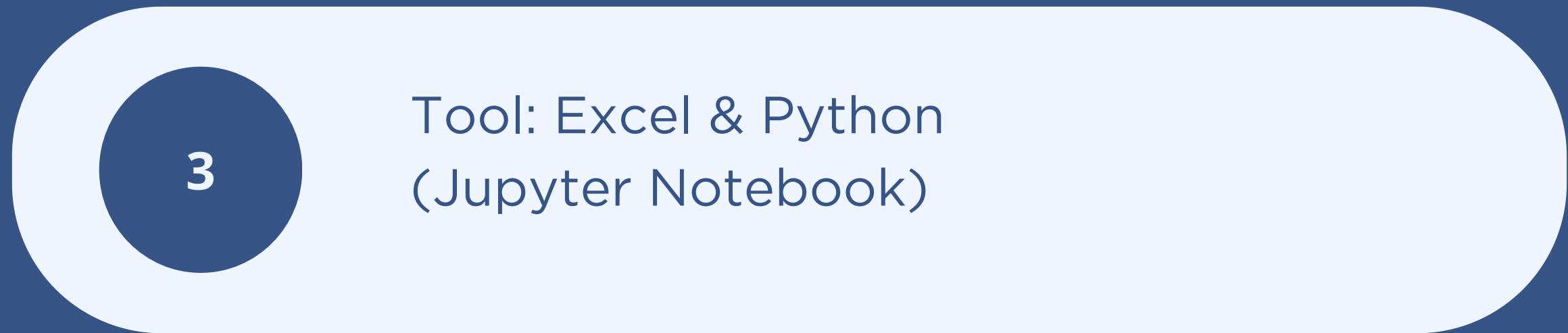
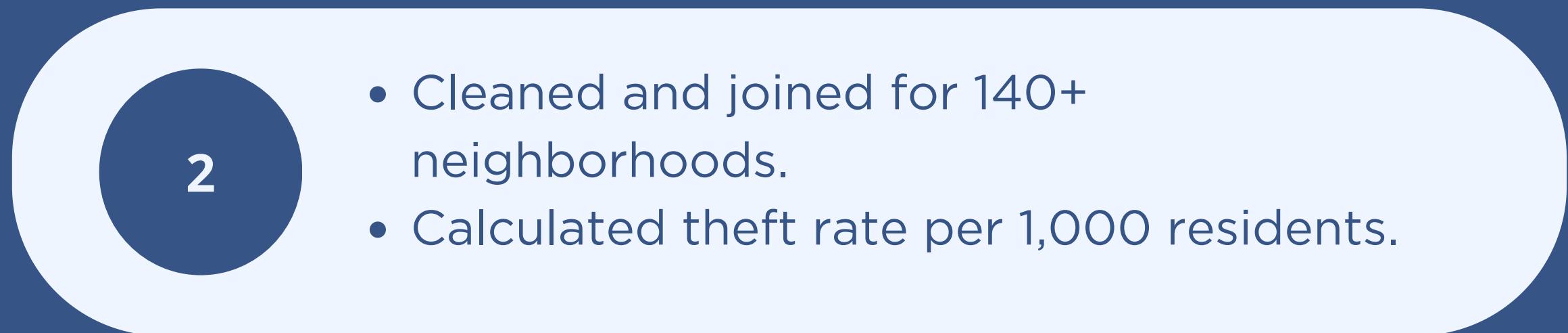
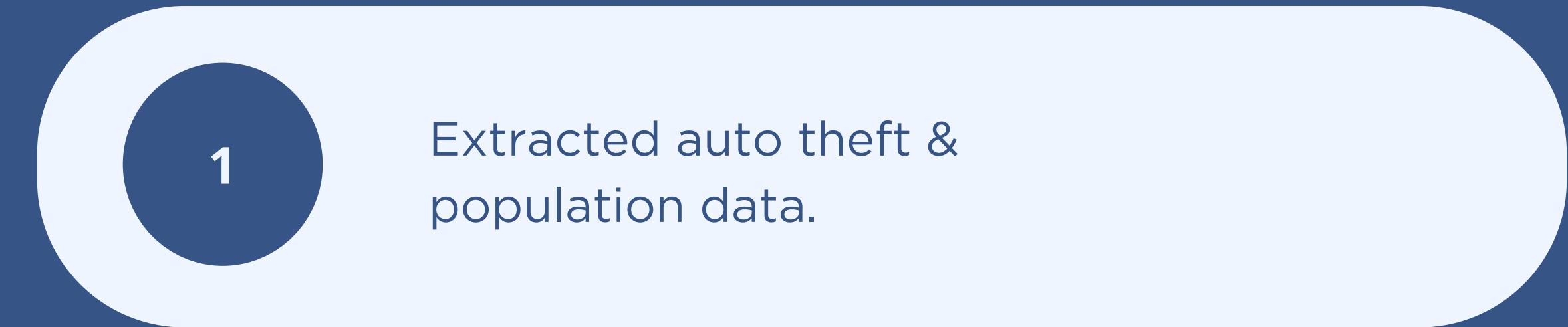
How can Toronto reduce auto theft using public data insights?

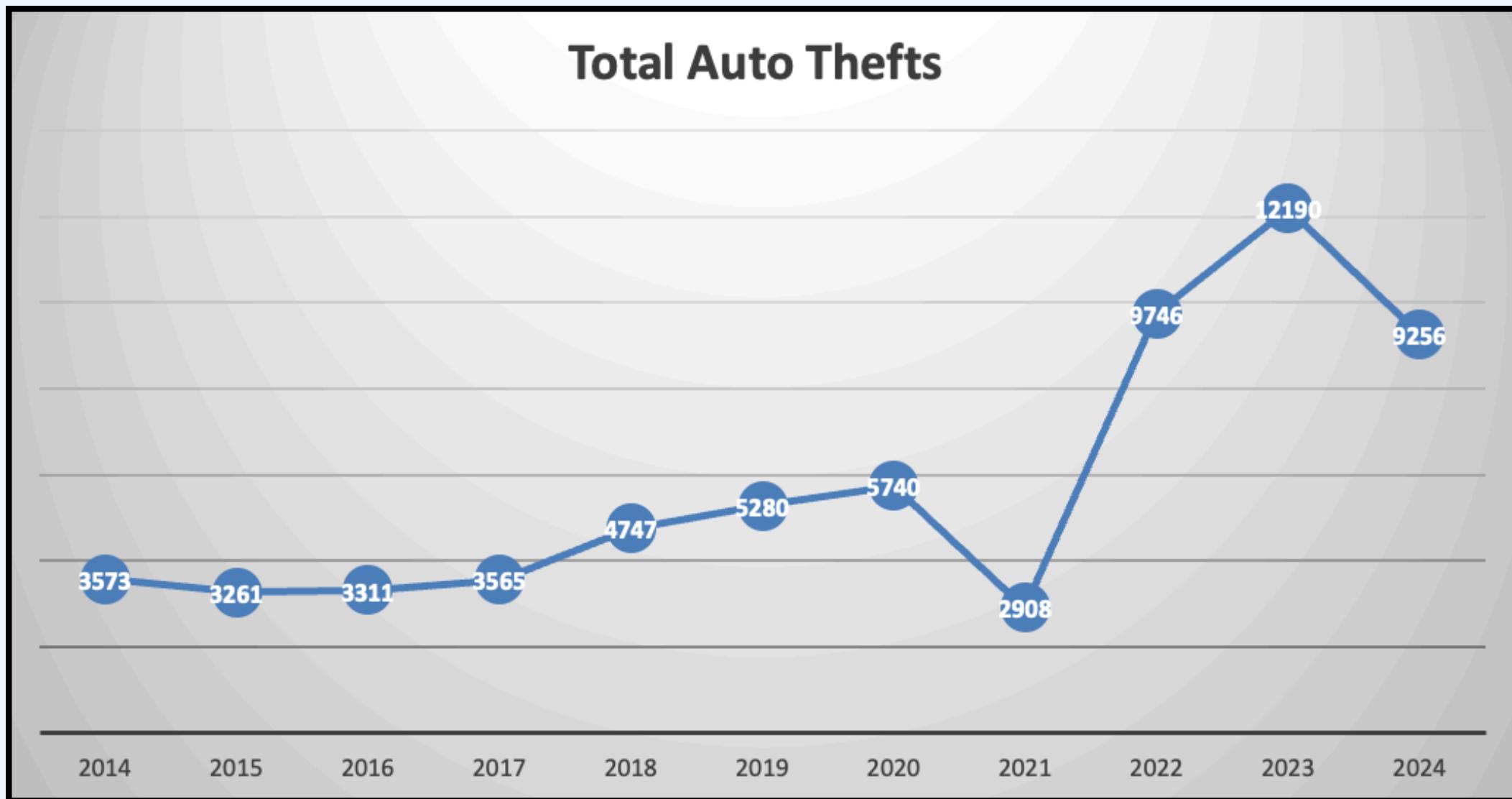
Why it matters?

- Theft is rising faster than population.
- Some areas face 5x the city average.
- Data can help direct action and save resources.



DATA & ETL PROCESS





We created this chart using Excel, based on annual totals extracted from the Toronto Open Data dataset. It highlights a clear upward trend, reinforcing the need for urgent action.

TORONTO'S AUTO THEFTS DOUBLED AFTER 2021

This line chart shows the total number of auto thefts reported in Toronto from 2014 to 2024.

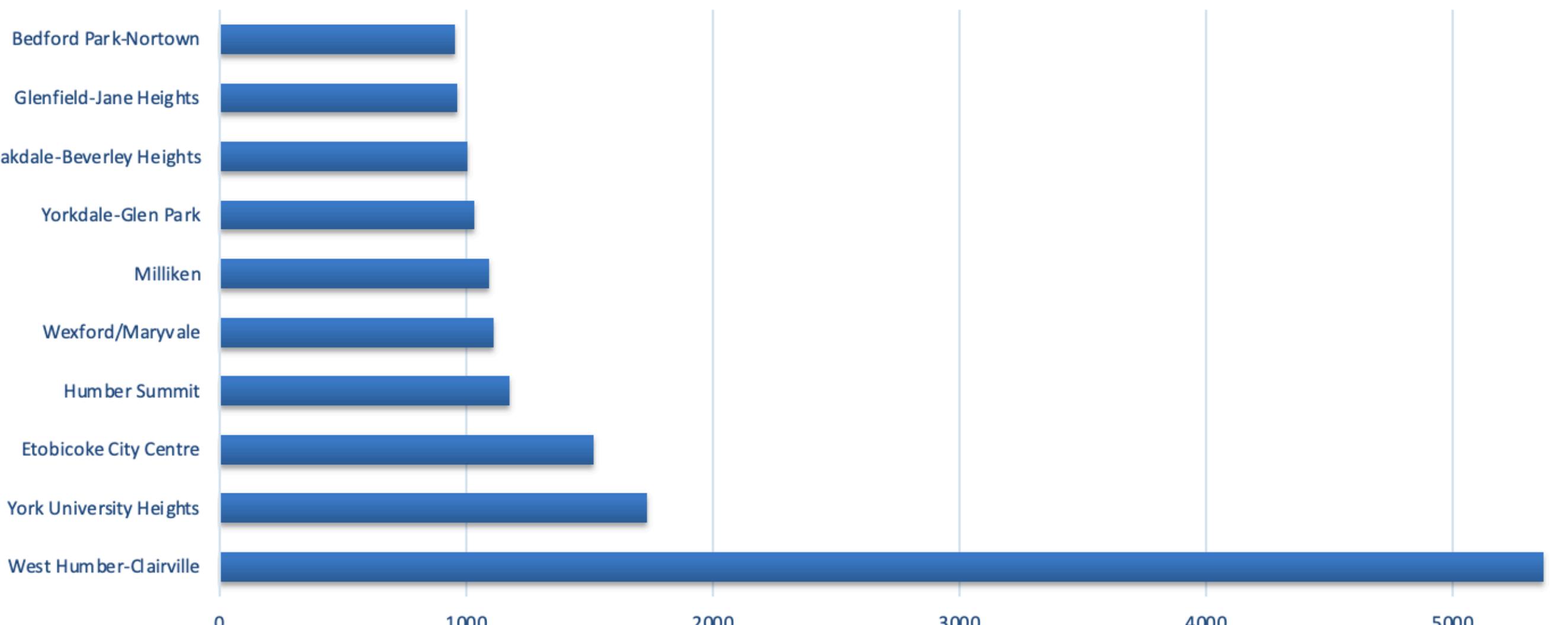
- Thefts stayed between 3,000-5,000 until 2021.
- A sharp increase started in 2022, peaking at 12,190 thefts in 2023.
- Slight drop in 2024, but thefts remain significantly above pre-2021 levels.

TOP 10 RISK NEIGHBORHOODS – 2024

This chart shows the 10 worst-hit areas for car theft in Toronto (2014–2024).

- West Humber-Clairville leads with over 5,000 thefts.
- Others like York University Heights and Etobicoke City Centre also show high numbers.

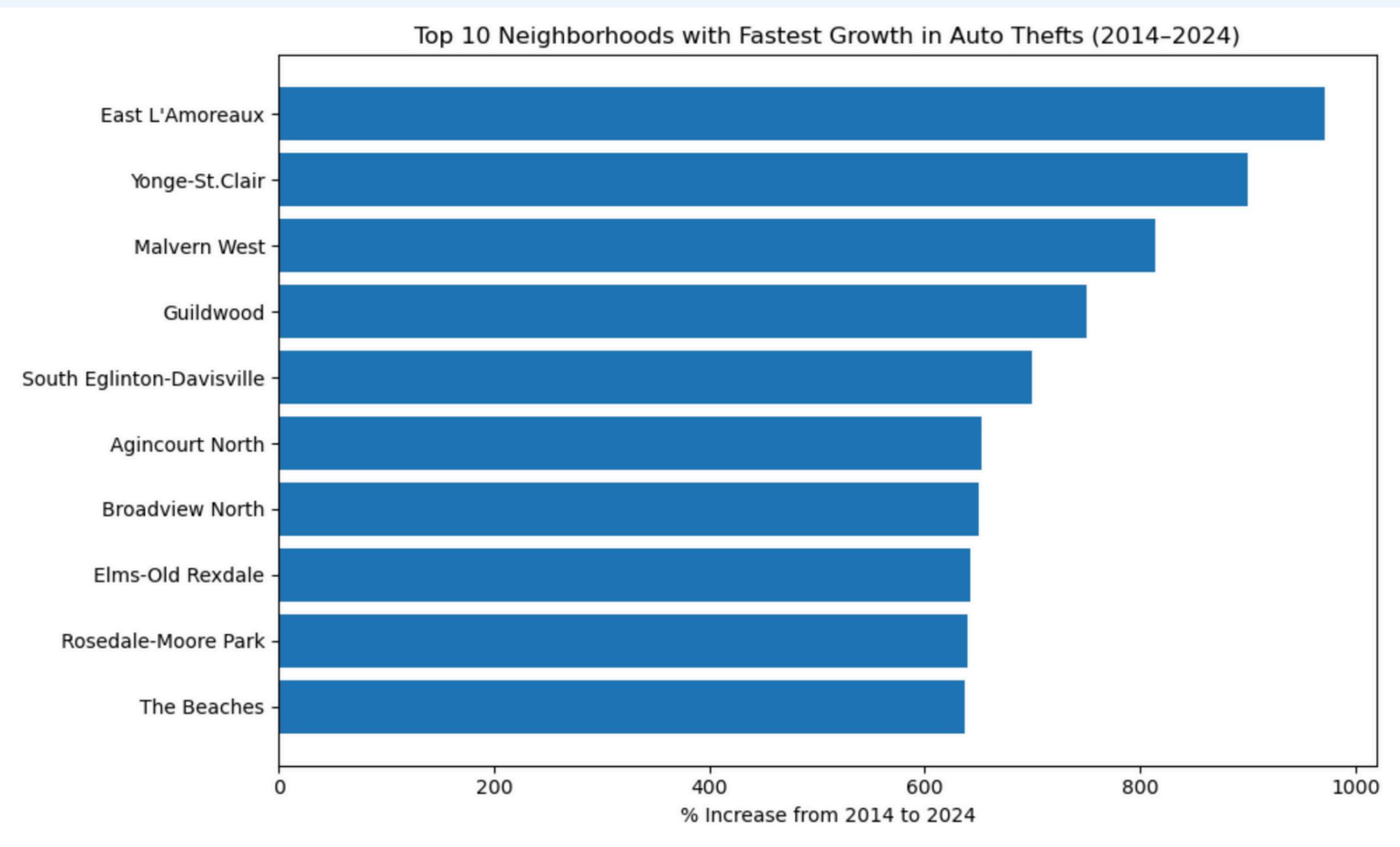
Top 10 Toronto Neighborhoods for Auto Theft (2014–2024)



Created in Excel by summing total thefts per neighborhood and ranking the top 10.



FASTEAST GROWING NEIGHBORHOODS (2014-2024)



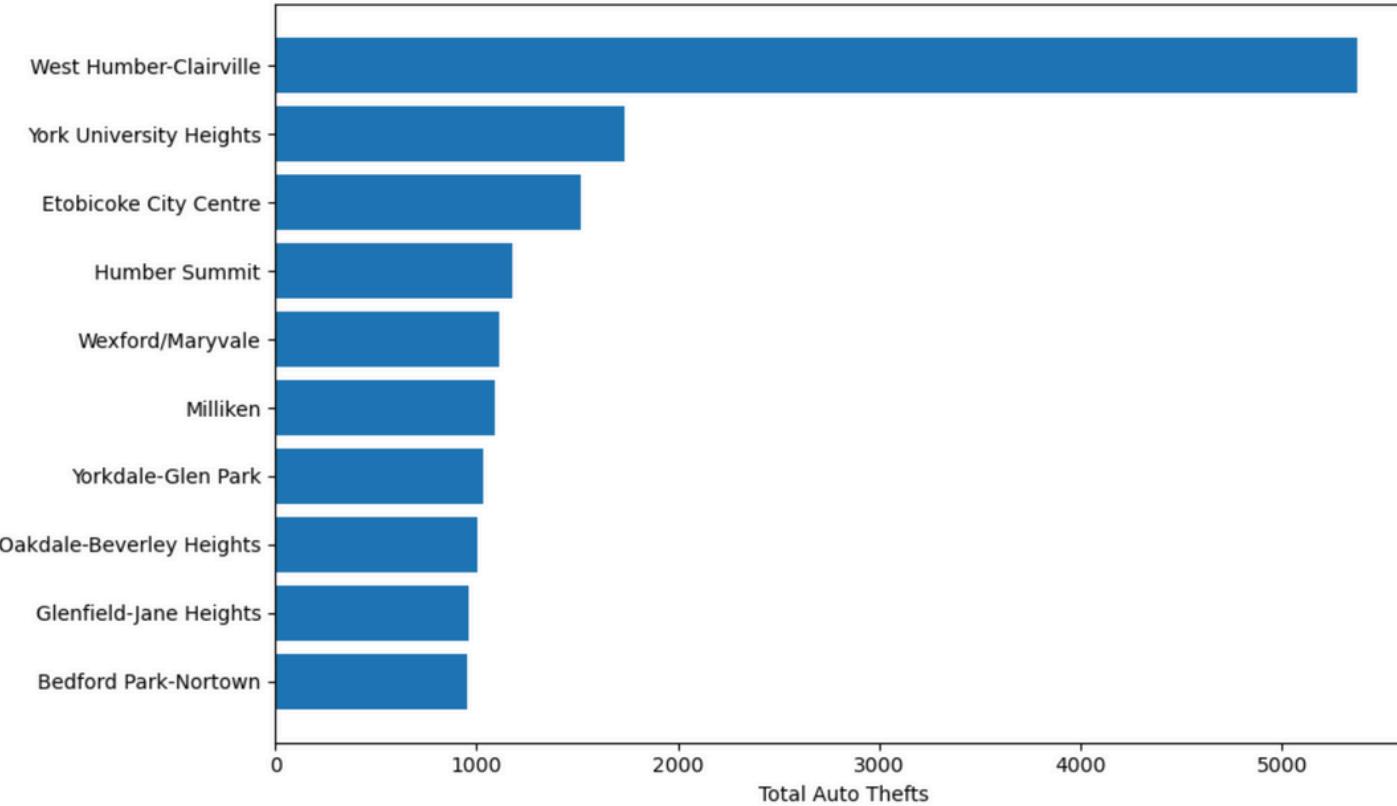
- Theft volume grew by over 900% in some neighborhoods.
- Example: East L'Amoreaux went from 7 thefts (2014) to 75 (2024) — a 971% increase.
- These areas may not have highest volume, but their growth rate shows increasing vulnerability.



TABLE HIGHLIGHTS

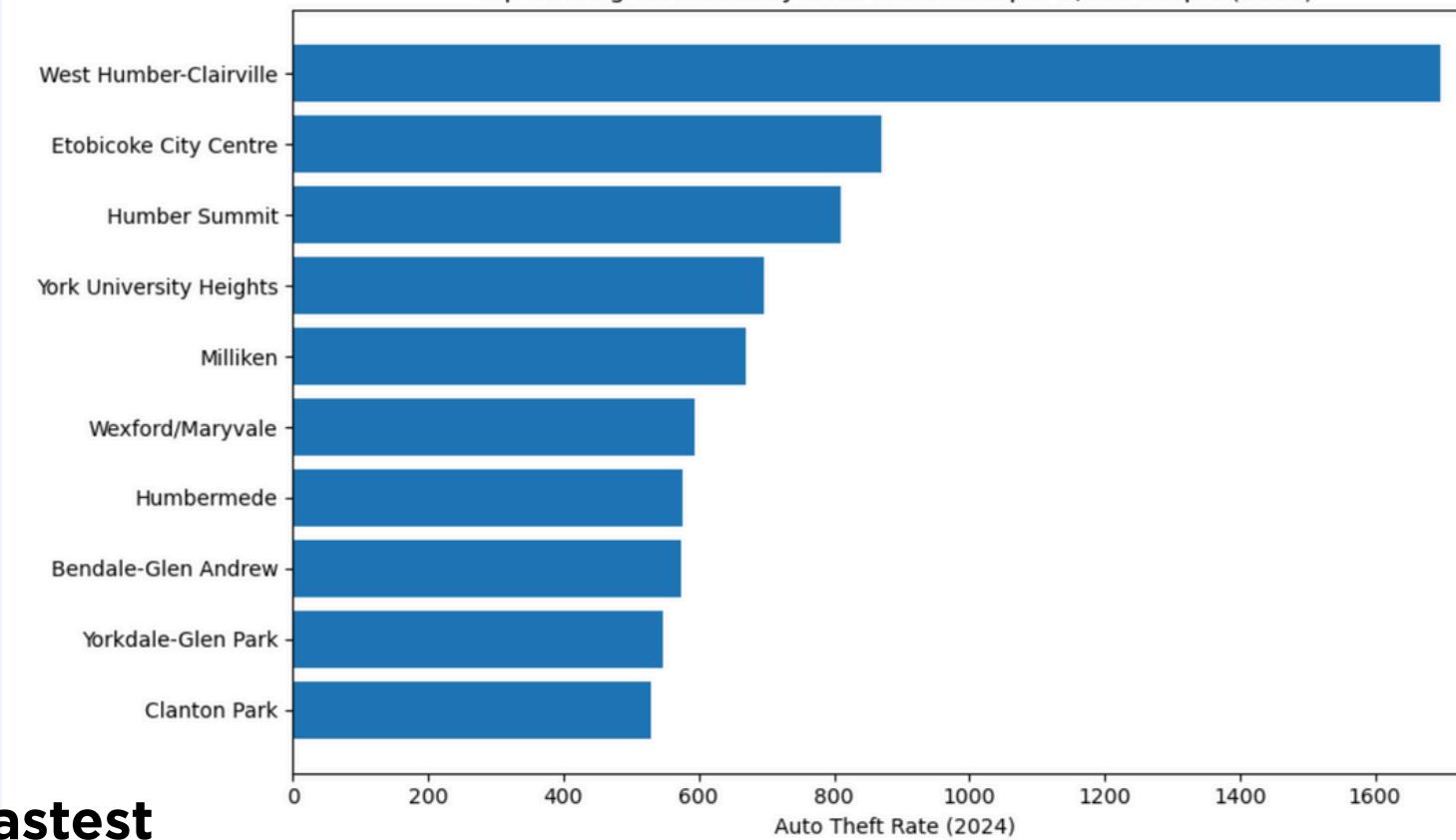
Where Thefts Are Highest

Top 10 Neighborhoods by Total Auto Thefts (2014-2024)



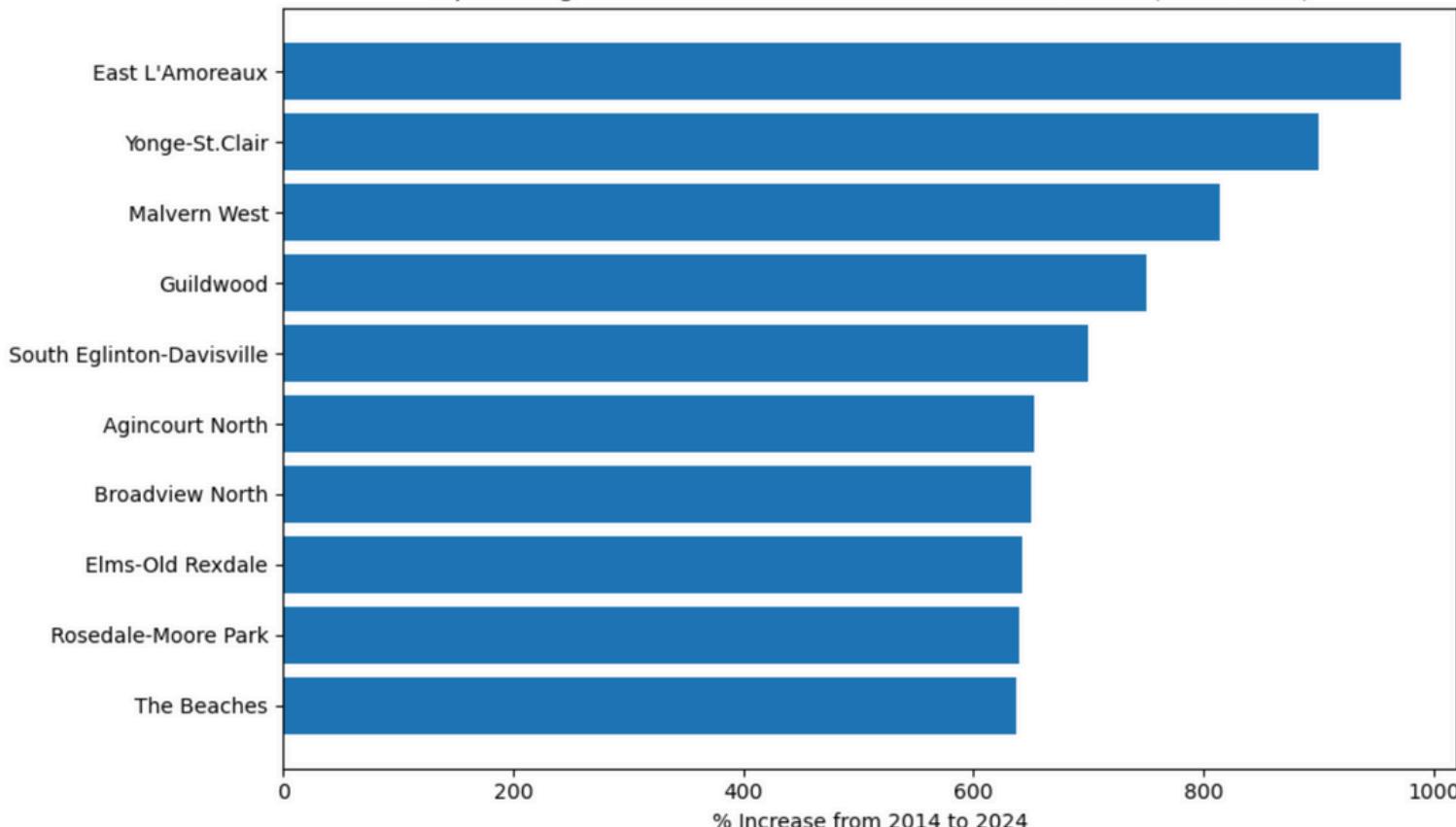
Where Residents Are Most at Risk

Top 10 Neighborhoods by Auto Theft Rate per 1,000 People (2024)



Where Thefts Are Growing Fastest

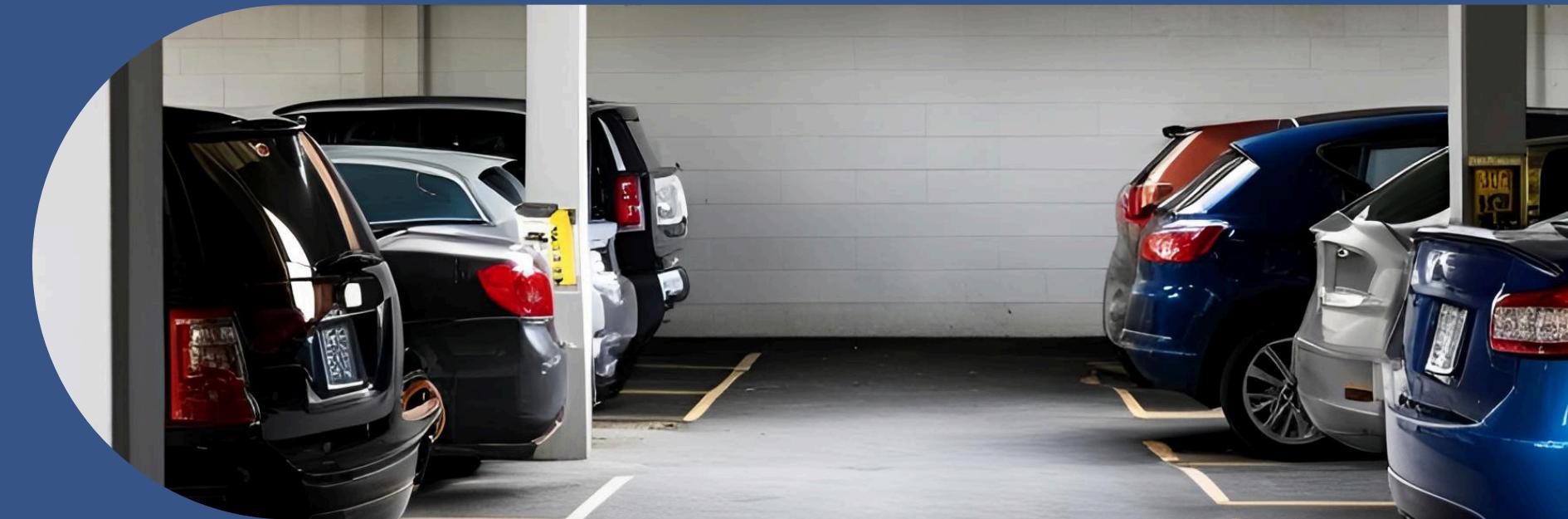
Top 10 Neighborhoods with Fastest Growth in Auto Thefts (2014-2024)





WHY AUTO THEFT IS RISING FAST: 4 KEY FACTORS

- High-value vehicles targeted (SUVs, luxury brands)
- Organized crime groups exploiting weak enforcement



- Parking in unsecured lots or garages
- Spike in winter months when cars are left running

DATA-DRIVEN RECOMMENDATION

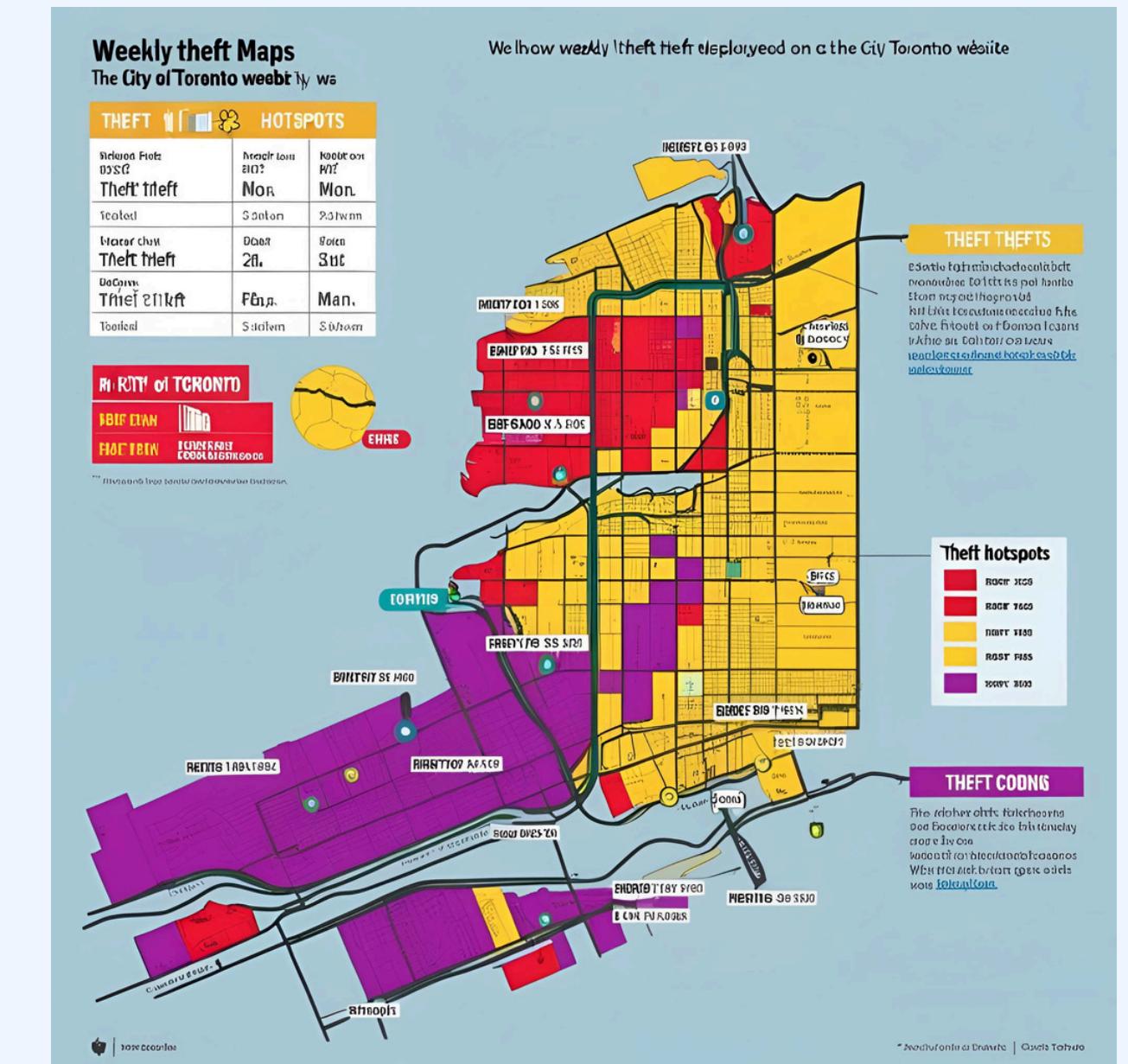
1. Targeted Police Patrols

Focus on top 5 neighborhoods with mobile surveillance units.

2. Public Awareness Campaigns

Use social media + signage in high-risk zones.

3. Real-Time Theft Heatmaps



CLOSING & CALL TO ACTION



With a focused approach, Toronto can cut car theft by thousands per year and make our neighborhoods safer.

Smart data. Safer streets. Let's take action!!





THANK YOU

FOR YOUR ATTENTION

