The Real-Time Crime Index

Real-Time
Crime Index

Project Overview

The Real-Time Crime Index is designed to show **national crime trends** with minimal delay by gathering data from hundreds of law enforcement agencies nationwide.

- Currently publishing data on ~1.5 month delay.
- Data coming directly from agencies, through publicly available sources, and state UCR programs.
- All data is standardized to Uniform Crime Report Part I standards with the national sample drawing on all agencies with data through June 2024.

The RTCI Is…

Built by AH Datalytics with support from Arnold Ventures.

Preliminary, unofficial data from hundreds of law enforcement agencies nationwide.

Able to accurately identify crime trends as they occur.

Designed to function in coordination with other data sources to create a comprehensive national crime trends.

An evolving and improving project!

The RTCI Is Not…

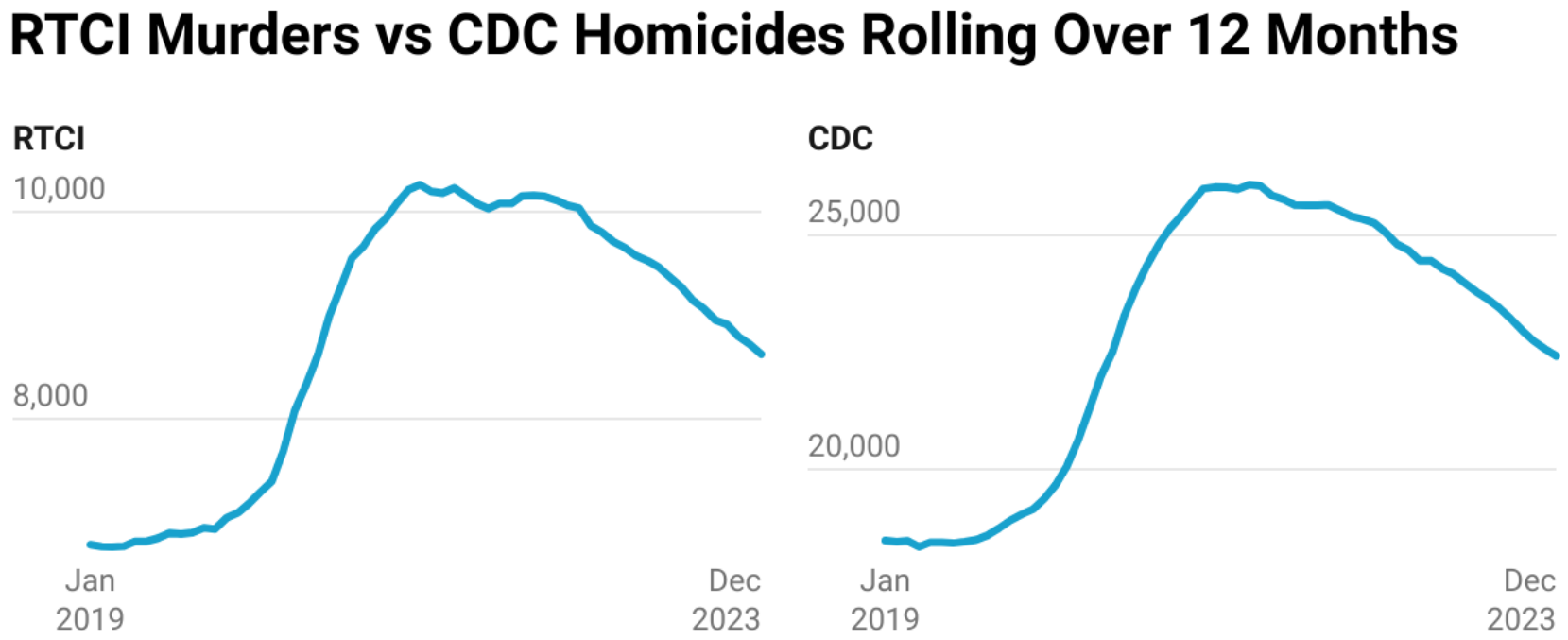
Final, official crime estimates.

A precise measure of crime counts locally and nationally.

An identical match to crime figures published elsewhere.

Able to capture data on crimes that are not reported to law enforcement.

Identifying National Trends with RTCI



The RTCI National Sample

Real-Time Crime Index Makeup

Data is currently available from 350+ agencies nationwide covering over 82 million people.

- About 25 percent of the US population is covered under the RTCI.
- The RTCI has data for 29 of the top 30 biggest cities in the US.
- The sample includes more than 40 percent of US murders between 2017 and 2022.

Current data (through June 2024) is available for more than 300 agencies nationwide covering over 76 million people.

What RTCI Shows

Last Year’s RTCI Trends

Murder fell 10.7 percent in RTCI from 2022 to 2023.

Violent crime was down 2.5 percent.

Property crime was up 0.2 percent.

Real-Time Crime Index Crime Change, 2022 vs 2023

Crime	2022	2023	% Change
Violent Crime	451,622	440,447	−2.5%
Murder	9,654	8,621	−10.7%
Rape	33,320	31,722	−4.8%
Robbery	108,035	107,456	−0.5%
Aggravated Assault	300,613	292,648	−2.6%
Property Crime	2,107,641	2,112,733	0.2%
Burglary	279,621	261,887	−6.3%
Theft	1,450,695	1,376,876	−5.1%
Motor Vehicle Theft	377,325	473,970	25.6%

This Year’s RTCI Trends

Murder down 15.7 percent through June 2024.

Violent crime is down 5.1 percent.

Property crime is down 8.8 percent.

Real-Time Crime Index Crime Change, YTD 2023 vs 2024

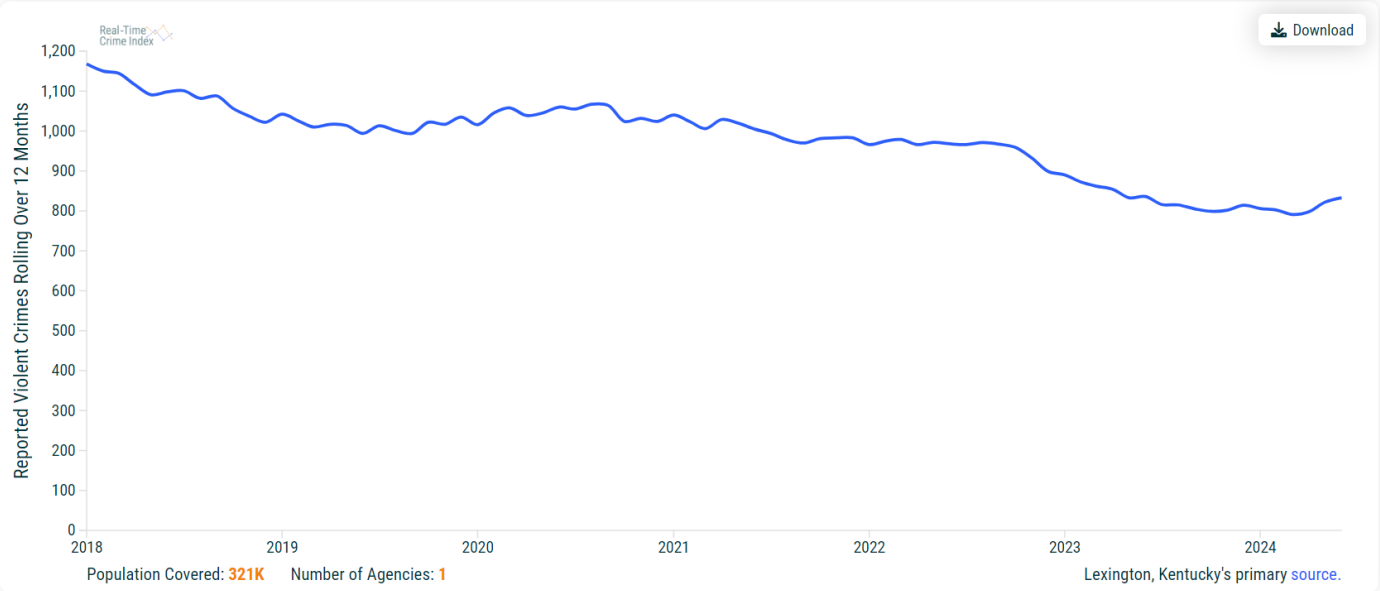
Crime	YTD 2023	YTD 2024	% Change
Violent Crime	216,198	205,222	-5.1%
Murder	4,298	3,625	-15.7%
Rape	16,346	14,706	-10.0%
Robbery	50,682	47,550	-6.2%
Aggravated Assault	144,872	139,341	-3.8%
Property Crime	1,033,275	942,305	-8.8%
Burglary	129,176	120,162	-7.0%
Theft	676,699	633,586	-6.4%
Motor Vehicle Theft	227,400	188,557	-17.1%

Lexington Violent Crime

Reported UCR Part One Crimes by Month

Show me reported Violent Crimes in Kentucky for Lexington as 12 Month Rolling Sum

Graph | Table



Year to Date Violent Crimes
Jan - Jun 2024
415

Previous YTD Violent Crimes
Jan - Jun 2023
396

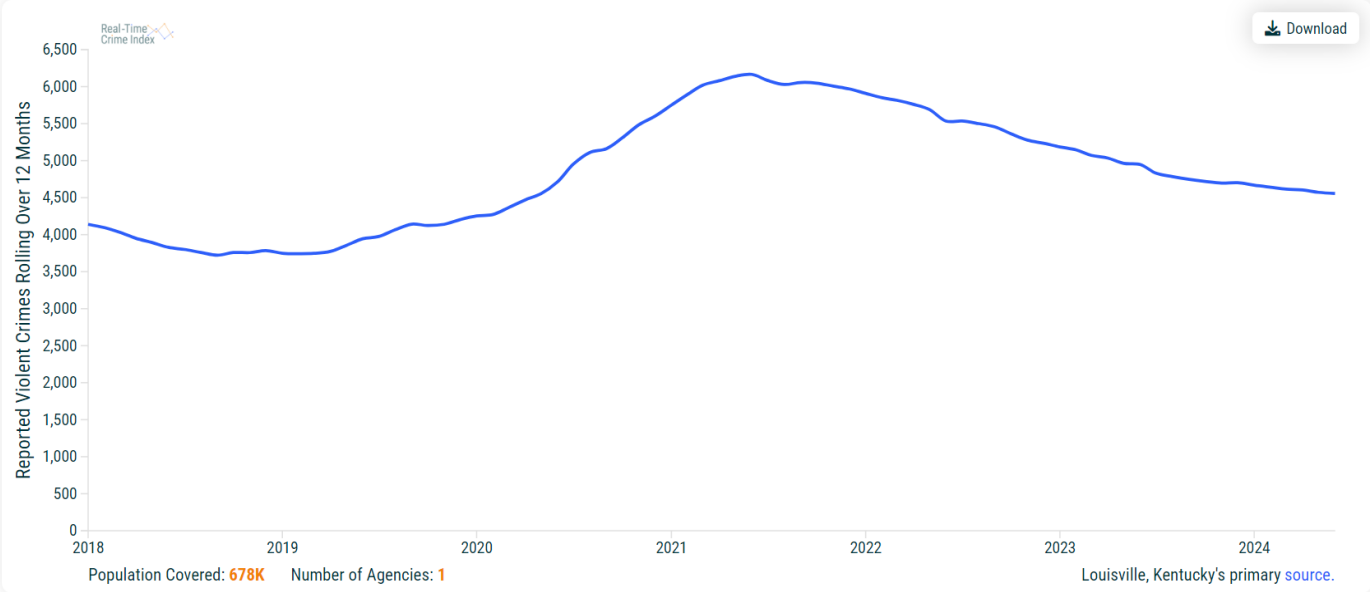
% Change in Violent Crimes YTD
+4.8%

Louisville Violent Crime

Reported UCR Part One Crimes by Month

Show me reported Violent Crimes in Kentucky for Louisville as 12 Month Rolling Sum

Graph | Table



Year to Date Violent Crimes
Jan - Jun 2024
2,180

Previous YTD Violent Crimes
Jan - Jun 2023
2,326

% Change in Violent Crimes YTD
-6.3%

What’s Next For RTCI

The RTCI is an Evolving Project

Adding agencies through direct outreach with agencies, state UCR programs.

- Goal is to reach 500 to 1,000 agencies.

Expand RTCI's analytic prowess.

- What does the sample mean for national crime trends historically?

Add new topic areas.

- Possible areas include NIBRS, shooting victimization, clearance rates, carjackings, staffing, and more.

Incorporate feedback and add new features to visualizations.

We Need Help!

More agency & state participation will lead to better predictive value.

If you represent an agency/state OR know an agency/state that might be willing to participate please be in touch.