

Reducing Gun Violence,  
Advancing Justice

UPDATED AUGUST 2025

# Data Resources Reference Sheet

## OVERVIEW

Below is a list of data resources sometimes used by the Crime Lab. The list is Chicago-centric, but some state and national data sources are also included.

**Please note:** While we believe all the included resources are good sources of information, the Crime Lab did not create or maintain any of the sources below with the exception of the Violence Reduction Dashboard—which was originally created by Crime Lab and is now maintained by the City of Chicago.

## SCAN TO ACCESS DATA RESOURCES



## **CRIME LAB RESOURCE: THE CITY OF CHICAGO'S VIOLENCE REDUCTION DASHBOARD**

**Overview:** This dashboard utilizes data from the Chicago Police Department to provide real-time information about crime in Chicago. The goal of this dashboard is to increase information access, transparency, and help the direction of resources. The dashboard includes information about [city-funded violence prevention programs](#), one of the key intervention methods used to stop crime before it happens.

**About the data:** This dashboard utilizes local level data provided by the Chicago Police Department. While the underlying data is accessible to users, certain fields—such as the precise location of a crime incident—are not available for privacy reasons. The Violence Reduction Dashboard updates on a 48-hour cycle in order to provide timely information.



RESOURCE	ORGANIZATION	DESCRIPTION	DATA SOURCE(S)	ADDITIONAL INFORMATION
<a href="#">CFD Emergency Events by The City of Chicago Office of Inspector General</a>	City of Chicago Office of Inspector General	This dashboard utilizes Chicago Fire Department dispatch data in order to help visualize the frequency and personnel response of incidents. Events are categorized as Emergency Medical Services or Fire.	This dashboard utilizes local level 911 data provided by the Office of Emergency Management and Communications' (OEMC) Management Information System.	The dashboard is refreshed weekly on Sundays. CFD response times are not included in the dashboard due to data quality concerns.
<a href="#">Chicago Calls for Service Data</a>	City of Chicago Office of Public Safety Administration	This resource utilizes information from Chicago emergency dispatch centers. The data includes dispatch frequency, average on-scene time, and event priority.	The dataset contains information from the Computer-Aided Dispatch (CAD) System utilized in Chicago. CAD systems are utilized across the country to help manage and coordinate the response to emergency calls.	The dataset may not accurately reflect unit response times due to imprecision in arrival reporting. Law enforcement's ability to notify dispatch of their arrival is often dependent on the severity of the situation they encounter.
<a href="#">Chicago Crime Open Data Portal</a>	City of Chicago	The goal of this dashboard is to increase the availability of key public safety data to the public and improve transparency. The public safety portal provides information on arrests, crimes, sex offenders, police and fire stations, and more.	The data utilized by this portal comes from a variety of sources including CPD and other government agencies.	Each dashboard page in the portal is updated at different frequencies. Information about when a page was last updated is listed on the home page.
<a href="#">Chicago Health Atlas</a>	University of Illinois Chicago (UIC), Metopio, and Chicago Department of Public Health	This collection of dashboards measure and monitor progress around various health and equity metrics. This is included, but not limited to, visualizing data on housing, public health, transportation, and economic development.	The data utilized by these dashboards come from an extensive number of sources. The full list of data sources can be found on the website's " <a href="#">About the data</a> " page.	This site provides summary data, meaning that it may have been modified for use from its original form. The original data source can be viewed by selecting the "sources" tab on each dashboard.
<a href="#">Chicago Public Safety DataHub</a>	Civic Committee of the Commercial Club of Chicago and NORC at the University of Chicago	This resource gathers data on the perception and reality of violent crime and the efforts of communities, law enforcement, and civic leaders to curb it. This includes data on violence crime, the criminal justice system responses to violent crime, public sentiment data, and a map of neighborhood-level data on crime, demographics, and safety indicators.	The DataHub is a collection of public and proprietary data on public safety outcomes, drawing from City of Chicago, Cook County, and peer city data sources.	The DataHub is updated monthly.
<a href="#">Community Snapshot</a>	Chicago Metropolitan Agency for Planning (CMAP)	This dashboard visualizes demographic, housing, employment, transportation, land use, revenue, and water data in northeastern Illinois.	The data utilized by the site comes from a variety of sources. The full list of data sources can be found on the website's resource page in the " <a href="#">About the data</a> " section.	The snapshots are updated each year by the CMAP. Additionally, the CMAP provides a toolkit for sharing visualizations on social media, in newsletters, and on websites.



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<a href="#">Cook County Medical Examiner Case Archive</a>	Cook County Open Data	This dataset contains information about deaths that occurred in Cook County under the jurisdiction of the Medical Examiner. The dataset provides information about cause and manner of death, as well as demographic information.	The dataset utilizes information provided by the Medical Examiner's office.	The dataset is updated daily. Not all deaths that occur in Cook County are reported to the Medical Examiner or fall under its jurisdiction.
<a href="#">Cook County Criminal Justice Dashboard</a>	Cook County	The goal of this dashboard is to ensure that all justice system practitioners and policy makers, social service providers, advocates, and the general public have access to the most timely and accessible data about the extent and nature of crime in Cook County and how the justice system responds to and handles criminal cases.	The data utilized by this dashboard comes from the Clerk of the Circuit Court of Cook County, the Office of the Chief Judge of Cook County, the Cook County Sheriff's Office, the Cook County State's Attorney's Office, the Cook County Public Defender's Office, the Chicago Police Department, and the Illinois Department of Corrections.	The data included in this dashboard begins in 2018. The dashboard is updated quarterly.
<a href="#">CPD Arrests</a>	City of Chicago Office of Inspector General	The goal of this dashboard is to serve as a first step in identifying potential police biases or disparities. It allows individuals to analyze interactions between police and the public by enabling data sorting according to the demographics of the arrestee and arresting officer.	The data utilized by this dashboard comes from the Chicago Police Department and the Chicago Integrated Personnel and Payroll System (CHIPPS).	The dashboard is updated weekly on Sundays. The information on the dashboard only includes data from completed and approved Arrest Reports.
<a href="#">CPD Public Facing Dashboards</a>	Chicago Police Department	This collection of dashboards details information on CPD use of force incidents, related complaints filed against CPD members, the CPD sentiment survey information, hate crime incidents, and ShotSpotter alerts. The goal of these dashboards is to increase transparency and accountability throughout the Department and with the communities they serve.	The data utilized by these dashboards comes from the Chicago Police Department.	Each dashboard updates on a different cycle. Information about how frequently a dashboard is updated can be found underneath the visualization on each dashboard's page.
<a href="#">Every Homicide Victim</a>	Chicago Sun-Times	This database provides a visualization of every individual killed by another person in the city of Chicago.	The data utilized by this database is compiled from Chicago Sun-Times reporting, information from law enforcement agencies, and the Cook County medical examiner's office.	The database is updated daily. Additionally, the database can be sorted by year, cause of death, race/ethnicity, and sex.
<a href="#">Investigatory Stops</a>	City of Chicago Office of Inspector General	This dashboard provides information on pat downs conducted by CPD. It details factors that lead to pat downs, the demographic information of recipients, the percentage of subjects who consent to pat downs, and items discovered during pat downs.	The data utilized by this dashboard is from CPD, the Chicago Integrated Personnel and Payroll System, and the <a href="#">2017-2021 U.S. Census Bureau American Community Survey</a> .	This dashboard is updated weekly on Sundays.



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<a href="#">Public Complaints</a>	City of Chicago Office of Inspector General	This dashboard provides information on closed misconduct complaints and notification filed against the CPD. The information in this dashboard can help illuminate what actions were taken for a CPD member who received a complaint.	The data utilized by this dashboard comes from the CPD and the Chicago Integrated Personnel and Payroll System.	The dashboard is updated weekly on Mondays. This dashboard contains items filed against members who are currently sworn, previously sworn, and those who were not sworn at the time of the complaint.
<a href="#">Sworn Numbers</a>	City of Chicago Office of Inspector General	This dashboard provides information on the demographic and staffing information of active sworn members of the Chicago Police Department.	The data utilized by this dashboard is from CPD and the Chicago Integrated Personnel and Payroll System.	The dashboard is refreshed during the first week of each month.
<a href="#">Tactical Response Reports</a>	City of Chicago Office of Inspector General	This dashboard provides information about completed Tactical Response Reports (TRR). CPD officers are required to complete these forms when they use policy-defined force against an individual, when an individual alleges that they were injured by a CPD member, or when a CPD member is injured in an interaction with an individual. The data can be sorted by time frame, location, subject, and CPD member demographics.	The data utilized by this dashboard is from CPD and the Chicago Integrated Personnel and Payroll System. Population data incorporated into the dashboard is from the <a href="#">2017-2021 U.S. Census Bureau American Community Survey</a> .	The dashboard is updated weekly on Sundays.
<a href="#">Victims of Homicides and Non-Fatal Shootings</a>	City of Chicago	This dataset contains homicide and non-fatal shooting victimizations at the individual-level.	The data contained in this data set is from CPD.	The dataset is updated daily. It is important to note that records can change as PD learns more about the victimisation.
<a href="#">911 Data by The City of Chicago Office of Inspector General</a>	City of Chicago Office of Inspector General	This dashboard utilizes 911 call data in Chicago to help visualize the concentration and frequency of dispatched calls. This information can be used to determine the most common call types, what areas have the highest call rate, and the priority level of various incident types.	This dashboard utilizes local level 911 data provided by the Office of Emergency Management and Communications' (OEMC) Management Information System. It also utilizes population data as reported by the <a href="#">2017-2021 U.S. Census Bureau American Community Survey</a> .	The dashboard is refreshed daily between 4:00 pm and 11:59 pm CST.



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<a href="#"><u>Illinois Firearm Injury Rates</u></a>	Illinois Department of Public Health	This dashboard provides details on firearm injuries that result in emergency department visits in the state of Illinois. The goal of this dashboard is to provide information that can help to guide prevention and intervention efforts.	The data utilized in this dashboard is from the Illinois Department of Public Health's Syndromic Surveillance program.	The data utilized by the dashboard is reported on an annual basis. Displayed values on the dashboard represent the number of firearm injuries per 100,000 emergency department visits.
<a href="#"><u>Illinois Violent Deaths</u></a>	Illinois Department of Public Health	This dashboard provides information on violent deaths in Illinois and the circumstances surrounding them. The goal of this dashboard is to provide information that can help guide prevention and intervention efforts to reduce such incidents across the state.	The data utilized by this dashboard is from the Illinois Violent Death Reporting System (IVDRS) operated by Northwestern University's Feinberg School of Medicine.	The data utilized by the dashboard is reported annually. All calculated rates on the dashboard represent the number of deaths per 100,000 population.
<a href="#"><u>Officer Involved Investigations</u></a>	Illinois State Police	This dashboard provides information about Officer Involved Shootings (OIS) and Officer Involved Deaths (OID). The goal of this dashboard is to help improve the understanding of police encounters in Illinois.	The data utilized by this dashboard comes from the Illinois State Police Division of Criminal Investigations and Division of Internal Investigations.	The dashboard is updated within five days of the initial date of occurrence of the qualifying incident. Information available via the dashboard is subject to change and may be redacted to protect the investigation's integrity or involved/uninvolved individuals.
<a href="#"><u>Overdose Data</u></a>	Illinois Department of Public Health	This dashboard provides information on non-fatal and fatal overdose and includes information on a variety of substances. The goal of this dashboard is to provide information to assist the creation of intervention and prevention efforts across Illinois.	The data utilized by this dashboard is provided by IDPH's Syndromic Surveillance Program, Vital Records, Office of Disease Control, and Office of Women's Health and Family Services, and Illinois Department of Human Services, Division of Substance Use and Prevention and Recovery.	This dashboard is updated on a quarterly basis.
<a href="#"><u>Statewide Expressway Shootings</u></a>	Illinois State Police Department	This dashboard contains current and historical data on reported expressway shootings in Illinois. The goal is to increase timeliness and transparency.	The data utilized by this dashboard is reported by the Illinois State Police.	



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<a href="#">Crime Data Explorer</a>	FBI Uniform Crime Reporting Program	This dashboard provides national information on crime and law enforcement data, including hate crimes, violent crimes, arrests, use of force, and law enforcement public contact data. The goal of this dashboard is to improve transparency and create easier access to data.	This dashboard utilizes national and state data from the National Incident-Based Reporting System.	The data from this dashboard is available for download through the API and bulk downloads.
<a href="#">Gun Violence Tracking</a>	Gun Violence Archive	This online archive provides data on gun violence incidents collected from over 7,500 law enforcement, media, government, and commercial sources. The goal of this archive is to equip individuals who engage in discussions and activities related to gun violence in assuming a data informed perspective.	The data utilized by this dashboard comes from 7,500 law enforcement, media, and government sources. Further details about the specifics of its data origins can be found on the " <a href="#">General Methodology</a> " page.	Each data entry is verified by both initial researchers and goes through a secondary validation process.
<a href="#">Injury and Violence Data</a>	Centers for Disease Control and Prevention (CDC)	This dashboard provides information about deaths from drug overdose, suicide, and homicide at the local, state, and national level.	This dashboard utilizes data from the National Vital Statistics System.	This dashboard utilizes some amount of provisional data; this kind of data is not final and may be updated.
<a href="#">Live Crime Tracker</a>	National Opinion Research Center	This dashboard provides live information on crime trends with the goal of providing actionable insights. It features a daily crime map, daily crime comparison, city crime profile, trends over time, and information on the economic costs of crime.	This dashboard utilizes data from city police departments and governments that provide daily incident-level data.	
<a href="#">Opportunity Atlas</a>	United States Census Bureau	This dashboard provides anonymous longitudinal data following millions of Americans from childhood to adulthood. The goal is to provide information on children's outcome in adulthood that can inform resource access and opportunity.	This dashboard utilizes de-identified data from the 2000 and 2010 decennial Census linked to data from Federal income tax returns and the 2005-2015 American Community Surveys.	This resource is focused on children born between 1978 and 1983; it includes parental characteristics, children's neighborhoods, and other variables from approximately 94% of all children born during this time period.
<a href="#">Real-Time Crime Index</a>	AH Datalytics	This dashboard aggregates and visualizes preliminary monthly crime data in order to create a comprehensive view of crime trends across the United States. The goal of this dashboard is to aid the need for a faster understanding of national, state, and local crime trends.	The data utilized by this dashboard comes from national and state agencies in the U.S. To view the list of agencies that are included in these calculations, select the <a href="#">sample list</a> or <a href="#">map</a> tabs on the website.	This dashboard is updated monthly. Importantly, crime data is often inexact and incomplete so the purpose of the RTCI is to accurately portray trends rather than precise counts of crime.



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<a href="#"><u>U.S. National Census</u></a>	United States Census Bureau	This database contains a large number of tables, maps, and charts that help visualize national level population, demographic, health, housing, and economic data. This database can provide a sense of broad trends occurring in the country.	The data utilized by this database is collected by the federal government through direct respondents, administrative programs, and government surveys. More information about the data can be found on the website's " <a href="#"><u>How the data are collected</u></a> " page.	
<a href="#"><u>WISQARS Fatal and Nonfatal Injury Reports</u></a>	Centers for Disease Control and Prevention (CDC)	The Web-based Injury Query and Reporting System (WISQARS) is an interactive source on national level injury data. The dashboard provides information on fatal and nonfatal injury, cost of injury, and social determinants of health related to injury.	The data utilized in this dashboard comes from the National Vital Statistics System and the CDC's National Center for Health Statistics.	The dashboard utilizes some provisional data. This is data that is not yet final and may not yet be complete.