

NOVICE CONSUMERS

“Is crime in my area going **up or down?**”

–CONCERNED CONSUMER

“My eyes went **straight for the map.**”

–CRIMINAL JUSTICE ADVOCATE

“**Why are only some agencies reporting and not all of them?**”

–CONCERNED CONSUMER

“Tell me when I can’t make an **apples to apples comparison.**”

–CRIMINAL JUSTICE ADVOCATE

“I see this as the highlights – **you’re showing me the big picture.**”

–CRIMINAL JUSTICE ADVOCATE

Goals and Objectives

Understand crime trends and statistics that are relevant to me and my community. Provide me with a clear pathway to find answers to my questions while helping me understand what UCR data has to offer. Present information in a clear, open, and unbiased way.

Representative Users

- Local reporters
- Students
- Criminal Justice advocates
- Policy advocates

Needs and Expectations

- Awareness of the CDE
- Easy access to data
- Context to better understand UCR data
- View rates and trends
- Present data visuals
- Allow me to compare local and national data

Key CDE Features

- Location-based search
- High-level trends at a national and state level
- High-level crime types
- Glossary tool
- “About the data” section

EXPERT ANALYST

“The old journalism motto: **sunlight is the best disinfectant.**”

–REPORTER

“**What’s missing** from the data can be just as interesting as what’s there.”

–REPORTER

“You’re **“humanizing”** the data for me – showing me who is affected by crime and under what circumstances.”

–RESEARCHER

“The charts and graphs are nice, but **I want to get my hands dirty.**”

–DEVELOPER

Goals and Objectives

Ability to search, view, and download crime data in a usable format so I can conduct in-depth analysis, compare to state and local sources, and draw my own conclusions. Present information in a clear, open, and unbiased way.

Representative Users

- Researchers
- Data journalists
- Data scientists
- Open data advocates

Needs and Expectations

- Easy access to data downloads
- Provide data descriptions and documentation
- Ability to explore granular data
- Present data visuals, tables, and sources
- Relevant, timely data
- Access to data experts to ask questions

Key CDE Features

- Agency participation CSV
- Visualization of attributes
- Bulk NIBRS downloads
- Additional datasets
- Documentation
- About (UCR, CDE, and data)
- Feedback tool
- API

FBI STAKEHOLDERS

“Our job is to show the data we have, **not tell people what to think.**”

–STATISTICAL ASSISTANT

“We **don’t have a good way of sharing data** for our own state. We just give back what the FBI generates.”

–UCR PARTICIPANT

“I heard the CDE will allow us to **submit data** more easily and include **real-time data.**”

–UCR PARTICIPANT

“People should say: **I got what I wanted** and I got it **right away.**”

–STATISTICAL ASSISTANT

Goals and Objectives

Provide a tool for the public and government to access national crime data. Be transparent about the role of the FBI in collecting, compiling, and publishing UCR data. Communicate the flaws and limitations of the data. Reduce burden on staff to respond to basic questions about UCR data.

Representative Users

- FBI leadership
- Statistical assistants
- State UCR representatives
- Law enforcement representatives
- BJS

Needs and Expectations

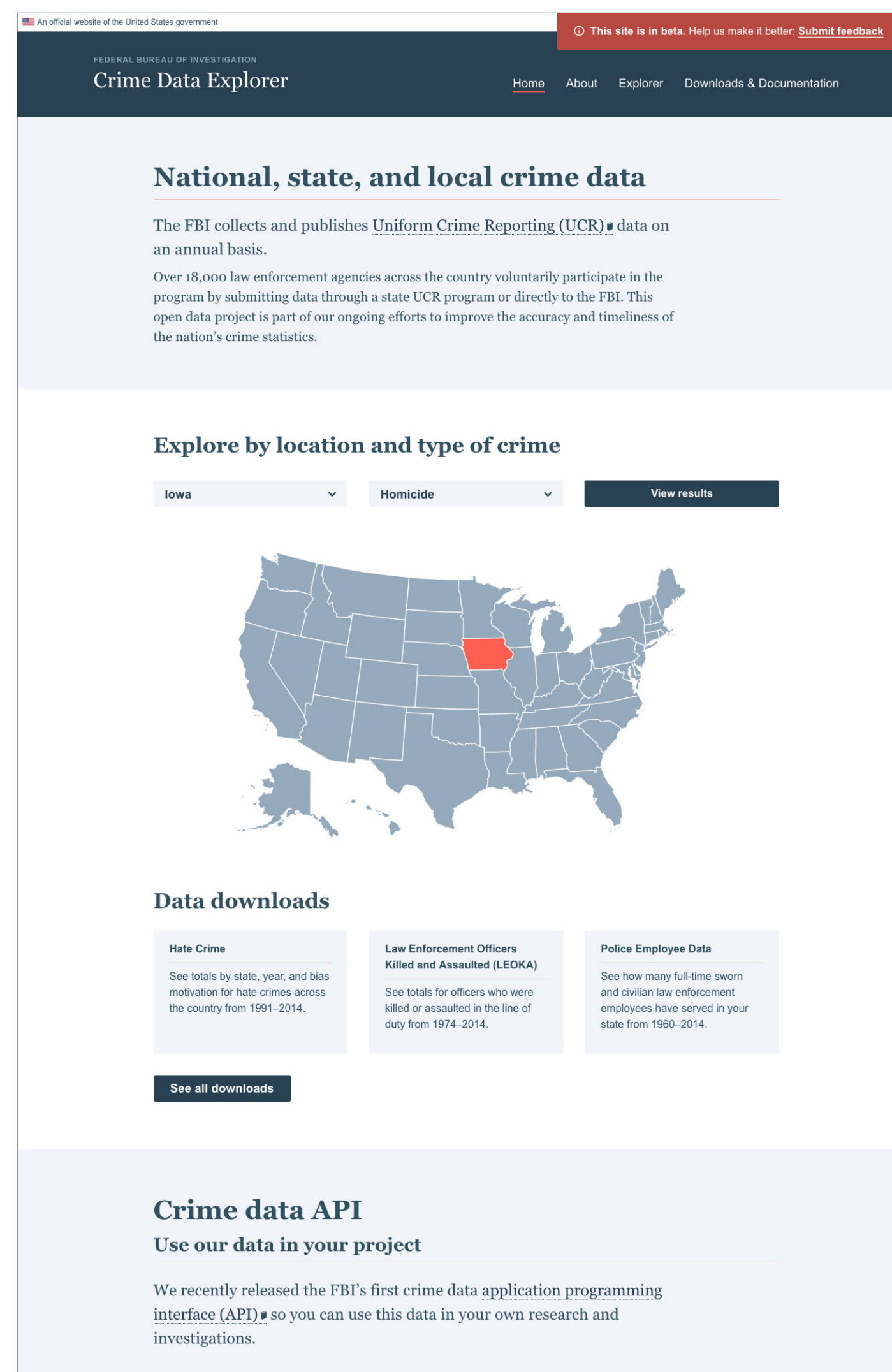
- Promote transparency
- Describe the role of the FBI
- Present the data in a fair and balanced way
- Provide context and details available
- Increase data quality and participation
- Be the primary source for national crime data
- Improve the national dialogue

Key CDE Features

- Documentation
- Feedback tool
- Cloud based data storage
- Shareable URLs
- API

Concerned citizen

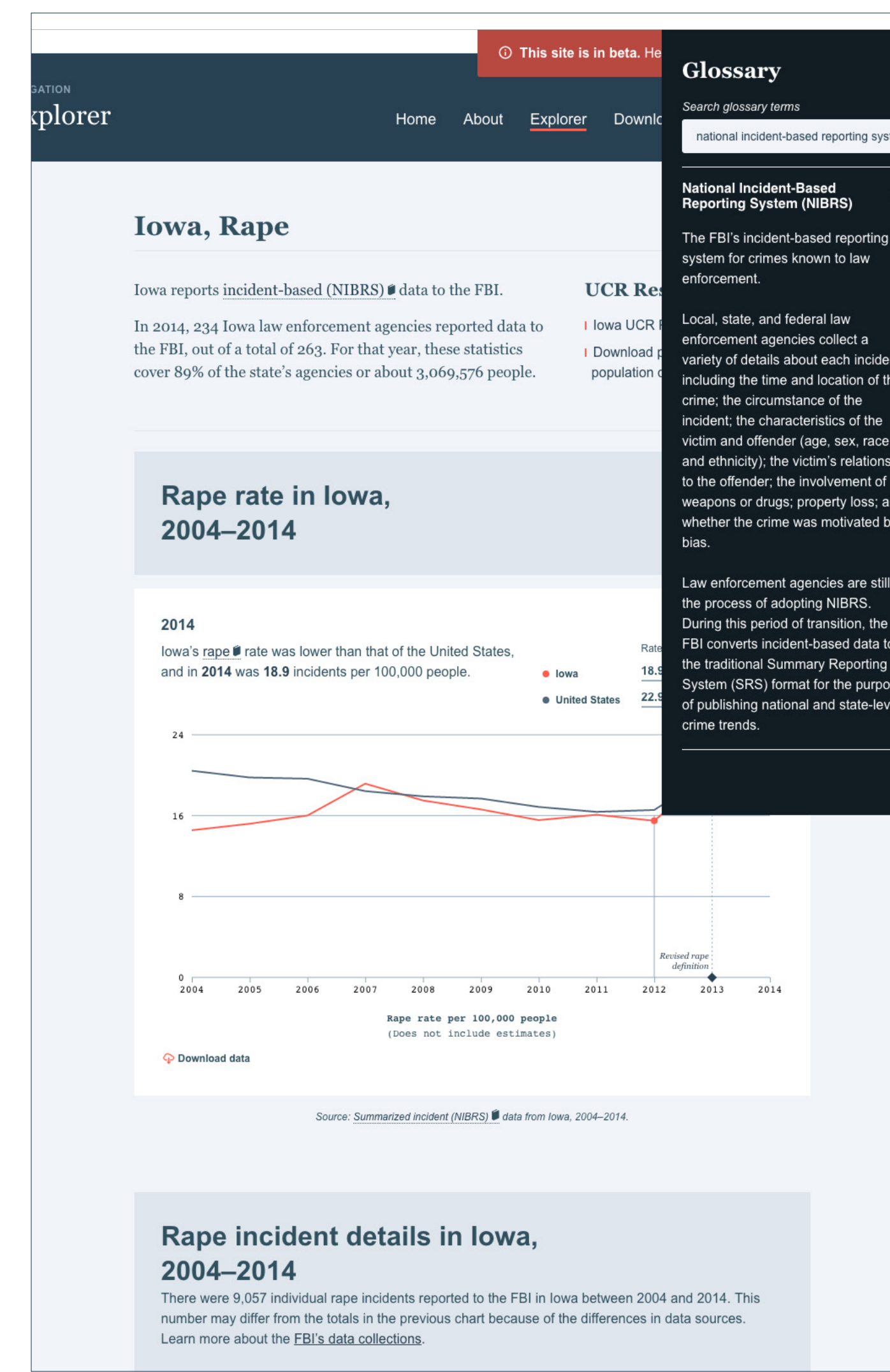
Is crime in my area going up or down?



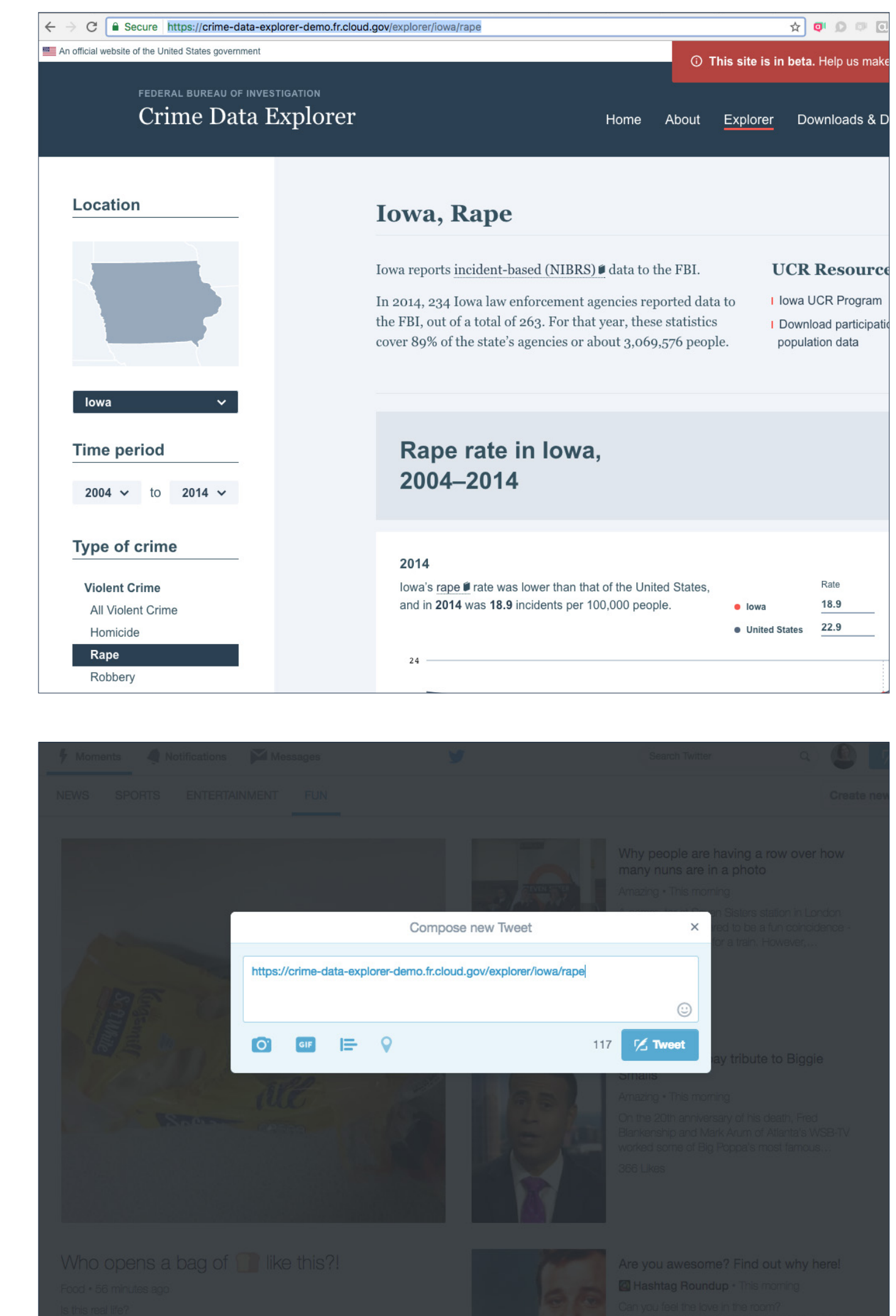
Views crime rates for home state.



Explores high-level trends and visualizations of major crimes.



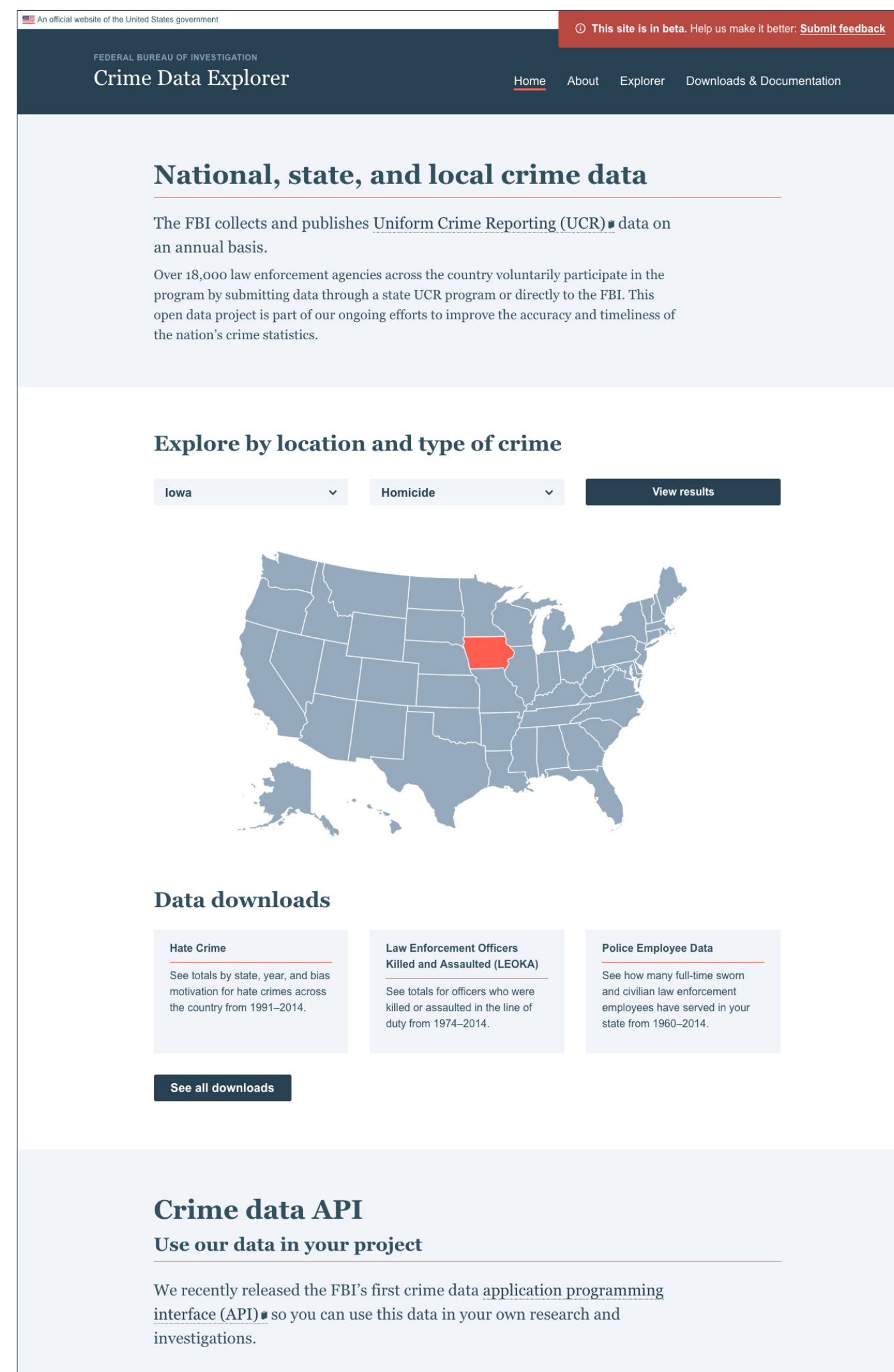
Refers to glossary to understand specifics about crime.



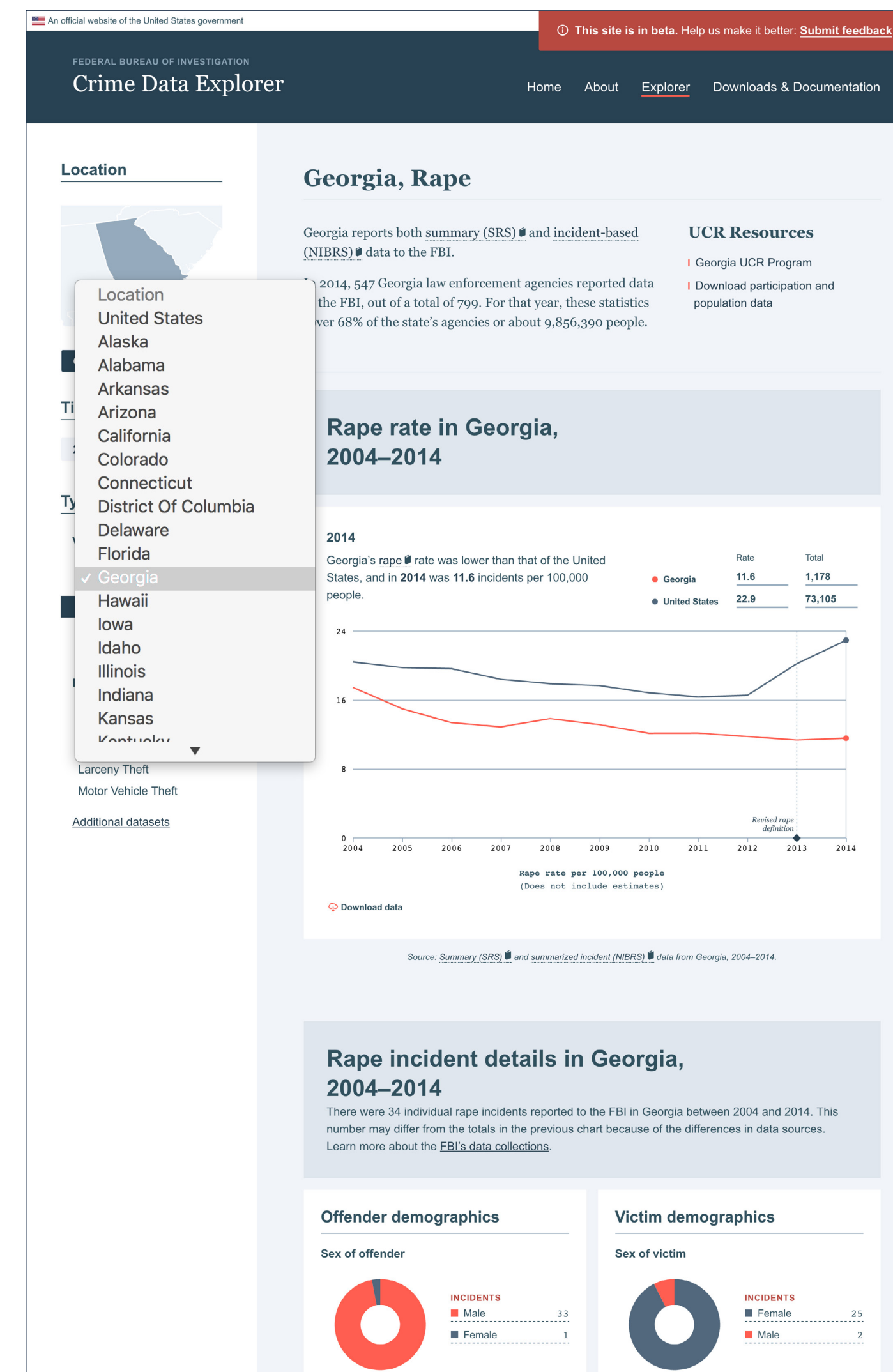
Shares results to post on social media.

Policy advocate

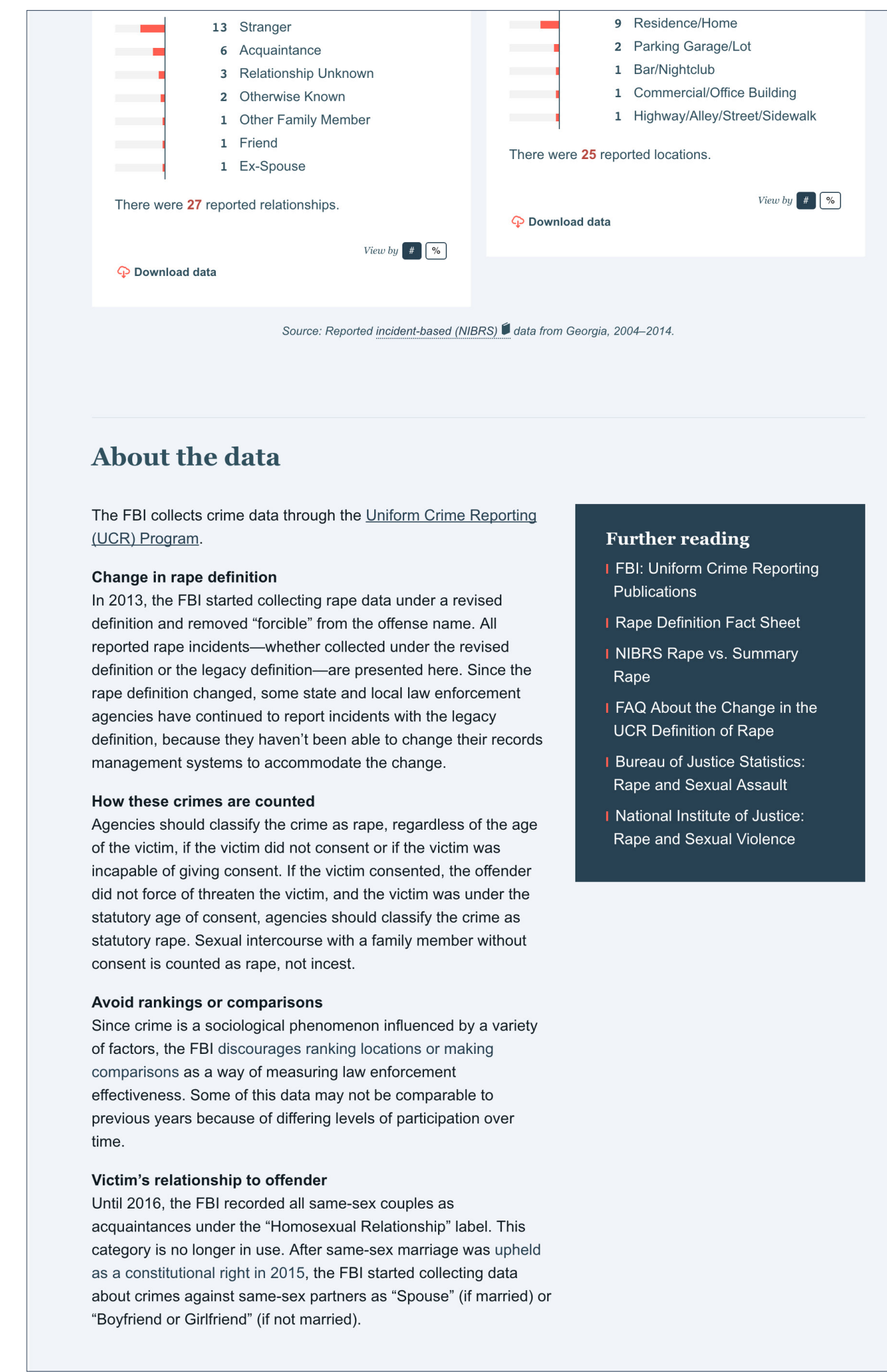
How can I use high-level trends to advance a policy position and persuade others?



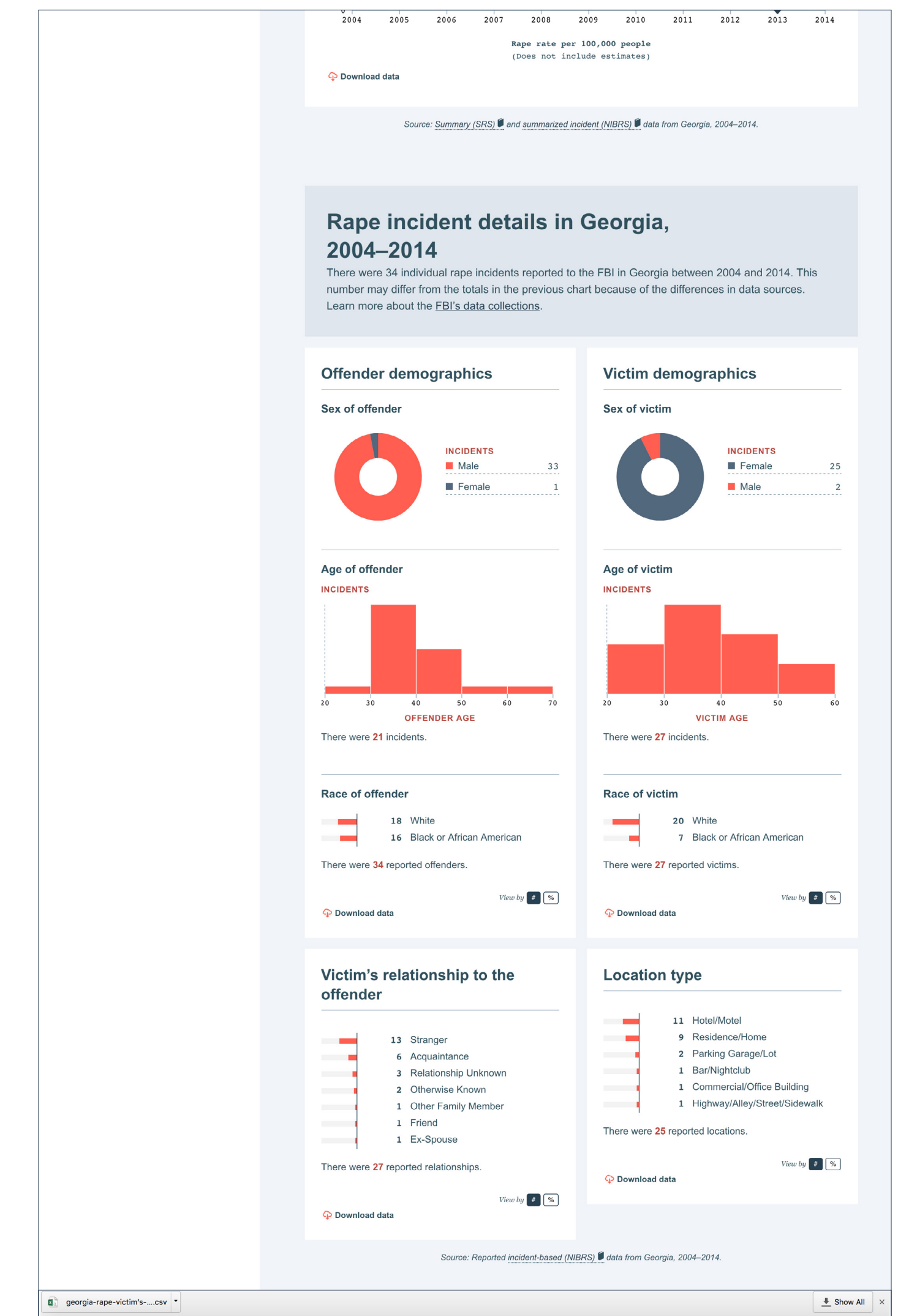
Views crime type by location.



Compares locations to better understand and interpret trends.



Learns “About the data” and how changes to definitions or methodology may affect results.



Downloads the “data behind the charts” to share with others

UCR state representative

How does my state or agency compare with others?

Downloads & Documentation

Crime data API
Use our application programming interface (API) to search and export the FBI's Uniform Crime Reporting (UCR) Program data.

Data documentation
Download the latest resources, user manuals, and technical specifications for the FBI's various crime data collections.

Download incident reports by state and year
See incident-based (NIBRS) data by offense, location, victim and offender demographics, and arrestee. For more information, please see the **README** and **NIBRS data diagram**.

Bulk downloads

DATASET	DESCRIPTION	TYPE OF DATA
Hate Crime	See totals by state, year, and bias motivation for hate crimes across the country from 1991-2014.	Summary (SRS) available Download data
Law Enforcement Officers Killed and Assaulted (LEOKA)	See totals for officers who were killed or assaulted in the line of duty from 1974-2014.	Summary (SRS) available Download data
Police Employee Data	See how many full-time sworn and civilian law enforcement employees have served in your state from 1960-2014.	Summary (SRS) available Download data
Uniform Crime Reporting Program Participation Data	See how many law enforcement agencies have reported crime data to the FBI by state and year from 1960-2014.	Summary (SRS) available Download data
Cargo Theft	See totals by state, year, property type, and property value for cargo thefts from 2013-2014.	Summary (SRS) available Download data

Selects downloads for a specific location and time frame to compare CDE data with internal figures.

About the Crime Data Explorer

The Crime Data Explorer publishes nation-wide crime data collected by the FBI in a digital format. The tool allows you to view trends and download bulk data allowing you to get a better understanding of crime across the country.

Available datasets

- Summary Statistics (SRS)
- Incident-based data
- Hate Crime

Crime data

The data available from the FBI's Uniform Crime Reporting program (UCR) is made up of reports from police agencies across the country. Police agencies submit data to the FBI in one of two formats: summary statistics (SRS) or incident-based reports (NIBRS). The Crime Data Explorer makes both types of data available and displays them separately. SRS data is available for the years 1960 to 2014. Incident-based data began being collected much more recently and is available here from 1991-2014.

UCR Resources

- UCR Home
- New UCR
- Publications and reports

Uniform Crime Reporting Participation, 2014

- 16 States: Incident data only
- 22 States: Incident and Summary data
- 11 States: Summary data only

More to come

This project is part of an ongoing effort to improve and promote transparency behind the nation's crime statistics. We're working to add more datasets to this tool, and we're continuing to develop

Learns about what data is provided and what various terms mean.

Iowa, Rape

Iowa reports incident-based (NIBRS) data to the FBI. In 2014, 234 Iowa law enforcement agencies reported data to the FBI, out of a total of 263. For that year, these statistics cover 89% of the state's agencies or about 3,069,576 people.

Rape rate in Iowa, 2004-2014

2014
Iowa's rape rate was lower than that of the United States, and in 2014 was 18.9 incidents per 100,000 people.

Year	Iowa Rate	United States Rate
2004	18.9	22.9
2005	18.9	22.9
2006	18.9	22.9
2007	18.9	22.9
2008	18.9	22.9
2009	18.9	22.9
2010	18.9	22.9
2011	18.9	22.9
2012	18.9	22.9
2013	18.9	22.9
2014	18.9	22.9

Rape incident details in Iowa, 2004-2014

There were 9,057 individual rape incidents reported to the FBI in Iowa between 2004 and 2014. This number may differ from the totals in the previous chart because of the differences in data sources. Learn more about the FBI's data collections.

Offender demographics

Sex of offender	INCIDENTS
Male	8,419
Female	262
Unknown	176

Victim demographics

Sex of victim	INCIDENTS
Female	9,316
Male	258
Unknown	1

Downloads the "data behind the charts" to share with others.

iowa-violent-crime-2004-2014

date	iowa.count	iowa.pop	iowa.rate	united-state.count	united-state.rate	united-states.rate
2004	28368	2981527	951.458766	3725139	293045739	1271.18006
2005	28415	2993509	949.220463	3787368	295753151	1280.58416
2006	29547	3009709	981.722818	3891822	298593212	1303.38596
2007	29699	3015918	984.741628	3927063	301579895	1302.1634
2008	28660	3028304	946.404324	3876843	304374846	1273.70676
2009	28092	3033600	926.028481	3806716	307006550	1239.94618
2010	27668	3072601	900.474875	3715925	310232863	1197.78574
2011	25752	3088691	833.751256	3596995	311663358	1154.1283
2012	24648	3098112	795.581309	3617683	314034107	1152.00321
2013	23748	3114347	762.535453	3449322	316225499	1090.77921
2014	22993	3131021	734.361092	3390773	318578815	1064.34353

Views downloads of agency specific details for a time range

Local reporter

What data points can I gather to support a story?

The screenshot shows the homepage of the Crime Data Explorer. At the top, it says "An official website of the United States government" and "This site is in beta. Help us make it better. Submit feedback". The main heading is "Crime Data Explorer" with navigation links for Home, About, Explorer, and Downloads & Documentation. Below this, there's a section titled "National, state, and local crime data" explaining that the FBI collects and publishes Uniform Crime Reporting (UCR) data annually. It mentions that over 18,000 law enforcement agencies across the country voluntarily participate in the program. A "Explore by location and type of crime" section features a map of the United States with a list of states on the left and a "View results" button. The states listed include California, Colorado, Connecticut, District of Columbia, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Massachusetts, Maryland, Maine, Michigan, Minnesota, Missouri, Mississippi, Montana, North Carolina, North Dakota, Nebraska, New Hampshire, New Jersey, New Mexico, and New York. There are also links for "Law Enforcement Officers Killed and Assaulted (LEOKA)" and "Police Employee Data". At the bottom, there's a "Crime data API" section with a "Submit feedback" button.

Views specific crime by location.

This screenshot shows the data visualization interface. It features a "Type of crime" dropdown menu with options like Violent Crime, Rape, Robbery, Aggravated Assault, Property Crime, Arson, Burglary, Larceny Theft, and Motor Vehicle Theft. A line graph displays the rape rate per 100,000 people from 2004 to 2014 for Iowa and the United States. The graph shows Iowa's rate was lower than the national average, with a specific callout for 2014: "Iowa's rape rate was lower than that of the United States, and in 2014 was 18.9 incidents per 100,000 people." A "Glossary" pop-up window is visible, defining "Rape (legacy definition)" as "The carnal knowledge of a female forcibly and against her will." Below the graph, there's an "About the data" section explaining that the FBI collects crime data through the UCR program and provides "Further reading" links to various reports and publications. A "Submit feedback" button is located at the bottom.

Views glossary terms, tool tips, and caveats to better interpret the data.

This screenshot shows the "Uniform Crime Reporting Participation, 2014" map. The map displays the United States with different shades of blue representing participation levels. A legend indicates: 16 States (Incident data only), 22 States (Incident and Summary data), and 11 States (Summary data only). Below the map, there's a "More to come" section stating: "This project is part of an ongoing effort to improve and promote transparency behind the nation's crime statistics. We're working to add more datasets to this tool, and we're continuing to develop new features based on your feedback." It also mentions that future versions will include more granular perspectives and customizable features. A "Submit feedback" button is at the bottom.

Views the participation map and downloads the data to better understand which agencies are reporting.

This screenshot shows the FBI's Uniform Crime Reporting website. The header includes the FBI logo and "FBI: UCR". The main heading is "Uniform Crime Reporting". Below this, there's a "Publications" section with links to "Crime in the United States", "Law Enforcement Officers Killed and Assaulted (LEOKA)", "Hate Crime Statistics", "National Incident-Based Reporting System (NIBRS)", "Cargo Theft 2014", "Cargo Theft 2013", and "Human Trafficking". There's also a "General Resources" section with links to "A Word About UCR Data", "UCR Statistics, Their Proper Use", "Data Quality Guidelines", "UCR Data Tool", "UCR Program—Summary of Authorities", "UCR Program Quarterly", "State Program Bulletins and Newsletters", "UCR Program Contacts", "State UCR Program Contacts", and "UCR Quality Assurance Review". A "Recent Program Updates" section lists "New Rape Definition", "New Rape Definition Frequently Asked Questions", and "New Rape Fact Sheet". The "Data Collections" section includes "National Incident-Based Reporting System (NIBRS)", "Summary Reporting System (SRS)", "Law Enforcement Officers Killed and Assaulted (LEOKA)", "Hate Crime Statistics", and "Cargo Theft". The "Documentation" section has links to "Technical Specifications" and "User Manuals". A "LEOKA Resources" section is also present. On the right side, there's a "Latest Releases" section with a vertical list of recent reports and their dates. A "Submit feedback" button is at the bottom.

Follows links to the UCR site to better understand the program.

Academic

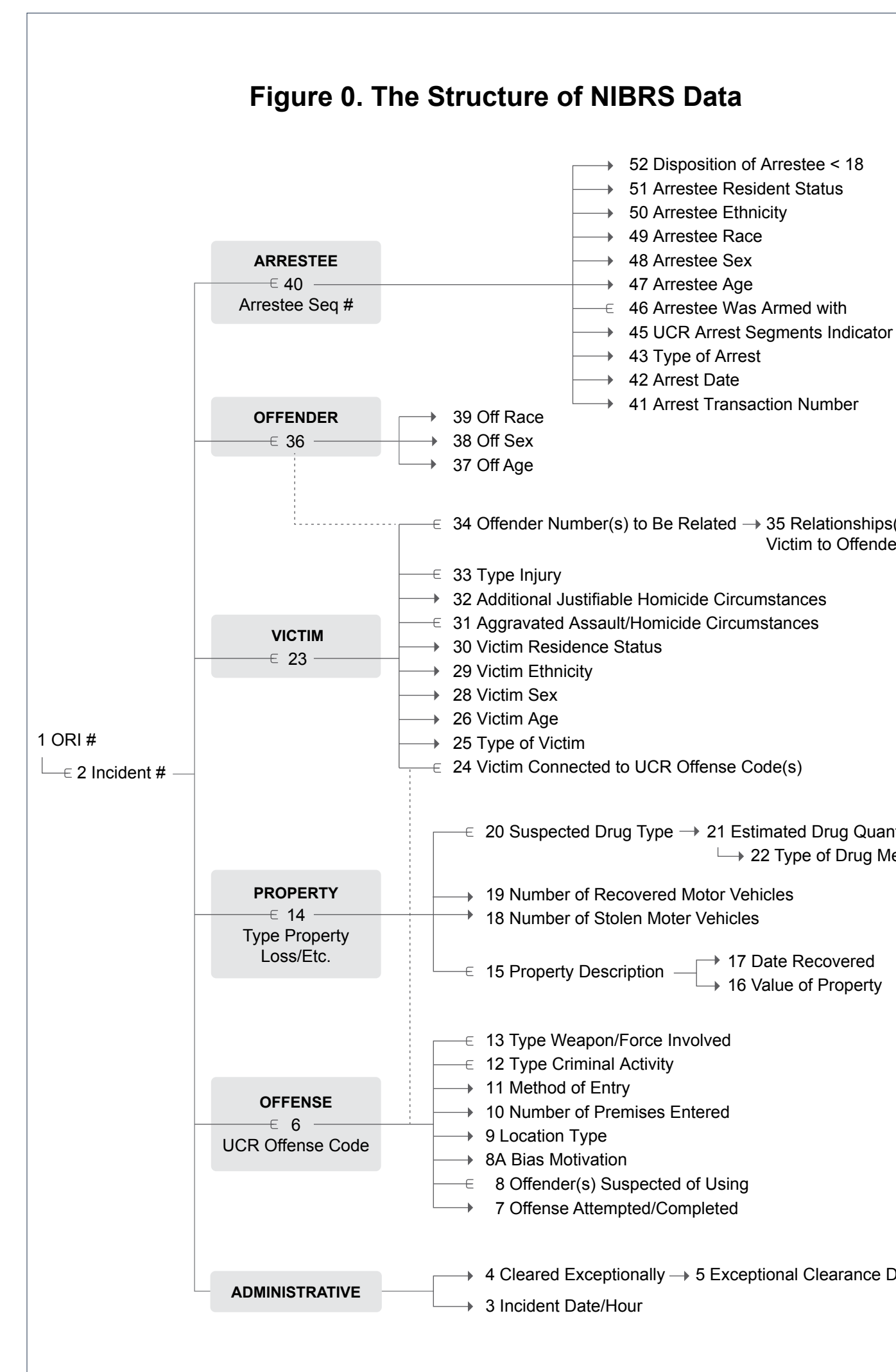
How can I combine data from the CDE with external sources to further the study of crime?

The screenshot shows the 'About the Crime Data Explorer' page. It includes a navigation bar with 'Home', 'About', 'Explorer', and 'Downloads & Documentation'. The main content area is titled 'About the Crime Data Explorer' and describes the tool's purpose. It lists 'Available datasets' such as Summary Statistics (SRS), Incident-based data, and Hate Crime. There is also a 'Crime data' section and a 'Uniform Crime Reporting Participation, 2014' map showing participation by state.

Seeks to understand what data is available on the CDE and to leverage it.

The screenshot shows the 'Download incident reports by state and year' page. It features a search form with 'Location' and 'Year' dropdown menus and a 'Download' button. Below the form is a large blue header for 'Crime Data Explorer' and a paragraph explaining that the FBI collects and publishes Uniform Crime Reporting (UCR) data annually. It also lists 'Available datasets' and provides a link to the UCR program page.

Looks for direction on how to use the CDE data and what important caveats to keep in mind.



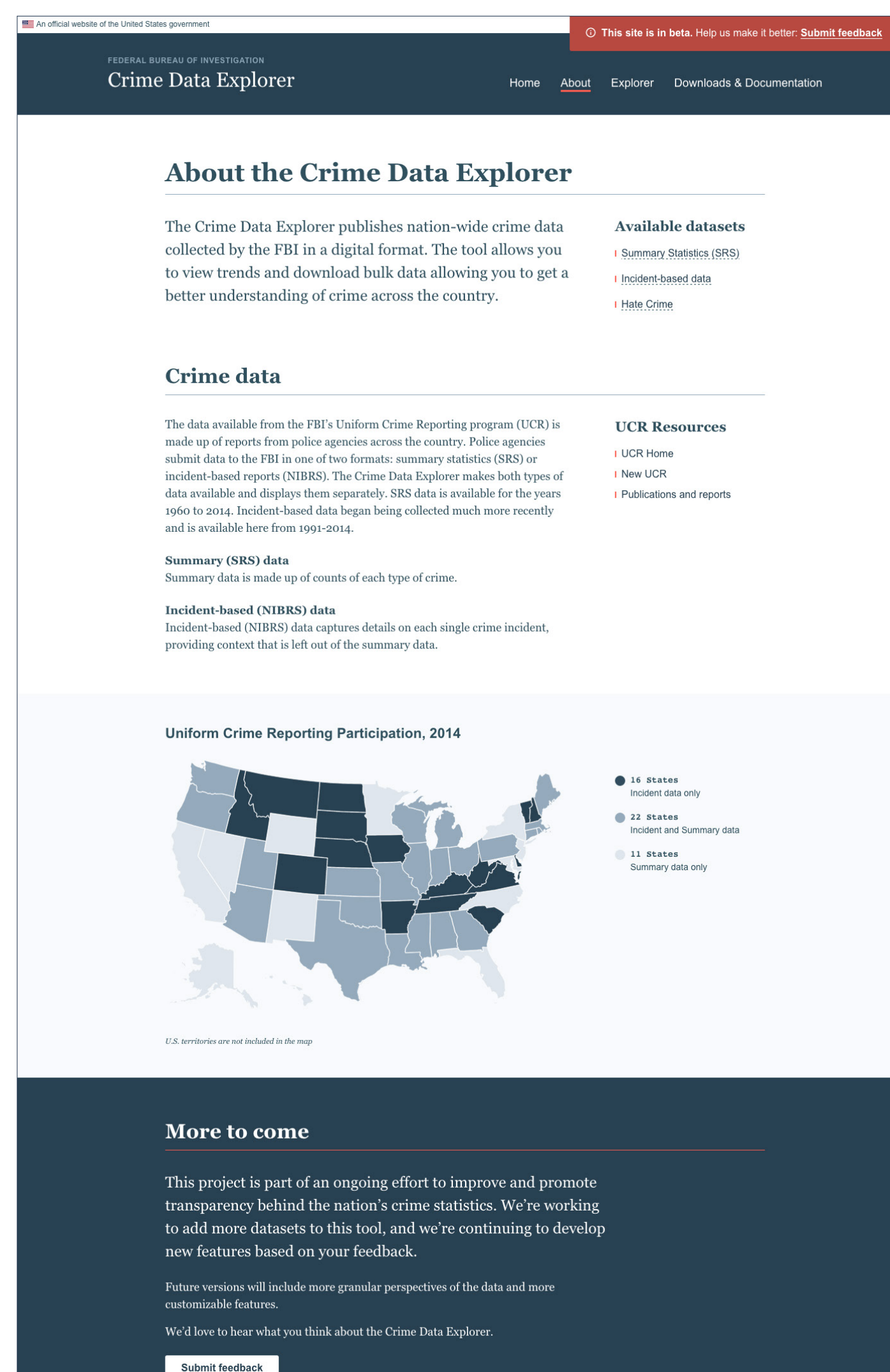
Views the NIBRS diagram and documentation to understand what data to download and how to combine datasets.

The screenshot shows the 'Downloads & Documentation' page. It features a navigation bar with 'Home', 'About', 'Explorer', and 'Downloads & Documentation'. The main content area is titled 'Downloads & Documentation' and includes sections for 'Crime data API', 'Data documentation', 'Download incident reports by state and year', 'Bulk downloads', 'Law Enforcement Officers Killed and Assaulted (LEOKA)', 'Police Employee Data', 'Uniform Crime Reporting Program Participation Data', and 'Cargo Theft'. Each section provides a brief description and a 'Download' button.

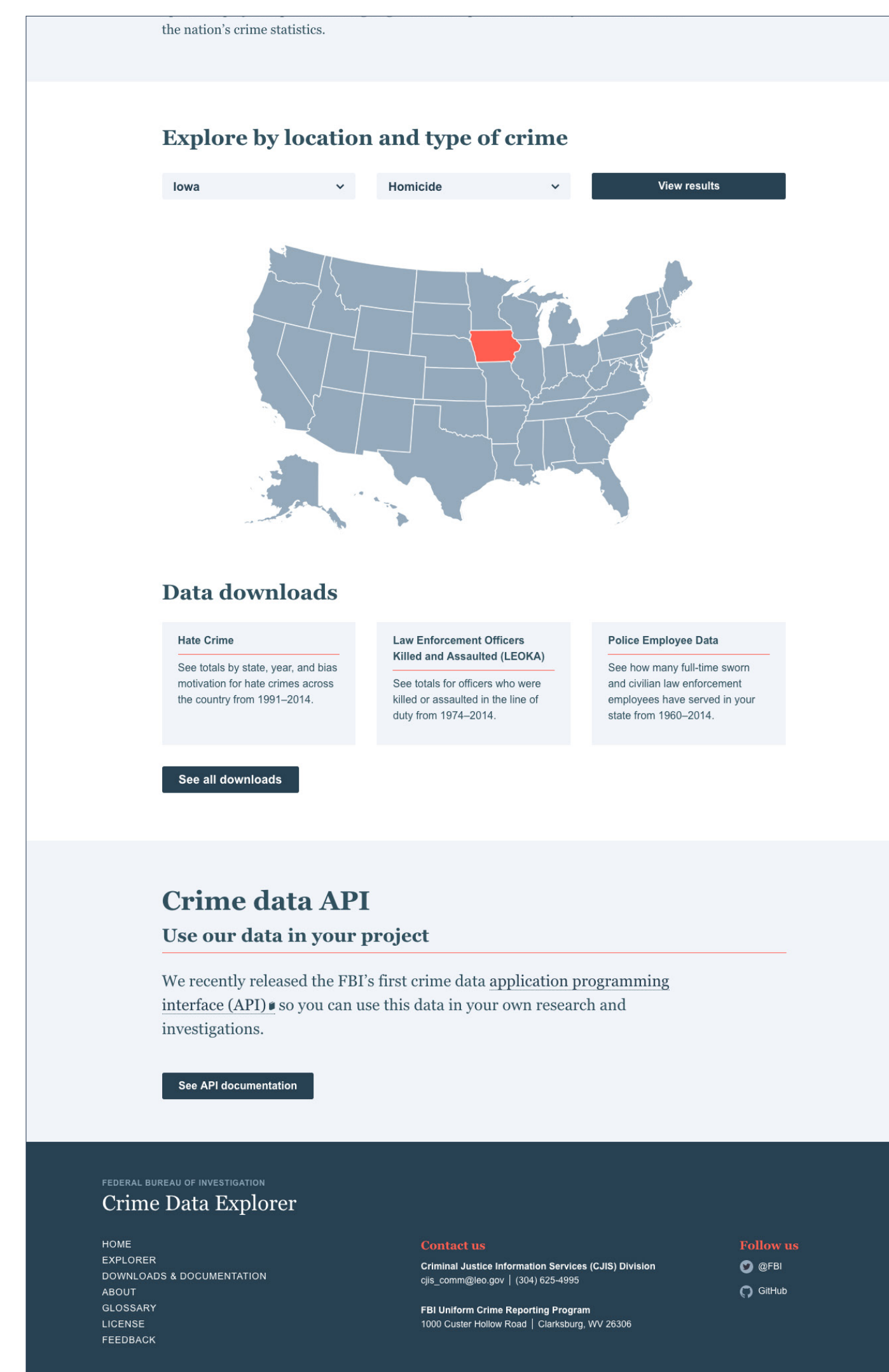
Selects datasets to download that will provide answers to her questions.

Open data expert

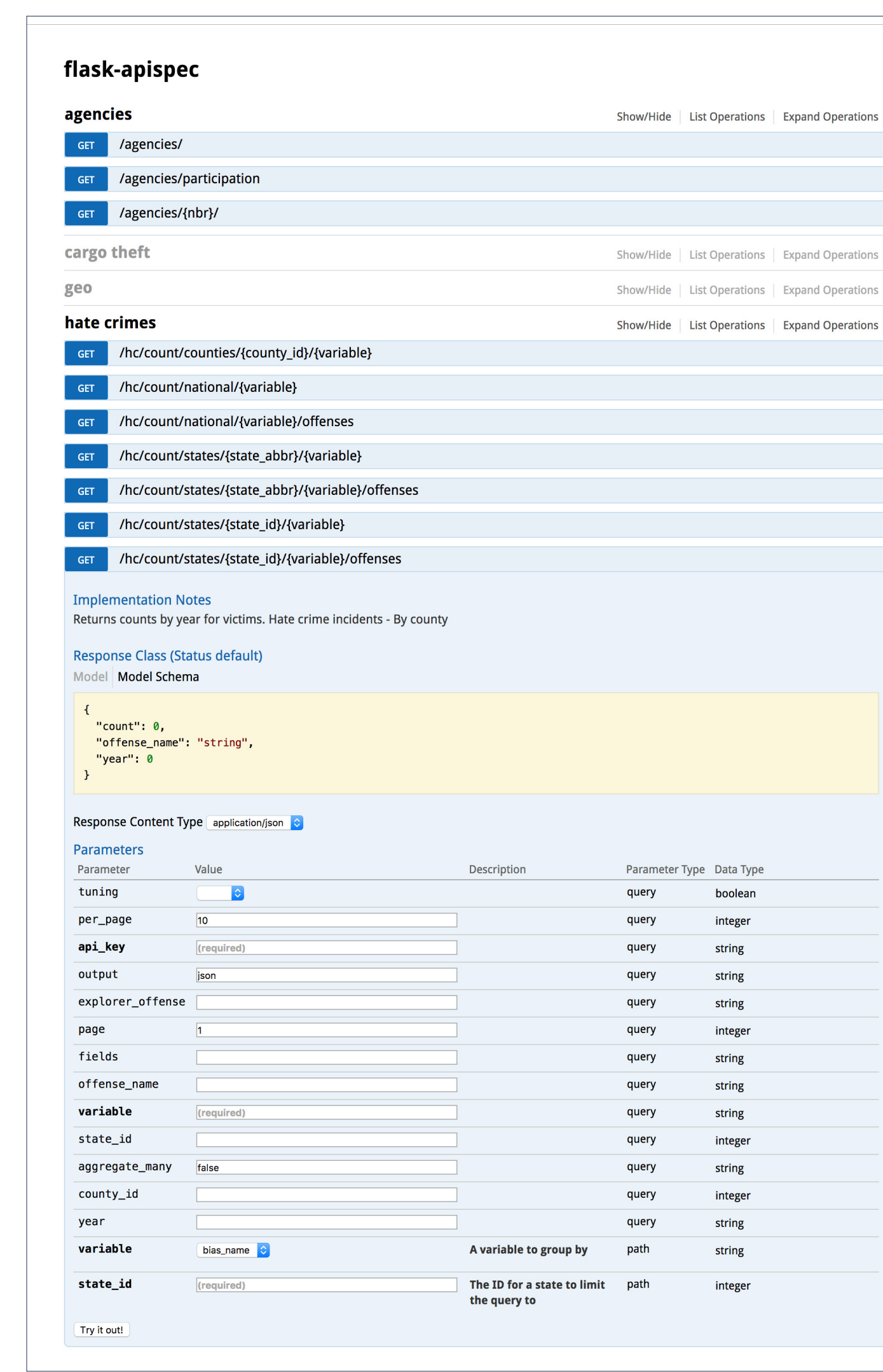
How can I leverage the CDE and its open API to build new applications and visualizations?



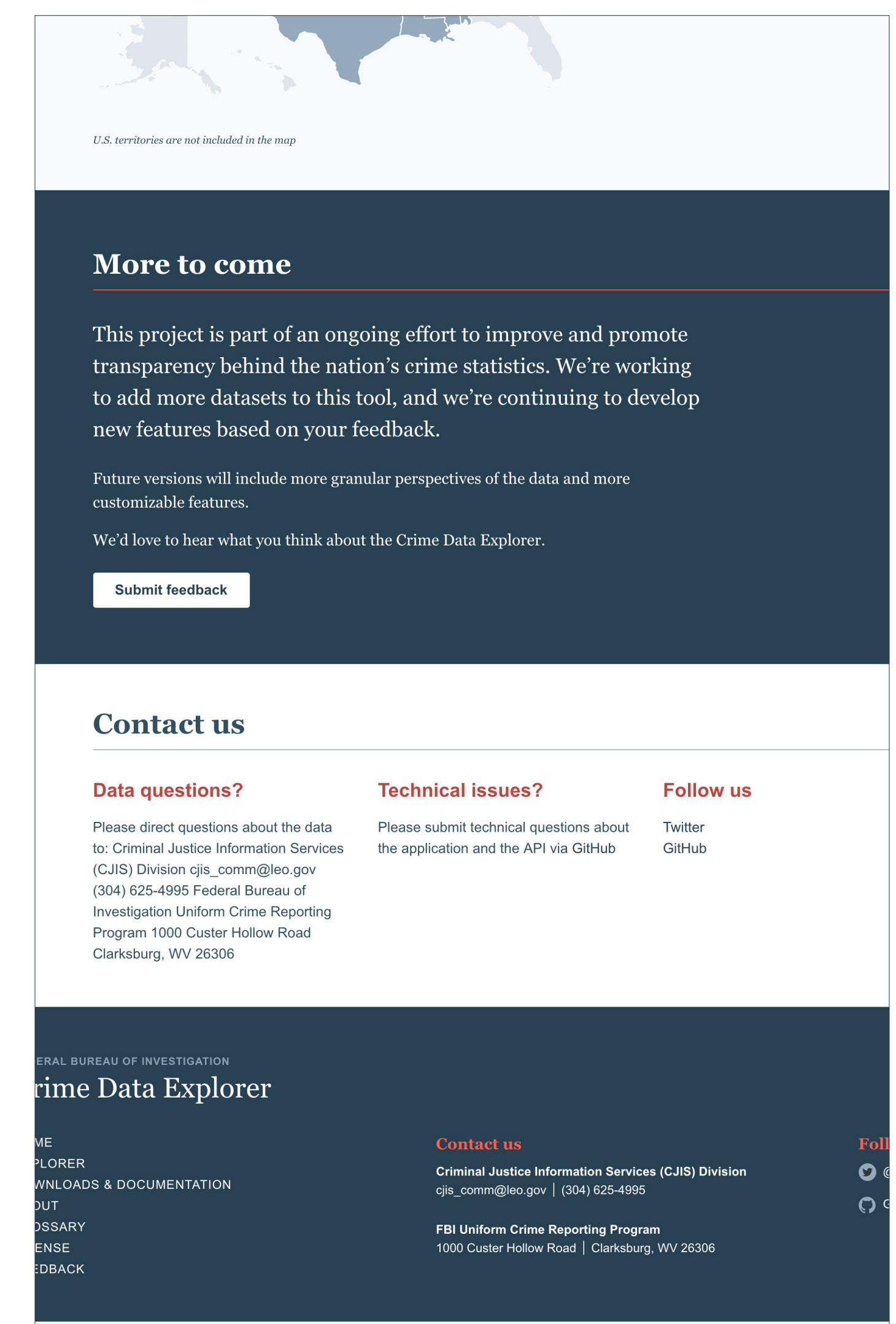
Seeks to understand what types of crime data are available on the CDE.



Discovers the CDE API and looks for documentation on how it can be used.



Reads through API documentation to understand how it works and the types of questions it supports.



Contacts CJIS with questions about why data is missing for a specified time period in the CDE.