

# FBI CDE

## Sprint 11 Recap & Sprint 12 Plan

May 11, 2017

## AGENDA

- **Sprint 11 recap**
- **Sprint 12 plan**
- **Key questions & considerations**
- **Action items**

# Sprint 11 recap

## ADVANCING THE AGENCY PERSPECTIVE

**This sprint we focused on advancing the agency view & refining our understanding of how search should work. Specifically, we built the framework for the page & started integrating live data with key components.**

**Prototype links:**

[Latest state page design](#)

[Emerging agency search design](#)

[Emerging agency page design](#)

**View our release notes here:**

[API release notes](#)

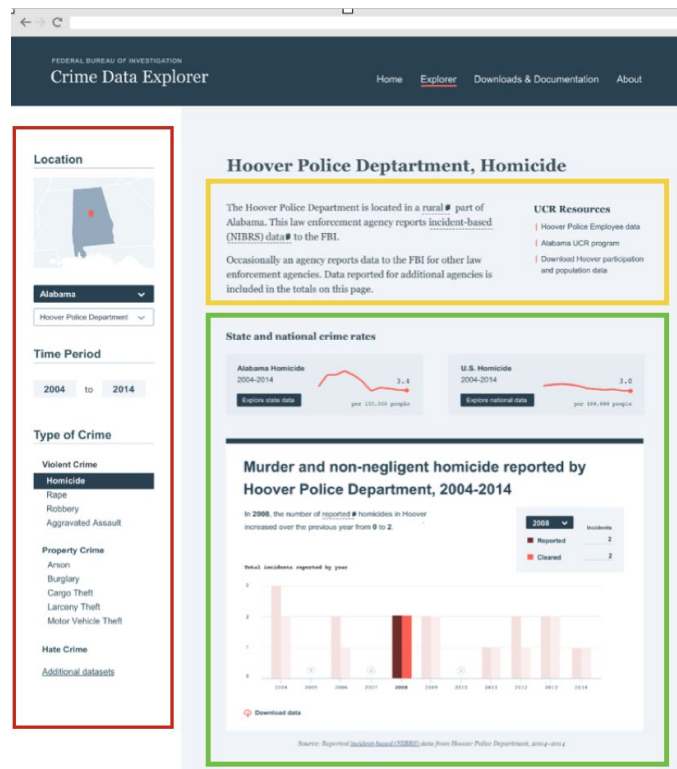
[Front end release notes \(v2.3.0\)](#)

**View our latest progress here:**

<https://crime-data-explorer-demo.fr.cloud.gov/>

## AGENCY VIEW APPROACH

We focused on establishing the items in green during sprint 11. We'll continue working on them over the course of the next sprint, but also start working on the items in red - search & incident downloads.



## Who we Spoke with...



Law enforcement

State UCR reps

Data journalist

# Key Insights

- There is a tension between presenting the data in a manner that is consistent with the FBI's traditional reporting model and making it approachable to a wide range of users.
- Consumers look to comparisons as a form of context and a way of interpreting the data - universities and other LEAs want to compare themselves with entities of similar size and location.
- There is confusion around the scope and goals of the UCR program and its transition to NIBRS among law enforcement. People assume UCR is synonymous SRS, rather than understanding that it's a program with two reporting formats.
- "Search should both inform and direct" - our interface should help people find what they're looking for, but also promote discoverability.
- Consumers expect agency data to be presented as a rate and don't understand why it's not. There are also concerns that counts could be misinterpreted as rates.
- Law enforcement are likely not primary users of the CDE due to the timeliness of the data. However, they are interested in how the CDE represents their communities.
- Participants want to know how participation and the voluntary nature of the program affects the integrity of the results.

## State page

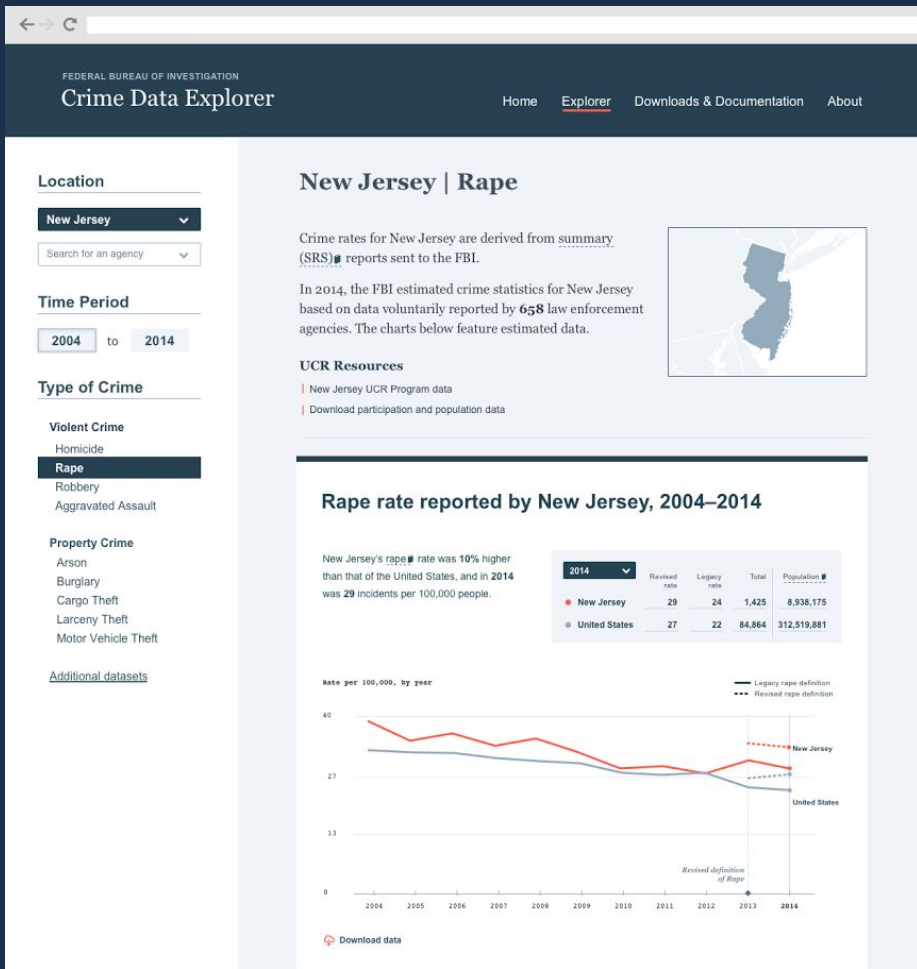
Overview copy accounts for estimated data. We need to find a way to touch on participation without over emphasizing it.

There was disagreement about whether submitting data is voluntary. Try refining language.

Rape definition should be linked to the column heads in the legend.

Consumers we happy to see 4 trend lines representing legacy and revised rape rates.

LE assumed that multiple geographic location would be available in the CDE.



Map moved to the right side of page partly to avoid it being seen as navigation.

Participants felt like population was an important indicator for interpreting trends and didn't realize how estimation changes this.

There is confusion between UCR, SRS, and NIBRS. Where is the best place to message this?



## Navigation to an agency

**Location**

New Jersey ▼

Search for an agency ▼

**Time Period**

2004 to 2014

**Type of Crime**

**Violent Crime**

Homicide

**Rape**

Robbery

Aggravated Assault

**Property Crime**

Arson

Burglary

Cargo Theft

Larceny Theft

Motor Vehicle Theft

[Additional datasets](#)

Overall positive feedback for search. Navigation should both inform and direct.

**Location**

Alabama ▼

Hope ▼

**Results**

MERCER COUNTY

Hopewell Borough

Hopewell Township Police Dept.

SUSSEX COUNTY

Byram Township Police Dept.

Stanhope Borough Police Dept.

☐ Rural ☐ Suburban ☐ Urban

**Refine Search**

Property Crime

Arson

Burglary

Cargo Theft

Larceny Theft

Motor Vehicle Theft

Hate Crime

[Additional datasets](#)

Text too small. Can't use rural, suburban, and urban.

**Location**

Alabama ▼

Hopewell Township Pol... ▼

**Time Period**

2004 to 2014

**Type of Crime**

**Violent Crime**

Homicide

**Rape**

Robbery

Aggravated Assault

**Property Crime**

Arson

Burglary

Cargo Theft

Larceny Theft

Motor Vehicle Theft

**Hate Crime**

[Additional datasets](#)

Consumers want to compare for context. Guide them to like agencies.

**Location**

Alabama ▼

Search for an agency ▼

**Keyword**

Type a county, city, agency name, or ORI

**Location type**

☐ Rural

☐ Suburban

☐ Urban

**Agency type**

☐ City

☐ County

☐ Federal

☐ State Police

☒ University or college

☐ Other

**View Results**

Larceny Theft

Motor Vehicle Theft

Hate Crime

[Additional datasets](#)

Explore population size as another way to inform search? Add tribal as option.

**Location**

Alabama ▼

**Results**

ATLANTIC

Stockton University

CAMDEN

Rutgers University: Camden

University of Medicine and Dentistry: Camden

ESSEX

Essex County College

Montclair State University

New Jersey Institute of Technology

Rutgers University: Newark

GLOUCESTER

Rowan University

HUDSON

Stevens Institute of Technology

☐ Rural ☐ Suburban ☐ Urban

**Refine Search**

Motor Vehicle Theft

Hate Crime

[Additional datasets](#)

Display results by county alphabetically.

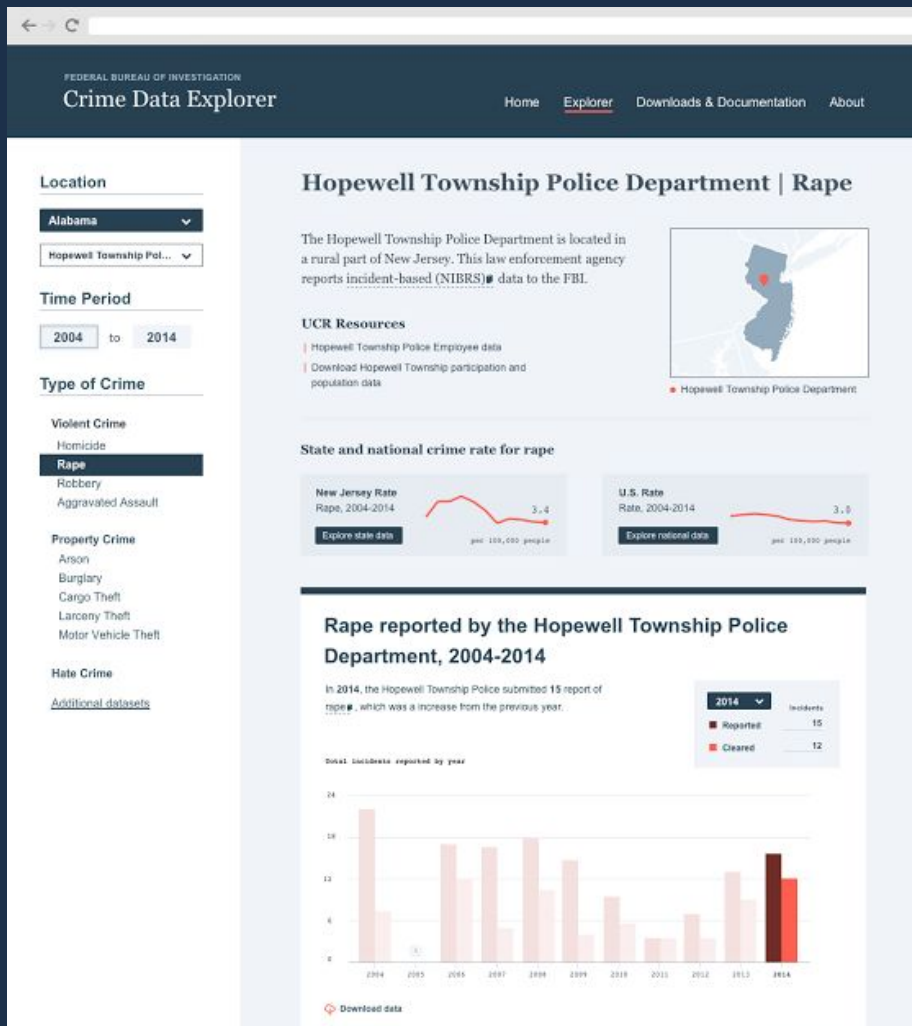
## Agency page

If an agency isn't listed in navigation, it is assumed they do not participate.

Are state and national trend helpful or confusing?

Add content about why these numbers can't be compared.

Should we link to the agency if available?



Pin drops on map should be labeled or participants wondered why they were there.

Participants are interested in knowing more about covered by and expect to be told when an agency's data contains another's.

Consumers were happy to see decimal points in rates.

When population is available, should we show trends at an agency level?

When an agency switches to the revised definition of rape it should be noted in the overview text for the year.



## Agency page

Nibrs agencies will include tables of offender and victim demographics plus relationship to victim and offense location.

Find a better location for the download all nibrs details button and better description for what you get when you download.

Change the title of About the data to be more dynamic - some consumers referred to it as boilerplate.

## Rape incidents details reported by Hopewell Township Police Department

There were 19 incidents of rape reported to the FBI by the Hopewell Township Police Department between 2004 and 2014. Learn more about the [FBI's data collection](#).

### OFFENDER DEMOGRAPHICS

Sex	
Male	17
Female	2
Unknown	0
Total Offenders	19

Age	
0-9	0
10-19	9
20-29	10
30-39	2
40-49	0
50-59	0
60-69	1
70-79	0
80-89	0
90-99	0
Total Offenders	22

Race	
American Indian or Alaska Native	-
Asian	-
Black or African American	10
Native Hawaiian or Pacific Islander	1
Unknown	1
White	10
Total Offenders	22

Ethnicity	
Hispanic or Latino	6
Not Hispanic or Latino	1
Unknown	1
Total Offenders	8

Download data

### VICTIM DEMOGRAPHICS

Sex	
Male	0
Female	19
Unknown	0
Total Victims	19

Age	
0-9	0
10-19	5
20-29	12
30-39	2
40-49	0
50-59	0
60-69	0
70-79	0
80-89	0
90-99	0
Total Victims	19

Race	
American Indian or Alaska Native	-
Asian	1
Black or African American	4
Native Hawaiian or Pacific Islander	4
Unknown	-
White	11
Total Offenders	19

Ethnicity	
Hispanic or Latino	-
Not Hispanic or Latino	-
Unknown	-
Total Offenders	-

Download data

### VICTIM RELATIONSHIP TO OFFENDER

Acquaintance	4
Stranger	4
Boyfriend/Girlfriend	6
Friend	0
Stepchild	0
Otherwise Known	0
Neighbor	1
Relationship Unknown	1
Boys/Girls	0
In-law	0

### OFFENSE LOCATION

Residence/Home	12
Unknown	2
Highway/Alley/Street/Sidewalk	1
School/College	2
Commercial/Office Building	1
Hotel/Motel	1
Construction Site	0
Field/Woods	1
Total Locations Reported	1

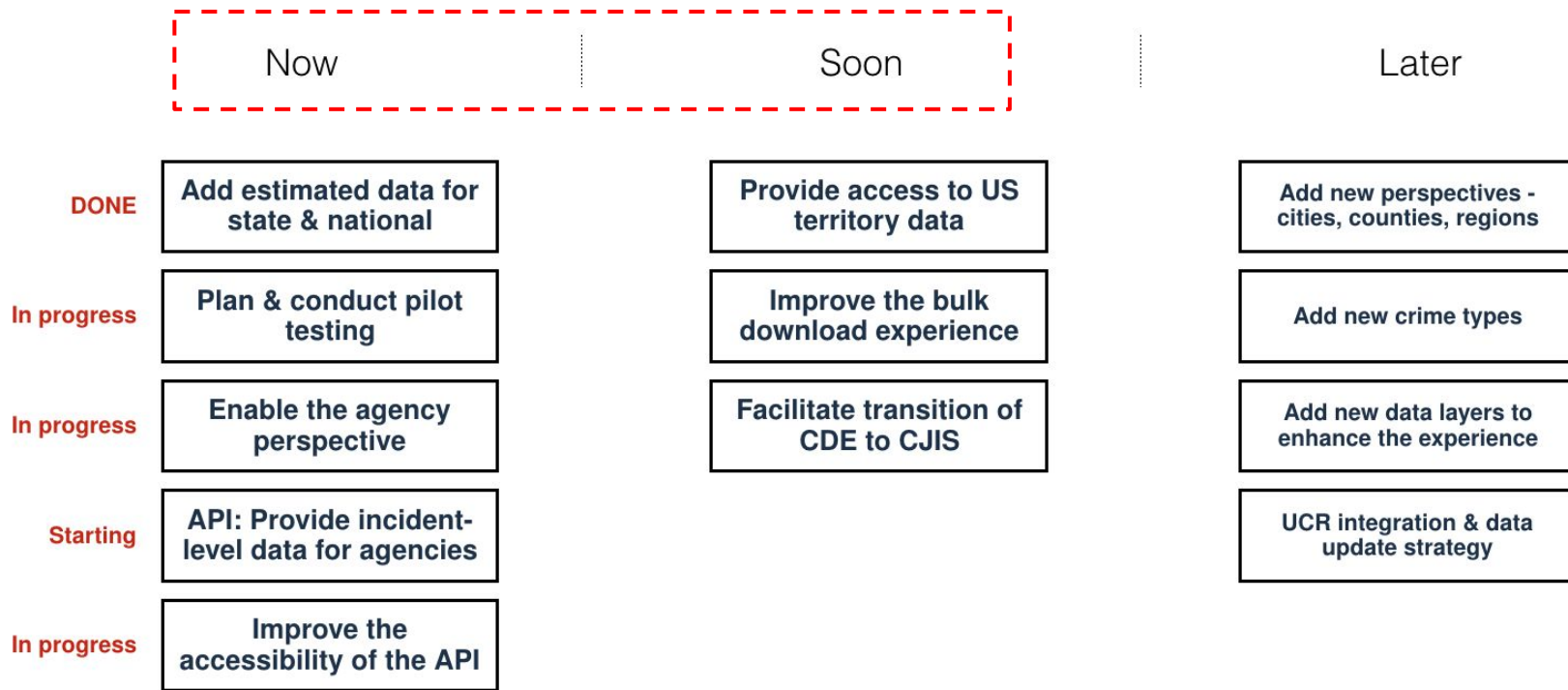


The database doesn't account for 0 vs. null. If an agency doesn't report, for example ethnicity, it is not returned. How should we handle cases like this in the CDE?

# Sprint 12 plan

## CDE PRODUCT ROADMAP

*Our focus for launch*



## GOALS FOR SPRINT 12

- **Continue evolving the agency view - begin implementing the search interface and make design/content changes based on this week's testing.**
- **Begin expanding the API to allow for the downloading of incident-level data for a given agency and year.**
- **Define opportunities for improving the download experience.**
- **Respond to initial feedback and continue pilot testing.**

# Key questions

## CONSIDERATIONS

- **How should we represent the difference between “0” and “no data reported” in the interface?**
- **Should we consider using rates for agencies that have population data and showing counts for the rest?**
- **Is it more appropriate to classify agencies by population group/tier, rather than urban/rural? And is either necessary?**



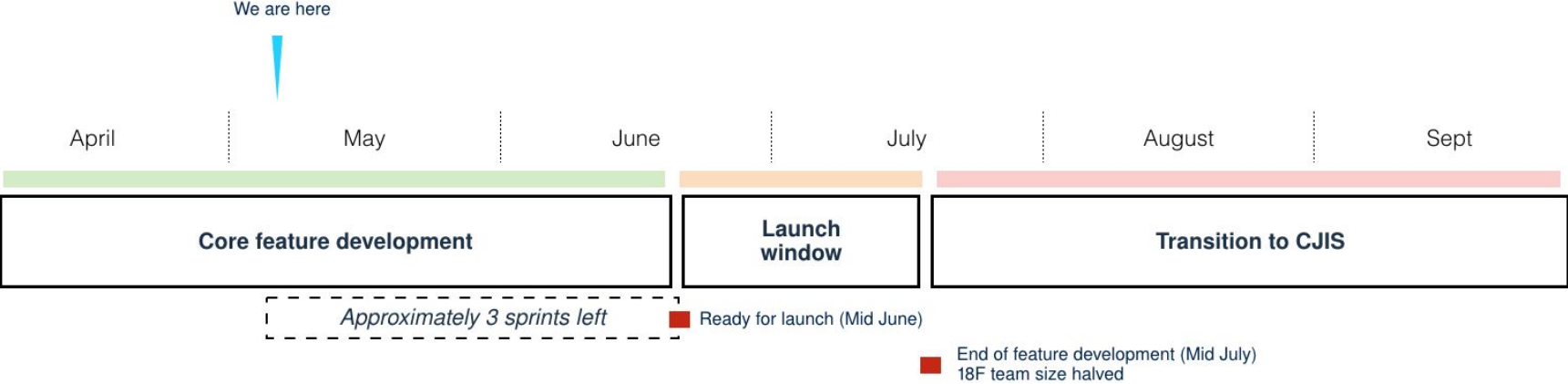
# Open issues

## ACTION ITEMS

- Larry to coordinate with Sammy & Lori to review feedback from the first round of pilot testing and discuss next steps.
- Roberta to provide an update on the status of the next agreement, as current funding is projected to expire by May 20, 2017. If there is a gap in funding, 18F staff may be reassigned to other projects
- Mike to provide an update on the ATO process & its likely impact on the launch window for the CDE.
- Mike to help schedule stakeholder interviews with Mr. Nicholas, Ms. Blasher, and Jonathan Cox to discuss success criteria and other considerations for launch.
- Cynthia & team to continue meeting with 18F on a weekly basis to provide technical guidance.

# Appendix

# LOOKING AHEAD



# Who are we solving for?

Designing for a spectrum of needs

