





Federal Bureau of Investigation
Science and Technology Branch
Criminal Justice Information Services Division

# The National Data Exchange (N-DEx) - Overview



### N-DEx

- National investigative information-sharing system.
- Provides agencies with a mechanism for sharing, searching, linking, and analyzing information across jurisdictional boundaries.
- Shares relevant information in a timely and secure manner.



### N-DEx Benefits

- Reduce resources expenditures
- Improve quality of investigative information
- Speed up access to investigative information
- Increase communication with other agencies
- Enhance public safety





### N-DEx Data Sharing

- Created with the security and privacy of information in mind.
- Agencies to determine what data they will share, with whom, and at what level.
- Data sharing rules may be applied as broad as an agency level or as specific as an individual record.
- Agencies control access through a simple color-coded system.



### Data Sharing

Green Viewable

**Yellow** Point of Contact

Red Not Viewable





### Prior to Using N-DEx Data

### Before using N-DEx data:

Advanced Permission Requirement:

Permission to use data must be obtained from the record-owning agency

Verification Requirement: Information must be verified for completeness, timeliness, accuracy, and relevancy with the record-owning agency



## FBI Criminal Justice Information Services (CJIS) Division





### Endorsements















THIS INFORMATION SYSTEM IS ACCREDITED TO PROCESS

### UNCLASSIFIED

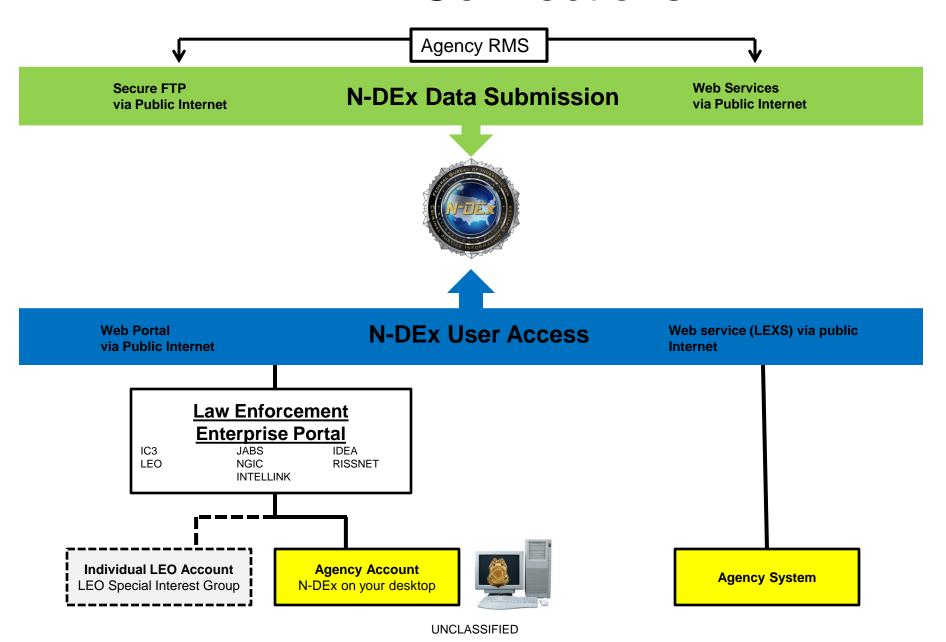
FOR AUTHORIZED PURPOSES ONLY



### N-DEx Access

- Internet-based
  - Utilizing Law Enforcement Enterprise Portal (LEEP) to access N-DEx Portal
  - Users can access N-DEx data within their local system via web services
- User access is not based on agency data contribution

### **N-DEx Connections**

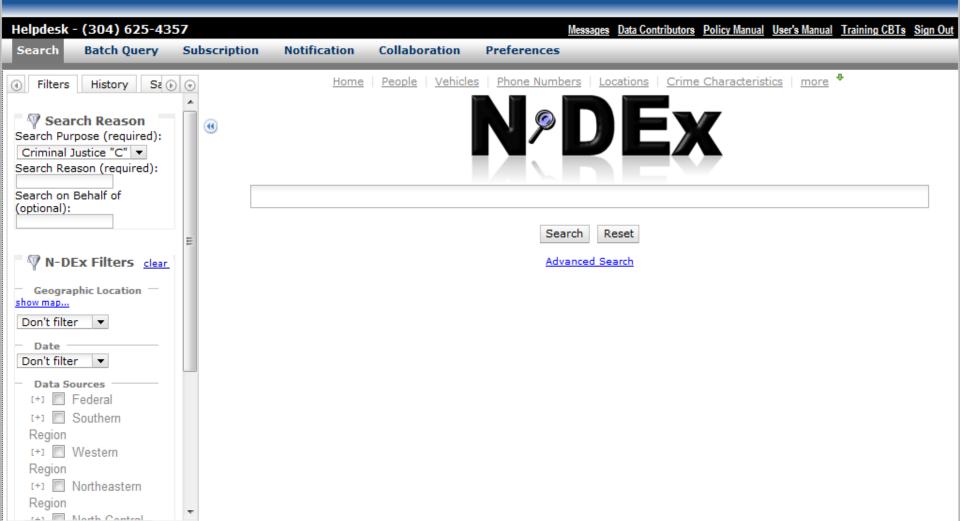




### N-DEx Home Page

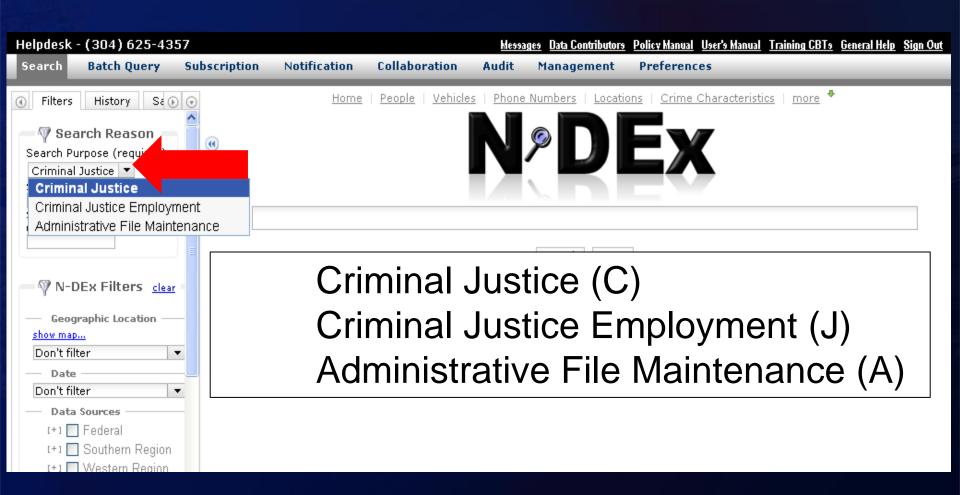
**N-DEx System Messages** 

Check here for important messages about scheduled system outage announcements, instructional opportunities, and other important information from the N-DEx Program Office.





### **Authorized Use Codes**





### N-DEx Policy Manual



### N-DEx Policy and Operating Manual



### Dynamic Messaging

N-DEx System Messages



N-DEx is pleased to welcome the Indiana State Police as the newest data contributor

Helpdesk - (304) 625-4357

Messages Data Contributors Policy Manual User's Manual Training CBTs General Help Sign Out
Search Batch Query Subscription Notification Collaboration Audit Management Preferences

Check here for important messages about scheduled system outage announcements, instructional opportunities, and other important information from the N-DEx Program Office.



### Data Contributors Link



What agencies are giving data?



### Data Contributors Link



#### N-DEx Data Contributors Report

As stated in the N-DEx Policy and Operating Manual, each record-owning agency controls how and with whom their data is shared, thus retaining responsibility, control, and ownership. This may impact the number of records individual users, or agencies, have the ability to view in N-DEx.

#### Data Contributed listed by State

State	Records Contributed	State	Records Contributed	State	Records Contributed
Alabama	1,420,223	Maine	12,497	Oregon	1,012,497
Alaska		Maryland	226,110	Pennsylvania	513,349
Arizona	126,165	Massachusetts		Rhode Island	
Arkansas	24,153,042	Michigan	2,393,851	South Carolina	
California	20,393,280	Minnesota	18	South Dakota	133,794
Colorado	184,338	Mississippi	44,830	Tennessee	10,971,501
Connecticut		Missouri	141,658	Texas	68,793,268
DC	962,356	Montana		Utah	16,654
Delaware	1,085,708	Nebraska	173,877	Vermont	
Florida		Nevada	276	Virginia	10,342,356
Georgia	1,020,907	New Hampshire		Washington	8,520,754
Hawaii		New Jersey		West Virginia	34,578
Idaho	578,174	New Mexico	35,076	Wisconsin	154,401
Illinois	4,515,553	New York	1,189,118	Wyoming	
Indiana	108,715	North Carolina			
Iowa		North Dakota		**Federal	23,005,381
Kansas	2,108,188	Ohio	5,564,883		
Kentucky	1,637,232	Oklahoma			
Louisiana					

#### Data Contributed listed by Agency

Agency	ORI	Records Contributed	Activity Type				
Alabama							
Huntsville PD	AL0470100	68483	Arrest				
			Booking				
			Holding				
			Incarceration				
Decatur PD	AL0520100	39526	Arrest				
			Booking				
			Holding				
			Incarceration				
Dothan PD	AL0380100	37328	Arrest				
			Booking				
			Holding				
			Incarceration				
Auburn PD	AL0430100	34546	Arrest				
			Booking				
			Holding				
			Incarceration				
Bessemer PD	AL0010100	29519	Booking				
Mobile PD	AL0020100	28780	Holding				
Mobile CO SO	AL0020000	28226	Arrest				
Mobile			Booking				
			Holding				
			Incarceration				
Anniston PD	AL0110100	25883	Arrest				
			Booking				
			Holding				
			Incarceration				
Gadsden PD	AL0310200	21955	Arrest				
			Booking				
			Holding				
			Incarceration				
Montgomery PD	AL0030100	19851	Arrest				
			Booking				
			Holding				
			Incarceration				
Alexander City	AL0620100	19376	Arrest				
PD			Booking				
			Holding				
			Incarceration				

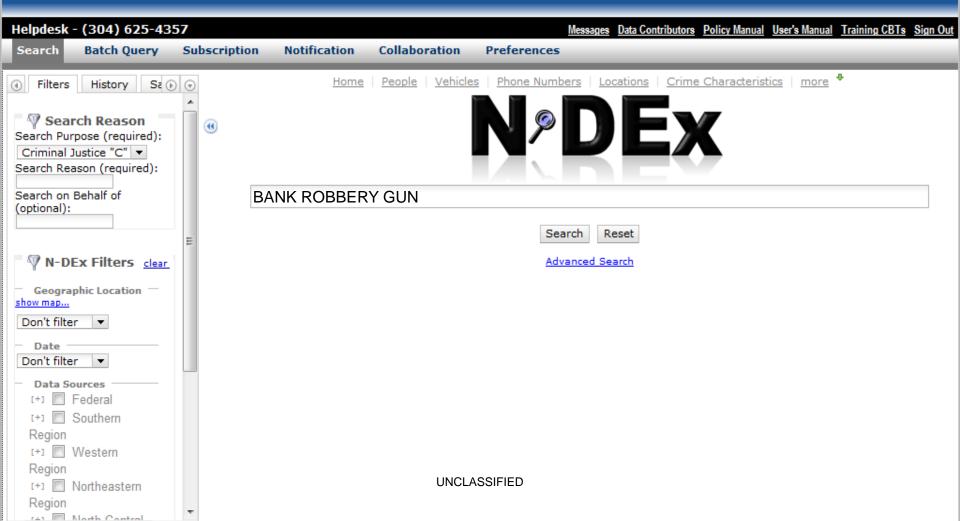
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### The N-DEx Simple Search

**N-DEx System Messages** 

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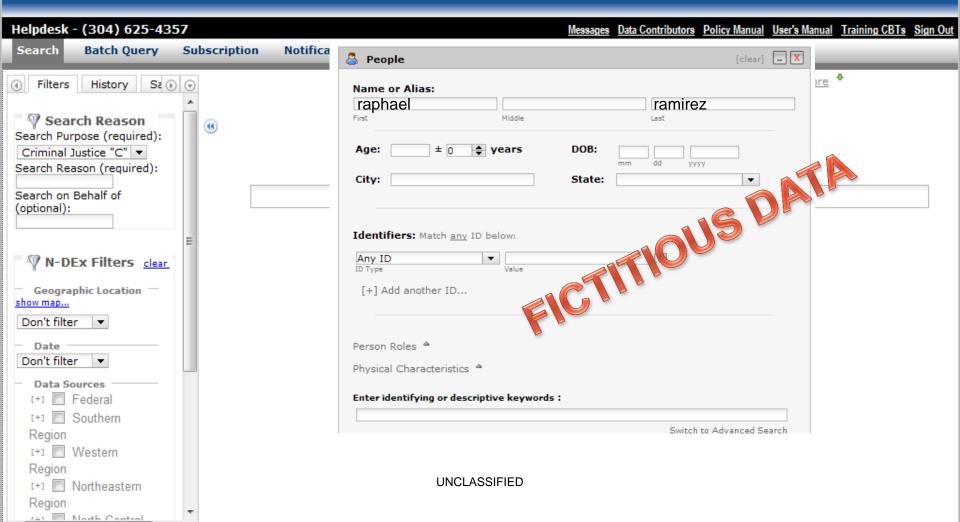




### The N-DEx Targeted Search

**N-DEx System Messages** 

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### Integrated Person Entity View



Home | People | Vehicles | Phone Numbers | Locations | Crime Characteristics | more ♥

« back to search « back to results

#### Raphael Jose Ramirez

Aliases: Ramsey, Ralph Ramsey, Raphael Ramirez more...

#### N Subscribe

#### **Biographical Information**

#### Race Gender Height Weight Age DOB

White 40 1970-10-01 Black 70.0 180 1971-10-01 175

#### Residences

- . 155 North Main Street SW, Los Angeles, CA, 12345
- 155 Main Street SW, Los Angeles, CA, 12345

#### **Business Addresses**

• SSN: 335684622

DLNUMBER: 340642 (CA)

• FBINUMBER: 111000006

• PASSPORTID: 983111

💷 Identifiers

- 1000 La Cienega Blvd, Los Angeles, Calif
- 201 Ocean Drive, San Diego, Calif
- 1000 La Cenega Blvd, Los Angelas, Calif

#### Records

- CA0371100 San Diego PD (CA) Incident Report -2009-06-25
- DCATFX00X Incident Report 2009-02-15
- . CA0190000 Los Angeles Sherrif's Department (CA) - Incident Report - 2009-02-12



#### **Known Associations**

#### Associated People

- · James Bino cousin
- · Eric Ryder driver
- · Vickrum Jinar accomplice

#### Associated Vehicles

- · Honda Accord registered to James Bino
- Volkswagen Passat registered to Eric Ryder
- · Acura Legend reported stolen



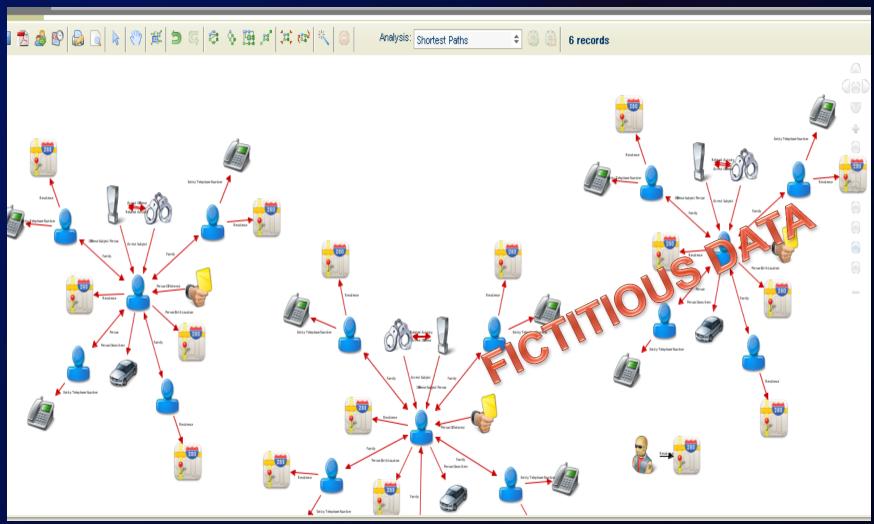


### Geo-Visualization



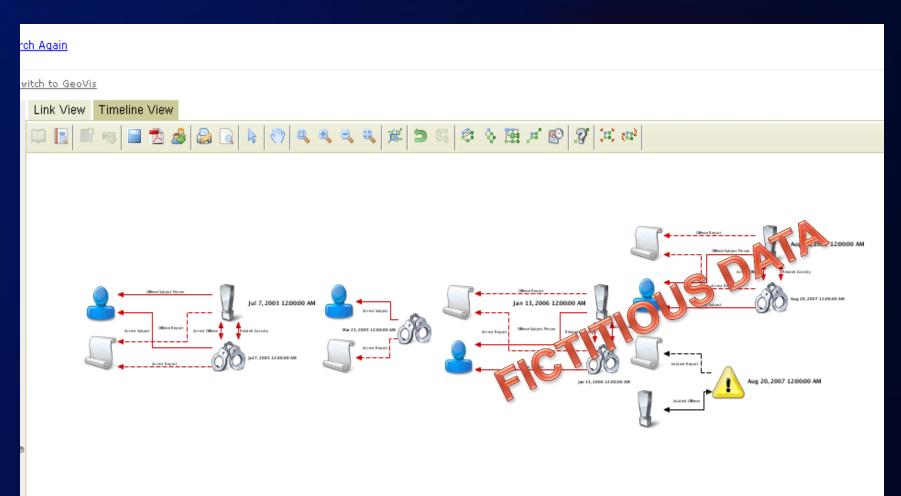


### Link-Visualization



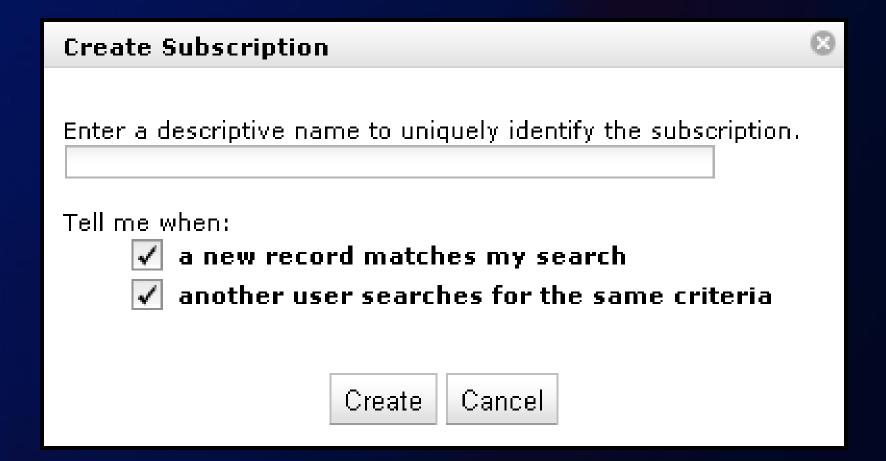


### Timeline





### Real Time Deconfliction





### Batch Query

Helpdesk - (304) 625-4357				<u>1</u>	Messages Data Contributors Policy Manual User's Manual Training CBTs Sign Ou					
Search	Batch Query	Subscription	Notification	Collaboration	Management	Reports	Preferences			
Batch Queries Batch Query Templates										

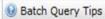
#### **Batch Queries**

Batch Query allows you to automate large numbers of searches by specifying search criteria templates and then uploading files containing rows of parameters to run against those templates. For example, if you would like to run searches for 100 different names, you could create a search template that specifies that it will accept first and last name parameters, create and upload a CSV file containing the 100 names, and then add your batch query to the system's batch query queue. Click on "New Query Setup" to get started.

User ID: Status: From: To:

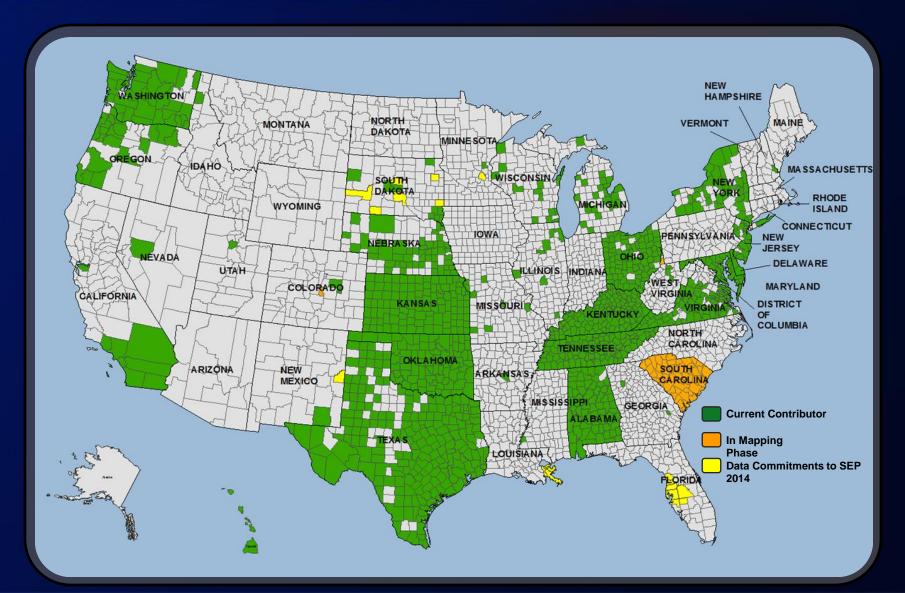
Search multiple (up to thousands) people, phone numbers, vehicles, or key words at one time.





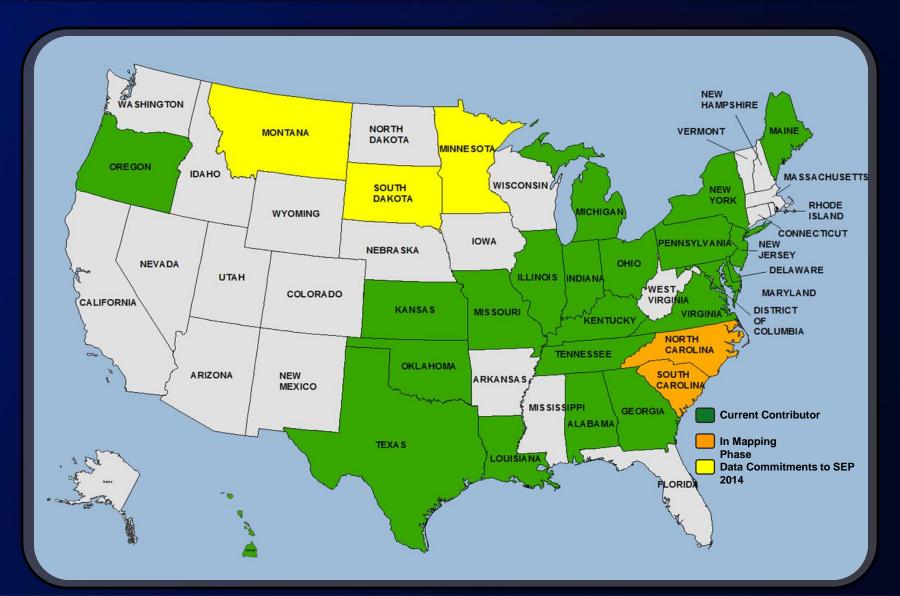


## Local/Tribal Law Enforcement Contributors



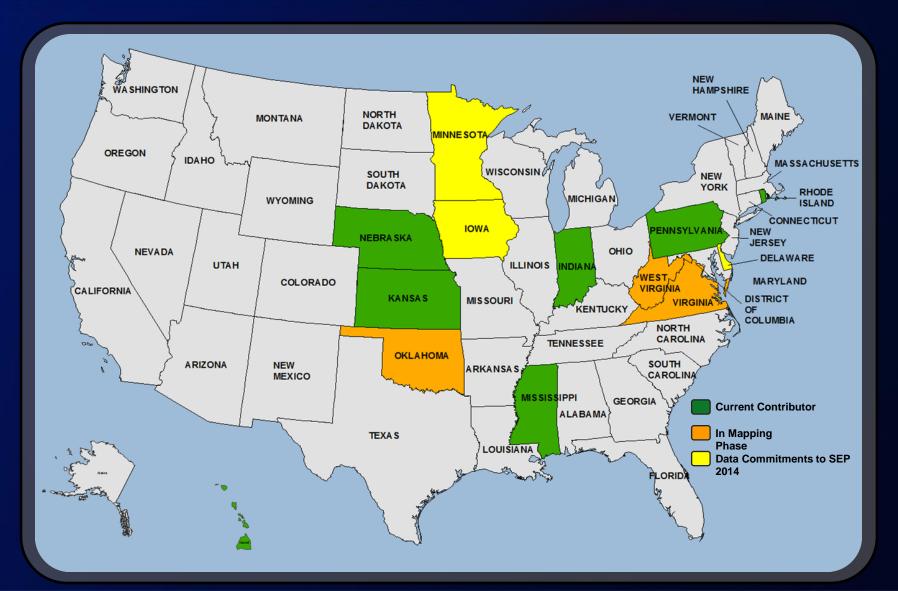


### State Law Enforcement Contributors



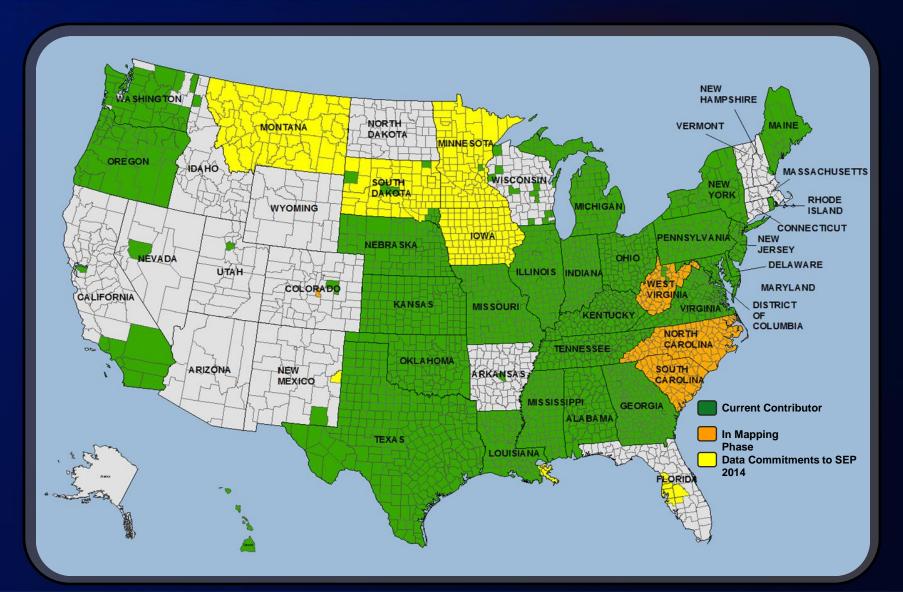


### **State Corrections Contributors**





### Composite Contributors Map





- Bureau of Alcohol, Tobacco, Firearms, and Explosives Bureau of Prisons
- ❖ Drug Enforcement Administra ion ❖ Federal Bureau of Investigation
- ❖ Air Force Office of Special Investigations ❖ United States Marshals Service

- Department of Homeland Security:
- Immigration and Customs Enforcement
- Customs and Border Patrol



### **Federal Data**















### **FBI Commitment**



- The FBI...is committed to ensuring information sharing practices are an integral part of the FBI culture.
- All levels of FBI management emphasize the importance of information sharing.
- Relevant information shared in a timely and secure manner.

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"Know where to find the information and how to use it. That's the secret of success."

-Albert Einstein







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#### **Contact Information**