I-CLEAR

Illinois Citizen and Law Enforcement Analysis and Reporting

IIJIS Summit
June 25, 2007
I-CLEAR

What you will see today

• What it is today
• What will be available in the near future
• What it can be in the long term
What it was…

The Problem and Challenge

• Lack of information sharing
• No standardized, statewide case system
• Silos of rich information not connected
• Funding
What it was...

Need for information sharing

- Stop crime/terrorist attack before it happens
- Focus on high risk people, places, and activities
- Provide better, more complete information for officers to make decisions
What it is…

Chicago Police Department’s CLEAR

- I-CLEAR may never have been conceived without it
- Innovative concept
- Driven to reality
- Unbelievably successful
Murder rate at a 40-year low

Of 19 large cities with more than 1 million inhabitants, Chicago, with a decline of 150 murders, and Washington, D.C., with a decline of 50, account for 51 percent of the net nationwide drop.

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Chicago alone had 150 fewer killings

BY MICHAEL J. SCHIFFER

WASHINGTON — The first decline in four years in the U.S. murder rate is very good news for some cities but does not mark a return to the large national crime declines of the 1990s, experts say.

Terrifying signs in some cities — increased gang violence, for example — were not enough to push national crime figures up in the annual FBI compilation of crimes reported to the police.

Instead the FBI reported Monday the murder rate in 2004 dropped to its lowest level in 40 years.

The rates for all seven major crimes were down, and the overall violent crime rate reached a 30-year low, according to the FBI.

There were 361 fewer murders nationwide in 2004 than the year before, the FBI said. Last year's total of 16,137 works out to 5.5 murders for every 100,000 people.

That's the lowest murder rate since 1965, when it was 5.1.

“Terrifying signs in some cities — increased gang violence, for example — were not enough to push national crime figures up in the annual FBI compilation of crimes reported to the police.”

The declines are relatively small compared to larger, steady drops in the 1990s, and the results are by no means the same across the country.”

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VIOLENT CRIMES

The violent crime rate per 100,000 people is down 8.1 percent since 2000.

Percent change since 2000 in crime rates per 100,000

Approved assault | -10.0%
Rape | -0.6%
Murder | -1.0%
Robbery | -5.7%
Violent crime | -8.1%

SOURCE: FBI
AP
SOX IN THE SERIES

Sox fans' hearts on their sleeves

CHICAGO DRIVES DOWN U.S. MURDER RATE

Drop in slayings here accounts for large portion of nationwide decline

The nation's murder rate declined last year for the first time in five years, dipping to the lowest level in 40 years.

Richard Hooper
Mary Mitchell

Cards top Astros 5-4 to stay alive

World Class Sox in the Series

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• Chicago police rethinking crime-fighting

• 10:53 AM CDT on Monday, October 10, 2005
• By MICHAEL GRABELL / The Dallas Morning News

• Editor's note: In Chicago, murders fell from 598 to 448 in 2004. Shootings declined by 1,000. More than 10,000 guns were taken off the street. Impressed, Dallas police are modeling their crime strategies on Chicago's get-tough methods.
Part I Index Crime
JAN - DEC  2004 - 2005

Index Crime • January - December 2004
City of Chicago Index Crime DOWN 6.7%

<table>
<thead>
<tr>
<th>Crime</th>
<th>Jan - Dec 2004</th>
<th>Jan - Dec 2005</th>
<th>% Change</th>
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<tbody>
<tr>
<td>Murder</td>
<td>448</td>
<td></td>
<td>-0.2%</td>
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<tr>
<td>Criminal Sexual Assault</td>
<td>1,757</td>
<td>14,757</td>
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<tr>
<td>Robbery</td>
<td>15,545</td>
<td>15,961</td>
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<tr>
<td>Aggravated Assault</td>
<td>7,241</td>
<td>6,680</td>
<td>-8.4%</td>
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<tr>
<td>Aggravated Battery</td>
<td>11,578</td>
<td>11,254</td>
<td>-2.4%</td>
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<tr>
<td>Burglary</td>
<td>14,542</td>
<td>25,298</td>
<td>3.1%</td>
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<tr>
<td>Theft</td>
<td>94,651</td>
<td>83,235</td>
<td>-12.1%</td>
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<tr>
<td>Motor Vehicle Theft</td>
<td>22,788</td>
<td>22,491</td>
<td>-1.3%</td>
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<tr>
<td>Arson</td>
<td>772</td>
<td>683</td>
<td>-11.5%</td>
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<tr>
<td>Violent</td>
<td>36,990</td>
<td>35,960</td>
<td>-2.8%</td>
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<tr>
<td>Property</td>
<td>142,753</td>
<td>131,707</td>
<td>-7.7%</td>
</tr>
<tr>
<td>Total</td>
<td>179,743</td>
<td>167,667</td>
<td>-6.7%</td>
</tr>
</tbody>
</table>
Ten Years of Progress

CHRIS

ICAM 2

ICAM

1993
365 Agencies Now Access CPD’s CLEAR System
I-CLEAR: Partnership for all 102 counties of Illinois
The I-CLEAR Partnership

• Provides a framework for co-development and management
• Allows for shared decision-making
• Creates a statewide advisory board consisting of IACP, ISA, and ILEAS
• Participation in I-CLEAR is entirely voluntary
• Supports cross-jurisdictional investigations
I-CASE and a Statewide I-CLEAR Data Warehouse will:

- Solve crimes that were unsolvable before.
- Guide police when and where they are needed to stop criminals in their tracks.
- Share data from hundreds of agencies to expand crime fighting capacity.
Data is the foundation for Actionable Intelligence
What it will be soon...

I-CASE

• Began as ISP and CPD partnership, as it quickly grew from a Statewide RMS void

• Based on “statewide vision” concessions made by all involved agencies

• Partner agencies to make business changes as needed

• Where to start?
How it evolved...

Requirements, requirements, requirements

• Business Operational
• Functional, Data Elements
• Infrastructure: Hardware, Software, Network
• Support, Maintenance
• Policy, Procedure, Training
• Privacy, Legal
Coming Soon...
Ready this YEAR – I-CASE

- User friendly, user requirements driven
- Comprehensive (1500 elements)
- Security Features
  - Role-based access
  - Case sensitivity classification
- Workflow
  - Create->Submit->Approve->DW->N-DEx
Unfinished reports

- #IL05aa602638 Assault @ 1234 Pachabel Lane Report Due: 2/2/2006
  - Original Report 01-AUG-2005 11:30
  - Lineup of Laura Z. 31-JUL-2004 17:30

Rejected reports

- #IL05aa602608 Fraudulent Document @ 12 E Michigan
  - Rejected Interview w/ M Dain 30-JUN-2005 8:40
    Reason: Call Lt. Hugo Z. Hackenbush for details

Your reports for informal review

- #IL2005aa60608 Incident @ Michigan and Balbo
  - Original Report 30-JUN-2005 8:40

Reports awaiting approval

- #IL2005aa60608 Assault @ 1234 Pachabel Lane

Recently assigned cases

- #IL2005aa60328 Background Investigation @ Forest Park
  - 10/30/2005 Original Report
  - 10/30/2005 Supplemental Report

Jeffrey T. Spaulding
Investigator

8/30/2005
#IL2005aa60608 Fraudulent Document @ 12 E Michigan
Follow-up report is due
Add supplemental report
Dismiss

Lt. Leo Z Hackenbush tried to view case IL05aa324523
Interview with Joe Blow
Dismiss
Coming Soon...

Once using I-CASE

- Electronic data collection at the source
- Data made rapidly available for broad re-use
- Increased officer effectiveness and efficiency due to automated case system
- More complete, accurate, timely information, collected in a standardized manner
What’s Next?

I-CASE Version 2.0

• Multiple Case Clearing
• Notifications and Alerts
• Data entry of legacy paper reports
• Juvenile Arrest Reporting
• Internal Investigation Reporting
• Tow Reporting
• Inter-agency Case Transfers
Coming Soon…

Where does this information go, how do we share it?

- Data Warehouse Repository
- Role-based Access
- Capabilities
  - Query
  - Analytics
  - Reporting
  - Statistics
  - Notifications
Currently Under Development

Statewide Data Repository

Custom Development through a partnership with Oracle Consulting

I-CASE
Ready this YEAR

Initial Interfaces to Existing Legacy Systems

Query Tool

Statewide Data Repository

Security

Justice Integration Hub

CHRI

CPD CHRIS

CPD Mugshots

I-CASE
Other Data Warehouse Features

- Case Activity Summaries
- Arrest Activity Summaries
- Trend Analyses
- Key Performance Indicators
- Illinois Police Incidents shared Nationally
  - XML Interface to N-DEx

Coming Soon...
Other Data Warehouse Benefits

• Collects and processes crime data to support statewide investigative and analytical processes

• Provides LE agencies with strategic and tactical capabilities that do not currently exist
What it CAN be...

Bringing Business Intelligence to the Justice Enterprise

Presentation/Application Layer
- L.E. Exec Dashboard
- Govt./Public Dashboard
- Crime Analysis
- Assets & Vulnerabilities
- Public Safety HS
- Private Security

Data Layer
- Statewide Data Repository
- Justice Data Warehouse

Integration Layer
- Justice Integration Hub
- FBI NDex
- DHS HSOC

Source Systems
What it CAN be...

Continued growth of I-CLEAR suite of services

- Citation/Written Warnings
- Investigative Alerts
- Significant Incident Reports
What it CAN be...

Continued pursuit of data for Data Warehouse

- Department of Corrections
  - Parolees, Offender Tracking System

- Department of Transportation
  - Crashes
  - Stop Card
National Vision

Link Crime & Intel to Fight Crime & Prevent Terrorism
Information Privacy
What Do We Know?

- Effects of new information collection, use, & dissemination versus traditional information practices
- Pitfalls of previous efforts (e.g. MATRIX)
- The increasing demand for information, plus the broader electronic sharing (availability) of that information results in the end of 'practical obscurity'
I-CLEAR Privacy Vision

I-CLEAR shall serve justice, public safety, and homeland security while:

• Protecting the privacy and civil liberties of law abiding citizens;
• Preventing unauthorized disclosures of information; and
• Allowing appropriate access
Thank you!

Questions?