Mission Statement

To promote public safety and justice by informing citizens, practitioners, and policy makers through objective monitoring, accountability, and assessment.
History and Structure

Created in 1977

Clearinghouse
Monitor crime stats
Information resource

Independent assessment and evaluation

Clearinghouse Functions

• Analysis of crime, arrest, and drug use data
  • 12 – CJ Flashes
  • 9 – CJ Bulletins

• Resource for information about what works

• Serve on task forces and commissions

• Present research findings around region
Provide Regional Crime Analysis

Region’s Violent Crime Rate Lower Than National Average in 2016

Regional Property Crime Rate Also Lower Than National Average in 2016

Tie Local Statistics to National Research
Provide Data to Add to Discussions of Important Issues - Firearms

Provide Data to Add to Discussions of Important Issues - Gangs
Provide Data to Add to Discussions of Important Issues – Marijuana Use

CRIMINAL JUSTICE RESEARCH DIVISION

Provide Data to Add to Discussions of Important Issues - Homelessness

CRIMINAL JUSTICE RESEARCH DIVISION
Independent Evaluation

• Bring in $1 for every $4 in Clearinghouse funds
• Data sharing agreements in place with County
• Qualitative and quantitative research methods
• Cost-effective measures
• Data visualization emphasis

Veterans Moving Forward Evaluation Completed
Community Justice Initiative Evaluation Completed

Figure 2: Phase of the CJI process

AB 109 Draft Evaluation Report Submitted
Prop 47-Funded Program Evaluation Continued

STAR Pilot Evaluation Continued
Criminal Justice Research
2018 Accomplishments

March 2019
ARJIS ACCOMPLISHMENTS
2018
SANDAG PUBLIC SAFETY COMMITTEE
March 15, 2019

WHAT IS ARJIS?
AUTOMATED REGIONAL JUSTICE INFORMATION SYSTEM
ARJIS ROLES & SERVICES

WHAT IS ARJIS

DATA SHARING WAREHOUSE
24/7 SECURE NETWORK
REPORTING CENTER
SOFTWARE DEVELOPMENT
INFORMATION EXCHANGE
DATA VALIDATION

REGIONAL GOVERNANCE
LEGISLATIVE COMPLIANCE
POLICY DEVELOPMENT
PUBLIC ACCESS TO DATA
INNOVATION & NATIONAL MODEL

ARJIS GOVERNANCE

WHAT IS ARJIS

SANDAG BOARD OF DIRECTORS (BOD)
SANDAG PUBLIC SAFETY COMMITTEE (PSC)
CHIEFS’ & SHERIFF’S MANAGEMENT COMMITTEE (CSMC)

BUSINESS WORKING GROUP (BWG)
TECHNICAL WORKING GROUP
NIBRS WORKING GROUP
WIRELESS WORKING GROUP
CITATIONS WORKING GROUP

AD-HOC USER WORKING GROUP(S)

*Created as needed to address technical/business issues
KEY COMMITTEE ACCOMPLISHMENTS IN 2018

WHAT IS ARJIS

- 2 new ARJIS member agencies
- Approved 16 modifications to comply with new legislation
- Approved real-time transactional reporting

KEY COMMITTEE ACCOMPLISHMENTS IN 2018

ARJIS ACCOMPLISHMENTS IN 2018

INTRODUCTION TO ARJIS

1. Led regional transition to National Incident Based Reporting System (NIBRS) for standardized federal crime reporting
2. Received $700,000 in grant funding
3. Continued ARJIS Network Upgrade & enhanced Network Monitoring System
4. Completed Phase I of Disaster Recovery Site & Incident Response Plan
5. Executed fixed price 10 year agreement with Data Center
6. Negotiated new 5 Year Network Services Agreement & secured Network Manager
MEMBERS & USERS
WHO IS USING ARJIS?

ARJIS MEMBER AGENCIES & USERS
ARJIS MEMBERS & USERS

60+ ARJIS MEMBER AGENCIES
4,944 AUTHORIZED USERS IN 2018

2 NEW AGENCIES APPROVED IN 2018
157 NEW USERS IN 2018
**ARJIS CORE MEMBER AGENCIES IN 2018**

**ARJIS MEMBERS & USERS**

1. Carlsbad Police Department (CBPD)
2. Chula Vista Police Department (CVPD)
3. Coronado Police Department (COPD)
4. El Cajon Police Department (ECPD)
5. Escondido Police Department (ESPD)
6. Harbor Police Department (HPD)
7. La Mesa Police Department (LMPD)
8. National City Police Department (NCPD)
9. Oceanside Police Department (OCPD)
10. San Diego Police Department (SDPD)
11. San Diego County Sheriff’s Department (SDSD)

*PROVIDES PUBLIC SAFETY SERVICES FOR 9 CONTRACT CITIES & UNINCORPORATED AREA*

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**ARJIS EX OFFICIO MEMBER AGENCIES**

**ARJIS MEMBERS & USERS**

- BIA-Bureau of Indian Affairs-Sycuan Tribal PD
- CAL State University – San Marcos Police Dept.
- California Department of Consumer Affairs - Division of Investigation
- California Department of Corrections & Rehabilitation
- California Department of Forestry & Fire Protection
- California Department of Health Care Services
- California Department of Insurance
- California Department of Justice Bi (Bureau of Investigation)
- California Department of Motor Vehicles (DMV)
- California Highway Patrol (CHP-Farnham St)
- City of Del Mar/Park Ranger
- DA CATCH (San Diego District Attorney-Computer & Technology Crime High-Tech Response Team)
- Donovan Correctional R.J. Donovan Correctional Facility
- Imperial County LECC (Law Enforcement Coordination Center)
- Metropolitan Transit Service (MTS)
- Mira Costa College Police Department
- Palomar College Police Department
- Regional Auto Theft Task Force (RAFT)
- San Diego City Schools Police Department
- San Diego Community College Police Department
- San Diego County LECC (Law Enforcement Coordination Center)
- San Diego Harbor Police Department
- San Diego State University (SDSU) Department of Public Safety
- Southwestern College Police Department
- United States Bureau of ATF (Alcohol, Tobacco, Firearms)
- United States Department of Justice Drug Enforcement Administration (DEA) (San Diego and San Ysidro)
- United States Department of State
DATA SHARING

REGIONAL PUBLIC SAFETY INFORMATION SHARING HUB

ARJIS INCIDENT DATA 2015 - 2018

DATA SHARING

ARJIS Data Sharing

“ARJIS systems work quickly to provide us with the information we need in seconds. Drilling down on ARJIS data is the way to see exactly what is going on in the region while we are out in the field. Without ARJIS data sharing tools we would not be able to work as quickly or as efficiently.”

- Officer, Chula Vista Police Department
INCIDENT TYPES ADDED TO ARJIS IN 2018

DATA SHARING

- SUPERVISION: 11,405
- TRAFFIC ACCIDENTS: 19,540
- OFFICER NOTIFICATIONS: 22,151
- FIELD INTERVIEWS: 85,825
- BOOKINGS (JAIL): 92,379
- ARRESTS: 93,414
- CRIME CASES: 209,456
- CITATIONS: 211,814
- CAD (911) CALLS*: 679,697

*CAD Data from only 4 agencies

BENEFITS OF ARJIS DATA SHARING

DATA SHARING

- SANDAG APPLIED RESEARCH DIVISION
- UNITED STATES DEPARTMENT OF JUSTICE (DOJ)
- CALIFORNIA DEPARTMENT OF JUSTICE (CALDOJ)
- MUNICIPAL TRAFFIC ENGINEERS
- SANGIS COMMUNITY MAPS & DATA
- SAN DIEGO METH STRIKE FORCE
- VETERANS MOVING FORWARD (VMF)
- ALTERNATIVES TO DETENTION (ATD)
- COMMUNITY JUSTICE INITIATIVE
- UNIVERSITIES & STUDENTS
- SANDIEGO CHILDREN’S INITIATIVE & OTHER NONPROFIT ORGANIZATIONS
- SAN DIEGO UNION-TRIBUNE & OTHER MEDIA OUTLETS
NETWORK INFRASTRUCTURE & SUPPORT
HOW DOES ARJIS CONNECT & SUPPORT AGENCIES?
### ARJIS NETWORK UPTIME IN 2018

**NETWORK INFRASTRUCTURE & SUPPORT**

<table>
<thead>
<tr>
<th>ARJIS 2018</th>
<th>% Uptime</th>
<th>% Downtime</th>
</tr>
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<tbody>
<tr>
<td>January</td>
<td>99.99%</td>
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<tr>
<td>February</td>
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<td>0.00%</td>
</tr>
<tr>
<td>March</td>
<td>100.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>April</td>
<td>100.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>May</td>
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<td>August</td>
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<td>September</td>
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<td>November*</td>
<td>99.83%</td>
<td>0.17%</td>
</tr>
<tr>
<td>December</td>
<td>100.00%</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

*SDG&E power outage occurred on 11/30/18

### ARJIS HELP DESK & SERVICE LOG IN 2018

**NETWORK INFRASTRUCTURE & SUPPORT**

- **HELP DESK TICKETS IN 2018**
  - ARJIS staff resolved 472 help desk tickets providing 24/7/365 support

- **ARJIS SERVICE LOGS**
  - 52 service logs updating ARJIS agencies weekly on issues and projects

- **ARJIS DEPLOYMENTS IN 2018**
  - ARJIS staff deployed 173 unique upgrades and performance enhancements
KEY NETWORK SUCCESS STORY IN 2018
NETWORK INFRASTRUCTURE & SUPPORT

- September 25, 2018 - Port of San Diego & San Diego Harbor Police Department hit by ransomware cyber attack
- Through ARJIS Mobile Devices Harbor PD could still access ARJIS Secure Network and continue patrol and investigative work
- Having access to the ARJIS Secure Network allowed Harbor Police Department to keep serving our community

APPLICATIONS & SERVICES
HOW DO USERS ACCESS THE DATA?
ARJIS TOOLS IN 2018
APPLICATIONS & SERVICES

SRFERS
2017 Queries: 311,190
2018 Queries: 415,148

COPLINK
2017 Queries: 568,591
2018 Queries: 612,647

EQUERY
2017 Queries: 309,298
2018 Queries: 351,665

CRIME MAPPING DASHBOARD
2017 Queries: 9,099
2018 Queries: 6,897

COGNOS REPORTING
2017 Queries/Reports: 5,679
2018 Queries/Reports: 5,752

OFFICER NOTIFICATION SYSTEM
2017 Records Added: 16,743
2018 Records Added: 22,151
STATE REGIONAL FEDERAL ENTERPRISE RETRIEVAL SYSTEM (SRFERS) QUERIES 2015 - 2018

APPLICATIONS & SERVICES

SRFERS SUCCESS STORY

“After a stabbing we used SRFERS and a BOLO to identify and arrest the suspect quickly. Thanks to SRFERS real time policing is possible.”
- Crime Analyst, Oceanside

1.08 M QUERIES RUN IN SRFERS 2015 – 2018

SRFERS federated query hits 30+ databases per query in seconds!

COPLINK QUERIES 2015 - 2018

APPLICATIONS & SERVICES

Coplink is an investigative tool to conduct in-depth investigations & analysis

2.3 M QUERIES RUN IN COPLINK 2014 – 2018
COGNOS REPORTING & UPGRADE
Police Incident and Statistical Reporting

1. Users created **5,752** reports
2. ARJIS completed **regional application upgrade** to improve speed connectivity
3. Trained **30+** Crime Analysts, Traffic Engineers and Records Managers
4. Initiated transition to **NIBRS** federal crime reporting standards

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**NATIONAL INCIDENT BASED REPORTING SYSTEM (NIBRS)**

**APPLICATIONS & SERVICES**

**UNIFORM CRIME REPORTING (UCR)**
**SUMMARY REPORTING SYSTEM (SRS)**

- **12** MONTHLY REPORTS SENT TO STATE & FEDERAL GOVERNMENT
- **10** OFFENSE CLASSIFICATIONS (CRIME CATEGORIES)
- **1** CHARGE REPORTED PER INCIDENT (HIGHEST CHARGE ONLY)
- **6** DATA FIELDS OR PIECES OF INFORMATION SENT ON EACH CRIME (HIGHEST CHARGE ONLY)

**NATIONAL INCIDENT BASED REPORTING SYSTEM (NIBRS)**

- **1,000+** DATA TRANSACTIONS PER DAY TO FEDERAL GOV. (ONE FOR EACH CRIME CASE)
- **52** OFFENSE CLASSIFICATIONS (CRIME CATEGORIES)
- **10** CHARGES REPORTED PER INCIDENT (ALL NIBRS CHARGES)
- **58** DATA FIELDS OR PIECES OF INFORMATION SENT ON EACH CRIME (WEAPONS, RELATIONSHIPS, MOTIVES ETC.)
ARJIS BE ON THE LOOKOUT NOTICES IN 2018
APPLICATIONS & SERVICES

13 EMAIL DISTRIBUTION LISTS
For blasting out crime alerts, officer safety alerts and case inquiries throughout the San Diego region

610 more subscribers than 2017

18,413 SUBSCRIBERS
From law enforcement agencies across San Diego

532 more BOLOs distributed than in 2017

3,531 BOLO BULLETINS
Sent to subscribers

“I am 100% certain that my recent ARJIS BOLO played a huge role in quickly locating an abducted child and the related suspects. Once we released the BOLO to multiple agencies I had 6 different teams from across the County looking for her and this made all the difference!”

– Investigator, Child Abduction Unit, San Diego District Attorney

ARJIS MOBILE SUCCESS STORY

“Recently one of my officers was able to use his ARJIS Mobile to identify 2 people who had been driving erratically and then continued to abscond on foot. It turns out that both men were wanted for murder and robbery in the state of Washington. ARJIS Mobile phones play a huge part in our success as an agency!”

– Lieutenant, Escondido Police Department
SRFERS MOBILE QUERIES 2015 - 2018

APPLICATIONS & SERVICES

```
+------------------+
| 2015  | 2016  | 2017  | 2018  |
+------------------+
| 11,092 | 50,737| 138,420| 250,349|
+------------------+
```

SRFERS MOBILE SUCCESS STORY

“I recently used the SRFERS Mobile Fingerprint Scanner to identify a man with a felony arrest warrant for elder abuse. Without the fingerprint scanner and how user friendly SRFERS Mobile is this guy never would have been arrested.”
- Patrol Officer, Oceanside

450,349 QUERIES RUN IN SRFERS MOBILE 2015 – 2018

ARJIS TRAINING PROGRAM IN 2018

APPLICATIONS & SERVICES

```
+------------------+
|                  |
| DESKTOP TRAINING |
| USERS: 317       |
| AGENCIES: 36     |
| CLASSES: 34      |
+------------------+
| MOBILE TRAINING  |
| USERS: 170       |
| AGENCIES: 16     |
| CLASSES: 78      |
+------------------+
| TOTAL TRAINING   |
| USERS: 487       |
| AGENCIES: 36     |
| CLASSES: 112     |
+------------------+
```

“Thanks to my recent experience with ARJIS training I was able to analyze field interviews and booking photos to identify the suspect and getaway driver in a recent chain of vehicle thefts!”
- Patrol Officer, Chula Vista Police Department
**ARJIS PUBLIC PORTAL & APPLICATIONS IN 2018**

**APPLICATIONS & SERVICES**

The ARJIS Public Web Portal includes the Crimemapping and CrimeStats applications

**TOTAL PAGE VIEWS**: 173,895

**AVERAGE PAGE VIEWS PER DAY**: 476

**CRIMESTATS QUERIES**: 43,747

**CRIMEMAPPING SUBSCRIBERS**: 27,051

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**GRAFFITI TRACKER IN 2018**

**APPLICATIONS & SERVICES**

Graffiti Tracker allows citizens, law enforcement agencies and municipal agencies to document, track and remove graffiti throughout the region.

**TOTAL GRAFFITI PHOTO UPLOADS**: 83,092 (20,948 MORE THAN IN 2017)

**PHOTO UPLOAD SOURCES**: 24 PARTICIPATING AGENCIES
“I begin each day by reviewing ARJS BOLOs. These interagency communications are vital to information sharing efforts and to efficient crime fighting. Thank you for providing tools that make our jobs easier!”

- Investigator, Chula Vista Police Department

THANK YOU & QUESTIONS

For more information about this presentation please contact Pam Scanlon, Director, Automated Regional Justice Information System (ARJIS)
webmaster@arjis.org

“I would like to thank ARJS for help in identifying and arresting two suspects in a recent armed robbery! ARJS tools allowed us to collaborate with our neighboring agency, San Diego Police Department, and the region to make this a success.”

- Investigator, Chula Vista Police Department
Public Safety Allocations in the San Diego Region

Expenditures and Staffing for FY 2017-18

Sandy Keaton

Public safety spending in the region back to FY 09 levels in FY 18

Expenditures in billions

<table>
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<th>Year</th>
<th>Expenditures in Billions</th>
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<tr>
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<tr>
<td>2015</td>
<td>2.07</td>
</tr>
<tr>
<td>2016</td>
<td>2.13</td>
</tr>
<tr>
<td>2017</td>
<td>2.15</td>
</tr>
<tr>
<td>2018</td>
<td>2.21</td>
</tr>
</tbody>
</table>
One in every two public safety dollars went to law enforcement regionally in FY 18

$668 spent on public safety
In FY 18 per resident

Variability in one-year changes in expenditures and staffing across categories
FY 18 Category expenditures and descriptions

- Prosecution
  - $192.56 million
  - District Attorney and City Attorney

- Court-related services
  - $252.86 million
  - Superior Court (not including judges salaries), Sheriff’s Court Services, and Grand Jury

- Public Defense
  - $79.20 million

FY 18 Category expenditures and descriptions

- Correctional facilities
  - $422.76 million
  - Sheriff’s adult detention facilities, juvenile facilities managed by Probation, and Chula Vista Jail

- Probation field services
  - $138.63 million

- Other category
  - $61.41 million
  - San Diego Public Safety Group, Child Support Services, Citizens’ Law Enforcement Review Board, and Oceanside Harbor Police
Law enforcement expenditures up 4% regionally from FY 17 on average

32% of general funds allocated to law enforcement regionally
Rate of 1.29 sworn officers per 1,000 population below national average of 2.40

Expenditures and Staffing for FY 2017-18

Sandy Keaton