COVID-19 AND PUBLIC SAFETY IN THE SAN DIEGO REGION

May 15, 2020

40 YEARS OF CRIME STATISTICS

• 7 types of UCR crimes
• Property crime rate at 40-year lows
• Violent crime rate 4th lowest in past 40 years
• Juvenile arrests at record lows
• Drug use among justice population at record highs
• Legislative changes in recent years
COVID-19
First Responders
Municipal And County Budgets
Detention Facilities
Court Systems

POSSIBLE SHORT-TERM IMPACTS
• Increased mental health issues
• Increased substance use and more overdose deaths
• Mandated reporters not identifying potential child abuse cases
• Alcohol consumption by minors
• Use of masks facilitates anonymity
• Opportunities for burglary and vandalism
• Opportunities for COVID-19 financial schemes
• Increased domestic violence
PRELIMINARY CRIME CASE COMPARISON

- March and April 2019 compared to March and April 2020
- Highest charge of aggravated assault, simple assault, and larceny
- Domestic violence (can be included in above cases)
- Important to note all data may not be entered, these data are subject to change based on investigation, and other measures of crime may show different pattern

![Mean Daily Crime Cases San Diego Region](chart)

Above means include the 3 crime types described to the left

CRIME CASES BY TYPE, MARCH AND APRIL
2019 AND 2020

- Aggravated Assault: -16%
- Simple Assault: -7%
- Larceny: -23%
- Domestic Violence: -1%

- % Change March
- % Change April
POSSIBLE LONG-TERM IMPACTS

**PROGRAM FUNDING CHALLENGES**
Prevention, diversion, and other reentry programs may experience funding cuts. Other positive social activities available for youth may be cut.

**HATE CRIMES**
Potential for racially motivated hate crimes to increase.

**LONG-TERM FINANCIAL CHALLENGES FOR INDIVIDUALS**
Crime rates, especially property, are somewhat correlated with unemployment.

**JUVENILE CRIME AND VICTIMIZATION**
With youth being out of school, greater opportunities for youth to potentially engage in delinquent acts as well as be victimized.

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**CJRD AND ARJIS EFFORTS**
- Continue to work with local agencies to document change in crime
- Monitor effect of COVID-19 on public safety budgets and staffing
- Produce short reports with available data
- Support interagency information sharing and collaboration
CRIMINAL JUSTICE RESEARCH DIVISION

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
• Resource for information about what works
• Serve on task forces and commissions
• Present research findings around region
Provide Regional Crime Analysis

Five Things to Know About Violent Crime in the San Diego Region

1. Highlights:
   - 2018 saw a decrease in violent crime compared to previous years.
   - The number of violent crimes reported in San Diego County was significantly lower than in previous years.
   - 2019 saw an increase in violent crime, which was attributed to an increase in the number of reports.
   - 2020 saw a decrease in violent crime, which was attributed to the COVID-19 pandemic.

Five Things to Know About Property Crime in the San Diego Region

1. Highlights:
   - 2018 saw a decrease in property crime compared to previous years.
   - The number of property crimes reported in San Diego County was significantly lower than in previous years.
   - 2019 saw an increase in property crime, which was attributed to an increase in the number of reports.
   - 2020 saw a decrease in property crime, which was attributed to the COVID-19 pandemic.

Produce Jurisdictional Summaries

Annual Crime Statistics 2018: Carlsbad

1. Highlights:
   - The number of violent crimes was significantly lower than in previous years.
   - The number of property crimes was significantly lower than in previous years.
   - The number of vehicle thefts was significantly lower than in previous years.
   - The number of other crimes was significantly lower than in previous years.

2. Additional Notes:
   - The decrease in crime was attributed to the COVID-19 pandemic.
   - The increase in vehicle thefts was attributed to the pandemic-induced changes in lifestyle.
   - The increase in other crimes was attributed to the pandemic-induced changes in lifestyle.

3. Further Information:
   - The data was collected from the Carlsbad Police Department.
   - The data was analyzed using statistical software.
   - The data was manually verified for accuracy.
Compile Reliable Public Safety Data Not Available Elsewhere

![Chart showing sworn officer-to-population ratio in FY 2013–14 and FY 2017–18](image)

**Figure 8**

Region’s sworn officer-to-population ratio in FY 2013–14 and FY 2017–18

- Carlsbad: 1.04
- Chula Vista: 0.92
- Coronado: 1.06
- El Cajon: 1.13
- Escondido: 1.15
- La Mesa: 1.16
- National City: 1.17
- Oceanside: 1.19
- Regionwide: 1.19
- San Diego: 1.29
- Sheriff: 1.11

**SOURCES:** SANDAG, San Diego County and Cities’ Authorized Staffing

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Provide Data on Important Issues – Meth Use

**CJFLASH**

Research Findings from the Criminal Justice Flash

Methamphetamine Use and Mental Health

Issues Among the Arrestee Population

According to the report, 92% of arrestees suffer from at least one mental health issue, with 37% suffering from a substance use disorder. Of these, 45% of arrestees were without the support of a mental health professional during the episode.

The report also highlights that 71% of arrestees were in possession of methamphetamine or other drugs at the time of arrest.

**Report 1**

- Methamphetamine use
- Mental health issues

**Report 2**

- Substance use disorder
- Mental health diagnosis

- 62% of arrestees had a mental health diagnosis of at least moderate severity at the time of arrest.

- 41% of arrestees were prescribed a medication for a mental health condition.

**Report 3**

- 7% of arrestees had a mental health diagnosis of at least moderate severity at the time of arrest.

- 44% of arrestees were prescribed a medication for a mental health condition.
Provide Data on Important Issues – Marijuana Use

Marijuana Use Among San Diego Arrestees: Two Years of Data Post-Proposition 64

In 2019, with the passage of Proposition 64, which lifted the ban on the recreational use of marijuana in California, the percentage of positive urine tests for marijuana among arrestees significantly decreased. This decrease continued in 2019, although not as dramatically as in the previous year. In 2020, there was a slight increase, but still lower than the baseline levels.

Highlight 1: The percentage of arrestees testing positive for marijuana decreased from 2018 to 2019, indicating a decline in marijuana use among arrestees.

Highlight 2: Drug-related offenses involving marijuana decreased from 2018 to 2019.

Highlight 3: While the percentage of arrests for drug-related offenses decreased, the number of arrests for marijuana offenses remained relatively stable.

CRIMINAL JUSTICE RESEARCH DIVISION

Provide Data on Important Issues – Homelessness

Homelessness Among Justice System-Involved Individuals in San Diego County

The percentage of individuals experiencing homelessness among justice-involved individuals is higher than in the general population. This is likely due to the concentration of homeless individuals in areas where justice system facilities are located.

Highlight 1: The percentage of inmates who are homeless is significantly higher than the general population.

Highlight 2: Over 25% of inmates in the county are homeless at some point during their incarceration.

Highlight 3: Inmates with a history of homelessness are more likely to relapse into homelessness after release.

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

Prop 47-Funded Program Evaluation – Two Year Report
Completed Chula Vista Resident Survey

Top priorities for the CVPD for the next five years

- Keep public safe (24%)
- Homelessness (21%)
- Enforcing traffic laws (19%)
- Illegal drug use/sales (17%)
- Hiring more officers (11%)

Veterans Moving Forward (VMF) Evaluation Led to Improved Service Delivery
Contributed to Regional Juvenile Reinvestment Activities

A Changing Department: How Probation is Altering Juvenile Justice in San Diego

Reducing the reliance on incarceration by leveraging community-based services and treatment options

Promise Neighborhood Evaluator for Two Sites

Castle Park Neighborhood Snapshot

- 92% | 76%
- 5 SCHOOL
- 33 BASIS
- 6744 POPULATION
- 34% FAMILY EARNER REGULAR
- 22% NON-HISPANIC HIGH SCHOOL
- 15% FIRST GENERATION COLLEGE BOUND
- 4.7% PERCENT OF FAMILIES IN POVERTY OR ABOVE
Research Partner for Human Trafficking Intervention Project

Criminal Justice Research
2019 Accomplishments

May 2020
ARJIS ACCOMPLISHMENTS 2019

SANDAG PUBLIC SAFETY COMMITTEE
MAY 15, 2020

ARJIS ROLES & SERVICES
NATIONAL MODEL FOR INFORMATION SHARING

24/7 SECURE NETWORK  DATA SHARING HUB  STATISTICAL REPORTING CENTER  SOFTWARE PROVIDER  MOBILE PLATFORM  REGIONAL GOVERNANCE
ARJIS GOVERNANCE STRUCTURE

SANDAG BOARD OF DIRECTORS (BOD)
SANDAG PUBLIC SAFETY COMMITTEE (PSC)
CHIEFS’ & SHERIFF’S MANAGEMENT COMMITTEE (CSMC)
BUSINESS WORKING GROUP (BWG)
NATIONAL INCIDENT BASED REPORTING (NIBRS) WORKING GROUP
AD-HOC USER WORKING GROUP(S)*

*Created as needed to address technical/business issues

KEY ARJIS COMMITTEE ACCOMPLISHMENTS IN 2019

- Approved SD County Probation and District Attorney as data contributing member agencies
- Ranked 23 priority projects for the ARJIS FY20 workplan & vetted 40+ grant proposals
- Developed, vetted and approved FY20 Budget
- Participated in 30+ meetings and approved 36+ action items
- Implemented business rules for sealing records, gender codes, & citations
- Responded to 35 Public Records & Data Requests
ARJIS ACCOMPLISHMENTS IN 2019

1. First region in CA to transition to National Incident Based Reporting System (NIBRS)
2. Completed interface with the Courts for citation records
3. Added new data contributing agencies
4. Completed ARJIS network upgrade & launched network redesign
5. Implemented enhanced security protocols for 900 smartphones
6. Received $1.32M in grant funding

MEMBERS & USERS
WHO IS USING ARJIS?
ARJIS CORE MEMBER AGENCIES IN 2019
AGENCIES CONTRIBUTING DATA TO ARJIS

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 (LMPO)
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)
12. San Diego County Probation Department (SDCP)
13. San Diego County District Attorney’s Office (SDCDA)

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

ARJIS EX OFFICIO MEMBER AGENCIES
EACH AGENCY HAS ADOPTED THE ARJIS DATA SHARING MOU

- 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 - Bureau of Investigation
- California Highway Patrol
- City of Del Mar/Park Ranger
- San Diego District Attorney-Computer & Technology Crime High-Tech Response Team
- Donovan Correctional-R.J. Donovan Correctional Facility
- Imperial County - Law Enforcement Coordination Center
- Metropolitan Transit Service
- Mira Costa College Police Department
- Palomar College Police Department
- Regional Auto Theft Task Force
- San Diego City Schools Police Department
- San Diego County Law Enforcement Coordination Center
- San Diego State University - Department of Public Safety
- Southwestern College Police Department
- United States Bureau of Alcohol, Tobacco, Firearms
- United States Department of State
- United States Department of Veterans Affairs
- United States DHS: Customs & Border Protection - Office of Border Patrol
- United States DHS: CBP: Customs & Border Protection - Office of Field Operations
- United States DHS: Homeland Security Investigations
- United States Federal Bureau of Investigation
- FBI - Carlsbad, CE1, CE2, El Centro (Imperial County), LECC, and San Diego
- United States Federal Probation
- United States Fish & Wildlife Service
- United States Internal Revenue Service
- United States Marine Corps-Camp Pendleton Provost Marshal & Miramar Provost Marshal
- United States Marine Corps Recruiting Station
- United States Marshal Service
- United States Naval Consolidated Brig – Miramar
- United States Naval Criminal Investigative Service - 32nd Street San Diego and Camp Pendleton
- United States Office of Personnel Management
- United States Pretrial
- United States Social Security Administration- Office of Inspector General
- University of California – San Diego (UCSD Police Department)
- United States Pretrial
- United States Social Security Administration- Office of Inspector General
- University of California – San Diego (UCSD Police Department)
ARJIS INCIDENT DATA 2016 - 2019

ARJIS Records Purge
ARJIS staff automated purge procedures in 2019 to ensure that ARJIS databases contain the most accurate, relevant and up-to-date records.

ARJIS now contains records from the last seven years, except for specific types which require shorter/longer retention periods.
**INCIDENT TYPES ADDED TO ARJIS IN 2019**

<table>
<thead>
<tr>
<th>Incident Type</th>
<th>Records</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervision</td>
<td>16,233</td>
</tr>
<tr>
<td>Traffic Accidents</td>
<td>19,563</td>
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<tr>
<td>Officer Notifications</td>
<td>29,577</td>
</tr>
<tr>
<td>Field Interviews</td>
<td>74,823</td>
</tr>
<tr>
<td>Bookings (Jail)</td>
<td>88,929</td>
</tr>
<tr>
<td>Arrests &amp; Detentions</td>
<td>102,511</td>
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<tr>
<td>Citations*</td>
<td>201,692</td>
</tr>
<tr>
<td>Crime Cases</td>
<td>228,643</td>
</tr>
<tr>
<td>CAD (911) Calls*</td>
<td>711,184</td>
</tr>
</tbody>
</table>

*CAD Data from only 4 agencies and some historical citations still missing from Court.

Crime case, Arrest, Officer Notification, & Traffic Accident records increased from 2018 to 2019

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**REGIONAL DATA VALIDATION**

**ARJIS supports & validates data from 50+interfaces**

Coronado enters: BLK CAM

El Cajon enters: BK CAMRY

Regional: Black Camry

District Attorney enters: BLAK CAMY

Vehicle color: 38 validation fields
Vehicle model: 1,852 validation fields

ARJIS maintains 200 validation tables & 156,000+ fields & provides them to member agencies for use in agency specific systems.
Benefits of ARJIS data sharing

- ARJIS supports & administers Cognos
- Allows agencies to build reports and drill down on trends
- Used for Uniform Crime Reporting (UCR) to the State and FBI
- Users also created 6,319 custom queries to explore crime trends, traffic accidents, theft, narcotics and many other data points
- Created NIBRS Reporting Database for federal crime reporting

Statistical reporting

<table>
<thead>
<tr>
<th>21,040 custom queries &amp; reports created in Cognos 2016 – 2019</th>
</tr>
</thead>
</table>
NATIONAL INCIDENT BASED REPORTING SYSTEM (NIBRS)

APPLICATIONS & SERVICES

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.)

FBI ACCEPTANCE RATE OF NIBRS INCIDENTS BY AGENCY DECEMBER 2019

- #1 REGION IN CA FOR NIBRS TRANSITION

LA MESA: 98%
SAN DIEGO: 97%
SHERIFF: 97%
ESCONDIDO: 97%
EL CAJON: 97%
HARBOR POLICE: 97%
CHULA VISTA: 95%
CARLSBAD: 96%
NATIONAL CITY: 96%
OCEANSIDE: 96%
REGIONAL TOTAL: 97%

Public Safety Committee Item 8 | May 15, 2020
Network Infrastructure & Support

How Does ARJIS Connect & Support Agencies?

ARJIS Infrastructure Accomplishments

- Upgraded anti-virus and malware software on ARJIS servers and PC’s
- Implemented new encryption policies for sharing data with member agencies
- Completed network upgrade & initiated re-design
  - Upgraded circuits to Metro-Ethernet (on demand) which increased bandwidth for faster connectivity
  - Procured and installed equipment (circuits, routers, and switches)
  - Coordinated with each agency’s technical, management and facilities teams, AT&T and other vendors
  - Initiated network vulnerability assessment with Nlets
**ARJIS HELP DESK & SERVICE LOG IN 2019**

**NETWORK INFRASTRUCTURE & SUPPORT**

- **OPERATIONAL SUPPORT**
  ARJIS staff provided 24/7/365 network and system support

- **HELP DESK TICKETS IN 2019**
  ARJIS staff resolved 503 help desk tickets

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

- **ARJIS DEPLOYMENTS IN 2019**
  ARJIS staff deployed 172 unique upgrades and performance enhancements

**APPLICATIONS & SERVICES**

**HOW DO USERS ACCESS THE DATA?**
ARJIS LAW ENFORCEMENT WEB-PORTAL IN 2019

‘ONE STOP SHOP’ FOR ACCESS TO LAW ENFORCEMENT APPLICATIONS

TOTAL PAGE VIEWS : 2,752,544

AVERAGE PAGE VIEWS PER DAY: 7,541

UNIQUE VISITORS PER DAY: 391

“ARJIS allowed me to put my wanted suspect on the home page, I was immediately successful in getting him in custody! A patrol officer from another agency saw the post and found the suspect and notified me immediately.”

- Detective, San Diego Police Department

ARJIS DESKTOP APPLICATIONS IN 2019

APPLICATIONS & SERVICES

SRFERS - TACTICAL
2019 Queries: 522,594
2018 Queries: 415,148

COPLINK - INVESTIGATIVE
2019 Queries: 566,121
2018 Queries: 612,647

EQUERY - QUALITY CONTROL
2019 Queries: 348,618
2018 Queries: 351,665

MAPPING DASHBOARD – CRIME ANALYSIS
2019 Queries: 7,133
2018 Queries: 6,897

COGNOS — STATISTICAL ANALYSIS
2019 Queries/Reports: 6,319
2018 Queries/Reports: 5,752

OFFICER NOTIFICATION SYSTEM — REAL TIME ALERTING
2019 Records Added: 29,577
2018 Records Added: 22,151
ARJIS BE ON THE LOOKOUT NOTICES IN 2019
APPLICATIONS & SERVICES

13 EMAIL DISTRIBUTION LISTS
For distributing officer safety alerts and case inquiries throughout the San Diego region

14,334 SUBSCRIBERS
From law enforcement agencies across San Diego County

593 more BOLOs distributed than in 2018

4,124 BOLO BULLETINS
Sent to subscribers

“Within three days of sending out a BOLO through the ARJIS distribution list I was able to locate my suspect, his gun and his vehicle. The suspect was wanted on a $175,000 felony warrant for robbery at gun point!”

– Detective, San Diego Police Department

ARJIS MOBILE

1200+ DEVICES
10+ APPLICATIONS
30+ AGENCIES
24/7 SUPPORT

ARJIS implemented enhanced security protocols in 2019

Staff manually configured 1,000+ devices

750+ devices were procured via the ARJIS Verizon contract
ARJIS MOBILE APPLICATIONS IN 2019
APPLICATIONS & SERVICES

**COPLINK MOBILE**
2019 Queries: 14,295
2018 Queries: 12,759

**SRFERS MOBILE**
2019 Queries: 370,289
2018 Queries: 250,349

ARJIS MOBILE SUCCESS STORY
"On Sunday we came in for a DUI saturation patrol. Our entire network was down on the PD side. We had no computer function / access. Dispatch was unable to run anything or issue case numbers. They wanted to tell me the ‘bad news’ but I just gave them an ARJIS phone and let all the field units know they could still use their phones inquiries. Good stuff!"
- Lieutenant, Escondido Police Department

ARJIS TRAINING PROGRAM IN 2019
APPLICATIONS & SERVICES

**DESKTOP TRAINING**
Users: 399
Agencies: 36
Classes: 33

**MOBILE TRAINING**
Users: 461
Agencies: 26
Classes: 148

"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 WEB PORTAL & APPLICATIONS IN 2019

APPLICATIONS & SERVICES

The ARJIS Public Web Portal includes the Crimemapping and CrimeStats applications.

TOTAL PAGE VIEWS: 168,882
AVERAGE PAGE VIEWS PER DAY: 463
CRIMESTATS QUERIES: 39,109
CRIMEMAPPING SUBSCRIBERS: 22,859

arjis.org

GRAFFITI TRACKER IN 2019

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: 77,292
PHOTO UPLOAD SOURCES: 24 PARTICIPATING AGENCIES
“We received three tips within 20 minutes of posting a bank robbery bulletin on ARJIS!”
- Special Agent, Federal Bureau of Investigations

“I would like to thank ARJIS for help in identifying and arresting two suspects in a recent armed robbery! ARJIS tools allowed us to collaborate with our neighboring agency, San Diego Police Department, and the region to make this a success.”
- Detective, Chula Vista Police Department
CRIMINAL JUSTICE RESEARCH DIVISION
FY 2021 Budget

CJRD Proposed FY 2021 Budget

$1,420,668 Total Funding

$233,274 Clearinghouse
$135,963 SAM
$479,796 Adult Projects
$571,635 Juvenile Projects
Criminal Justice Clearinghouse

- Collection, verification, and analysis of crime data
- Support local tasks forces and commissions
- Produce 12 CJ Flashes and 9 CJ Bulletins/In Briefs annually
- Analyze data from the only objective measure of drug use in nation
- Staff support for Public Safety Committee
- Presentations to local groups on key issues
- Prepare grant proposals in cooperation with local partners
  (Bring in $4 for every $1 Clearinghouse funds)

Clearinghouse Data Purpose

- Ability to work closely with ARJIS, track crime trends, and changing measures of success
- Analysis of the only objective measure of drug use in the country
- Work with partners to objectively measure what is otherwise only known anecdotally
- Provide standardized regional information for planning purposes
- Responsive to needs for new information with changing policies
- Staff with background checks to conduct criminal justice evaluations and knowledge of local databases
SAM (Substance Abuse Monitoring)

- Description: Only objective measure of drug use from risky population; platform for other research; interview adults and juveniles at 4 facilities twice a year
- Funding:
  - HIDTA
  - County of San Diego
  - Member Assessments
- Expenses:
  - Staffing
  - Drug testing
  - Mileage
  - Sheriff’s Department for security

Questions Added in 2020

- Human trafficking
- Addiction to prescription drugs after legitimate use
- Counterfeit pills
- Youth vaping (gotten sick, where obtained it)
Fiscal Year 2021 Priorities

- Continue to track crime and other statistics in light of legislative and other public safety changes
- Work with ARJIS in transitioning to NIBRS reporting
- Seek grant funding to answer timely public safety questions
- Provide relevant timely information to our stakeholders with easy-to-understand outreach
- Continue to serve on working groups and other committees to provide timely and accurate regional information
- Contribute to other department goals and initiatives to further the SANDAG mission
FY 2021 PRIORITIES
KEY INITIATIVES AND ENHANCEMENTS

- Update incident response plan and regional policies
- Complete transition to the National Incident Based Reporting System and new public website
  - Develop a regional communications and outreach strategy
- Cost model assessment including a
  - Possible membership restructure
- Implement results from the network vulnerability assessment conducted in FY20
- Network redesign for enhanced security
FY 2020 BUDGET

MEMBER AGENCY FEES

- Core Member Agencies fees remains unchanged
- Member affiliates fees unchanged
  - City Attorney and Mission Bay Harbor Police
    - Pay only user and connectivity fees
  - Contract Cities only pay JPA
    - Del Mar, Encinitas, Imperial Beach, Lemon Grove, Poway, San Marcos, Santee, Solana Beach, Vista
- Ex-officios
  - Annual fee adjustments based on consumer price index (CPI)
  - FY2021 increase of 3.24% for San Diego County
- TOTAL: $7,353,404

FY2020 BUDGET CATEGORIES

- GRANTS $1,370,438
- NEW TOOLS $1,037,119
- ADMINISTRATION $1,160,420
- MAINTENANCE $1,570,118
- INFRASTRUCTURE $2,215,309
- TOTAL: $7,353,404
INFRASCTURE
TOTAL: $2,215,309

SECURITY
- Firewall and intrusion monitoring
- Antivirus software
- Compliance with FBI CJIS and CAL-DOJ security policies

SYSTEM ADMINISTRATION
- Monitor 165+ servers
- Maintain 170 terabytes of data storage
- Disaster recovery and back up

NETWORK
- Network includes circuits and routers for 60+ sites
- 24/7 monitoring tools
- Security, stability, redundancy
“We identified a theft ring with a long history of activity & accessed their criminal history within minutes. Without the ARJIS phone, we would not have been able to ID these people without contacting several agencies and taking several days of work.”
MAINTENANCE
TOTAL: $1,570,118

MAINTENANCE & SUPPORT

- Data Center and hosting services
- Maintain 50+ interfaces
  - Agency Records Management Systems, Probation, Courts, traffic accidents, Cal-DOJ
- Monitor database performance space and reliability
- Support 165+ virtual and physical servers
- GIS & Mapping support
- Application development team
- Help Desk – resolved 503 trouble tickets in 2019
MAINTENANCE & SUPPORT

APPLICATION SUPPORT

- In-house application development and support:
  - SRFERS, ONS, eQuery, Data entry, Geo22, Security Center, public crime stats
  - Cost savings: ARJIS implements changes upon agency request – 172 enhancements implemented in 2019

- Software licenses & upgrades:
  - Coplink, i2, Cognos & ARM, Mapping Dashboard, ARJIS law enforcement and public portal & BOLOs
  - License fees shared by 80 agencies; significant economies of scale
  - Coplink - $64,000 annual fee/60+ agencies = approx. $1,000 per agency

“"No single commercial product is as robust or fluid to agencies’ needs as the suite of ARJIS applications and tools. Through these tools analysts and officers across the region can more quickly and efficiently identify suspects, link cases in crime series, and communicate with other agencies.”
– Crime Analyst, LMPD

ADMINISTRATION

TOTAL: $1,160,420
ADMINISTRATION

- Policy Advisory Committee support
- Finance, budgeting, accounts payable and receivables, audits
- Legal and public records request
- Operations: rent, phones, salaries, and supplies
- Help desk, user support, and weekly service logs
- Grant administration
- Contract execution and interagency agreements
- Executive oversight
- Personnel and recruitment

NEW TOOLS & GRANTS

$1,037,119/$1,370,438
Grants

National incident based reporting system (NIBRS) Transition

Regional cost saving 6 months (.5 FTE) x 11 agencies = 5.5 FTE

<table>
<thead>
<tr>
<th>Resources required without ARJIS</th>
<th>What is ARJIS staff providing?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secure connection to FBI &amp; CAL-DOJ</td>
<td>Network engineer, server(s), certificates, firewall One secure ARJISnet connection established for the region</td>
</tr>
<tr>
<td>NIBRS compliant certificate</td>
<td>Each agency submits records for a minimum of 6 months One certificate for the entire region ARJIS staff completes the testing</td>
</tr>
<tr>
<td>Conform to data content &amp; NIBRS business rules</td>
<td>Changes to records management systems to capture all business rules (e.g. relationships to property) Regional rules implemented for all agencies regardless of records management system</td>
</tr>
<tr>
<td>Convert data to required message format for submission to FBI/CAL-DOJ</td>
<td>Create programming language to convert data from record management systems Regional programming language developed for all NIBRS interfaces</td>
</tr>
</tbody>
</table>

New tools and grants

Desktop applications

- SRFERS and ONS version 2.0
  - Generate ONS from SRFERS results for real time alerting
  - New business rules and associated policy for ONS created
  - New SRFERS data sources & mapping

- Public Crime Statistics
  - NIBRS will enhance access to regional data
  - Assist with PRAs
  - Enhanced public mapping
NEW TOOLS AND GRANTS

MOBILE

- Desktop experience pilot
- Smartwatches
- Enhanced security protocols
- Fingerprint readers
- Situational awareness and location based services tools

REGIONAL COST SAVINGS

- Economies of scale with pooled resources
- Shared enterprise licenses and procurements
- ARJS averages of $1M annually in grant funding
- Developing metrics to assess return on investment