CRIMINAL JUSTICE RESEARCH DIVISION

FY 2020 Budget

CJRD Proposed FY 2019-20 Budget

$1,128,073 Total Funding

- Clearinghouse: $225,953
- SAM: $135,963
- Adult Projects: $387,958
- Juvenile Projects: $378,199
### Criminal Justice Clearinghouse

- Collection, verification, and analysis of crime data
- Support local tasks forces and commissions
- Produce 12 CJ Flashes and nine CJ Bulletins/In Briefs annually
- Analyze data from 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)

### Purpose of Clearinghouse Data

- Ability to work closely with ARJIS and 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 Being Added in 2019

- Vaping
- Transporting drugs
- Naloxone
- Use of dark web and electronic payments
- Psychotic episodes following drug use
Adult Projects

- Prop 47: $136,333
- SMART STAR: $244,988
- Human Trafficking: $6,637

Juvenile Projects

- JJCPA: $132,113
- RRED: $81,876
- CalVIP: $24,415
- CAT+: $37,028
- CVPN: $38,425
- SDPN: $64,342
Fiscal Year 2019-20 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 in easy-to-understand ways
- Continue to serve on working groups and other committees that need timely and accurate regional information
- Contribute to other department goals and initiatives to further the SANDAG mission
ARJIS FY 2020 BUDGET
SANDAG PUBLIC SAFETY COMMITTEE
MAY 17, 2019

FY 2020 PRIORITIES
KEY INITIATIVES AND ENHANCEMENTS

- NEW APPLICATIONS & PUBLIC CRIME STATS WEBSITE
- NATIONAL INCIDENT REPORTING SYSTEM (NIBRS)
- COMPLETE NETWORK UPGRADE
- DESKTOP EXPERIENCE & ECITATIONS
- NEW INTERFACES
- STRATEGIC & INCIDENT RESPONSE PLANS
FY 2020 BUDGET
MEMBER AGENCY FEES

- Core Member Agencies fees remains unchanged
- Member affiliates fees unchanged
  - City Attorney, District Attorney, Probation, and Mission Bay Harbor Police
    - Pay user and connectivity fees
  - Contract Cities pay JPA fees
    - Del Mar, Encinitas, Imperial Beach, Lemon Grove, Poway, San Marcos, Santee, Solana Beach, and Vista
- Ex-officios
  - Annual fee adjustments based on Consumer Price Index (CPI)
  - FY 2020 increase of 2.89% for San Diego County
- TOTAL: $6,712,374

FY 2020 BUDGET CATEGORIES

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
<th>Amount</th>
<th>OW#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance</td>
<td>19%</td>
<td>$1,303,990</td>
<td>73501</td>
</tr>
<tr>
<td>Administration</td>
<td>20%</td>
<td>$1,347,127</td>
<td>73502</td>
</tr>
<tr>
<td>Enterprise</td>
<td>31%</td>
<td>$1,051,257</td>
<td>73503</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>16%</td>
<td>$2,095,245</td>
<td>73520</td>
</tr>
<tr>
<td>Grants</td>
<td>14%</td>
<td>$914,755</td>
<td>73523, 73524, 73520, 73526</td>
</tr>
</tbody>
</table>

TOTAL: $6,712,374
MAINTENANCE
TOTAL: $1,303,990
OWP #: 73501

MAINTENANCE & SUPPORT

- Data Center and hosting services
  - 10 year contract
- Maintain 50+ interfaces
  - Agencies records management systems, Probation, CAD 911, traffic accidents
- Monitor database performance space and reliability
- Data validation and standardization
- Support 165+ virtual and physical servers
- GIS & Mapping support
- Application development team
MAINTENANCE & SUPPORT

APPLICATION SUPPORT

- In-house application development and support:
  - SRFERS, ONS, eQuery, Data Entry, Geo22, Security Center, Public Crime Stats
  - ARJIS implements changes upon agency request: 173 enhancements implemented in 2018

- Software licenses & upgrades:
  - Coplink, i2, Cognos & ARM, Mapping Dashboard, Crimemapping.com, ARJIS law enforcement and public portal & BOLOs
  - License fees shared by 60 agencies; significant economies of scale

“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: $1,347,127
OWP #: 73502
ADMINISTRATION

- Policy Advisory Committee support
- Finance, budgeting, accounts payable & receivables, and audits
- Legal and public records requests
- Operations: rent, phones, salaries, and supplies
- 24/7 help desk support, training, weekly service logs
- Regional policy development
- Grant administration
- Contract execution and interagency agreements
- Executive oversight
- Personnel & recruitment

INFRASTRUCTURE

TOTAL: $2,095,245

OWP#: 73520
INFRASTRUCTURE

SECURITY
- Firewall & intrusion monitoring
- Antivirus software
- Routine operating system and server patching

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

NETWORK
- Network includes circuits and routers for 60+ sites
- 24/7 monitoring tools
- Secure, stable, redundant

ARJIS NETWORK – REGIONAL PUBLIC SAFETY BACKBONE
ARJISNET NETWORK CONNECTS MEMBER AGENCIES & PROVIDES ACCESS TO CALDOJ, SHERIFF, AND ARJIS DATA
ARJIS MOBILE
MULTI-FACETED PROGRAM

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

“Officer used ARJIS Mobile to ID the suspect, who had assaulted a bus driver and sexually assaulted a passenger. He had absconded 18 months earlier and was a registered sex offender with two prior felony convictions for child molestation.”
### Enterprise ARJIS & Grants

**NIBRS Transition**

<table>
<thead>
<tr>
<th></th>
<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</td>
<td>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</td>
<td>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)</td>
<td>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</td>
<td>Regional programming language developed for all NIBRS interfaces</td>
</tr>
</tbody>
</table>
ENTERPRISE ARJIS & GRANTS

DESKTOP APPS

- SRFERS and ONS version 2.0
  - Real time alerts
  - New SRFERS data sources & mapping
  - Advanced functionality

- Public Crime Statistics
  - NIBRS will enhance access to regional data
  - Assist with public records requests
  - Enhanced public mapping

ENTERPRISE ARJIS & GRANTS

MOBILE APPS

- Desktop experience pilot
- Regional Citations
- Connected officer expansion & smartwatches
- Enhance security and applications
- Regional training
REGIONAL COST SAVINGS

- Economies of scale with pooled resources
- Shared enterprise licenses and procurements
- ARJIS averages of $1M annually in grant funding
- Business case by independent consultant: Annual Savings = $13,871,167 or 213 FTEs
- Produce metrics to demonstrate return on investment

THANK YOU FOR SUPPORTING THE ARJIS TEAM!
Information Presented

• 2018 crime rates per 1,000 population and number of crimes

• FBI Index Part I crimes:
  • Violent: Homicide, Rape, Robbery, and Aggravated Assault
  • Property: Burglary, Larceny, and Vehicle Theft

• Region and local jurisdictions

• Comparisons to national rates
Limitations to Current Crime Data

- Not all crime reported to law enforcement
  - 45% of violent crime, 36% of property
- Identity theft statistics not included
- “Porch pirates” and “Nextdoor reporting”
- Mistrust of law enforcement
- Apathy that reporting won’t make a difference, especially post-Prop 47

In 2018, Around 31 Violent Crimes Were Reported Per Day in the County

- 11,381 Total
- 7,163 Aggravated Assaults
- 87 Homicides
- 2,970 Robberies
- 1,161 Rapes
8 Jurisdictions More Violent Crime in 2018, 8 Fewer

San Diego, National City, San Marcos, Chula Vista, Unincorporated, Encinitas, Poway, El Cajon

La Mesa, Carlsbad, Oceanside, Escondido, Lemon Grove, Vista, Santee, Imperial Beach
Violent Crime Up for 3 of the 4 Categories

In 2018, 9 More Homicides Across the County in 2018, Compared to 2017
Region’s Violent Crime Rates Lower Than National Average in 2017

City of San Diego Compared to Other Largest U.S. Cities in 2017
Other Violent Crime Stats from 2018

<table>
<thead>
<tr>
<th>Category</th>
<th>Statistic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strong-arm robberies and aggravated assaults up from 2017 to 2018</td>
<td>Up 6% and 11%</td>
</tr>
<tr>
<td>Percentage of hate crimes motivated by race/ethnicity</td>
<td>54%</td>
</tr>
<tr>
<td># of domestic violence incidents reported per day on average</td>
<td>48</td>
</tr>
<tr>
<td>Violent crimes against seniors up 2014-2018</td>
<td>48%</td>
</tr>
</tbody>
</table>

NOTES: The San Diego region property crime rate for 2018 was 16.53. Crime rates are based on the FBI Index of property crimes which include burglary, larceny, and motor vehicle theft.
3 Jurisdictions More Property Crime in 2018, 16 Fewer

Santee, San Diego, Escondido

Unincorporated, Vista, National City, Coronado, El Cajon, Imperial Beach, Carlsbad, Oceanside, Chula Vista, San Marcos, La Mesa, Poway, Solana Beach, Encinitas, Del Mar, Lemon Grove

Nearly 155 Property Crimes Per Day in the San Diego Region in 2018

- 56,495 Total
- 38,642 Larcenies
- 8,267 Burglaries
- 9,586 Motor Vehicle Thefts
Property Crime Down in 2 of 3 Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage Change 2017-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>-1%</td>
</tr>
<tr>
<td>Burglary</td>
<td>-9%</td>
</tr>
<tr>
<td>Larceny</td>
<td>2%</td>
</tr>
<tr>
<td>MV Theft</td>
<td>-1%</td>
</tr>
</tbody>
</table>

Number of Reported Burglaries Down Considerably Over Past 39 Years
Variation in Types of Larcenies and Change Over Time

Regional Property Crime Rate Lower Than National Average in 2017
City of San Diego Compared to Other Largest U.S. Cities in 2017

Property Crime Rate Per 1,000

- New York: 14.5
- San Diego: 18.8
- San Jose: 24.4
- Los Angeles: 25.4
- Philadelphia: 30.6
- Dallas: 31.9
- Chicago: 32.6
- Phoenix: 36.7
- Houston: 41.3
- San Antonio: 48.5

Other Property Crime Stats from 2018

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value of property reported stolen per day</td>
<td>Almost $500,000</td>
</tr>
<tr>
<td>Percentage of stolen property that represents motor vehicles</td>
<td>49%</td>
</tr>
<tr>
<td>Percentage of recovered property that represents motor vehicles</td>
<td>91%</td>
</tr>
<tr>
<td>Percentage of property recovered overall</td>
<td>31%</td>
</tr>
</tbody>
</table>
Crime in San Diego County
1980 – 2018

May 2019