Iowa Department of Human Rights
Division of Criminal and Juvenile Justice Planning

Criminal Justice Information System (CJIS)
and
Justice Data Warehouse (JDW)
Budget Presentations

To

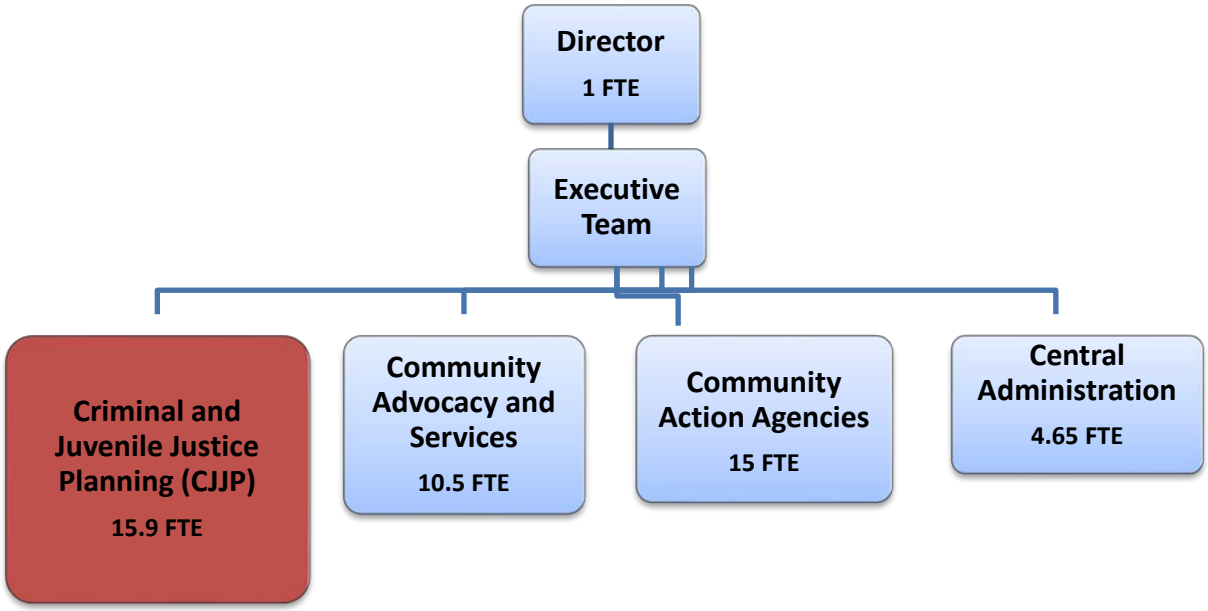
Transportation and Infrastructure Appropriations Subcommittee

January 27, 2015

Presented by:

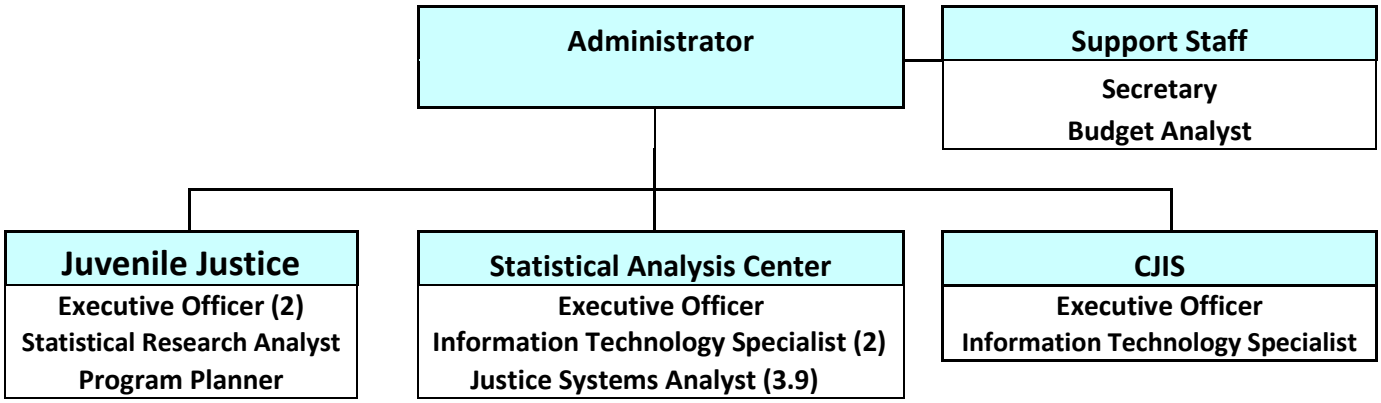
Steve Michael, Division Administrator
Laura Roeder-Grubb, Information Technology Specialist
Keith Kreiman, CJIS Coordinator

Iowa Department of Human Rights
Table of Organization



CJJP was placed in the Department of Human Rights when the Department was established in 1987. This placement was intended to ensure neutrality and independence from operational justice system agencies in conducting research and evaluation activities.

Division of Criminal and Juvenile Justice Planning
Table of Organization



JUSTICE DATA WAREHOUSE

The overall mission of the Justice Data Warehouse (JDW) is to provide the Judicial, Legislative and Executive branches of State government and other entities, with improved statistical and decision support information pertaining to justice system activities.

The JDW is "mission critical" to CJJP and the Department of Corrections (DOC) functions. Examples of how the data is used include:

- Demonstrating effectiveness of treatment services by measuring recidivism reductions by offenders.
- Risk reduction strategies
- Prison population forecast
- Foster care notifications
- Child welfare performance measures
- Department of Transportation (DOT) crash analysis
- Correctional impact statements for proposed legislation
- Variety of reports

CJJP has also been able to partner with the University of Iowa, Public Defender, and others on various projects regarding criminal and juvenile justice.

The Iowa Department of Revenue (IDR) and CJJP have shared a Teradata platform since 1999, referred to as the enterprise data warehouse (EDW). In 2012, a new Teradata 560 was purchased that will provide continued use for the next 4 – 6 years.

The two agencies have been successful in their various applications, with IDR generating millions of dollars to the General Fund each year with their Tax Gap Analysis, including over $30 million in 2012.

Date of Project Completion or Estimated Completion

The JDW is expected to be an ongoing project for the foreseeable future. There will continue to be a need to gather and query the new data. Maintaining the JDW will require periodic hardware and software updates along with maintenance costs.

FY16 Justice Data Warehouse (JDW) Budget Request

Updated costs (sharing system with IDR (Revenue))
Procurement of new Teradata server, software and maintenance

Description	Costs
JDW Operational Costs	
*Contracted Services	$ 45,000.00
Hardware/ Software/Maintenance	$ 93,624.00
ITE Hosting	$ 20,850.00
Total Recurring Operational Costs	$ 159,474.00
Total FY 16 JDW Budget Request	**$ 159,474.00**

* CJJP hopes to migrate to Business Objects 4.1 in FY16. The current version, 3.1, has been in place since 2009 and there is a number of features and functionality in 4.1 that would enhance the JDW performance. The estimated cost is $45,000. This is a service that would be contracted to an outside vendor for completion of the migration services.

FY17 Justice Data Warehouse (JDW) Budget Request

Operational costs

Description	Costs
JDW Operational Costs	
Hardware/ Software/Maintenance	$ 97,130.00
ITE Hosting	$ 20,850.00
Total Recurring Operational Costs	$ 117,980.00
Total FY 17 JDW Budget Request	**$ 117,980.00**

Criminal Justice Information System (CJIS) Integration

The goal of the project is to enter criminal justice data once, and then share the data automatically with other criminal justice agencies.

CJIS continues to develop a seamless, real-time, electronic information sharing "system of systems" for members of the criminal justice community in Iowa.

Iowa's CJIS Integration is a result of criminal justice systems needing the independent systems to share information in a timely, secure, accurate, and comprehensive manner.

Every county in Iowa receives benefits from the CJIS system as exchanges such as Electronic Citations, Electronic Complaint and Court Notice, Protection Order and Convictions and Revocations to DOT originate from or are received by the Judicial Branch's ICIS system.

However, some counties receive more benefit as they have connected to exchanges such as the Hearing Order, Victim Notification and OWI report exchanges. The Department of Public Safety (DPS) is served by exchanges that assist officers on the street and criminal investigators such as the DPS/ICON (Department of Corrections) exchange. DPS and DOC also use CJIS exchanges to update their sex offender registry lists and notify crime victims when there is a change in incarceration status. Exchanges also benefit the Attorney General's Office, the Secretary of State's Office, DNR, and county attorney offices across the state.

CJIS is continually expanding services to the Judicial Branch, State agencies, County Attorney offices and local law enforcement. The State's TraCS program is also expanding to new agencies which will increase the number of traffic citations and criminal complaints that are entered directly (through the CJIS ESB) into Judicial Branch databases.

Significant Accomplishments:

- The electronic exchange of real-time justice information is in process in more than 150 jurisdictions around the state (detailed information provided in the attached CJIS Infrastructure Report).
- CJIS-brokered information is now a part of the daily business process and workflow of the statewide court system and state and local criminal justice agencies and offices. On average, it takes approximately **three seconds** to

perform a round trip, electronic transmission of CJIS information for any given information exchange.

- Continue to expand current information exchanges to local jurisdictions and to implement new information exchanges.
- Iowa's CJIS system has received national awards for excellence and is a national leader in criminal justice information sharing.

CJIS Estimated Expenditures

Item	2015	2016	2017
Travel	7,500	7,500	7,500
Supplies	2,000	2,000	2,000
Communications	1,000	1,000	1,000
Outside Services	1,200,000	1,500,000	1,500,000
Reimbursements to Other Agencies	200,000	200,000	200,000
Information Technology	330,654	296,256	296,256
Equipment	260,130	160,130	160,130
Total	**2,001,284**	**2,166,886**	**2,166,886**

2015 expenditures include:

- Preparing a disaster recovery site operation in conjunction with the Department of Public Safety. The site will enable CJIS to continue services to its state and local criminal justice partners within one day of complete failure of the CJIS ESB due to natural disaster or other cause.
- Migration from the CJIS Oracle 10g ESB to the Oracle 11g ESB.

With both the 11g Oracle system and the disaster recovery site in operation in FY2015, costs for information technology and equipment will be greater than in some past years. The cost of outside services will also increase in future years. However, the "newness" of the system might keep the outside services increases to a minimum.

Date of Project Completion or Estimated Completion

CJIS is expected to be an ongoing project for the foreseeable future. It is expected that additional exchanges will continue to need to be developed to comply with federal regulations, changes in state laws, and needs of the Judicial Branch, Executive Branch, and local law enforcement agencies. Finally, there will remain a need to update hardware and maintain current software licenses as long as information continues to be exchanged using CJIS. In Iowa, when an exchange of criminal justice information is necessary, CJIS is explored as the first and most cost-effective option.