



CPPPR CENTER FOR PUBLIC
POLICY RESEARCH
UNIVERSITY OF CALIFORNIA, DAVIS

California Child Welfare Council Data Linkage and Information Sharing Committee

**Data Sharing Analysis
Draft Report
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Introduction to CPPR Project Staff

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CDSS Work Request on behalf of CWC to CPPR

In summary form, CDSS requested that CPPR:

1. Conduct an environmental scan to identify federal and state data reporting requirements and performance measurements from each of the departments represented on the Child Welfare Council that would mutually benefit and assist each other in meeting those requirements and measurements;
2. Research case management and data collection technology and capabilities in each agency or jurisdiction;
3. Research promising practices on both the aggregate and case levels where data sharing has been successful;
4. Conduct research to identify and inventory the data integration and information sharing barriers existing or perceived to exist between each of the departments represented on the Child Welfare Council;
5. Identify approaches and strategies that have been successfully implemented by other departments to overcome barriers to data integration and information sharing;
6. Produce a report outlining the findings and recommendations of the conducted research;
7. Present said findings to the Child Welfare Council.

RESEARCH PROJECT METHODS

Face-to-face and telephone interviews about data sharing with California State Agencies:

Department of Mental Health (DMH),
Administrative Office of the Courts (AOC),
Department of Education (CDE),
Department of Health Care Services (DHCS),
Department of Public Health (DPH),
Department of Alcohol and Drug Programs (ADP),
Department of Corrections and Rehabilitation (CDCR),
Department of Developmental Services (DDS).

Additional face to face and telephone interviews with the following jurisdictions identified as best practice sites:

Los Angeles County
Santa Clara County
San Mateo County
San Diego County
Allegheny County, Pennsylvania
State of Colorado
State of Florida
State of Utah

Our Goals for Today

- Present an overview of findings to date
- Discuss additional research needs relative to data sharing
- Share feedback, suggestions, and next steps

PRIMARY DATABASES

Medi-Cal Eligibility Data System

- **Monthly extract file provided to DMH by DHS**

Short-Doyle Medi-Cal Approved Claims

- **Claims data submitted to DMH for services provided by county mental health and contract providers**

Data Collection and Reporting System (DCR)

- **Individual data related to Full Service Partnerships through MHSA**

Web-based Data and Reporting System (WBDRS)

- **Performance measurement data collected through consumer surveys (i.e., Youth Services Survey for Families, Youth Services Survey, Mental Health Services Improvement Program Survey)**

Client and Service Information System (CSI)

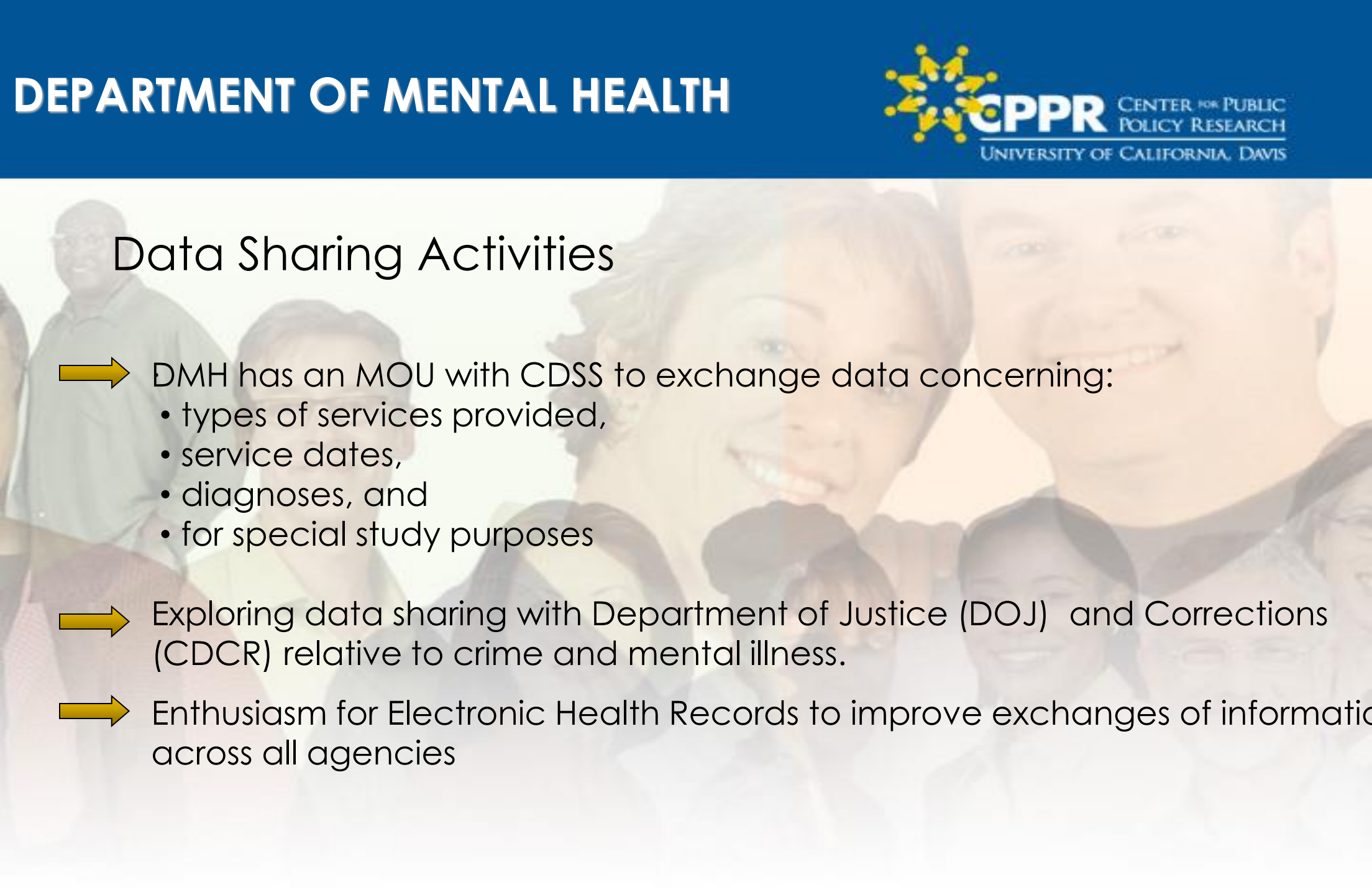
The CSI is a statistical information system that includes data on all persons served in county mental health programs in California. There are three types of records reported to CSI:

- Client records, which include client characteristic, such as date of birth, race/ethnicity, and language;
- Service records, which include information about the service encounter, such as date of service, type of service, and diagnosis; and
- Periodic records, which include types of client data that is collected less frequently, such as living situation and employment status.

Data Sharing Challenges:

- ➔ Lag in Medi-Cal billing system of up to one year.
- ➔ Variety of information systems in California county mental health agencies precludes data integration.
- ➔ DMH is a covered entity under HIPAA so all data sharing must adhere to these Federal protections.

Data Sharing Activities

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- ➔ DMH has an MOU with CDSS to exchange data concerning:
 - types of services provided,
 - service dates,
 - diagnoses, and
 - for special study purposes
 - ➔ Exploring data sharing with Department of Justice (DOJ) and Corrections (CDCR) relative to crime and mental illness.
 - ➔ Enthusiasm for Electronic Health Records to improve exchanges of information across all agencies

Data Sharing Challenges:

- ➔ W&I 827 and Rule of Court 5.552 regulate access to juvenile court files and may limit data sharing
- ➔ Courts are not covered entities under HIPAA and FERPA, but the Courts cannot issue standing orders to receive protected information.

Data Sharing Activities

- ➔ **CCMS** requires improvement in data sharing between courts and partners, such as:
 - CDSS
 - Child Support Services
 - Department of Justice
 - Local justice partners (e.g., probation, DA, public defender)
- ➔ Rule of Court 5.505 requires collection of data on timeliness, process, safety, permanence, and well-being (Jan 2009)

DEPARTMENT OF EDUCATION



CDE manages 125 data collections with the primary databases being the following:

California Longitudinal Pupil Achievement System (CALPADS)

Foundation of the K-12 system and will be fully functional in 2010. Data is linked individually and longitudinally using a unique identifier.

California Longitudinal Teacher Information Data Education System (CALTIDES)

Integrates teacher credentials data to CLAPADS and will be functional 2010-2011.

California School Information Services (CSIS)

Permits transfer of student records electronically between participating school districts.

California Basic Educational Data System (CBEDS)

Contains data about basic student and staff information (i.e., enrollment, graduation, dropouts) and is collected annually.

California Special Education Management Information System (CASEMIS)

Information reporting and retrieving for special education.

DataQuest

Dynamic relational public information system that provides summary reports for aggregate data (e.g., state, county, school district)

Data Sharing Challenges:

- ➔ FERPA limits sharing of student data between agencies and is not consistently interpreted across school districts.
- ➔ Foster care liaisons across school districts report varying level of access to CWS data.
- ➔ Local capacity of data entry and management affects integrity of statewide data.

Data Sharing Activities

- ➔ MOU with CDSS for Direct Certification for free and reduced lunch program through USDA.
- ➔ Interested in early identification of foster care students to better address educational needs

DEPARTMENT OF HEALTH CARE SERVICES



Operates a centralized data warehouse developed by Bull Services with Teradata software. It provides public policy maker access to large scale data elements.

Bull System converts flat (including Word) files into relational data via an identifier (Medi-Cal's CIN). It can explore available data fields and pull relevant information about benefits provided an individual.

Data Sharing Challenges:

- ➔ With the power of the Bull System to access information, security has been heightened and access limited for privacy protection.
- ➔ Agency is now behind on claims data due to transition to new system.
- ➔ Data validity and reliability due to inconsistent coding practices for Medi-Cal providers.

Data Sharing Activities

- ➔ In May 2008, provided report on Medi-Cal services for foster care.
- ➔ Created a new request process for data access and Business Associates Agreements.
- ➔ Currently sharing some with DDS but would like formal agreement

Data derived from legal forms – i.e., birth certificates, death certificates.

More than 100 datasets serving over 300 programs.

Data Sharing Challenges:

- ➔ No consolidation of datasets into one repository.
- ➔ Health and Safety Code has specific restrictions for each data source.
- ➔ Data derived from legal forms not set up for data sharing.

Data Sharing Activities

- ➔ Only sharing agreement is with Office of Statewide Health Planning and Development (OSHPD), which links birth and death data.
- ➔ Is interested in being part of a health information exchange group and sharing longitudinal data.

DEPARTMENT OF ALCOHOL AND DRUG PROGRAMS



PRIMARY DATA SYSTEMS

California Outcomes Measurement System (CalOMS)

Unified data set that serves multiple state and federal requirements for data reporting.

Unique Client Identifier (UCI)

Set of 13 client demographic data elements.

Treatment Episode Data Set (TEDS)

Federal required data regarding public funded client admissions and discharges.

National Outcome Measures (NOM)

Federal outcome reporting relative to Substance Abuse Prevention and Treatment (SAPT) block grant.

Minimum Treatment Outcome Questions (MTOQ)

Measurement of various client life domains: i.e., drug use, employment, medical services, psychological health.

Data Sharing Challenges:

- ➔ Confidentiality laws - HIPAA and CFR 42, Part 2, with specific protections for alcohol and drug abuse patients.
- ➔ Collects only data from publicly funded programs.

Data Sharing Activities

- ➔ Data sharing agreement with UCLA for Substance Abuse Crime Prevention Act (SACPA) evaluation.
- ➔ MOU with Rand Corporation to examine financial decisions made by ADP patients.
- ➔ Sees benefits in sharing Medi-Cal billing data across agencies.

DEPARTMENT OF CORRECTIONS AND REHABILITATION



DIVISION OF JUVENILE JUSTICE DATA SYSTEMS

Offender-Based Tracking System (OBITS)

Legacy mainframe system related to ward's commitment time.

Ward Information Network (WIN)

Custom application for DJJ to track information about stays in institutions.

Young Offender database Application (YODA)

Parole planning and general information for individual parolees.

Violence Risk Classification Database (VRC)

Information about ward's risk classification.

Sex Offender referral Classification Database (SORD)

Information about ward's sexual offending risk.

Treatment Need Assessment Database (TNA)

Data regarding treatment needs (i.e., substance abuse, mental health).

Strategic Offender Management System (SOMS)

Being developed as a new platform for DJJ data and information.

Data Sharing Challenges:

- ➔ Juvenile offenders in institutions or on parole are a protected population regarding their data.
- ➔ Differing county practices “sealing” juvenile Court records.
- ➔ Reliability of data across counties varies.

Data Sharing Activities

- ➔ Has MOU with DOJ for adult arrest histories
- ➔ Very interested in sharing data with CDE, DMH, and CDSS

DEPARTMENT OF DEVELOPMENTAL SERVICES



PRIMARY DATA SYSTEMS

Purchase of Service System (POS)

Information on all services purchased for clients since 1987.

Vendor System

Vendor information for all DDS providers.

Client Master File (CMF)

Demographic information on clients.

Client Development Evaluation Report (CDER)

Information on diagnostic, developmental, and behavioral assessments on all active recipients over age three.


Early Start Reporting System (ESR)

Information on diagnostic, developmental, and behavioral assessments for clients under three.

Data Sharing Challenges:

- Lanterman Developmental Disabilities Act adds additional confidentiality protections.
- DDS has rich data sources but limited staff to evaluate the data

Data Sharing Activities

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- ➔ DDS has the following MOUs:
 - CDSS - Adoptions Assistance Program
 - DPH - Environmental Health Investigations and (in process) for DDS Risk assessments
 - DHCS – Newborn Hearing Screening
 - EDD – Tax Support Division
 - CDCR – Wards with disabilities (in process)
 - ➔ DDS is interested in participating in larger data sharing efforts.

DCFS Data Sharing Activities

- ➔ MOU signed between DCFS, Probation, Health Services, and Mental Health.
- ➔ W&I Code 827 permits access to certain types of information
- ➔ DCFS, DMH and DHS participate in “Family and Children’s Index” with 1.7M records

Data Sharing Activities - continued

- In 2006, Judge Nash ordered relevant data sharing for CWS children
W&I Code 827 permits access to certain types of information
- Educational rights per FERPA still needed to be assured

Data Sharing Activities

- ➔ San Diego Superior Court has local rules permitting data sharing
- ➔ Has specific Court orders for sharing of certain data with individual agencies
- ➔ Data sharing agreements for corrections and re-entry, including Business Associate Agreements for HIPAA

Data Sharing Activities

- ➔ Data sharing MOU between DCFS, Probation, Courts, and 3 school districts modeled after San Diego's MOUs
- ➔ County-wide data warehouse discontinued a few years back

Data Sharing Activities

- ➔ CFS has MOU with Mental Health and Probation to share aggregate data. MOU in progress with AOD – now a division in Mental Health.
- ➔ Has a data warehouse, but does not combine data across agencies.
- ➔ John Gardner Center will be matching CFS data with data in 3 school districts to assess academic outcomes.

Data Sharing Activities

- ➔ Everyone served by Allegheny County DHS has only one demographic record housed in their Master Client Index.
- ➔ Has a data warehouse, producing mostly aggregate data for research and reporting.

Data Sharing Activities

- ➔ Family Justice Information System (FAMJIS) offers at a glance information on all previous and current Court cases.
- ➔ The “child” rather than “the case” is at the center of the system.
- ➔ Supported by state legislation and Business Associate Agreements.

Data Sharing Activities

- ➔ Interested in well-being of youth “aging-out” of foster care.
- ➔ MOU for state to view educational records as legal guardian of child in foster care.
- ➔ Revealed weaknesses in a number of databases – even with MOUs, clients were hard to track across databases due to inconsistent data quality.

Data Sharing Activities

- ➔ National leader due to its Dept. of Education's creation of a single organization responsible for student-focused databases and "data exchange relationships."
- ➔ PK20 Education Data Warehouse with business rules and extensive internal and external review process for data releases.

Data Sharing Challenges

- ➔ Confidentiality and privacy – HIPAA, FERPA
- ➔ Insufficient funding and human resources
- ➔ Data quality
- ➔ Departmental silos

Data Sharing Strategies

- ➔ Re-conceptualize data sharing – client-oriented/case management and operations-oriented/performance management.
- ➔ Short-range goals – MOUs, court orders, business associates agreements. Some California counties provide short-range models.
- ➔ Long-range goals – state and county restructuring, creation of data warehouse, legal and statutory support (AOC, Colorado, Florida).

Central data source - data warehouse (like DHCS) to produce

Next Steps

- Additional interviews with California agencies
- Added focus on performance measures
- More distinction regarding individual vs. aggregate data
- Final report to CWC June 2009