2017 CHHS Data Expo: Project Descriptions

Innovative Usage of the Data Playbook

Congressional District Projects: The Agency and The California Department of Social Services (CDSS) long have desired to examine cross-program utilization by individual people and families, in order to illuminate the impacts of budget cuts and investments, better serve clients with coordinated programs, improve outreach and education, and improve program administration and effectiveness. Given new urgency in response to uncertainties at the federal level, the Department has used GIS tools to geocode participation in multiple programs to get at this information in an interactive way, and will be adding Medi-Cal and DDS programs as well. It's an exciting look at program utilization, and also can be used to educate legislators about the populations served by government in their districts

Data Playbook: Play 1 Defining Goals & Objectives

Child Welfare Digital Services (CWDS): CWDS maintains and operates the existing Child Welfare Services / Case Management System (CWS/CMS), including implementation of operational changes to that system. At the same time, in the context of the CWS – New System (CWS-NS) project, CWDS is developing a new technology platform and set of digital services that will be rolled out and trained incrementally over the next few years. These digital services will provide a more intuitive user experience and new capabilities not currently provided by the CWS/CMS, and several legacy systems currently used by Community Care Licensing, including the Field Automation System (FAS), and Licensing Information System (LIS).

Data Playbook: Play 2 Assess Tools & Capabilities

Reducing Child Poverty and Hunger: CDSS and the California Department of Publish Health (CDPH) together tackled the question of how many children are currently and should be dually enrolled in CalFresh and Women, Infants, and Children, two similar nutrition programs serving low-income populations. By sharing administrative data and utilizing existing CDSS analytical and GIS tools, we were able to identify and

locate over 350,000 children who could benefit from enrollment in an additional program.

Improving Vaccination Rates Among Pregnant Medi-Cal Beneficiaries: The goal of this project was to systematically collect data to inform policy and programmatic changes that support prenatal care providers in providing vaccines to pregnant women. The objectives of this use case Team were to 1.) identify and begin to address prenatal vaccination barriers for > 20 infants reported with pertussis since January 2016; 2.) prioritize state level policy, finance, and program changes to eliminate systemic barriers to prenatal Tetanus, Diphtheria, and Pertussis (Tdap) vaccination for Medi-Cal members; 3.) determine feasibility/impact of each change linked to the National Governors Association Action Plan, led by the Department of Health Care Services (DHCS); and 4.) implement the highest priority changes.

California's Primary Health Care Workforce: The Office of Statewide Health Planning and Development (OSHPD) use case sought to more thoroughly understand the supply and demand of the state's primary care workforce by developing a comprehensive database of healthcare providers, including location, hours, payer mix, and claims numbers. These data provide OSHPD a baseline tool for program review, analysis, and process improvement.

weCertify: Optimize Licensing and Certification (L&C) program performance through data, analytics, and digital services adoption in support of Retained Foreign Object (RFO) adverse event investigations.

Earned Income Tax Credit Outreach and Enrollment: Community Services and Development (CSD) will present on how it has used innovation to assess intersectionality with disparate organizational objectives in order to assess program delivery. The Department discuss how it has been able to engage departments outside of Agency in order to improve outcomes for participant priorities

Data Playbook: Play 3 Implement Plan & Strategy

California HIV Health Improvement Affinity Group: Evaluating HIV Viral Load Suppression Among HIV+ Medi-Cal Beneficiaries: This project, jointly sponsored by the Centers for Medicare & Medicaid Services (CMS)

and the Health Resources and Services Administration (HRSA) at the federal level and CDPH and DHCS at the state level, aims to improve health outcomes among Medi-Cal beneficiaries living with HIV. Under the auspices of the CHHS Data Exchange Agreement, we developed a Business Use Case Proposal to share data between DHCS and CDPH and then matched DHCS Medi-Cal data with CDPH Office of AIDS HIV surveillance data to determine the number of Medi-Cal beneficiaries living with HIV and to examine HIV viral load suppression in this population.

Department of Developmental Services Data Deidentification Guides: Play 03 in the Data Playbook is the transition from the theoretical to the tactical solution. As you move toward sharing the data there are questions about how you decide to share this data, the legal framework for sharing the data, and the steps we all must take to protect personal information and HIPAA-protected health information and reduce the risk of re-identifying individuals from seemingly anonymous aggregate data. Paul Choate will focus his presentation on the de-identification of data discussed in Play 03.

Data Playbook: Play 4 Evaluate Outcomes & Impacts

Department of State Hospitals (DSH) Incompetent to Stand Trial Waitlist: Over the last six years, California has seen a dramatic increase in the number of referrals for forensic psychiatric patient who have been deemed Incompetent to Stand Trial. Our project aimed to evaluate the impact on our State Hospital system, the waitlist for IST patients, and the impact the increase has had on levels of violence experienced by staff and patients in the nation's largest forensic state hospital system.

The Department of Managed Health Care (DMHC) Health Plan Dashboard: The DMHC Health Plan Dashboard is an online tool created to help consumers, stakeholders, reporters and interested parties locate health plan information and data related to regulatory oversight of health plans. The dashboard was designed to offer one-stop shopping for the public to review the wealth of information the DMHC collects on individual health plans, as well as a rolled up, industry-level analysis of enrollment, financial information, complaints, enforcement actions and additional data.

Emergency Medical Services Authority (EMSA) Health Information Exchange: This two-year grant project, funded by the Office of the National Coordinator for Health Information Technology, was designed to allow the secure, bidirectional exchange of electronic patient health information to improve transitions of patient care between ambulance paramedics and the hospital emergency department. The +EMS system (HIE for EMS for daily use) allows for SAFR (SEARCH, ALERT, FILE, RECONCILE) functionality in four local EMS areas in California. This model has been implemented in San Diego, Orange, Imperial, and San Bernardino counties, with several HIEs serving as hubs to exchange information from ambulance providers to hospitals—San Diego Health Connect, Orange County HIO (OCPRHIO), and Manifest MedEx. The use of real time health information to improve clinical decisions and increased interoperability between agencies and departments can serve to improve population health by collecting outcome data on emergency cases.

CalFresh Geomapping: In recent years, CDSS has utilized innovative data-mining tools to increase enrollment to its CalFresh program for likely eligible citizens. In particular, geocoding and geo-mapping CalFresh recipient data has allowed analyses of spatial patterns and the neighborhood characteristics of areas where nearly two million potentially eligible non-participants live. The Department used this locational analysis to explain patterns of CalFresh participation among diverse demographic and socioeconomic neighborhoods in 18 California counties. The process has resulted in improved and targeted outreach efforts in participating counties.

Data Playbook: Play 5 Share Progress & Results

Let's Get Healthy California: Let's Get Healthy California (LGHC) is a shared vision for the future health of Californians. It is a commitment across the Agency to become a healthier state through joint efforts in six project goals. LGHC happens through collective impact, sharing and inspiring ideas, and connecting people, stories, and data. Together we are tracking and driving progress to improve the health of our state.