

# Evolving CHHS Data Initiatives

## [Record Reconciliation & Research Data Hub]

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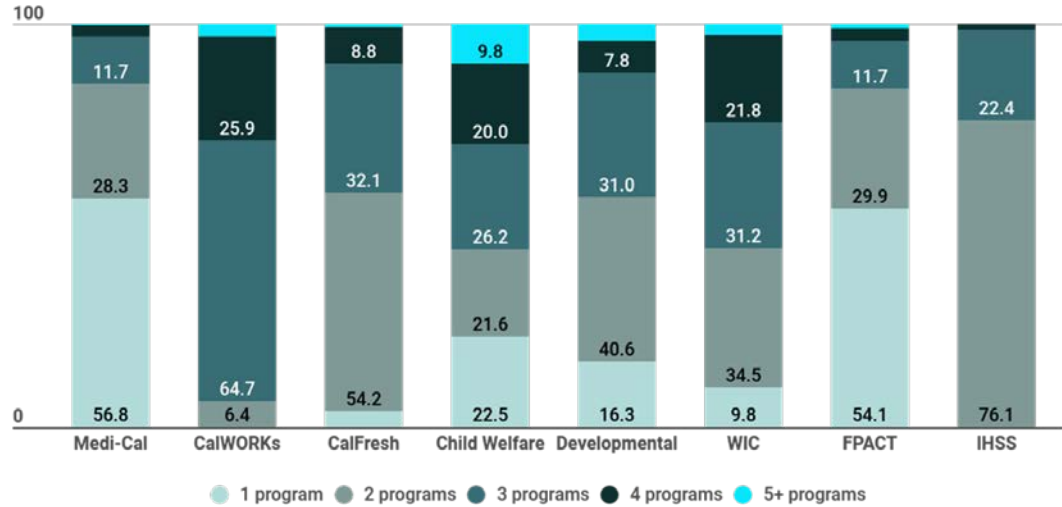
Data to Knowledge to Action



Data Expo  
August 7, 2019

# What was the first 'Record Reconciliation'?

<b>18,176,928</b> Medi-Cal	<b>365,114</b> Developmental
<b>1,840,427</b> CalWORKs	<b>2,000,480</b> WIC
<b>5,808,535</b> CalFresh	<b>1,928,708</b> FPACT
<b>331,986</b> Child Welfare	<b>603,626</b> IHSS



	Medi-Cal	CalWORKs	CalFresh	Child Welfare	Developmental	WIC	FPACT	IHSS
Medi-Cal		10.1%	30.9%	1.5%	1.7%	10.0%	4.5%	3.3%
CalWORKs	99.9%		91.2%	5.2%	1.2%	24.8%	3.3%	0.2%
CalFresh	95.5%	28.5%		2.5%	0.8%	16.5%	3.6%	1.1%
Child Welfare	<i>child</i>	93.0%	48.4%			30.1%	1.5%	0.5%
	<i>parent</i>	64.2%	14.3%			7.3%	7.4%	1.5%
Developmental	82.6%	5.9%	13.4%	3.6%		16.4%	0.4%	21.9%
WIC	89.2%	23.1%	49.1%	2.9%	3.1%		6.2%	0.2%
FPACT	45.5%	3.4%	12.2%	1.0%	0.1%	7.1%		0.1%
IHSS	99.9%	0.5%	10.3%	0.6%	13.3%	0.5%	0.3%	

Merge Condition  
**DDS Linkage ID = Medi-Cal Linkage ID**

Medi-Cal_ID	DDS Linkage ID	DDS Match Probability
8000001A	Kk5FxaJ3	0.988
8000001B	Wmd0HFSf	0.987
8000001B	rXUWz81a	0.965
8000001D	LnvxPD76	0.894
8000001E	RIXqE7x5	0.816
8000001F	zbWpliT2	0.999
8000001G	kZmxGtuH	0.995
8000001H	HUOZaTw7	0.912

Linkage Extract from DHCS

DDS_ID	CDN_ID	Record Source	Medi-Cal Linkage ID	Medi-Cal Match Probability
7000011A	1234555	DDS	o1AZg4fP	0.999
7000012A	1234556	DDS	Wmd0HFSf	0.987
7000021A	1234557	DDS	rXUWz81a	0.965
8000033A	1234558	DDS	K9xDRBT1	0.864
7000044A	1234559	DDS	7iIGitCB	0.869
7000055A	1234560	DDS	UqGugzbs	0.879
7000066A	1234561	DDS	tp41UKdC	0.899
7000077A	1234562	DDS	QuiKOxqb	0.955
7000088A	1234563	DDS	RIXqE7x5	0.816
7000099A	1234564	DDS	zbWpliT2	0.999

Table DDS received from CDN

# What is Happening Now?

**AMENDMENT TO THE  
AGREEMENT TO PROVIDE SERVICES FOR THE RECORDS RECONCILIATION PROJECT  
BETWEEN  
THE CALIFORNIA HEALTH AND HUMAN SERVICES AGENCY and THE DEPARTMENTS  
AND  
THE UNIVERSITY OF SOUTHERN CALIFORNIA, CHILDREN'S DATA NETWORK**

The parties to the Records Reconciliation Project Agreement ("RRA"), dated February 20, 2018, agree to amend the RRA by this AMENDMENT, effective November 26, 2018. The RRA is amended as follows:

**I. ADDITIONAL PARTIES TO THE RRA**

Consistent with the purpose of the RRA to establish a systematic reconciliation of client records across CHHS programs, the current RRA parties, which include USC-CDN and CHHS, DDS, DHCS, CDPH, and CDSS agree to add the California Office of Statewide Health Planning and Development ("OSPHD") as an additional party to the RRA. OSPHD hereby agrees to all terms and provisions of the RRA.

USC-CDN and CHHS, DDS, DHCS, CDPH, CDSS, and OSPHD (collectively referred to as "CHHS and the Departments") agree that in the future, during term of the RRA, which ends February 15, 2021, other California departments overseen by CHHS may be added as parties to the RRA to achieve the purpose and goals of the RRA. USC-CDN and CHHS and the Departments agree that this specific term, which allows for the addition of CHHS departments as parties to the RRA, will not require the current parties to re-sign the RRA or this AMENDMENT. Only the new party will execute a Signature Page to confirm agreement with all terms and provisions of the RRA and this AMENDMENT. The Signature Page shall be provided to USC-CDN and CHHS, with courtesy copies to the other CHHS Departments who are parties to the RRA. The Signature Page(s) will be maintained by CHHS with the original RRA and this AMENDMENT.

## Record Reconciliation v2

### programs covered

1. DHCS: Medi-Cal
2. DHCS: FPACT
3. CDSS: Child Welfare
4. CDSS: CalWORKs
5. CDSS: CalFresh
6. CDSS: IHSS
7. DDS: Developmental Services
8. CDPH: WIC
9. *CDPH: Vital Birth*
10. *CDPH: Vital Death*
11. *OSHPD: Hospitalization / ED / AS*

### other

1. future CHHS signatories
2. programs covered
3. years (2015 | 2016 | 2017 | 2018)



# Making Data Open and Accessible?

The screenshot displays the 'Main Menu' for the Health and Human Services Program. At the top, logos for CHHS, DHCS, California Department of Public Health, BDS, and CDSS are visible. The main menu is organized into six columns:

- Single-Program Data:** CalFresh, CalWORKs, IHSS, Foster Care, Medi-Cal, WIC, DDS.
- Multi-Program Data:** Side-by-Side Program Comparisons, Individuals Enrolled in Multiple Programs.
- CCL Facilities:** Facility Counts.
- General Population Demographics:** Poverty, Education, English Language Proficiency & Foreign Born.
- Geomaps:** Geomap How-To Guide, Congressional Districts Geomap, State Senate Districts Geomap, State Assembly Districts Geomap, County Geomap, SNAC Farmers' Market Initiative Geomap.
- Raw Data Tables:** Demographics, Multi-Program Individuals, Participation by Program, CCL Facilities, WIC, Legislative Rosters.

A 'Sources & Methodology' link is located at the bottom center of the menu.

- New summary table that examines pairwise program participation for all geographies broken out by age, race/ethnicity and gender.
- Using this data, more detailed Multi-Program Demographic visualizations could then be produced (*e.g., users could compare the racial /ethnic distributions in each CHHS program by age group; or ask more detailed questions like what is the number of Hispanic girls under age 18, with participation in each program*).



# A CHHS 'Research Data Hub' (RDH)?

## ASSUMPTIONS

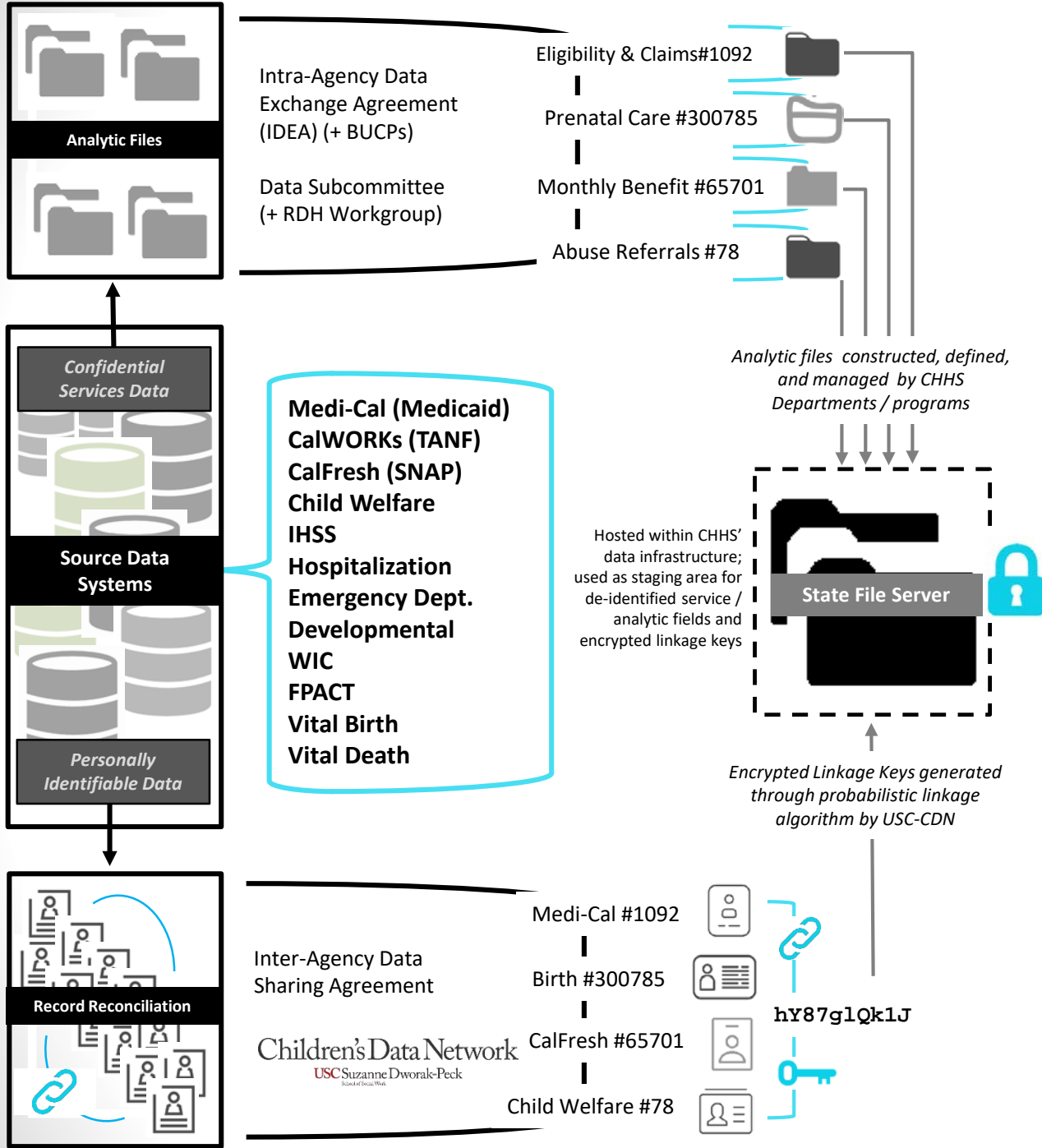
- 'Person-centered' programs require integrated data organized around people rather than programs
- Integrated data will allow CHHS to better understand the conditions in communities, the impact of current programs, and opportunities to improve the delivery of health and human services

## GOALS

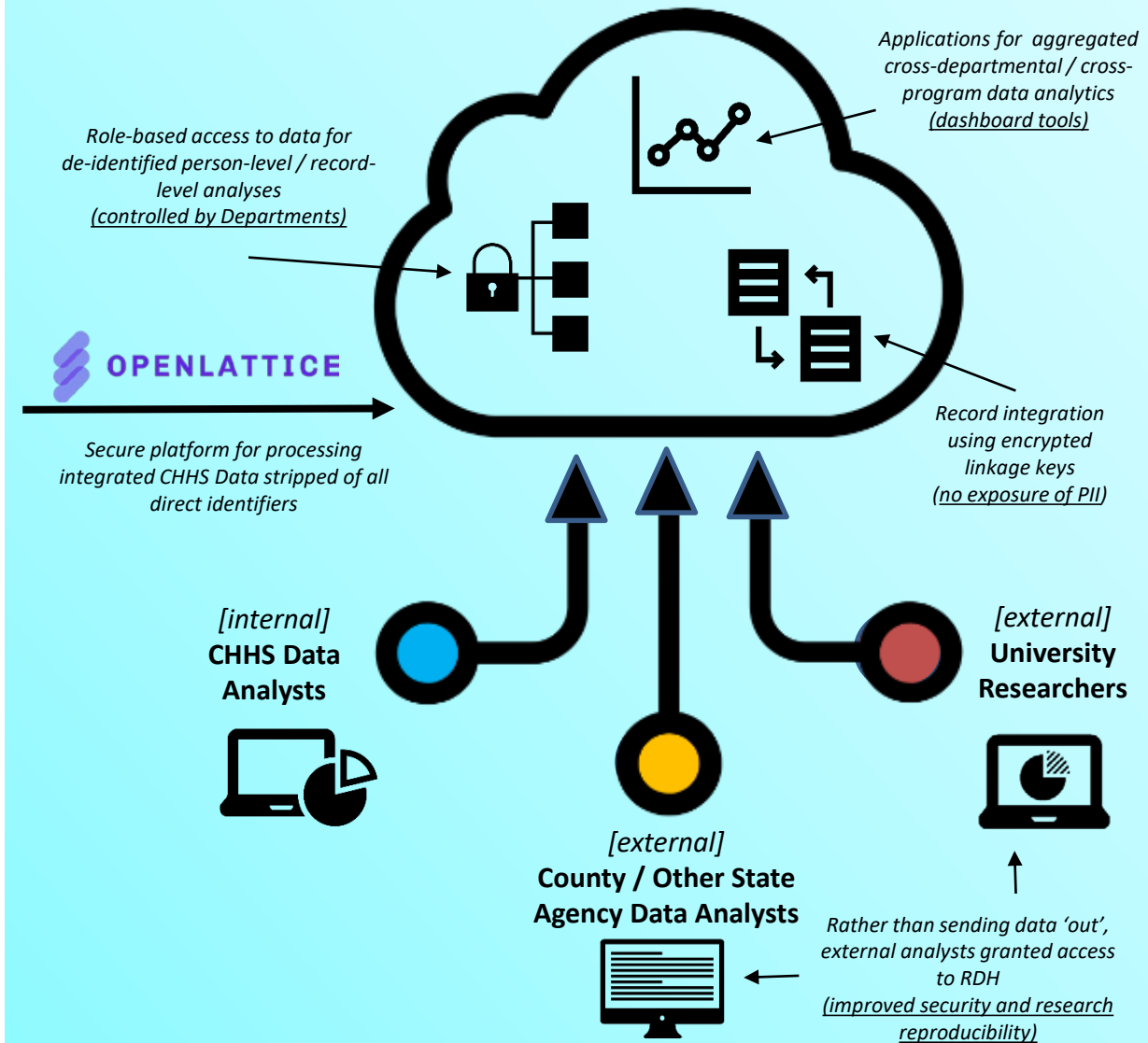
- Develop a fully-operational 'research data hub' that will: (1) advance new knowledge through data analysis and evaluation activities; (2) promote operational improvements in the coordination and delivery of person-centered health and human services; and (3) provide a model for developing integrated research data hubs.







**Research Data Hub**  
Securely integrating data to improve the coordination and delivery of services that advance the social mobility, health, safety, and well-being of children, families, and individuals across California.



Questions? [ehornste@usc.edu](mailto:ehornste@usc.edu)