



# Health and Human Services Program Dashboard

**M. Akhtar Khan, Branch Chief**  
**Patrick Delaney, Research Data Specialist**

**CDSS Research Services Branch**

# PURPOSE

- Examine cross-program utilization by individual persons and families at county and legislative district levels
- Better serve clients with coordinated programs and improve outreach and education
- Improve program administration and effectiveness
- Promote use of analytical tools such as GIS for program outcome evaluation within the Agency

# CONTENTS

- **Program data**, using July 2017 point-in-time (currently updating to October 2018 data)
- **County, Congressional, & State Leg. stats** for CalWORKs, CalFresh, IHSS, Foster Care, Medi-Cal, DDS, CCL Facilities, & Demographics
- **County, Congressional & State Leg. geo-maps**
- **State Nutrition Action Committee (SNAC) geo-maps**
  - Emergency Food Assistance Program sites
  - Commodity Supplemental Food Program sites
  - Catholic Charities Agency locations
  - and more...

# Mapping & Dashboarding Program Data

## GEOCODING



- Facilitates the search for answers to location-based questions
- Helps determine what sub-county-level of geography to use
- Helps investigate spatial inequities in program participation





# GEOCODING: Helps with a holistic view of the environments surrounding each program recipient address



# DATA SOURCES (County and Legislative Districts)

- **CalFresh & CalWORKs:** Medi-Cal Eligibility Data System (MEDS) July 2017
- **IHSS:** CMIPS & MEDS, July 2017
- **CCL Facilities:** CDSS administrative data, July 2017
- **WIC:** CDPH, March 2016
- **Foster Care:** CWS/CMS, July 2017:
  - Foster youth aged 0 – 20, in an out-of-home placement and supervised by either a child welfare system or probation
- **DDS:** DDS administrative data, July 2017
- **Medi-Cal:** DHCS public data, January 2017 enrollment month
  - County-level Medi-Cal data from CDSS MMEF, July 2017
- **Poverty profiles:** American Community Survey, 2016

# DATA PREPARATION & METHODOLOGY

- **Data Cleaning:** Cleaned city-style addresses and geocoded; some data loss due to non-codable addresses, particularly in rural areas
    - CalFresh (5%), CalWORKs (6%), FC Children (1%)
  - Used “Shapefiles” of district boundaries for congressional, assembly and senate districts
  - Counts of clients in two or more programs:
    - CalFresh, CalWORKs and IHSS clients identified using MEDS data
    - For Foster Care, first matched child SSN from CWS/CMS with SSN in MEDS, then did a fuzzy match using names and dates of birth
- **Note:** County-level data did not require geocoding, as source databases contain a field indicating the issuing county for each program

# DATA DE-IDENTIFICATION

- In order to protect client confidentiality, all data in the dashboard has been de-identified according to [CHHS Data De-Identification Guidelines](#)



California Health and Human Services Agency  
**DATA PLAYBOOK** 2<sup>nd</sup> EDITION

A Department's Toolkit to Using Data



# SUMMARY STATISTICS

	Total Individuals (July 2017)
<b>Program Participation</b>	
Medi-Cal	13,354,876
CalFresh	3,978,458
WIC	1,246,520
CalWORKs	986,483
IHSS	556,064
Foster Care	62,807
<b>Participation in two or more programs</b>	
CalFresh/Medi-Cal	3,717,879
CalWORKs/Medi-Cal	986,483
CalFresh/CalWORKs	914,396
IHSS/Medi-Cal	553,374
Foster Care/Medi-Cal	61,402
CalFresh/IHSS	46,637
CalWORKs/CalFresh/Medi-Cal	914,396
CalFresh/IHSS/Medi-Cal	46,488
CalWORKs/CalFresh/Foster Care/Medi-Cal	2,373

# Health and Human Services Program Dashboard



## Health and Human Services Program Dashboard

### Main Menu

#### 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

Sources & Metadata

# NEXT STEPS and Updates to the Dashboard

- Use geocoded WIC and DDS data to more fully assess client multi-program enrollments
  - Working on creating a Business Use Case Agreement with DDS using CHHS Master Data Sharing Agreement
  
- The Dashboard will be updated twice a year in April and October using data from the previous October and April, respectively
  
- The Dashboard is posted on the CHHS Open Data Portal: <https://data.chhs.ca.gov/>

# District Program Participation (DPP)

Thank You!

[Akhtar.Khan@dss.ca.gov](mailto:Akhtar.Khan@dss.ca.gov)

[Patrick.Delaney@dss.ca.gov](mailto:Patrick.Delaney@dss.ca.gov)