

A Systems Change Approach
to Children's Oral Health

First 5 California 2016 Summit
From Partnerships to Impact
November 8-10, 2016
Sacramento



EARLY SMILES
A Center for Oral Health Program

FIRST 5
SAN BERNARDINO

Center
for Oral
Health



Structure

1. The Social Determinants of Health Lens
2. State of the State
3. Envisioning Solutions through Systems Change
4. What we are doing in San Bernardino

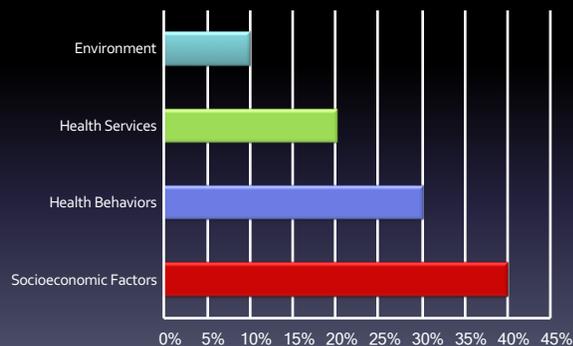
1. Social Determinants

A useful lens

The Social Determinants of Health

1. The conditions in which people are born, grow, live, work, and age.
2. Shaped by the distribution of money, power, and resources.
3. Mostly responsible for **health inequities** -*the unfair and avoidable differences in health status.*

Social Determinants of Health



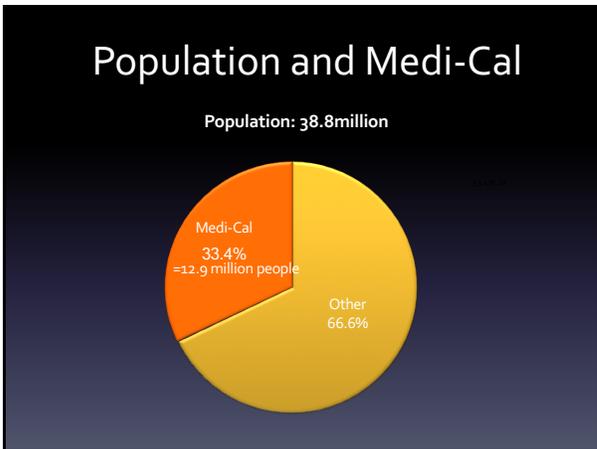
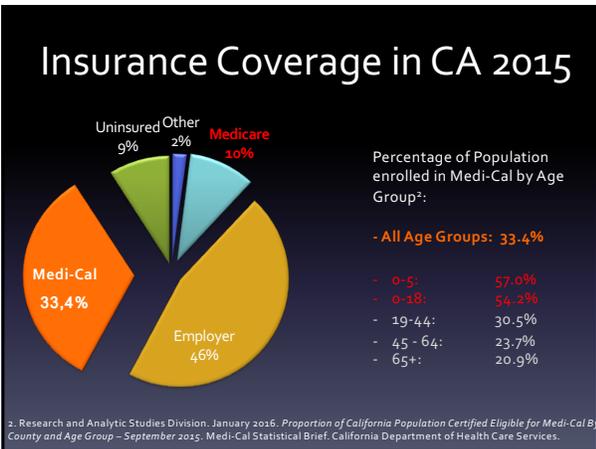
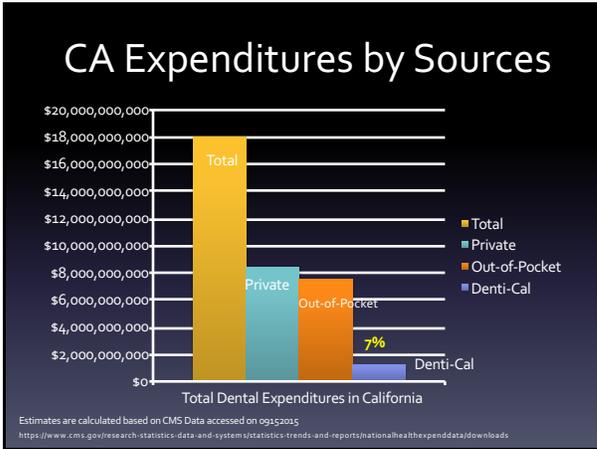
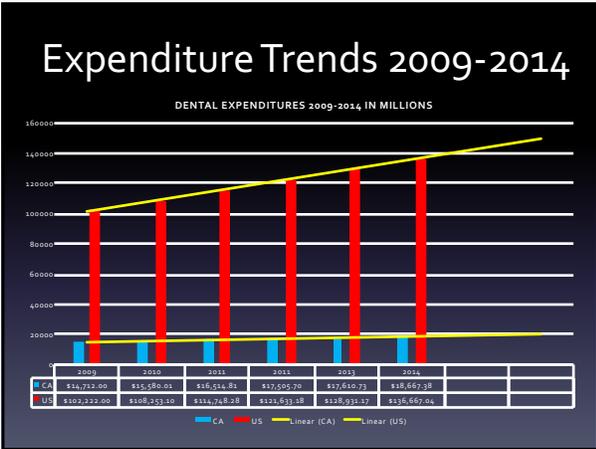
Oral Health Inequities

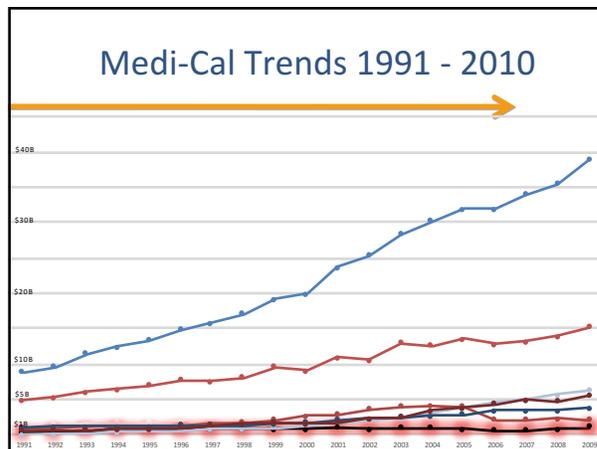
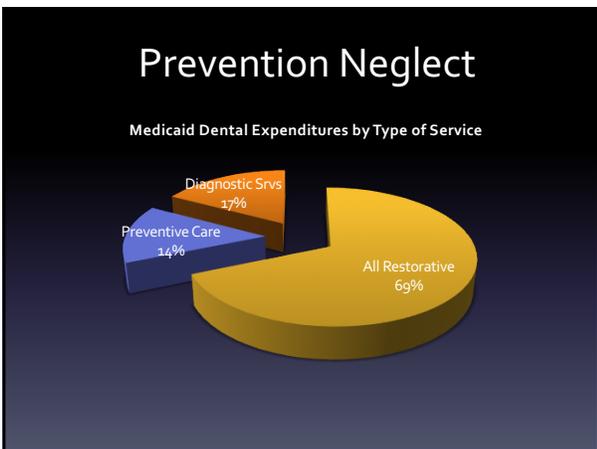
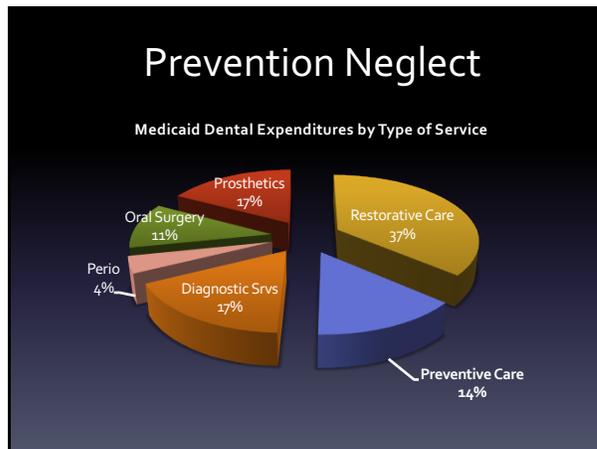
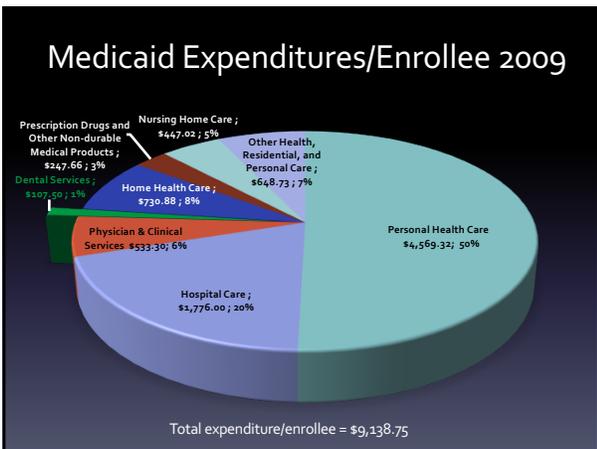
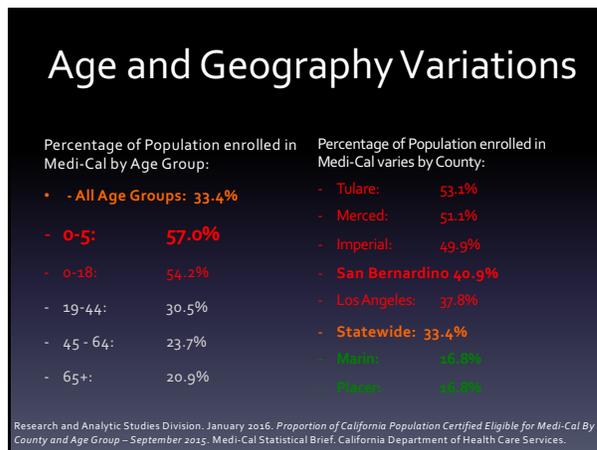
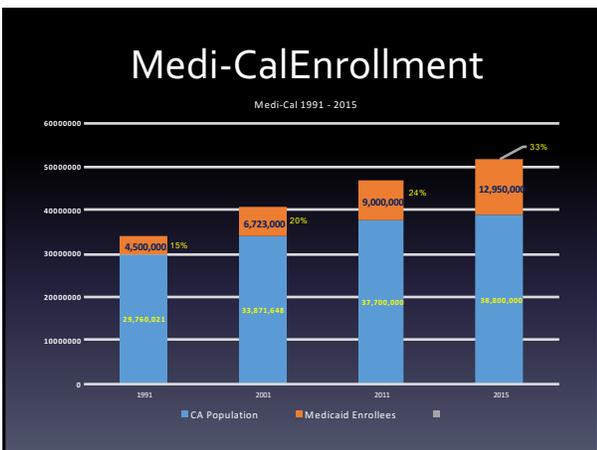
- Blacks, Hispanics, and American Indians and Alaska Natives generally have the poorest oral health of any of the racial and ethnic groups in the U.S. population (U.S. Surgeon General)
- Mexican American children ages 12 to 23 months may experience dental caries than other race/ethnicity groups (Kaste et al. 1996b).

Inequities in California

- Only 40% of Denti-Cal beneficiaries see a dentist
- >26,000 ER visits/year
- Most kids get no sealants
- Only 25% of California dentists participate in Denti-Cal
- Four (4) counties (Yuba, Mariposa, Sierra and Alpine) with zero (0) Denti-Cal Providers

2. California State of the State





Payments Private vs. Public

Trends in FFS Payments for Pediatric Dental Visits 2003 - 2013						
State	Private Dental Insurance			Medicaid Fee-for-Service		
	2003	2013	Change	2003	2013	Change
California	\$105.55	\$117.24	11.1%	\$42.61	\$34.00	-20.2%
Connecticut	\$112.03	\$127.71	14.0%	\$43.39	\$85.27	96.5%
Massachusetts	\$107.42	\$128.30	19.4%	\$65.62	\$74.28	13.2%
District of Columbia	\$115.85	\$141.04	21.7%	\$38.72	\$82.31	112.6%

Dental Workforce

- Approximately 36,000 Dentists in California
- Reported to be enrolled in DentiCal ≈ 11,400 **but only 7,706 active**
- Ratios:
- All Dentist : General Population ≈ 1:1,050
- DentiCal Dentist : DentiCal Population ≈ 1:2,733
- But only 1 in 6 DentiCal Dentists receive \$10,000 or more in Medicaid payment/year
- Therefore, the actual ratio would be ≈ 1:12,000
- 25% of DentiCal dentists serve 80% of all Denti-Cal children

Reference: Dental workforce capacity and California's expanding pediatric Medicaid population. J Calif Dent Assoc. 2014.

3. Envisioning Solutions

A Systems Change Lens

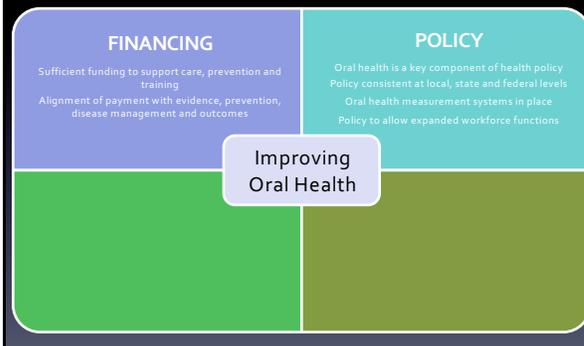
Systems Change Framework

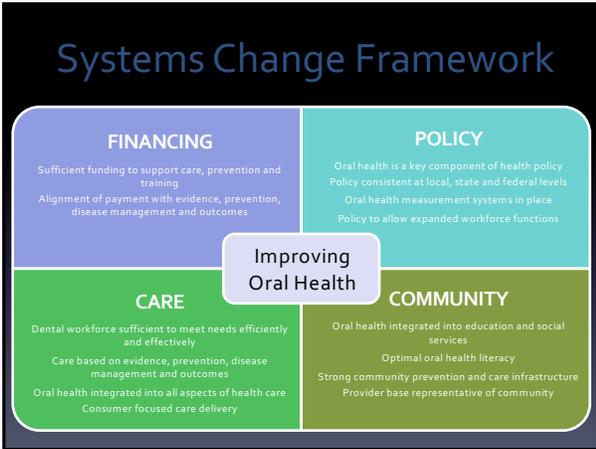
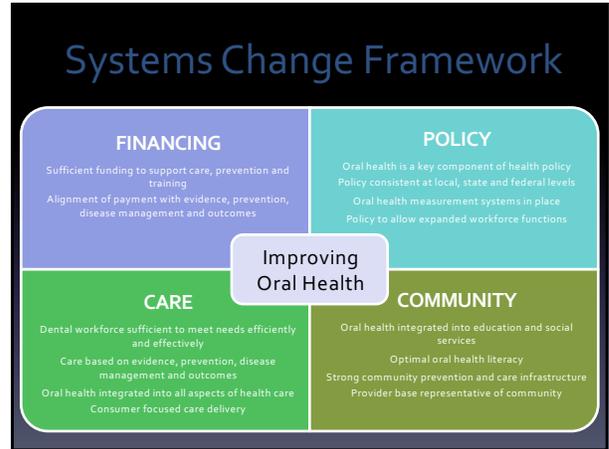
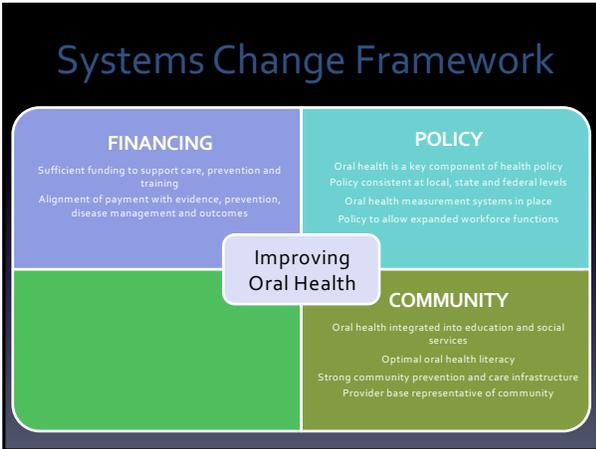


Systems Change Framework



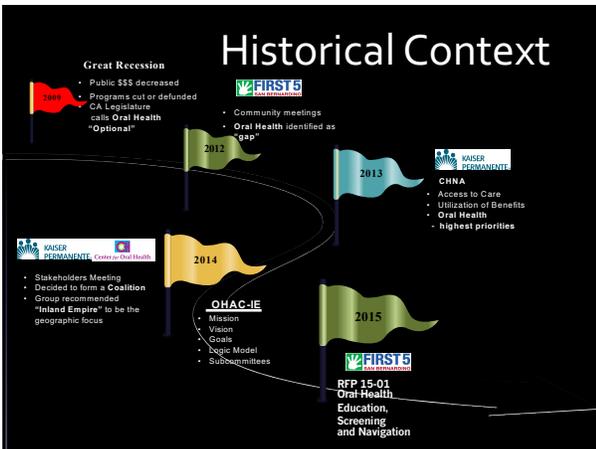
Systems Change Framework





4. Action Plan

The San Bernardino Investment



First 5 San Bernardino Oral Health Funding-Recent history

- Bulk of services provided by a single contractor connected to our county hospital
- Network of 50+ dental providers utilized by agency
- Treatment and preventive services billed to First 5
- As funding decreased, service counts decreased
 - FY2010-2011-Highest point-\$2,177,567; 15,818 screenings
 - FY 2014-2015-Lowest point- \$1,467,197; 8,468 screenings

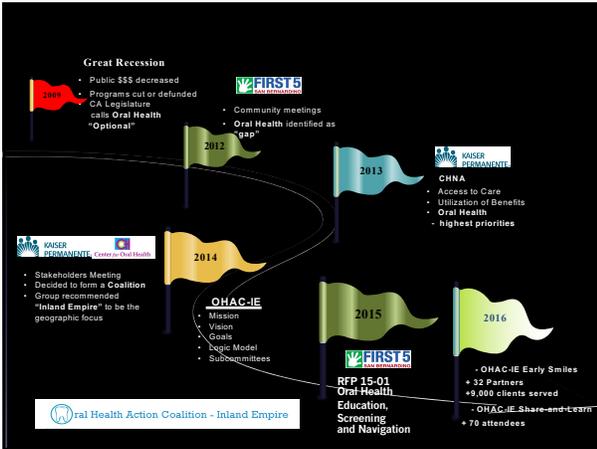
2014-RFP for contract cycle 15-16

- Funding not to exceed \$750,000 for oral health services
- Minimal support of treatment
- Services to focus on education, screening and navigation (find a dental home, access resources outside First 5)
- 2 viable proposals:
 - #1-Previous contractor
 - business as usual but at a much lower scale
 - \$750,000; 5,420 screenings



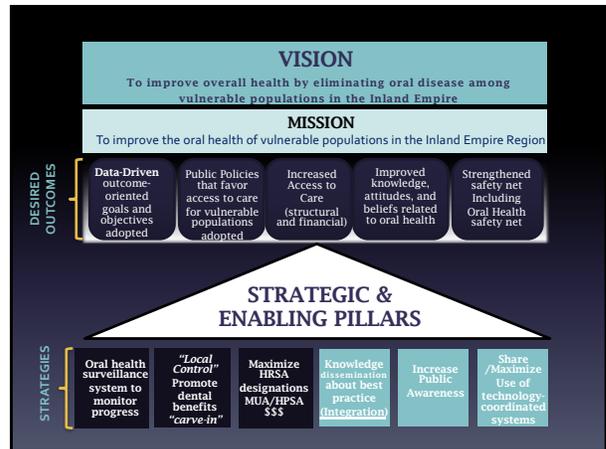
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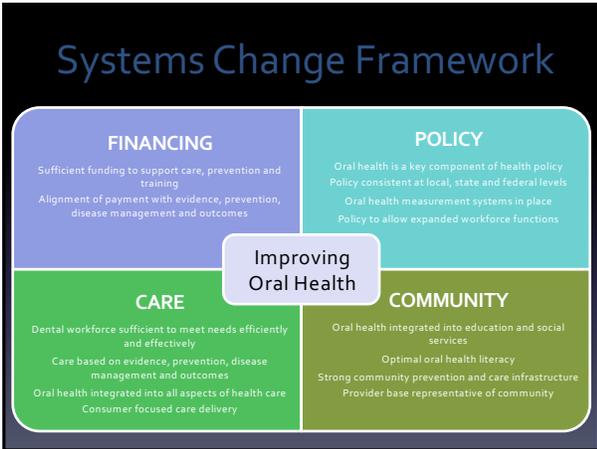
- #2-Center for Oral Health-
 - Direct service support for education, screening and navigation
 - Systems level support for immediate and ongoing treatment
 - \$693,750; 14,200 screenings

The Role of OHAC-IE

- Build consensus, develop a common agenda, and mobilize for action
- Ensure accountability
- Build and foster partnerships
- Collaborate and promote integration
- Leverage resources
- Support communities
- Measure progress and review policies and programs





Thank you

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