



Esther Yopez  
Program Manager

# Agenda

1. Mission of LAUSD & LA Trust Oral Health Initiative
2. Oral Health is for a Lifetime!
3. Strategies to improve consent rates

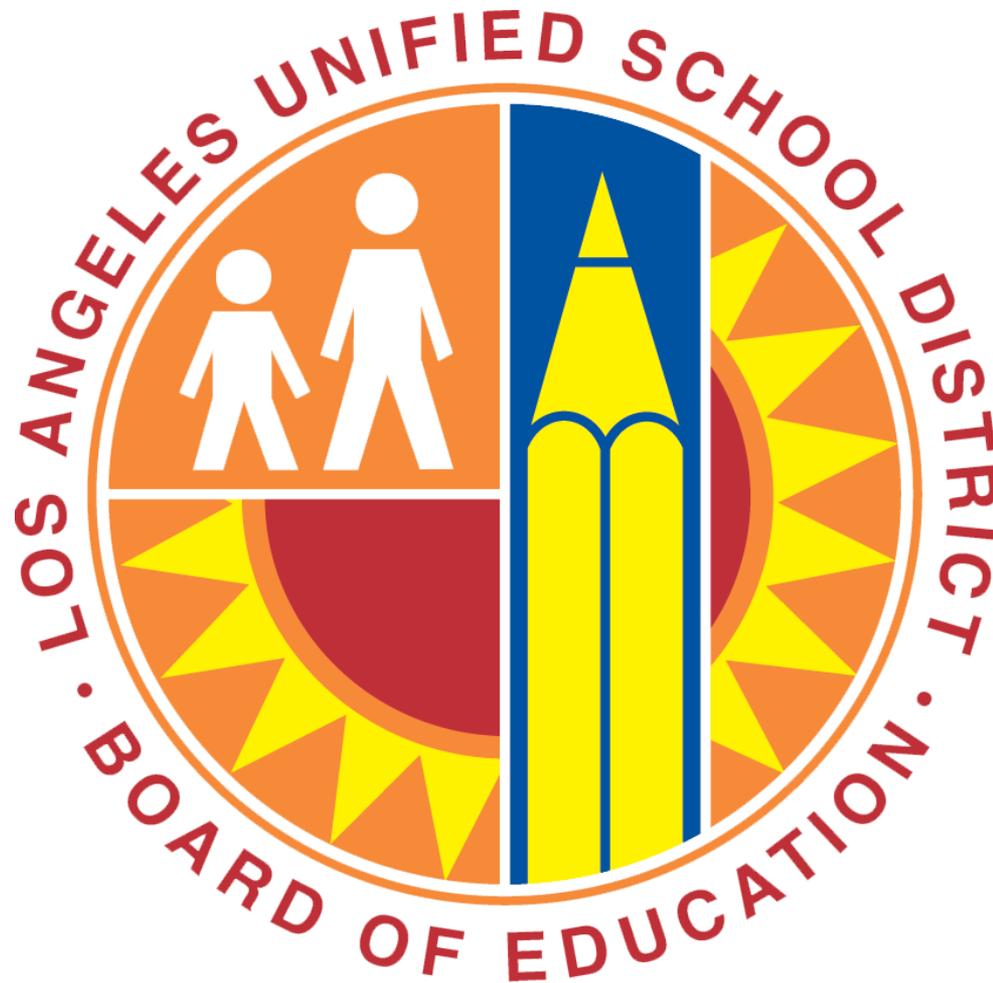


# Oral Health Initiative (OHI) Mission

Education  
Preventive Services  
Policy and Finance



# Transforming Quality in School Oral Health



# School-Based Oral Health Tiers

The L.A. Trust  
Oral  
Health  
Initiative



# Children's Oral Health Status

## Children & School Performance



73% of underserved children in Los Angeles have **untreated caries**.



Students with toothaches are almost **4 times** more likely to have **low GPAs**.



81% of underserved children in Los Angeles **needed dental care**.

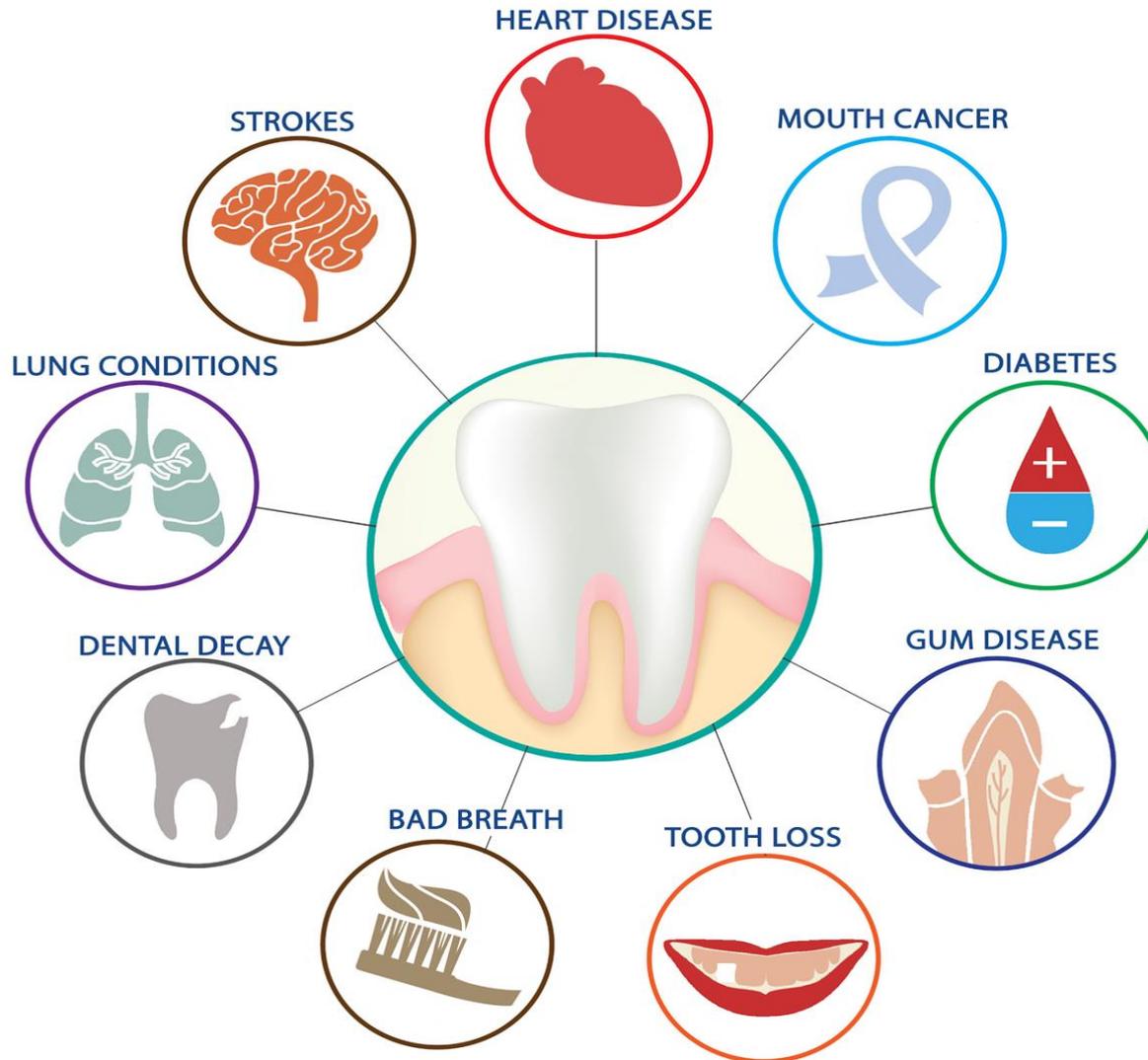


Students without access to needed dental care were almost **3 times more likely to miss school** than students with access.



1. Mulligan, Roseann & Seirawan, Hazam & Faust, Sharon & Barzaga, Conrado. "Dental Caries in Underprivileged Children of Los Angeles." Journal of Health Care for the Poor and Underserved, vol. 22 no. 2, 2011, pp. 648-662. Project MUSE, doi:10.1353/hpu.2011.0063
2. The Impact of Oral Health on the Academic Performance of Disadvantaged Children; Hazem Seirawan DDS, MPH, MS, Sharon Faust DDS, and Roseann Mulligan DDS, MS; American Journal of Public Health (AJPH), September 2012.

# WHAT PROBLEMS COULD POOR DENTAL HEALTH CAUSE?



# What is the Kindergarten Oral Health Assessment Mandate?

- AB 1433 signed into law in 2005, funded by California Department of Education
- The law requires only an “assessment” of the child’s oral health by a licensed dental professional and the completion of the data collection tool by either the school or the school district
- Schools must notify parents who are registering their child in public school for the first time (in either K or 1<sup>st</sup> grade), collect forms by May 31 of each school year and report collected data by December 31 of that calendar year to County Office of Education
- Law requires waiver on the form; majority of parents elect to opt out of assessment
- **LAUSD compliance rate was at 30%** (18% opt out, 12% return with assessment completed)
- **LAUSD Compliance rate is at 50%**

## Healthy Kids Need Healthy Teeth



The law requires that kindergartners receive a dental checkup.

La ley ahora requiere que los kindergartners reciban un examen dental.

To learn more call **800.CDA.SMILE** or visit **cda.org**.

A MESSAGE FROM THE CALIFORNIA DENTAL ASSOCIATION



# Oral Health Screening Program

## Advancing the Kindergarten Mandate in LAUSD



# OHI Kinder Mandate 2013-2019 Impact

<b>F = Fall S = Spring</b>	<b>Schools Served</b>	<b>Total Participants</b>	<b>OH Ed Students</b>	<b>OH Ed Parents</b>
<b>S13</b>	2	513		
<b>F13-S14</b>	6	1,847		
<b>F14-S15</b>	9	1,406	5,631	309
<b>F15-S16</b>	21	3,063	9,078	2,067
<b>F16-S17</b>	11	1,274	4,534	1,390
<b>F17-S18</b>	36	3,151	8,481	939
<b>F18-S19</b>	25	3,207	4,481	261
<b>Total</b>	<b>110</b>	<b>14,461</b>	<b>32,205</b>	<b>4,966</b>

# KOHA Compliance 2006-18

YEAR	Total Students Eligible	No response	Compliance rate	Proof of Exam	Waiver Submitted	Untreated Decay
2006-7*	4613	55%	45%	17%	28%	43%
2007-8*	14592	69%	31%	27%	4%	10%
2008-9*	22231	38%	62%	43%	19%	20%
2009-10	52298	58%	43%	35%	8%	14%
2010-11	50793	66%	46%	34%	12%	15%
2011-12**	50615	48%	52%	40%	12%	13%
2012-13**	51783	51%	49%	42%	7%	14%
2013-14**	53462	48%	52%	45%	7%	14%
2014-15**	54002	68%	32%	26%	6%	13%
2015-16**	53641	72%	27%	26%	1%	14%
2016-17**	51561	68%	32%	24%	8%	13%
2017-18	82012	43%	49%	38%	11%	8%

Red indicates previously collected/reported data.

\* previous data collected without complete parameters

\*\*data collected with MISIS does not include 1st grade/first time enrollment

# Cost-Benefit Analysis

- We estimate that fluoride varnish in this population could prevent 0.74 cavities per child.
- The cost of filling these cavities amounts to \$369.60 per child, compared to \$70/child to run the program.
- Preventing caries could save 1.6 school days per child per year which amounts to \$79.43 per child in ADA funding to the district.



# By 3<sup>rd</sup> grade, tooth decay affects 71% of students in California

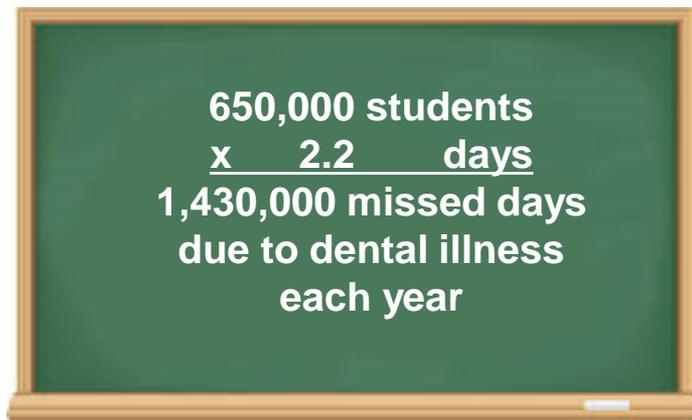


**1 in 3 school absences is dental related**

Tooth decay is the single most common chronic childhood disease—5x more common than asthma, 4x more common than early- childhood obesity and 20x more common than diabetes.

**For LAUSD students that averages to 2.2 missed days of school each year**

Children cannot eat, speak, and sleep normally when they are in pain from untreated dental disease. As a result, a child's ability to concentrate and do well in school suffers.



# Education for Students and Teachers

- Used to promote the Dental Screening & Fluoride Varnish Program
- Educational presentations to engage students and teachers in importance of oral health
- Classroom-to-classroom
  - Grade-level called into auditorium
- Call upon teachers to distribute and collect consent forms
    - Wristband- excellent way to remind students to have parent sign consent forms.
    - Incentivize consent form collection (e.g. \$25 gift card)



# Connect-Ed Message Sample

**For the day that the consents go home with students:**

Good Evening Parents,

This is \_\_\_\_\_, and I am contacting you to let you know that your children will be coming home with a permission slip to participate in a special preventative dental program that will take place at \_\_\_\_\_ school very soon.

We are very excited to bring this program to the students this year again. The students will receive oral health education, a dental screening and a fluoride varnish application, to help protect their teeth.

This program is of no cost to you. If you would like your child to participate, please complete the consent form and return with your child by tomorrow.

Thank you.



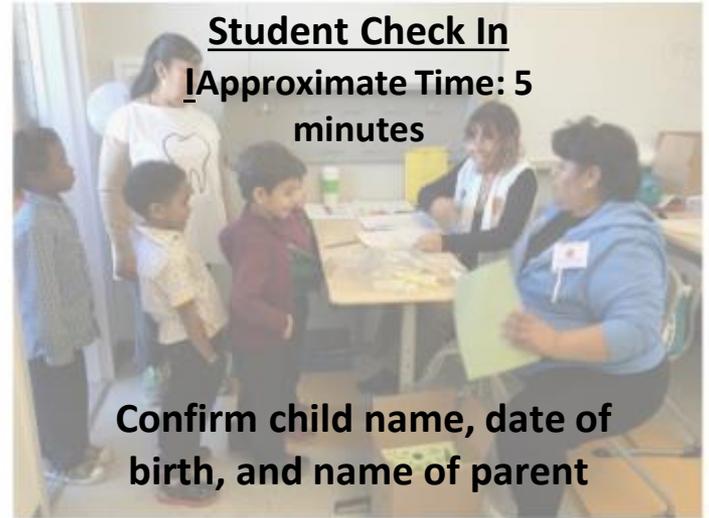
**Parent Volunteers**



Escort students to and from class  
Give students Oral Health Goody Bag

**Student Check In**

**Approximate Time: 5 minutes**



Confirm child name, date of birth, and name of parent

**Screening Process - Total Time**

**Out of Class: 20 minutes**



**Wait Time**

**6 minutes**

**Provider Station**

**Approximate Time: 2 minutes**



Screening exam  
Apply fluoride varnish  
Complete report

**Oral Health Education**

**Approximate Time: 7 minutes**



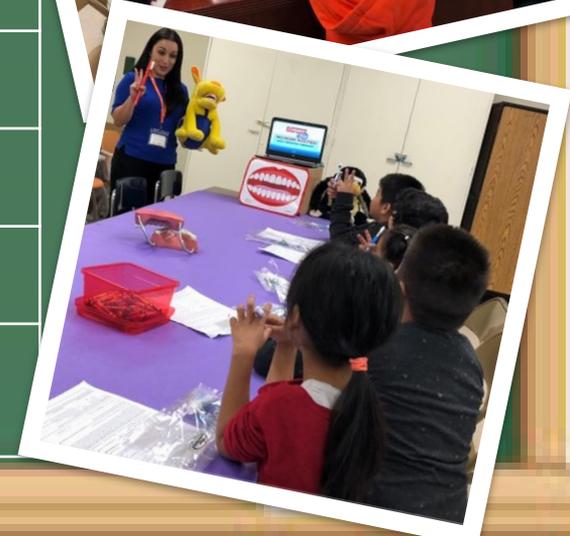
Brushing & flossing methods  
Eating healthy foods  
Drink fluoridated tap water

Slide Courtesy of  
UCLA Geffen School  
of Medicine -  
Department of  
Pediatrics

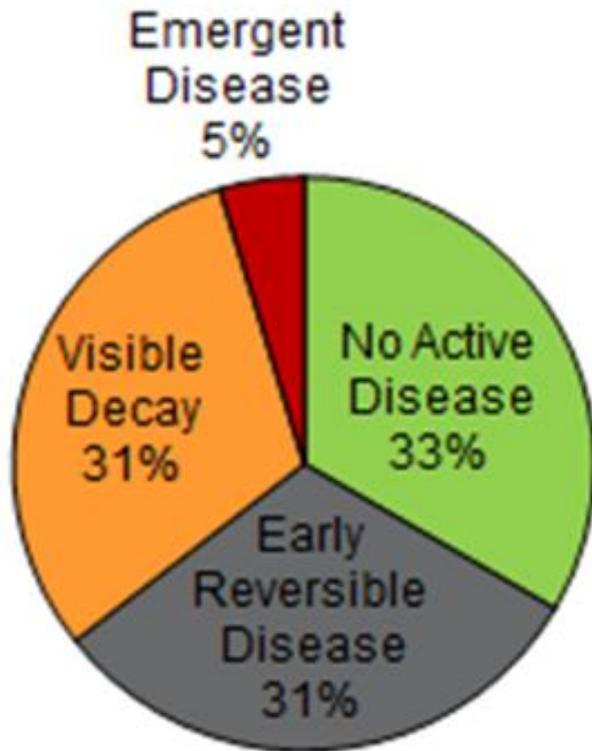
# ORAL HEALTH REPORT CARD – CANOGA PARK ELEMENTARY

PRINCIPAL: ROGER AVILA

	2017-2018
Total number of children screened	255
Had not been to a dentist in last 6 months	30%
Drank fluoridated tap water last week	42%
Drank soda last week	52%
Drank sugar-sweetened beverages last week	93%
Abnormal exam	82%
Visible decay	34%
<b>Potential cavities prevented</b>	<b>189</b>
<b>Potential school days saved</b>	<b>439</b>



# Summary of Screening Results



## Gingivitis and Periodontal Disease

40% visible gingivitis

83% among adolescents

34% adolescents report gum bleeding with tooth brushing or flossing

## Emergent Findings

Abscesses (36%)

Severe decay (30%)

Other infections (15%)

Pain (6%)

Broken teeth (5%)

Other (15%)



# Contact Us!



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