

Los Angeles County
Department of Public Health
Oral Health Program

Overview of the LAC Dental Safety Net Using GIS Maps

Maritza Cabezas, DDS, MPH
Dental Director



Facts About Los Angeles County

- **LA County:**
 - Population: estimated to be more than 10 million
 - The most populous and most diverse county in the US
 - Size: 4,058 square miles
 - The county is larger than the combined areas of the states of Rhode Island and Delaware
- **Cities in Los Angeles County:**
 - There are 88 cities in LA County
 - LA City is the 2nd most populous city in the United States (New York City is the most as it consists of 5 boroughs/counties)
 - Approximately 10% of county residents live outside of the 88 cities in “unincorporated areas”



Facts About Los Angeles County

- The population of Los Angeles County is larger than 41 of the 50 states.
- More than 25% of California residents live in LAC
- Population density is very high: 2,420 people per square mile
- Los Angeles County has the highest number of millionaires and the largest number of homeless people of any county



How can one plan for dental expansion in this vast and complex environment?





Using a **geographic information system (GIS)**. GIS is a system designed to capture, store, manipulate, analyze, manage, and present all types of spatial or geographical data.



Mapping Categories by funding Sources

- **DHS FUNDED**

My Health LA (MHLA) – robust network of clinics

Comprehensive Health Centers (CHC)

Graduate Medical/Dental Education

- **NON-DHS FUNDED**

Federally Qualified Health Centers (FQHCs)

Community Clinics

- **DENTAL SCHOOLS**



1999 Dental Public-Private Partnership (PPP) is Born...

- “...In an effort to fulfill the overall mission DHS sought to sustain long-term partnerships between the Department and **private/community safety net** providers who share a commitment to serve the indigent...”



Who is eligible?

- **Program of last resort**, therefore for patients who lack third-party coverage (i.e., Denti-Cal, Healthy Families, Healthy Kids, etc.) or private dental insurance.
- Must prove **LAC residency** (e.g., utility bill, driver's license, Matricula Consular, etc.)
- Net family income at or **below 138%** of the Federal Poverty Level



37% Increase per Year

Starting point (2001):

- 13 clinics with an average of 2.5 chairs per clinic for a total of 33 chairs

14 years later (2015):

- 43 clinics with an average 4 chairs.
- Total of 172 chairs

This is a total, net increase of chairs by 520%



MHLA dental clinics

- **ARROYO VISTA FAMILY HEALTH FOUNDATION :**
2 Sites – Both in East LA
- **ANTELOPE VALLEY COMMUNITY CLINIC:**
 - Palmdale
 - Lancaster
- **CHILDREN'S DENTAL FOUNDATION:**
 - Long Beach
 - Bellflower
 - Catalina Island



Continued...

- **CHINATOWN SERVICE CENTER:**
 - Chinatown - LA
- **CLINICA MSR. OSCAR A. ROMERO:**
 - 2 Sites – one downtown and the other East LA
- **COMPREHENSIVE COMMUNITY HEALTH CENTER:**
 - Glendale
- **COMMUNITY HEALTH ALLIANCE OF PASADENA:**
 - Pasadena



Continued...

- **EAST VALLEY COMMUNITY HEALTH CENTER, INC:**
 - West Covina
 - Pomona
- **EISNER PEDIATRIC AND FAMILY MEDICAL CENTER:**
 - Downtown
- **EL PROYECTO DEL BARRIO:**
 - Winnetka



Continued...

- **HERALD CHRISTIAN HEALTH CENTER:**
 - San Gabriel
- **LOS ANGELES CHRISTIAN HEALTH CENTER**
 - Downtown LA
- **MISSION CITY COMMUNITY NETWORK, INC:**
 - North Hills
 - Northridge
- **NORTHEAST VALLEY HEALTH CORPORATION:**
 - Sun Valley
 - City of San Fernando



Continued...

- **QUEENSCARE FAMILY CLINICS:**

- Eagle Rock
- Echo Park
- Hollywood
- Sunol
- East LA

- **THE SABAN FREE CLINIC:**

- North Hollywood and
- Next to the Beverly Center



Continued...

- **ST. JOHN'S WELL CHILD AND FAMILY CENTER:**
 - Lincoln Heights,
 - Compton,
 - Hoover,
 - Dominguez,
 - Los Angeles,
 - Hyde Park, and
 - Compton
- **VALLEY COMMUNITY HEALTHCARE:**
 - North Hollywood



Continued...

- **SOUTH BAY FAMILY HEALTHCARE CENTER:** -
 - Redondo Beach
 - Gardena (closed at the moment)
- **VENICE FAMILY CLINIC:**
 - Santa Monica
- **WATTS HEALTHCARE CORPORATION:**
 - Compton



Comprehensive Health Centers

- **EL MONTE COMPREHENSIVE HEALTH CENTER**
 - 10953 Ramona Boulevard, El Monte 91731
- **HUDSON COMPREHENSIVE HEALTH CENTER**
 - 2829 S. Grand Avenue, Los Angeles 90007
- **HUMPHREY COMPREHENSIVE HEALTH CENTER**
 - 5850 S. Main Street, Los Angeles 90003
- **LONG BEACH COMPREHENSIVE HEALTH CENTER**
 - 1333 Chestnut Avenue, Long Beach 90813
- **ROYBAL COMPREHENSIVE HEALTH CENTER**
 - 245 S. Fetterly Avenue, Los Angeles 90022
- **MID VALLEY COMPREHENSIVE HEALTH CENTER**
 - 7515 Van Nuys Blvd. Van Nuys 91408



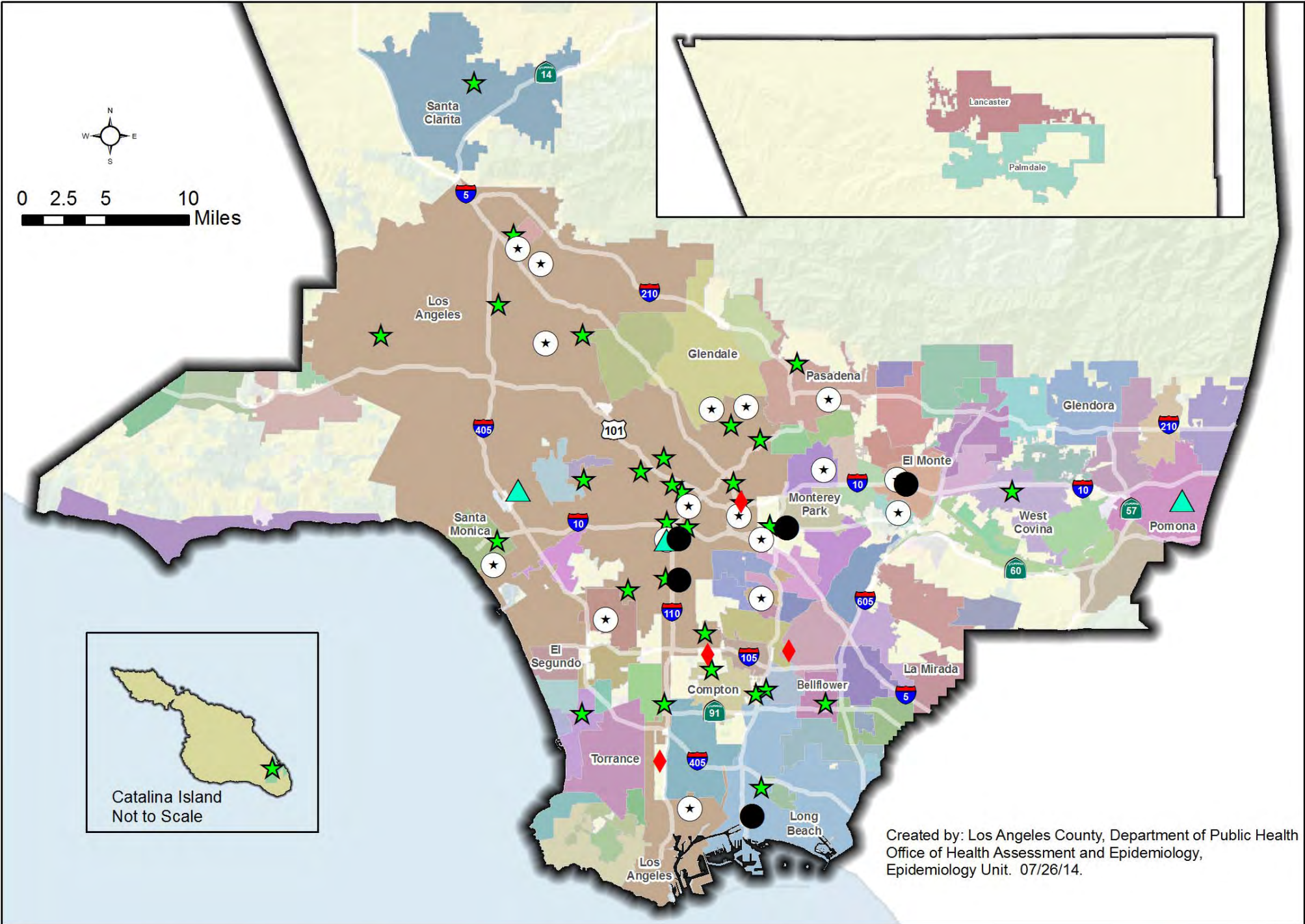
Additional Sites:

- **DHS ADDITIONAL SITES- Medical Affiliations:**
 - Rancho Los Amigos National Rehabilitation Center
 - LAC + USC Medical Center
 - Martin Luther King, Jr. Outpatient Center
 - Harbor-UCLA Medical Center
 - High Dessert Regional Health Center

DENTAL SCHOOLS

Herman Ostrow School of Dentistry of USC
College of Dental Medicine at Western University
UCLA School of Dentistry





Created by: Los Angeles County, Department of Public Health
 Office of Health Assessment and Epidemiology,
 Epidemiology Unit. 07/26/14.

- Comprehensive Health Centers Dental Services
- ◆ DHS Medical/Dental Education
- ▲ Dental Schools
- ★ My Health LA (MHLA)
- ★ Non-funded by DHS
- Incorporated Cities



Dental Services in Los Angeles County



Web Mapping Application by dmorales11
Last Modified: April 14, 2015

(0 ratings, 152 views)

Facebook Twitter

OPEN

SHARE

EDIT

DELETE

MOVE

ATTACH CODE

CONFIGURE APP

Description

Free or low-cost Dental Services within Los Angeles County.

Properties

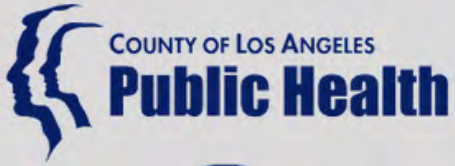
URL	http://www.arcgis.com/apps/MapSeries/?appid=8d3ecd2c44844e8c96be77d483e2e9ad
Code Attachment	None
Purpose	Ready To Use
API	JavaScript
Shared with	Everyone (public)
Tags	Story Map, Map Series
Credits	
Size	6 KB
Delete Protection	Disabled
Extent	

Comments (0)

Add a Comment

PUBLISH COMMENT

1 Dental Sites (All)



2 Community Clinics

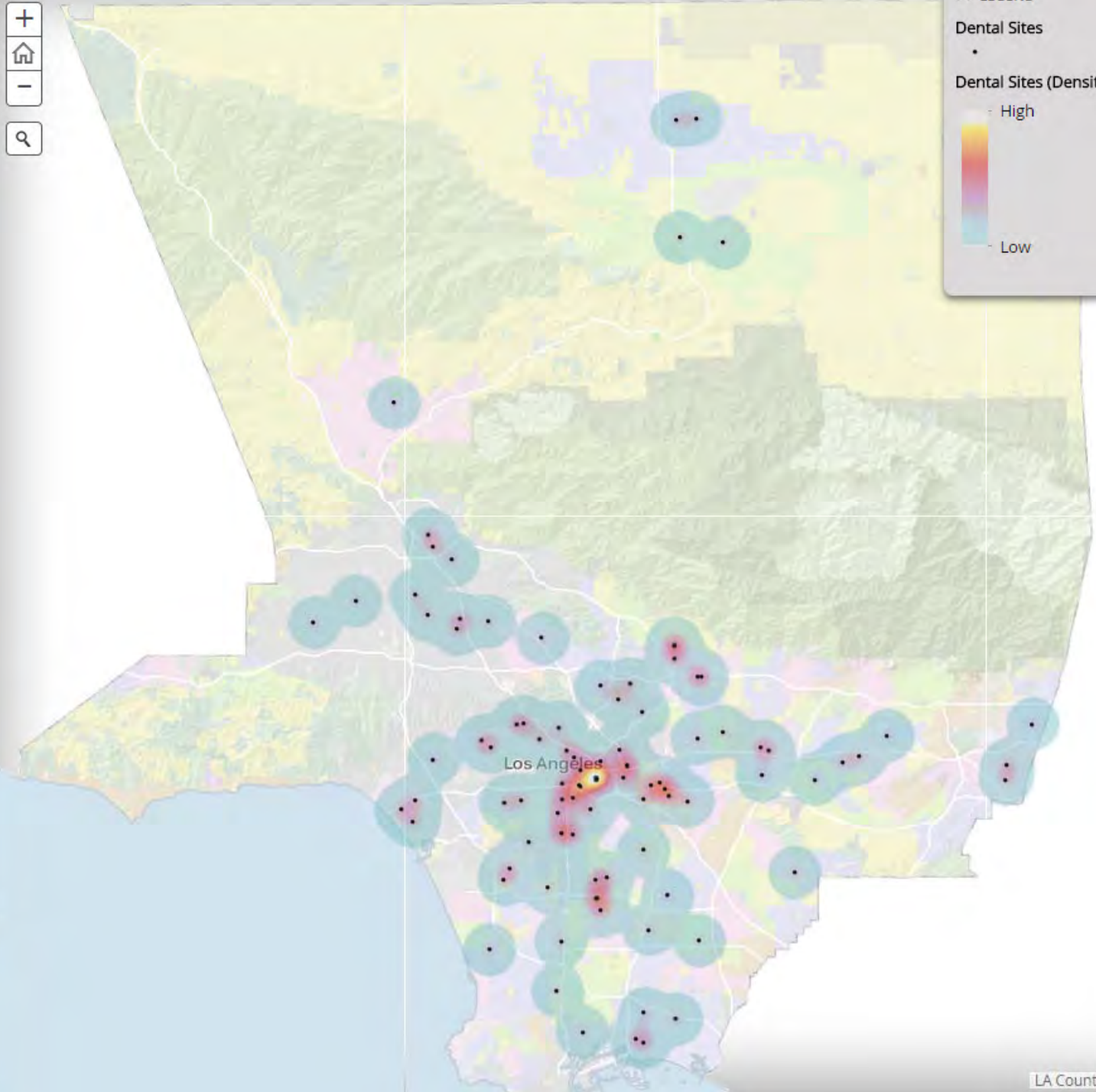
3 Comprehensive Health Centers

4 Dental Schools

5 DHS Medical/Dental Education

6 FQHC

7 School-Based



▲ LEGEND

Dental Sites
•

Dental Sites (Density)

High

Low

1 Dental Sites (All)

2 Community Clinics

Community Clinics in Los Angeles County that offer free or low-cost Dental Services.

3 Comprehensive Health Centers

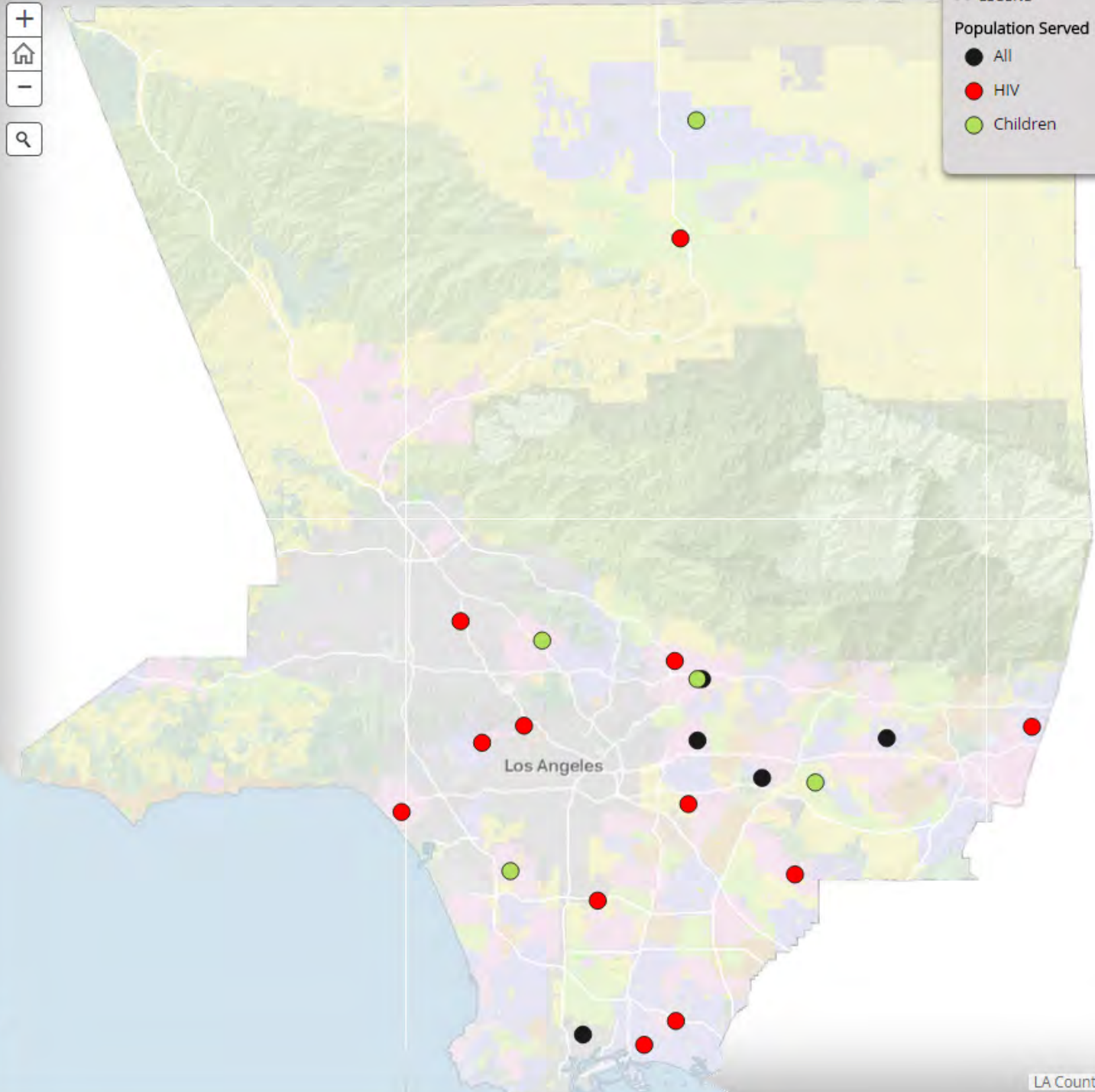
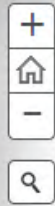
4 Dental Schools

5 DHS Medical/Dental Education

6 FQHC

7 School-Based

8 Could Not Afford Dental Care



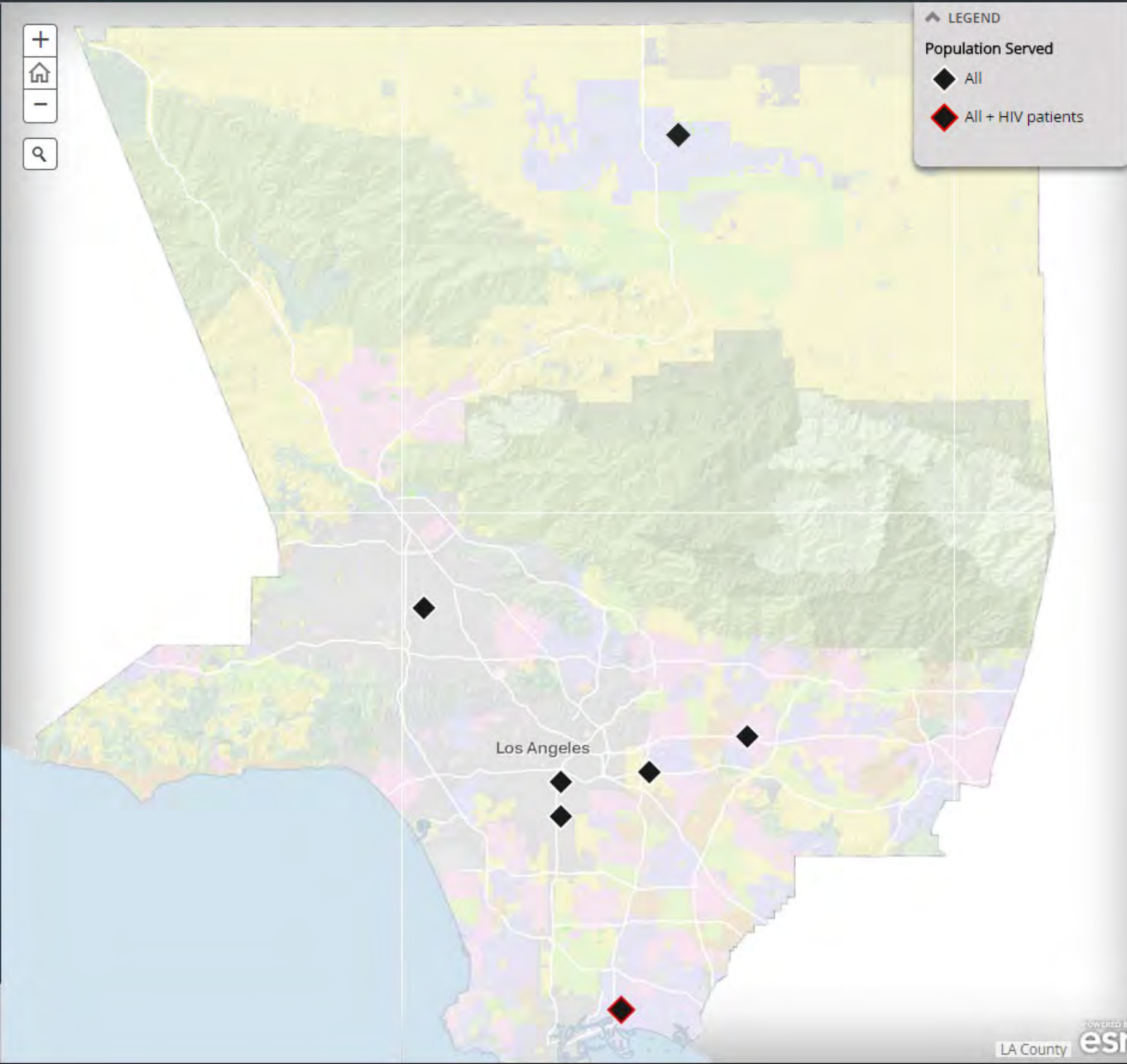
LEGEND

Population Served

- All (black dot)
- HIV (red dot)
- Children (green dot)

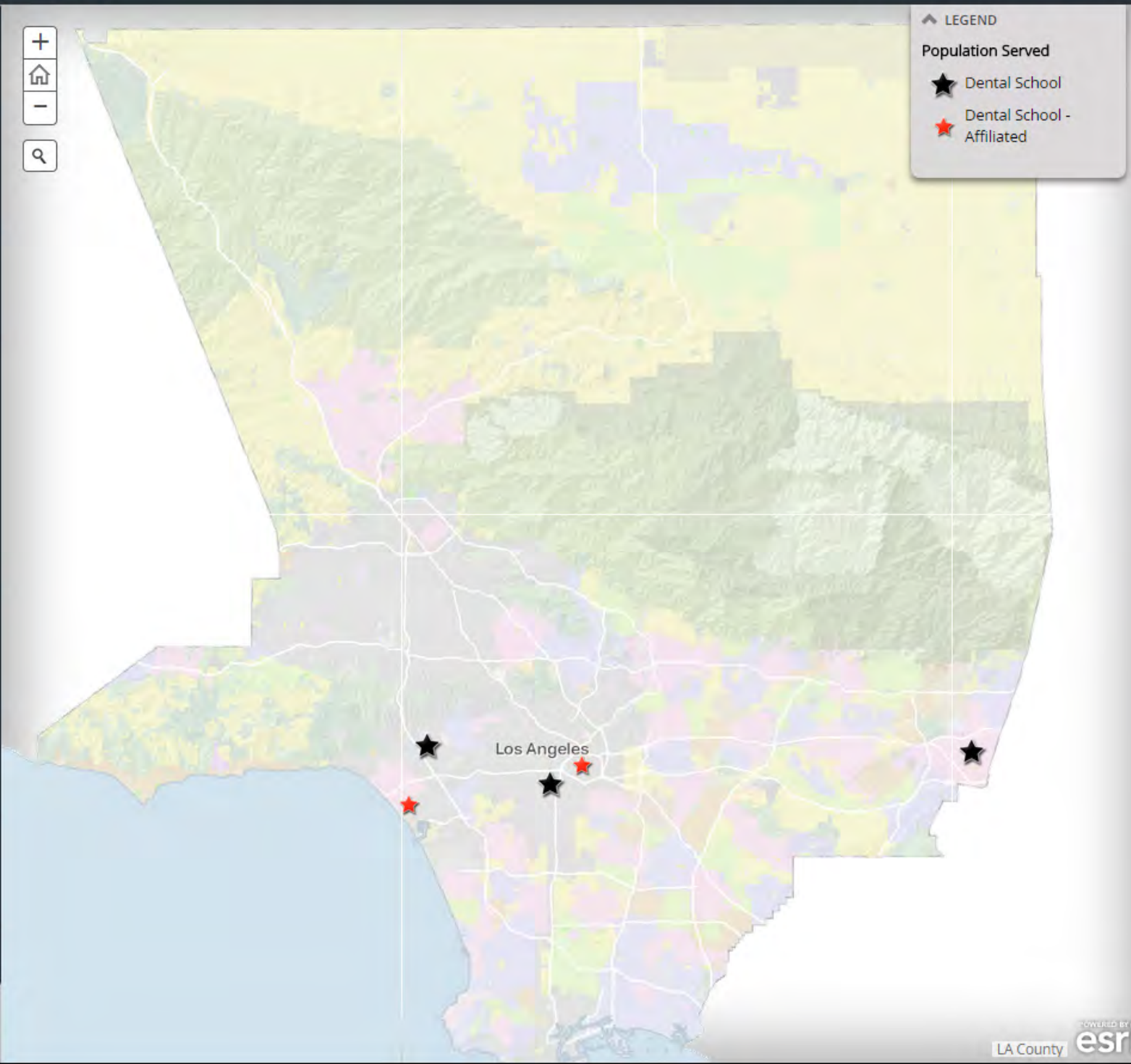
- 1 Dental Sites (All)
- 2 Community Clinics
- 3 Comprehensive Health Centers

Comprehensive Health Centers in Los Angeles that offer free or low-cost Dental Services.
- 4 Dental Schools
- 5 DHS Medical/Dental Education
- 6 FQHC
- 7 School-Based
- 8 Could Not Afford Dental Care

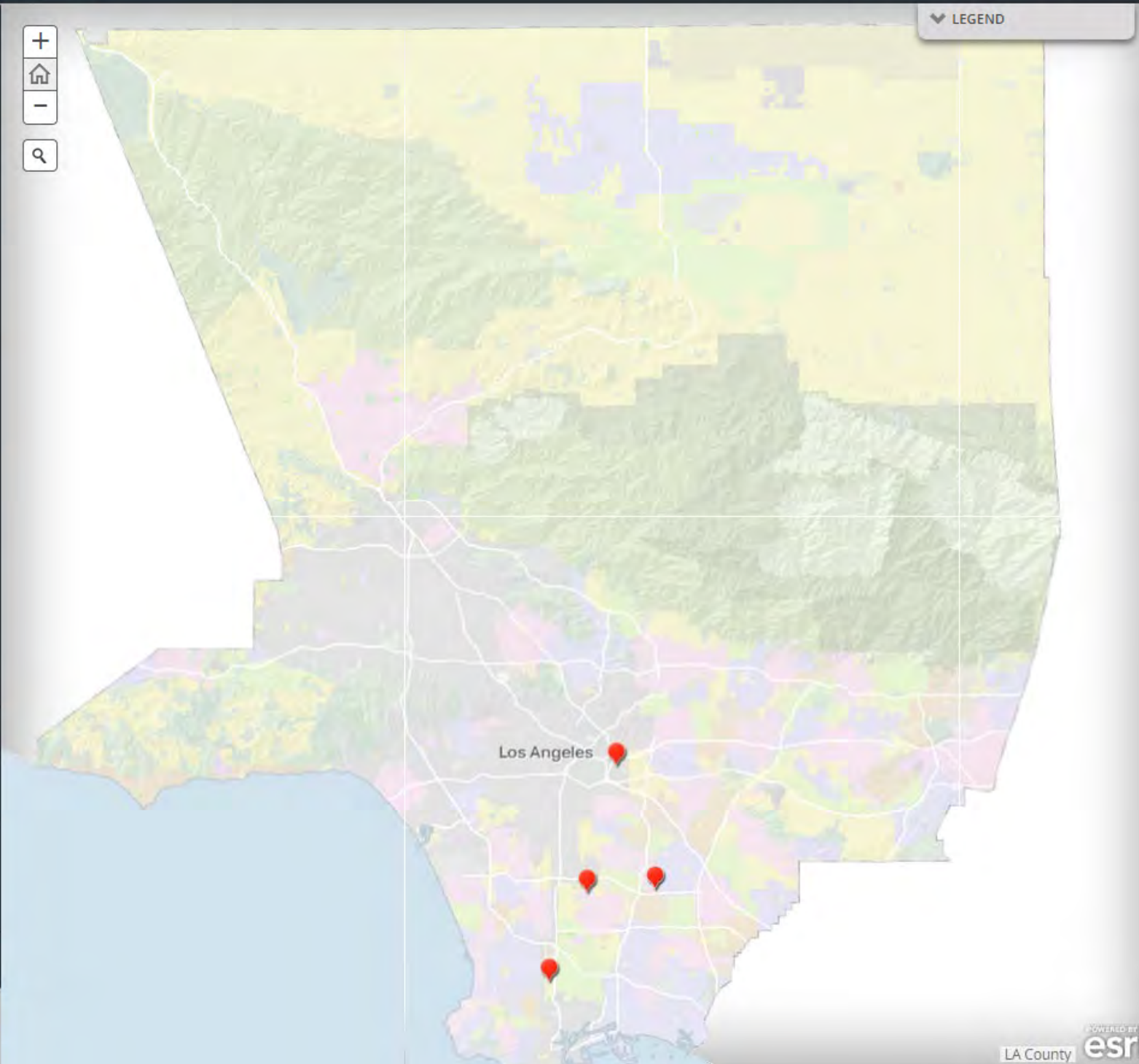








- 1 Dental Sites (All)
- 2 Community Clinics
- 3 Comprehensive Health Centers
- 4 Dental Schools



Dental Schools in Los Angeles County that Provide free or low-cost dental services.
- 5 DHS Medical/Dental Education
- 6 FQHC
- 7 School-Based
- 8 Could Not Afford Dental Care

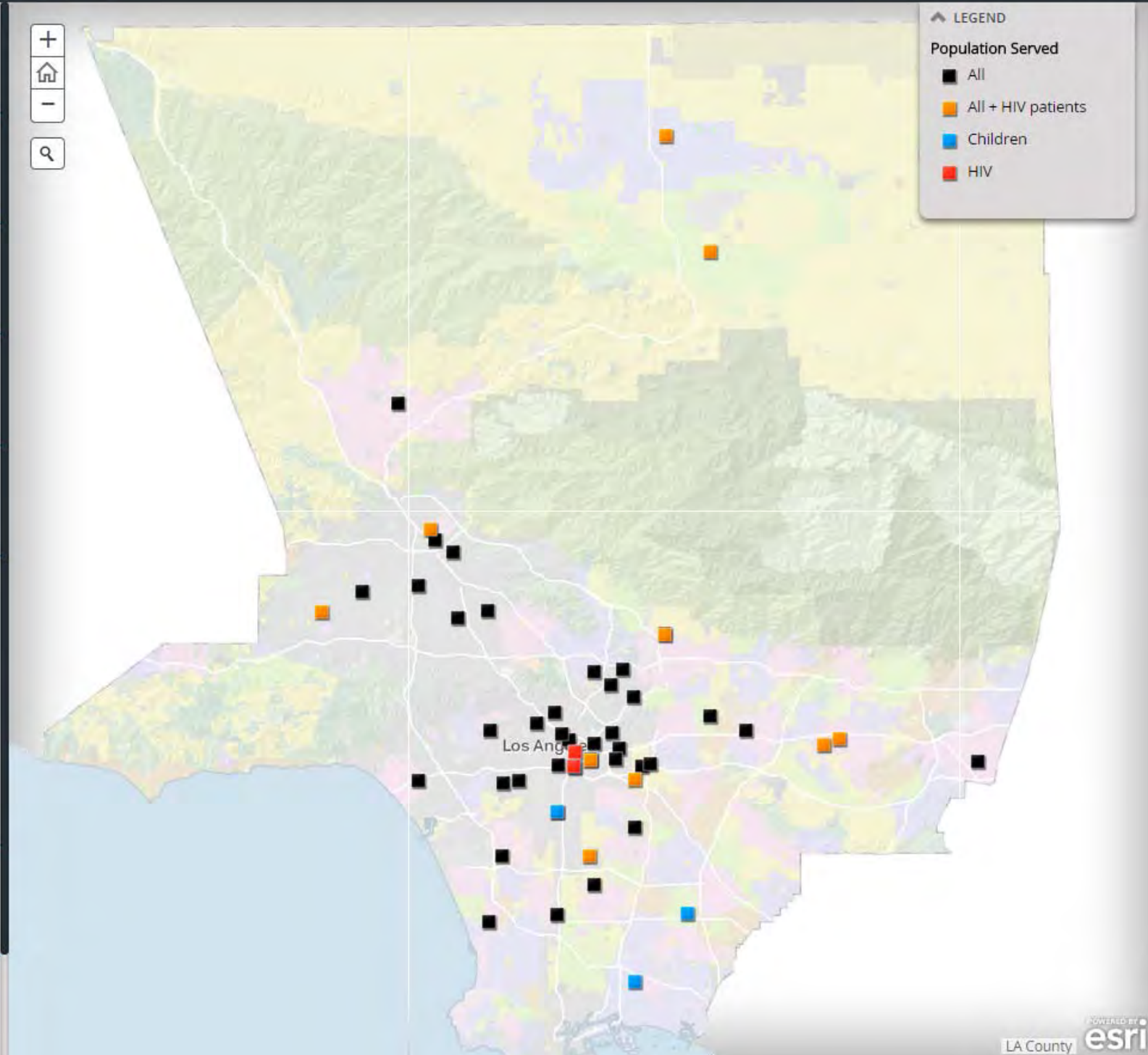


- 1 Dental Sites (All)
- 2 Community Clinics
- 3 Comprehensive Health Centers
- 4 Dental Schools
- 5 DHS Medical/Dental Education
- Department of Health Services (DHS) Medical and Dental Education locations in Los Angeles County.
- 6 FQHC
- 7 School-Based
- 8 Could Not Afford Dental Care

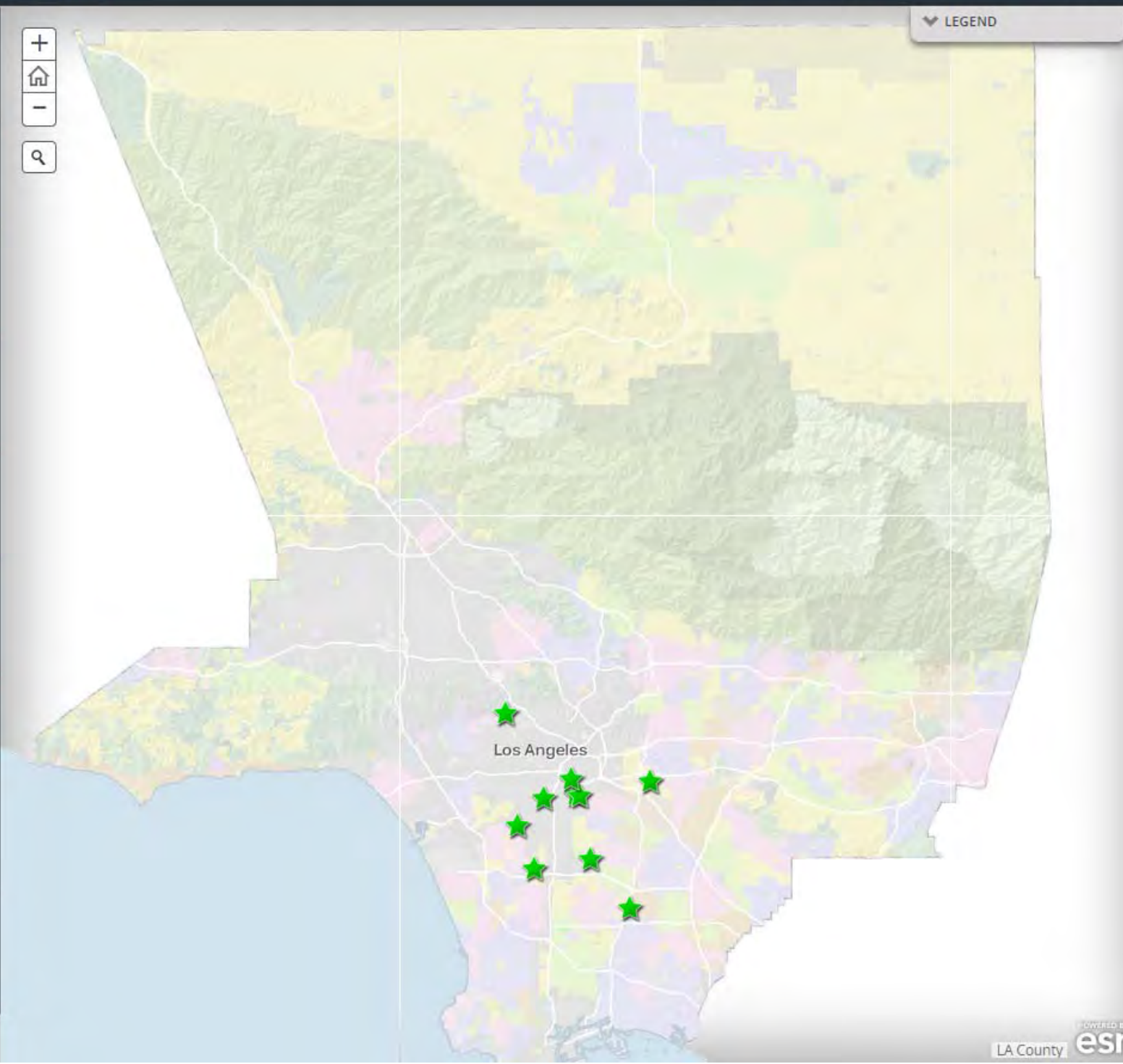










-  **1** Dental Sites (All)
-  **2** Community Clinics
-  **3** Comprehensive Health Centers
-  **4** Dental Schools
-  **5** DHS Medical/Dental Education
-  **6** FQHC

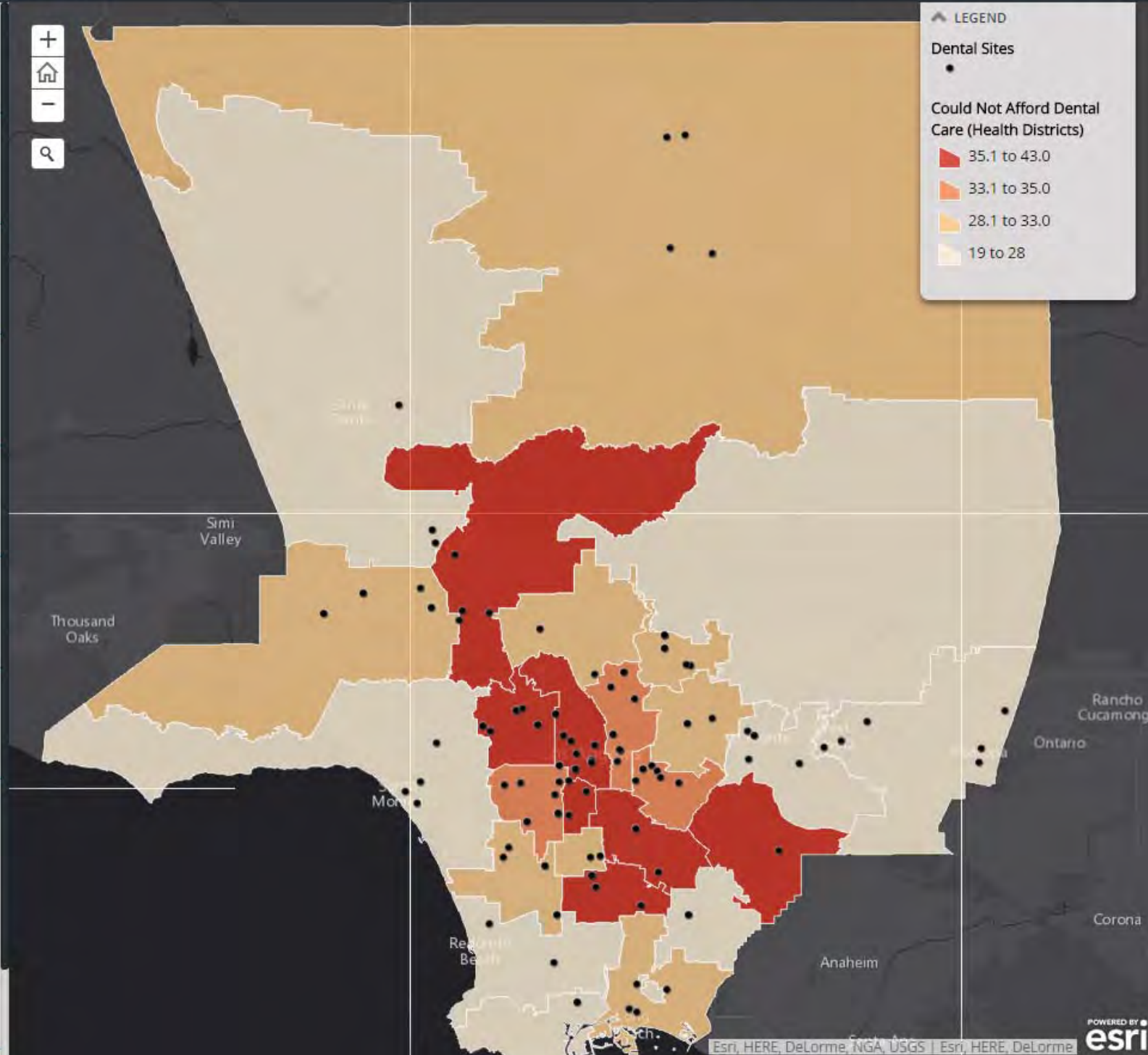
Federally Qualified Health Centers (FQHC) in Los Angeles County that offer free or low-cost dental services.
-  **7** School-Based
-  **8** Could Not Afford Dental Care

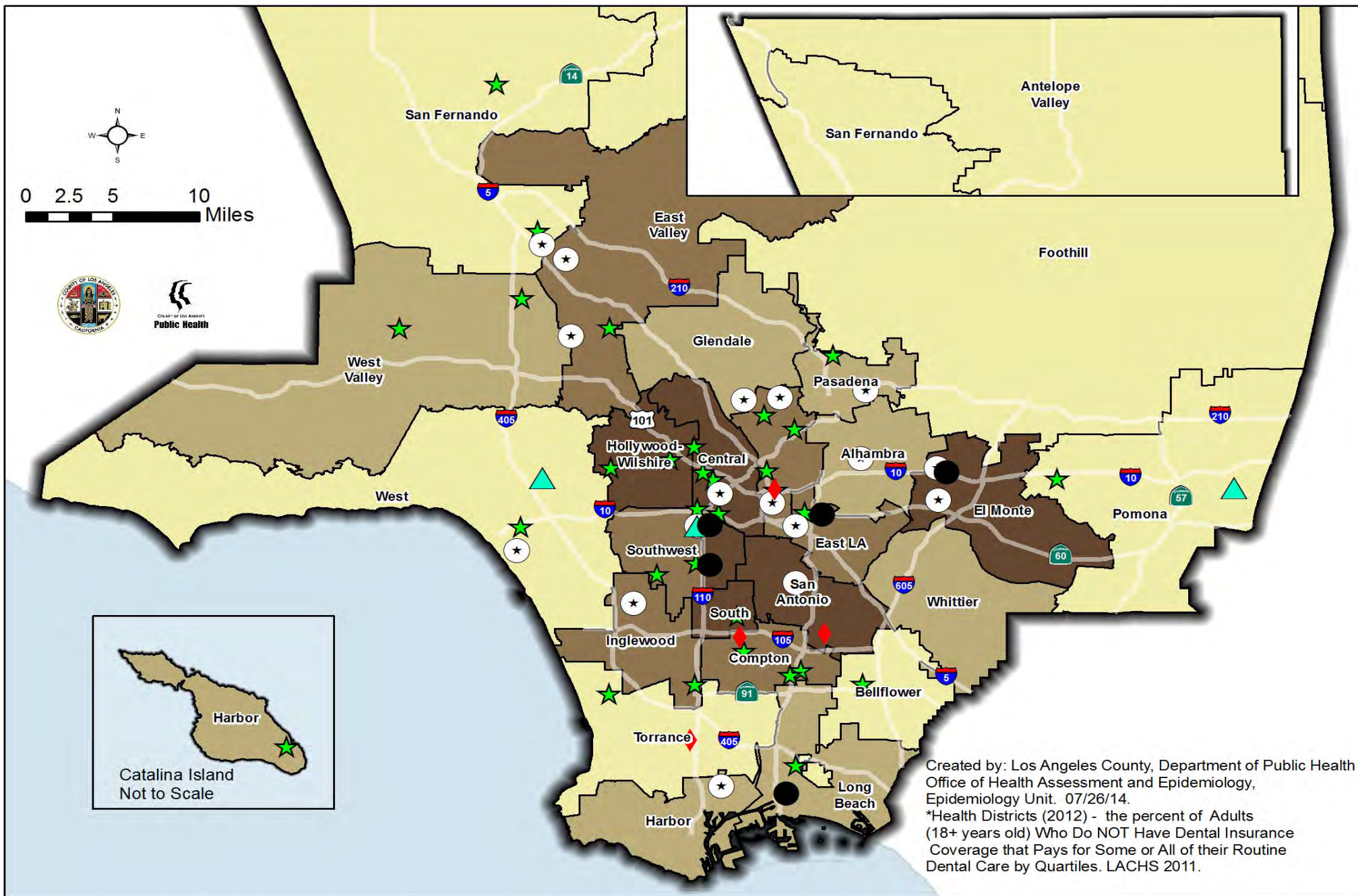


- 1 Dental Sites (All)
- 2 Community Clinics
- 3 Comprehensive Health Centers
- 4 Dental Schools
- 5 DHS Medical/Dental Education
- 6 FQHC
- 7 School-Based
- School-based dental services in Los Angeles County.
- 8 Could Not Afford Dental Care
- 9 Have Dental Insurance











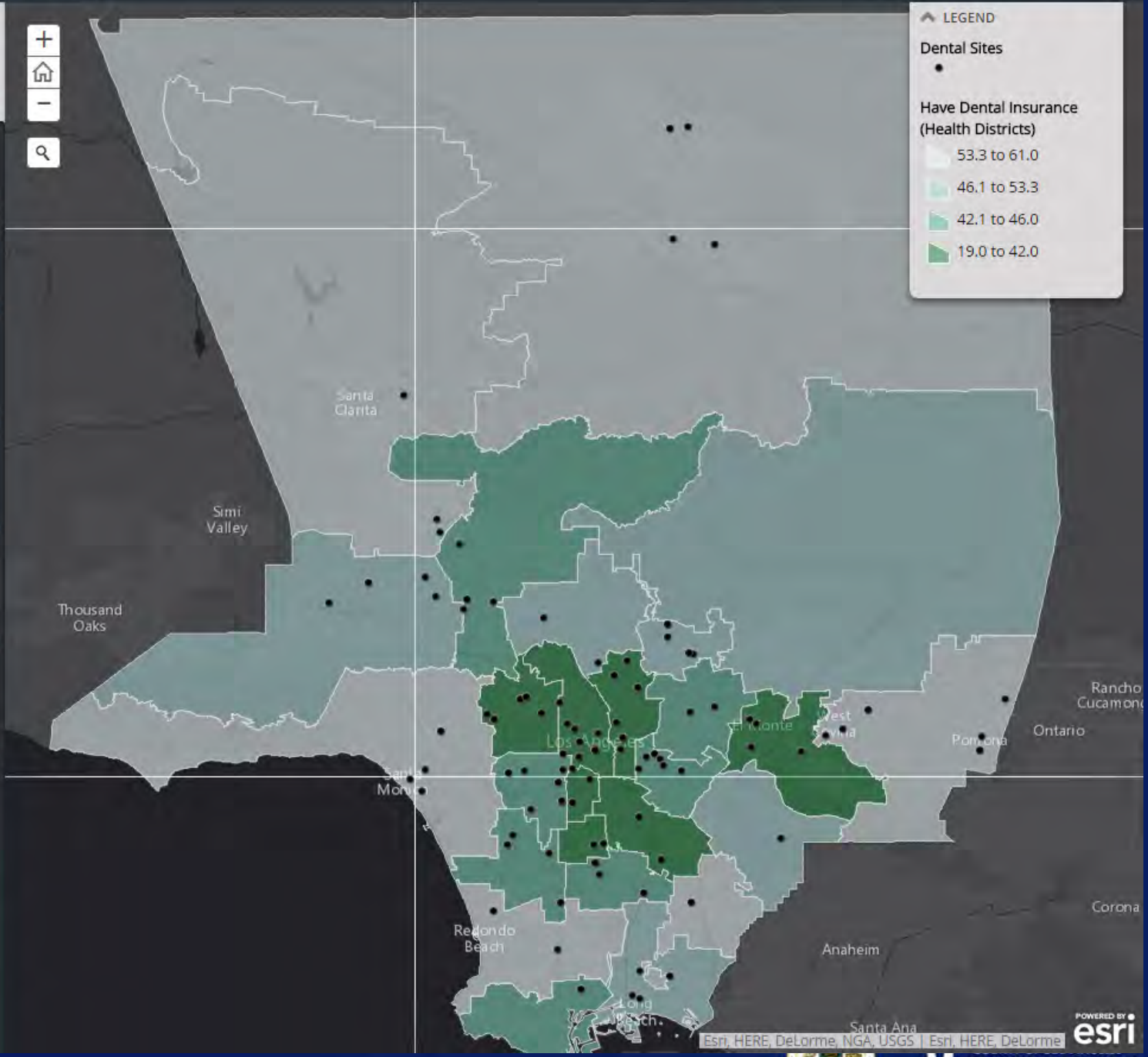
-  **1** Dental Sites (All)
 -  **2** Community Clinics
 -  **3** Comprehensive Health Centers
 -  **4** Dental Schools
 -  **5** DHS Medical/Dental Education
 -  **6** FQHC
 -  **7** School-Based
 -  **8** Could Not Afford Dental Care
- Percent of Adults (18+ years old) Unable to Obtain Dental Care (Including Check-Ups) (in the past year) Because They Could Not Afford it





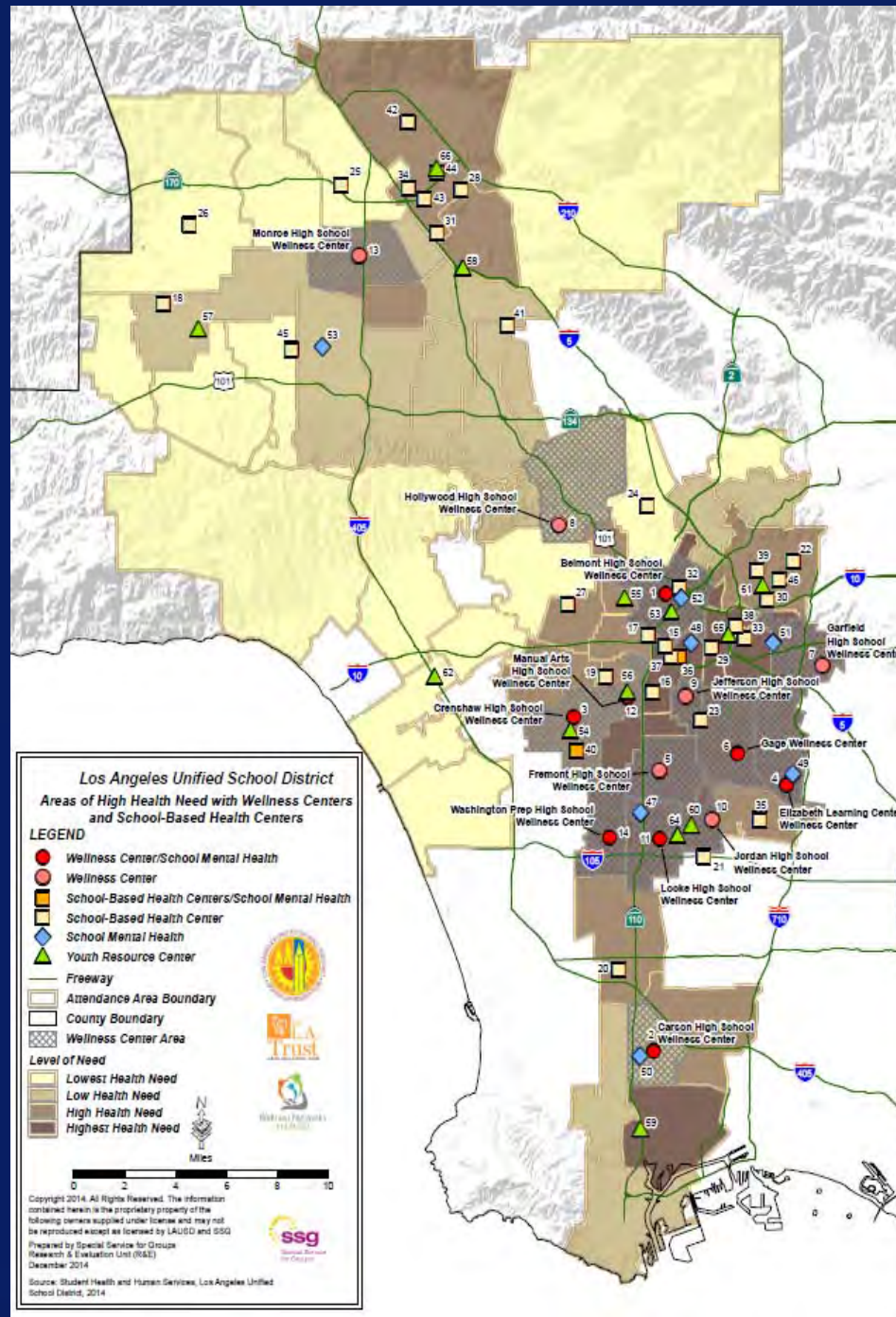
- Comprehensive Health Centers Dental Services
 - ◆ DHS Medical/Dental Education
 - ▲ Dental Schools
 - ★ My Health LA (MHLA)
 - ☆ Non-funded by DHS
- No Dental Insurance***
- | | |
|-----------------|-----------------|
| ■ 58.0% - 80.6% | ■ 46.8% - 55.0% |
| ■ 55.1% - 57.9% | ■ 39.2% - 46.7% |

-  **2** Community Clinics
 -  **3** Comprehensive Health Centers
 -  **4** Dental Schools
 -  **5** DHS Medical/Dental Education
 -  **6** FQHC
 -  **7** School-Based
 -  **8** Could Not Afford Dental Care
 -  **9** Have Dental Insurance
- Percent of Adults (18+ years old) Who Have Dental Insurance Coverage that Pays for Some or All of their Routine Dental Care

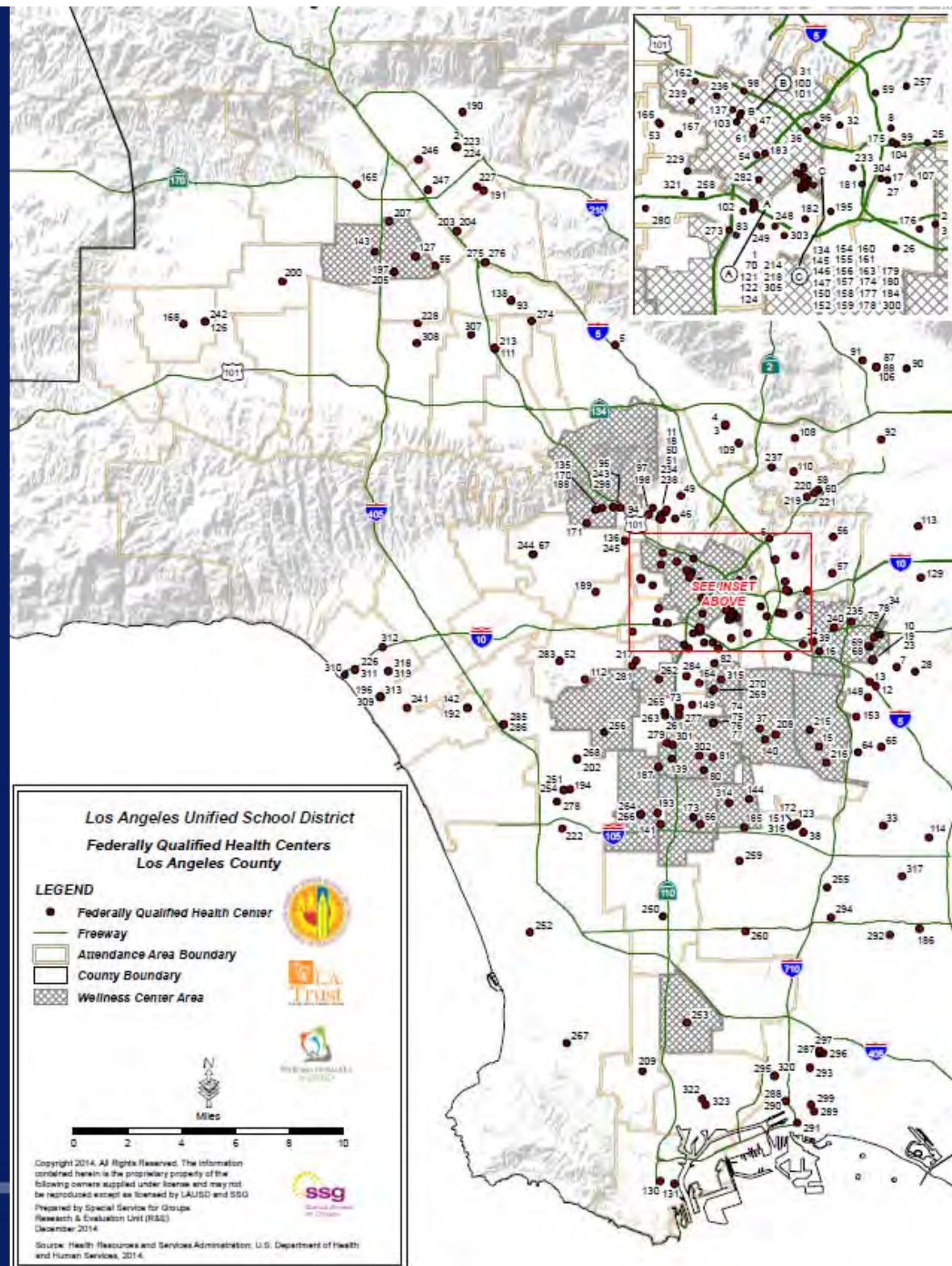


LAUSD Map

Areas of High Health Need with Wellness Centers and School-Based Health Centers

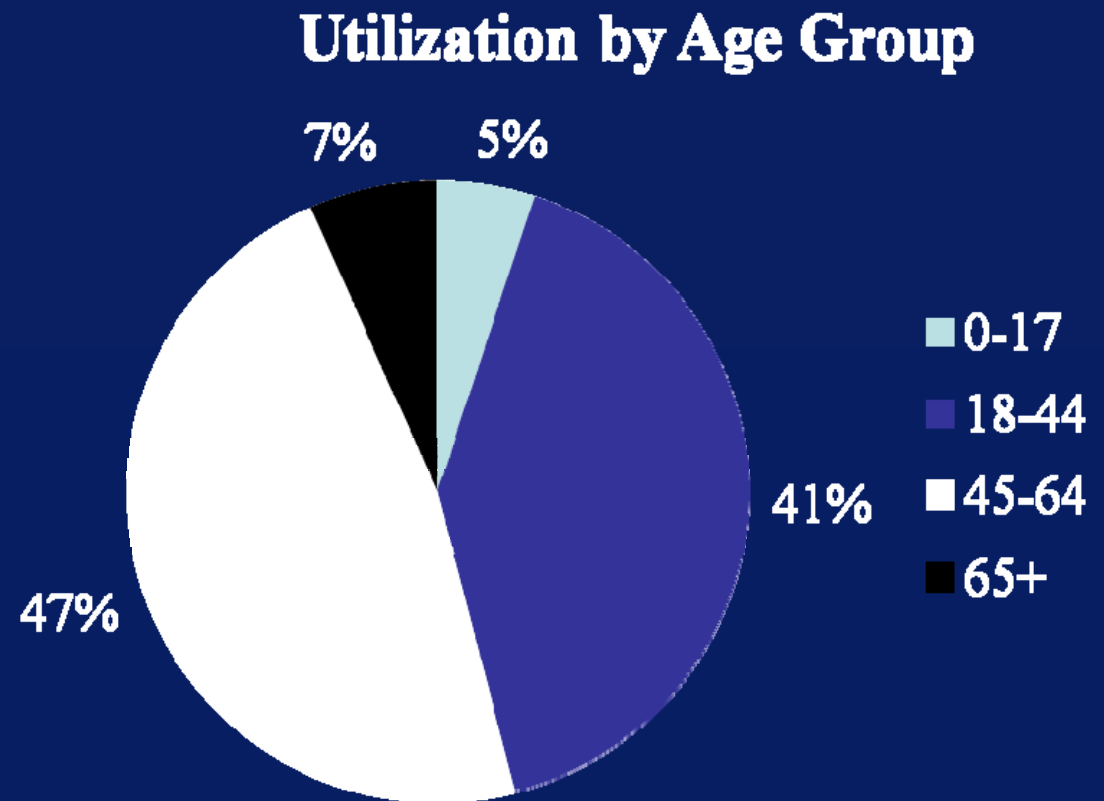


LAUSD Map Federally Qualified Health Centers



Patient Demographics: AGE

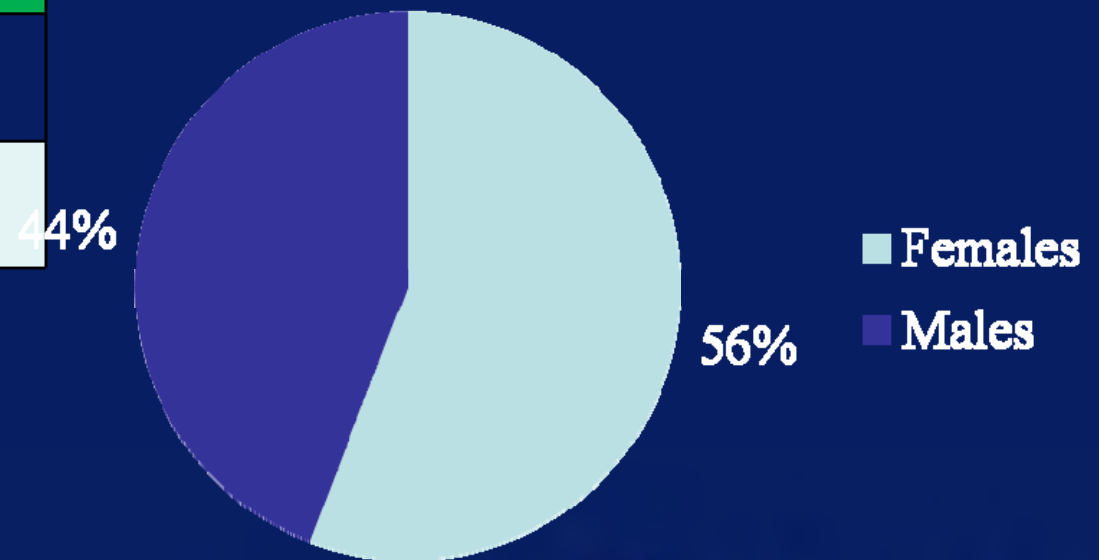
Number of Patients (FY 2012-13)		
Age Group	Number	Percent
0-4	122	0.4
5-14	753	2.6
15-17	609	2.1
18-24	2,310	7.8
25-34	4,589	15.5
35-44	5,189	17.6
45-54	7,094	24.0
55-64	6,919	23.4
65+	1,990	6.7
TOTAL	29,575	100.0



Patient Demographics: GENDER

Number of Patients (FY 2012-13)		
Gender	Number	Percent
Female	16,513	55.8
Male	13,060	44.2
Unknown	2	0.0
TOTAL	29,575	100.0

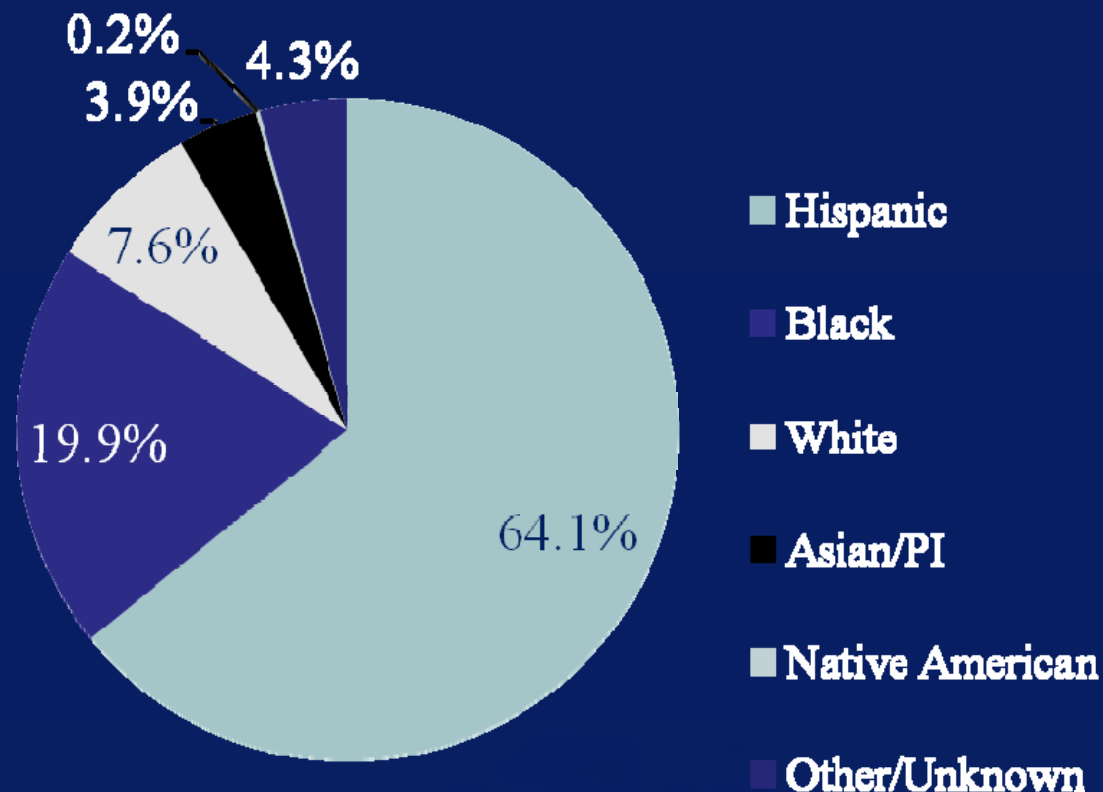
Utilization by Gender



Patient Demographics: RACE/ETHNICITY

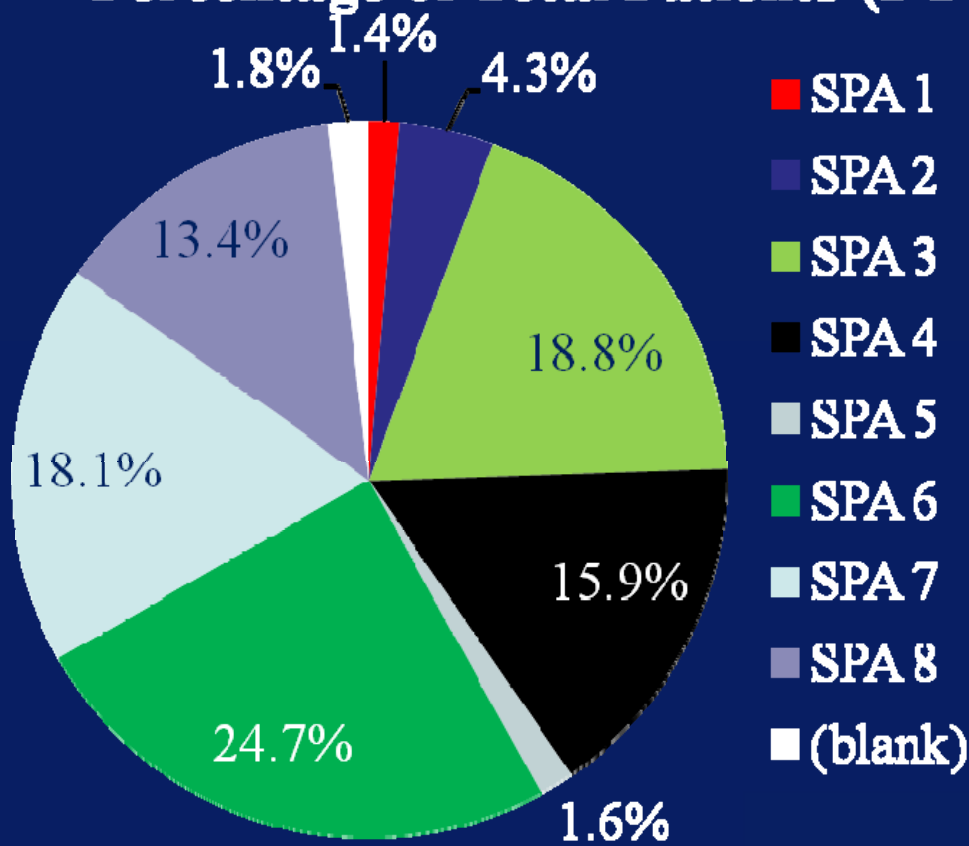
Number of Patients (FY 2012-13)		
Race/Ethnicity	Number	Percent
Hispanic	18,956	64.1
Black	5,892	19.9
White	2,242	7.6
Asian/Pi	1,151	3.9
Native American	71	0.2
Other/Unknown	1,263	4.3
TOTAL	29,575	100.0

Utilization by Race/Ethnicity



Patient Demographics: Patients by SPA

Percentage of Total Patients (FY 2012-13)

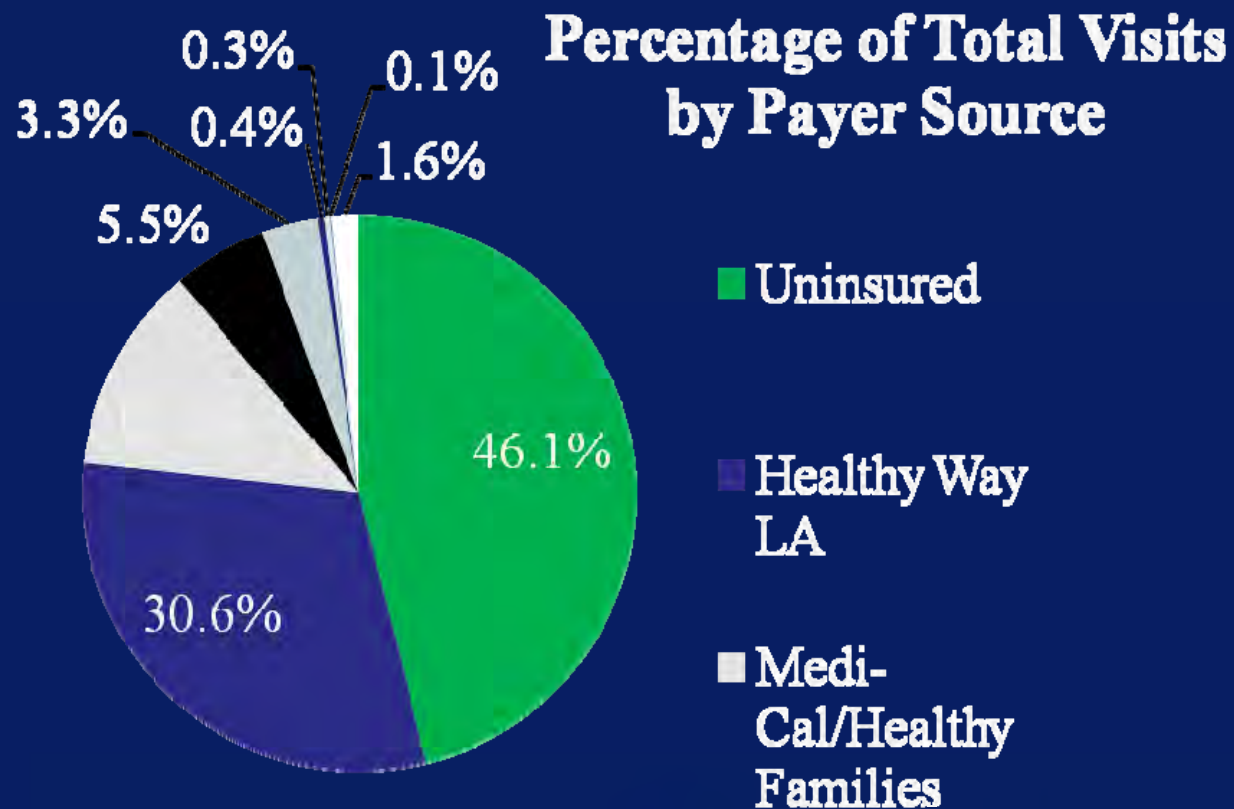


Note: SPA information derived from utilization by zip code



Total Outpatient Visits by Payer Source

Outpatient Dental Visits by Payer Source (Fiscal Year 2012/2013)*	
Payer Source	Number
Uninsured (HWLA Unmatched)	29,942
Healthy Way LA Matched	19,868
Medi-Cal/Healthy Families	7,868
Seniors and Persons with Disabilities	3,577
Medicare/Medi-Cal	2,130
Private	265
Medicare	195
California Children's Services	47
Unknown	1,024
TOTAL	64,916





Fluoridation Status of LAC Cities & Adults That Could Not Afford Dental Care in 2014

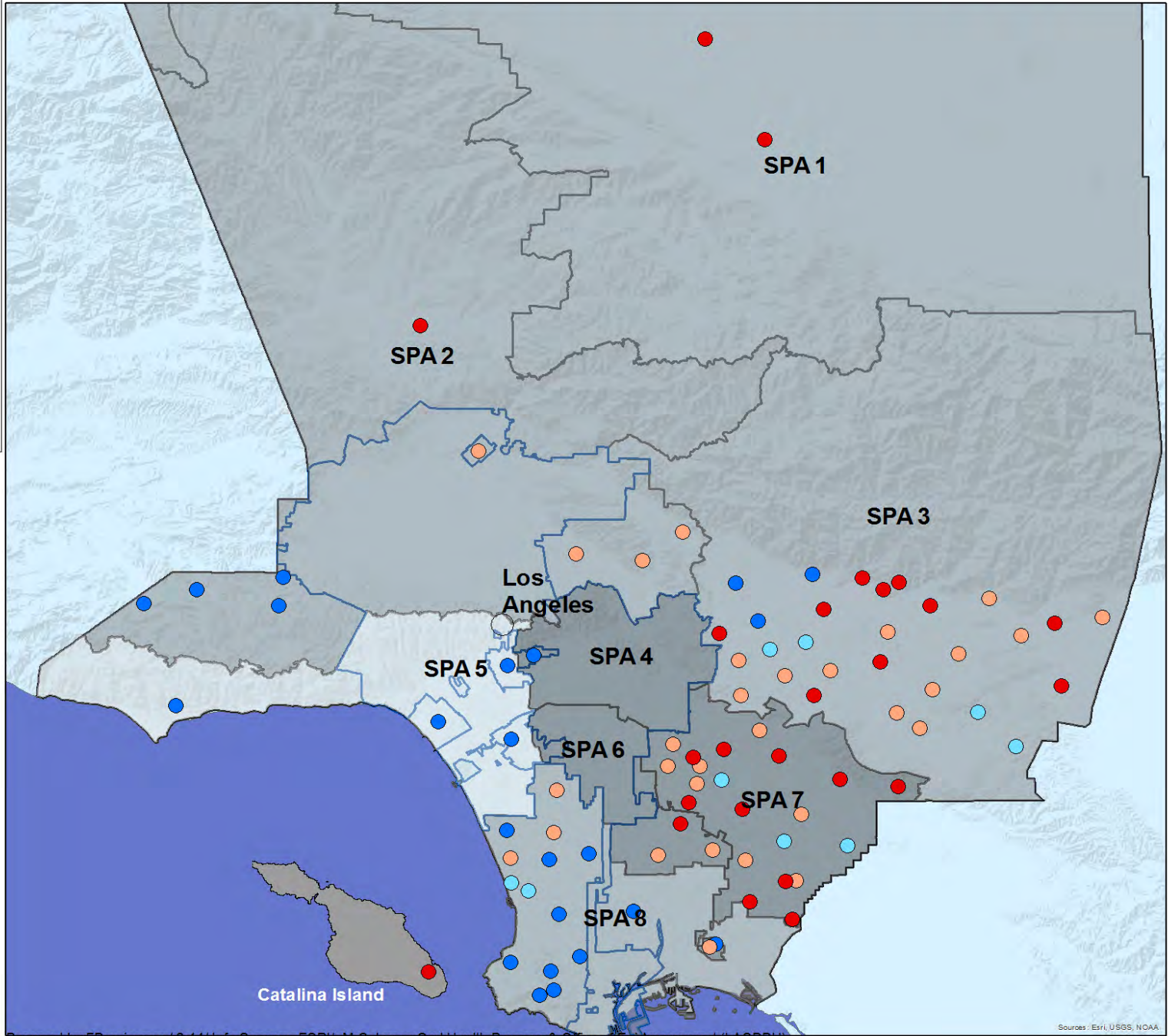
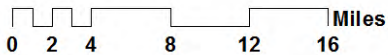
LAC City Fluoridation Status

- Optimally
- Nearly-Optimally
- Partially
- Non

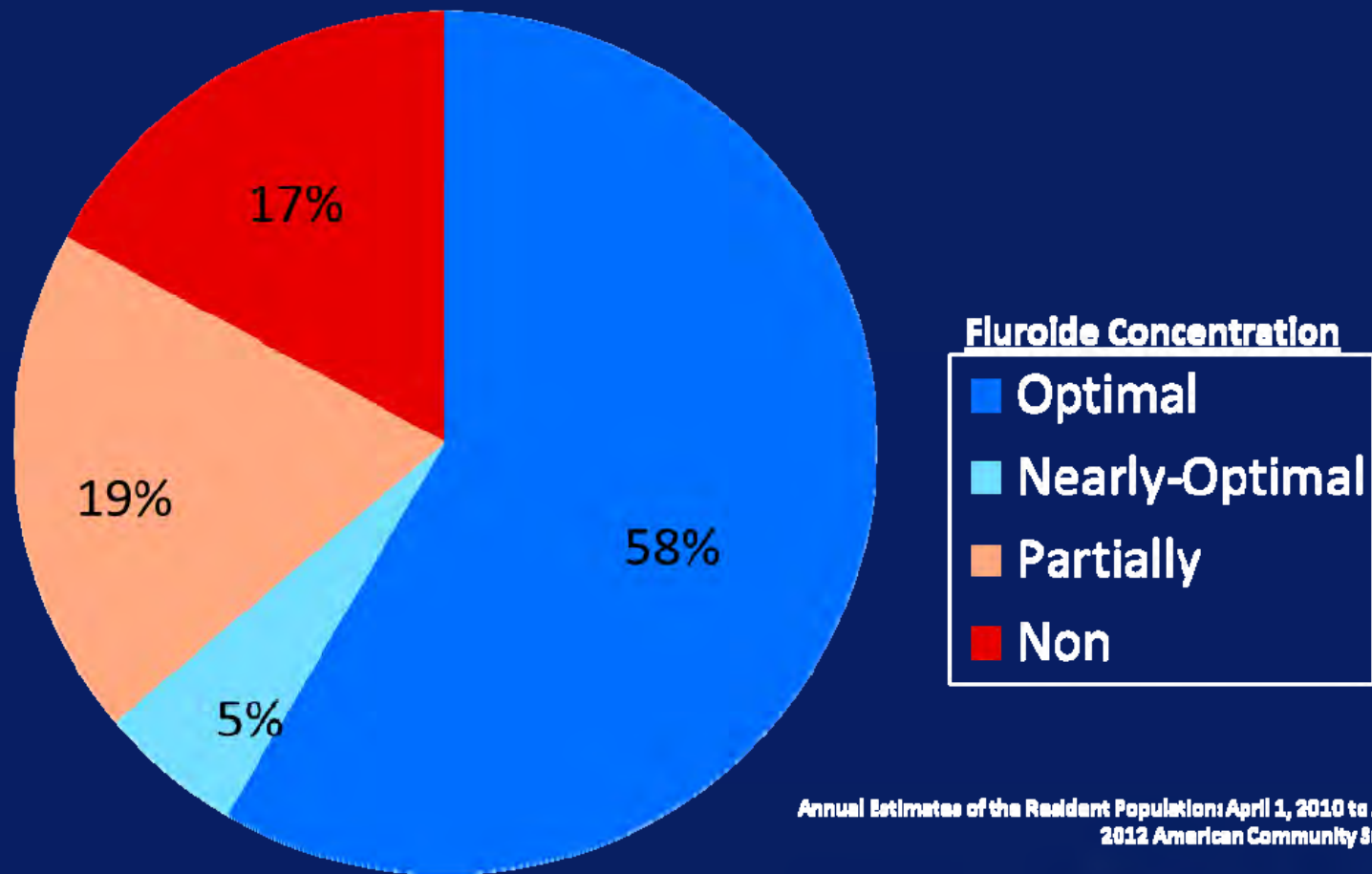
Los Angeles-Optimally

Adults Not Afford Dental Care

- 19% - 25.3%
- 25.4% - 31.7%
- 31.8% - 38%



Percentage of LAC population on public water systems receiving fluoridated water (88 cities)



Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2012 American Community Survey



Questions





Thank you!!

