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 2\(^{nd}\) 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 that 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
• **QUEENSCARE FAMILY CLINICS:**
  - Eagle Rock
  - Echo Park
  - Hollywood
  - Sunol
  - East LA

• **THE SABAN FREE CLINIC:**
  - North Hollywood and
  - Next to the Beverly Center
• **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
Dental Services in Los Angeles County

Description

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

Properties

URL
http://www.arcois.com/aocs/MaoSeries/?appid=8d3ecc2c44b44e8e96be77d483e2e9ad
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
Dental Services in Los Angeles County

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
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
Dental Services in Los Angeles County

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
Dental Sites (All)

Community Clinics

Comprehensive Health Centers

Dental Schools

DHS Medical/Dental Education

FQHC

School-Based

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
Dental Services in Los Angeles County

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
# Patient Demographics: AGE

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>122</td>
<td>0.4</td>
</tr>
<tr>
<td>5-14</td>
<td>753</td>
<td>2.6</td>
</tr>
<tr>
<td>15-17</td>
<td>609</td>
<td>2.1</td>
</tr>
<tr>
<td>18-24</td>
<td>2,310</td>
<td>7.8</td>
</tr>
<tr>
<td>25-34</td>
<td>4,589</td>
<td>15.5</td>
</tr>
<tr>
<td>35-44</td>
<td>5,189</td>
<td>17.6</td>
</tr>
<tr>
<td>45-54</td>
<td>7,094</td>
<td>24.0</td>
</tr>
<tr>
<td>55-64</td>
<td>6,919</td>
<td>23.4</td>
</tr>
<tr>
<td>65+</td>
<td>1,990</td>
<td>6.7</td>
</tr>
<tr>
<td>TOTAL</td>
<td>29,575</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**Utilization by Age Group**

- 0-17: 7%
- 18-44: 41%
- 45-64: 47%
- 65+: 5%
Patient Demographics: GENDER

Number of Patients (FY 2012-13)

<table>
<thead>
<tr>
<th>Gender</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>16,513</td>
<td>55.8</td>
</tr>
<tr>
<td>Male</td>
<td>13,060</td>
<td>44.2</td>
</tr>
<tr>
<td>Unknown</td>
<td>2</td>
<td>0.0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>29,575</td>
<td>100.0</td>
</tr>
</tbody>
</table>

Utilization by Gender

- Females: 56%
- Males: 44%
### Patient Demographics: RACE/ETHNICITY

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic</td>
<td>18,956</td>
<td>64.1</td>
</tr>
<tr>
<td>Black</td>
<td>5,892</td>
<td>19.9</td>
</tr>
<tr>
<td>White</td>
<td>2,242</td>
<td>7.6</td>
</tr>
<tr>
<td>Asian/Pi</td>
<td>1,151</td>
<td>3.9</td>
</tr>
<tr>
<td>Native American</td>
<td>71</td>
<td>0.2</td>
</tr>
<tr>
<td>Other/Unknown</td>
<td>1,263</td>
<td>4.3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>29,575</strong></td>
<td><strong>100.0</strong></td>
</tr>
</tbody>
</table>

#### Utilization by Race/Ethnicity

- Hispanic: 64.1%
- Black: 19.9%
- White: 7.6%
- Asian/Pi: 3.9%
- Native American: 0.2%
- Other/Unknown: 4.3%

**TOTAL: 100.0%**
Patient Demographics: Patients by SPA

Percentage of Total Patients (FY 2012-13)

- SPA 1: 4.3%
- SPA 2: 1.4%
- SPA 3: 13.4%
- SPA 4: 18.1%
- SPA 5: 18.8%
- SPA 6: 24.7%
- SPA 7: 1.6%
- (blank): 1.8%

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)*

<table>
<thead>
<tr>
<th>Payer Source</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uninsured (HWLA Unmatched)</td>
<td>29,942</td>
</tr>
<tr>
<td>Healthy Way LA Matched</td>
<td>19,868</td>
</tr>
<tr>
<td>Medi-Cal/Healthy Families</td>
<td>7,868</td>
</tr>
<tr>
<td>Seniors and Persons with Disabilities</td>
<td>3,577</td>
</tr>
<tr>
<td>Medicare/Medi-Cal</td>
<td>2,130</td>
</tr>
<tr>
<td>Private</td>
<td>265</td>
</tr>
<tr>
<td>Medicare</td>
<td>195</td>
</tr>
<tr>
<td>California Children's Services</td>
<td>47</td>
</tr>
<tr>
<td>Unknown</td>
<td>1,024</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>64,916</strong></td>
</tr>
</tbody>
</table>

#### Percentage of Total Visits by Payer Source

- **Uninsured**: 46.1%
- **Healthy Way LA**: 30.6%
- **Medi-Cal/Healthy Families**: 5.5%
- **Medicare**: 3.3%
- **Private**: 0.4%
- **Medicare/Medi-Cal**: 0.3%
- **California Children's Services**: 0.1%
- **Unknown**: 1.6%
Percentage of LAC population on public water systems receiving fluoridated water (88 cities)

- 58% Optimal
- 19% Nearly-Optimal
- 17% Partially
- 5% Non

Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2013 American Community Survey
Questions
Thank you!!