Infant, Child and Teen Health Assessment

UPDATED 12.21.17
Demographics
There are more than 25,000 children under 18 in Pasadena. That is about 18% of the almost 140,000 people in Pasadena.

Demographic Profile: Children Ages <18 years

Number of children less than 18 years of age in Pasadena, 2009-2015

Demographics

Demographic Profile: Children Ages <18 years

47% of the children identify as Hispanic

95% of the children in Pasadena were born in the United States.

Almost **7.4%** of the Greater Pasadena Families lived below the poverty level.

A single parent with two kids needs to earn around **$30.92/hr.**

The ZIP codes with the highest socioeconomic need were **91103, 91104** and **91101**.

Demographic Profile: Socioneeds Index Map 2016

Source: Health Communities Institute with data from Nielsen Claritas. 2016.
The child dependency ratio is derived by dividing the population under 18 by the 18-to-64 population and multiplying by 100.

Demographic Profile: Vulnerable Populations

1.6% of the children live with a disability.

96% of homeless families were sheltered.

1.2% of the children live in foster care or other unrelated guardian.

Cohort Graduation Rates (2011-2015)

Source: Data collected by the California Department of Education (CDE) through the California Longitudinal Pupil Achievement Data System (CALPADS). Accessed using the Ed-Data system online at: http://www.ed-data.org/district/Los-Angeles/Pasadena-Unified
Healthy Early Childhood Development
• The Early Development Instrument (EDI) is a population measure of how young children are developing in communities in the United States.

• The five (5) measure areas are:
  > Physical health and wellbeing
  > Social competence
  > Emotional maturity
  > Language and cognitive skills, and
  > Communication skills and general knowledge
EDI 2013: Children Vulnerable on two or more developmental domains in Pasadena, Altadena and Sierra Madre Neighborhoods

<table>
<thead>
<tr>
<th>ID</th>
<th>Neighborhood</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Altadena, North Central**</td>
<td>14%</td>
</tr>
<tr>
<td>2</td>
<td>Altadena, North East**</td>
<td>6%</td>
</tr>
<tr>
<td>3</td>
<td>Altadena, North West**</td>
<td>16%</td>
</tr>
<tr>
<td>4</td>
<td>Altadena, South Central**</td>
<td>5%</td>
</tr>
<tr>
<td>5</td>
<td>Altadena, South East**</td>
<td>7%</td>
</tr>
<tr>
<td>6</td>
<td>Altadena, South West</td>
<td>6%</td>
</tr>
<tr>
<td>7</td>
<td>East Pasadena**</td>
<td>8%</td>
</tr>
<tr>
<td>8</td>
<td>East San Gabriel**</td>
<td>3%</td>
</tr>
<tr>
<td>9</td>
<td>Pasadena, East Central**</td>
<td>10%</td>
</tr>
<tr>
<td>10</td>
<td>Pasadena, Mid Central</td>
<td>7%</td>
</tr>
<tr>
<td>11</td>
<td>Pasadena, North Arroyo**</td>
<td>11%</td>
</tr>
<tr>
<td>12</td>
<td>Pasadena, North Central</td>
<td>12%</td>
</tr>
<tr>
<td>13</td>
<td>Pasadena, North East</td>
<td>6%</td>
</tr>
<tr>
<td>14</td>
<td>Pasadena, South</td>
<td>12%</td>
</tr>
<tr>
<td>15</td>
<td>Pasadena, South Arroyo**</td>
<td>13%</td>
</tr>
<tr>
<td>16</td>
<td>Pasadena, South East**</td>
<td>11%</td>
</tr>
<tr>
<td>17</td>
<td>Pasadena, West Central</td>
<td>13%</td>
</tr>
<tr>
<td>18</td>
<td>Sierra Madre**</td>
<td>4%</td>
</tr>
</tbody>
</table>

** EDI data collection is less than 70% of the estimated kindergarten population; interpret with caution.
Infant Mortality Rates by Race among Pasadenans (2005-2016*)

*2016 Data as of March 23, 2017. Considered tentative for 1 year.

Rate of Low Birth Weight and Very Low Birthweight Infants, 2010-2016*

*2016 Data as of January 10, 2017. Considered tentative for 1 year.

Healthy Early Childhood Development

Early Developmental Indicators: C-Section Rates

Percent of Births by Cesarean Section among Pasadenaans, 2010-2016*

*2016 Data as of January 10, 2017. Considered tentative for 1 year.

Healthy Early Childhood Development

Early Developmental Indicators: Prenatal Care

Percent of Pasadena Mothers who Reported Receiving Prenatal Care in the First Trimester, 2010-2016*

88.0%

< HP2020 Goal, 77.9

*2016 Data as of January 10, 2017. Considered tentative for 1 year.

In 2016, Asian and White women received prenatal care in the first trimester at higher rates than Black and White (Hispanic) women.....

*2016 Data as of January 10, 2017. Considered tentative for 1 year.

Preterm Births in Pasadena, 2006-2015

Healthy Early Childhood Development

Early Developmental Indicators: Teen Birth Rates

Rate of Births to Teens per 1,000 Females (Ages 15-19), 2007-2016*

Almost a 74% reduction over 10 years...

Source: Count of Females for Pasadena by year was obtained from the ACS 5-year estimates from 2009-2015.

*2016 Data as of January 10, 2017. Considered tentative for 1 year.
In 2013-2014, the percentage of children and teens who had asthma was:

19.3% in the San Gabriel Valley.

15.0% in California.

Strengthening Family & Community Connections
Among public and private students ages 11-18 in the PUSD service area...

- **9.3%** reported racial discrimination from youth.
- **9.8%** reported racial discrimination from adults.
- **39.3%** witnessed fights at least monthly.
- **10.0%** were threatened with a weapon on school property.
- **23.8%** reported being bullied that school year.

Source: Pasadena Public Health Department, Youth Master Plan Survey Results. 2013. Available online at http://www.cityofpasadena.net/publichealth/Records_and_Reports
Among public and private students ages 11-18 in the PUSD service area…

- 89.1% felt their family was supportive.
- 64.2% felt safe on campus.
- 83.0% felt there was an adult or organization they can go to with problems.

Source: Pasadena Public Health Department, Youth Master Plan Survey Results. 2013. Available online at [http://www.cityofpasadena.net/publichealth/Records_and_Reports](http://www.cityofpasadena.net/publichealth/Records_and_Reports)
Percent of Students who have Ever Tried the Substance, 2014-2015

- **Grade 7:**
  - Whole Cigarette: 2.0%
  - Smokeless Tobacco: 2.0%
  - E-Cigarette or other vaping device: 16.0%

- **Grade 9:**
  - Whole Cigarette: 8.0%
  - Smokeless Tobacco: 4.0%
  - E-Cigarette or other vaping device: 29.0%

- **Grade 11:**
  - Whole Cigarette: 15.0%
  - Smokeless Tobacco: 4.0%
  - E-Cigarette or other vaping device: 34.0%

Percent of students who have never had a full alcoholic drink, 2014-2015

- Grade 7: 80.0%
- Grade 9: 63.0%
- Grade 11: 50.0%

Special Education Enrollment by Disability in PUSD-Service Area (AY15-16)

Rate of minor and young adult perpetration of violent crimes in Pasadena (ages 10-24), 2011-2016

Source: Pasadena Police Department, 2011-2016. Data restricted to young people ages 10-24. 2016. Rates calculated with ACS 1-year estimates. The numerator was defined as the number of arrests of juveniles aged 10 to 17 years and young adults aged 18 to 24 years for crimes included in the Violent Crime Index (murder and non-negligent manslaughter, forcible rape, robbery, and aggravated assault).
Rate of minor and young adult victimization from crimes of violence in Pasadena (ages 10-24), 2011-2016

Source: Pasadena Police Department, 2011-2016. Data restricted to young people ages 10-24. 2016. Rates calculated with ACS 1-year estimates. The numerator was defined as the number of rapes/sexual assaults, robberies, aggravated assaults, and simple assaults experienced by persons aged 10 to 24 years living in households.
Healthy Weight
Among adolescents (ages 12-17) living in the San Gabriel Valley…

- **18.3%** were overweight for their age.
- **53.6%** ate 2+ fruit servings/day.
- **20.9%** ate 5+ servings of fruit or vegetables/day.
- **57.3%** ate fast food >one time last week.

Grocery and Convenience Stores in Pasadena, 2016

Healthy Weight

Nutrition and Physical Activity: Physical Exams Results (PUSD)

Percent of Students at Health Risk on Physical Fitness Exams by Grade in PUSD (2011-2015)

Among children (<18 years) living in the San Gabriel Valley (SPA 3)…

- **10.2%** were not physically active for at least one hour in the past week.
- **83.7%** visited a park or other open space in the last month.
- **15.0%** spent more than 5 hours on sedentary activities on a typical weekday after school.

Healthy Weight

Nutrition and Physical Activity: Access to Open Spaces

Maps of Parks with Walking Distance Buffers and Schools Outside Buffers (2016)

Access to Health Benefits and Services
Access to Health Benefits and Services

Access to Care: Percent with Health Insurance

Percentage of People Living in Pasadena
Ages 18-64 Health Insurance by Employment (2010-2015)

Implementation of ACA

Percentage of People Living in Pasadena Ages 18-64 with Health Insurance: Comparison of 5-year and 1-year Census Estimates (2010-2015)

Source: U.S. Census Bureau, 2010-2015 American Community Survey 1-Year and 5-year Estimates.
Access to Health Benefits and Services

Access to Care: Percent with Health Insurance

Percentage of People Living in Pasadena with Health Insurance by Gender (2009-2015)

Implementation of ACA

## Access to Health Benefits and Services

### Access to Care: Percent with Health Insurance

#### Percentage of People Living in Pasadena with Health Insurance by Age and Gender (2015)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6</td>
<td>95.9%</td>
<td></td>
</tr>
<tr>
<td>6-17</td>
<td>98.4%</td>
<td>94.8%</td>
</tr>
<tr>
<td>18-24</td>
<td>74.3%</td>
<td>73.6%</td>
</tr>
<tr>
<td>25-34</td>
<td>77.3%</td>
<td>82.8%</td>
</tr>
<tr>
<td>35-44</td>
<td>80.3%</td>
<td>84.2%</td>
</tr>
<tr>
<td>45-54</td>
<td>84.3%</td>
<td>84.3%</td>
</tr>
<tr>
<td>55-64</td>
<td>89.4%</td>
<td>85.3%</td>
</tr>
<tr>
<td>65-74</td>
<td>98.3%</td>
<td>98.7%</td>
</tr>
<tr>
<td>75+</td>
<td>99.0%</td>
<td>99.6%</td>
</tr>
</tbody>
</table>

Percentage of Children and Teens (<18 years) who Have a Usual Place to go when Sick or Need Health Advice (2011-2015)

<table>
<thead>
<tr>
<th>Year</th>
<th>Has Usual Source of Care</th>
<th>Does Not Have a Usual Source of Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>84.1</td>
<td>15.9</td>
</tr>
<tr>
<td>2012</td>
<td>82.7</td>
<td>17.3</td>
</tr>
<tr>
<td>2013</td>
<td>80.7</td>
<td>19.3</td>
</tr>
<tr>
<td>2014</td>
<td>83.9</td>
<td>16.1</td>
</tr>
<tr>
<td>2015</td>
<td>84.6</td>
<td>15.4</td>
</tr>
</tbody>
</table>

In 2013-2014, the percentage of children (ages 2-11) who visited a dentist in the last year was:

- **SPA 3**: 68.2%
- **California**: 78.7%

Source: UCLA Center for Health Policy Research, California Health Interview Survey (CHIS).
The recommended ratio of nurse-to-student per National School Nurse Association is 1:750 and 1:250 if the school has a high number of medically fragile students.

PUSD currently has a ratio of 1:1,450 students.

Access to Health Benefits and Services

Access to Care: Mental Health

Among youth and teens in Pasadena and the San Gabriel Valley:

14.3% reported symptoms of anxiety.*
12.0% reported symptoms of depression.*
24.0% reported needing help for emotional/mental health problem.**
16.4% received psychological/emotional counseling in past year.**


The percentage of school-age children in PUSD who completed their mandated school-vaccines:

- **86%** for AY 14-15
- **98%** for AY 15-16

In 2015, CA removed the Personal Belief Exemption for school-mandated immunizations.

Access to Care: Physical Health

Rates of Selected Vaccine Preventable Diseases in Pasadena (2011-2015)

- Measles
- Pertussis (Whooping Cough)

Source: Pasadena Public Health Department. 2016.
Contact Us

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