




# Lake County Children's Health Profile



Medical Director Forum  
May 21<sup>st</sup>, 2021



# About this Profile

- As health care professionals, we know social and economic factors dramatically impact health. In this Report, we focus on the health and social well-being of children in our local communities. Data is displayed from Partnership HealthPlan, ChildrenNow reports and Robert Wood Johnson (RWJ) County Health Ranking to create an overall profile of the health of our children.

## Partnership HealthPlan Data

(for PHC members only):

- Enrollment and ethnicity by county
- 2020 QIP outcomes by county and ethnicity
- Blood lead screening by county & PCP site
- Behavioral health use rates
- ACEs Screenings by county
- Developmental Screenings by county

## ChildrenNow & RWJ County Health Rankings

(for all children in the county):

- Perinatal health factors
- Income, poverty and food security
- Well child health metrics
- Elementary and high school outcomes
- Student mental health factors

# Partnership HealthPlan

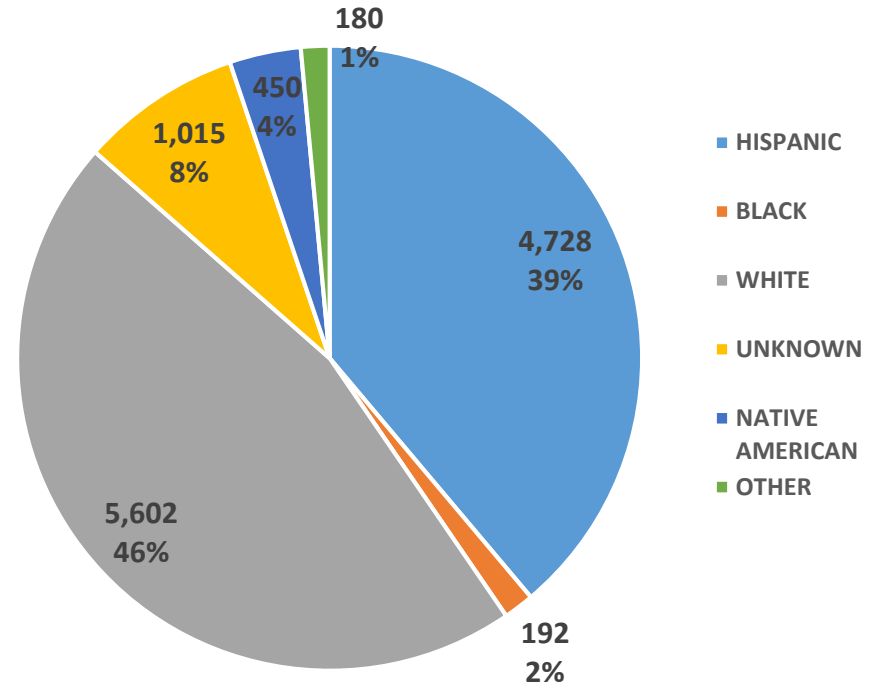
## Lake County Children's Demographics



### Total Members (April 2021)

|               |               |              |
|---------------|---------------|--------------|
| <b>0 - 20</b> | <b>12,167</b> | <b>38.0%</b> |
| 21 - 64       | 16,754        | 52.3%        |
| 65+           | 3,116         | 9.7%         |
| <b>Total</b>  | <b>32,037</b> | <b>100%</b>  |

### Children Race/Ethnicity



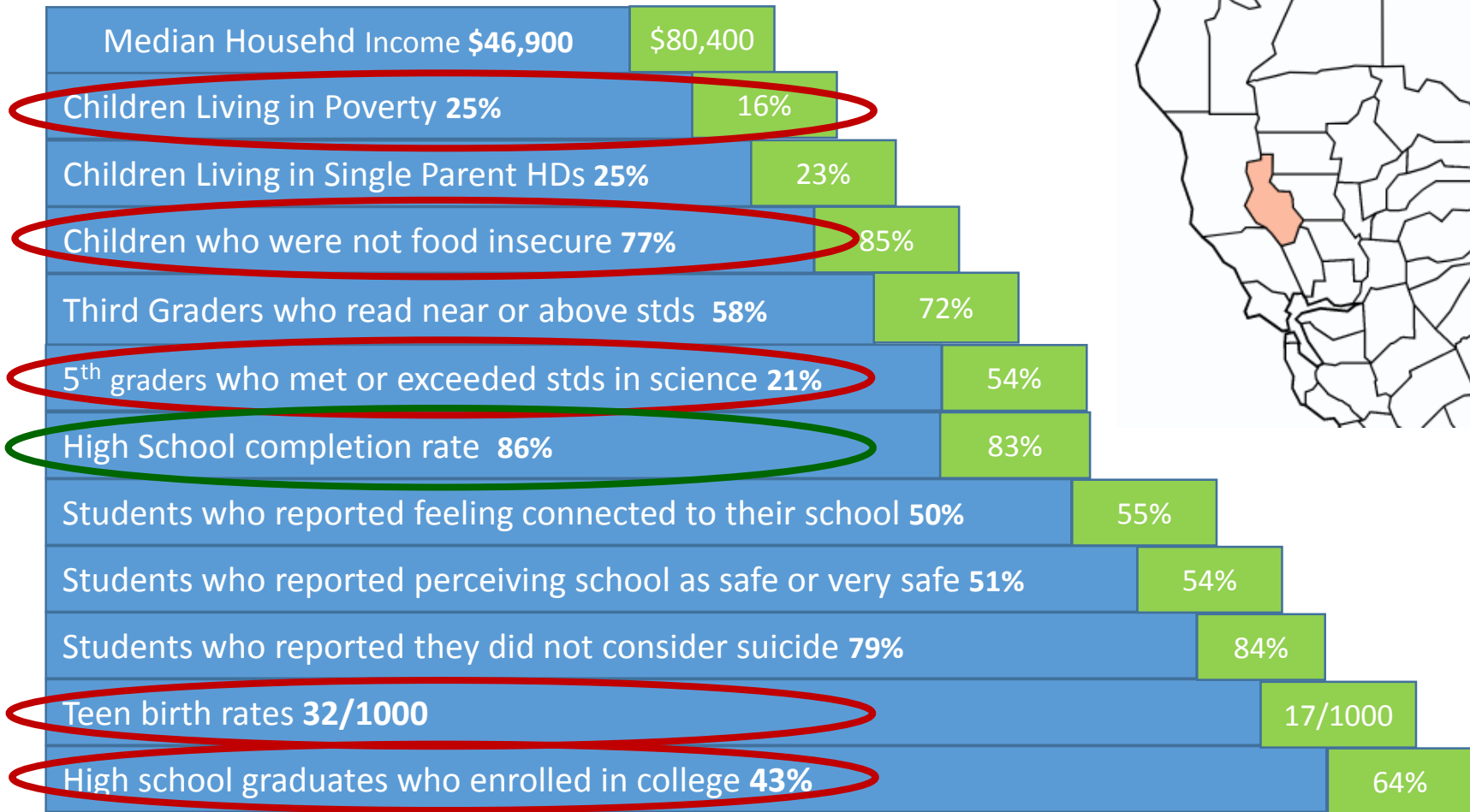
### Highlights

- 12,167 members under age 21 (38%)
- 46% White
- 39% of children Hispanic
- 4% Native American
- 2% Black
- 391 (3.2%) enrolled in CCS



# Lake County Social & Economic Factors Matter

County Data      State Average



Data Source: ChildrenNow & RWJ County Health Ranking

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# Lake County Health Outcomes

*Where is my County doing well or can improve?*

## Highlights

- 73% of women receive timely prenatal care
- 66% of newborns exclusively breastfed in hospital
- 62% of students met 4 of 6 fitness stds.
- ~ 1 in 10 adolescents vaccinated for HPV



Newborns exclusively breastfed **66%** (70%)

Prenatal care in 1<sup>st</sup> trimester **73%** (84%)

Newborns not low birthwt **93%** (93%)

Kindergarteners up-to-date on immz. **92%** (95%)

Students who met 4 of 6 fitness stds **62%** (70%)

13 yo vaccinated for HPV **13%** (28%)

Children on Medi-Cal with annual preventative exam **39%** (41%)

**Data Source:** ChildrenNow & RWJ County Health Ranking, County Average **XX%**, State average (XX%)

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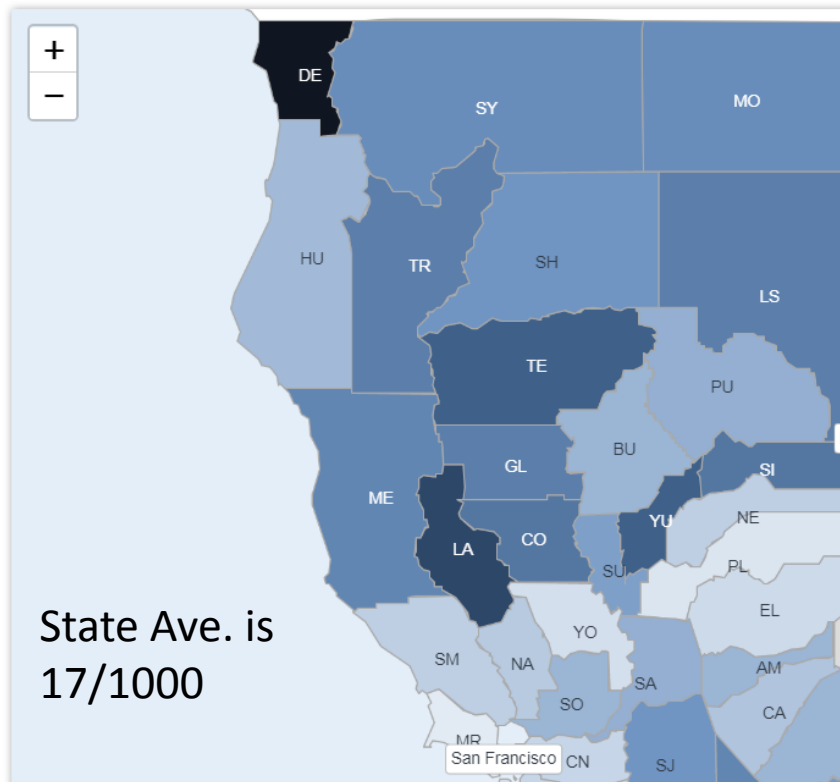
# Lake County Teen Births by Ethnicity

## Let's look at teen births in our community

Number of births per 1,000 female population ages 15-19.

The 2021 County Health Rankings used data from 2013-2019 for this measure.

Map | [Data](#) | [Description](#) | [Data Source](#) | [Strategies](#)



### Lake County Teen Births by Ethnicity (2013-2019)

|                                 | Value     | Error Margin |
|---------------------------------|-----------|--------------|
| <b>Teen Birth Rate</b>          | <b>32</b> | <b>29-35</b> |
| American Indian & Alaska Native | 53        | 34-79        |
| Hispanic                        | 44        | 38-51        |
| White                           | 24        | 20-28        |

### Highlights

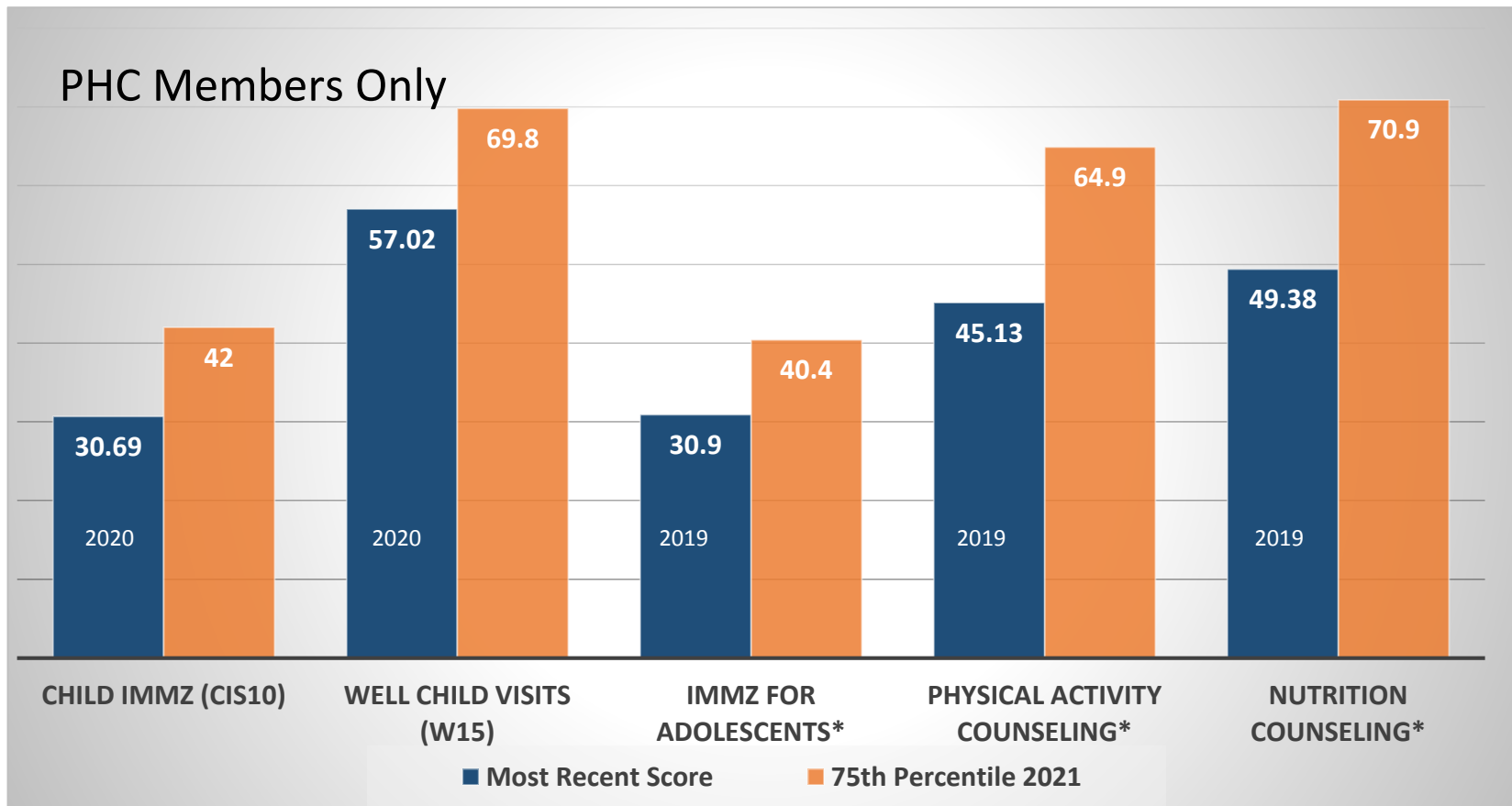
- Lake County teen birth rate of 32/1000 is well above the State average of 17/1000
- Looking at births by ethnicity, American Indian & Alaska Natives and Hispanic women are above the County average
- New annual adolescent well visits are an opportunity to address teen birth preventative measures.



# Lake County QIP Outcomes

## Most Recent QIP Scores Vs. 2021 Benchmark

How close are the County 2019 and 2020 QIP Scores from the 2021 Benchmark?



Data Source: 2020 Partnership HealthPlan QIP

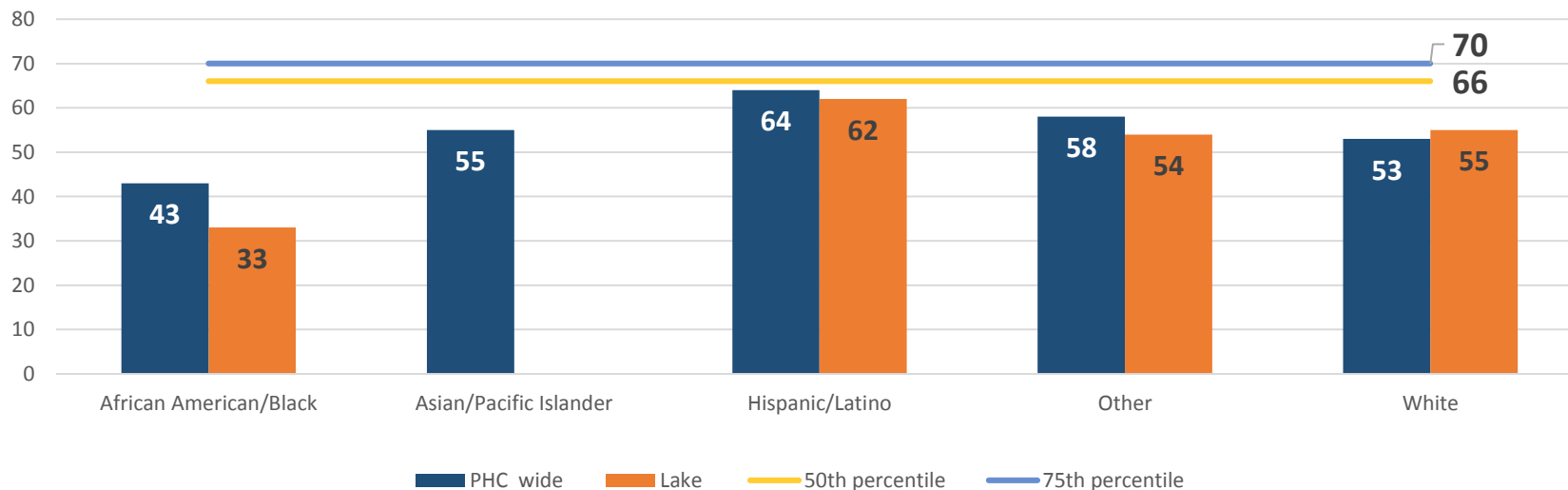
# Lake County QIP Outcomes

## Well Child Visits in First 15 months of Life by Ethnicity



Disparities can begin at an early age. What are the trends in your county that require attention?

At least 6 well-child visits in first 15 months of life - 2020



Data Source: 2020 Partnership HealthPlan QIP



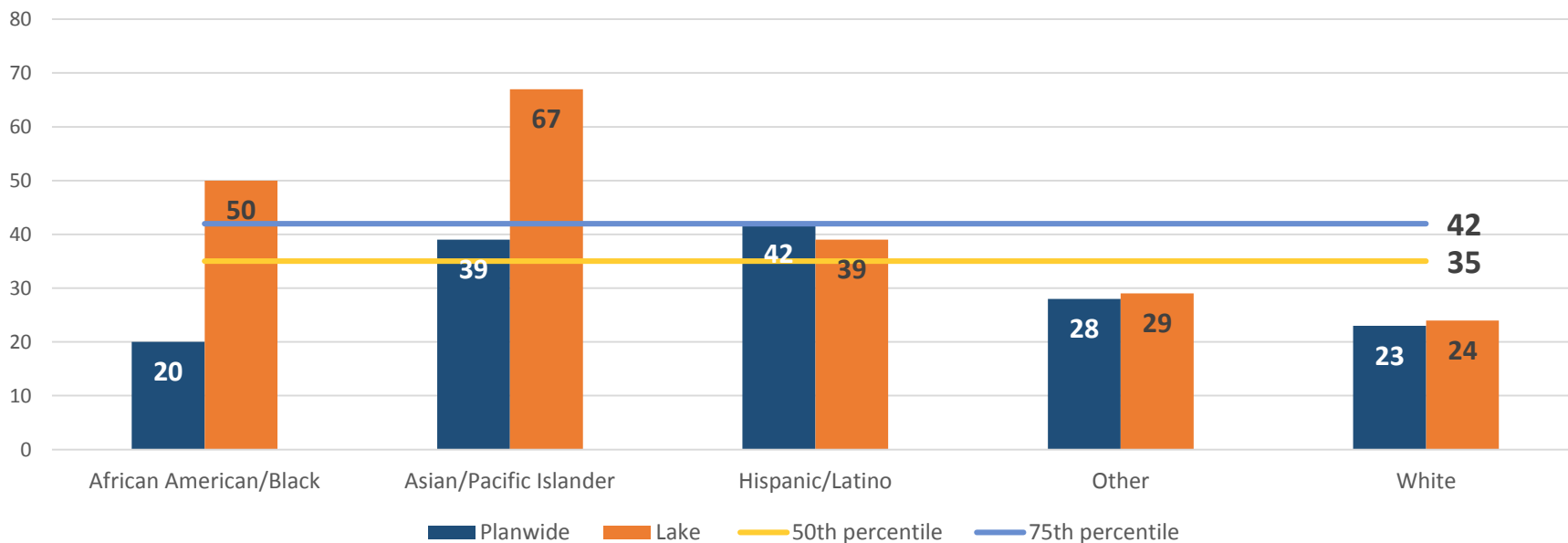
# Lake County QIP Outcomes

## Childhood Immunizations by Ethnicity



How can this information influence the way you outreach to families with young children?

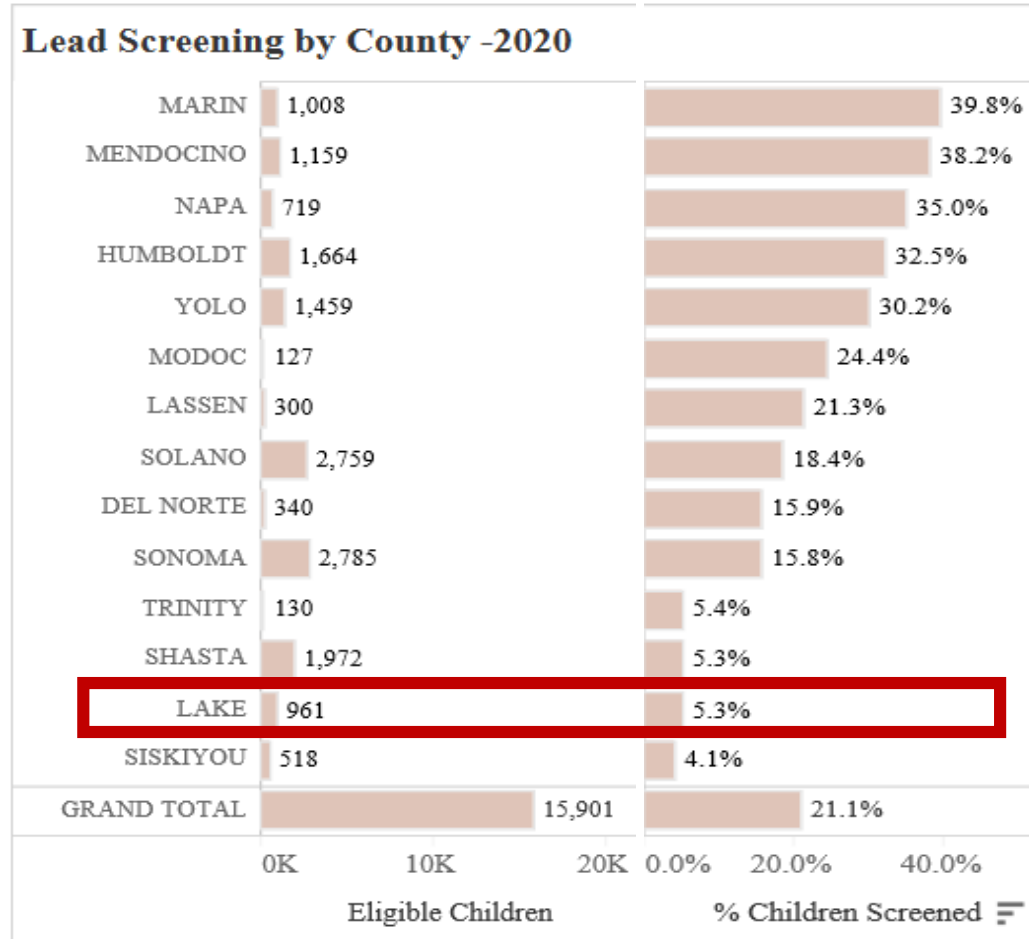
**Childhood Immunizations CIS10**



**Data Source:** 2020 Partnership HealthPlan QIP

# Lake County Blood Lead Screening 2020

Screening is now a State requirement for all children age 2 and under

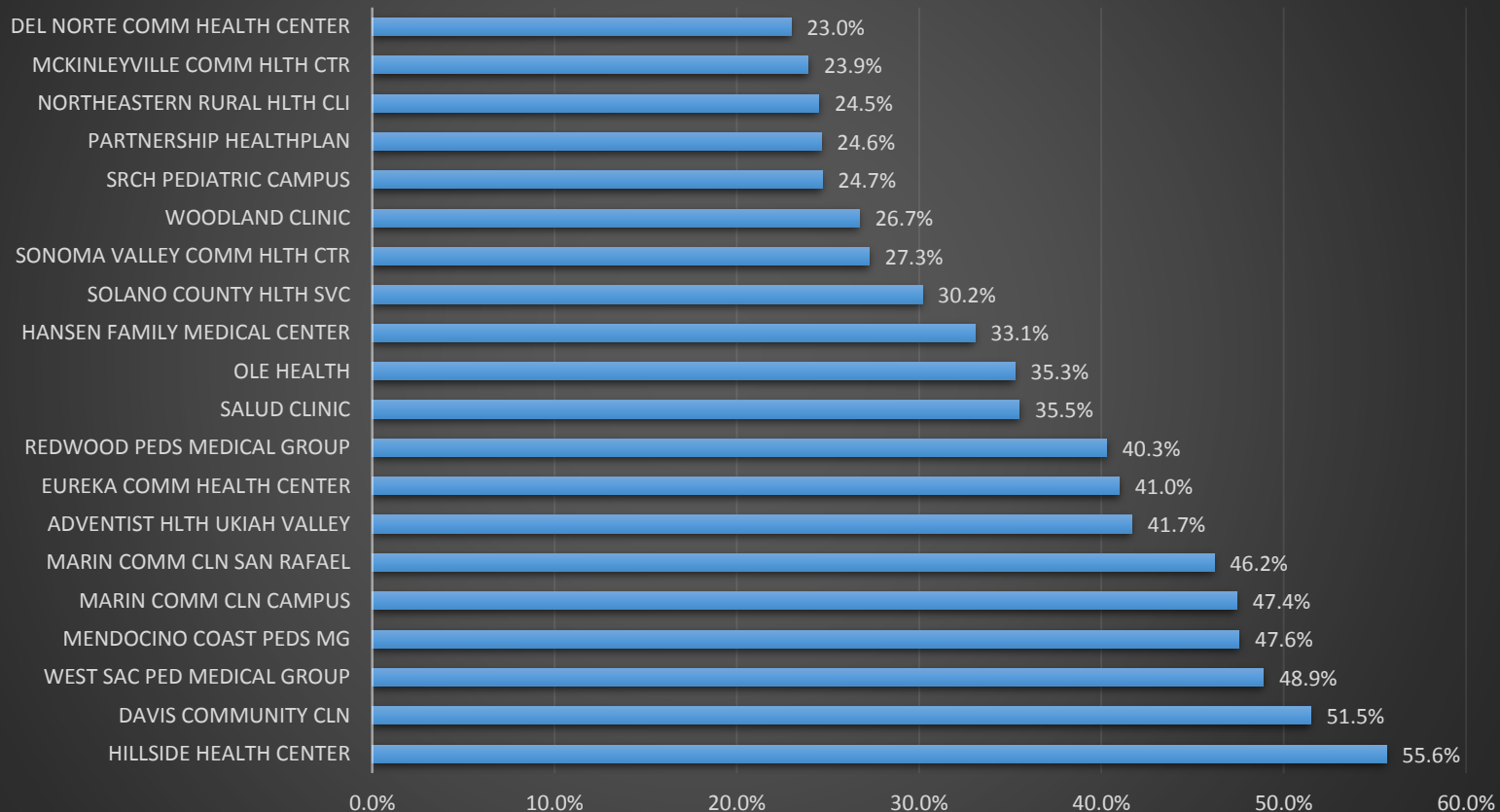


Data Source: 2020 Partnership Lab Claims



# Lake County Blood Lead Screening 2020

## Top 20 Sites: Percent Children Screened for Lead in 2020

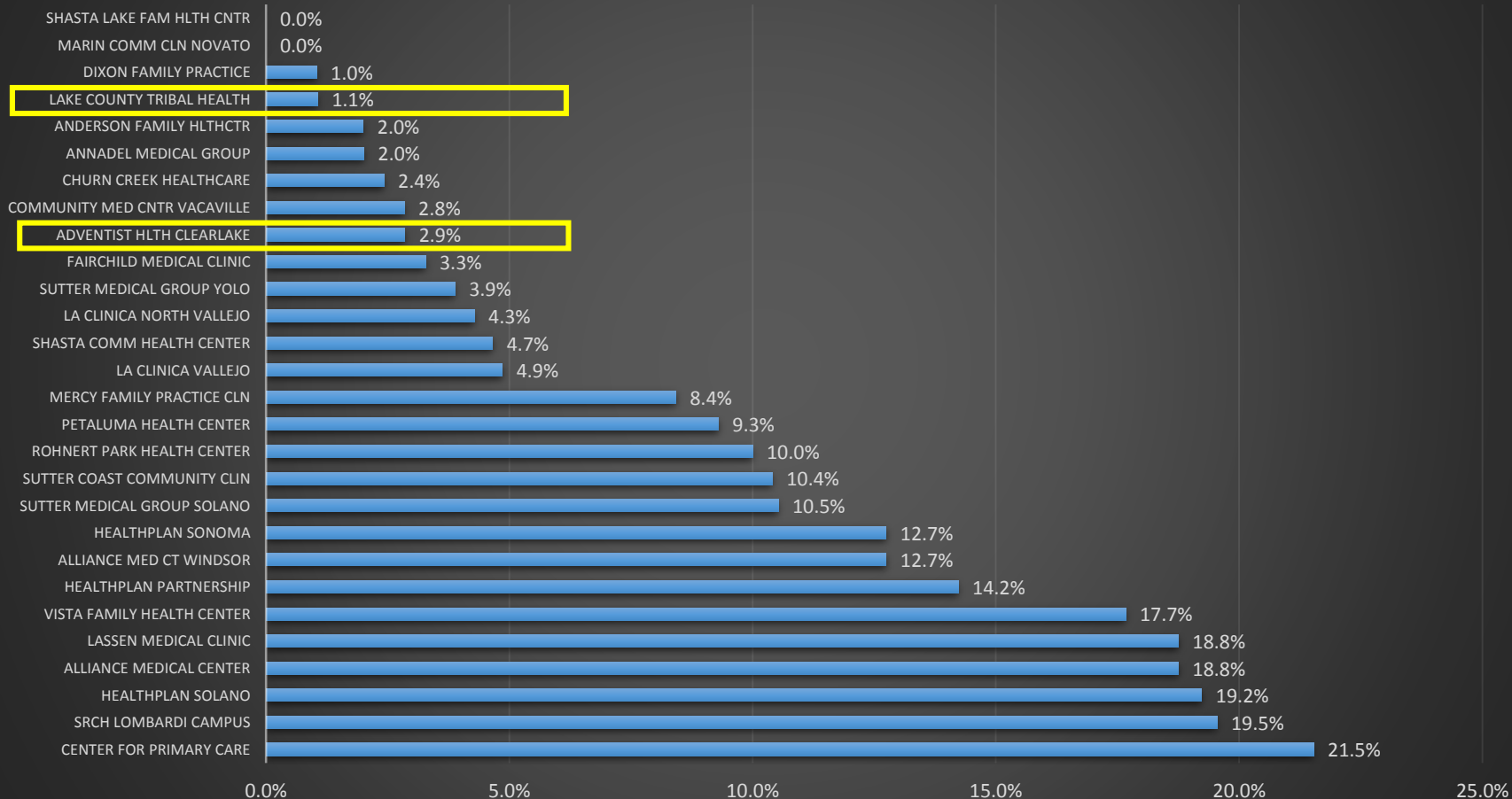


Data Source: 2020 Partnership Lab Claims



# Lake County Blood Lead Screening 2020

## Sites 21- 50: Percent of Children Screened in 2020



Data Source: 2020 Partnership Lab Claims

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# Lake County Behavioral Health Visits

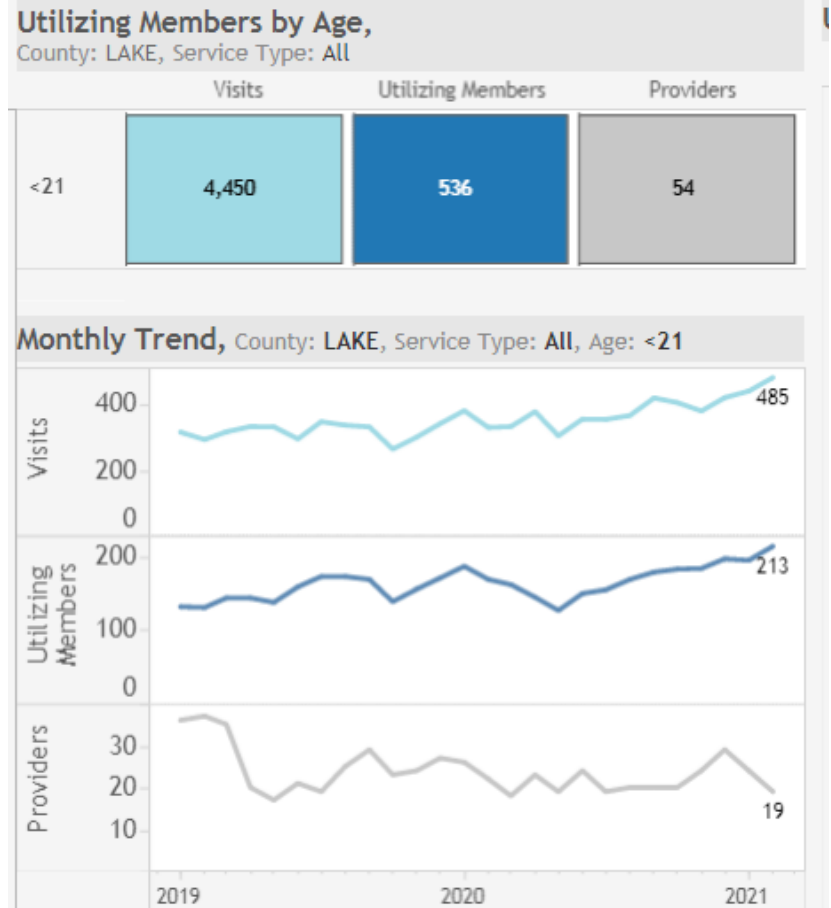


## Highlights:

- 12,167 youth under age 21
- 4,450 visits in 2020 (upward trend)
- Ave of 8.3 visits per user (Plan Ave 10.4)
- 4.4% of youth accessing services (Plan Ave 5.3%)

Data Source: 2020 Partnership HealthPlan Beacon Claims

What are behavioral health use trends in Lake County for youth under age 21?





# Lake County Developmental Screening

Prop. 56 provides enhanced funding for all providers including: FQHCs, RHCs and Indian Health Services (outside of prospective payment).

## Developmental screening

- CPT – 96110, with modifier for autism screening
- Three screens per child (9, 18 & 30 Months of age)
- An approved screening tool per AAP and CMS must be used to qualify for Prop 56 payment. MCHAT use unacceptable.
- Can be non-provider screening
- When performed with E/M code a 25 modifier should be used with the E/M code OR a 59 modifier to the 96110.
- \$59.90 per screening

Standardized Screening/Testing Coding Fact Sheet for Primary Care Pediatricians: Developmental/Emotional/Behavioral – AAP & Prop 56 (Tobacco Tax) Incentive Programs – Detailed Summary References:  
<https://www.dhcs.ca.gov/provgovpart/Documents/Trauma-Screenings-Policy-10.3.pdf>  
<https://www.dhcs.ca.gov/provgovpart/Documents/Developmental-Screenings-Policy>  
[http://www.partnershiphp.org/Providers/Medi-Cal/Documents/OnDemandTrainingWebinars/Flyers%20and%20Bulletins/Prop%2056%20ACEs%20and%20Developmental%20Screening%20Reimbursement\\_COVID19%20UPDATE\\_FINAL.pdf](http://www.partnershiphp.org/Providers/Medi-Cal/Documents/OnDemandTrainingWebinars/Flyers%20and%20Bulletins/Prop%2056%20ACEs%20and%20Developmental%20Screening%20Reimbursement_COVID19%20UPDATE_FINAL.pdf)

| County       | Screenings in 2020 |
|--------------|--------------------|
| Del Norte    | 11                 |
| Humboldt     | 48                 |
| Lassen       | 6                  |
| <b>Lake</b>  | <b>5</b>           |
| Marin        | 268                |
| Mendocino    | 98                 |
| Napa         | 5                  |
| Shasta       | 25                 |
| Siskiyou     | 3                  |
| Sonoma       | 736                |
| Solano       | 158                |
| Yolo         | 368                |
| <b>Total</b> | <b>1731</b>        |

Data Source: 2020 Partnership HealthPlan Claims

Eureka | Fairfield | Redding | Santa Rosa



# Lake County ACEs Screening

Prop. 56 provides enhanced funding for all providers including: FQHCs, RHCs and Indian Health Services (outside of prospective payment).

## ACEs

- CPT G9919 – positive (4+) and recommended f/u and G9920 – negative screen
- Children: PEARLS (age appropriate version)
  - Frequency as appropriate but not more than once per year per provider, per MCP
- Adults up to age 65 – ACEs Screening tool
  - Once in lifetime per provider
  - Excludes dually eligible
- Must complete online training
- \$29 each

| County       | Screenings in 2020             |
|--------------|--------------------------------|
| Del Norte    | -                              |
| Humboldt     | 45                             |
| Lassen       | -                              |
| <b>Lake</b>  | <b>2</b>                       |
| Marin        | 463                            |
| Mendocino    | 879                            |
| Napa         | 2                              |
| Shasta       | 21                             |
| Siskiyou     | 12                             |
| Sonoma       | 1348                           |
| Solano       | 11                             |
| Yolo         | 956                            |
| <b>Total</b> | <b>3739 (0.7% of Eligible)</b> |

Data Source: 2020 Partnership HealthPlan Claims



# Summary of Social/Economic Barriers

| <b>SOUTHERN REGION</b>                                   | <b>Lake</b> | <b>Marin</b> | <b>Mendo</b> | <b>Napa</b> | <b>Solano</b> | <b>Sonoma</b> | <b>Yolo</b> |
|--|-------------|--------------|--------------|-------------|---------------|---------------|-------------|
| County Health Ranking (58 Counties)                      | 57          | 1            | 41           | 5           | 23            | 8             | 10          |
| Median Household Income (\$84,100)                       | \$46,900    | \$112,100    | \$52,300     | \$90,200    | \$85,700      | \$87,100      | \$71,000    |
| Children Living in Poverty (16%)                         | 25%         | 7%           | 20%          | 8%          | 11%           | 8%            | 13%         |
| Children Living in Single Parent Home (23%)              | 25%         | 18%          | 28%          | 21%         | 26%           | 20%           | 20%         |
| Children Not food insecure (85%)                         | 77%         | 92%          | 81%          | 90%         | 86%           | 88%           | 86%         |
| 3rd graders near reading standards (72%)                 | 58%         | 82%          | 64%          | 72%         | 69%           | 73%           | 73%         |
| 5th graders met/exceeded science standards (32%)         | 21%         | 48%          | 24%          | 29%         | 27%           | 32%           | 35%         |
| High School completion rate (89%)                        | 86%         | 93%          | 87%          | 86%         | 88%           | 89%           | 87%         |
| Reported feeling school connection (55%)                 | 50%         | 64%          | 45%          | 60%         | 49%           | 55%           | 54%         |
| Reported perceiving school as safe (55%)                 | 51%         | 66%          | 56%          | 62%         | 47%           | 55%           | 60%         |
| Teen Birth Rates (17/1000)                               | 32          | 6            | 24           | 12          | 16            | 11            | 8           |
| Reported not feeling suicidal (81%)                      | 79%         | 86%          | 81%          | 84%         | 81%           | 81%           | 86%         |
| Exclusively breastfed in hospital (70%)                  | 66%         | 89%          | 72%          | 87%         | 81%           | 82%           | 85%         |
| Women receiving timely prenatal care (84%)               | 73%         | 85%          | 70%          | 90%         | 82%           | 88%           | 84%         |
| Meeting 4 of 6 fitness standards (70%)                   | 62%         | 85%          | 58%          | 72%         | 63%           | 66%           | 73%         |
| 13 year olds vaccinated for HPV virus (28%)              | 13%         | 33%          | 21%          | 39%         | 34%           | 38%           | 28%         |
| Not low birthweight (93%)                                | 93%         | 95%          | 95%          | 93%         | 93%           | 94%           | 95%         |
| Children on Medi-cal with annual preventative exam (41%) | 39%         | 46%          | 48%          | 47%         | 40%           | 43%           | 46%         |
| Kindergarteners up-to-date on immunizations (95%)        | 92%         | 94%          | 85%          | 95%         | 98%           | 91%           | 96%         |
| HS grads that enrolled in College (64%)                  | 43%         | 76%          | 33%          | 67%         | 60%           | 63%           | 65%         |
| Juvenile arrest rate per 1,000 (4.1) s=<2 arrests        | 3.80        | 3.80         | 9.80         | 3.70        | 4.80          | 4.20          | 3.80        |
| <b>Social and Economic Metrics Below State Average</b>   | <b>18</b>   | <b>1</b>     | <b>15</b>    | <b>2</b>    | <b>11</b>     | <b>4</b>      | <b>3</b>    |

Data Source: ChildrenNow & RWJ County Health Ranking





# Appendix: Data Source Detail

| Metric                                     | Source & Date Range                   |
|--|---------------------------------------|
| Median household income                    | RWJ County Health Ranking (2019)      |
| Children living in poverty                 | RWJ County Health Ranking (2019)      |
| Children living in single parent household | RWJ County Health Ranking (2015-2019) |
| Children who were not food insecure        | ChildrenNow (2018)                    |
| Third graders near or above stds           | ChildrenNow (2019)                    |
| 5th graders at or above science standards  | ChildrenNow (2019)                    |
| High School completion rate                | RWJ County Health Ranking (2015-2019) |
| Reported feeling school connection         | ChildrenNow (2019)                    |
| Reported perceiving school as safe         | ChildrenNow (2019)                    |
| Teen Birth Rates                           | RWJ County Health Ranking (2013-2019) |

| Metric   | Source & Date Range |
|--|---------------------|
| Reported not feeling suicidal                      | ChildrenNow (2019)  |
| Exclusively breastfed in hospital                  | ChildrenNow (2018)  |
| Women receiving timely prenatal care               | ChildrenNow (2018)  |
| Meeting 4 of 6 fitness standards                   | ChildrenNow (2019)  |
| 13 year olds vaccinated for HPV virus              | ChildrenNow (2018)  |
| Not low birthweight                                | ChildrenNow (2018)  |
| Children on Medi-cal with annual preventative exam | ChildrenNow (2018)  |
| Kindergarteners up-to-date on immunizations        | ChildrenNow (2019)  |
| HS grads that enrolled in College                  | ChildrenNow (2018)  |
| Juvenile arrest rate per 1,000                     | KidsData.org (2018) |

For questions about the data contained in this report, please contact Lynn Scuri [lscuri@partnershiphp.org](mailto:lscuri@partnershiphp.org) or Sheila Hakel at [shakel@partnershiphp.org](mailto:shakel@partnershiphp.org)