

Snapshot of America's Children 2017

AAPD Pediatric Oral Health Research and Policy Center



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Topics

- 1. Child Demographics**
- 2. Family and Community**
 - * Economic Standing
 - * Education
- 3. General Health**
 - * Health Habits
 - * Health Insurance
- 4. Oral Health**
- 5. Dental Visits**
- 6. Parent Perspectives**



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Child Demographics



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Quiz Question 1

Is the US population expected to become older or younger by 2050?

- a) Neither. It will stay about the same.
- b) Younger. The average age of Americans will go down.
- c) Older. The average age will go up.
- d) I don't know. At my age, everyone looks young.



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Child Population

- * Number of children ages 0–19 in the US projected for 2015: 82 million
- * This represents 25% of the total population
- * Number of children ages 0–19 in the US projected for 2050: 89 million
- * This represents 22% of the total population



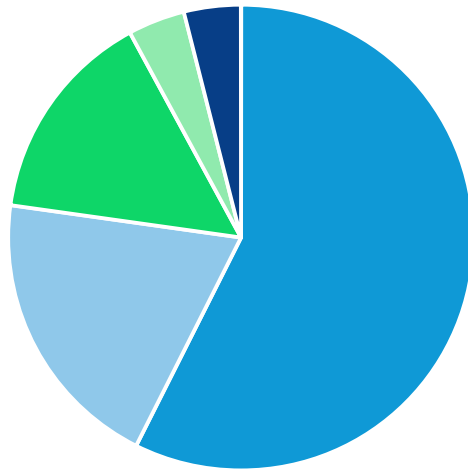
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Child Demographics

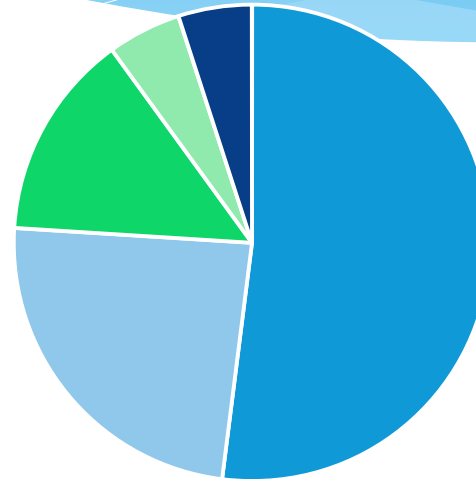
Children Ages 0-17 by Race and Hispanic Origin

2005



- White, non-Hispanic
- Hispanic
- Black, non-Hispanic
- Asian
- All other races

2015



- White, non-Hispanic
- Hispanic
- Black, non-Hispanic
- Asian
- All other races



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U.S. Demographics

US Population by Race and Hispanic Origin, by Thousands

| | 2015 | 2050 |
|----------------------------------|---------|---------|
| White, non-Hispanic | 203,208 | 203,347 |
| Hispanic | 57,711 | 132,792 |
| Black | 42,137 | 56,944 |
| Asian | 16,527 | 34,399 |
| Two or more races | 6,435 | 16,183 |
| American Indian/Alaska Native | 3,472 | 5,462 |
| Native Hawaiian/Pacific Islander | 662 | 1,222 |

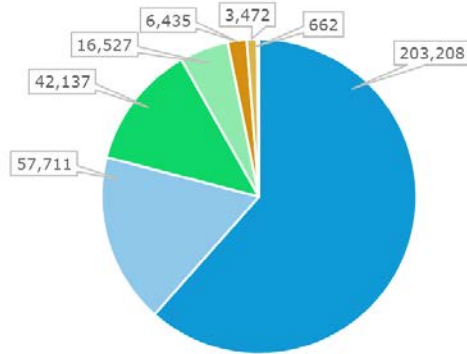


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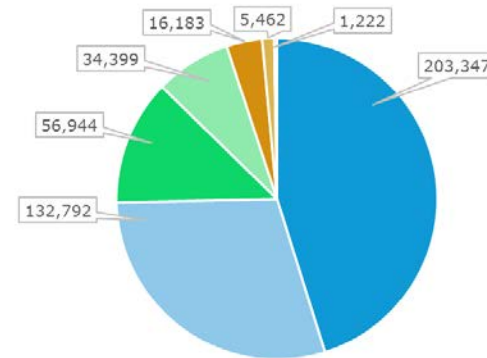
U.S. Demographics

**US Population by Race and Hispanic Origin, by Thousands
2015**



- White, non-Hispanic
- Black
- Two or more races
- Native Hawaiian/Pacific Islander
- Hispanic
- Asian
- American Indian/Alaska Native

**US Population by Race and Hispanic Origin, by Thousands
2050**



- White, non-Hispanic
- Black
- Two or more races
- Native Hawaiian/Pacific Islander
- Hispanic
- Asian
- American Indian/Alaska Native

Source: US Census, United States Population Projections: 2000 to 2050



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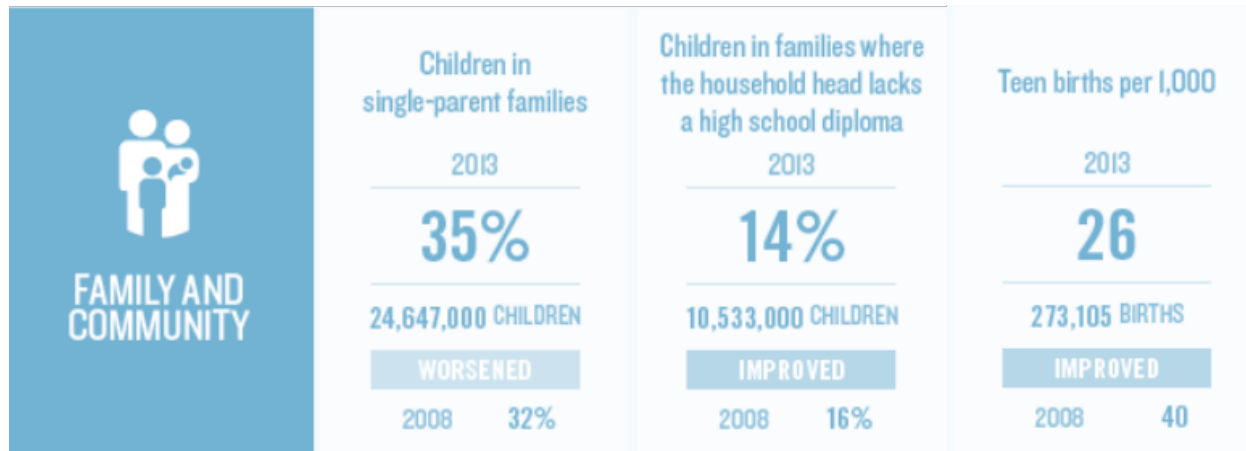
Family and Community



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Family and Community



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Quiz Question 3

During the last ten years, youth ages 12-17 involved in serious crimes either as a victim or an offender has:

- a) Increased.
- b) Decreased.
- c) Stayed the same.
- d) Take my wallet and cell phone, just don't hurt me.



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Family and Community

Serious violent crime victimization
of youth ages 12 – 17

18 to 9 per 1,000

Youth offenders ages 12 – 17
involved in serious crimes

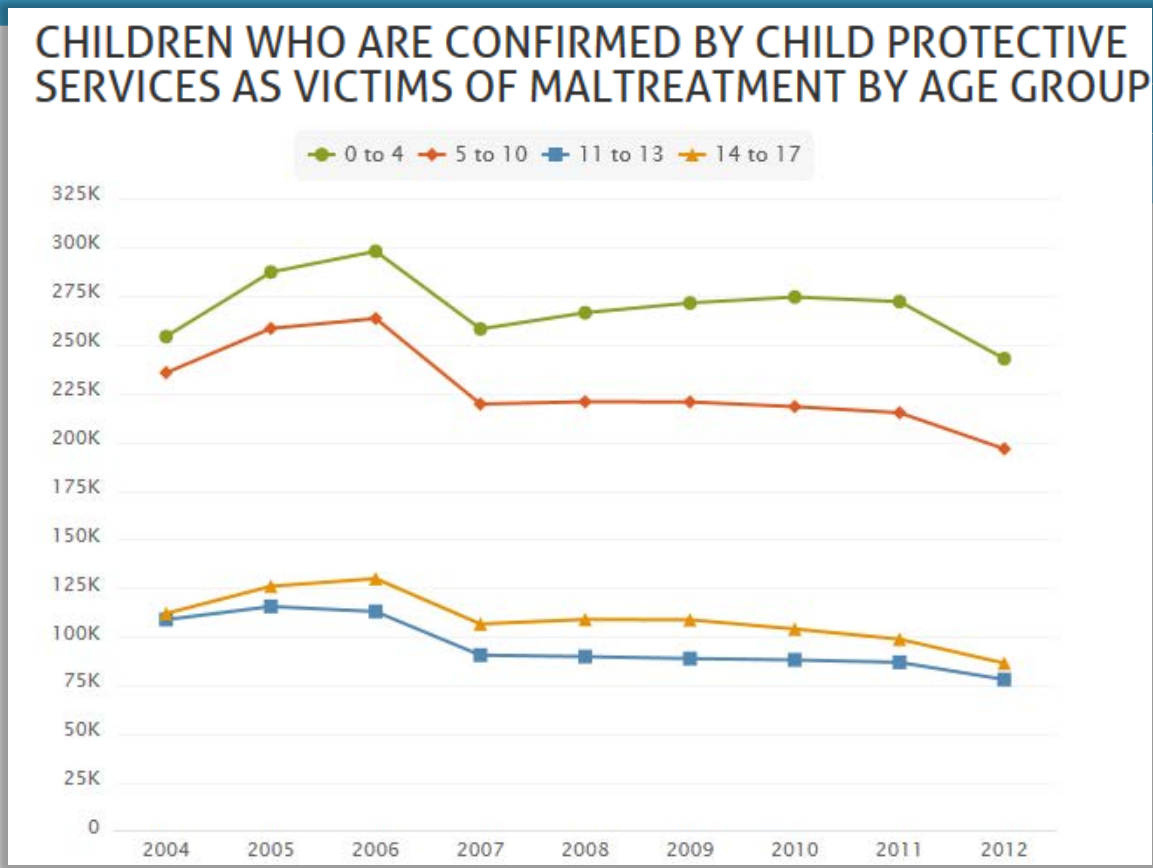
15 to 9 per 1,000



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Child Maltreatment



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Economic Standing



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Quiz Question 2

What percentage of U.S. children are classified as “food insecure”?

- a) One in four.
- b) One in five.
- c) One in ten.
- d) None. Can I have a donut?



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Economic Standing

| | |
|--|-----|
| Children ages 0 – 17 living in poverty | 21% |
| Children ages 0 – 17 in households classified by USDA as “food insecure” | 21% |
| Households with children ages 0–17 reporting shelter cost burden, crowding, and/or physically inadequate housing | 40% |



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Education



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Education



EDUCATION

Children not attending preschool

2011-13

54%

4,428,000 CHILDREN

WORSENERD

2007-09 53%

Fourth graders not proficient in reading

2013

66%

N.A.

IMPROVED

2007 68%

Eighth graders not proficient in math

2013

66%

N.A.

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2007 69%

High school students not graduating on time

2011/12

19%

N.A.

IMPROVED

2007/08 25%



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Education

| | |
|---|-----|
| Children ages 5 – 17 who speak a language other than English at home | 22% |
| Children ages 5 – 17 who speak a language other than English at home and who have difficulty speaking English | 4% |
| Children ages 3 – 5 who were read to 3 or more times in the last week | 83% |



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Source: America's Children: Key National Indicators of Well-Being, 2016, www.childstats.gov

Source: The Annie E. Casey Foundation, Kids Count Data Book, 2015, www.aecf.org

General Health



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Health Status

| | |
|---|-----|
| Children ages 19 – 35 months with full immunizations | 72% |
| Children ages 2 – 18 who are obese or overweight | 32% |
| who are obese | 19% |
| Infants and toddlers at 95% percentile | 8% |



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Source: America's Children: Key National Indicators of Well-Being, 2016, www.childstats.gov;
Ogden et al. Prevalence of high body index in US children, JAMA, 2010.

Injury Deaths

| | 2005 | 2015 |
|----------------------------|------|----------------|
| Injury deaths ages 1 – 4 | 31 | 11 per 100,000 |
| Injury deaths ages 5 – 14 | 17 | 5 per 100,000 |
| Injury deaths ages 15 – 19 | 68 | 33 per 100,000 |



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Health Habits



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Quiz Question 4

How have the health habits of U.S. teens changed over the last 10 years?

- a) Smoking, alcohol and drug use have all increased.
- b) Smoking has decreased; use of alcohol and drugs has increased.
- c) Smoking and alcohol use has decreased; use of drugs has increased.
- d) Smoking, alcohol and drug use have all decreased.
- e) Whatever they are doing, it's less than I did at that age.

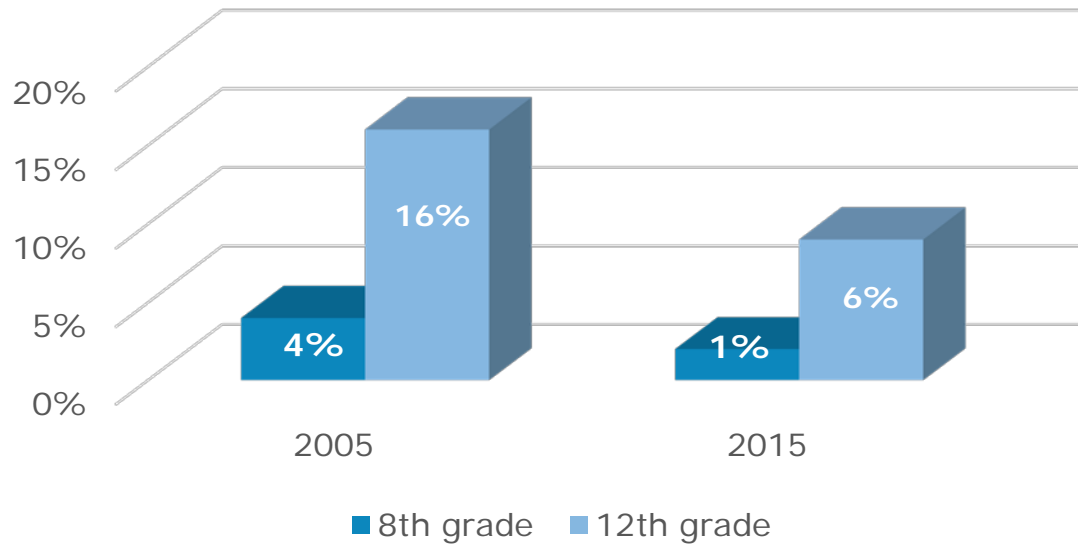


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Health Habits

Students who reported smoking daily in the past 30 days

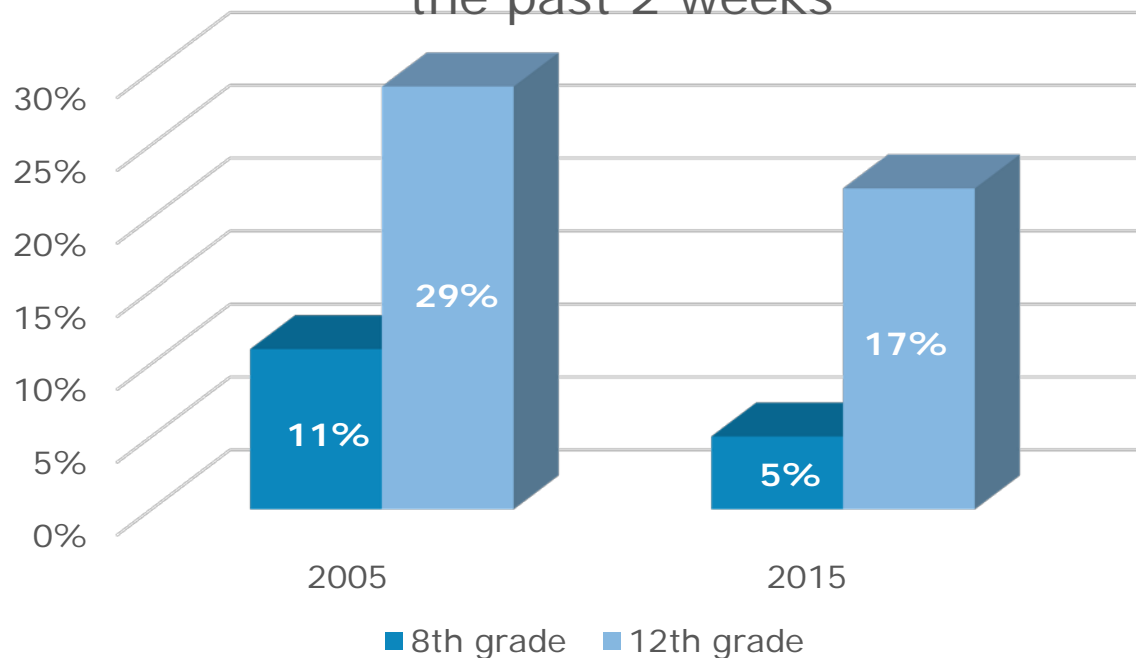


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Health Habits

Students who reported having 5 or more alcoholic beverages in a row in the past 2 weeks

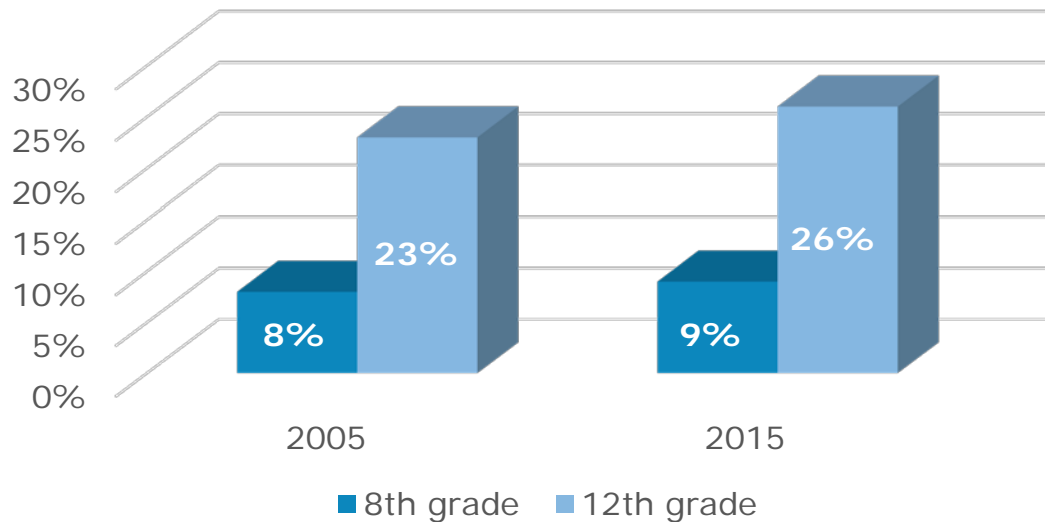


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Health Habits

Students who reported using illicit drugs in the past 30 days



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Quiz Question 5

How many high school seniors reported having used prescription opioids non-medically?

- a. 1 in 100
- b. 1 in 25
- c. 1 in 8
- d. All of them. Except my kids.



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Health Insurance



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Health Insurance by Age

| | Private | Public | Uninsured |
|-----------------------|---------|--------|-----------|
| Children under age 4 | 43% | 50% | 7% |
| Children ages 4 – 6 | 46 | 49 | 5 |
| Children ages 7 – 12 | 51 | 42 | 7 |
| Children ages 13 – 17 | 56 | 35 | 10 |
| Children under age 18 | 50 | 43 | 8 |



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Health Insurance by Race/Ethnicity

| | Private | Public | Uninsured |
|------------------------|---------|--------|-----------|
| White, non-Hispanic | 71% | 17% | 11% |
| Black, non-Hispanic | 45 | 38 | 18 |
| Hispanic or Latino | 39 | 34 | 28 |
| Asian/Pacific Islander | 77 | 15 | 12 |
| Total other races | 55 | 32 | 13 |



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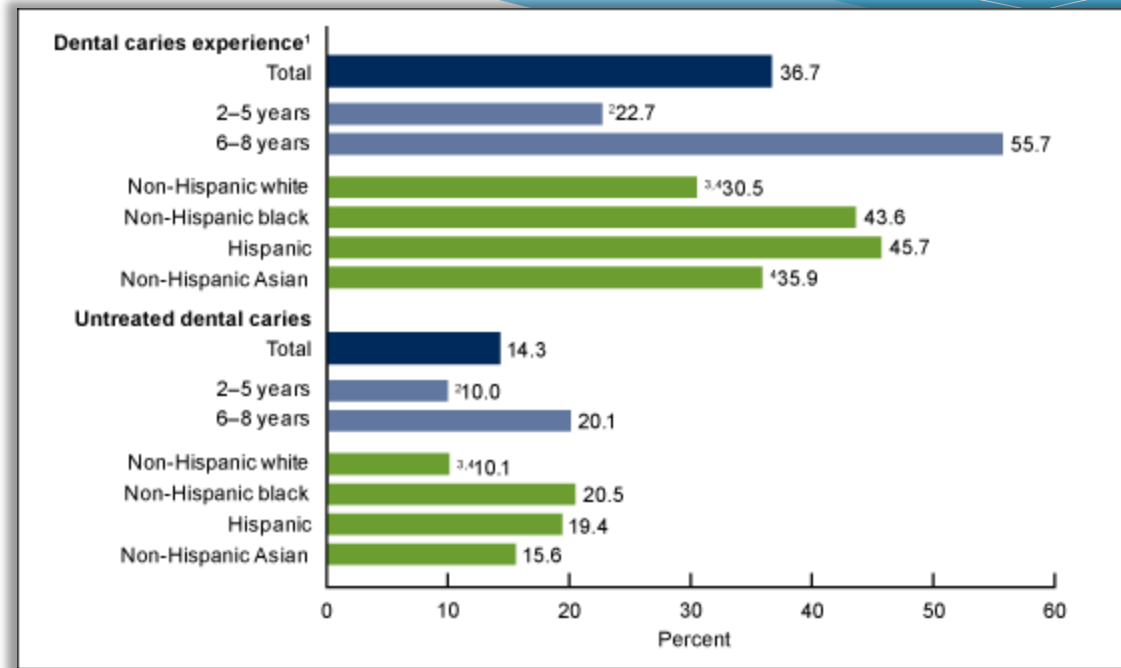
Oral Health



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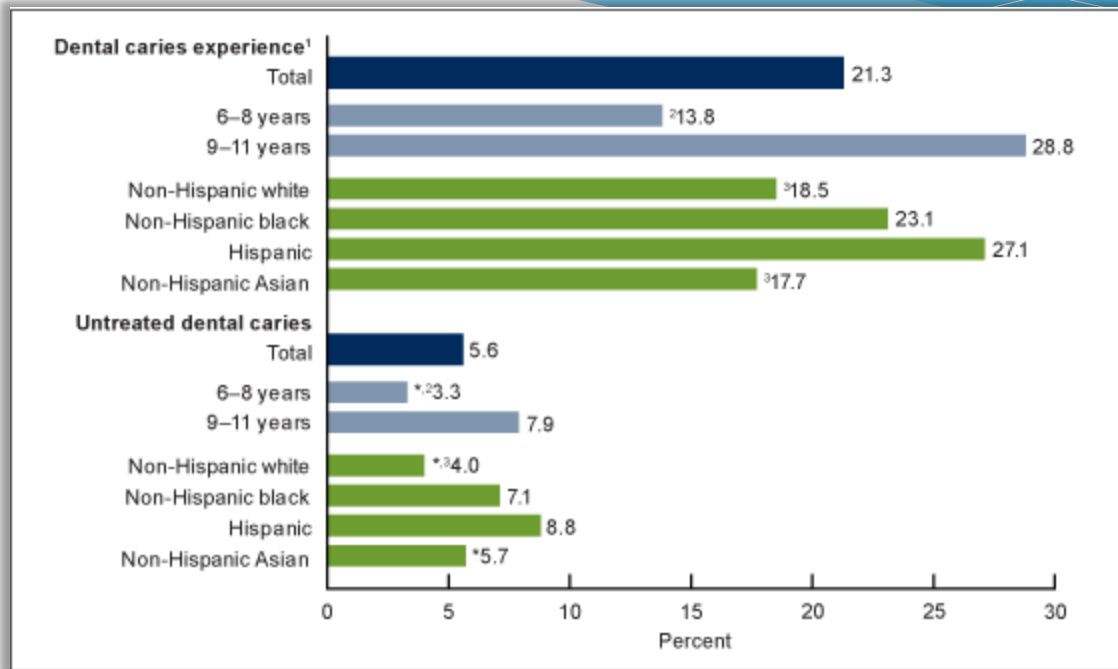
Prevalence of dental caries in primary teeth, by age and race among children aged 2–8 years, 2011–2012



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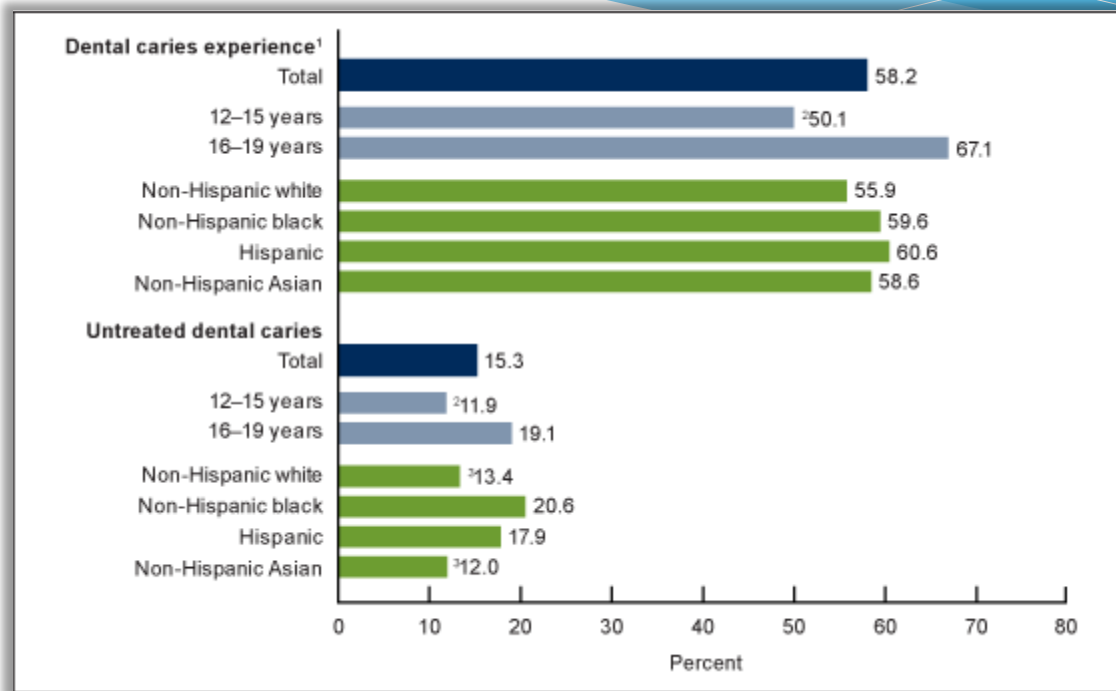
Prevalence of dental caries in permanent teeth, by age and race among children aged 6–11 years, 2011–2012



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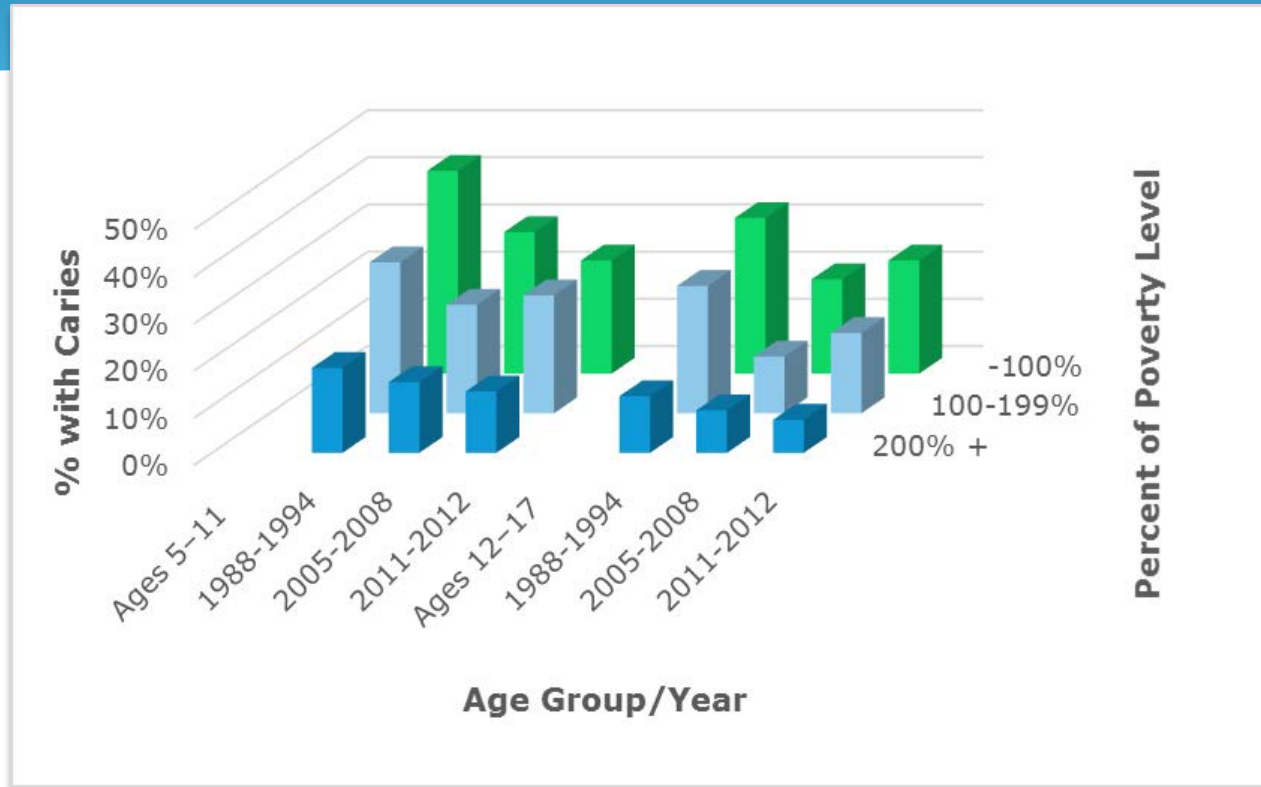
Prevalence of dental caries in permanent teeth, by age and race among adolescents aged 12–19 years, 2011–2012



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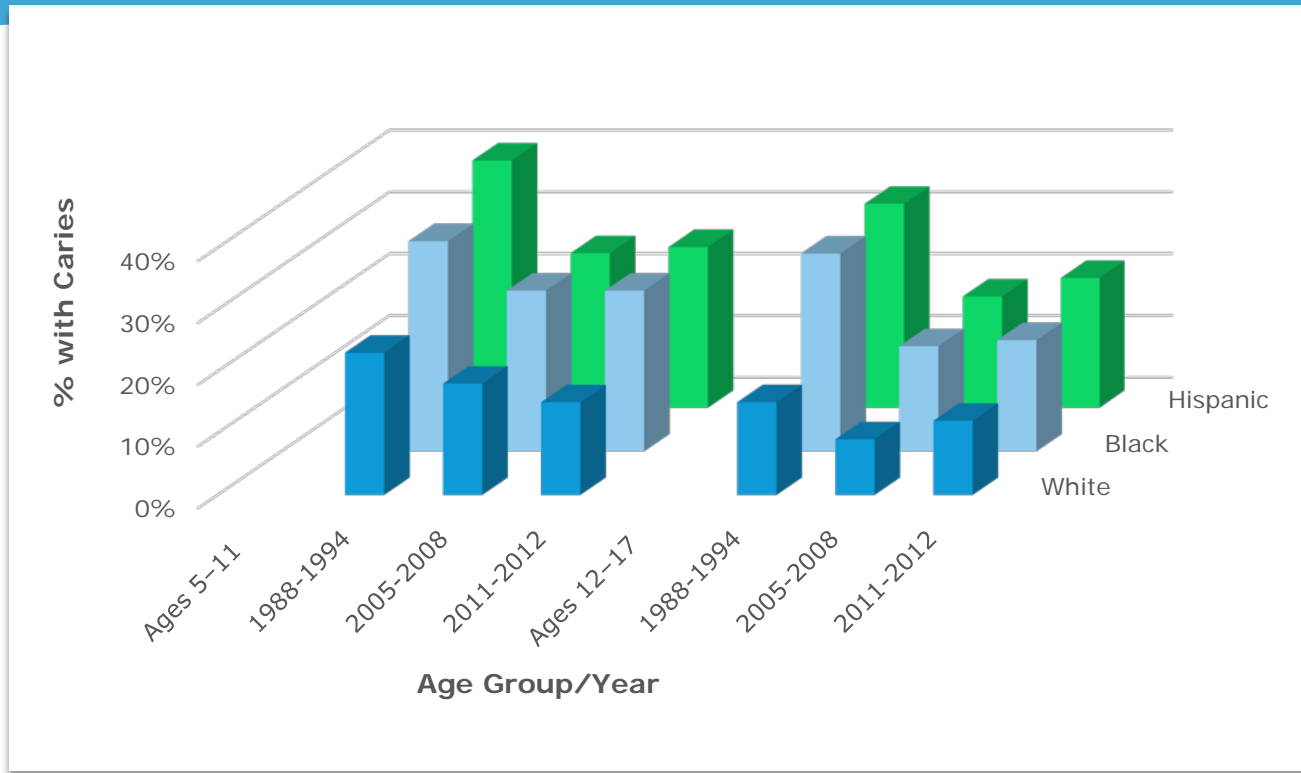
Dental Caries by Income Level



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Dental Caries by Race/Ethnicity



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Dental Visits



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Dental Visits by Age

| | 1997 | 2005 | 2013 |
|-----------------------|------|------|------|
| Children ages 2 - 4 | 45% | 48% | 62% |
| Children ages 5 – 11 | 81 | 84 | 89 |
| Children ages 12 – 17 | 77 | 82 | 87 |



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Quiz Question 6

How has the percentage of dental visits changed according to race and ethnicity in the last 10 years?

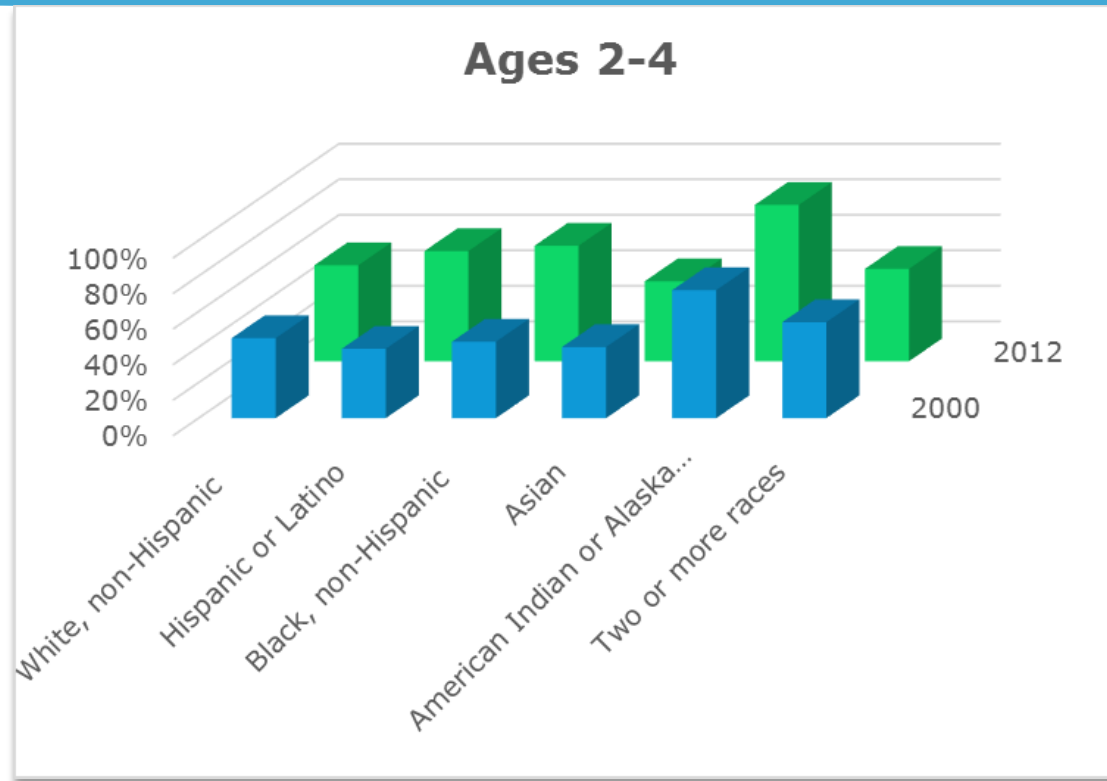
- a) Dental visits have stayed the same for all race/ethnic populations.
- b) Dental visits have increased for white and Asian populations and stayed the same for black and Hispanic populations.
- c) Dental visits have increased for white, black and Asian populations and stayed the same for Hispanic populations.
- d) Dental visits have increased for all race/ethnic populations.



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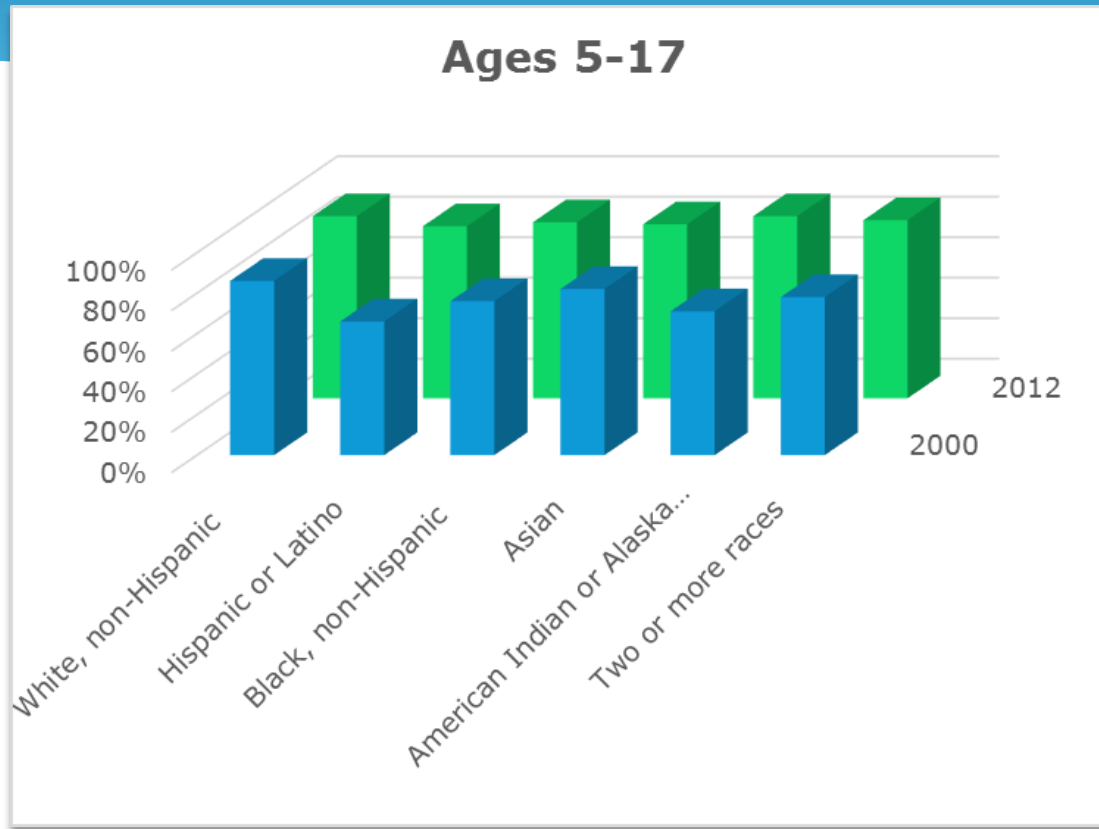
Dental Visits by Race/Ethnicity



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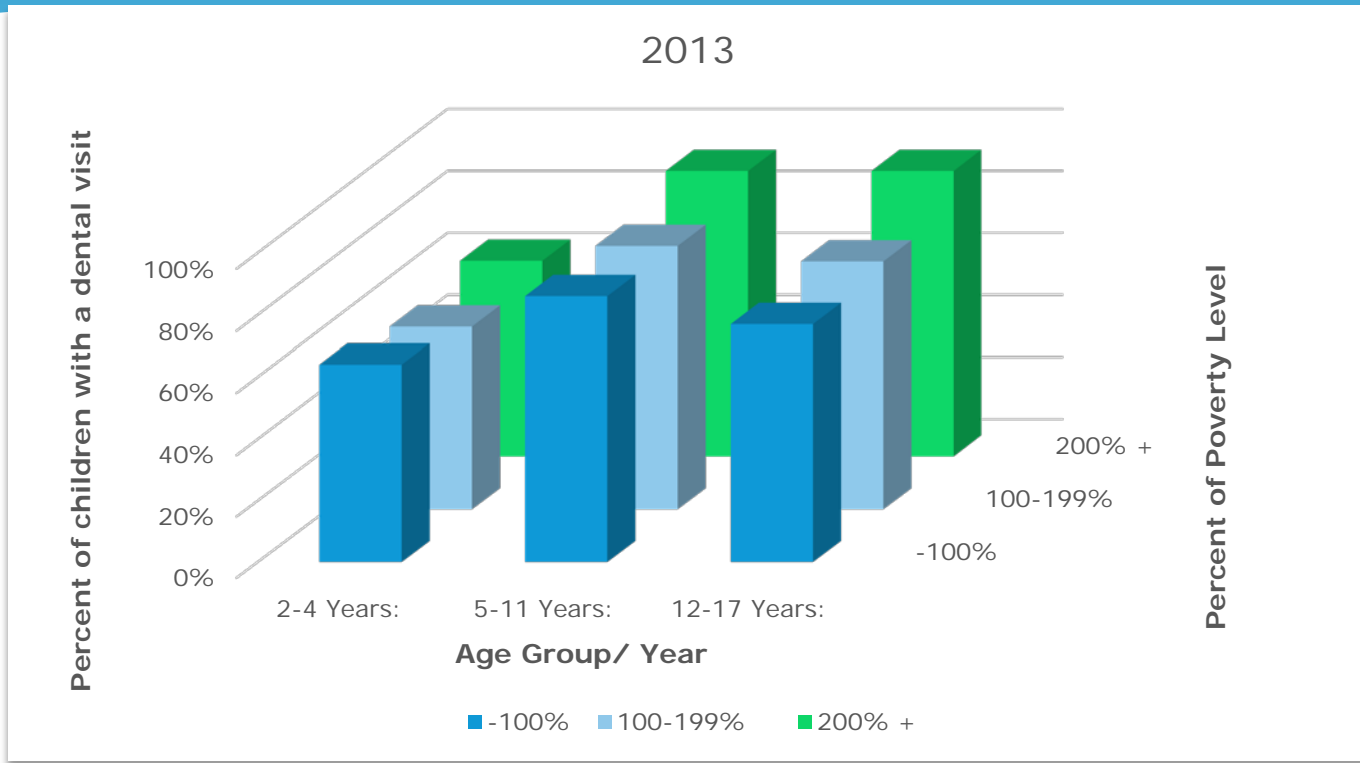
Dental Visits by Race/Ethnicity



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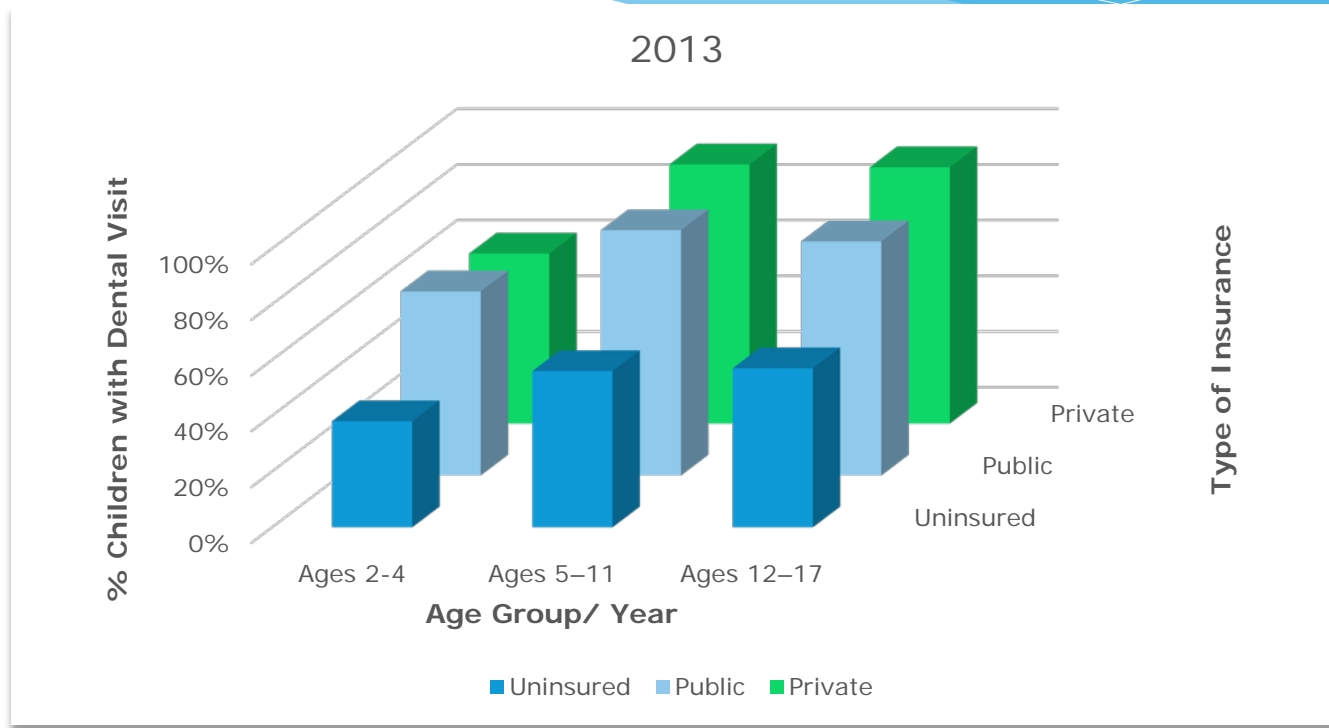
Dental Visits by Income Level



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Dental Visits by Insurance



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Parent Perspectives



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Parent Referrals

Children Offered Advice from their Healthcare Provider about need for a Dental Visit

| | |
|-----------------------|-----|
| Children ages 2 – 17 | 52% |
| Children ages 2 – 5 | 57 |
| Children ages 6 – 12 | 54 |
| Children ages 13 – 17 | 46 |



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Parent Knowledge

- * Parents can be poor judges of their children's oral health, especially when the children are very young and among families with low incomes, low education levels or no dental insurance
- * More than 9 in 10 parents fail to correctly identify tooth decay as the most common chronic disease among children



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Parent Action

- * 8 in 10 parents say they engage in practices that they are bad for their children's teeth
- * 60% of parents agree that children should see the dentist by their first birthday, only 25% actually brought their infants to the dentist
- * 7 in 10 parents agree that juice is not a healthy drink for their kids' teeth, but 3 in 10 frequently serve juice to their children
- * 85% of parents agree it is not okay to put children to bed with a bottle of milk or juice, but 20% do anyway



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Quiz Question 7

If children have their first dental visit at four years or younger rather than four years or older, their parents benefit from an average cost savings of:

- a) \$360.
- b) \$695.
- c) No savings, due to the cost of more years of visits.
- d) Priceless!



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Parent Savings

Children whose first dental visit was four years or younger had a total dental cost over eight years of \$360 **less** than children whose first dental visit was older than four years (Nowak et al. 2016).



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rwright@aapd.org



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