

Oral Health Data Profile

Thurston County Local Impact Network

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Social Services Department
September 2018

ARCORA
Foundation

CHOICE
Regional Health Network



Purpose

Population Health Indicators

- Describe current conditions
- Identify oral health disparities
- Inform anchor strategy planning
- Support network collaboration



Population-Level:
The whole community is
accountable

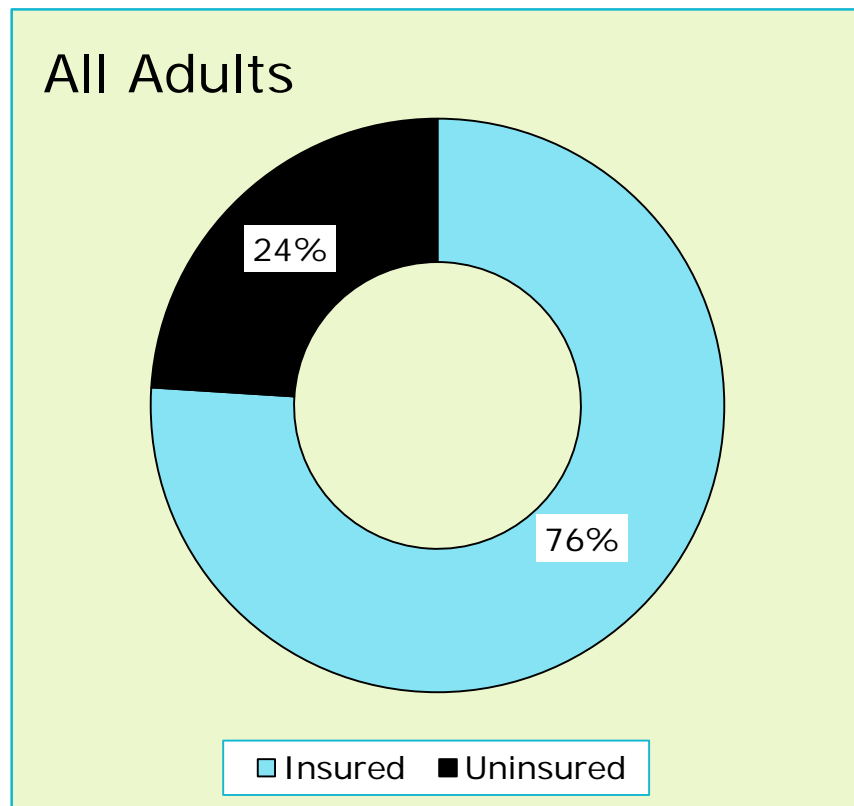


Thurston County is ranked 6th healthiest in Washington State



Dental Insurance Data

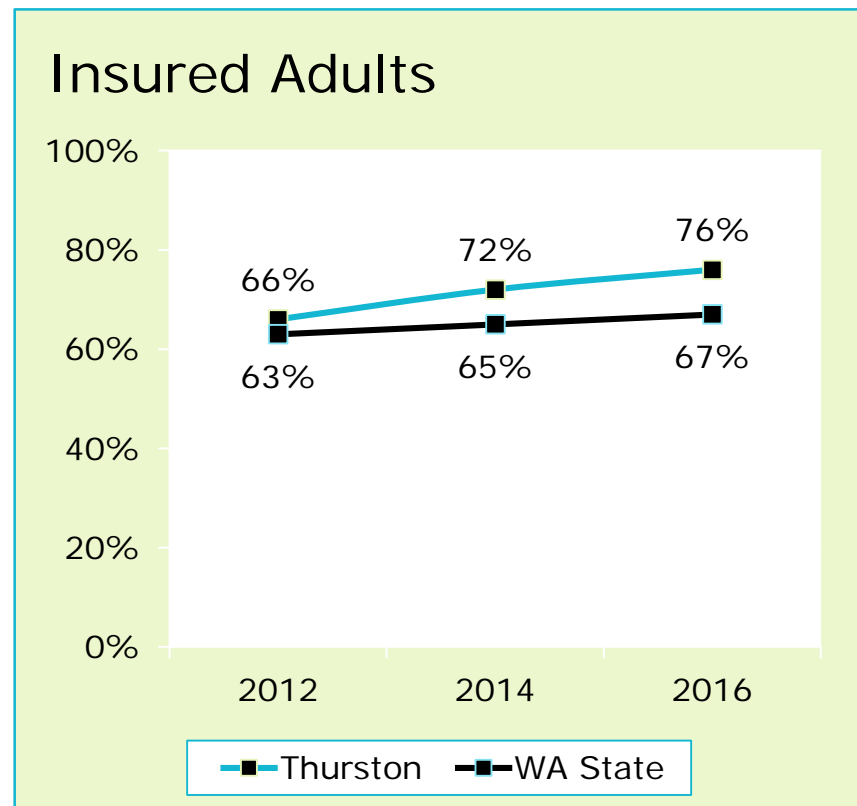
Dental Insurance: Thurston County Adults



Detail

- Timeframe: 2016
- Uninsured Estimate = 51,000 adults
- Parameters: Covered or partially covered by dental insurance
- Note: Any form of dental insurance
- Source: BRFSS

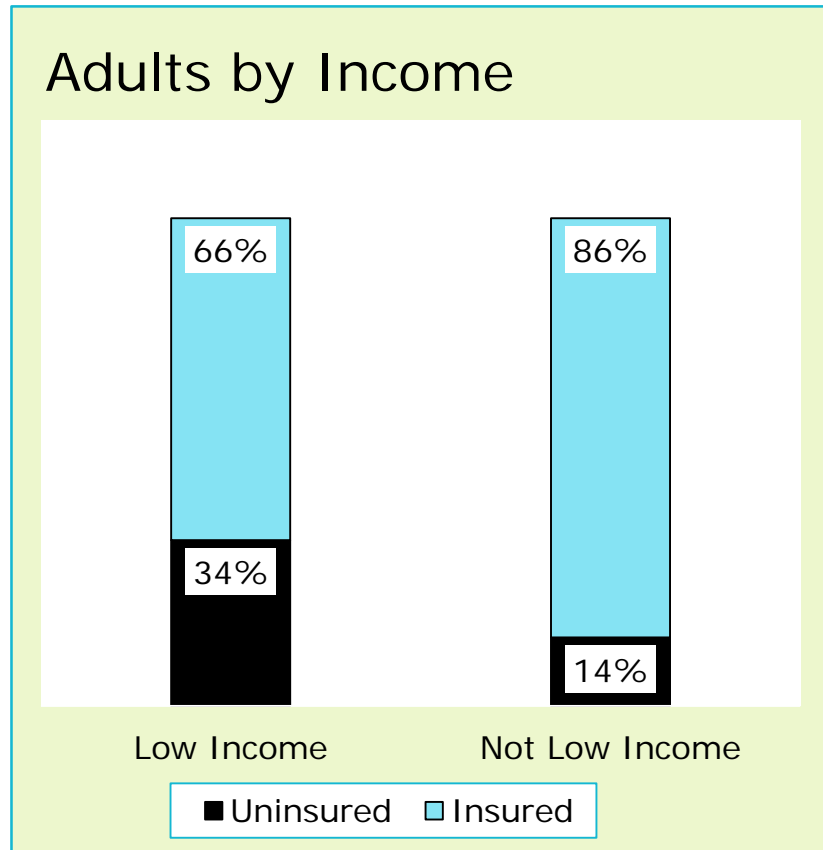
Dental Insurance: Thurston County Adults



Detail

- Timeframe: 2012-2016
- Insured Estimate
 - 2012 = 131,500 adults
 - 2016 = 161,700 adults
- Parameters: Covered or partially covered by dental insurance
- Note: Any form of dental insurance
- Source: BRFSS

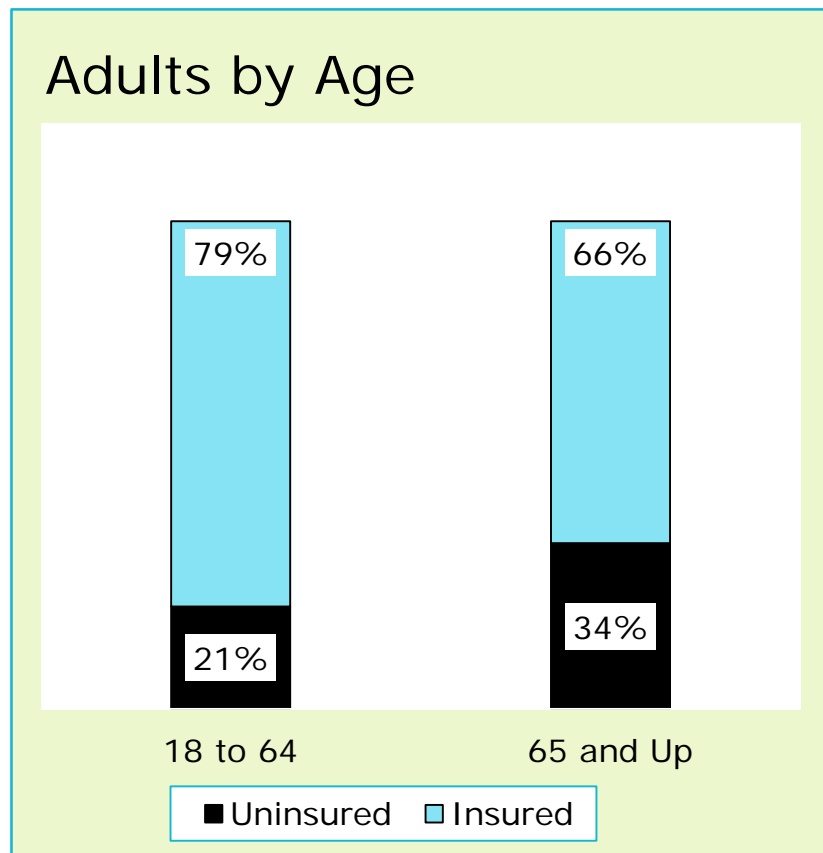
Dental Insurance: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: Covered or partially covered by dental insurance
- Low Income: Annual household income less than \$35,000
- Note: Any form of dental insurance
- Source: BRFSS

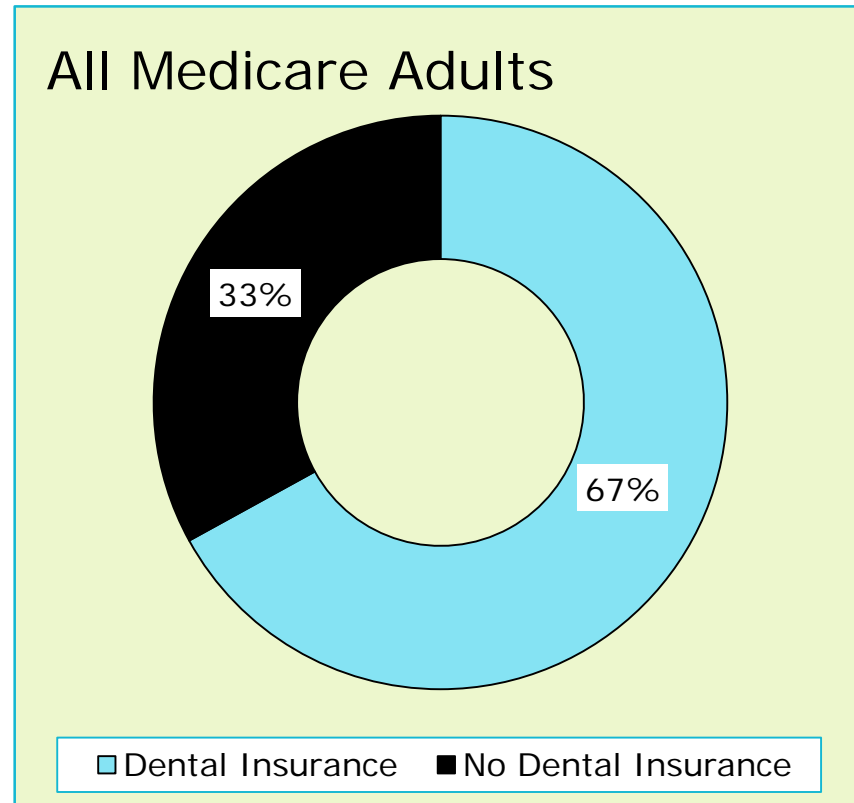
Dental Insurance: Thurston County Adults



Detail

- Timeframe: 2016
- Uninsured Estimate
 - Age 18 to 64 = 35,200
 - Age 65 and Up = 15,200
- Parameters: Covered or partially covered by dental insurance
- Note: Any form of insurance
- Source: BRFSS

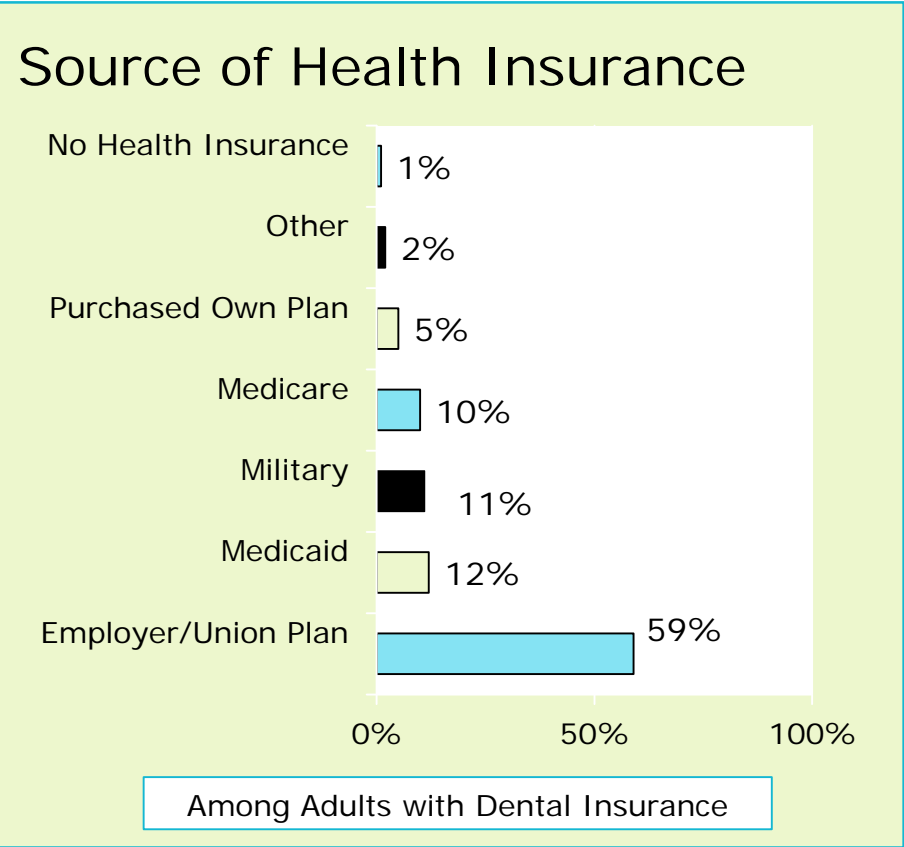
Medicare & Dental Insurance: Thurston County Adults



Detail

- Insurance: Medicare
- Timeframe: 2016
- Parameters: Covered or partially covered by dental insurance
- Note: Any form of dental insurance
- Source: BRFSS

Health & Dental Insurance: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: 18 and up with any form of dental insurance
- Source: BRFSS

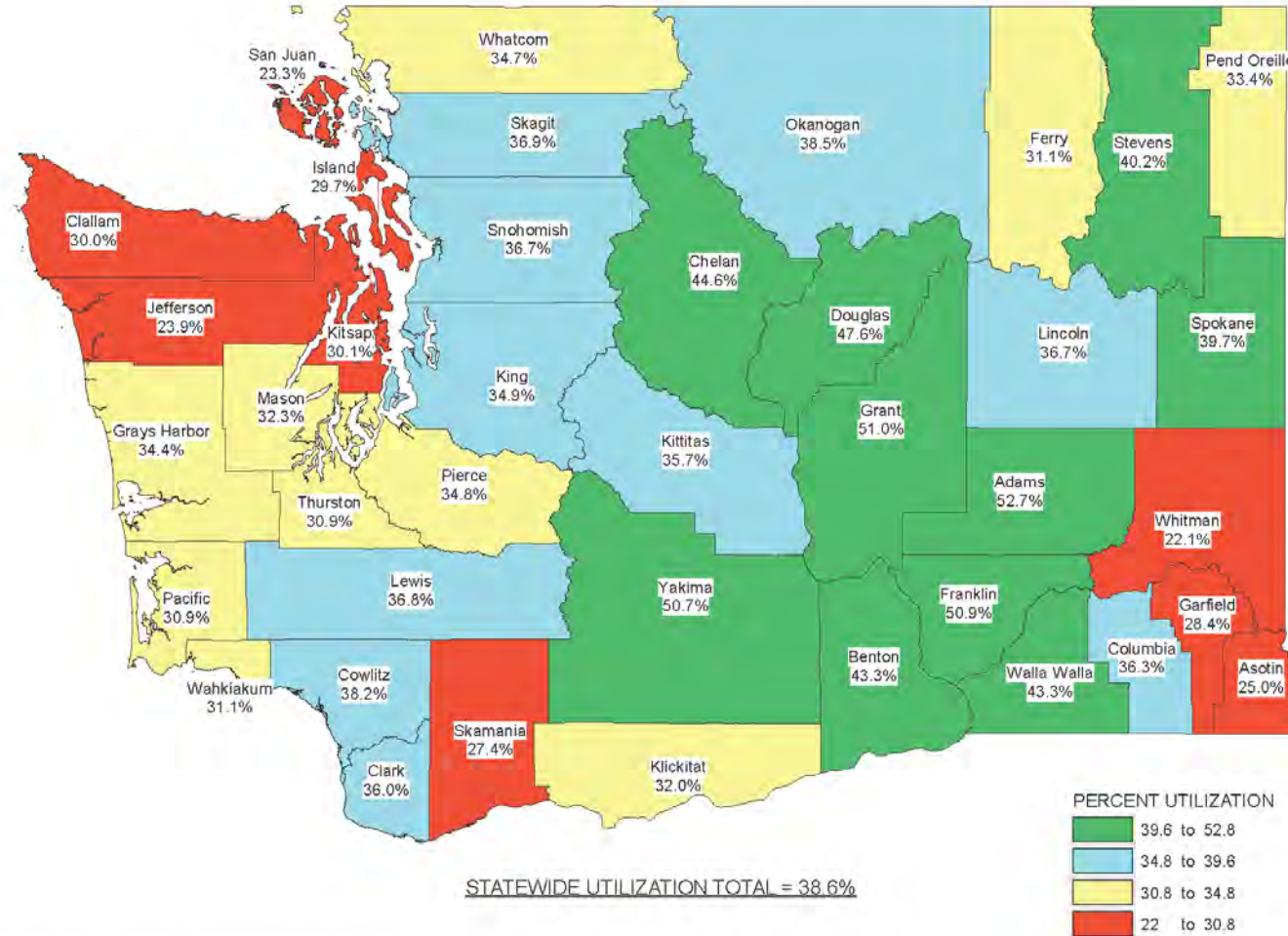


Medicaid Dental Utilization Data

All Ages

- WA State: 39%
- Thurston: 31%

HEALTH CARE AUTHORITY DENTAL SERVICES ANNUAL PERCENT OF ELIGIBLE CLIENTS RECEIVING DENTAL SERVICES ALL AGES - FISCAL YEAR 2017

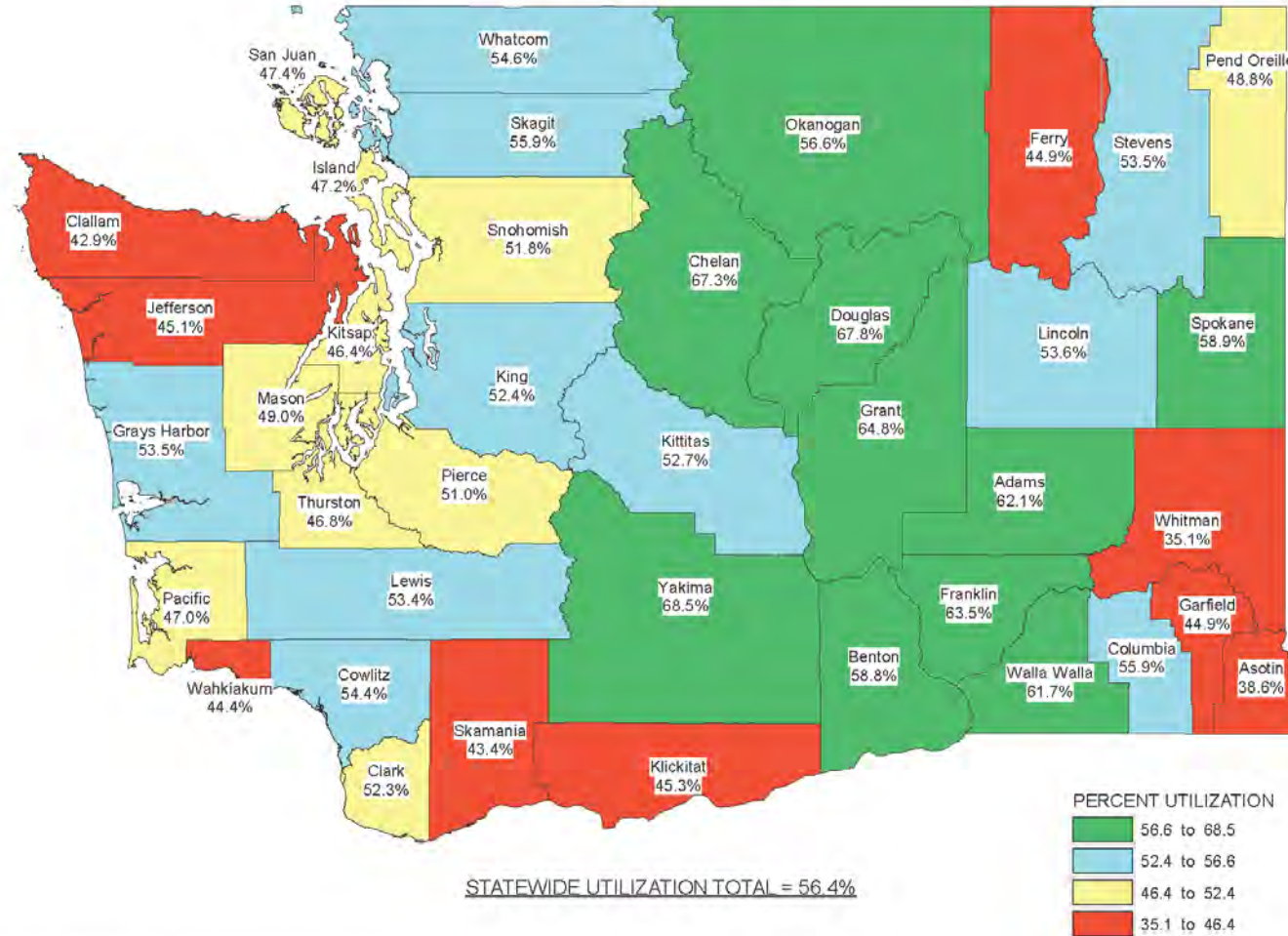


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Age Birth to 20

- WA State: 56%
- Thurston: 47%

HEALTH CARE AUTHORITY DENTAL SERVICES ANNUAL PERCENT OF ELIGIBLE CLIENTS RECEIVING DENTAL SERVICES AGES 20 AND UNDER - FISCAL YEAR 2017

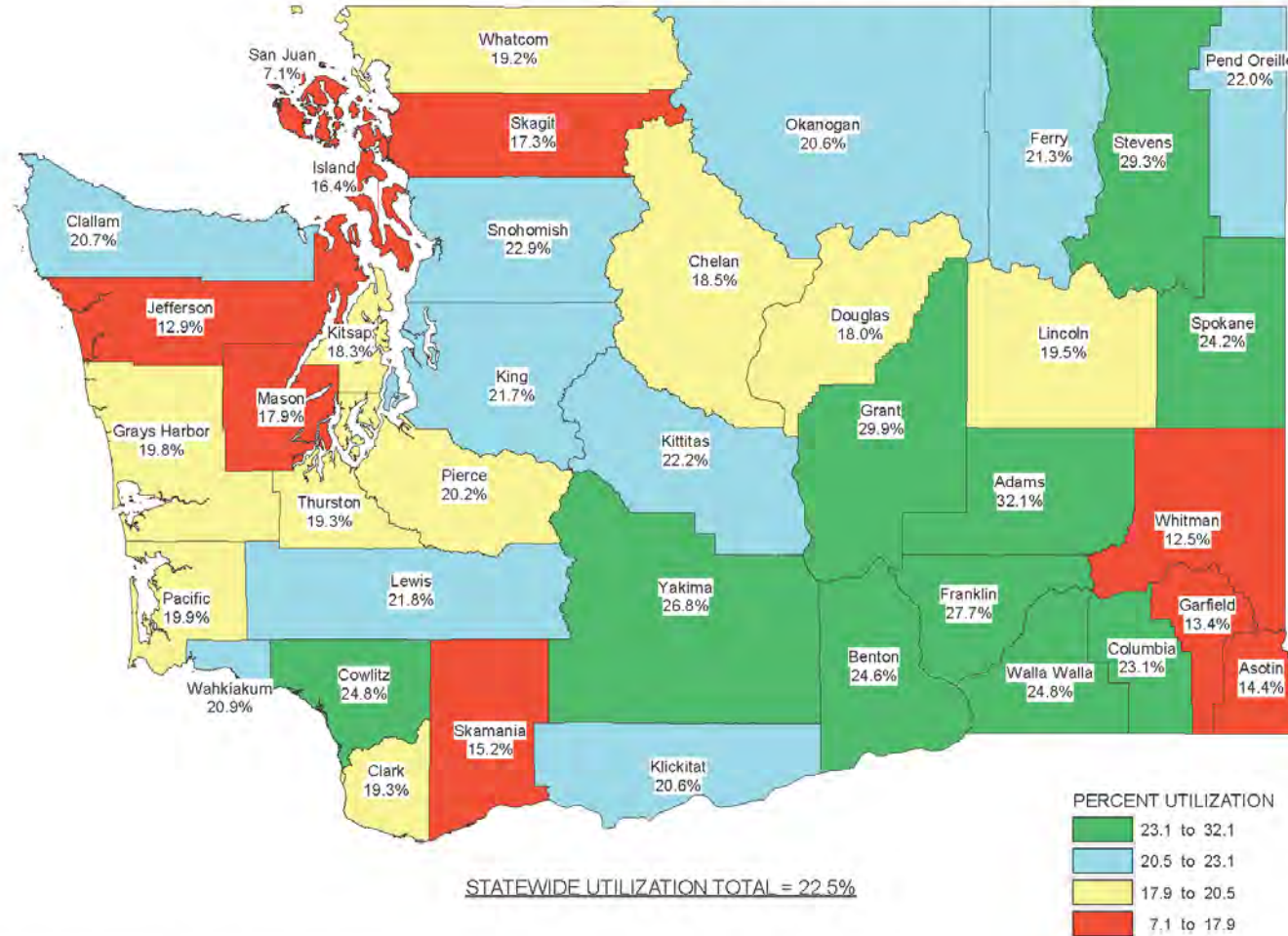


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Age 21 and Up

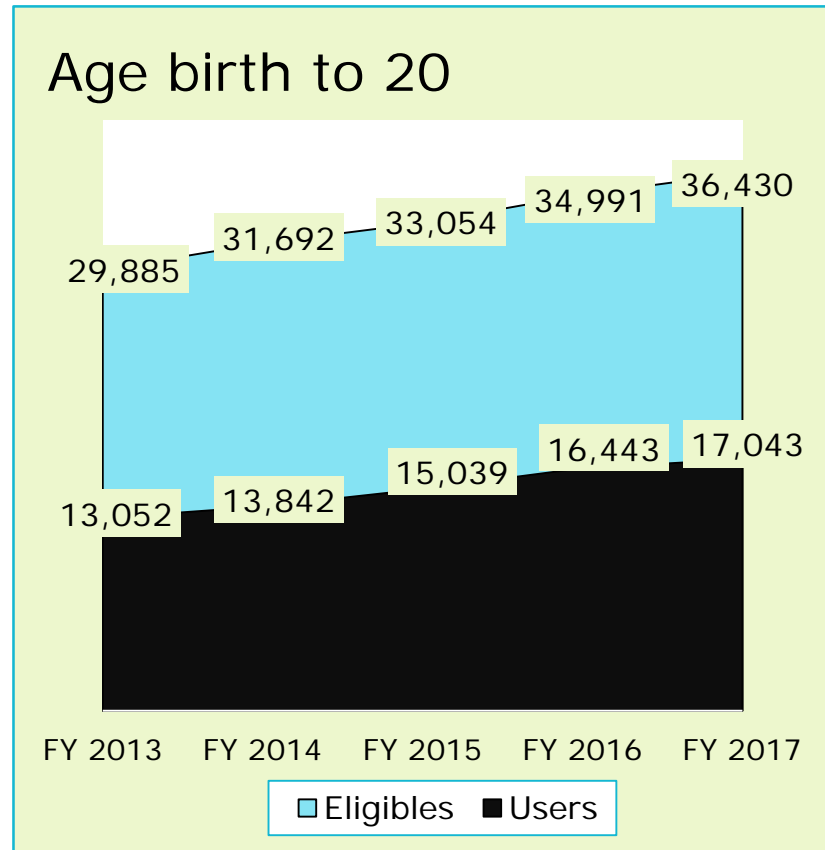
- WA State: 23%
- Thurston: 19%

HEALTH CARE AUTHORITY DENTAL SERVICES ANNUAL PERCENT OF ELIGIBLE CLIENTS RECEIVING DENTAL SERVICES AGES 21 AND OVER - FISCAL YEAR 2017



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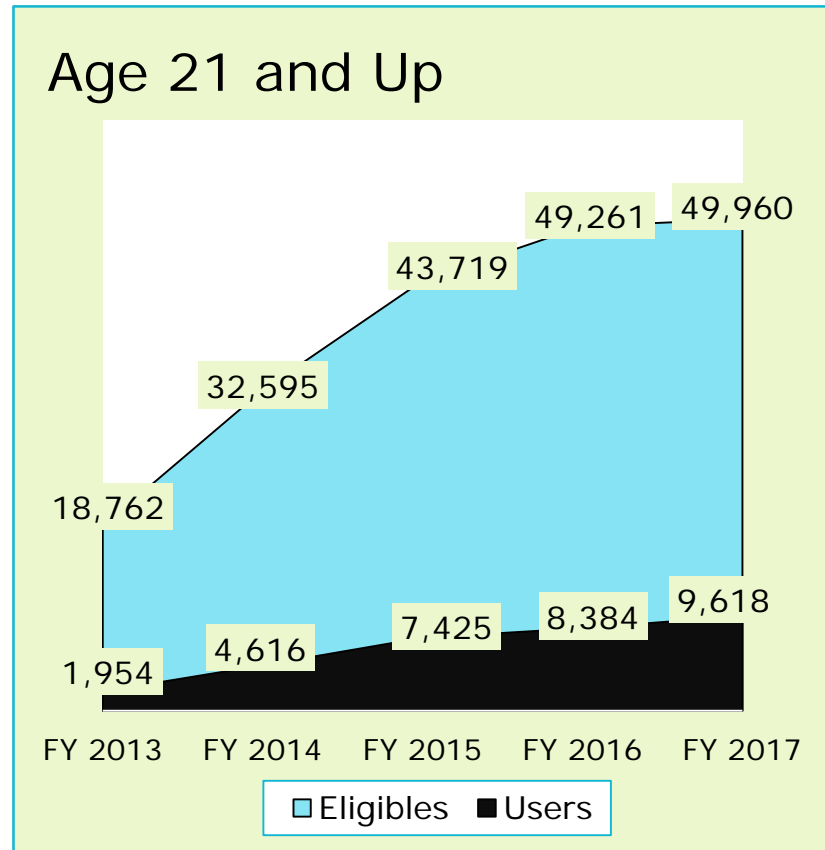
Dental Care Utilization: Thurston County Residents



Detail

- Insurance: Medicaid
- Timeframe: 2013-2017
- Percent Change:
 - Eligibles = 22% increase
 - Users = 31% increase
- Note: FY = Fiscal Year
- Source: Health Care Authority

Dental Care Utilization: Thurston County Residents



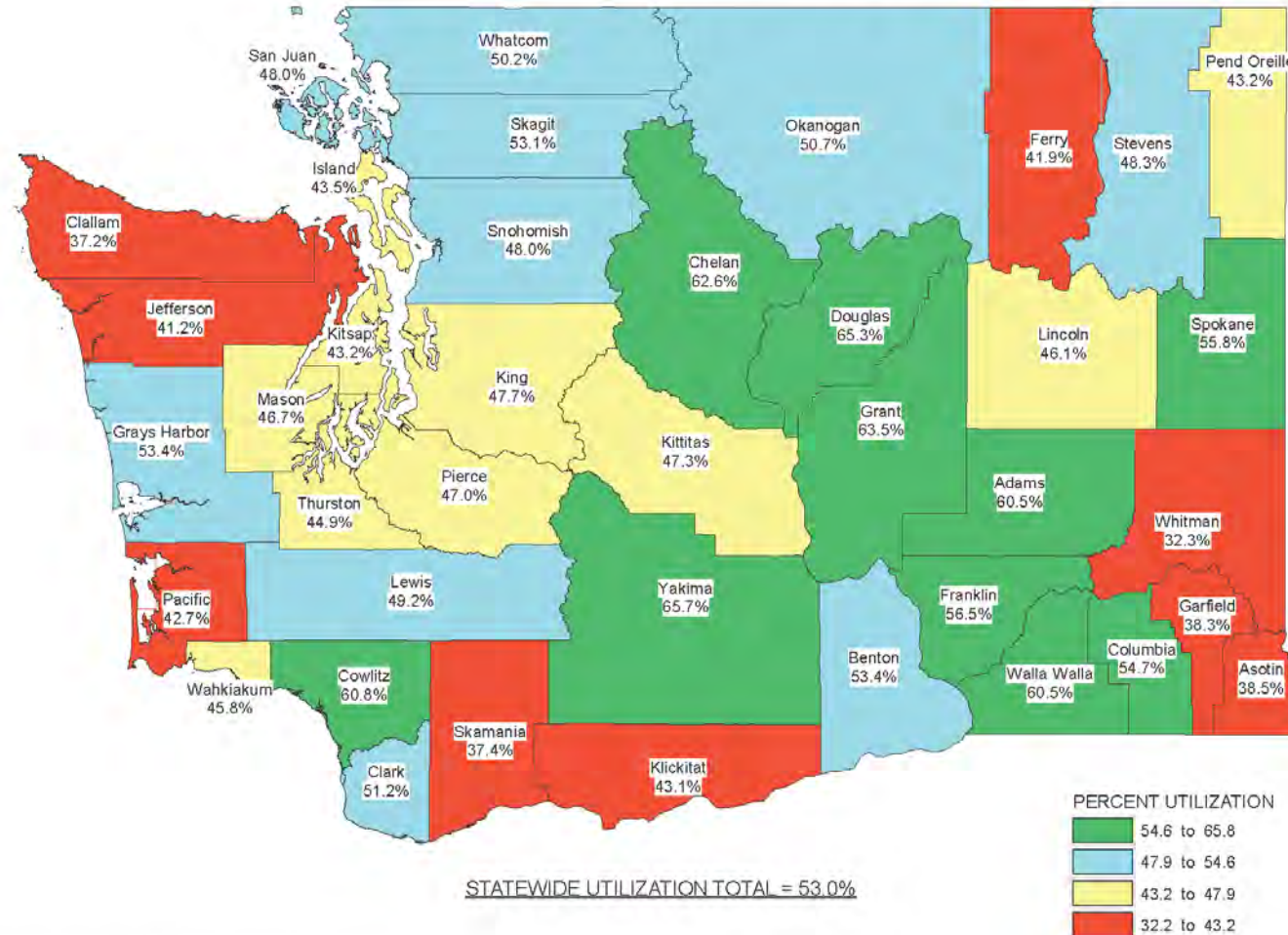
Detail

- Insurance: Medicaid
- Timeframe: 2013-2017
- Percent Change:
 - Eligibles = 166% increase
 - Users = 392% increase
- Note: FY = Fiscal Year
- Source: Health Care Authority

Age Birth to 5

- WA State: 53%
- Thurston: 45%

HEALTH CARE AUTHORITY DENTAL SERVICES ANNUAL PERCENT OF ELIGIBLE CLIENTS RECEIVING DENTAL SERVICES AGES 5 AND UNDER - FISCAL YEAR 2017



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Dental Care Utilization: Thurston County Children

FY 2017	# Eligibles	# Users	% Users
Age birth to 1	4,769	1,366	29%
Age 2 to 5	7,517	4,152	55%
Age 6 to 14	15,263	8,359	55%
Age 15 to 17	4,692	2,152	46%

Detail

- Insurance: Medicaid
- Timeframe: 2017
- Note: FY = Fiscal Year
- Source: Health Care Authority

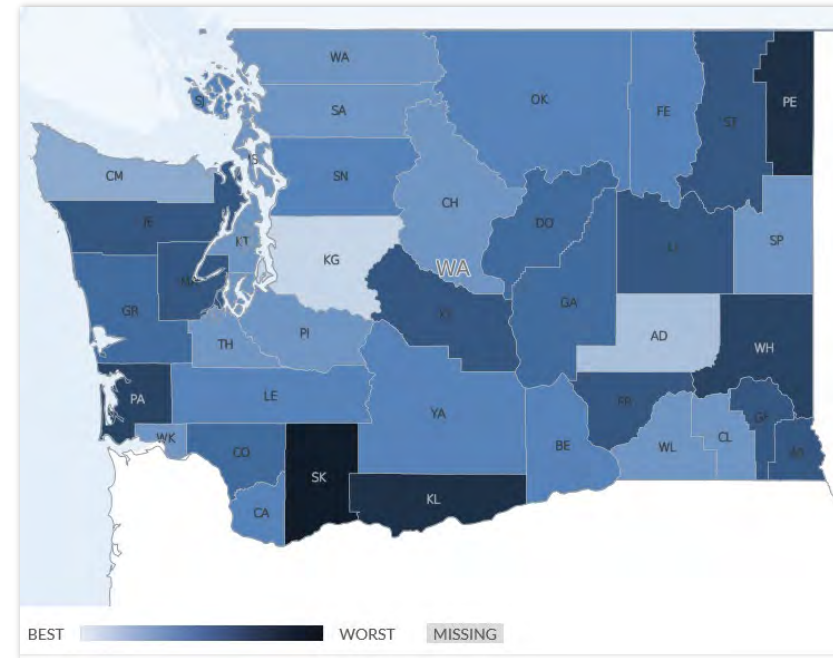


Licensed Provider Data

Ratio of Population to Dentists: Thurston County

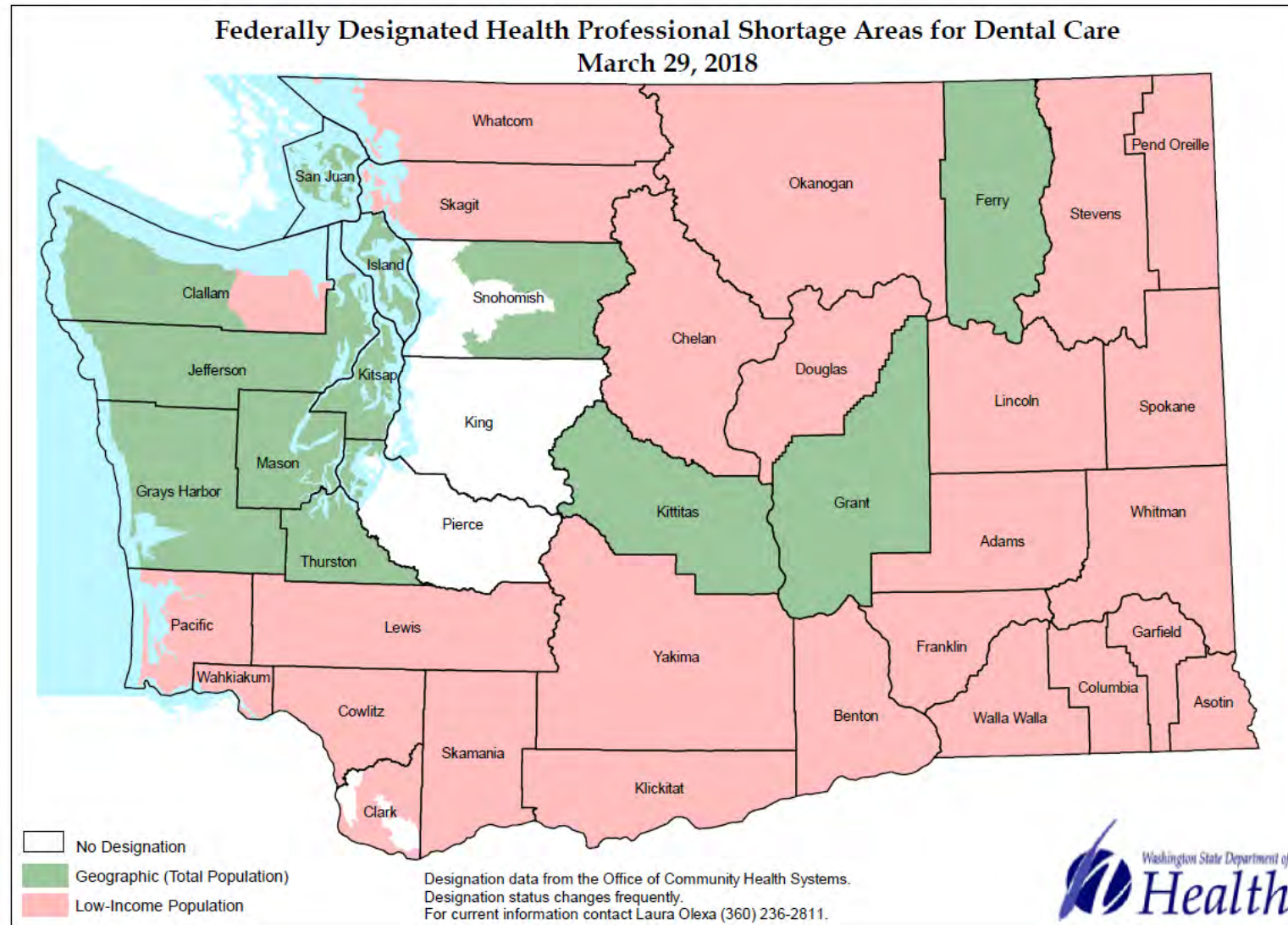
Detail

- Timeframe: 2016
- Total Dentists = 203
- Ratio
 - Thurston = 1,360 to 1
 - WA = 1,250 to 1
- Source: HRSA



Designations

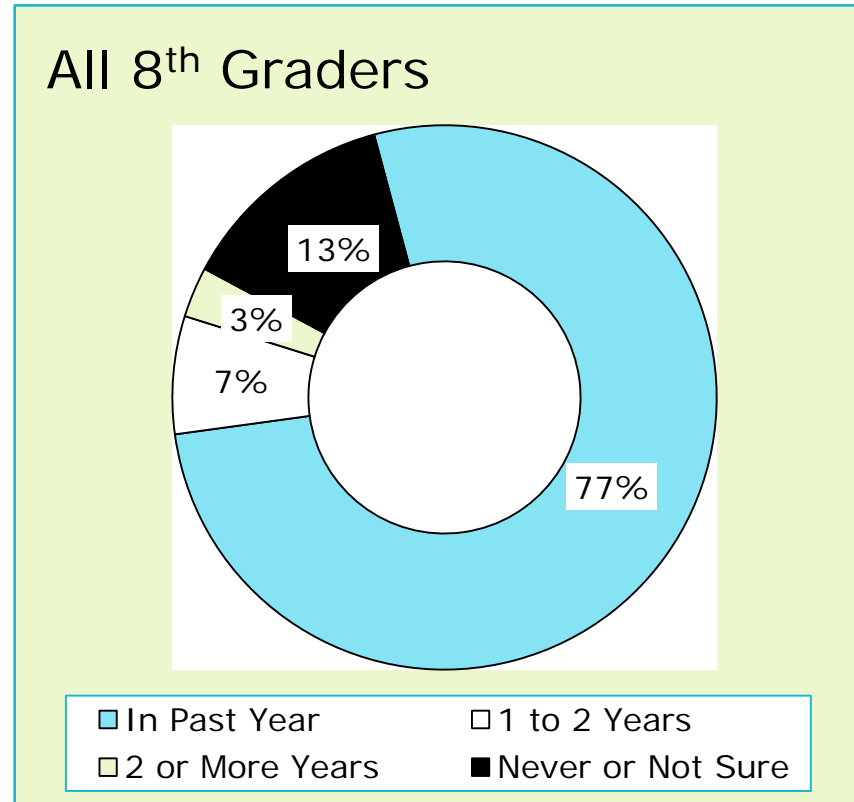
- North County
- South County
- Nisqually Tribe





Dental Visit Data

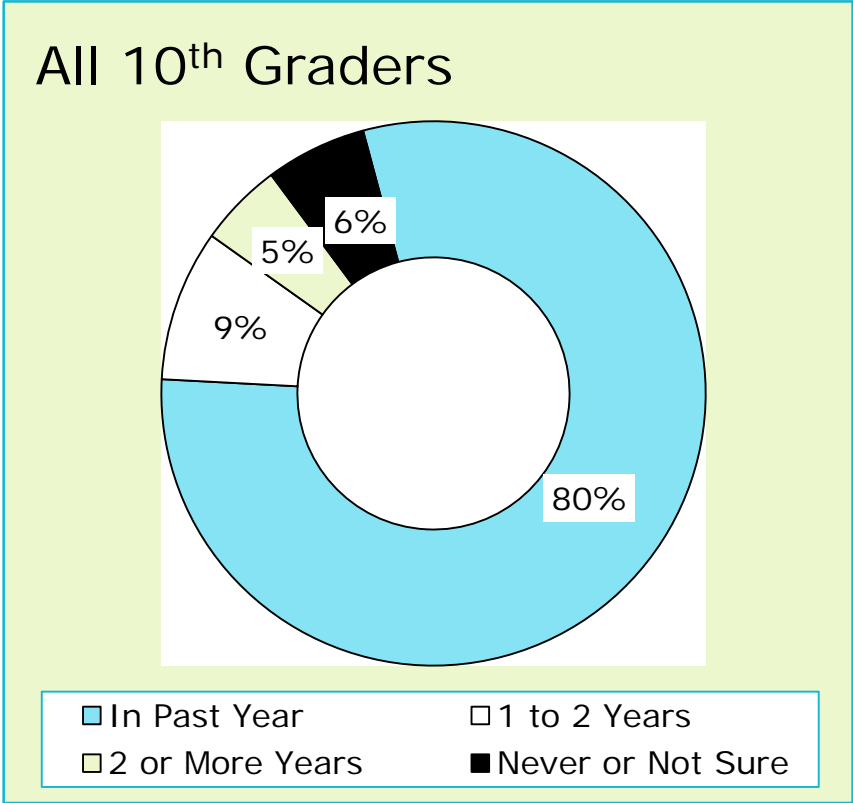
Last Dental Visit: Thurston County 8th Graders



Detail

- Timeframe: 2016
- Visit 1 or More Years Ago Estimate = 740 8th graders
- Parameters: Visit for any reason
- Note: Provider can be based in any county
- Source: HYS

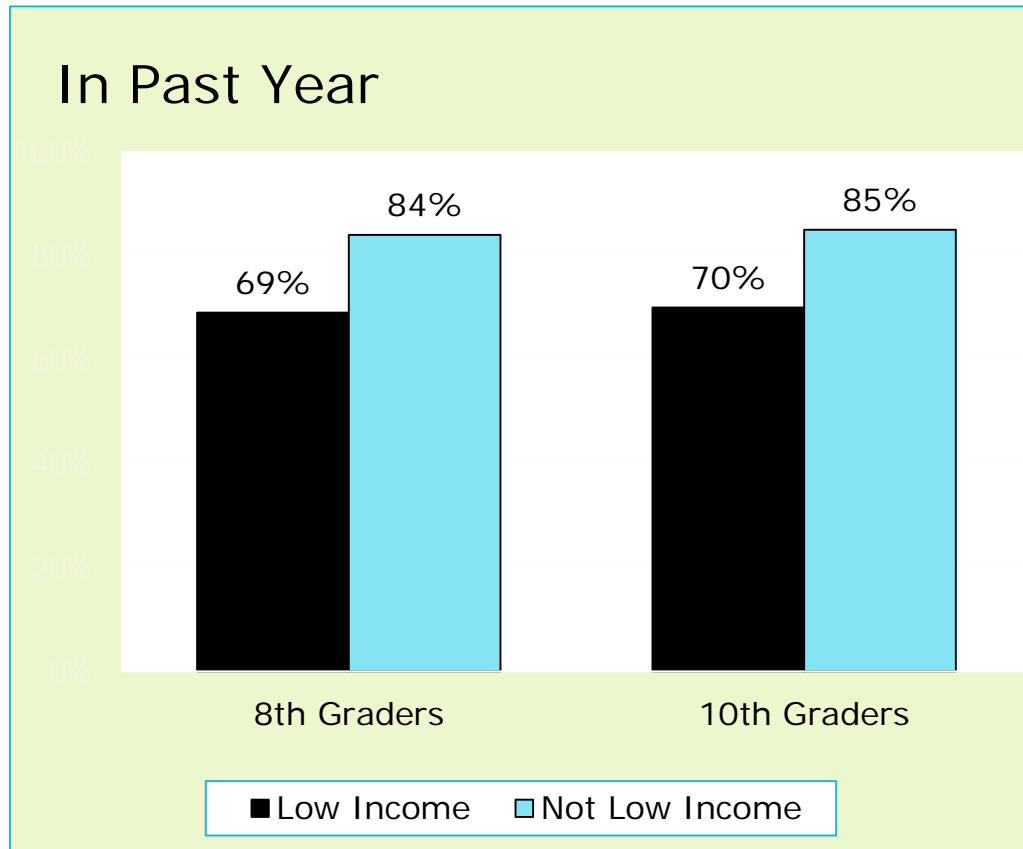
Last Dental Visit: Thurston County 10th Graders



Detail

- Timeframe: 2016
- Visit 1 or More Years Ago Estimate = 670 10th graders
- Parameters: Visit for any reason
- Note: Provider can be based in any county
- Source: HYS

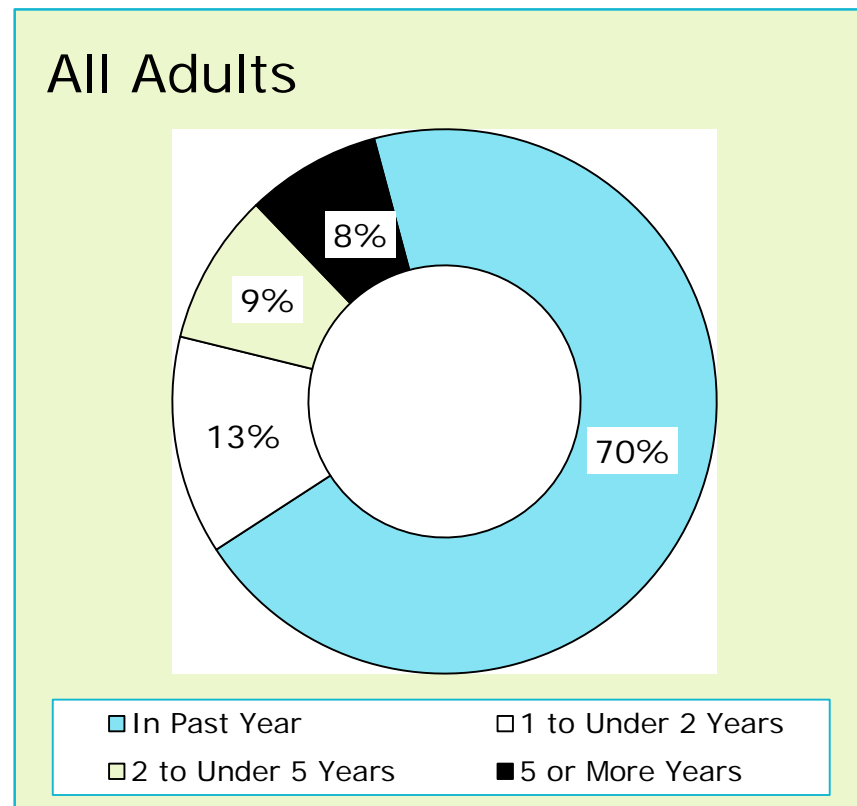
Last Dental Visit, Thurston County Youth



Detail

- Timeframe: 2016
- Parameters: Visit for any reason
- Low income: Eligible for free or reduced school meals
- Note: Provider can be based in any county
- Source: HYS

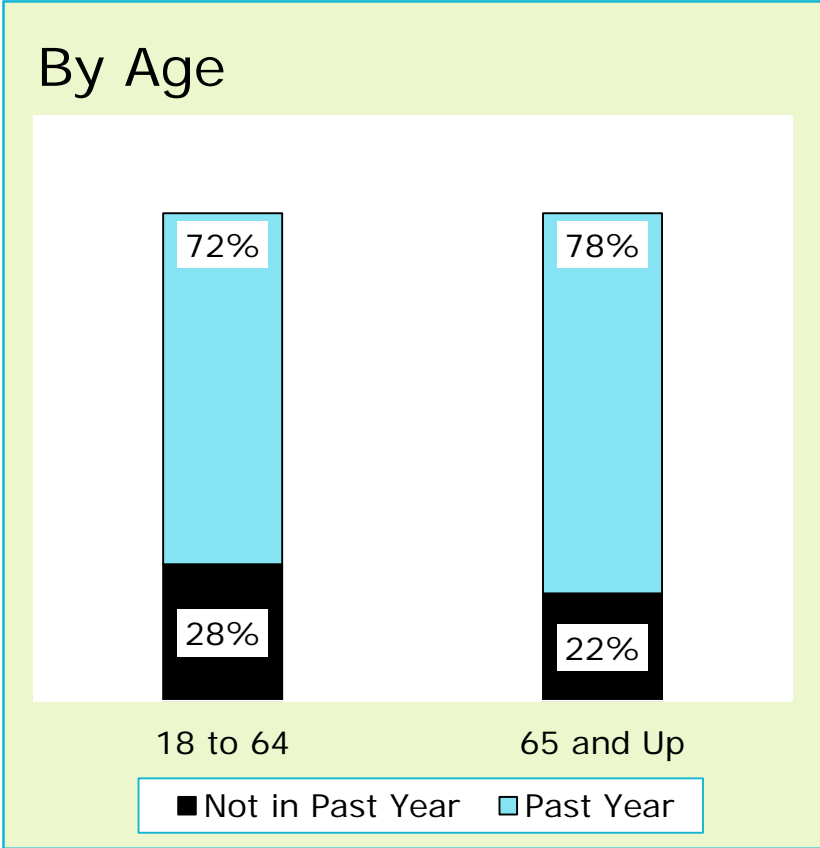
Last Dental Visit: Thurston County Adults



Detail

- Timeframe: 2016
- Last Visit
 - 1 Year or More Ago Estimate = 63,800 adults
 - 5 or More Years Ago Estimate = 17,000 adults
- Parameters: Visit for any reason, including specialists
- Note: Provider can be based in any county
- Source: BRFSS

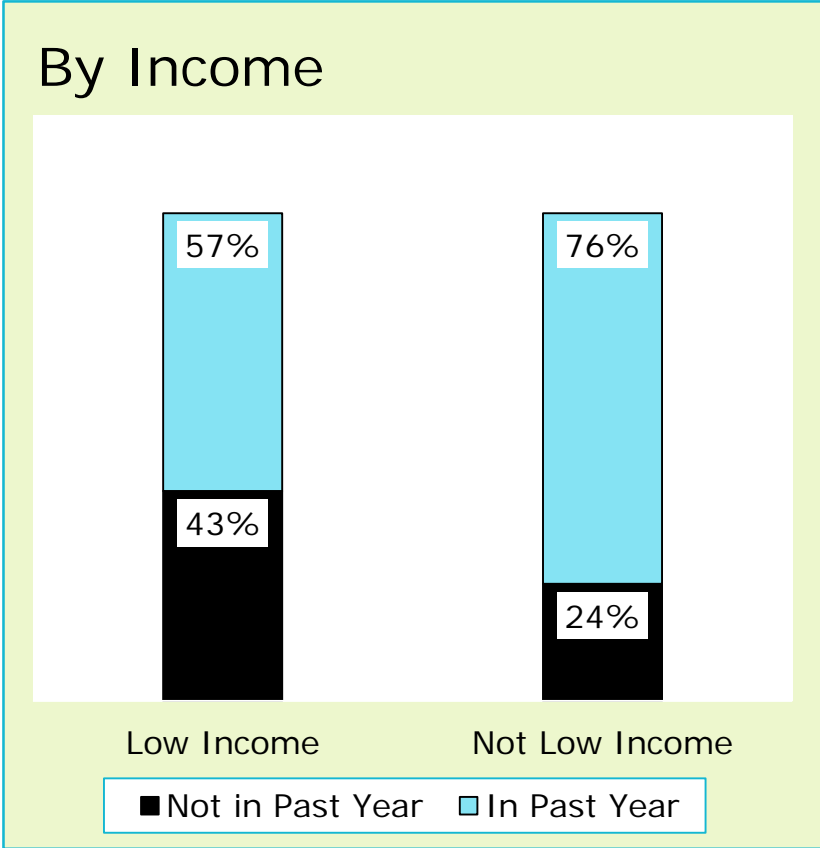
Last Dental Visit: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: Visit for any reason, including specialists
- Note: Provider can be based in any county
- Source: BRFSS

Last Dental Visit: Thurston County Adults



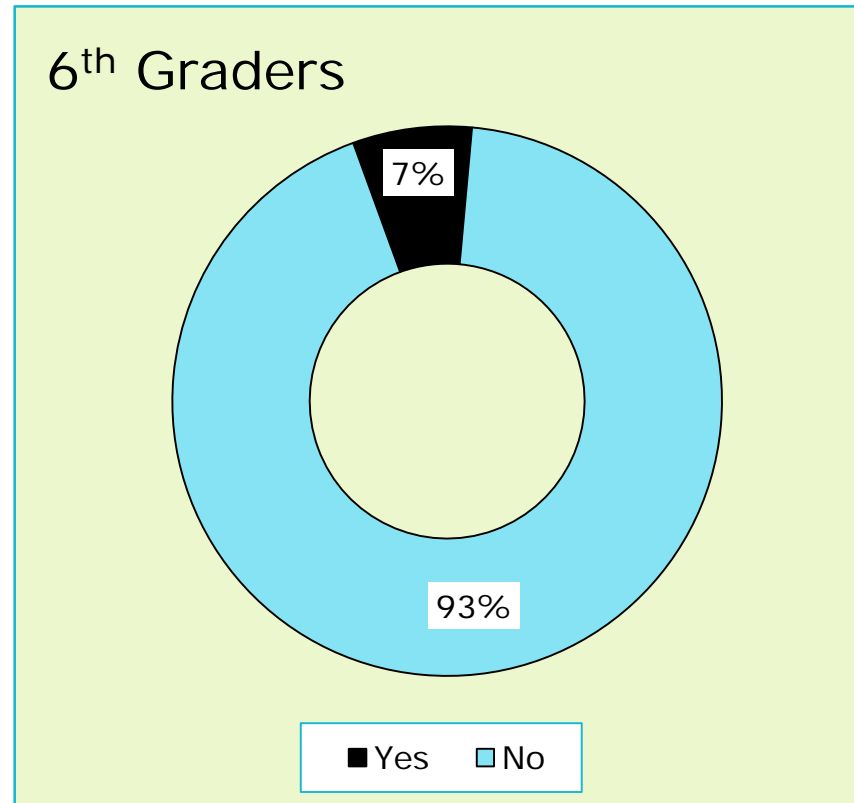
Detail

- Timeframe: 2016
- Parameters: Visit for any reason, including specialists
- Low Income: Annual household income less than \$35,000
- Note: Provider can be based in any county
- Source: BRFSS



Oral Health Data

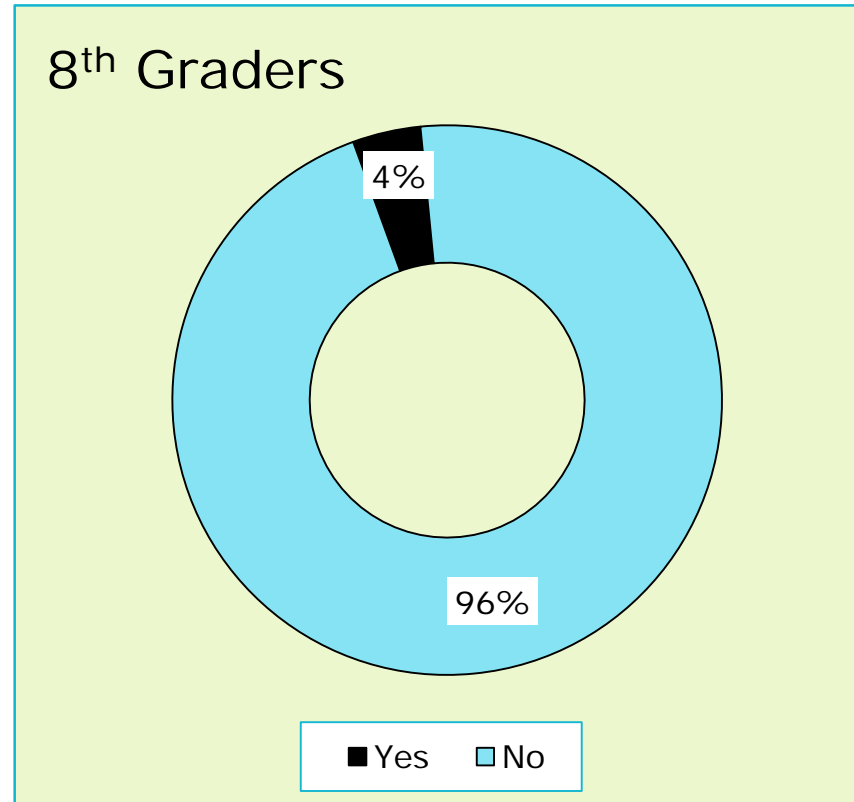
Missed School Toothache: Thurston County 6th Graders



Detail

- Timeframe: 2016
- Missed School Due to Toothache Estimate = 220 6th graders
- Parameters: Missing school in past year (answer of yes or 1 or more days)
- Note: Does not include braces or injury
- Source: HYS

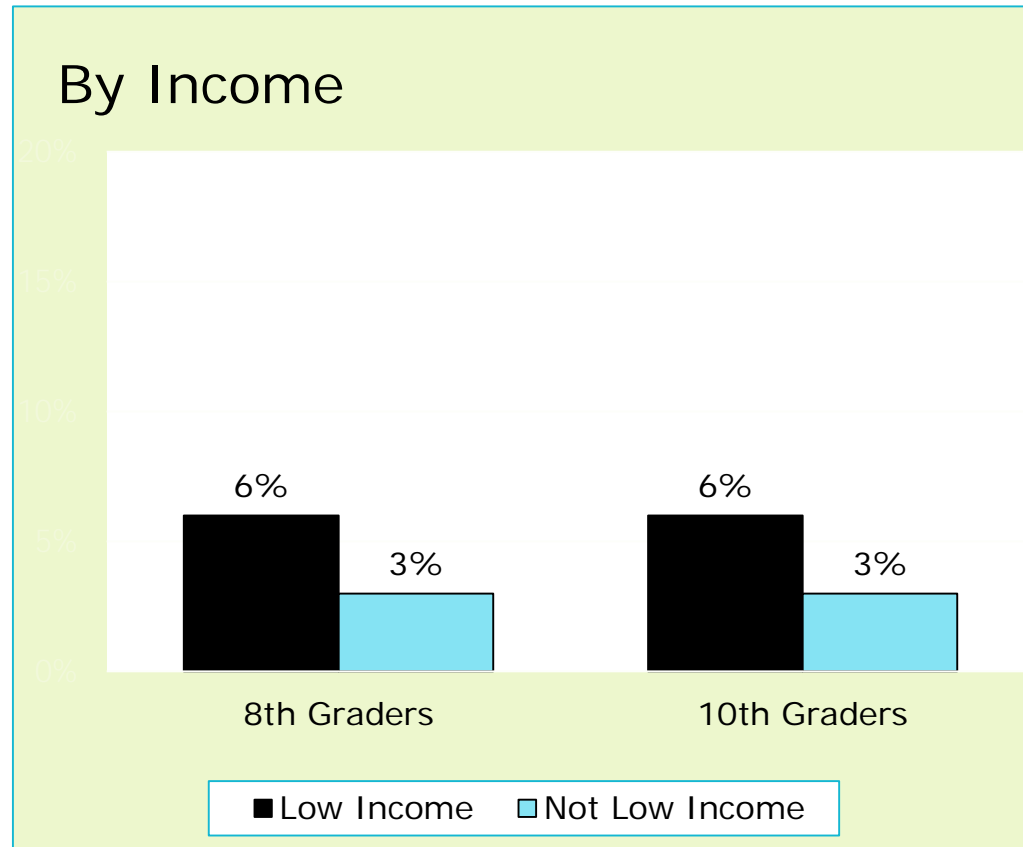
Missed School Toothache: Thurston County 8th Graders



Detail

- Timeframe: 2016
- Missed School Due to Toothache Estimate = 120 8th graders
- Parameters: Missing school in past year (answer of yes or 1 or more days)
- Note: Does not include braces or injury
- Source: HYS

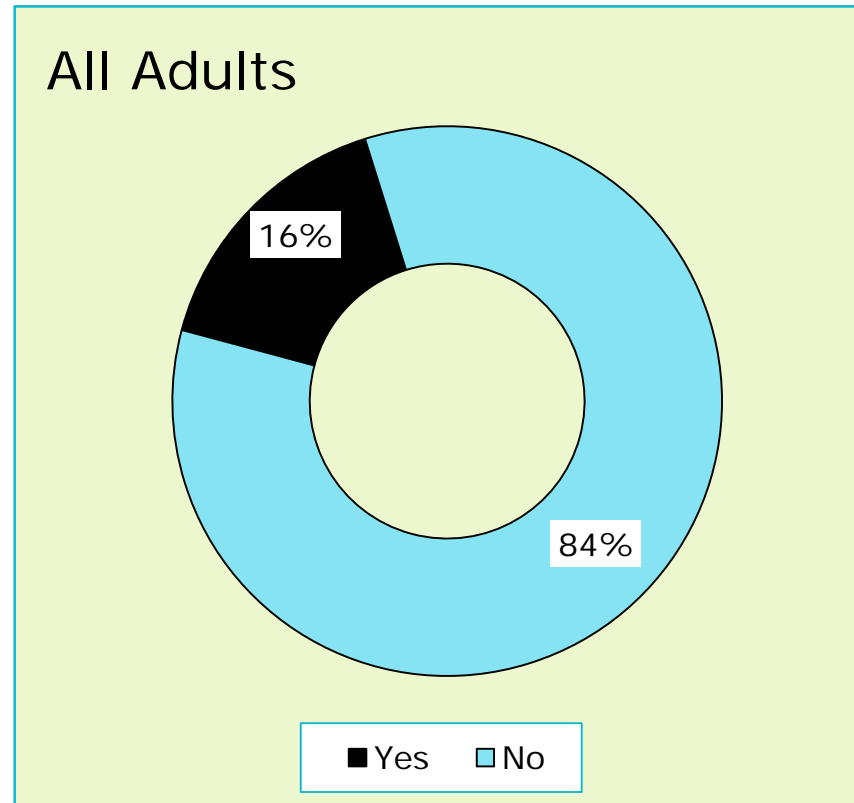
Missed School Toothache, Thurston County Youth



Detail

- Timeframe: 2016
- Parameters: Missing school in past year (answer of yes or 1 or more days)
- Low income: Eligible for free or reduced school meals
- Note: Does not include braces or injury
- Source: HYS

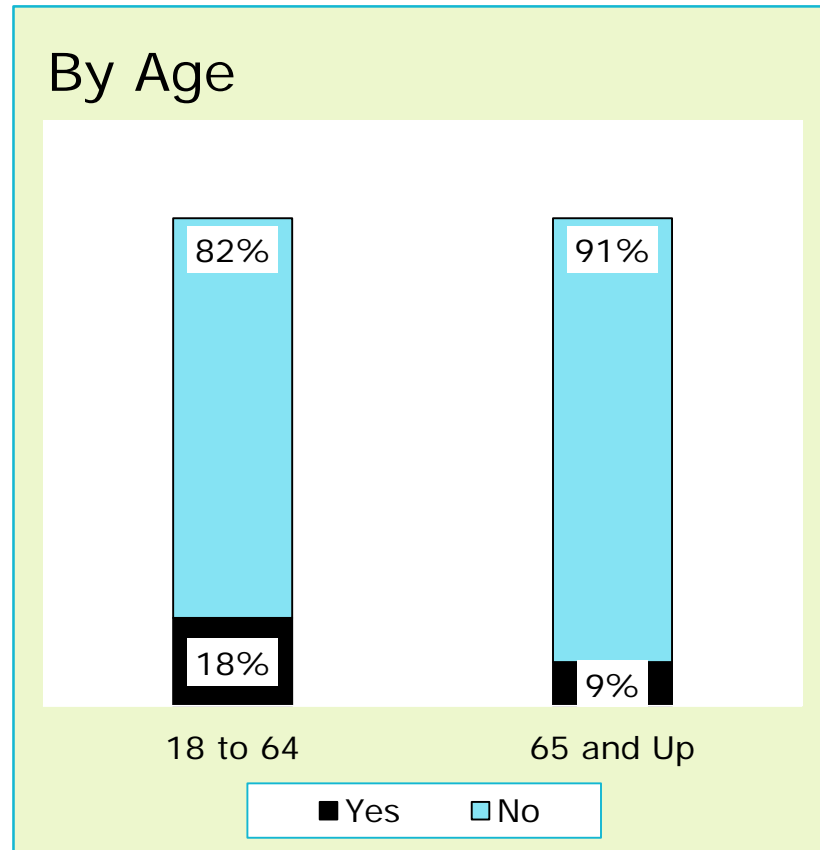
Mouth Pain in Past Year: Thurston County Adults



Detail

- Timeframe: 2016
- Experienced Mouth Pain Estimate = 34,000 adults
- Parameters: Yes (very often, occasionally), No (hardly ever, never)
- Source: BRFSS

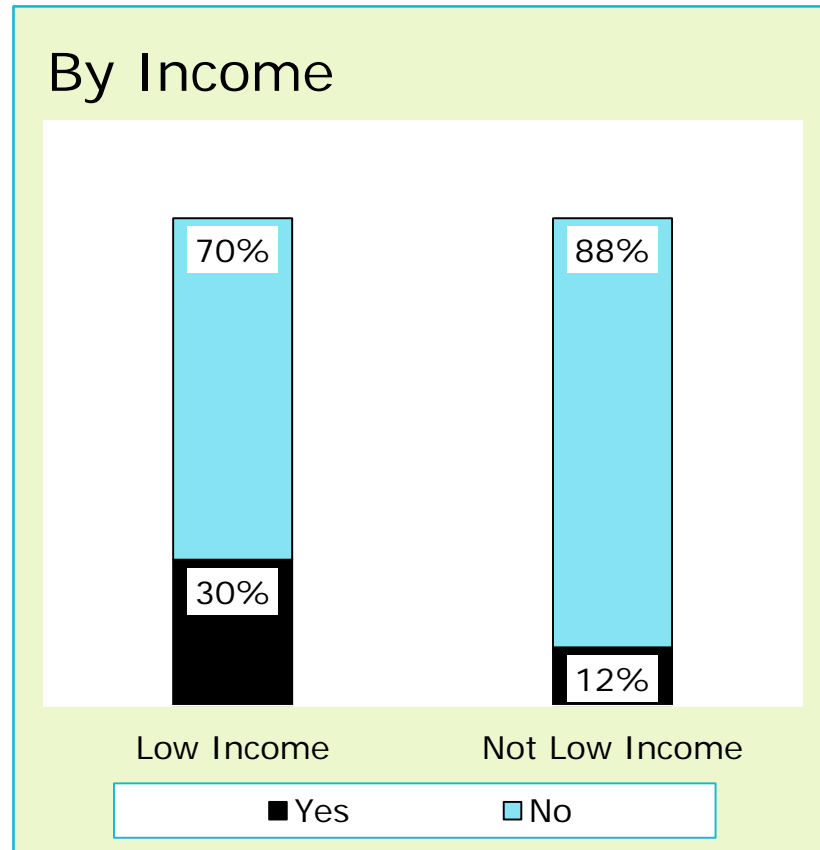
Mouth Pain in Past Year: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: Yes (very often, occasionally), No (hardly ever, never)
- Source: BRFSS

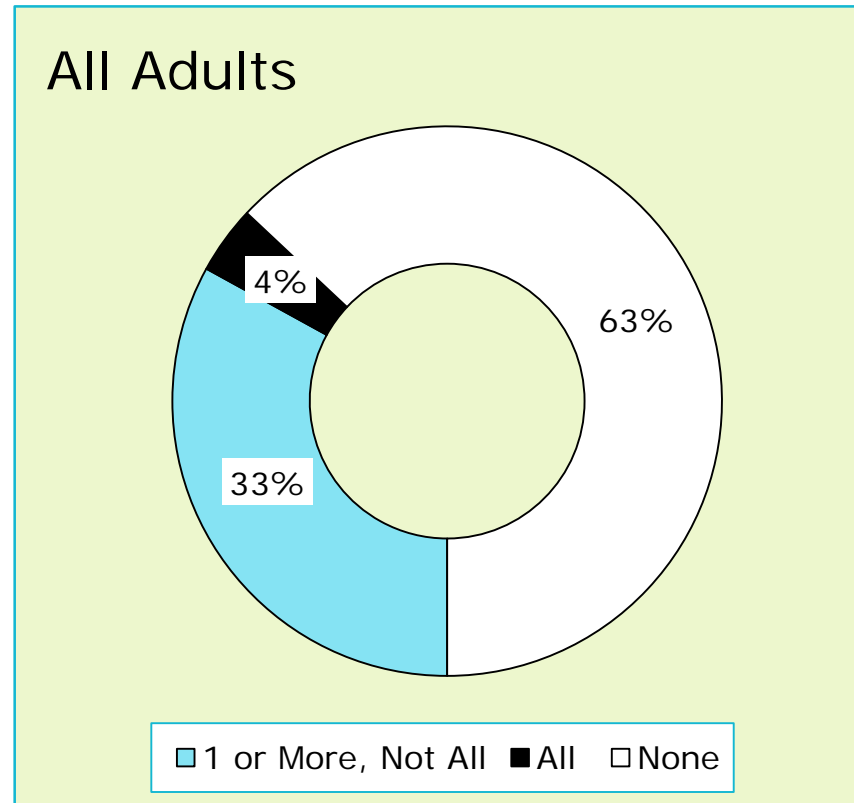
Mouth Pain in Past Year: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: Yes (very often, occasionally), No (hardly ever, never)
- Low Income: Annual household income less than \$35,000
- Source: BRFSS

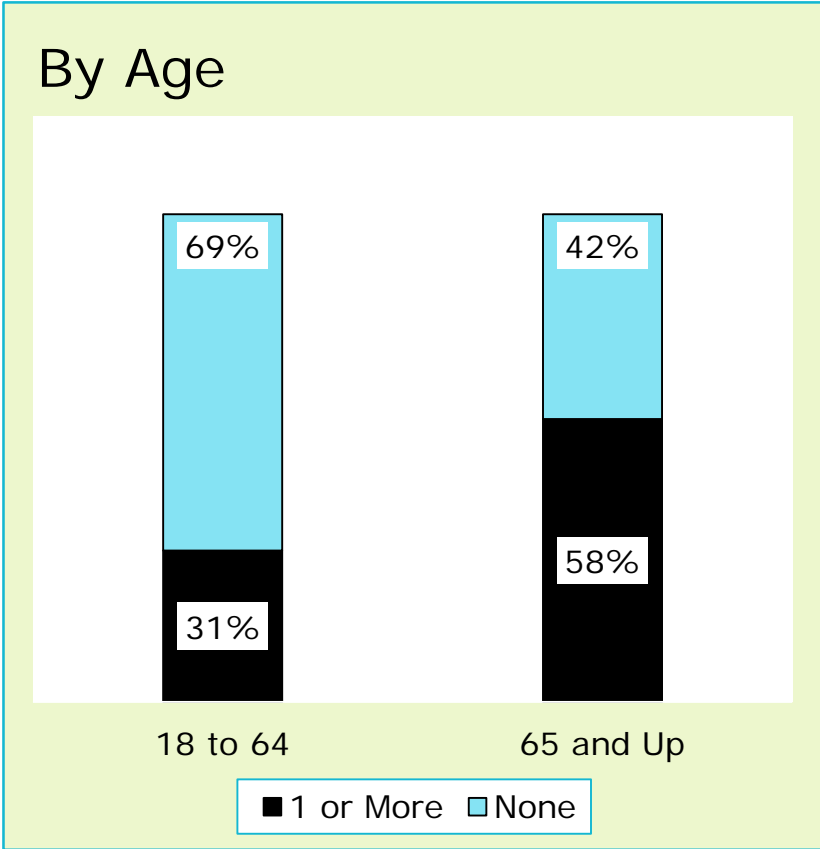
Permanent Teeth Removed: Thurston County Adults



Detail

- Timeframe: 2016
- 1 or More Teeth Removed Estimate = 78,700 adults
- Parameters: Due to tooth decay or gum disease
- Source: BRFSS

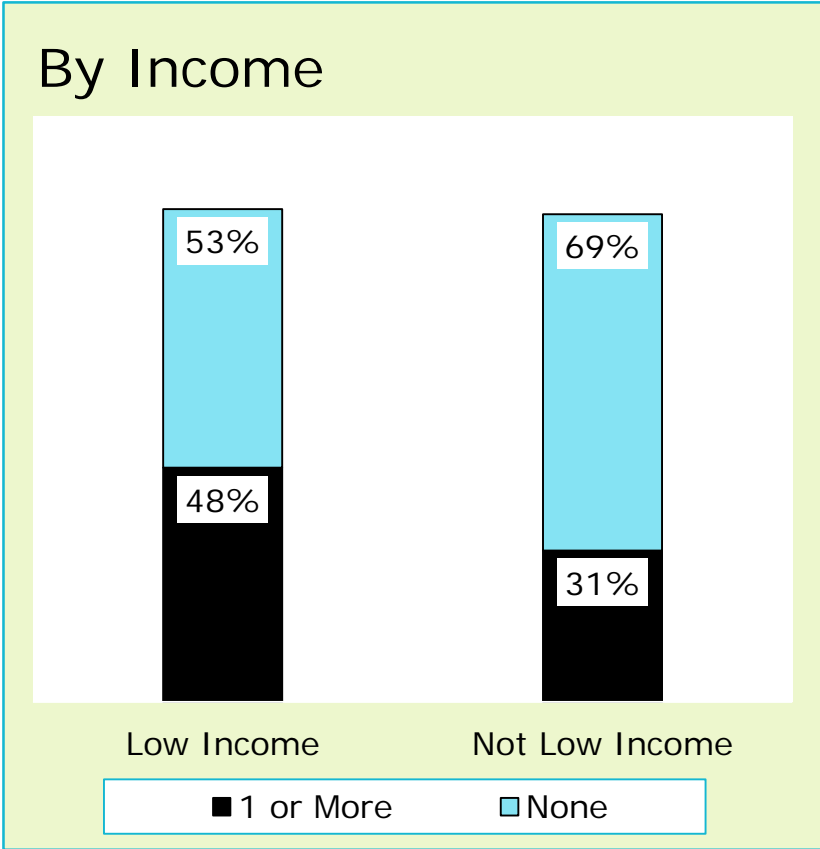
Permanent Teeth Removed: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: Due to tooth decay or gum disease
- Source: BRFSS

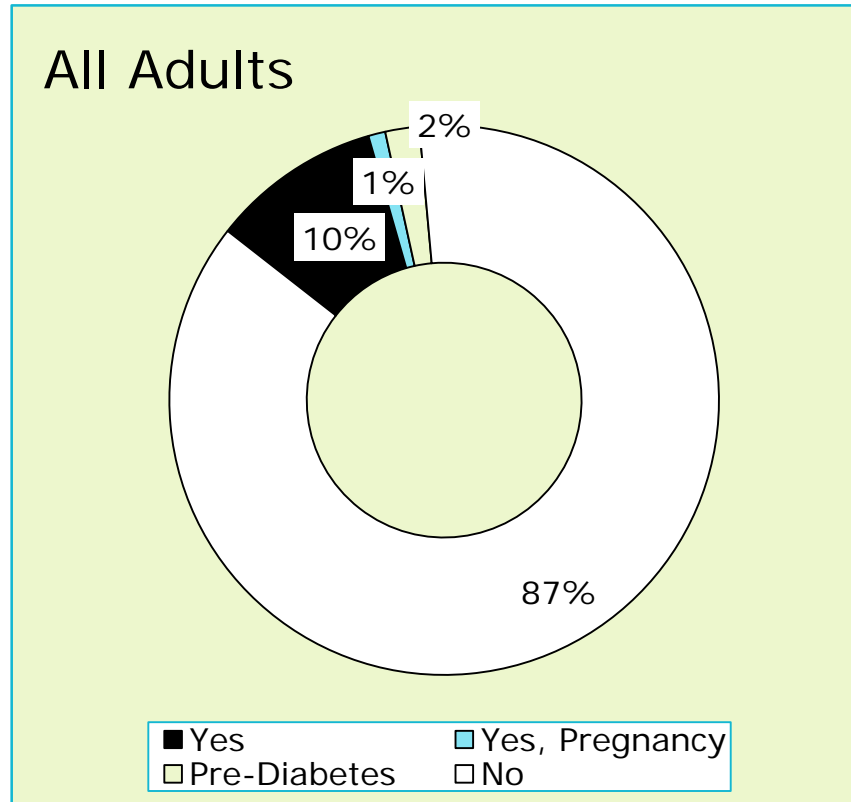
Permanent Teeth Removed: Thurston County Adults



Detail

- Timeframe: 2016
- Parameters: Due to tooth decay or gum disease
- Low Income: Annual household income less than \$35,000
- Source: BRFSS

Diabetes: Thurston County Adults



Detail

- Timeframe: 2016
- Diabetes Estimate = 21,200 adults
- Parameters: Ever told by health professional
- Source: BRFSS



Smile Survey Data

Arcora Foundation Report for Thurston County



Thurston County Oral Health Status 2010-2017

Key Findings

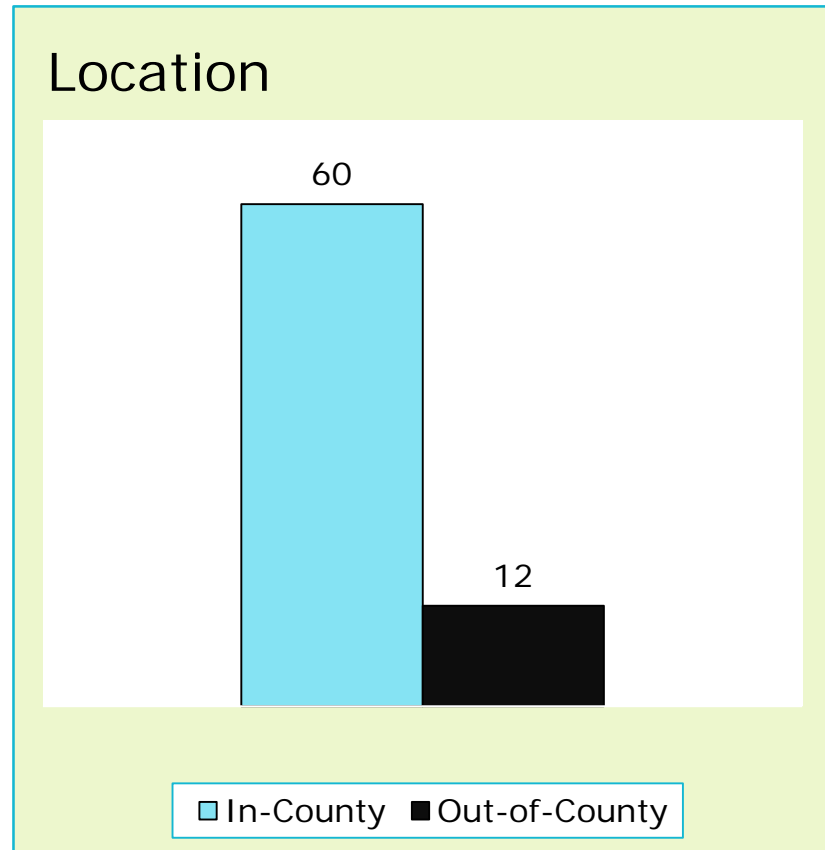
- Low-income preschool children in Thurston County have **similar decay rates** compared to children across the state (45%), **but have more severe decay rates** (rampant decay). On the other hand, low-income preschool children in Thurston County have **lower untreated decay** than Washington State.
- Untreated decay rates among Kindergarten children in Thurston County decreased by 47% since 2010.

<http://bit.ly/ThurstonArcoraOralHealth2017>



Emergency Department Data

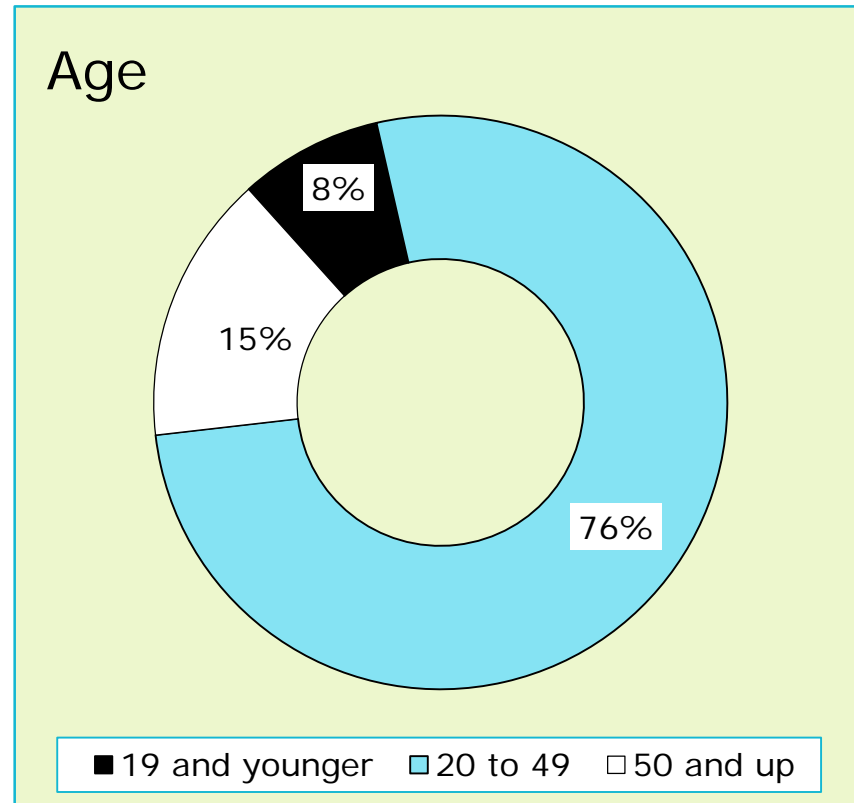
Oral Health ED Visits: Thurston County Residents



Detail

- Timeframe: July 1, 2017 - June 30, 2018
- Total Visits = 72
- Parameters: Visits for tooth, teeth, dental in chief complaint or discharge
- In-County: Providence St. Peter Hospital
- Note: ED = Emergency Department
- Source: ESSENCE

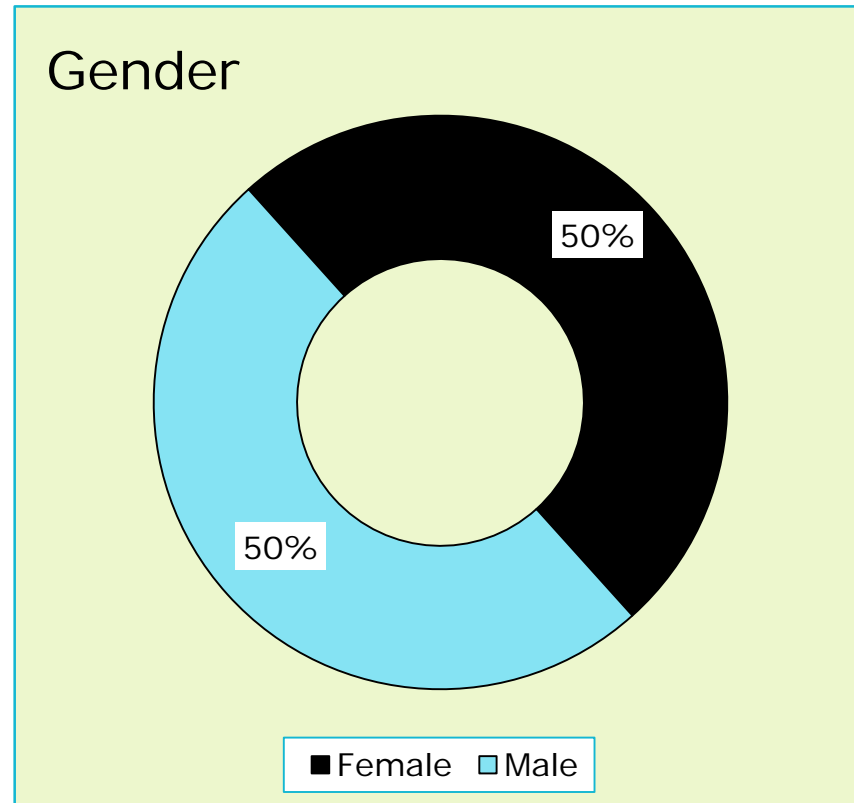
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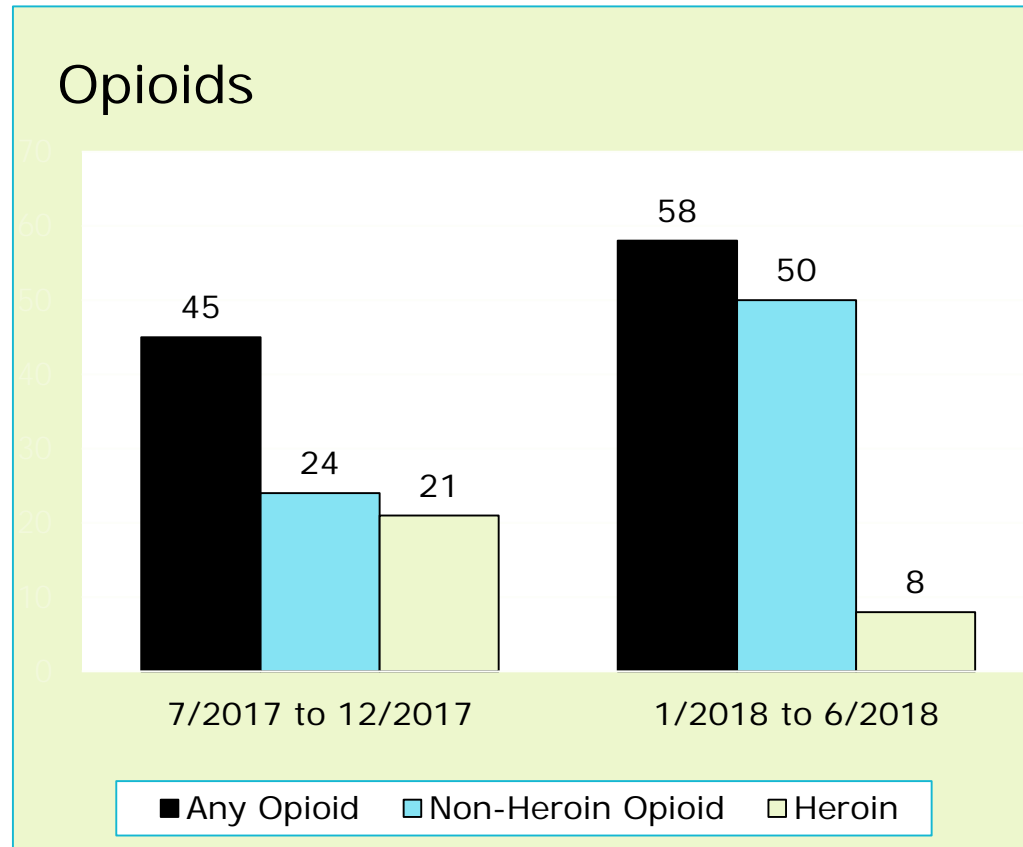
Oral Health ED Visits: Thurston County Residents



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- Note: ED = Emergency Department
- Source: ESSENCE

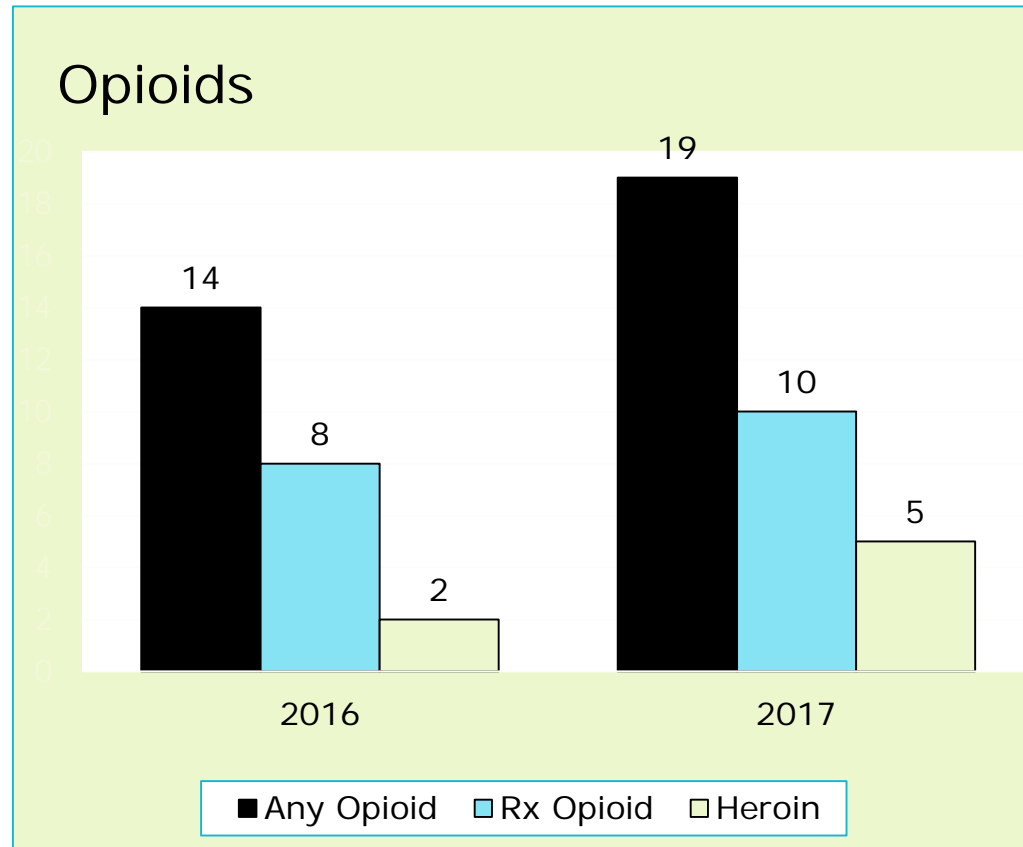
Overdose ED Visits, Thurston County Residents



Detail

- Timeframe: July 1, 2017 - June 30, 2018
- Total Visits = 103
- Average: 2 opioid overdoses ED visits every week (1st half 2018)
- Parameters: Includes unintentional, intentional, assault and undetermined
- Note: ED = Emergency Department
- Source: ESSENCE

Overdose Deaths, Thurston County Residents



Detail

- Timeframe: Calendar Year 2016-2017
- Average: 1 opioid overdose death every 3 weeks (2017)
- Parameters: Includes unintentional, intentional, assault and undetermined
- Source: Opioid Quarterly Report

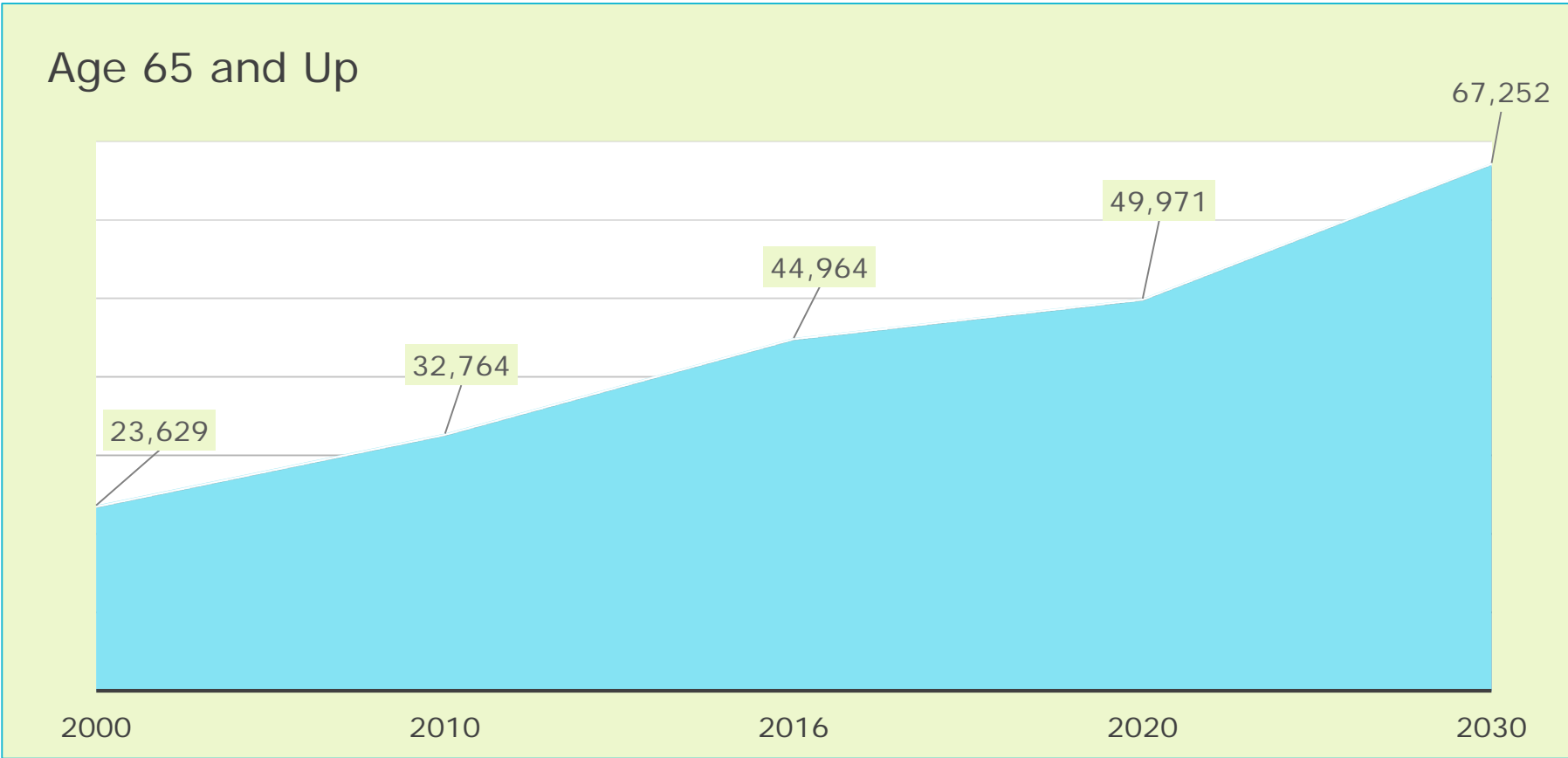
Oral Health Disparities

Definition

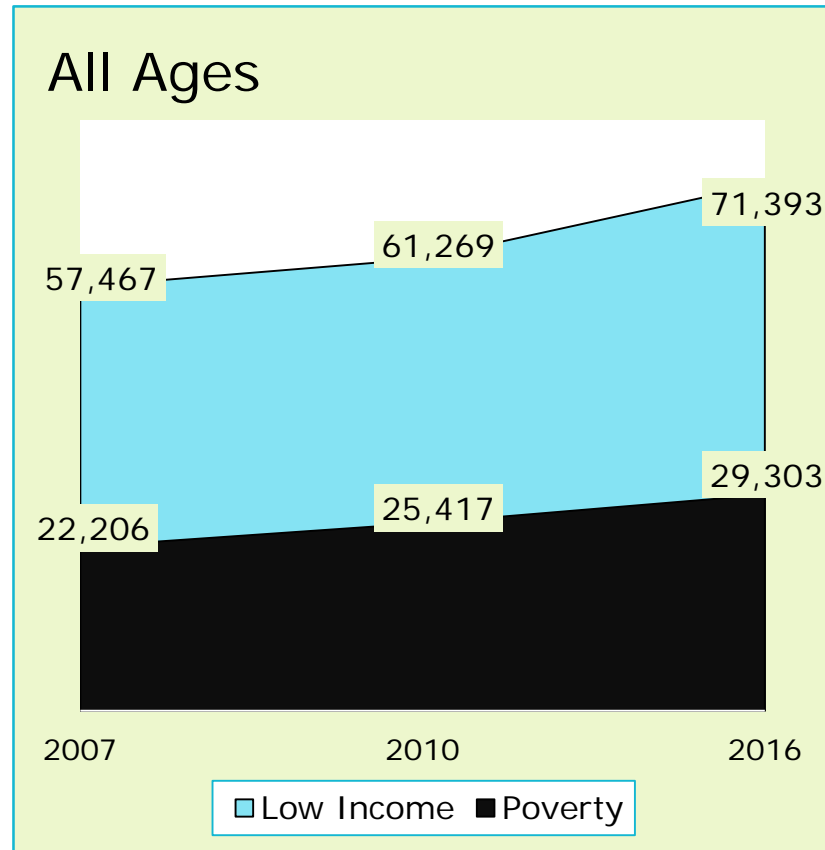
- A difference in health outcomes due to systematic experiences or societal conditions that impact specific groups of people.
- Thurston County
 - Age
 - Income



Population Change: Thurston County Residents



Income Change: Thurston County Residents



Detail

- Timeframe: 2007-2016
- Parameters: Low income (less than 200% of poverty), Poverty (less than 100% of poverty)
- Source: American Community Survey

Contact Information

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- ogarrom@co.thurston.wa.us

Presentation available online in PDF
and Powerpoint

- <http://bit.ly/PHSSHealthData>

