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: 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 Pie Chart]

Insured: 76%
Uninsured: 24%

Thurston County Public Health & Social Services Department
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

**Insured Adults**

<table>
<thead>
<tr>
<th>Year</th>
<th>Thurston</th>
<th>WA State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>63%</td>
<td>66%</td>
</tr>
<tr>
<td>2014</td>
<td>65%</td>
<td>72%</td>
</tr>
<tr>
<td>2016</td>
<td>67%</td>
<td>76%</td>
</tr>
</tbody>
</table>
Dental Insurance: Thurston County Adults

Adults by Income

- Low Income: 34% Uninsured, 66% Insured
- Not Low Income: 14% Uninsured, 86% Insured

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

Adults by Age

- **18 to 64**: 21% Uninsured, 79% Insured
- **65 and Up**: 34% Uninsured, 66% Insured

**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

Thurston County Public Health & Social Services Department
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

Thurston County Public Health & Social Services Department
**Health & Dental Insurance: Thurston County Adults**

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

**Source of Health Insurance**
- No Health Insurance: 1%
- Other: 2%
- Purchased Own Plan: 5%
- Medicare: 10%
- Military: 11%
- Medicaid: 12%
- Employer/Union Plan: 59%

*Among Adults with Dental Insurance*
Medicaid Dental Utilization Data
All Ages

- WA State: 39%
- Thurston: 31%
Age Birth to 20

- WA State: 56%
- Thurston: 47%
Age 21 and Up
- WA State: 23%
- Thurston: 19%
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

**Chart Title:**

Dental Care Utilization: Thurston County Residents

**Age 21 and Up**

- **Eligibles**
  - FY 2013: 18,762
  - FY 2014: 32,595
  - FY 2015: 43,719
  - FY 2016: 49,261
  - FY 2017: 49,960
- **Users**
  - FY 2013: 1,954
  - FY 2014: 4,616
  - FY 2015: 7,425
  - FY 2016: 8,384
  - FY 2017: 9,618

**Note:**

Source: Health Care Authority
Age Birth to 5
- WA State: 53%
- Thurston: 45%
# Dental Care Utilization: Thurston County Children

<table>
<thead>
<tr>
<th>Age</th>
<th>Eligibles</th>
<th>Users</th>
<th>% Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birth to 1</td>
<td>4,769</td>
<td>1,366</td>
<td>29%</td>
</tr>
<tr>
<td>2 to 5</td>
<td>7,517</td>
<td>4,152</td>
<td>55%</td>
</tr>
<tr>
<td>6 to 14</td>
<td>15,263</td>
<td>8,359</td>
<td>55%</td>
</tr>
<tr>
<td>15 to 17</td>
<td>4,692</td>
<td>2,152</td>
<td>46%</td>
</tr>
</tbody>
</table>

- **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

Thurston County Public Health & Social Services Department
Last Dental Visit: Thurston County 10th Graders

- 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

Thurston County Public Health & Social Services Department
Last Dental Visit, Thurston County Youth

In Past Year

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

By Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Not in Past Year</th>
<th>Past Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 to 64</td>
<td>28%</td>
<td>72%</td>
</tr>
<tr>
<td>65 and Up</td>
<td>22%</td>
<td>78%</td>
</tr>
</tbody>
</table>

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

By Income

- Low Income: 57% Not in Past Year, 43% In Past Year
- Not Low Income: 76% Not in Past Year, 24% In Past Year

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

Thurston County Public Health & Social Services Department
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

Thurston County Public Health & Social Services Department
Missed School Toothache, Thurston County Youth

By Income

<table>
<thead>
<tr>
<th></th>
<th>8th Graders</th>
<th>10th Graders</th>
</tr>
</thead>
<tbody>
<tr>
<td>6%</td>
<td>3%</td>
<td>6%</td>
</tr>
<tr>
<td>Low Income</td>
<td>Not Low Income</td>
<td></td>
</tr>
</tbody>
</table>

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

Thurston County Public Health & Social Services Department
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

By Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Yes (%)</th>
<th>No (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 to 64</td>
<td>18%</td>
<td>82%</td>
</tr>
<tr>
<td>65 and Up</td>
<td>9%</td>
<td>91%</td>
</tr>
</tbody>
</table>

Detail

- Timeframe: 2016
- Parameters: Yes (very often, occasionally), No (hardly ever, never)
- Source: BRFSS
Mouth Pain in Past Year: Thurston County Adults

By Income

<table>
<thead>
<tr>
<th>Low Income</th>
<th>Not Low Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes (30%)</td>
<td>Yes (70%)</td>
</tr>
<tr>
<td>No (12%)</td>
<td>No (88%)</td>
</tr>
</tbody>
</table>

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

Thurston County Public Health & Social Services Department
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

By Age

<table>
<thead>
<tr>
<th>Age</th>
<th>1 or More</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 to 64</td>
<td>31%</td>
<td>69%</td>
</tr>
<tr>
<td>65 and Up</td>
<td>58%</td>
<td>42%</td>
</tr>
</tbody>
</table>

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

Thurston County Public Health & Social Services Department
Permanent Teeth Removed: Thurston County Adults

By Income

<table>
<thead>
<tr>
<th>Low Income</th>
<th>Not Low Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>53%</td>
<td>48%</td>
</tr>
<tr>
<td>69%</td>
<td>31%</td>
</tr>
</tbody>
</table>

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

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

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

Thurston County Public Health & Social Services Department
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
- Note: ED = Emergency Department
- Source: ESSENCE
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
- Note: ED = Emergency Department
- Source: ESSENCE

Gender

50% Female
50% Male

Thurston County Public Health & Social Services Department
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
Definition

• A difference in health outcomes due to systematic experiences or societal conditions that impact specific groups of people.

• Thurston County
  • Age
  • Income
Income Change: Thurston County Residents

- **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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Presentation available online in PDF and Powerpoint
  o http://bit.ly/PHSSHealthData