

Community Health Summit: Clallam County's Community Health Improvement Process

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Peninsula College, Port Angeles

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Community health and well-being...

encompasses the experiences of all individuals and the community context into which people are born and live.



Social and Economic (40%): social support, community safety, income, education, employment

Physical Environment (10%): built environment, environmental quality

Personal Behavior (30%): diet and exercise, substance use, sexual activity

Clinical Care (20%): access to care, quality of care

What is the CHSA?

- Clallam County's Community Health Status Assessment
 - Compilation of data gathered from many sources, mostly presented in an "indicator" format
 - Data shared at community meeting Nov. 2012, community survey completed (n=86)
 - Document completed Dec. 2012

YOUTH SERIOUSLY CONSIDERED SUICIDE IN PAST YEAR

Source: WA State Healthy Youth Survey

Summary: In 2010, 1 in 6 eighth grade students reported seriously considering suicide in the past year, about the same as the proportion for WA State. In 2010, almost 1 in 7 10th graders reported seriously considering suicide in the past year, slightly lower than the proportion for WA State.

	Clallam County (without Port Angeles)	Jefferson County	WA State
EIGHTH GRADE			
Most recent year(s):			
2010	16.8%	18.9%	14.6%
Previous year(s):			
2004	15.4%	18.4%	13.7%
Change from previous to recent:			
% change from 2004 to 2010	9%	3%	7%
TENTH GRADE			
Most recent year(s):			
2010	14.6%	19.2%	17.6%
Previous year(s):			
2004	--	20.8%	17.8%
Change from previous to recent:			
% change from 2004 to 2010	--	-8%	-1%

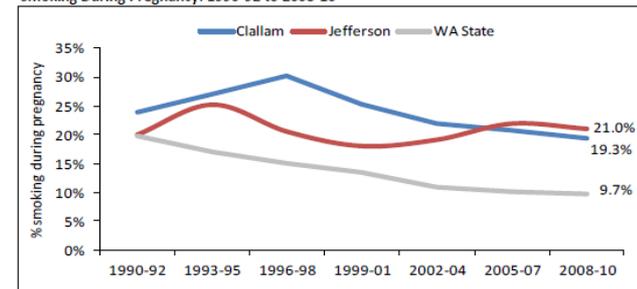
SMOKING DURING PREGNANCY

Source: WA State Community Health Assessment Tool (CHAT)

Summary: The Clallam County rate of mothers smoking during pregnancy has had a statistical decrease since 1999-01. The 2008-10 Clallam County and Jefferson County rate are both statistically higher than the WA State rate.

	Clallam County	Jefferson County	WA State
Most recent year(s):			
2008-10	19.3%	21.0%	9.7%
Previous year(s):			
1990-92	24.0%	20.0%	19.8%
Change from previous to recent:			
% change from 1990-92 to 2008-10	-20%	5%	-51%

Smoking During Pregnancy: 1990-92 to 2008-10

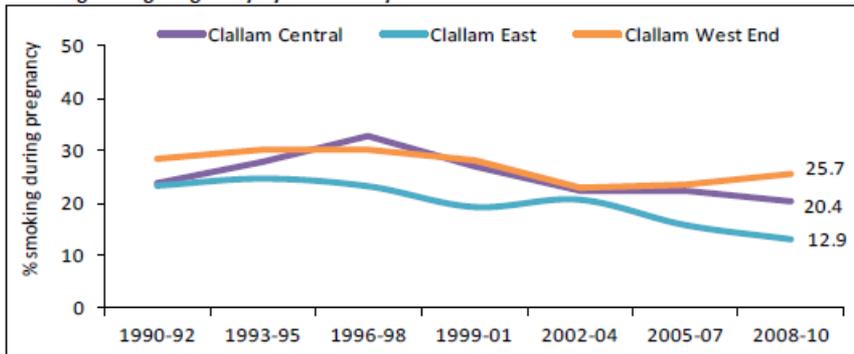


What is the CHSA?

- Considerations:
 - Selected measures: not comprehensive
 - Selection: standard use, availability and reliability of data, ability to track over time and to compare across geographies
 - Contains differences between groups when possible (health disparities)

Summary: Clallam West End has the highest rate of smoking during pregnancy; Clallam East has the lowest rate.

Smoking During Pregnancy by Sub-County Area: 1990-92 to 2008-10

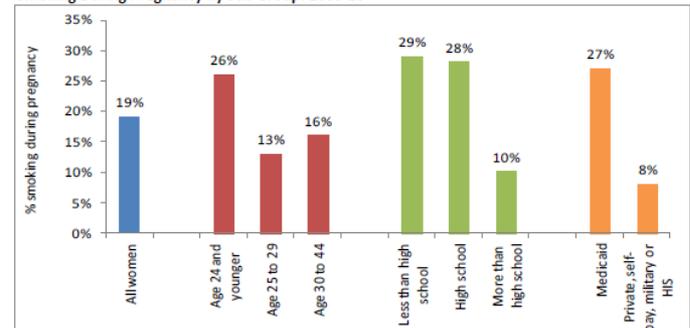


SMOKING DURING PREGNANCY BY SUB GROUP

Source: WA State Community Health Assessment Tool (CHAT)

Summary: Younger women, women with a lower level of education, and low income women have higher rates of smoking during pregnancy. For these groups, more than 1 in 4 pregnant women smokes.

Smoking During Pregnancy by Sub Group: 2008-10



What did we learn from the CHSA?

- **Worsening trend over time**
 - Many socioeconomic: poverty, food stamps, HS drop-out, unemployment, housing cost as % of income
 - Pregnancy and births: LBW, unmarried mothers
 - Substance abuse: adult alcohol & meth treatment rates, drug & opiate-related hospitalization rates
 - Chronic disease: cardiovascular disease prevalence, diabetes-related hospitalization & death rates, falls hospitalization rate (age 65+)
 - Other: kindergartners w/ complete immunizations, illnesses related to unsafe water/food or poor hygiene

What did we learn from the CHSA?

- **Worse than WA (at most recent time period)**
 - Many socioeconomic: poverty, unemployment, more than HS education (adults >25), HS drop-out, owned housing cost as % of income, Medicaid births
 - Pregnancy and births: smoking during pregnancy, mothers more than HS education, unmarried mothers
 - Substance abuse: adult alcohol & meth treatment rates, youth alcohol & meth treatment rates, opiate-related hospitalization rate, drug and opiate-related death rates, injury & poisoning death rate
 - Chronic disease: cardiovascular disease prevalence, asthma hospitalization rate

What did we learn from the CHSA?

- **Worse than WA (at most recent time period)**
 - Other health measures: kindergartners w/ complete immunizations, death rate due to accidents, influenza & pneumonia death rate, years of potential life lost (YPLL)
 - Environmental health: motor vehicle death rate, % of food establishments that are safe
 - Quality of life: child abuse & neglect referral rate, arrests to adolescents (age 10-17), domestic violence arrest rate, suicide death rate

What else do we know?

- Only some agency-level data were included
- Hospital data were included but were large-scale
- Disparities in indicators in CHSA but would not be included in trends or state comparisons
- Each community member lends a different but important perspective on “the state of Clallam County” - can be leveraged to decide how to best address chosen priorities along with consideration of evidence-based interventions

Six Potential Health Priority Areas

- 1) Medical Home/Availability of Primary Providers
- 2) Mental Health/Early Identification, Access to Outpatient Services, Crisis Intervention
- 3) Chronic Disease Prevention/Management
- 4) Substance Abuse: opiate, alcohol, tobacco
- 5) Oral Health and Dental Access
- 6) Early Learning/Healthy Parenting Skills

Medical Home/Availability of Primary Providers

- New opportunities for increased health care coverage and access due to ACA- will hopefully significantly address existing disparities
- About 2 in 3 adult residents has had a routine medical check up in the past year
- Preventive screening (age 50+): 3 in 4 women have had breast cancer screening in past 2 years; 3 in 4 adults have had colorectal cancer screening as recommended
- Primary care shortage areas: Neah Bay & Forks and for low income/homeless: Port Angeles & Sequim-Elwha

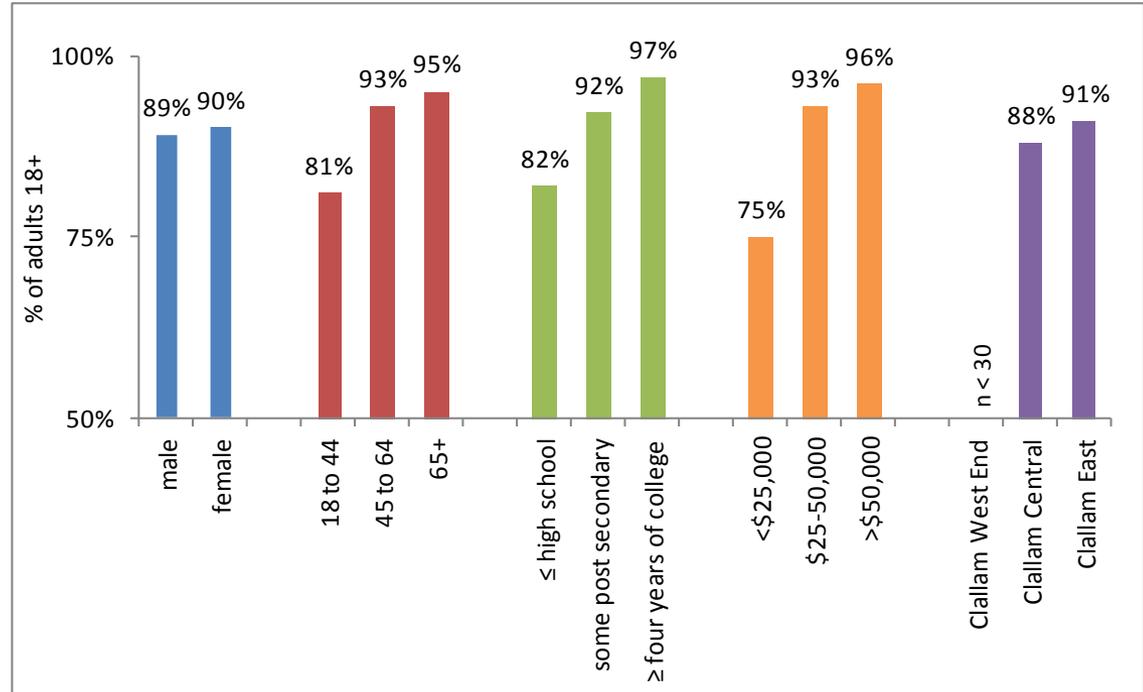
Medical Home/Availability of Primary Providers

- Daily patient loads and ER visits increased at both Forks Community Hospital and OMC from 2006 to 2011
- Inpatient stays paid by Medicaid: Forks 36%, OMC 19%
- Inpatient stays paid by Medicare: Forks 39%, OMC 62%
- Bad debt increased at both Forks and OMC from 2006 to 2011, and charity care increased 81% at OMC from 2006 to 2011

Mental Health/Early Identification, Access to Outpatient Services, Crisis Intervention

- Adults not reporting mental distress (*no days or less than 14 days of poor mental health in past month*): 89%

- Disparities in Not experiencing mental distress:



Mental Health/Early Identification, Access to Outpatient Services, Crisis Intervention

- Youth experiencing depression* in past year: 8th grade 28%, 10th grade 32%
- Youth seriously considered suicide in past year: 8th grade 17%, 10th grade 15%
- Suicide death rate higher in Clallam than WA State- 51 suicide deaths during 2008-10

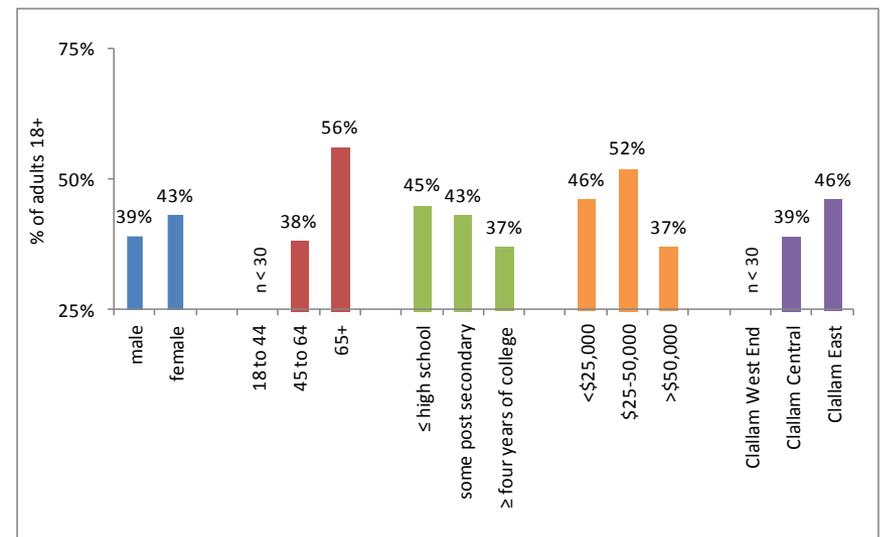
Suicide Death Rate by Sub Group: 2006-10

Gender	Age		
Male	26.7	1 to 14	n < 5
Female	4.7	15 to 24	17.9
		25 to 44	25.5
		45 to 64	26.1
		65+	41.9

*youth report feeling so sad or hopeless for 2 or more weeks in a row they stopped doing their usual activities at least once during the past year

Chronic Disease Prevention/Management

- Risk conditions:
 - Almost 2 in 3 adults is overweight or obese (1 in 4 is obese)
 - Almost 1 in 6 low-income preschool children is obese
 - 4 in 10 adults has ever been told they have high cholesterol
 - More than 1 in 3 adults has ever been told they have high blood pressure;
disparities in prevalence



Chronic Disease Prevention/Management

- Risk conditions:
 - Tobacco use: 1 in 5 adults smoke
 - Biggest disparities by income (more than 1 in 3 for income less than \$25,000) and education (1 in 4 for less than high school education)
 - Smoking during pregnancy is as high as the adult rate; disparities by age, income and education

Chronic Disease Prevention/Management

- Chronic disease prevalence:
 - 1 in 10 adults has ever been told they have diabetes
 - 1 in 10 adults has ever been told they have any cardiovascular disease
- Diabetes-related death rate has statistically increased
- Prevalence of or deaths from any major types of cancer have not increased (lung, colorectal, breast, cervical/uterine)
- Major cardiovascular disease and cancer are leading causes of death

Substance Abuse

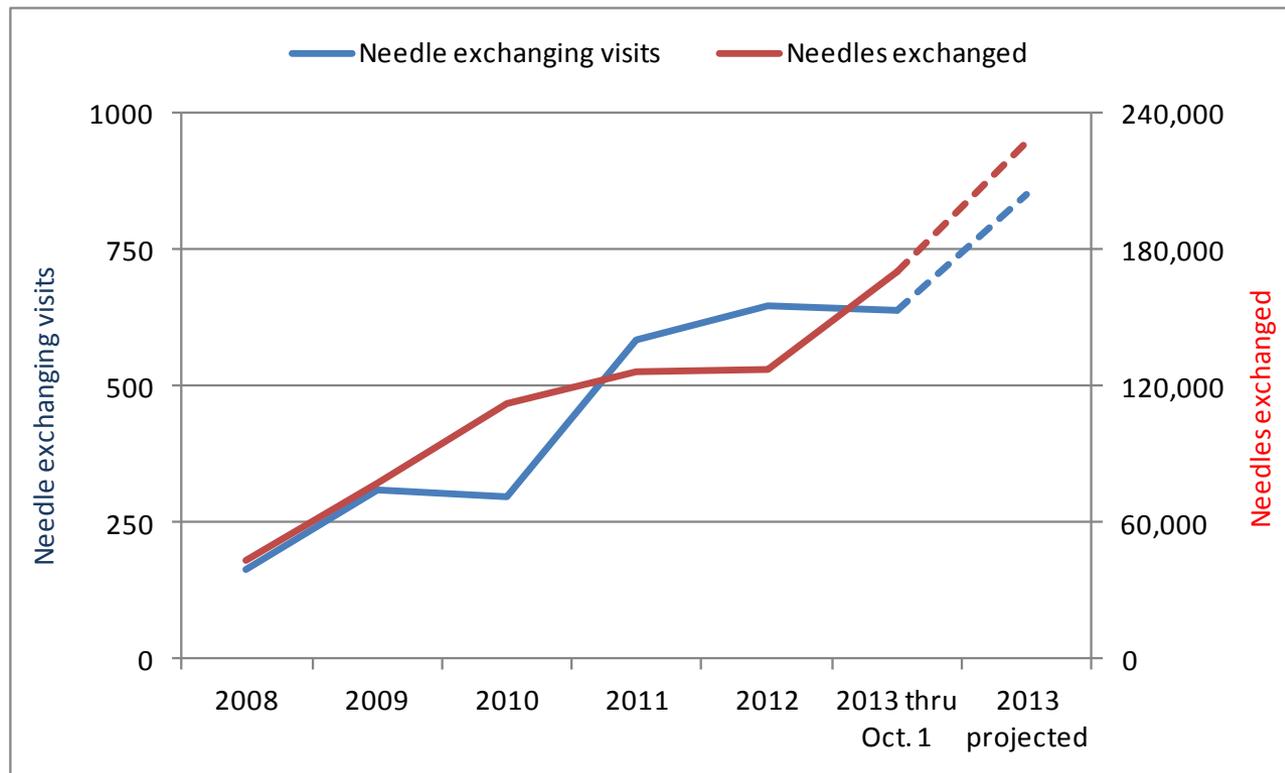
- Tobacco- covered under chronic disease
- Alcohol:
 - Adult recent binge drinking statistically the same as WA State
 - Adult Medicaid-reimbursed alcohol treatment rate has statistically increased and is higher than WA State
 - In Port Angeles 1 in 5 8th graders and almost 1 in 3 10th graders drank in the past month
 - Youth Medicaid-reimbursed alcohol treatment rate is higher than WA State
- Adult and youth Medicaid-reimbursed meth treatment rates are higher than WA State

Substance Abuse

- The drug and opiate-related hospitalization rates have statistically increased; the opiate hospitalization rate is higher than WA State
- During 2008-11, 17% of all drug-related hospitalizations involved an opioid
- The drug and opiate-related death rates are higher than WA State
- During 2008-11, 66% of all drug-associated deaths involved an opioid
- The majority of opiate-related hospitalizations (80%) and deaths (66%) are “accidental”

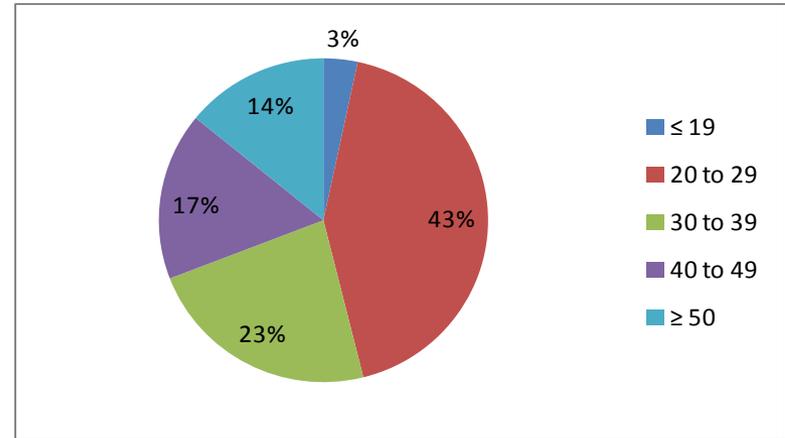
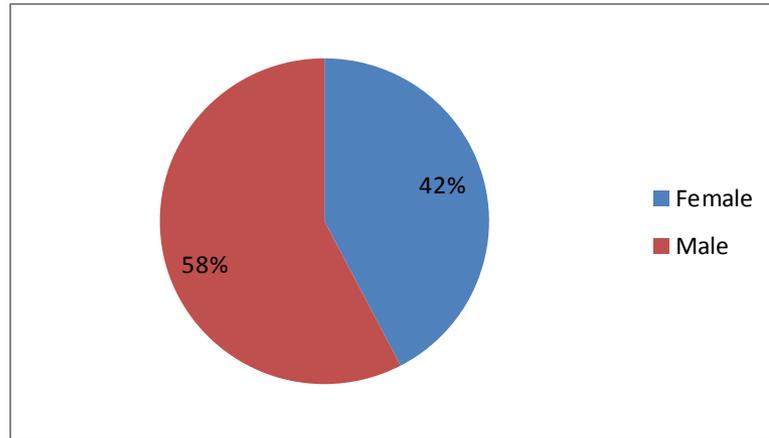
Substance Abuse

- From 2008 to Oct.1 2013: 284% increase in needle exchange visits and 290% increase in needles exchanged

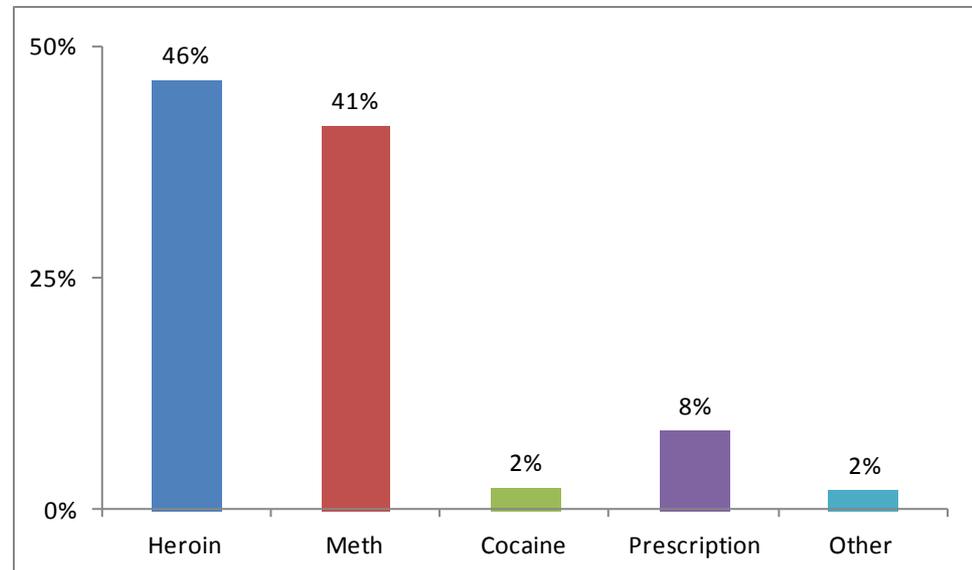


Substance Abuse

•Syringe exchange client demographics:

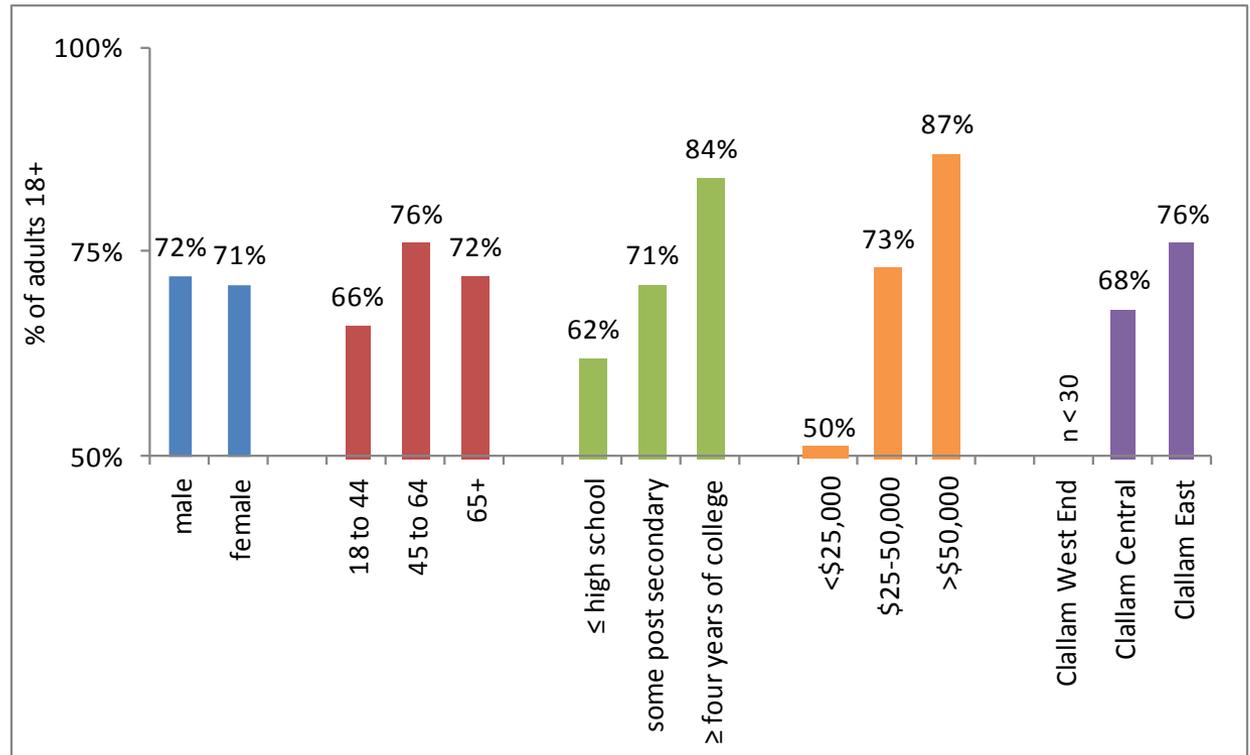


Heroin is the most common reported drug of choice, followed by meth



Oral Health and Dental Access

- Just fewer than 3 in 4 adults report having a dental visit within the past year (slightly higher for 8th and 10th grade students)
- Disparities in dental care:



Oral Health and Dental Access

- More than 1 in 2 3rd graders has had a dental sealant
- Dental care shortage areas: West Side Olympic Peninsula and for low income: Port Angeles & Sequim
- Of all ages eligible for Medicaid dental services, only 31% received services during 2009-12 (an estimated 1,228 eligible persons in 2012)
- During Aug. 2011 to June 2012, 372 patients received dental services from Volunteers in Medicine of the Olympics

Early Learning/Healthy Parenting Skills

- About 1 in 2 mothers giving birth have more than a high school education, statistically lower than WA State
- More than 4 in 10 mothers is unmarried at birth, the rate has statistically increased and is higher than WA State
- Almost 1 in 5 mothers smokes during pregnancy, statistically higher than WA State; women who are younger, less educated and low income smoke more
- 1 in 20 births is low birth weight, and the rate has statistically increased

Early Learning/Healthy Parenting Skills

- Clallam County adults reporting 3 or more adverse childhood experiences (ACEs): 27%
- 1 in 3 entering kindergartners don't demonstrate the expected math standard, more than 1 in 5 the expected language standard*
- In 4th grade, 6 in 10 students failed one or more content areas of the WASL
- The 2011-12 graduation rate** was 44% and the drop out rate was 54%