Jefferson County Community Health Priorities Data

January 8, 2015

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Kitsap Public Health District
# Jefferson County 2014 Data Review

<table>
<thead>
<tr>
<th>Month</th>
<th>Topics</th>
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<tbody>
<tr>
<td>February</td>
<td>Demographics, Socioeconomics, Community Safety</td>
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<tr>
<td>March</td>
<td>Health Care Access, Quality of Life, Pregnancy/Births</td>
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<tr>
<td>April</td>
<td>Behaviors, Hospitalizations, Deaths</td>
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<tr>
<td>May</td>
<td>Data Summary and Prioritization Process</td>
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<tr>
<td>June</td>
<td>Finalize Priorities</td>
</tr>
<tr>
<td>October</td>
<td>Draft Priority Fact Sheets</td>
</tr>
</tbody>
</table>
Jefferson County Priorities

May 18, 2014: TOP ISSUE SELECTION BY VOTING

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>ISSUE</th>
<th>VOTES</th>
<th>CROSS-WALK TO FINAL GOAL #</th>
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<tbody>
<tr>
<td>Morbidity</td>
<td>Mental health inadequacy for both adult and youth</td>
<td>10</td>
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<tr>
<td></td>
<td>Chronic Disease</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Preventable Behaviors</td>
<td>Immunization Rates</td>
<td>7</td>
<td>4</td>
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<tr>
<td>Healthy Eating / Active Living Behavior</td>
<td>Exercise</td>
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<td>2</td>
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<tr>
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<td>Healthy foods available</td>
<td>4</td>
<td>2</td>
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<tr>
<td>Clinical Care</td>
<td>Dental Care</td>
<td>4</td>
<td>3</td>
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<tr>
<td></td>
<td>Prenatal Care</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Substance Abuse Care</td>
<td>Drug, alcohol, tobacco abuse</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Substance abuse care</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Education and Employment</td>
<td>Poor academic performance</td>
<td>4</td>
<td>root cause</td>
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<tr>
<td>Who &amp; Where</td>
<td>Needs of older population / fall prevention</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Social Outcomes</td>
<td>A.C.E</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Bullying / adolescence</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Income Poverty Housing</td>
<td>Economic Disparity</td>
<td>2</td>
<td>root cause</td>
</tr>
<tr>
<td></td>
<td>Lack of affordable housing</td>
<td>0</td>
<td>root cause</td>
</tr>
<tr>
<td></td>
<td>children living in poverty</td>
<td>0</td>
<td>root cause</td>
</tr>
<tr>
<td></td>
<td>% of Medicaid births</td>
<td>0</td>
<td>root cause</td>
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<tr>
<td>Mortality</td>
<td>(no subjects listed)</td>
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June 13, 2014: FINAL PRIORITIES

1. Access to Mental Health and Substance Abuse Care
2. Nutrition, Exercise and Chronic Disease Prevention
3. Access to Care
4. Immunizations

Underlying these top issues are the ongoing root causes that impact health. Root causes are education, economic and housing and must be addressed by the community as a whole.
Population and Socioeconomics
Population by Age

Source: WA State Office of Financial Management
Population by Age & Gender

*1980 Jefferson County*
Population= 15,965
Median Age= 35.0

*1990 Jefferson County*
Population= 20,406
Median Age= 41.0

*2000 Jefferson County*
Population= 26,299
Median Age= 47.1

*2010 Jefferson County*
Population= 29,872
Median Age= 53.8

Source: WA State Office of Financial Management
3rd Grade MSP Test Results:

High School Graduation Rate:

Source: WA State Office of the Superintendent of Public Instruction
Adult Educational Attainment
(age 25+)

Source: US Census, American Community Survey
Unemployment

% of labor force unemployed

Source: Bureau of Labor Statistics
Median Income

- Preliminary estimates are based on the payroll data compiled by the state Employment Security Department and the state personal income data published by BEA.

- Projection for the year 2013 is based on the Revenue Forecast Council's 2012 forecast of the state personal income.

Source: WA State Office of Financial Management
Extreme Poverty – At or Below 100% of the Federal Poverty Level

Source: US Census and American Community Survey, 2008-12

2014 Income Guidelines:
Family of 1: $11,670
Family of 2: $15,730
Family of 4: $23,850
Working Poor

Population Living below 200% of Poverty

2014 Income Guidelines:
- Family of 1: $23,340
- Family of 2: $31,460
- Family of 4: $47,000

Source: US Census, American Community Survey
Free and Reduced Lunch: Eligibility
185% of Federal Poverty Level

Source: WA State Office of the Superintendent of Public Instruction
Cost of Housing

Households Able To Afford Average Priced Home:

1st Qtr 2014
Median Resale Price: $229,400

Households Spend 35% or More of Monthly Income on Housing:

Owned Housing

Rented Housing

Source: US Census and American Community Survey
Access to Mental Health and Substance Abuse Care
Psychiatrist Shortage Area

- County has federal designation as a psychiatrist shortage area – low ratio of psychiatrists per population

- With this designation, Jefferson County is eligible for specific Federal and State programs to increase health care access

Adult Poor Mental Health

Adults reporting 14 or more poor mental health days in the past 30 days

Has a doctor, nurse or other health professional EVER told you that you have a depressive disorder, including depression, major depression, dysthymia, or minor depression?

<table>
<thead>
<tr>
<th></th>
<th>2011-12</th>
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</thead>
<tbody>
<tr>
<td>Jefferson County</td>
<td>20%</td>
</tr>
<tr>
<td>Washington State</td>
<td>21%</td>
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</tbody>
</table>

Source: Behavioral Risk Factor Surveillance System
Youth Poor Mental Health

YOUTH REPORT FEELING SO SAD OR HOPELESS FOR 2 WEEKS IN A ROW THEY STOPPED USUAL ACTIVITIES

Source: Healthy Youth Survey

YOUTH REPORT SERIOUSLY CONSIDERING ATTEMPTING SUICIDE IN THE PAST YEAR

Source: Healthy Youth Survey
Youth Binge Drinking

12th GRADERS BINGE DRINKING IN PAST 2 WEEKS
Source: Healthy Youth Survey

Jefferson County
Washington State


45% 22%
## Alcohol and Drug Related Deaths

### % of all deaths

<table>
<thead>
<tr>
<th></th>
<th>Jefferson County</th>
<th>Washington State</th>
<th>WA rate statistically increasing since 1998-00</th>
</tr>
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<tbody>
<tr>
<td>1998-00</td>
<td>57</td>
<td>829</td>
<td>6.9</td>
</tr>
<tr>
<td>2001-03</td>
<td>76</td>
<td>846</td>
<td>9.0</td>
</tr>
<tr>
<td>2004-06</td>
<td>116</td>
<td>889</td>
<td>13.0</td>
</tr>
<tr>
<td>2007-09</td>
<td>135</td>
<td>966</td>
<td>14.0</td>
</tr>
<tr>
<td>2010-11*</td>
<td>87</td>
<td>683</td>
<td>12.7</td>
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</tbody>
</table>

*Only 2 years of data available.

Source: Risk and Protection Profile for Substance Abuse Prevention in Washington State
Syringe Exchange

The decrease in 2009 and 2010 is likely explained by a drop in secondary exchange. The numbers of new, returning and secondary exchangers were highest ever in 2013.

Source: Jefferson County Public Health
Smoking During Pregnancy

9 in 10 women smoking during pregnancy are low-income
Youth Cigarette and Marijuana Use

Past 30 day cigarette use:

Past 30 day marijuana use:

Source: Healthy Youth Survey
Nutrition, Exercise and Chronic Disease Prevention
Nutrition

• Meet recommendation of at least 5 servings of fruits and vegetables per day:
  – 29% of adults
  – 1 in 3 youth

• 150,000 meals served at Chimacum and Port Townsend Schools

Sources: BRFSS & HYS
Food Insecurity

• An estimated 4,400 (15%) Jefferson County residents experience food insecurity each year – these residents do not have enough or nutritionally adequate foods

Source: Food Lifeline
Physical Activity

• 83% of adults report any physical activity in the past month; only 70% of adults with high school education or less

• Half of youth report at least 60 minutes of physical activity daily

• About 80% of youth report no daily physical activity class at school

Sources: BRFSS and HYS
Healthy Weight

**ADULTS AT A HEALTHY WEIGHT (BODY MASS INDEX 18.5-24.9)**

![Graph showing the percentage of adults at a healthy weight in Jefferson County and Washington State over the years 2003-2011-12.](image)

**YOUTH AT A HEALTHY WEIGHT (BMI PERCENTILE FOR AGE AND GENDER)**

![Graphs showing the percentage of youth at a healthy weight in Jefferson County and Washington State by grade level and year.](image)

Sources: BRFSS & HYS
Chronic Disease Burden

TOP CAUSES OF DEATH:

1. Cancers
2. Heart Diseases
3. Cerebrovascular Diseases
4. Chronic Lower Respiratory Diseases

Note: Deaths from accidental falls are increasing

Source: Death Certificate Database
Access to Care
Primary Care & Dental Shortage Area

• County has areas with federal designation as primary care provider and/or dental provider shortage – low ratio of providers per population

• With this designation, Jefferson County is eligible for specific Federal and State programs to increase health care access.

Adult Medical Care Access

DO NOT GET NEEDED CARE BECAUSE OF COST:
- 14% of all adults
- 30% of low-income adults

ADEQUATELY INSURED:
- 78% of all adults
- 53% of low-income adults

PAST YEAR ROUTINE MEDICAL CHECK-UP:
- 58% of all adults
- 43% of adults with high school education or less
Dental Care Access

- 53% of adults report having dental insurance
- 62% of adults report a dental cleaning in past year

Source: BRFSS

[Graph showing the percentage of adults reporting dental cleaning in the past year from 2001 to 2010 for Jefferson County and Washington State. The graph indicates that Jefferson County had 68% and 62% in 2001 and 2010, respectively, while Washington State had lower percentages throughout the years.]
Prenatal Care Access

• 60% of low-income pregnant women start prenatal care in the 1st trimester
Preventive Medical Care by Age

JEFFERSON COUNTY ADULT AGE 65+ PREVENTIVE CARE
Source: BRFSS

- 77% past year dental check-up
- 95% regular healthcare provider
- 76% past year medical check-up
- 59% past year flu shot
- 72% ever had pneumonia shot

JEFFERSON COUNTY ADULT AGE 18-64 PREVENTIVE CARE
Source: BRFSS

- 63% past year dental check-up
- 73% regular healthcare provider
- 51% past year medical check-up
- 32% past year flu shot
Immunizations
Kindergarten Immunization Status

JEFFERSON COUNTY RANK OF 39 WA COUNTIES:

- Complete: 30th
- Incomplete (Conditional & Non-compliant): 24th
- Exempt: 38th

Source: WA DOH Immunization Program/CHILD Profile School and Childcare Assessment Database
Immunization Rates by Vaccine

KINDERGARTEN IMMUNIZATION RATES BY VACCINE, 2012-13  Source: WA State Dept. of Health

SIXTH GRADE IMMUNIZATION RATES BY VACCINE, 2012-13  Source: WA State Dept. of Health

Source: WA DOH Immunization Program/CHILD Profile School and Childcare Assessment Database
Adults With Past Year Flu Shot

30% among adults with lower incomes

Source: BRFSS