

The Health of Jefferson County: 2010-11 Updates

Jefferson County Public Health

Part I: Demographics

Part II: Mental Health, Alcohol and Drug Use

Part III: Health Care Access

Part IV: Births, Quality of Life, Deaths

HIGHLIGHTS SUMMARY Presented April 28, 2011 to Data Steering Committee

HIGHLIGHTS SUMMARY Presented June 16, 2011 to Jefferson County Board of Health

The Health of Jefferson County 2010-11 Highlight sheets summarize information presented in four Data Steering Committee meetings from June 2010 to March 2011. **The Highlight sheets are designed as a first glance and broad overview of the health of Jefferson County. Please use the data workbooks and presentations available online at www.jeffersoncountypublichealth.org for detailed and additional information and analysis.**

The data used in this process were the most currently available at the time of preparation, updates will be done when possible.

Guide to using the Highlights sheets:

There are four 2 to 3 page sheets to cover each of the four updates.

The format is consistent for Parts I - IV of the 2010-11 Updates. For each topic (row) two points in time are presented "THEN" and "NOW" and the percentage change between the two is described by a word "up/same/down" or "better/same/worse" and the percentage value. The percentage change is "now" minus "then" divided by "then" multiplied by 100. *Depending on the indicator, positive change can be good or bad; negative change can also be good or bad.* "THEN" is either the earliest time period available or the best historical data for comparison; "NOW" is the most recently available data at the time of calculation. The notes column can include the Washington State rate and/or details about the Jefferson rate. Below the values for "THEN" and "NOW" the data year is presented. The data source is noted in an endnote in the last column.

POPULATION	THEN	CHANGE	NOW	NOTES	SOURCE
Total population	25953 2000	up 15%	29872 2010		1

Note: Change over time presented in the Highlights may differ from that reported in the detailed data for Parts I - IV of the 2010-11 Updates. The calculation methods differ - highlights use percentage change between 2 points in time; detailed data use statistical trend over time.

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part I: Demographics

POPULATION

The 2010 Jefferson County population is nearly 30,000. Population growth has slowed to about 1% per year and results from people moving into the County. Since 2000, population growth is highest among adults age 50+; the number of children under 18 has decreased. Median age is 50, up from 39 in 1980. Since 2000, Non-White, Non-Hispanic and Hispanic population has increased, especially among school-aged children and persons with disabilities have increased slightly.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Total population	25953 2000	up 15%	29872 2010	New 2010 Census population	1
Population growth	2.7% 1990-99	down -56%	1.2% 2000-09		2
Estimated in-migration (new residents not births-deaths)	197 2000	up 75%	345 2009		2,3
Children under age 18	5159 2000	down -3%	4994 2010	increase among age 0-4	2
Adults age 18-34	3456 2000	up 6%	3652 2010		2
Adults age 35-64	12203 2000	up 17%	14269 2010	decrease among age 35-49	2
Older Adults age 65+	5481 2000	up 16%	6384 2010		2
Median Age	35.0 1980	up 43%	50.2 2009	WA 2009: 36.9; up 5 years from 1980	2
White, Non-Hispanic	91.5% 2000	down -2%	89.7% 2010 est	WA down: 79% to 75%	2
Non-White, Non-Hispanic and Hispanic	8.5% 2000	up 22%	10.4% 2010 est	WA up: 21% to 25%	2
Public school students White, Non-Hispanic	90.1% 2000	down -17%	74.4% 2010 est	WA down: 74% to 64%	4
Public school students Non-White, Non-Hispanic, and Hispanic	9.9% 2000	up 59%	15.7% 2010 est	WA up: 26% to 36%	4
Age 16+ with a disability	21% 2000	up 5%	22% 2005-07	WA down: 21% to 18%	1,5
Age 16-64 with a disability	16% 2000	up 13%	18% 2005-07	WA down: 17% to 14%	1,5

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part I: Demographics

EDUCATION

Since 2000, Jefferson County adults have higher levels of education. Since 2002-03, graduation rates are improved in Chimacum and Port Townsend, worse in Quilcene. The County drop out rate is worse compared to 2000-01. Public school enrollment has decreased more than 1,000 students since 1999-00.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Adults 25+ high school or less education	36% 2000	down -3%	35% 2006-08	WA down: 38% to 36%	1,5
Adults 25+ some post high school education	36% 2000	down -8%	33% 2006-08	WA unchanged: 34%	1,5
Adults 25+ bachelor's degree	18% 2000	same 0%	18% 2006-08	WA up: 18% to 20%	1,5
Adults 25+ graduate or professional degree	9% 2000	up 56%	14% 2006-08	WA unchanged: 11%	1,5
High School ontime graduation rate (in 4 years)	71% 2002-03	better 13%	80% 2008-09	WA better: 66% to 74%	4
Port Townsend ontime grad rate	79% 2002-03	same 0%	79% 2008-09	female rate better than male	4
Chimacum ontime grad rate	60% 2002-03	better 38%	83% 2008-09	female rate better than male	4
Quilcene ontime grad rate	96% 2002-03	worse -18%	79% 2008-09	female rate better than male	4
Drop out rate	2% 2000-01	worse 50%	3% 2008-09	WA better: 6% to 5% Chimacum (2%); PT/Quilcene (4%)	4
Public school enrollment	3785 1999-00	down -25%	2846 2009-10		4
Private school enrollment	62 1999-00	up 35%	84 2009-10		4

EMPLOYMENT

The annual unemployment rate was nearly 10% in 2010, up dramatically compared to 2000. In March 2011, the rate as 11.1%.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Unemployment rate - annual	5.4% 2000	worse 80%	9.7% 2010	WA worse: 5% to 9.6% Mar-2011: Jeff 11.1%; WA 9.7%	6

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part I: Demographics

INCOME/POVERTY

Per capita income is up over time and of the highest in Washington State. If all Jefferson County resident personal income were divided equally among county residents, annual income for each resident would be about \$43,000. However, half of all households have a combined total annual income below \$48,000 and average earnings per job are less than \$30,000 per year. Jefferson rates of poverty are up and higher than Washington for most age groups. Nearly 1 in 2 Jefferson public school students has free or reduced meals; 2 in 3 Jefferson babies is born to a mother living in poverty.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Per Capita Income (not adjusted for inflation)	\$28,731 2000	up 50%	\$43,105 2008	Jefferson third highest of WA counties	7
Median household income	\$39,129 2000	up 22%	\$47,660 2009	WA up: \$48,499 to \$52,413	2
Average earnings per job (adjusted to 2005 dollars)	\$29,749 1969	down -8%	\$27,492 2008	WA average earnings up 45%	8
Population living below 100% federal poverty level (FPL)	11% 2000	up 16%	12% 2009	family of 4 \$22,050; single \$10,830 WA up: 9.6% to 11.3%	9
Children in families in poverty	17% 1999	down -6%	16% 2006-08		
Adults age 18-64 in poverty	11% 1999	up 36%	15% 2006-08	Jefferson rates statistically higher than WA for age groups: 12-17; 18-24; 25-34; 45-54; 55-64; 75+	1,5
Adults age 65+ in poverty	6% 1999	up 50%	9% 2006-08		
Female single parent households in poverty	37% 1999	up 5%	39% 2006-08	WA up: 31% to 34%	1,5
Population living below 185% poverty	26% 1999	up 22%	32% 2006-08	family of 4 \$40,793 WA up: 24% to 25%	1,5
Public school students with free or reduced meals (185% FPL eligibility)	33% 2000	up 42%	47% 2009	WA up: 31% to 42%	4
Pt Townsend students with free or reduced meals	36% 2000	up 28%	46% 2009	primary 58%; elem 42%; mid/high 43%	4
Chimacum students with free or reduced meals	26% 2000	up 77%	46% 2009	elem 59%; middle 48%; high 36%	4
Quilcene students with free or reduced meals	40% 2000	up 20%	48% 2009		4
Medicaid-paid births (185% FPL eligibility)	65% 2000	up 2%	66% 2009	WA up: 43% to 49%	10

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part I: Demographics

HOUSEHOLD COMPOSITION & MARITAL STATUS

Over half of Jefferson County households are married couples; since 2000, single parent households are down slightly. Adults never married have increased since 2000. Four in 10 babies are born to unmarried mothers, up since the early 1990's.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Married couple household, no children	38% 2000	down -3%	37% 2006-08	WA unchanged: 28%	1,5
Married couple household, with children	16% 2000	up 6%	17% 2006-08	WA down: 24% to 21%	1,5
Single parent household	8% 2000	down -25%	6% 2006-08	WA unchanged: 9%	1,5
More than 1 person, non-family household	6% 2000	up 17%	7% 2006-08	WA down: 8% to 7%	1,5
Same-sex partner household	0.23% 2000	up 96%	0.45% 2006-08	WA up slightly: 0.3% to 0.31%	1,5
Adults married	61% 2000	down -3%	59% 2006-08	WA down: 57% to 53%	1,5
Adult never married	16% 2000	up 31%	21% 2006-08	WA up: 26% to 29%	1,5
Divorce rate per 1,000 adults	6.1 2000	down -30%	4.3 2008	WA down: 6.0 to 4.9	11
Births to unmarried women	34% 1991-93	up 21%	41% 2006-08	WA up: 26% to 33%	3

HOUSING

The median price for a Jefferson County house was \$281,000 in early 2010, up 60% over prices in 2000. Only 1 in 4 Jefferson households is able to purchase an average priced Jefferson home, fewer than in 2000. More than 1 in 4 Jefferson households spend more than 35% of monthly income on owned housing costs; nearly 1 in 2 on rented housing - both percentages up since 1999. The number of persons receiving Basic Food support from the government who report being homeless is up 206% compared to 2005.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Median house prices (sales of existing homes)	\$176,400 2000	up 59%	\$281,000 2010 Qtr2	WA up: \$176,900 to \$246,800	12
Households able to purchase an average priced home	36% 2000	down -31%	25% 2006-08	WA down: 46% to 37%	1,5
Households spending at least 35% of income on owned housing	19% 1999	up 42%	27% 2006-08	WA up: 18% to 25%	1,5
Households spending at least 35% of income on rented housing	37% 1999	up 30%	48% 2006-08	WA up: 33% to 38%	1,5
Number of DSHS Basic Food clients reporting being homeless	98 2005	up 206%	300 2010	PIT Homeless Count 2010: 179	13,14

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part II: Mental Health and Alcohol and Drug Use

MENTAL HEALTH

Average days adults self-reported poor mental health unchanged since 2001 however, adults reporting mental distress (14+ poor mental health days) increased. Over 2 in 3 youth visits to the School Based Health Clinics in Jefferson County were related to mental health. Youth self-reporting poor mental health up slightly since 2002, nearly 1 in 5 8th graders reported seriously considering suicide in the past year. Suicide-related hospitalizations down slightly while suicide death rate is up slightly.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Adults reporting poor mental health days in past month	35% 2001	down -6%	33% 2007-09	WA down: 40% to 36% higher: females, younger & less educated	15
Average number poor mental health days in past month	2.9 2001	same 0%	2.9 2007-09	WA same: 3.3 higher: female, younger, less edu, binge	15
Adults reporting 14+ past month poor mental health days	8% 2001	up 25%	10% 2007-09	WA up: 9% to 10% higher: females, younger & less educated	15
SBHC visits related to psych/mental health/emotional SBHC= School Based Health Clinic at Pt Townsend and Chimacum High Schools			68% 2009-10	relationships, family, school performance, depression	16
Youth report sad/hopeless everyday for at least 2 weeks 8th graders	30% 2002	up 3%	31% 2010	WA down: 27% to 25% higher: female, use/binge alc, marijuana	17
Youth report seriously considering suicide in past year 8th graders	17% 2002	up 12%	19% 2010	WA down: 15% to 14% higher: females	17
Suicide-related hospitalizations (age-adjusted rate per 100,000)	78.6 2000-02	down -35%	50.7 2006-08	WA up: 50.0 to 54.8 higher: females, adults age 18+	3
Suicide death rate (age-adjusted rate per 100,000)	11.2 2000-02	up 19%	13.3 2006-08	WA same: 12.5 to 12.7 higher: males, adults age 50+	3
Adverse Childhood Experiences Index - average #			1.8 2009	WA: 1.7; JCPH clients: 3	15

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part II: Mental Health and Alcohol and Drug Use

ALCOHOL USE

Adults having at least one alcoholic drink in the past month unchanged since 2001 however, adults reporting binge drinking (5+ drinks on an occasion) up slightly. Youth self-reported alcohol use is down. Alcohol-related hospitalizations and deaths are up. Alcohol treatment admissions are down. Alcohol-related arrests are up for adults, down among youth.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Adults report having at least one drink in past 30 days	68% 2001	same 0%	68% 2007-09	WA down: 62% to 59% higher: males, younger, more educated	15
Adults report having 5 or more drinks on an occasion in past 30 days (binge drinking)	12% 2001	up 17%	14% 2007-09	WA unchanged: 15% higher: males, younger	15
Youth report ever having more than a sip or alcohol 8th graders	59% 2002	down -27%	43% 2008	WA down: 44% to 39%	17
Youth report drinking alcohol in past 30 days 8th graders	28% 2002	down -29%	20% 2008	WA down: 18% to 16%	17
Youth binge drinking (5+ drinks in a row in past 2 weeks) 8th graders	17% 2002	down -24%	13% 2008	WA down: 10% to 9% higher among 8th females; 12th males	17
Youth drunk/high at school in past 12 months 8th graders	12% 2002	down -17%	10% 2008	WA unchanged: 8% higher among 8th/12th males; 10th females	17
Alcohol-related hospitalization rate (age adjusted per 100,000)	164.2 1992-94	up 11%	181.8 2007-09	WA up: 127.9 to 173.9 av 41/year; higher among males, age 65+	3
Adult alcohol arrests (rate per 1,000)	6.9 1994-96	up 52%	10.5 2006-08	WA down: 12.0 to 10.3 average 53/year	11
Adult state funded alcohol treatment admissions (per 1,000)	5.5 1997-99	down -36%	3.5 2004-06	WA down: 3.8 to 3.6 average 81/year	18
Youth age 10-14 alcohol or drug arrests (rate per 1,000)	14.7 1994-96	down -66%	5.0 2006-08	WA down: 3.4 to 2.6 average 8/year	11
Youth state funded alcohol treatment admissions (per 1,000)	31.0 1994-96	down -45%	17.2 2006-08	WA down: 7.8 to 7.3 average 45/year	18
Alcohol-related death rate (age adjusted per 100,000)	3.7 1990-94	up 295%	14.6 2005-09	WA up: 8.8 to 10.3 average 6/year; higher males; age 65+	3
Alcohol-related traffic fatalities of all traffic fatalities	55% 1994-96	down -39%	33% 2006-08	WA down: 48% to 41%	11

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part II: Mental Health and Alcohol and Drug Use

DRUG USE

Adult drug law violations are up substantially while youth violations are down slightly. Three in 10 Jefferson County jail inmates reported past month meth use; 1 in 14 8th graders reported ever using meth, unchanged since 2004. Eighth grade youth reporting using pain killers and marijuana are down. Adult treatment admissions are up. Drug-related hospitalizations and deaths are up dramatically.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Adult drug law violations (rate per 1,000)	2.2 1994-96	up 159%	5.7 2006-08	WA up: 4.9 to 5.9	11
Youth (age 10-17) drug law violations (rate per 1,000)	7.1 1994-96	down -7%	6.6 2006-08	WA up slightly: 4.4 to 4.5	11
Jefferson Co. Jail inmates report meth use in past 30 days	27% 2009	up 15%	31% Jan-June 2010	inmates completing nurse assessment	19
Adult state funded meth treatment admissions (per 1,000)	1.3 1997-99	up 138%	3.1 2006-08	WA up: 0.8 to 2.0 average 73/year	18
Youth report ever using meth 8th graders	7% 2004	same 0%	7% 2008	WA down 4% to 3%	17
Youth state funded meth treatment admissions (per 1,000)	1.4 2000-02	up 36%	1.9 2006-08	WA up: 0.8 to 1.0 average 5/year	18
Youth report using a pain killer to get high in past 30 days 8th graders	6.0% 2006	down -33%	4.0% 2010	WA unchanged: 4%	17
Youth report ever smoking marijuana 8th graders	26% 2000	down -38%	16% 2010	WA down: 16% to 12% higher among males	17
Youth report smoking marijuana in past 30 days 8th graders	16% 2000	down -31%	11% 2010	WA down: 10% to 8% higher among males	17
Youth state funded marijuana treatment admissions (rate per 1,000)	11.1 1997-99	down -3%	10.8 2004-06	WA unchanged: 5.6 average 10/year	18
Adult state funded marijuana treatment admissions (rate per 1,000)	1.2 1997-99	up 17%	1.4 2004-06	WA up: 0.7 to 1.1 average 32/year	18
Adult state funded cocaine treatment admissions (rate per 1,000)	0.23 2000-02	up 87%	0.43 2004-06	WA up: 7.7 to 8.9 average 10/year	18
Adult state funded heroin treatment admissions (rate per 1,000)	0.13 2000-02	up 108%	0.27 2004-06	WA down: 7.2 to 6.8 average 6/year	18
Number of syringes exchanged at JCPH	506 2000	up 2675%	14044 2009	peak year 2007: 24,585 syringes	20
Drug related hospitalization rate (age adjusted per 100,000)	112.1 1992-94	up 30%	146.1 2007-09	WA up: 99.1 to 171.7 av 43/year; higher: females, age 65+	3
Drug related death rate (age adjusted per 100,000)	8.8 2000-04	up 142%	21.3 2005-09	WA up: 10.8 to 14.3 av 6/year; higher: males, age 35-64	3

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part III: Health Care Access

HEALTH CARE COVERAGE

Adults with health insurance or adequately insured down since 2001. Over a quarter of Jefferson residents use DSHS services; 2 in 3 Jefferson births are covered by Medicaid. Fewer than half of Jefferson adults have dental insurance compared to more than two-thirds in Washington State. Jefferson Health Care has one of the highest rates of charity care in the entire State.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Adults (age 18-64) reporting having health insurance	90% 2001	down -10%	81% 2007-09	WA down: 90% to 83% higher: females, older & more educated	15
Adults adequately insured (not uninsured or unable to pay for needed care)	85% 2001	down -11%	76% 2007-09	WA down: 86% to 79% higher: females, older & more educated	15
Children age 0-17 with health insurance parent self-report, age adjusted rate			88% 2008-09	WA: 95%	15
DSHS service utilization	25% 2000-01	up 14%	28% 2006-07	WA up slightly: 32% to 33%	21
Medicaid paid births	65% 1999	up 2%	66% 2009	WA up: 42% to 49%	10
Basic Health subsidized coverage - # enrolled	727 Jul-07	down -24%	555 Jul-10	WA down: 15% to 14% higher: females	22
Adults reporting having dental insurance	53% 2001	down -11%	47% 2007-09	WA unchanged: 68% higher: males, age 35-64, more edu	15
Jefferson Health Care Charity Care % of adjusted revenue	6.2% 2005	up 61%	10.0% 2008	\$2.8 million in 2008; 5th highest of all WA hospitals; 1st highest of rural hospitals	3

HEALTH CARE ACCESS

Jefferson County has just under 2 physicians for every 1,000 residents, slightly below Washington State. Eight in 10 adults have a regular health care provider, slightly down since 2001. 15% of adults report being unable to get needed medical care due to cost, up since 2001. Just under 3 in 4 adults had a routine annual check-up; half of 8th graders report a routine annual check-up, down since 2002. In 2010, School Based Health Clinics in Chimacum, Port Townsend and Quilcene had on average 49, 33 and 31 medical visits per month and 31, 24, and 18 mental health visits per month respectively. About 7 in 10 adults and 8th graders report an annual dental check-up, down since 2001 and 2002 respectively. Pregnant women initiating prenatal care in the 1st trimester is down and dramatically up for initiating in the 3rd trimester or not at all.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Physician rate per 1,000 population	1.4 1996	up 21%	1.7 2008	WA up: 2.0 to 2.4	23
Adults report a regular health care provider	85% 2001	down -4%	82% 2007-09	WA down slightly: 79% to 78% higher: females, older, more education	15
Adults not getting needed medical care due to cost	9% 2001	up 67%	15% 2008	WA up: 8% to 13% higher: females, younger, less education	15
Adults report routine medical check-up in past year	74% 2002	down -1%	73% 2008	WA down: 68% to 61% higher: females, older, more education	15
Youth report past year medical visit (not for injury/illness) 8th graders	61% 2002	down -18%	50% 2008	WA unchanged: 60%	17
SBHC Chimacum - average medical visits per month SBHC= School Based Health Clinic	35 2009	up 40%	49 2010		16
SBHC Pt Townsend - av medical visits per month	31 2009	up 6%	33 2010		16

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part III: Health Care Access

SBHC Chimacum - av mental hlth visits per month	25 2009	up	24%	31 2010		24
SBHC Pt Townsend - av mental hlth visits per month	19 2009	up	26%	24 2010		24
SBHC Quilcene - av mental hlth visits per month	19 2009	down	-5%	18 2010		24
Adults report dental visit in past year	72% 2001	down	-3%	70% 2008	WA up slightly: 70% to 71% higher: males, age 35-64, more education	15
Adults report dental cleaning in past year	71% 2001	down	-7%	66% 2008	WA up: 68% to 70% higher: males, age 65+, more education	15
Youth report dental visit in past year 8th graders	77% 2002	down	-12%	68% 2008	WA up: 70% to 74% higher: younger, females	17
Pregnant women initiate prenatal care in 1st trimester	85% 1991-93	down	-12%	75% 2006-08	WA down: 80% to 77% higher: age 30-39; non-medicaid	3
Pregnant women initiate prenatal care in 3rd trimester or not at all	1% 1991-93	up	293%	6% 2006-08	WA up: 4% to 5.5% higher: age 20-29; medicaid	3

ROUTINE PREVENTIVE HEALTH CARE

Similar to Washington State, about 4 in 10 Jefferson adults get an annual flu shot and 7 in 10 adults age 65+ have ever had a pneumonia vaccine. Fewer than 6 in 10 children have complete immunizations when they start school compared to 9 in 10 in Washington; children exempted from immunizations has increased dramatically. More than 8 in 10 adult women had routine mammograms or Pap smear tests; about 8 in 10 adults had routine sigmoid/colonoscopy.

	THEN		% CHANGE	NOW	NOTES	SOURCE
Adults get annual flu shot	36% 2003-05	up	6%	38% 2007-09	WA up: 26% to 40% higher: female, older, more education	15
Adults age 65+ report ever getting pneumonia vaccine	75% 2003-05	down	-5%	71% 2007-09	WA up: 67% to 71% higher: female, older, some college	15
Children with complete immunizations at school entry	60% 1997-00	down	-3%	58% 2006-09	WA up: 81% to 90%	25
Children exempted for immunizations at school entry	9% 1997-00	up	79%	16% 2006-09	WA up: 3% to 4%	25
Women age 50+ had mammogram in past 2 years	73% 2004	up	15%	84% 2008	WA up: 78% to 83% higher: age 50-64, more edu, higher income	15
Women age 18+ had Pap smear test in past 3 years	78% 2004	up	3%	80% 2008	WA down: 84% to 81% higher: younger; JC less edu; WA more edu	15
Adults age 50+ had a sigmoid/colonoscopy in past 5 yrs	79% 2001	down	-1%	78% 2008	WA down: 78% to 66% higher: JC female, 65+ / WA male, age 50-64	15

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part IV. Births, Quality of Life, Deaths

BIRTHS

Jefferson pregnancy and abortion rates down among teens, women age 18-24 and age 35+. Birth rates are down in all parts of Jefferson County. Women smoking during pregnancy is going down but continues to be among the highest in the State. About 1 in 3 Jefferson women giving birth has at least 4 years of college. Pregnant women initiating prenatal care in the first trimester is down in all parts of Jefferson County and among Medicaid recipients.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Teen pregnancy rate (age 10-17) per 1,000	16.6 1992-94	down -69%	5.2 2007-09	WA down: 20.1 to 10.9 average 7 per year	3
Pregnancy rate (age 18-24) per 1,000	196.2 1992-94	down -33%	130.6 2007-09	WA down: 155.4 to 113.7 average 87 per year	3
Pregnancy rate (age 25-34) per 1,000	99.9 1992-94	up 21%	120.4 2007-09	WA up: 119.8 to 130.3 average 122 per year	3
Pregnancy rate (age 35+) per 1,000	19.3 1992-94	down -18%	15.8 2007-09	WA up: 20.0 to 23.8 average 47 per year	3
Abortion rate (age 10-17) per 1,000	4.7 1992-94	down -62%	1.8 2007-09	WA down: 8.9 to 4.7 average 2 per year	3
Abortion rate (age 18-24) per 1,000	49.2 1992-94	down -42%	28.5 2007-09	WA down: 51.1 to 32.6 average 19 per year	3
Abortion rate (age 25-34) per 1,000	18.6 1992-94	up 44%	26.7 2007-09	WA down: 23.8 to 20.3 av 27 per year 2007-9, 15 per year 2004-6	3
Abortion rate (age 35+) per 1,000	6.4 1992-94	down -33%	4.3 2007-09	WA down: 4.9 to 4.1 average 13 per year	3
South Jefferson birth rates (Brinnon/Quilcene) per 1,000	9.2 1992-94	down -36%	5.9 2007-09	average 18 per year	3
Port Townsend birth rates (98368) per 1,000	8.6 1992-94	down -19%	7.0 2007-09	average 101 per year	3
East Jefferson birth rates (Chimacum/Hadlock/Nordland/Ludlow) per 1,000	10.5 1992-94	down -31%	7.2 2007-09	average 72 per year	3
Jefferson resident births at Jefferson Health Care	54% 1992-94	down -7%	50% 2007-09	births with midwife at birthing center/home increasing	3
Smoking during pregnancy	26% 1992-94	down -14%	23% 2007-09	WA down: 18% to 10% higher: medicaid, younger	3
Pregnant women with 4+ years of college	26% 1992-94	up 31%	34% 2007-09	WA up: 29% to 38%	3
South Jefferson 1st trimester prenatal care Brinnon/Quilcene	83% 1992-94	down -28%	60% 2007-09		3
Port Townsend 1st trimester prenatal care 98368	88% 1992-94	down -14%	76% 2007-09		3
East Jefferson 1st trimester prenatal care Chimacum/Hadlock/Nordland/Ludlow	86% 1992-94	down -12%	75% 2007-09		3
Medicaid-paid births 1st trimester prenatal care	78% 1992-94	down -15%	66% 2007-09	Non-Medicaid up: 87% to 88%	10

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part IV. Births, Quality of Life, Deaths

QUALITY OF LIFE

In general, Jefferson adults are expected to enjoy 55 additional years of healthy life after age 20. Adults reporting having fair/poor general health is down slightly while adults reporting 3 or more days of health-related activity limitations was up dramatically. Hospitalizations for injury or accidents among children are down but up among adult females. CPS referrals are down but still above Washington rates. Adult and youth smoking rates are down but still above Washington rates. Eighth graders reporting using chewing tobacco up dramatically since 2002. Eighth graders reporting being bullied in the past month up while students reporting feeling safe at school is unchanged. The total crime rate for the County is down.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Years of healthy life expected at age 20	51 1996	up 8%	55 2008	WA unchanged: 51 Jefferson 3rd highest county in WA	26
Adults report general health fair/poor	16% 2001	down -25%	12% 2007-09	WA unchanged: 13%	15
Adults report 3+ days of health-related activity limits	15% 2001	up 107%	31% 2007-09	WA up: 24% to 29%	15
Child injury and accident related hospitalizations	7% 1998-00	down -14%	6% 2007-09	WA up: 3.7% to 4% average 18 per year	11
Child abuse and neglect accepted referrals rate per 100 children 0-17	5.2 2000-02	down -17%	4.3 2006-08	WA down: 3.9 to 3.3 average 217 per year	11
Adult female injury and accident hospitalizations	14% 1998-00	up 28%	18% 2006-08	WA up: 10.8% to 14.3%	11
Adult current smokers	21% 2001	down -10%	19% 2007-09	WA down: 23% to 15% higher: males, younger, less education	15
Adult smokers reporting a quit attempt in past year	72% 2001	down -22%	56% 2007-09	WA down: 64% to 56%	15
Youth report cigarette smoking in past 30 days 8th graders	13% 2002	down -38%	8% 2010	WA down: 7% to 6% 10th grade: down 22% to 14%	17
Youth report using chewing tobacco in past 30 days 8th graders	2% 2002	up 200%	6% 2010	WA unchanged: 3% 10th grade: up 4% to 5%	17
Youth report being bullied in past 30 days 8th graders	29% 2002	up 31%	38% 2010	WA unchanged: 30% 6th: 36 to 32%; 10th 26% to 22%	17
Youth report feeling safe at school 8th graders	84% 2002	same 0%	84% 2010	WA up: 80% to 83% 6th: 86% to 87%; 10th: 77% to 87%	17
Total Crime index (rate per 1,000)	34.3 2000	down -29%	24.5 2009	WA down: 71 to 40	27

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

Part IV. Births, Quality of Life, Deaths

DEATHS

Jefferson County death rate down slightly since the early 1990's -- male rate higher than female rate but male rate decreased 19% compared to only 3% among females. Death rate among infants down; death rates among adults 15-24, 45-64 and 65+ up while down in all age groups in Washington State. Accidental poisoning deaths up dramatically, motor vehicle injury deaths down, accidental fall deaths up. One in 7 deaths related to alcohol and/or drugs, up from 1 in 14. Adults dying before age 65 up, especially among females. Life expectancy up, 3% increase among males while only 1% increase among females.

	THEN	% CHANGE	NOW	NOTES	SOURCE
Death rate (age adjusted per 1,000)	7.9 1992-94	down -9%	7.2 2007-09	WA down: 8.6 to 7.2	3
Male death rate (age adjusted per 1,000)	9.9 1992-94	down -19%	8.0 2007-09	WA down: 10.7 to 8.5	3
Female death rate (age adjusted per 1,000)	6.5 1992-94	down -3%	6.3 2007-09	WA down: 7.0 to 6.1	3
Infant mortality rate (age <1 year) per 1,000	12.5 1990-94	down -53%	5.9 2005-09	WA down: 6.7 to 5.2 average 1 death per year	3
Death rate age 15-24 per 1,000	0.9 1990-94	up 11%	1.0 2005-09	WA down: 0.9 to 0.6	3
Death rate age 25-44 per 1,000	1.7 1990-94	same 0%	1.7 2005-09	WA down: 1.5 to 1.2	3
Death rate age 45-64 per 1,000	5.6 1990-94	up 4%	5.8 2005-09	WA down: 6.3 to 5.3	3
Death rate age 65+ per 1,000	38.1 1990-94	up 5%	40.0 2005-09	WA down: 47.8 to 46.4	3
Accidental poisoning deaths (age adjusted rate per 10,000)	0.7 1995-97	up 186%	2.0 2005-09	WA up: 0.5 to 1.2 av 3 per year; higher 25-64, male	3
Motor vehicle injury deaths (age adjusted rate per 10,000)	2.1 1990-94	down -43%	1.2 2005-09	WA down: 1.3 to 0.9 average 3 per year	3
Accidental fall deaths (age adjusted rate per 10,000)	0.5 1990-94	up 40%	0.7 2005-09	WA up: 0.7 to 1.1 av 3 per year; higher 65+; female	3
Alcohol and drug related deaths (% of all deaths)	7% 1998-00	up 103%	14% 2007-09	WA up: 9% to 12% av 45 per year; Jeff #3 of WA Counties	11
Premature death rate (death before age 65) per 1,000	35.8 2001-03	up 13%	40.6 2007-09	WA down: 43.6 to 35.6	3
Male premature death rate (before age 65) per 1,000	49.9 2001-03	up 5%	52.6 2007-09	WA down: 46.8 to 44.2	3
Female premature death rate (before age 65) per 1,000	21.8 2001-03	up 31%	28.6 2007-09	WA down: 27.9 to 26.8	3
Life expectancy at birth	77.8 1992-94	up 2%	79.4 2007-09	WA up: 77.3 to 79.8	3
Male life expectancy at birth	75.4 1992-94	up 3%	77.4 2007-09	WA up: 74.2 to 77.5	3
Female life expectancy at birth	80.5 1992-94	up 1%	81.7 2007-09	WA up: 80.2 to 82.0	3

HIGHLIGHTS: The Health of Jefferson County: 2010-11 Updates

SOURCES

- 1 US Census Bureau
- 2 WA State Office of Financial Management
- 3 Center for Health Statistics, WA State Department of Health
- 4 WA State Office of the Superintendent of Public Instruction
- 5 American Community Survey, US Census
- 6 Workforce Explorer
- 7 Bureau of Economic Analysis, US Department of Commerce
- 8 Bureau of Economic Analysis, US Department of Commerce; with calculations prepared by the WA Regional Economic Analysis Project
- 9 Small Area Income and Poverty Estimates, US Census
- 10 First Steps Database, Dept. of Social and Health Services
- 11 Profile on Risk and Protection for Substance Abuse Prevention, Dept. of Social and Health Services
- 12 WA State Center for Real Estate Research, WA State University
- 13 Dept. of Social and Health Services, Community Services Division, Economic Services Administration
- 14 Point in Time Count of Homeless Persons
- 15 Behavioral Risk Factor Surveillance System
- 16 School Based Health Center Clinic Visits
- 17 Healthy Youth Survey
- 18 DSHS, DASA: Abuse Trends in Washington State
- 19 1/10th of 1% Agency Monthly Evaluation Reporting
- 20 Jefferson County Public Health
- 21 Dept. of Social and Health Services
- 22 Dave Wasser and Brooke Hare, Washington State Health Care Authority
- 23 American Medical Association, Physician Characteristics and Distribution in the US. Accessed at: <http://www.indicatorsnorthwest.org>
- 24 School Based Health Center 1/10th of 1% Evaluation Reporting
- 25 WA State Dept. of Health Immunization Program/CHILD Profile School and Childcare Assessment Database, 4/09
- 26 Washington State Dept. of Health Local Public Health Indicators
- 27 Washington State Association of Sheriffs and Police Chiefs, Crime in Washington Report