

December, 2014

# Risk and Protection Profile for Substance Abuse Prevention in **Kittitas County**

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4.47-19:2014

Research & Data Analysis Division

**Vera Barga, B.S.**

**Irina V. Sharkova, Ph.D.**

**David Mancuso, Ph.D.**

*in conjunction with the*

Division of Behavioral Health and Recovery

**Chris Imhoff, Director**

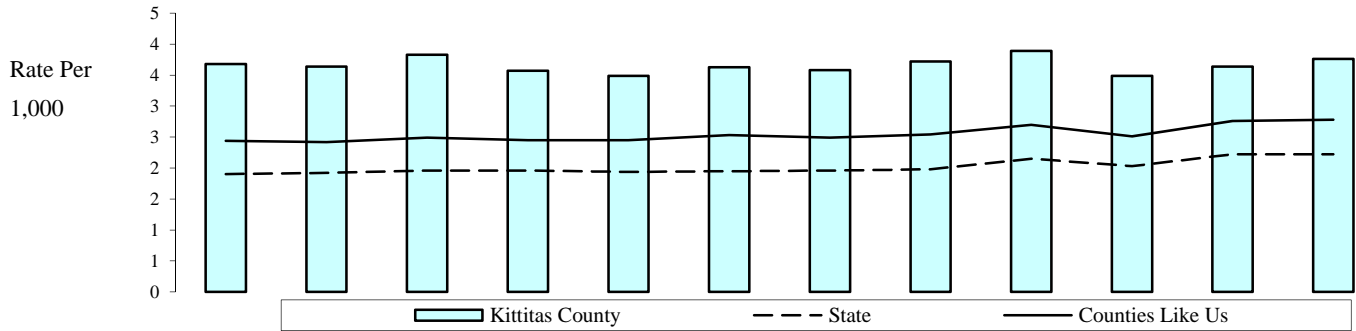


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**RDA** Research & Data  
Analysis Division

## Community Domain: Availability of Drugs

### Alcohol Retail Licenses



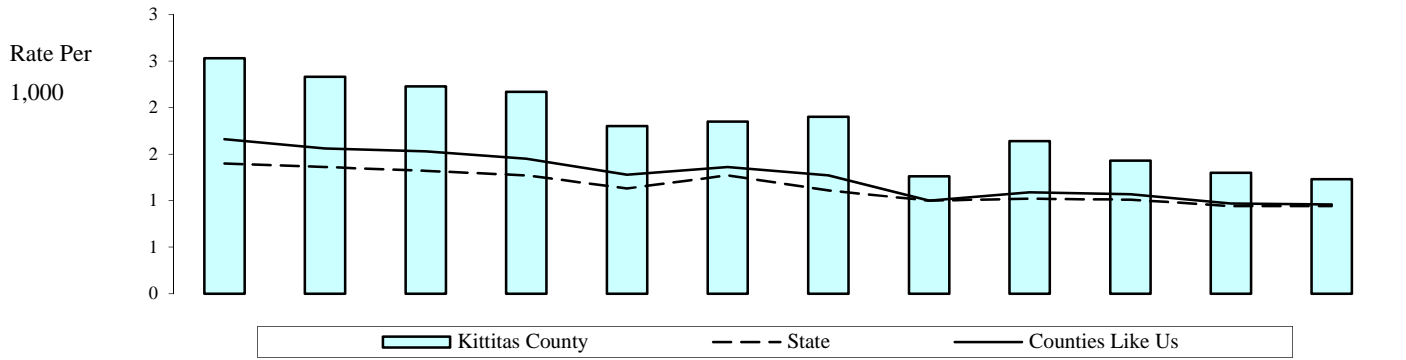
|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013*  |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| State            | 1.9    | 1.9    | 2.0    | 2.0    | 1.9    | 2.0    | 2.0    | 2.0    | 2.2    | 2.0    | 2.2    | 2.2    |
| Counties Like Us | 2.4    | 2.4    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.7    | 2.5    | 2.8    | 2.8    |
| Kittitas County  | 3.7    | 3.6    | 3.8    | 3.6    | 3.5    | 3.6    | 3.6    | 3.7    | 3.9    | 3.5    | 3.6    | 3.8    |
| Licenses         | 128    | 128    | 137    | 133    | 132    | 141    | 143    | 151    | 159    | 144    | 151    | 156    |
| All Persons      | 34,801 | 35,200 | 35,800 | 37,259 | 37,856 | 38,894 | 39,981 | 40,630 | 40,915 | 41,282 | 41,472 | 41,472 |

**Note:** The alcohol retail licenses active during the year, per 1,000 persons (all ages). Retail licenses include restaurants, grocery stores, and wine shops but do not include state liquor stores and agencies. Retail alcohol facilities on military bases and reservations are not licensed by the State and therefore are not included in these data. Policies on licensing distributors, taxing the proceeds, and determining who can sell alcohol vary substantially from state to state. Consequently, there is no consistent comparable source for national data. Data from 1999 to present is now geocoded from the facility address, rather than apportioned from zip code. This results in a more accurate, but different data total per county.

**State Source:** Washington State Liquor Control Board, Annual Operations Report  
**Population Estimates:** Washington State Department of Health

Updated  
 3/24/2014

**Tobacco Retail and Vending Machine Licenses**



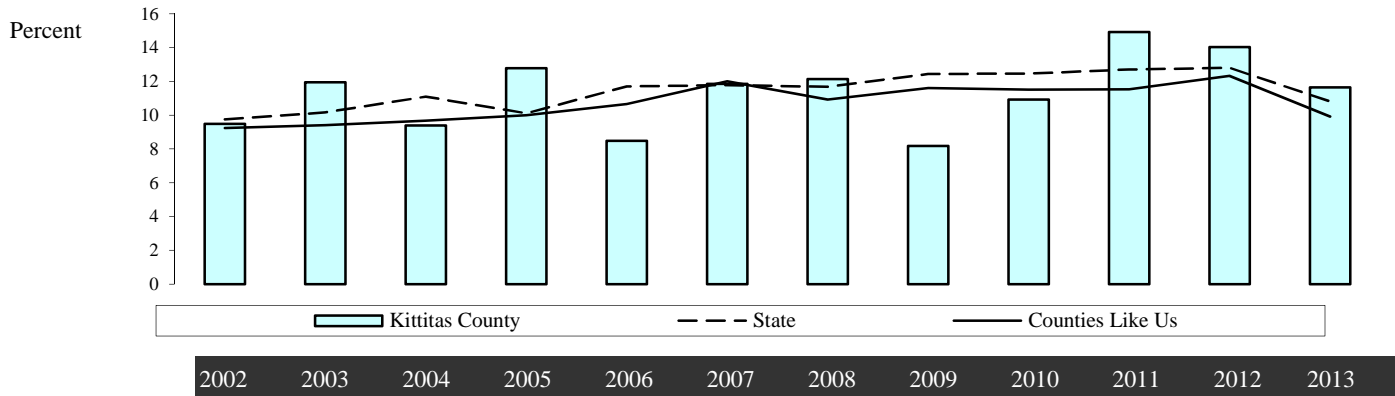
|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013*  |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| State            | 1.4    | 1.4    | 1.3    | 1.3    | 1.1    | 1.3    | 1.1    | 1.0    | 1.0    | 1.0    | 0.9    | 0.9    |
| Counties Like Us | 1.7    | 1.6    | 1.5    | 1.5    | 1.3    | 1.4    | 1.3    | 1.0    | 1.1    | 1.1    | 1.0    | 1.0    |
| Kittitas County  | 2.5    | 2.3    | 2.2    | 2.2    | 1.8    | 1.9    | 1.9    | 1.3    | 1.6    | 1.4    | 1.3    | 1.2    |
| Licenses         | 88     | 82     | 80     | 81     | 68     | 72     | 76     | 51     | 67     | 59     | 54     | 51     |
| All Persons      | 34,801 | 35,200 | 35,800 | 37,259 | 37,856 | 38,894 | 39,981 | 40,630 | 40,915 | 41,282 | 41,472 | 41,472 |

**Note:** The tobacco retailer and vending machine licenses active during the year, per 1,000 persons (all ages). Tobacco retailers on military bases and reservations are not licensed by the State and therefore are not included in these data. Tobacco sales licenses include tobacco retailer licenses (stores that sell tobacco products) and tobacco vending machines. No source of comparable national data was obtained.

**State Source:** Department of Health (from the Department of Licensing), Tobacco Prevention Program, Tobacco Statistics  
 Population Estimates: Washington State Department of Health

Updated  
 3/24/2014

**Alcohol- or Drug-Related Deaths**



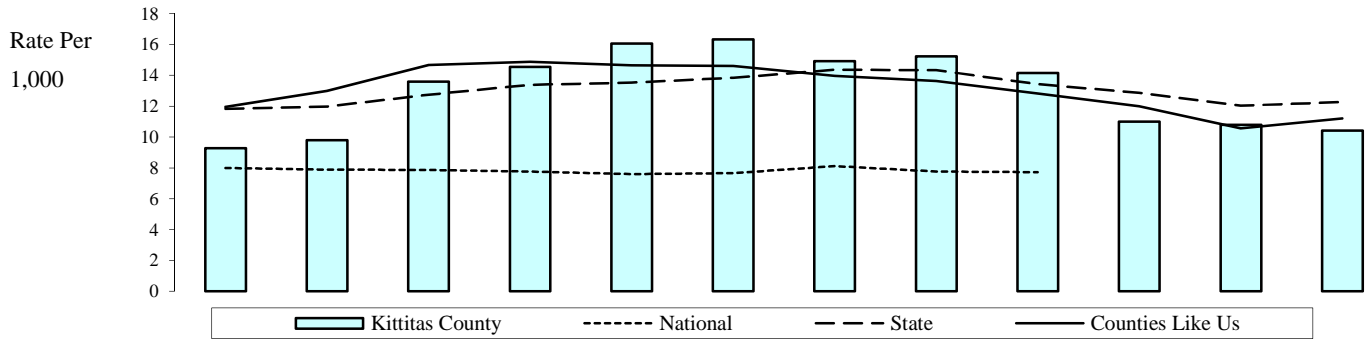
|                  | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| State            | 9.8  | 10.2 | 11.1 | 10.1 | 11.7 | 11.8 | 11.7 | 12.4 | 12.5 | 12.7 | 12.8 | 10.8 |
| Counties Like Us | 9.2  | 9.4  | 9.7  | 10.0 | 10.7 | 12.0 | 10.9 | 11.6 | 11.5 | 11.5 | 12.3 | 9.9  |
| Kittitas County  | 9.5  | 12.0 | 9.4  | 12.8 | 8.5  | 11.8 | 12.1 | 8.2  | 10.9 | 14.9 | 14.0 | 11.6 |
| AOD-related      | 25   | 30   | 23   | 30   | 21   | 29   | 33   | 21   | 30   | 41   | 37   | 35   |
| Deaths           | 264  | 251  | 245  | 235  | 248  | 245  | 272  | 257  | 275  | 275  | 264  | 301  |

**Note:** The deaths, with alcohol- or drug-related causes, per 100 deaths. Evaluation is based on all contributory causes of death for direct and indirect associations with alcohol and drug abuse. For a complete explanation of the codes and methods used please see Technical Notes: Counting Alcohol- or Drug-related Deaths. Suppression code definitions for yearly rates are explained in Technical Notes. Rates are not reported when fewer than 100 deaths occurred in an area.

**State Source:** Department of Health, Center for Health Statistics, Death Certificate Data File

Updated  
9/8/2014

**Clients of State-Funded Alcohol or Drug Services (Age 18+)**



|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013*  |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| National         | 8.0    | 7.9    | 7.9    | 7.8    | 7.6    | 7.7    | 8.1    | 7.8    | 7.7    |        | 7.0    |        |
| State            | 11.8   | 12.0   | 12.7   | 13.4   | 13.5   | 13.8   | 14.4   | 14.3   | 13.4   | 12.9   | 12.0   | 12.3   |
| Counties Like Us | 11.9   | 13.0   | 14.7   | 14.9   | 14.7   | 14.6   | 14.0   | 13.6   | 12.8   | 12.0   | 10.6   | 11.2   |
| Kittitas County  | 9.3    | 9.8    | 13.6   | 14.6   | 16.1   | 16.3   | 14.9   | 15.2   | 14.2   | 11.0   | 10.8   | 10.4   |
| Admits, 18+      | 258    | 277    | 392    | 438    | 493    | 516    | 486    | 505    | 473    | 373    | 364    | 352    |
| Persons, 18+     | 27,832 | 28,256 | 28,840 | 30,107 | 30,697 | 31,620 | 32,578 | 33,182 | 33,439 | 33,917 | 33,773 | 33,773 |

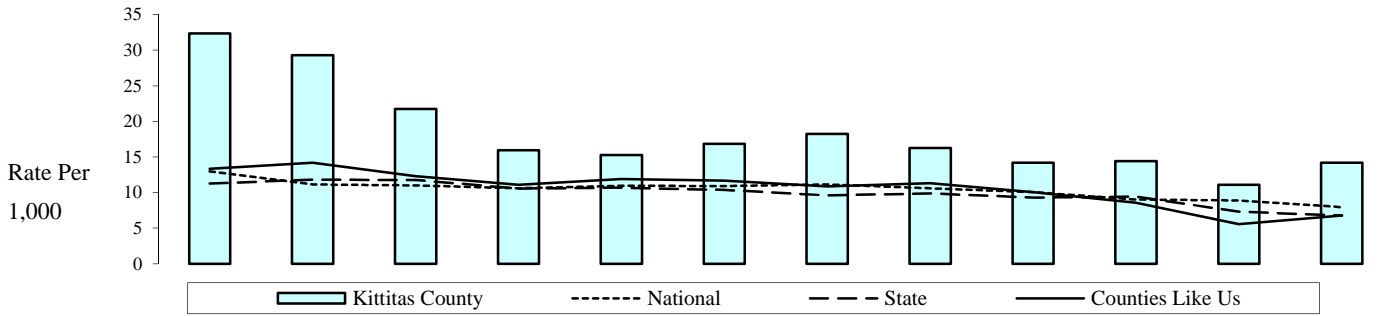
**Note:** The adults (age 18 and over) receiving state-funded alcohol or drug services, per 1,000 adults. Counts of adults are unduplicated so that those receiving services more than once during the year are only counted once for that year. State-funded services include treatment, assessment, and detox. Persons in Department of Corrections treatment programs are not included.

**State Source:** Department of Social and Health Services, Division of Behavioral Health and Recovery, Treatment and Assessment Report Generation Tool (TARGET). Population Estimates: Washington State Department of Health

**National Source:** Office of Applied Studies, Substance Abuse and Mental Health Services Administration, Treatment Episode Data Set (TEDS)

Updated  
11/6/2014

**Arrests (Age 18+), Alcohol-Related**



|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013*  |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| National         | 13.0   | 11.2   | 11.0   | 10.6   | 11.0   | 10.9   | 11.1   | 10.6   | 10.1   | 9.0    | 8.9    | 7.9    |
| State            | 11.3   | 11.8   | 11.8   | 10.6   | 10.7   | 10.4   | 9.6    | 9.9    | 9.3    | 9.4    | 7.3    | 6.8    |
| Counties Like Us | 13.3   | 14.2   | 12.3   | 11.1   | 11.9   | 11.7   | 10.9   | 11.3   | 10.1   | 8.6    | 5.6    | 6.8    |
| Kittitas County  | 32.4   | 29.3   | 21.7   | 15.9   | 15.3   | 16.9   | 18.2   | 16.3   | 14.2   | 14.4   | 11.1   | 14.2   |
| Arrests, 18+     | 901    | 828    | 627    | 480    | 468    | 533    | 593    | 540    | 474    | 483    | 375    | 479    |
| Adjusted Pop 18+ | 27,832 | 28,256 | 28,840 | 30,107 | 30,697 | 31,620 | 32,504 | 33,182 | 33,439 | 33,484 | 33,773 | 33,773 |

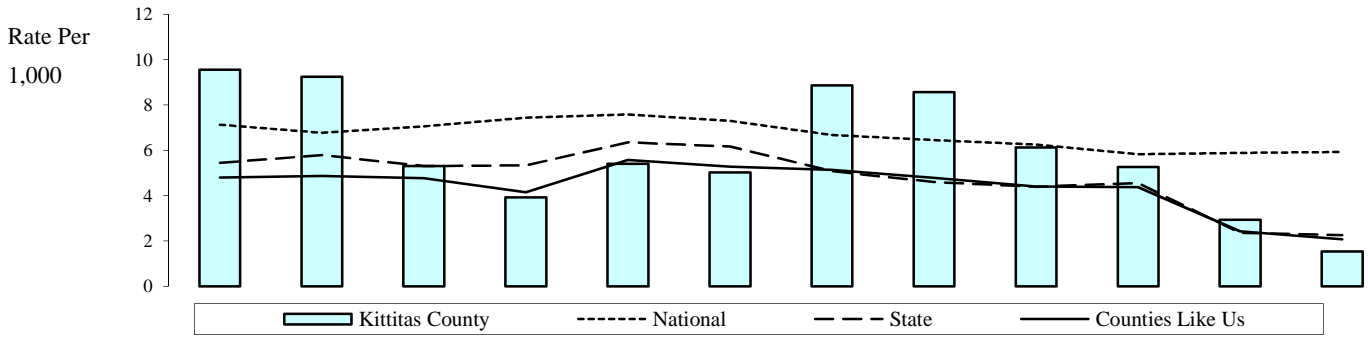
**Note:** The alcohol violations (age 18+), per 1,000 adults (age 18+). Alcohol violations include all crimes involving driving under the influence, liquor law violations, and drunkenness. DUI arrests by the Washington State Patrol are included in the state trend analysis. However, they are not included in the county rankings since WSP arrests are not assigned to counties. Denominators are adjusted by subtracting the population of police agencies that did not report arrests to UCR. In spite of this population adjustment, when the non-reporting police jurisdiction is where much of the crime occurs, the rate for the county will be lower than it would be if that jurisdiction was included. For percent subtracted, suppression code definitions and the agencies not reporting, see the Technical Notes and the appendix on Non-Reporting Agencies and Population.

**State Source:** Washington Association of Sheriffs and Police Chiefs, Uniform Crime Report (UCR), Tables 40 and 50.  
Population Estimates: Washington State Department of Health

**National Source:** US Department of Justice, Bureau of Justice Statistics Sourcebook of Criminal Justice Statistics Online

Updated  
10/7/2014

**Arrests (Age 18+), Drug Law Violation**



|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013*  |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| National         | 7.1    | 6.8    | 7.1    | 7.4    | 7.6    | 7.3    | 6.7    | 6.5    | 6.3    | 5.8    | 5.9    | 5.9    |
| State            | 5.5    | 5.8    | 5.3    | 5.3    | 6.4    | 6.2    | 5.1    | 4.6    | 4.4    | 4.6    | 2.4    | 2.3    |
| Counties Like Us | 4.8    | 4.9    | 4.8    | 4.2    | 5.6    | 5.3    | 5.1    | 4.8    | 4.4    | 4.4    | 2.4    | 2.1    |
| Kittitas County  | 9.6    | 9.2    | 5.3    | 3.9    | 5.4    | 5.0    | 8.9    | 8.6    | 6.1    | 5.3    | 2.9    | 1.5    |
| Arrests, 18+     | 266    | 261    | 153    | 118    | 166    | 159    | 288    | 284    | 205    | 176    | 99     | 52     |
| Adjusted Pop 18+ | 27,832 | 28,256 | 28,840 | 30,107 | 30,697 | 31,620 | 32,504 | 33,182 | 33,439 | 33,484 | 33,773 | 33,773 |

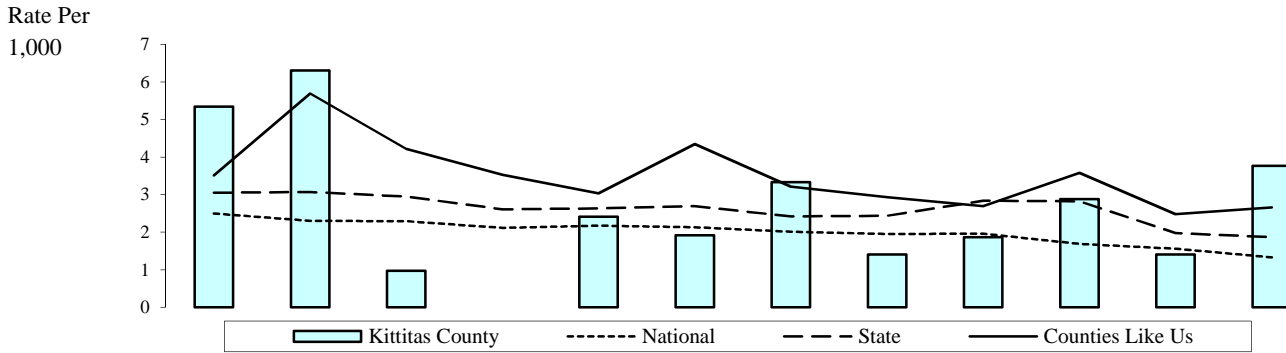
**Note:** The arrests of adults (age 18+) for drug law violations, per 1,000 adults (age 18+). Drug law violations include all crimes involving sale, manufacturing, and possession of drugs. Denominators are adjusted by subtracting the population of police agencies that did not report arrests to UCR. In spite of this population adjustment, when the non-reporting police jurisdiction is where much of the crime occurs, the rate for the county will be lower than it would be if that jurisdiction was included. For percent subtracted, suppression code definitions and the agencies not reporting, see the Technical Notes and the appendix on Non-Reporting Agencies and Population.

**State Source:** Washington Association of Sheriffs and Police Chiefs, Uniform Crime Report (UCR), Tables 40 and 50. Population Estimates: Washington State Department of Health

**National Source:** US Department of Justice, Bureau of Justice Statistics Sourcebook of Criminal Justice Statistics Online

Updated  
10/7/2014

**Arrests (Age 10-14), Alcohol- or Drug-Related**



|                    | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013* |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| National           | 2.5   | 2.3   | 2.3   | 2.1   | 2.2   | 2.1   | 2.0   | 2.0   | 2.0   | 1.7   | 1.6   | 1.3   |
| State              | 3.1   | 3.1   | 3.0   | 2.6   | 2.6   | 2.7   | 2.4   | 2.4   | 2.8   | 2.8   | 2.0   | 1.9   |
| Counties Like Us   | 3.5   | 5.7   | 4.2   | 3.5   | 3.0   | 4.4   | 3.2   | 2.9   | 2.7   | 3.6   | 2.5   | 2.7   |
| Kittitas County    | 5.3   | 6.3   | 1.0   | 0.0   | 2.4   | 1.9   | 3.3   | 1.4   | 1.9   | 2.9   | 1.4   | 3.8   |
| Arrests, 10-14     | 11    | 13    | 2     | 0     | 5     | 4     | 7     | 3     | 4     | 6     | 3     | 8     |
| Adjusted Pop 10-14 | 2,059 | 2,061 | 2,059 | 2,108 | 2,078 | 2,080 | 2,102 | 2,124 | 2,138 | 2,085 | 2,124 | 2,124 |

**Note:** The arrests of younger adolescents (age 10-14) for alcohol and drug law violations, per 1,000 adolescents (age 10-14). Alcohol violations include all crimes involving driving under the influence, liquor law violations, and drunkenness. For children, arrests for liquor law violations are usually arrests for minor in possession. Drug law violations include all crimes involving sale, manufacturing, and possession of drugs.

1) Denominators are adjusted by subtracting the population of police agencies that did not report arrests to Uniform Crime Report (UCR). In spite of this population adjustment, when the non-reporting police jurisdiction is where much of the crime occurs, the rate for the county will be lower than it would be if that jurisdiction was included. For percent subtracted, suppression code definitions and the agencies not reporting, see the Technical Notes and the appendix on Non-Reporting Agencies and Population.

2) The DUI portion of this measure is likely understated, because arrests made by the State Patrol are not attributable to counties. State Patrol arrests are included in the state rates.

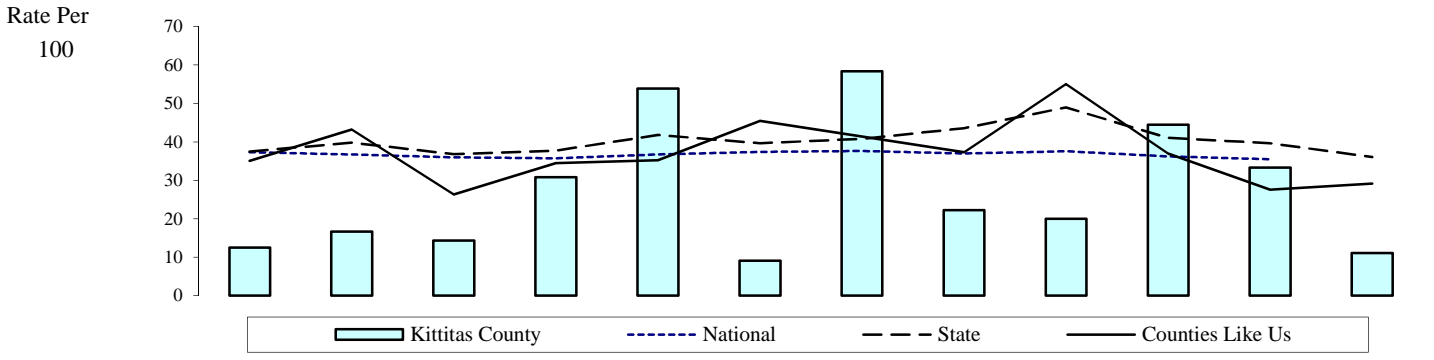
**State Source:** Washington Association of Sheriffs and Police Chiefs, Uniform Crime Report (UCR), Tables 40 and 50. Population Estimates: Washington State Department of Health

**National Source:** US Department of Justice, Bureau of Justice Statistics Sourcebook of Criminal Justice Statistics Online

Updated  
10/7/2014



### Alcohol-Related Traffic Fatalities Per All Traffic Fatalities



|                            | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| National                   | 37.3 | 36.7 | 36.0 | 35.7 | 36.7 | 37.4 | 37.7 | 37.0 | 37.6 | 36.2 | 35.4 |      |
| State                      | 37.4 | 39.8 | 36.8 | 37.7 | 41.8 | 39.7 | 40.8 | 43.6 | 49.0 | 41.1 | 39.7 | 36.1 |
| Counties Like Us           | 35.1 | 43.2 | 26.3 | 34.5 | 35.2 | 45.5 | 41.4 | 37.3 | 55.0 | 37.0 | 27.6 | 29.2 |
| Kittitas County            | 12.5 | 16.7 | 14.3 | 30.8 | 53.9 | 9.1  | 58.3 | 22.2 | 20.0 | 44.4 | 33.3 | 11.1 |
| Alcohol-related Fatalities | 2    | 1    | 2    | 4    | 7    | 1    | 7    | 2    | 1    | 4    | 6    | 1    |
| Fatalities                 | 16   | 6    | 14   | 13   | 13   | 11   | 12   | 9    | 5    | 9    | 18   | 9    |

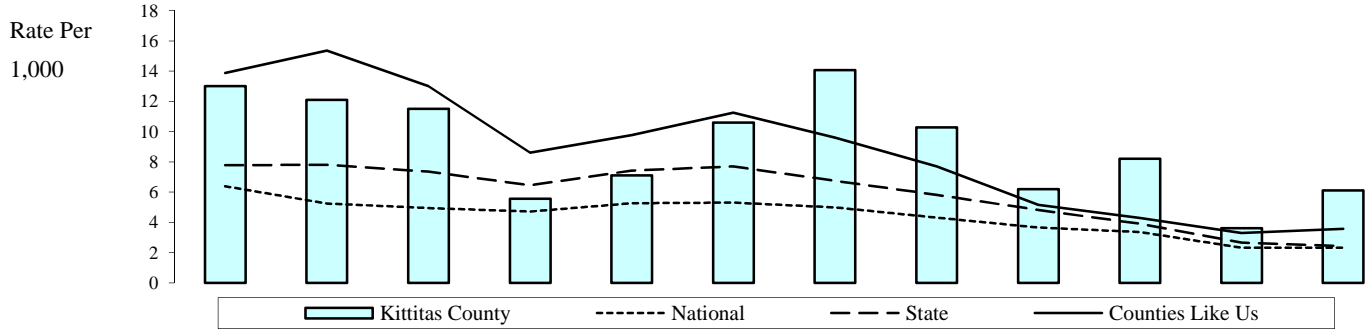
**Note:** The alcohol-related traffic fatalities, per 100 traffic fatalities. "Alcohol-related" means that the officer on the scene determined that at least one driver involved in the accident "had been drinking." Thus, "Alcohol-related" includes but is not limited to the legal definition of driving under the influence. Care should be taken since small numbers of events can cause unreliable rates in some counties.

**State Source:** Washington State Patrol, Records Section, Traffic Collisions in Washington State, Accident Records Database

**National Source:** National Center for Statistics and Analysis, Fatal Accident Reporting System (FARS)

Updated  
2/14/2014

**Arrests (Age 10-17), Alcohol Violation**



|                    | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013* |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| National           | 6.4   | 5.3   | 4.9   | 4.7   | 5.3   | 5.3   | 5.0   | 4.3   | 3.7   | 3.4   | 2.3   | 2.3   |
| State              | 7.8   | 7.8   | 7.4   | 6.5   | 7.4   | 7.7   | 6.7   | 5.8   | 4.8   | 3.9   | 2.7   | 2.4   |
| Counties Like Us   | 13.9  | 15.4  | 13.0  | 8.6   | 9.8   | 11.3  | 9.6   | 7.7   | 5.2   | 4.3   | 3.3   | 3.6   |
| Kittitas County    | 13.0  | 12.1  | 11.5  | 5.6   | 7.1   | 10.6  | 14.1  | 10.3  | 6.2   | 8.2   | 3.6   | 6.1   |
| Arrests, 10-17     | 44    | 41    | 39    | 19    | 24    | 36    | 48    | 35    | 21    | 26    | 13    | 22    |
| Adjusted Pop 10-17 | 3,383 | 3,388 | 3,391 | 3,410 | 3,382 | 3,399 | 3,413 | 3,405 | 3,390 | 3,165 | 3,600 | 3,600 |

**Note:** The arrests of adolescents (age 10-17) for alcohol violations, per 1,000 adolescents (age 10-17). Alcohol violations include all crimes involving driving under the influence, liquor law violations, and drunkenness. For children, arrests for liquor law violations are usually arrests for minor in possession.

1) Denominators are adjusted by subtracting the population of police agencies that did not report arrests to UCR. In spite of this population adjustment, when the non-reporting police jurisdiction is where much of the crime occurs, the rate for the county will be lower than it would be if that jurisdiction was included. For percent subtracted, suppression code definitions and the agencies not reporting, see the Technical Notes and the appendix on Non-Reporting Agencies and Population.

2) The DUI portion of this measure is likely understated, because arrests made by the State Patrol are not attributable to counties. State Patrol arrests are included in the state rates.

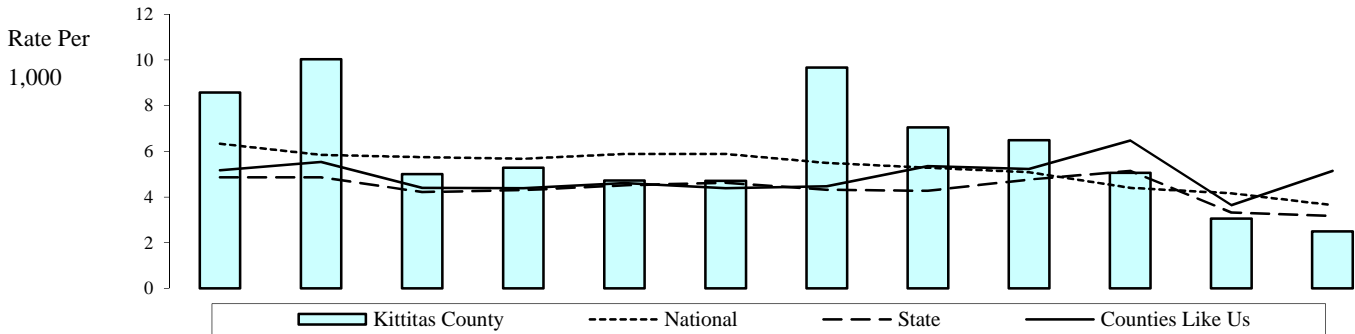
**State Source:** Washington Association of Sheriffs and Police Chiefs, Uniform Crime Report (UCR), Tables 40 and 50.  
Population Estimates: Washington State Department of Health

**National Source:** US Department of Justice, Bureau of Justice Statistics Sourcebook of Criminal Justice Statistics Online

Updated  
10/7/2014

Problem Outcomes: Substance Use

**Arrests (Age 10-17), Drug Law Violation**



|                    | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013* |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| National           | 6.3   | 5.8   | 5.8   | 5.7   | 5.9   | 5.9   | 5.5   | 5.3   | 5.1   | 4.4   | 4.2   | 3.7   |
| State              | 4.9   | 4.9   | 4.2   | 4.3   | 4.5   | 4.6   | 4.3   | 4.3   | 4.8   | 5.2   | 3.3   | 3.2   |
| Counties Like Us   | 5.2   | 5.5   | 4.4   | 4.4   | 4.6   | 4.4   | 4.5   | 5.4   | 5.2   | 6.5   | 3.7   | 5.2   |
| Kittitas County    | 8.6   | 10.0  | 5.0   | 5.3   | 4.7   | 4.7   | 9.7   | 7.1   | 6.5   | 5.1   | 3.1   | 2.5   |
| Arrests, 10-17     | 29    | 34    | 17    | 18    | 16    | 16    | 33    | 24    | 22    | 16    | 11    | 9     |
| Adjusted Pop 10-17 | 3,383 | 3,388 | 3,391 | 3,410 | 3,382 | 3,399 | 3,413 | 3,405 | 3,390 | 3,165 | 3,600 | 3,600 |

**Note:** The arrests of adolescents (age 10-17) for drug law violations, per 1,000 adolescents (age 10-17). Drug law violations include all crimes involving sale, manufacturing, and possession of drugs.

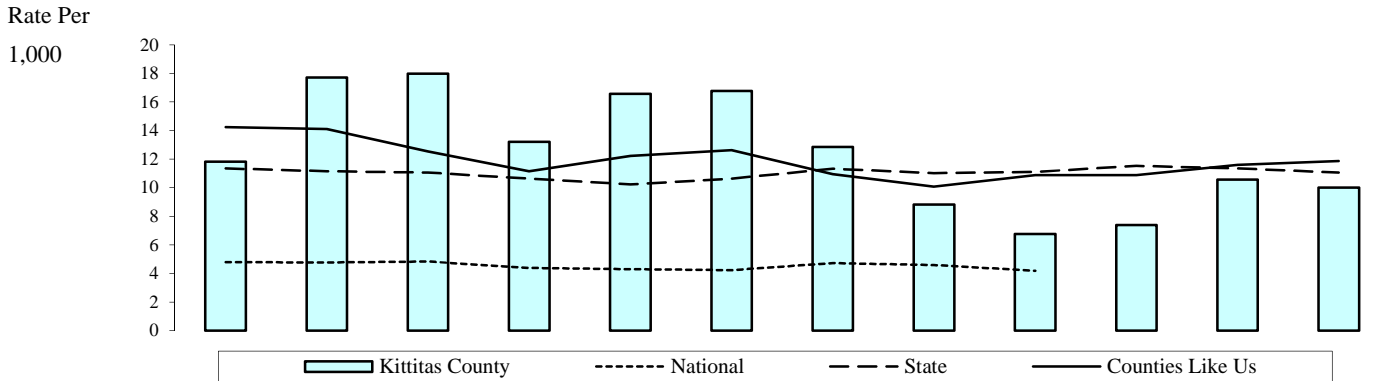
Denominators are adjusted by subtracting the population of police agencies that did not report arrests to UCR. In spite of this population adjustment, when the non-reporting police jurisdiction is where much of the crime occurs, the rate for the county will be lower than it would be if that jurisdiction was included. For percent subtracted, suppression code definitions and the agencies not reporting, see the Technical Notes and the appendix on Non-Reporting Agencies and Population.

**State Source:** Washington Association of Sheriffs and Police Chiefs, Uniform Crime Report (UCR), Tables 40 and 50.  
Population Estimates: Washington State Department of Health

**National Source:** US Department of Justice, Bureau of Justice Statistics Sourcebook of Criminal Justice Statistics Online

Updated  
10/7/2014

### Clients of State-Funded Alcohol or Drug Services (Age 10-17)



|                  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013* |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| National         | 4.8   | 4.8   | 4.8   | 4.4   | 4.3   | 4.2   | 4.7   | 4.6   | 4.2   |       | 3.7   |       |
| State            | 11.4  | 11.2  | 11.1  | 10.6  | 10.2  | 10.6  | 11.3  | 11.0  | 11.1  | 11.5  | 11.4  | 11.1  |
| Counties Like Us | 14.2  | 14.1  | 12.5  | 11.2  | 12.2  | 12.6  | 10.9  | 10.1  | 10.9  | 10.9  | 11.6  | 11.9  |
| Kittitas County  | 11.8  | 17.7  | 18.0  | 13.2  | 16.6  | 16.8  | 12.9  | 8.8   | 6.8   | 7.4   | 10.6  | 10.0  |
| Admits, 10-17    | 40    | 60    | 61    | 45    | 56    | 57    | 44    | 30    | 23    | 24    | 38    | 36    |
| Persons, 10-17   | 3,383 | 3,388 | 3,391 | 3,410 | 3,382 | 3,399 | 3,425 | 3,405 | 3,402 | 3,252 | 3,600 | 3,600 |

**Note:** The adolescents (age 10-17) receiving state-funded alcohol or drug services, per 1,000 adolescents 10-17. Counts of clients are unduplicated so that those receiving services more than once during the year are only counted once for that year. State-funded services include treatment, assessment, and detox. Persons in Department of Corrections treatment programs are not included.

**State Source:** Department of Social and Health Services, Division of Behavioral Health and Recovery, Treatment and Assessment Report Generation Tool (TARGET). Population Estimates: Washington State Department of Health

**National Source:** Office of Applied Studies, Substance Abuse and Mental Health Services Administration, Treatment Episode Data Set (TEDS)

Updated  
11/6/2014