

December, 2014

Risk and Protection Profile for Substance Abuse Prevention in King County



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Research & Data Analysis Division

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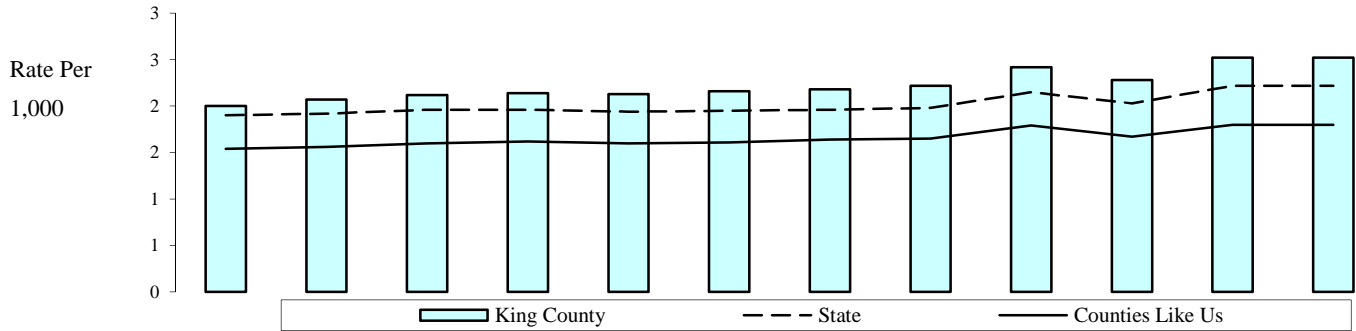
Chris Imhoff, Director



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	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.8	1.8
King County	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.4	2.3	2.5	2.5
Licenses	3,548	3,681	3,783	3,870	3,917	4,025	4,123	4,239	4,679	4,425	4,914	4,911
All Persons	1,774,299	1,779,300	1,788,358	1,808,266	1,839,790	1,867,020	1,888,405	1,907,846	1,931,249	1,939,868	1,952,546	1,952,546

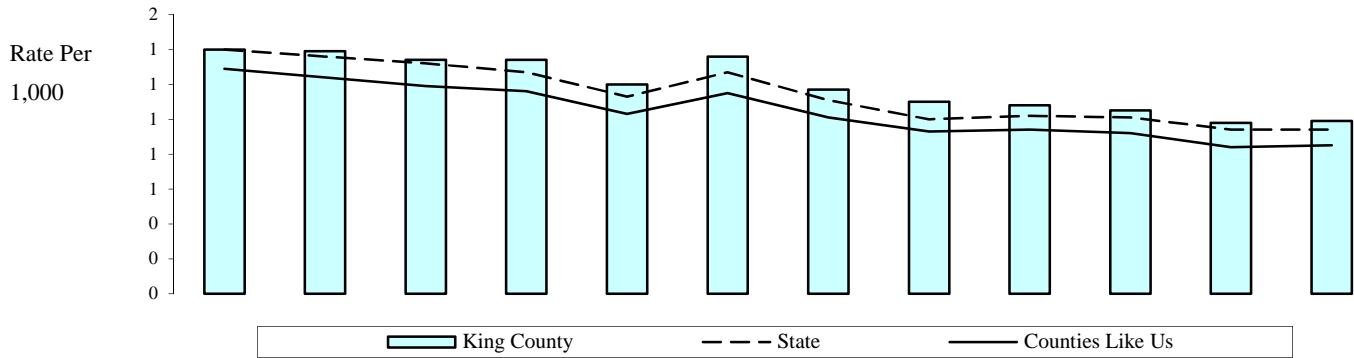
Note: The alcohol retail licenses active during the year, per 1,000 persons (all ages). Retail licenses include restaurants, grocery stores, and wine shops but do not include state liquor stores and agencies. Retail alcohol facilities on military bases and reservations are not licensed by the State and 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

Community Domain: Availability of Drugs

Tobacco Retail and Vending Machine Licenses



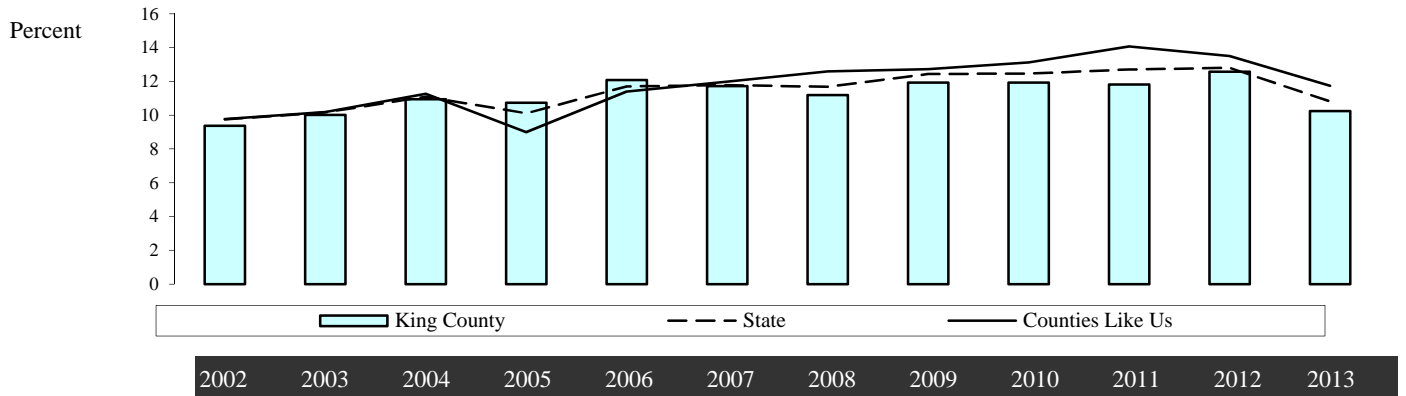
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013*
State	1.4	1.4	1.3	1.3	1.1	1.3	1.1	1.0	1.0	1.0	0.9	0.9
Counties Like Us	1.3	1.2	1.2	1.2	1.0	1.2	1.0	0.9	0.9	0.9	0.8	0.9
King County	1.4	1.4	1.3	1.3	1.2	1.4	1.2	1.1	1.1	1.1	1.0	1.0
Licenses	2,485	2,480	2,405	2,416	2,208	2,530	2,207	2,105	2,093	2,037	1,915	1,929
All Persons	1,774,299	1,779,300	1,788,358	1,808,266	1,839,790	1,867,020	1,888,405	1,907,846	1,931,249	1,939,868	1,952,546	1,952,546

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



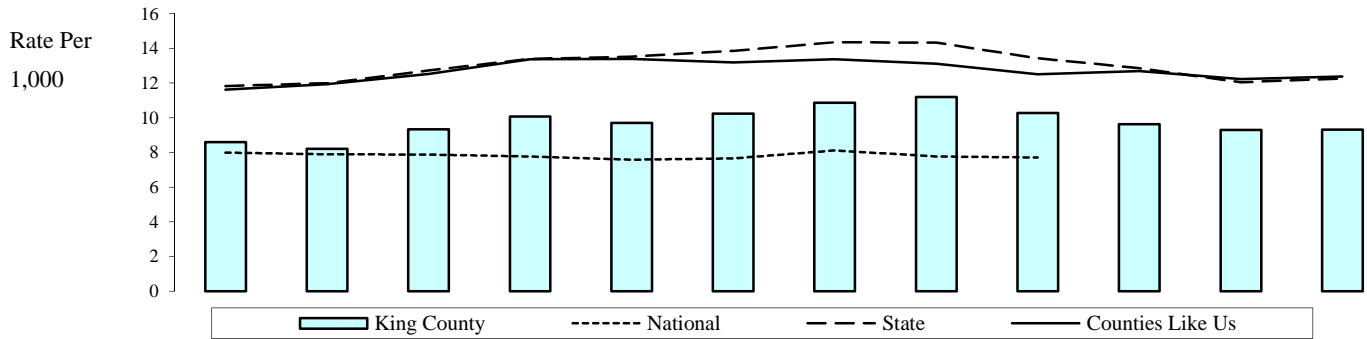
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
State	9.8	10.2	11.1	10.1	11.7	11.8	11.7	12.4	12.5	12.7	12.8	10.8
Counties Like Us	9.8	10.2	11.3	9.0	11.4	12.0	12.6	12.7	13.1	14.1	13.5	11.7
King County	9.4	10.0	10.9	10.7	12.1	11.7	11.2	11.9	11.9	11.8	12.6	10.2
AOD-related	1,081	1,154	1,220	1,210	1,380	1,351	1,319	1,363	1,381	1,406	1,522	1,265
Deaths	11,538	11,530	11,163	11,282	11,434	11,529	11,802	11,422	11,588	11,920	12,109	12,352

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	11.6	11.9	12.5	13.4	13.4	13.2	13.4	13.1	12.5	12.7	12.2	12.4
King County	8.6	8.2	9.3	10.1	9.7	10.2	10.9	11.2	10.3	9.6	9.3	9.3
Admits, 18+	11,891	11,410	13,098	14,230	13,977	14,959	16,085	16,773	15,582	14,666	14,283	14,302
Persons, 18+	1,382,732	1,391,068	1,402,081	1,412,903	1,439,446	1,462,218	1,481,029	1,498,541	1,517,741	1,525,178	1,536,016	1,536,016

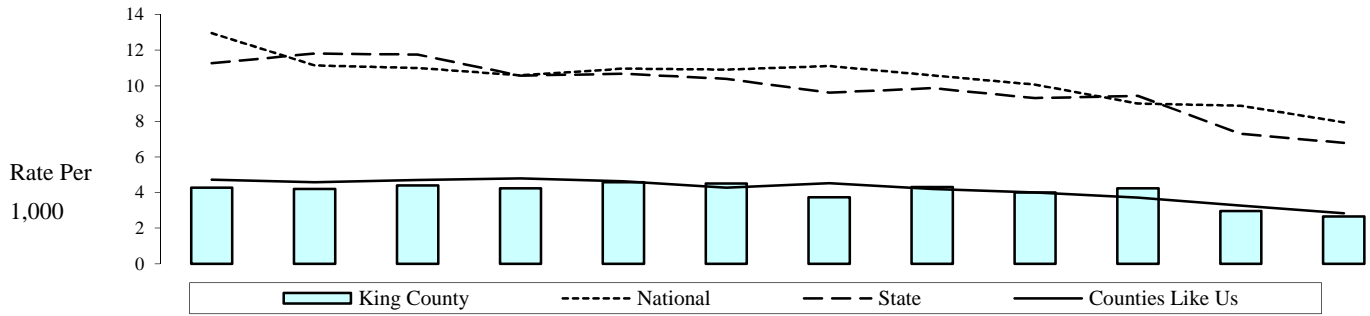
Note: The adults (age 18 and over) receiving state-funded alcohol or drug services, per 1,000 adults. Counts of adults are unduplicated so that those receiving services more than once during the year are only counted once for that year. State-funded services include treatment, assessment, and detox. 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	4.7	4.6	4.7	4.8	4.6	4.3	4.5	4.2	4.0	3.7	3.3	2.8
King County	4.3	4.2	4.4	4.2	4.6	4.5	3.7	4.3	4.0	4.2	3.0	2.7
Arrests, 18+	5,176	5,130	5,332	5,187	5,896	6,164	4,923	4,827	3,807	3,900	3,132	3,049
Adjusted Pop 18+	1,209,698	1,219,420	1,215,834	1,226,342	1,287,853	1,369,108	1,319,822	1,121,164	948,277	920,174	1,058,805	1,146,499

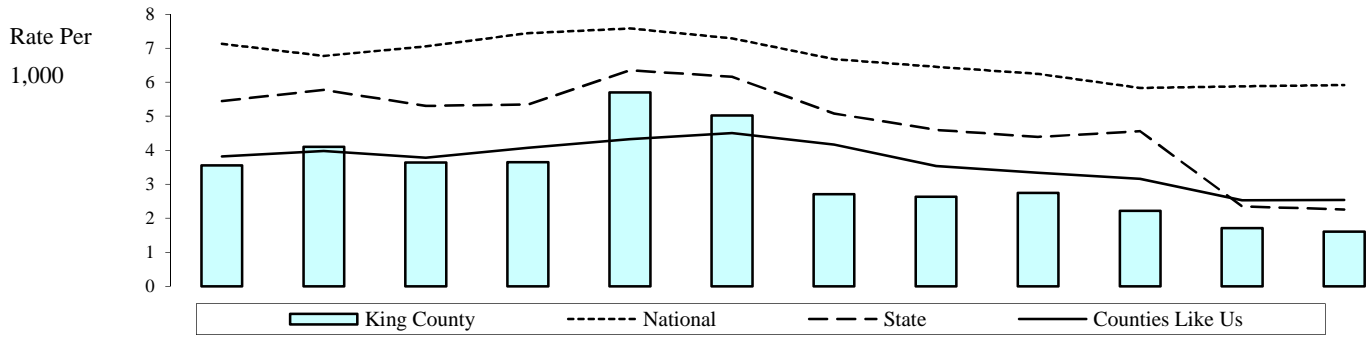
Note: The alcohol violations (age 18+), per 1,000 adults (age 18+). Alcohol violations include all crimes involving driving under the influence, liquor law violations, and drunkenness. DUI arrests by the Washington State Patrol are included in the state trend analysis. However, they are not included 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	3.8	4.0	3.8	4.1	4.3	4.5	4.2	3.5	3.3	3.2	2.5	2.5
King County	3.6	4.1	3.6	3.7	5.7	5.0	2.7	2.6	2.8	2.2	1.7	1.6
Arrests, 18+	4,310	5,005	4,430	4,474	7,340	6,868	3,576	2,946	2,611	2,047	1,814	1,847
Adjusted Pop 18+	1,209,698	1,219,420	1,215,834	1,226,342	1,287,853	1,369,108	1,319,822	1,121,164	948,277	920,174	1,058,805	1,146,499

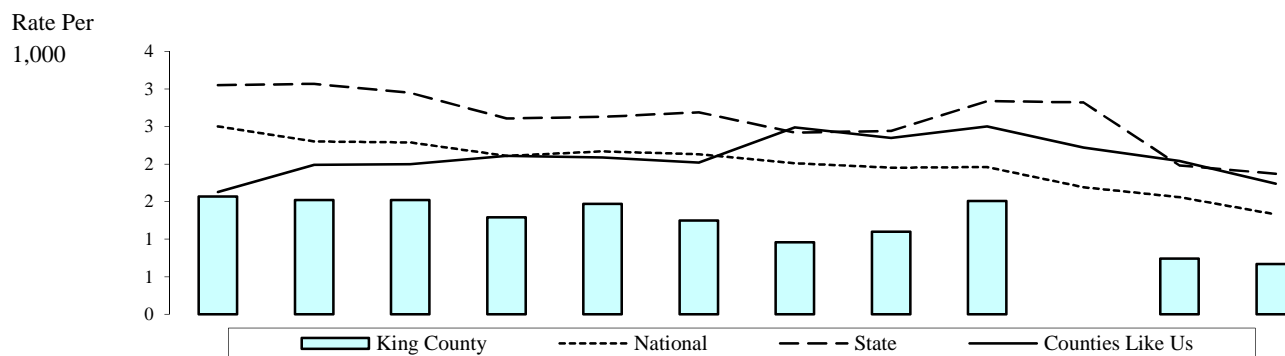
Note: The arrests of adults (age 18+) for drug law violations, per 1,000 adults (age 18+). Drug law violations include all crimes involving sale, manufacturing, and possession of drugs. Denominators are adjusted by subtracting the population of police agencies that did not report arrests to UCR. In spite 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	1.6	2.0	2.0	2.1	2.1	2.0	2.5	2.4	2.5	2.2	2.0	1.7
King County	1.6	1.5	1.5	1.3	1.5	1.3	1.0	1.1	1.5	NR	0.7	0.7
Arrests, 10-14	151	146	143	121	141	127	92	83	85	72	49	50
Adjusted Pop 10-14	96,141	96,111	94,163	93,990	95,993	101,248	95,674	75,445	56,229	55,599	66,122	74,616

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.

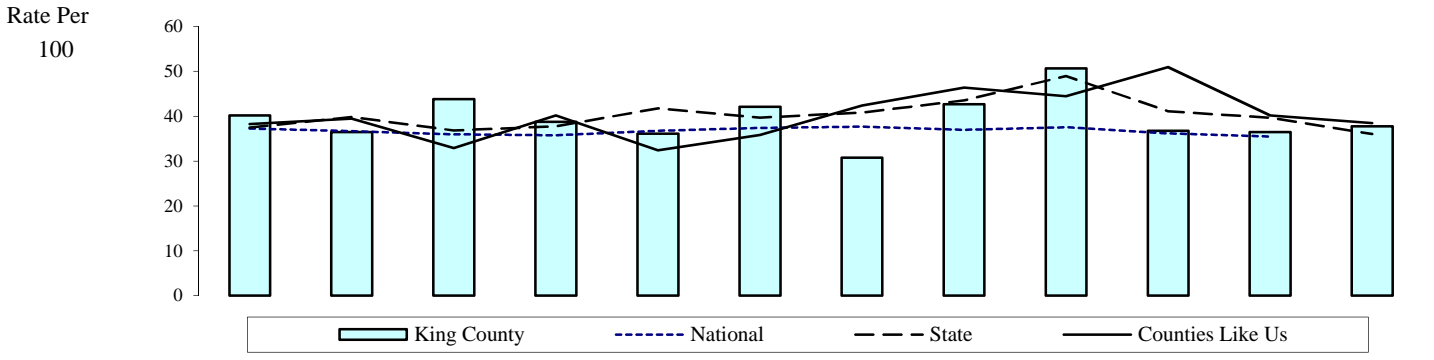
2) The DUI portion of this measure is likely understated, because arrests made by the State Patrol are not attributable to counties. State Patrol arrests are included in the state rates.

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	38.2	39.5	32.9	40.2	32.4	35.8	42.4	46.4	44.4	50.9	40.2	38.5
King County	40.2	36.5	43.8	38.8	36.2	42.1	30.8	42.7	50.7	36.8	36.5	37.8
Alcohol-related Fatalities	49	39	46	45	47	56	28	41	39	32	27	34
	122	107	105	116	130	133	91	96	77	87	74	90

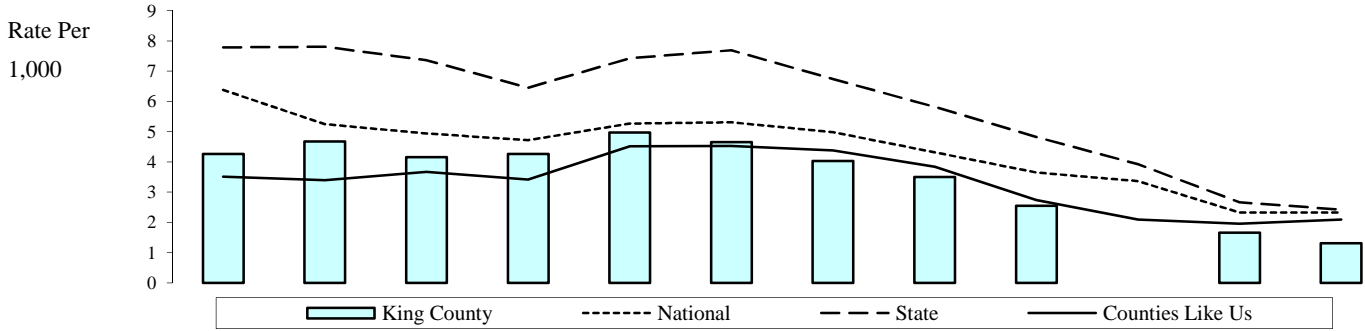
Note: The alcohol-related traffic fatalities, per 100 traffic fatalities. "Alcohol-related" means that the officer on the scene determined that at least one driver involved in the accident "had been drinking." Thus, "Alcohol-related" includes but is not limited to the legal definition of driving under 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	3.5	3.4	3.7	3.4	4.5	4.5	4.4	3.8	2.7	2.1	2.0	2.1
King County	4.3	4.7	4.2	4.3	5.0	4.7	4.0	3.5	2.6	NR	1.7	1.3
Arrests, 10-17	648	712	621	644	774	772	634	431	232	202	177	157
Adjusted Pop 10-17	152,121	152,091	149,304	151,003	155,873	165,986	157,302	122,980	90,900	89,903	106,473	120,260

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.

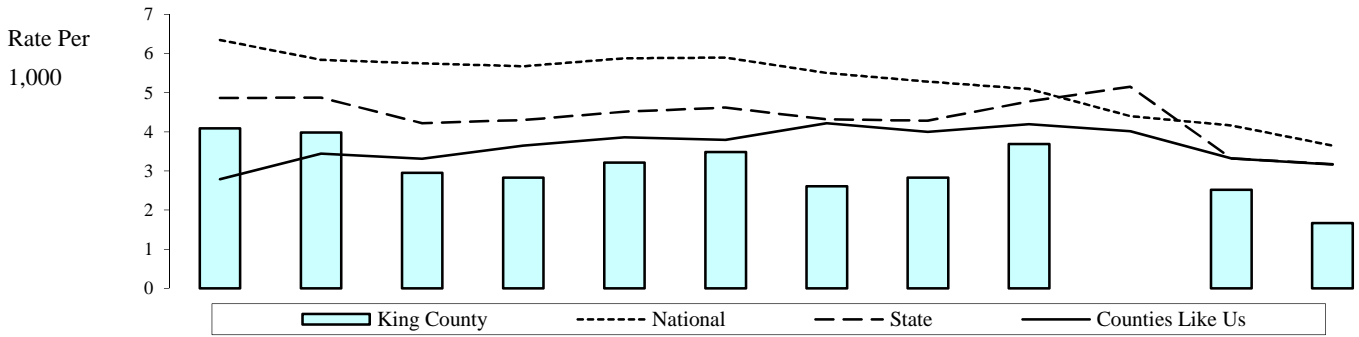
State Source: Washington Association of Sheriffs and Police Chiefs, Uniform Crime Report (UCR), Tables 40 and 50.
Population Estimates: Washington State Department of Health

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	2.8	3.4	3.3	3.7	3.9	3.8	4.2	4.0	4.2	4.0	3.3	3.2
King County	4.1	4.0	3.0	2.8	3.2	3.5	2.6	2.8	3.7	NR	2.5	1.7
Arrests, 10-17	622	606	440	428	500	577	410	348	335	340	268	201
Adjusted Pop 10-17	152,121	152,091	149,304	151,003	155,873	165,986	157,302	122,980	90,900	89,903	106,473	120,260

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.

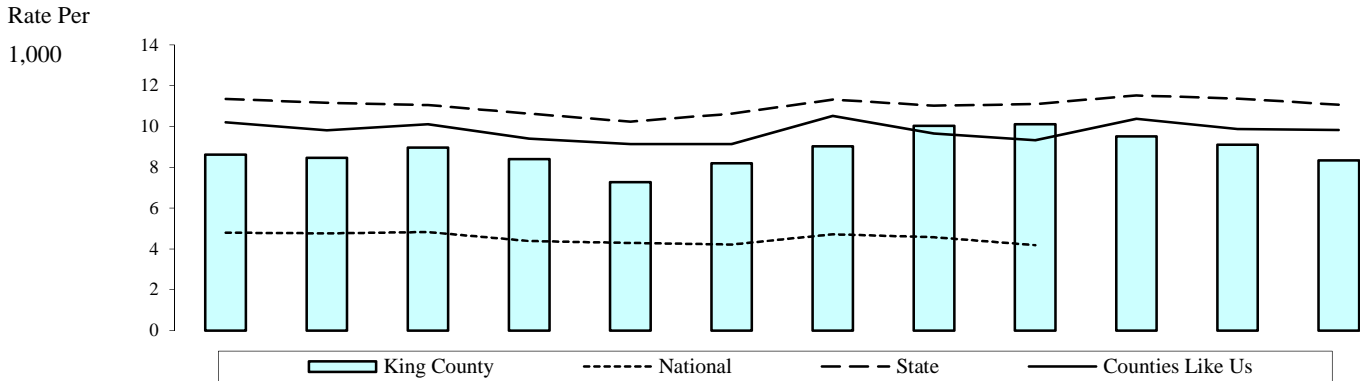
Denominators are adjusted by subtracting the population of police agencies that did not report arrests to UCR. In spite of this population adjustment, when the non-reporting police jurisdiction is where much of the crime occurs, the rate for the county will be lower than it would be if that jurisdiction 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	10.2	9.8	10.1	9.4	9.1	9.1	10.5	9.7	9.3	10.4	9.9	9.8
King County	8.6	8.5	9.0	8.4	7.3	8.2	9.0	10.0	10.1	9.5	9.1	8.3
Admits, 10-17	1,528	1,495	1,572	1,497	1,303	1,474	1,616	1,788	1,819	1,717	1,644	1,508
Persons, 10-17	177,266	176,663	175,531	178,208	179,321	179,727	178,950	178,207	179,919	180,315	180,720	180,720

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