



# WASHINGTON STATE HIV SURVEILLANCE SEMIANNUAL REPORT 2nd EDITION 2014

Office of Infectious Disease Assessment Unit (360) 236-3455 [www.doh.wa.gov/YouandYourFamily/IllnessandDisease/HIVAIDSData.aspx](http://www.doh.wa.gov/YouandYourFamily/IllnessandDisease/HIVAIDSData.aspx)

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**Publication Schedule:** This report reflects events occurring through December 31, 2013 and reported by December 31, 2014, unless otherwise stated. Reports are published twice a year.

## HIV IN WASHINGTON: AN OVERVIEW

- In Washington, the first case of AIDS was diagnosed in 1981.
- More than 19,500 people in Washington have been diagnosed with HIV disease. Over 6,500 people have died as a result of the disease.
- Recently, the number of new HIV cases in Washington has decreased slightly: 517 new cases per year, on average in 2009-2013.
- Treatment for HIV disease is both effective and widely available. Most people with HIV survive long after diagnosis.
- By the end of 2013, more than 12,000 people were reported to be living with HIV across Washington State.

Figure 1. Average HIV Rates by County, 2009-2013

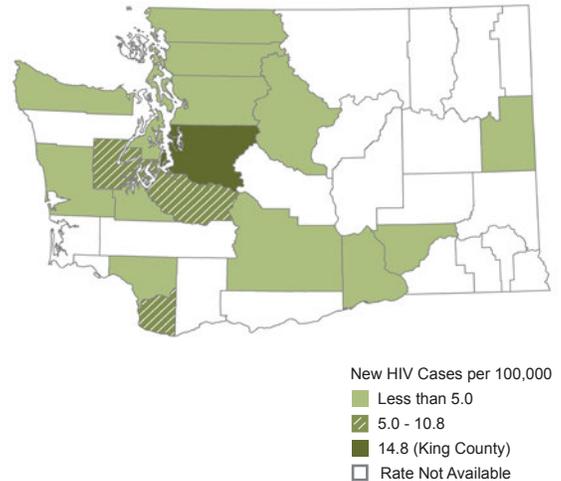


Figure 2. New HIV Cases, AIDS Cases, and Deaths from HIV or AIDS, 2004-2013

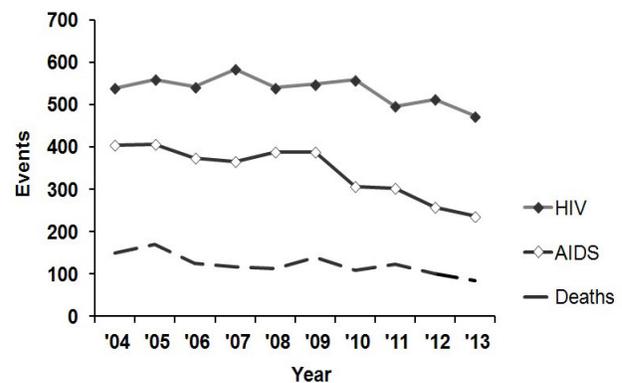
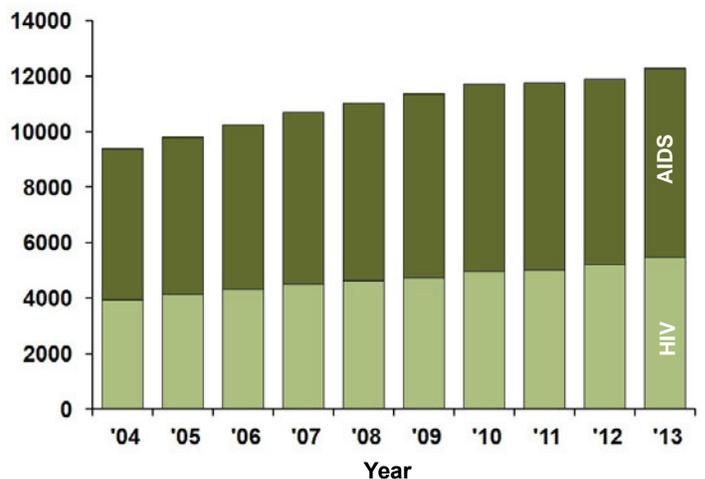


Figure 3. Living Cases of HIV Disease, 2004-2013



## ACKNOWLEDGEMENTS AND CONTACT INFORMATION

Our thanks to the health providers who care for people with HIV/AIDS, to our local health jurisdiction partners, and to the medical laboratories - all of whom work diligently to ensure the timely and complete reporting of cases. These data are used to support the allocation of HIV prevention and care resources, to conduct program planning and evaluation, and to educate the public about the HIV epidemic in Washington.

For more information, or to receive a copy of this report, please contact:

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## DEVELOPMENTS

### HIV/Hepatitis C Co-Infection in Washington State, 2004-2013

Hepatitis C virus (HCV) is the most common chronic blood-borne disease in the United States and is the leading cause of liver cancer. The Centers for Disease Control and Prevention (CDC) estimate that 25% of HIV-infected persons are co-infected with HCV. Individuals who are co-infected have higher rates of morbidity and mortality and are at an increased risk for accelerated progression of liver disease than individuals who are mono-infected with HIV or HCV. Co-infection is also associated with poor tolerance of antiretroviral therapy, increased risk of cardiovascular disease and diabetes.

From 2004-2013, approximately 7% of new HIV diagnoses (5,345) in Washington State were co-infected with HCV. Hepatitis C takes years to develop, so the actual count of HCV infections during this time frame is most likely higher as infections within the past 10-15 years may not yet be diagnosed or reported. This is also likely why the percentage of co-infection decreases from 2011 to 2013 (7% to 3%), as not enough time has lapsed for HCV to develop.

Among all new HIV diagnoses in men (4,515) and women (931) from 2011-2013, 11% of women were co-infected with HCV compared to 9% of men. HIV infection was diagnosed most often among 25-34 year olds and the percentage of co-infection was highest among 50-59 year olds. This time lag is also indicative of the time it takes for HCV to develop.

HCV/HIV co-infection varies among racial and ethnic groups in Washington. Among co-infected cases, non-Hispanic White was the most common race reported (60%). Non-Hispanic Blacks had the highest co-infection rates at 4.81 cases per 100,000 persons from 2005-2010. Non-Hispanic Whites had the lowest co-infection rates at approximately 0.65 cases per 100,000 for 2005-2010.

The most common mode of HIV transmission among female, co-infected cases was injection drug use (IDU). Sixty-one percent of female co-infected cases reported IDU as their HIV transmission source compared to 13% of female HIV mono-infected cases. While fewer co-infected males reported IDU as their HIV transmission category (24%), IDU as the main HIV transmission was reported nearly 5 times as often in co-infected males compared to HIV mono-infected males (5%). This increased odds and the large percentage of IDU as a HIV transmission category makes injection drug use a major concern for HIV/HCV co-infection.

*For more information about HIV/Hepatitis C Co-Infection in Washington State, contact Emily Haanschoten at (360) 236-3402, or Emily.Haanschoten@doh.wa.gov*

**HOW HIV SURVEILLANCE WORKS IN WASHINGTON STATE**

Health care providers, laboratories, and local health departments are required by law to report HIV- and AIDS-related information according to the requirements listed below. Identifying and reporting new HIV cases helps state and local health departments develop programs that reduce the spread of HIV. Case reporting also helps assure that people living with HIV receive treatment as early as possible, and that partners who have been exposed to the virus receive HIV testing. Federal funding for HIV prevention and treatment is based on case counts. Our state benefits the most when HIV surveillance is complete, accurate, and timely. Copies of the case report form can be found at the Department of Health website: <http://www.doh.wa.gov/notify/forms/>.

For federal funding purposes, all states and territories count HIV/AIDS cases in the same manner. An individual gets counted as an HIV case in the county in which he/she is residing at the time of his/her initial HIV diagnosis (not including a diagnosis made from an anonymous test). Once that person progresses to AIDS, he/she is counted as an AIDS case in the county

in which he/she is residing at the time of his/her AIDS diagnosis. An AIDS case is no longer counted as an HIV case. States are continually working with each other to ensure that cases are counted in only one state. Once a person is diagnosed with AIDS, he/she remains an AIDS case even if his/her health later improves. Within Washington State, county-level case counts can go down if we learn that a person's earliest diagnosis of HIV or AIDS actually occurred while he/she resided in another state or county. Also, a county's HIV case count can go down over time if their HIV cases progress to AIDS while residing outside the county.

For epidemiologic purposes, it is helpful to evaluate all cases of HIV and AIDS as part of one combined group: people who have been diagnosed with HIV disease. For this report, geographic assignment of a new HIV case is based on residence at the time of a person's initial HIV diagnosis, regardless of whether he/she later progressed to AIDS. Living cases are geographically assigned based on best available data regardless of where they were diagnosed.

**HIV/AIDS Reporting Requirements:**

REPORTING	ITEM TO REPORT	TIMELINE	TO WHOM
Health care providers	HIV or AIDS diagnosis	3 working days	Local health department
Health care facilities	HIV or AIDS diagnosis	3 working days	HIV to local health department AIDS to state health department
Laboratories	Any test result that indicates HIV infection (including a positive Western blot)	2 working days	Inside King Co.: Public Health-Seattle & King Co. (PHSKC) Outside King Co.: State health department
Laboratories	All CD4 results (absolute and %); all HIV viral load results	Monthly	Inside King Co.: PHSKC Outside King Co.: State health department
Local health departments	HIV and AIDS	Within 7 days of completion or 21 days of notification	State health department

**DEFINITIONS**

**AIDS:** Acquired Immune Deficiency Syndrome. An advanced stage of HIV disease which is defined by the existence of certain opportunistic illnesses or other clinical outcomes. The presence of AIDS usually suggests that a person has been HIV-positive for a many years.

**Case:** A person with HIV disease who has been diagnosed and reported to the health department while living in Washington. This report does not describe the results of anonymous HIV testing.

**Case Rate:** The number of reported cases divided by the number of people residing in a given area and presumed to be at risk for disease, based on population estimates. In this report, rates are described as cases per 100,000 residents.

**CD4 Count:** The concentration of a certain type of white blood cell circulating within a person’s body. CD4 count provides a good indication of a patient’s stage of HIV illness.

**Confidence Interval (CI):** A range of values within which the true value is likely to exist. In this report, we use 95% confidence intervals to describe the reliability of disease rates.

**Cumulative HIV Cases:** The total number of HIV cases ever reported, as of a specific point in time. Cumulative cases include people who are both living and deceased.

**Exposure Category:** The manner in which a case was most likely to have been infected by HIV, based on reported risk behaviors. Categories are arranged in a hierarchy. A case can only be assigned to one exposure category at any give time.

**Foreign-born:** This term is used to describe people born outside the United States. If information about country of birth is missing, a case is presumed to be foreign-born.

**Gender:** A person’s sex at birth, either male or female.

**HIV:** Human Immunodeficiency Virus. The virus that causes HIV disease, including AIDS.

**HIV/AIDS Deaths:** Deaths caused by HIV or AIDS. We use death certificate information to determine whether HIV or AIDS was a contributing factor in a patient’s death.

**HIV Diagnosis Date:** The earliest, documented date when a person was diagnosed with HIV disease, with or without AIDS.

**HIV Incidence:** The number of people newly infected with HIV during a specified time period, often a calendar year. We can only estimate HIV incidence. This report does not include estimates of HIV incidence.

**HIV Prevalence:** The total number of people living with HIV disease at a specific point in time. We can only estimate HIV prevalence. This report does not include estimates of HIV prevalence.

**HIV Surveillance:** The ongoing and systematic collection, evaluation, and dissemination of population-based information about people diagnosed with HIV disease.

**Late HIV Diagnosis:** This describes the event in which a case is diagnosed with AIDS within 12 months of HIV diagnosis. A late HIV diagnosis indicates that a person was probably not getting routinely tested for HIV before the diagnosis occurred.

**Living HIV Case:** A case of HIV disease that has been reported to the health department and is presumed living in Washington at a specific point in time. A living HIV case can also be described as a prevalent HIV case, regardless of where the person was initially diagnosed.

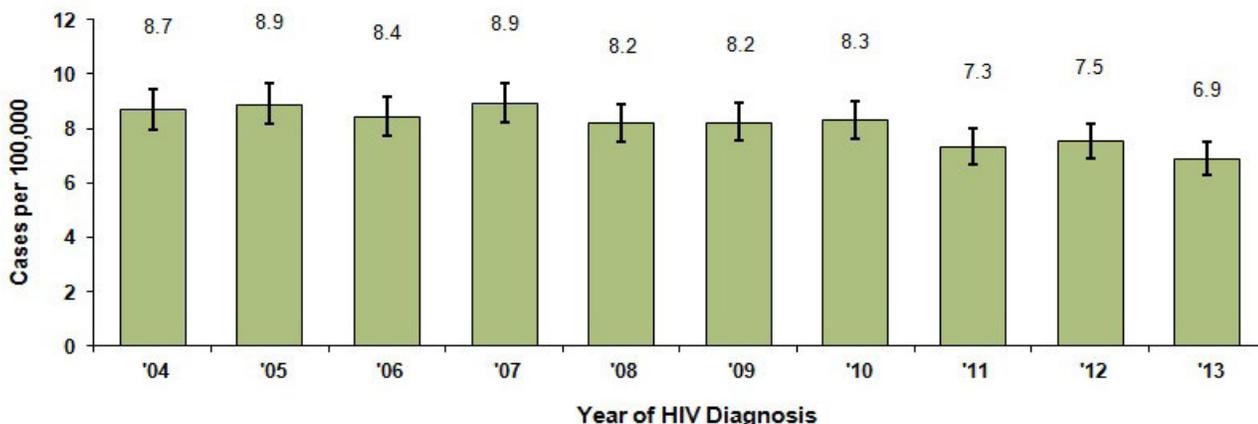
**New HIV Case:** A newly case of HIV disease, with or without AIDS, that has been diagnosed while living in Washington.

**Reporting Delay:** This refers to the length of time between when a case is diagnosed and when the case is reported to the health department. In Washington state, most cases are reported within 6 months.

**Viral Load:** This is the concentration of viral copies circulating within a person’s body. Viral load is a good indication of whether a person is receiving effective treatment for HIV disease.

**STATISTICS: NEW HIV CASES**

Figure 4. New HIV Case Rates by Year of HIV Diagnosis, 2004-2013



## STATISTICS: NEW HIV CASES (continued)

Table 1. New HIV Cases, 2008-2013

Year of HIV diagnosis:	Newly Diagnosed Cases of HIV Disease							Late HIV Diagnoses		
	2008 No.	2009 No.	2010 No.	2011 No.	2012 No.	2013 No.	2009-2013 No. %	Rate	2008-2012* %	
<b>Total</b>	540	548	558	496	512	473	2,587 100%	7.6	35%	
<b>Gender</b>										
Male	448	460	487	428	424	395	2,194 85%	13.0	36%	
Female	92	88	71	68	88	78	393 15%	2.3	30%	
<b>Age at HIV Diagnosis</b>										
< 13	3	10	10	6	8	8	42 2%	0.7	---	
13 - 24	79	81	74	67	80	73	375 14%	6.8	17%	
25 - 34	160	159	168	148	160	134	769 30%	16.3	28%	
35 - 44	156	144	156	126	132	135	693 27%	15.3	39%	
45 - 54	87	109	104	91	89	89	482 19%	9.8	49%	
55+	55	45	46	58	43	34	226 9%	2.6	57%	
<b>Race and Hispanic Origin</b>										
White	288	319	319	280	288	255	1,461 56%	6.0	33%	
Black	103	92	79	91	97	92	451 17%	38.5	34%	
Hispanic (all races)	94	87	105	76	63	78	409 16%	10.5	40%	
Asian	28	25	26	25	31	23	130 5%	5.4	46%	
Native Hawaiian / Pacific Islander	0	2	1	5	7	8	23 1%	11.5	---	
American Indian / Alaska Native	12	5	9	5	5	5	29 1%	6.5	64%	
Multiple Race	15	18	19	14	21	12	84 3%	6.7	29%	
Hispanic only:										
- White	33	31	33	40	28	37	169 7%	5.1	35%	
- Black	2	3	0	1	0	2	6 0%	---	---	
- Multiple / Other Race	3	8	9	3	4	3	27 1%	---	---	
- Unknown Race	56	45	63	32	31	36	207 8%	---	45%	
<b>Exposure Category by Gender</b>										
Male only:										
- Male / Male Sex (MSM)	302	319	349	296	280	272	1,516 59%	---	31%	
- Injecting Drug Use (IDU)	16	18	24	17	16	15	90 3%	---	52%	
- MSM and IDU	31	43	27	47	39	34	190 7%	---	28%	
- Heterosexual Contact	20	13	19	9	6	6	53 2%	---	67%	
- Pediatric	1	4	7	4	1	3	19 1%	---	---	
- Transfusion / Hemophiliac	0	0	0	0	0	0	0 0%	---	---	
- No Identified Risk	78	63	61	55	82	65	326 13%	---	55%	
Female only:										
- Injecting Drug Use	10	9	9	13	7	6	44 2%	---	25%	
- Heterosexual Contact	65	61	49	31	33	34	208 8%	---	33%	
- Pediatric	1	7	3	2	2	1	15 1%	---	---	
- Transfusion / Hemophiliac	1	0	0	0	0	0	0 0%	---	---	
- No Identified Risk	15	11	10	22	46	37	126 5%	---	29%	

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

\*Late HIV diagnoses based on new HIV cases diagnosed between 2008 and 2012

**STATISTICS: NEW HIV CASES (continued)**

**Table 2. New HIV Cases by Foreign-Born Status and Other Select Characteristics, 2009-2013**

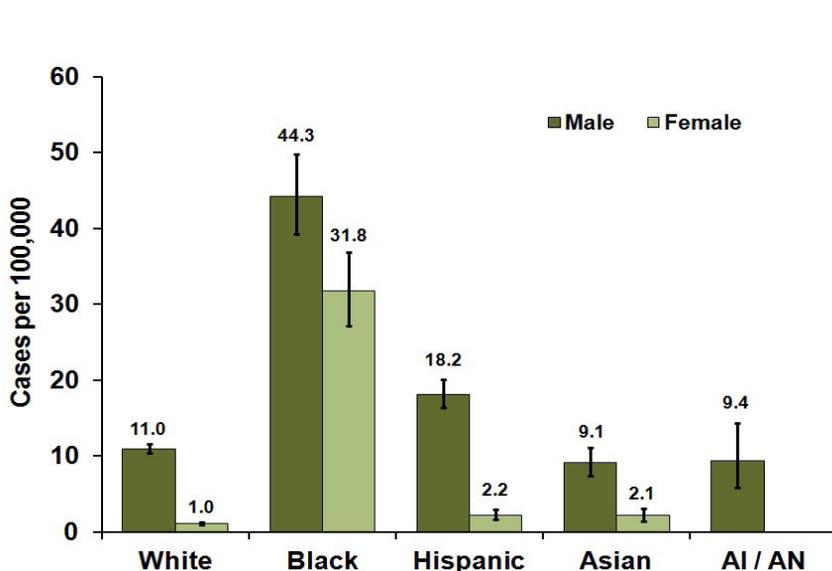
Characteristic:	Proportion of Cases with Select Characteristic at HIV Diagnosis						Total	
	Male %	Age > 34 years %	MSM %	Hetero- sexual %	Late HIV Diagnosis* %	Live in King Co. %	No.	%
<b>U.S.-Born</b>								
White	91%	57%	79%	6%	34%	58%	1,253	73%
Black	83%	40%	64%	18%	32%	57%	214	12%
Hispanic (all races)	90%	34%	81%	7%	30%	59%	122	7%
Asian	83%	56%	83%	0%	39%	72%	18	1%
Native Hawaiian / Pacific Islander	75%	25%	75%	25%	63%	50%	8	0%
American Indian / Alaska Native	71%	57%	36%	25%	82%	29%	28	2%
Multiple Race	90%	38%	75%	10%	26%	57%	72	4%
<b>Total</b>	<b>90%</b>	<b>52%</b>	<b>77%</b>	<b>8%</b>	<b>34%</b>	<b>57%</b>	<b>1,715</b>	<b>100%</b>
<b>Foreign-Born**</b>								
White	89%	58%	65%	9%	32%	85%	66	10%
Black	42%	60%	6%	25%	40%	65%	214	34%
Hispanic (all races)	90%	50%	60%	13%	49%	56%	230	37%
Asian	77%	59%	37%	14%	51%	59%	103	16%
Native Hawaiian / Pacific Islander	75%	42%	50%	25%	17%	50%	12	2%
American Indian / Alaska Native	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0%
Multiple Race	40%	40%	20%	60%	40%	40%	5	1%
<b>Total</b>	<b>70%</b>	<b>56%</b>	<b>38%</b>	<b>17%</b>	<b>44%</b>	<b>63%</b>	<b>630</b>	<b>100%</b>

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

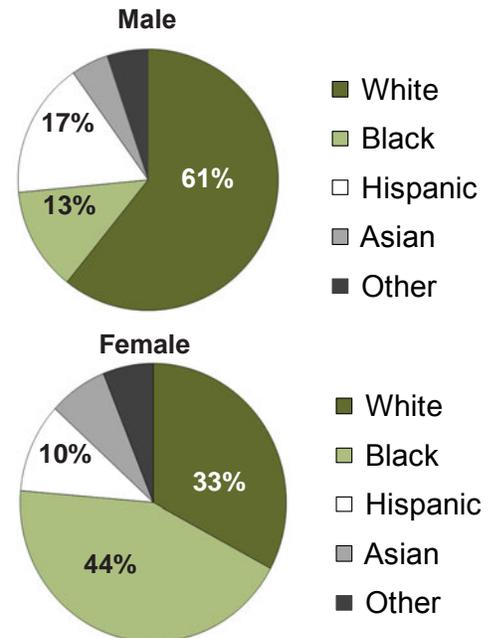
\*Late HIV diagnoses based on new HIV cases diagnosed between 2008 and 2012

\*\*Section excludes 242 cases for which we do not have information about their foreign-born status.

**Figure 5. New HIV Case Rates by Race/Ethnicity and Gender, Washington State, 2009-2013**



**Figure 6. New HIV Cases by Gender and Race/Ethnicity, 2009-2013**



## STATISTICS: NEW HIV CASES (continued)

Table 3. New HIV Cases by County and Combined Local Health District (HD)

Year of HIV diagnosis:	Newly Diagnosed Cases of HIV Disease									Cumulative Diagnoses		Late HIV Diagnoses
	2008	2009	2010	2011	2012	2013	2009-2013		1981-2013	2008-2012		
	No.	No.	No.	No.	No.	No.	No.	%	Rate	No.	%	
Adams Co.	0	1	0	1	0	0	2	0%	---	8	0%	---
Asotin Co.	1	2	2	1	0	1	6	0%	---	27	0%	---
Benton Co.	1	7	7	12	5	7	38	1%	4.3	153	1%	38%
Benton-Franklin HD	6	13	11	13	7	7	51	2%	4.0	241	1%	42%
Chelan Co.	1	3	5	4	3	3	18	1%	4.9	84	0%	---
Chelan-Douglas HD	1	4	7	5	3	4	23	1%	4.1	95	0%	---
Clallam Co.	2	3	1	3	4	3	14	1%	3.9	89	0%	---
Clark Co.	17	22	29	28	27	27	133	5%	6.2	784	4%	49%
Columbia Co.	0	0	0	0	0	0	0	0%	---	6	0%	---
Cowlitz Co.	5	4	5	4	4	2	19	1%	3.7	161	1%	---
Douglas Co.	0	1	2	1	0	1	5	0%	---	11	0%	---
Ferry Co.	0	0	0	0	0	1	1	0%	---	8	0%	---
Franklin Co.	5	6	4	1	2	0	13	1%	3.2	88	0%	---
Garfield Co.	0	0	0	0	0	0	0	0%	---	1	0%	---
Grant Co.	3	1	3	3	3	0	10	0%	---	58	0%	---
Grays Harbor Co.	6	1	5	4	6	1	17	1%	4.7	103	1%	---
Island Co.	3	8	3	1	3	1	16	1%	4.1	94	0%	---
Jefferson Co.	0	0	0	0	1	1	2	0%	---	39	0%	---
King Co.	313	302	324	270	288	259	1,443	56%	14.8	12,251	62%	31%
Kitsap Co.	7	10	2	7	11	7	37	1%	2.9	340	2%	38%
Kittitas Co.	0	0	0	0	0	2	2	0%	---	27	0%	---
Klickitat Co.	0	0	0	0	1	0	1	0%	---	17	0%	---
Lewis Co.	2	4	0	5	1	1	11	0%	---	68	0%	---
Lincoln Co.	0	0	0	0	0	0	0	0%	---	4	0%	---
Mason Co.	8	3	11	7	9	3	33	1%	10.8	141	1%	37%
NE Tri-County HD	1	1	0	1	0	4	6	0%	---	49	0%	---
Okanogan Co.	3	4	0	1	3	0	8	0%	---	45	0%	---
Pacific Co.	1	1	0	0	2	0	3	0%	---	34	0%	---
Pend Oreille Co.	0	0	0	0	0	0	0	0%	---	9	0%	---
Pierce Co.	58	62	61	57	53	61	294	11%	7.3	1,827	9%	31%
San Juan Co.	1	1	2	0	0	2	5	0%	---	32	0%	---
Skagit Co.	4	1	4	5	4	9	23	1%	3.9	116	1%	---
Skamania Co.	0	1	0	0	0	0	1	0%	---	9	0%	---
Snohomish Co.	36	42	33	32	39	31	177	7%	4.9	1,155	6%	45%
Spokane Co.	26	19	24	25	25	21	114	4%	4.8	824	4%	45%
Stevens Co.	1	1	0	1	0	3	5	0%	---	32	0%	---
Thurston Co.	9	12	12	7	4	9	44	2%	3.5	310	2%	34%
Wahkiakum Co.	0	0	0	0	0	1	1	0%	---	4	0%	---
Walla Walla Co.	3	0	0	0	3	0	3	0%	---	68	0%	---
Whatcom Co.	10	8	1	7	4	9	29	1%	2.9	259	1%	47%
Whitman Co.	2	1	1	1	0	0	3	0%	---	23	0%	---
Yakima Co.	12	17	17	8	7	7	56	2%	4.6	303	2%	54%
<b>Statewide Total</b>	<b>540</b>	<b>548</b>	<b>558</b>	<b>496</b>	<b>512</b>	<b>473</b>	<b>2,587</b>	<b>100%</b>	<b>7.6</b>	<b>19,612</b>	<b>100%</b>	<b>35%</b>

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

Note: Percentages (%) are rounded to the nearest whole number. Actual values may be less than they appear (e.g., 0.7% = "1%").

## STATISTICS: NEW HIV CASES (continued)

Table 4. First CD4 Test Results among New HIV Cases, 2009-2013

CD4 count, cells/ $\mu$ L:	Stage of Infection at HIV Diagnosis (among cases with CD4 information)				Median CD4 Count cells/ $\mu$ L	Cases with CD4 Information		Total Cases No.
	$\geq 500$	350-499	200-349	< 200		No.	% of total	
	%	%	%	%				
<b>Total</b>	32%	21%	19%	28%	365	2,230	86%	2,587
<b>Gender</b>								
Male	31%	21%	19%	29%	365	1,886	86%	2,194
Female	33%	22%	19%	26%	366	344	88%	393
<b>Age at HIV Diagnosis</b>								
< 13	94%	3%	3%	0%	856	33	79%	42
13 - 24	39%	29%	19%	12%	422	294	78%	375
25 - 34	34%	23%	21%	22%	397	655	85%	769
35 - 44	30%	22%	20%	29%	358	628	91%	693
45 - 54	24%	15%	19%	41%	262	426	88%	482
55+	23%	13%	15%	49%	214	194	86%	226
<b>Race and Hispanic Origin</b>								
White	35%	21%	17%	27%	387	1,268	87%	1,461
Black	31%	21%	21%	28%	355	370	82%	451
Hispanic (all races)	24%	20%	23%	33%	299	358	88%	409
Asian	21%	19%	27%	32%	288	117	90%	130
Native Hawaiian / Pacific Islander	0%	17%	28%	56%	168	18	78%	23
American Indian / Alaska Native	32%	20%	12%	36%	388	25	86%	29
Multiple Race	34%	22%	22%	23%	364	74	88%	84
Hispanic only:								
- White	30%	19%	26%	26%	329	148	88%	169
- Black	20%	0%	20%	60%	182	5	83%	6
- Multiple / Other Race	40%	20%	10%	30%	397	20	74%	27
- Unknown Race	17%	21%	23%	38%	283	185	89%	207
<b>Exposure Category by Gender</b>								
Male only:								
- Male / Male Sex (MSM)	34%	23%	19%	25%	387	1,314	87%	1,516
- Injecting Drug Use (IDU)	22%	14%	18%	47%	253	79	88%	90
- MSM and IDU	38%	26%	21%	15%	428	164	86%	190
- Heterosexual Contact	13%	16%	20%	51%	198	45	85%	53
- Pediatric	80%	7%	7%	7%	875	15	79%	19
- Transfusion / Hemophiliac	---	---	---	---	---	0	---	0
- No Identified Risk	19%	11%	19%	51%	196	269	83%	326
Female only:								
- Injecting Drug Use	46%	17%	20%	17%	473	41	93%	44
- Heterosexual Contact	31%	20%	22%	27%	408	178	86%	208
- Pediatric	83%	0%	8%	8%	765	12	80%	15
- Transfusion / Hemophiliac	0%	0%	0%	0%	---	0	---	0
- No Identified Risk	27%	28%	14%	30%	361	113	90%	126

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

## STATISTICS: NEW HIV CASES (continued)

**Table 5. First CD4 Test Results among New HIV Cases, by County and Combined Local Health District (HD), 2009-2013**

CD4 count, cells/ $\mu$ L:	Stage of Infection at HIV Diagnosis (among cases with CD4 information)				Median CD4 Count	Cases with CD4 Information		Total Cases
	$\geq 500$	350-499	200-349	< 200		No.	% of total	
	%	%	%	%	cells/ $\mu$ L			No.
Adams Co.	0%	0%	50%	50%	110	2	100%	2
Asotin Co.	50%	0%	33%	17%	426	6	100%	6
Benton Co.	26%	29%	9%	37%	364	35	92%	38
Benton-Franklin HD	24%	28%	11%	37%	361	46	90%	51
Chelan Co.	17%	22%	11%	50%	205	18	100%	18
Chelan-Douglas HD	17%	22%	13%	48%	255	23	100%	23
Clallam Co.	27%	27%	9%	36%	402	11	79%	14
Clark Co.	26%	15%	21%	39%	252	109	82%	133
Columbia Co.	---	---	---	---	---	0	---	0
Cowlitz Co.	15%	15%	46%	23%	246	13	68%	19
Douglas Co.	20%	20%	20%	40%	287	5	100%	5
Ferry Co.	---	---	---	---	---	0	0%	1
Franklin Co.	18%	27%	18%	36%	272	11	85%	13
Garfield Co.	---	---	---	---	---	0	---	0
Grant Co.	33%	33%	11%	22%	396	9	90%	10
Grays Harbor Co.	25%	8%	8%	58%	157	12	71%	17
Island Co.	33%	17%	8%	42%	357	12	75%	16
Jefferson Co.	0%	0%	100%	0%	255	1	50%	2
King Co.	33%	23%	19%	24%	386	1,324	92%	1,443
Kitsap Co.	26%	19%	26%	29%	343	31	84%	37
Kittitas Co.	0%	0%	50%	50%	177	2	100%	2
Klickitat Co.	0%	0%	0%	100%	4	1	100%	1
Lewis Co.	33%	22%	22%	22%	441	9	82%	11
Lincoln Co.	---	---	---	---	---	0	---	0
Mason Co.	33%	8%	29%	29%	297	24	73%	33
NE Tri-County HD	0%	0%	33%	67%	24	3	50%	6
Okanogan Co.	17%	0%	0%	83%	10	6	75%	8
Pacific Co.	0%	0%	50%	50%	258	2	67%	3
Pend Oreille Co.	---	---	---	---	---	0	---	0
Pierce Co.	34%	21%	14%	31%	367	191	65%	294
San Juan Co.	40%	0%	20%	40%	242	5	100%	5
Skagit Co.	38%	29%	14%	19%	391	21	91%	23
Skamania Co.	0%	0%	100%	0%	315	1	100%	1
Snohomish Co.	28%	16%	28%	29%	313	159	90%	177
Spokane Co.	27%	17%	17%	40%	281	101	89%	114
Stevens Co.	0%	0%	33%	67%	24	3	60%	5
Thurston Co.	50%	14%	11%	25%	484	36	82%	44
Wahkiakum Co.	100%	0%	0%	0%	956	1	100%	1
Walla Walla Co.	0%	0%	50%	50%	162	2	67%	3
Whatcom Co.	33%	11%	17%	39%	341	18	62%	29
Whitman Co.	33%	0%	33%	33%	212	3	100%	3
Yakima Co.	24%	11%	20%	46%	241	46	82%	56
<b>Statwide Total</b>	<b>32%</b>	<b>21%</b>	<b>19%</b>	<b>28%</b>	<b>365</b>	<b>2,230</b>	<b>86%</b>	<b>2,587</b>

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

STATISTICS: PEOPLE LIVING WITH HIV<sup>^</sup>**Table 6. People Living with HIV Disease as of December 31, 2013**

	HIV (not AIDS)			AIDS			All Cases of HIV Disease		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
<b>Total</b>	5,446	100%	79.1	6,829	100%	99.2	12,275	100%	178.4
<b>Gender</b>									
Male	4,628	85%	135.0	5,909	87%	172.3	10,537	86%	307.3
Female	818	15%	23.7	920	13%	26.6	1,738	14%	50.3
<b>Current Age</b>									
< 13	43	1%	3.8	4	0%	1.0	47	0%	5.8
13 - 24	227	4%	24.9	67	1%	22.2	294	2%	88.3
25 - 34	1,085	20%	112.3	513	8%	97.3	1,598	13%	238.1
35 - 44	1,444	27%	162.1	1,492	22%	247.0	2,936	24%	430.0
45 - 54	1,674	31%	172.5	2,802	41%	245.0	4,476	36%	372.2
55+	973	18%	53.1	1,951	29%	73.6	2,924	24%	110.2
<b>Race and Hispanic Origin*</b>									
White	3,544	65%	72.2	4,340	64%	88.4	7,884	64%	160.6
Black	883	16%	367.1	1,091	16%	453.6	1,974	16%	820.7
Hispanic (all races)	648	12%	78.3	910	13%	109.9	1,558	13%	188.2
Asian	161	3%	31.7	223	3%	43.9	384	3%	75.6
Native Hawaiian / Pacific Islander	25	0%	59.5	36	1%	85.6	61	0%	145.1
American Indian / Alaska Native	57	1%	63.6	91	1%	101.5	148	1%	165.0
Multiple Race	122	2%	45.7	133	2%	49.8	255	2%	95.5
Hispanic only:									
- White	278	5%	39.3	281	4%	39.6	559	5%	78.9
- Black	13	0%	---	25	0%	106.4	38	0%	164.0
- Multiple / Other Race	39	1%	---	29	0%	---	68	1%	---
- Unknown Race	318	6%	---	575	8%	---	893	7%	---
<b>Exposure Category by Gender</b>									
Male only:									
- Male / Male Sex (MSM)	3,507	64%	---	4,018	59%	---	7,525	61%	---
- Injecting Drug Use (IDU)	173	3%	---	363	5%	---	536	4%	---
- MSM and IDU	441	8%	---	660	10%	---	1,101	9%	---
- Heterosexual Contact	126	2%	---	291	4%	---	417	3%	---
- Pediatric	26	0%	---	17	0%	---	43	0%	---
- Transfusion / Hemophiliac	7	0%	---	30	0%	---	37	0%	---
- No Identified Risk	348	6%	---	530	8%	---	878	7%	---
Female only:									
- Injecting Drug Use	113	2%	---	177	3%	---	290	2%	---
- Heterosexual Contact	511	9%	---	621	9%	---	1,132	9%	---
- Pediatric	37	1%	---	16	0%	---	53	0%	---
- Transfusion / Hemophiliac	5	0%	---	12	0%	---	17	0%	---
- No Identified Risk	152	3%	---	94	1%	---	246	2%	---

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

\* Section excludes 11 cases (6 with HIV, 5 with AIDS) for which we do not have information about race or ethnicity.

<sup>^</sup>Based on new calculation method. See definition of "Living HIV Case" on page 4 for more details.

STATISTICS: PEOPLE LIVING WITH HIV^ (continued)

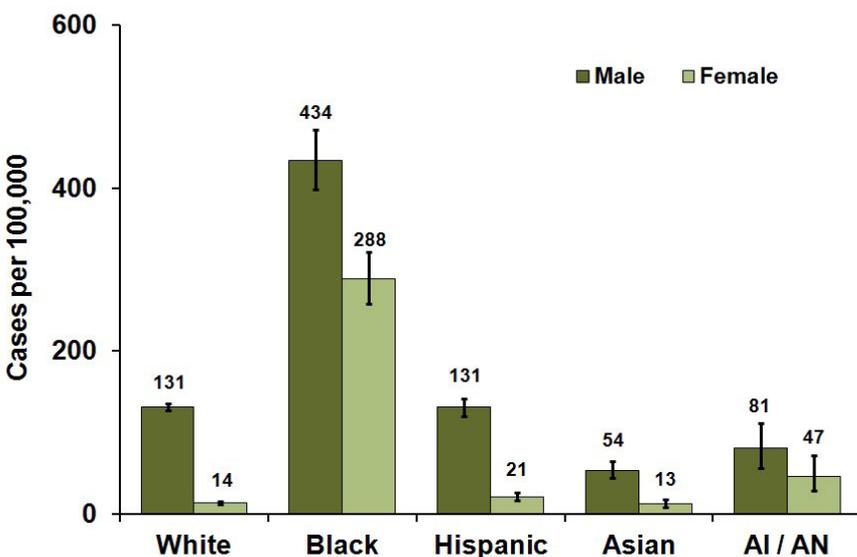
**Table 7. Living HIV Cases\* by Exposure Category, Gender and Race/Ethnicity, as of December 31, 2013**

Exposure category	White		Black		Hispanic		Asian		American Indian / Alaska Native	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Males:</b>										
Male / Male Sex (MSM)	5,494	77%	657	50%	912	67%	205	67%	52	52%
Injecting Drug Use (IDU)	329	5%	100	8%	73	5%	9	3%	12	12%
MSM and IDU	819	11%	95	7%	116	8%	10	3%	20	20%
Heterosexual Contact	144	2%	167	13%	81	6%	12	4%	7	7%
Pediatric	10	0%	24	2%	4	0%	1	0%	1	1%
Transfusion / Hemophiliac	31	0%	4	0%	2	0%	0	0%	0	0%
No Identified Risk	336	5%	267	20%	183	13%	68	22%	8	8%
<b>Total Males</b>	<b>7,163</b>	<b>100%</b>	<b>1,314</b>	<b>100%</b>	<b>1,371</b>	<b>100%</b>	<b>305</b>	<b>100%</b>	<b>100</b>	<b>100%</b>
<b>Females:</b>										
Injecting Drug Use (IDU)	185	26%	62	9%	19	10%	3	4%	12	25%
Heterosexual Contact	453	63%	427	65%	135	72%	56	71%	32	67%
Pediatric	12	2%	32	5%	7	4%	2	3%	0	0%
Transfusion / Hemophiliac	5	1%	8	1%	1	1%	3	4%	0	0%
No Identified Risk	66	9%	131	20%	25	13%	15	19%	4	8%
<b>Total Females</b>	<b>721</b>	<b>100%</b>	<b>660</b>	<b>100%</b>	<b>187</b>	<b>100%</b>	<b>79</b>	<b>100%</b>	<b>48</b>	<b>100%</b>

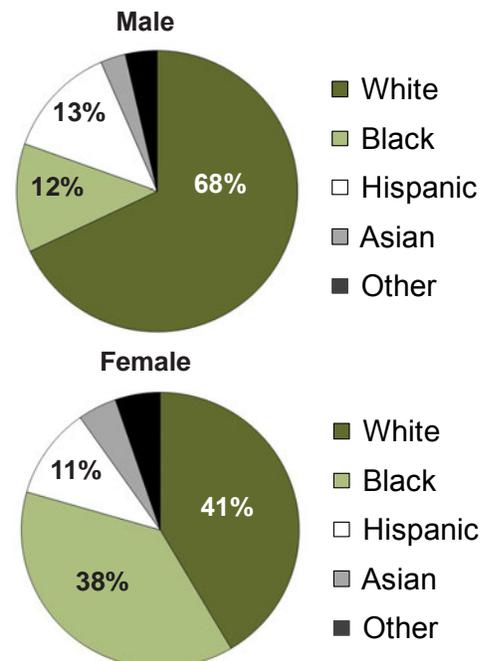
All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

\* Table excludes 61 Native Hawaiian and Pacific Islander cases due to small numbers. Also excluded are 255 cases reported as belonging to more than one racial or ethnic group, and 11 cases that are missing any information about race or ethnicity.

**Figure 7. Living HIV Case Rates by Race/Ethnicity and Gender, as of December 31, 2013**



**Figure 8. Living HIV Cases by Gender and Race/Ethnicity, as of December 31, 2013**



^Based on new calculation method. See definition of "Living HIV Case" on page 4 for more details.

## STATISTICS: PEOPLE LIVING WITH HIV^ (continued)

**Table 8. People Living with HIV Disease by County and Combined Local Health District (HD), as of December 31, 2013**

	HIV (not AIDS)			AIDS			All Cases of HIV Disease		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
Adams Co.	3	0%	---	12	0%	62.0	15	0%	77.5
Asotin Co.	8	0%	---	15	0%	68.9	23	0%	105.7
Benton Co.	59	1%	32.1	69	1%	37.5	128	1%	69.6
Benton-Franklin HD	84	2%	31.2	112	2%	41.6	196	2%	72.8
Chelan Co.	22	0%	29.9	29	0%	39.4	51	0%	69.2
Chelan-Douglas HD	26	0%	22.9	35	1%	30.9	61	0%	53.8
Clallam Co.	30	1%	41.4	35	1%	48.3	65	1%	89.7
Clark Co.	277	5%	63.6	352	5%	80.8	629	5%	144.4
Columbia Co.	1	0%	---	3	0%	---	4	0%	---
Cowlitz Co.	47	1%	45.3	62	1%	59.8	109	1%	105.1
Douglas Co.	4	0%	---	6	0%	---	10	0%	---
Ferry Co.	3	0%	---	3	0%	---	6	0%	---
Franklin Co.	25	0%	29.2	43	1%	50.2	68	1%	79.4
Garfield Co.	0	0%	---	1	0%	---	1	0%	---
Grant Co.	16	0%	17.2	36	1%	38.7	52	0%	55.9
Grays Harbor Co.	23	0%	31.3	46	1%	62.7	69	1%	94.0
Island Co.	35	1%	44.1	35	1%	44.1	70	1%	88.3
Jefferson Co.	10	0%	---	19	0%	62.5	29	0%	95.4
King Co.	3,104	57%	157.0	3,686	54%	186.4	6,790	55%	343.3
Kitsap Co.	116	2%	45.3	149	2%	58.2	265	2%	103.5
Kittitas Co.	5	0%	---	18	0%	42.7	23	0%	54.5
Klickitat Co.	9	0%	---	6	0%	---	15	0%	72.6
Lewis Co.	15	0%	19.5	34	0%	44.3	49	0%	63.8
Lincoln Co.	0	0%	---	3	0%	---	3	0%	---
Mason Co.	43	1%	68.9	57	1%	91.4	100	1%	160.3
NE Tri-County HD	12	0%	18.5	16	0%	24.7	28	0%	43.2
Okanogan Co.	14	0%	33.6	29	0%	69.6	43	0%	103.2
Pacific Co.	12	0%	57.1	19	0%	90.4	31	0%	147.6
Pend Oreille Co.	0	0%	---	6	0%	---	6	0%	---
Pierce Co.	614	11%	75.8	697	10%	86.0	1,311	11%	161.8
San Juan Co.	10	0%	---	16	0%	99.7	26	0%	162.0
Skagit Co.	32	1%	26.9	50	1%	42.0	82	1%	68.9
Skamania Co.	1	0%	---	3	0%	---	4	0%	---
Snohomish Co.	383	7%	52.4	541	8%	74.0	924	8%	126.4
Spokane Co.	208	4%	43.2	283	4%	58.8	491	4%	101.9
Stevens Co.	9	0%	---	7	0%	---	16	0%	36.4
Thurston Co.	116	2%	44.4	155	2%	59.3	271	2%	103.8
Wahkiakum Co.	2	0%	---	2	0%	---	4	0%	---
Walla Walla Co.	15	0%	25.2	34	0%	57.2	49	0%	82.5
Whatcom Co.	81	1%	39.4	121	2%	58.9	202	2%	98.3
Whitman Co.	7	0%	---	11	0%	---	18	0%	38.9
Yakima Co.	87	2%	35.0	136	2%	54.8	223	2%	89.8
<b>Statewide Total</b>	<b>5,446</b>	<b>100%</b>	<b>79.1</b>	<b>6,829</b>	<b>100%</b>	<b>99.2</b>	<b>12,275</b>	<b>100%</b>	<b>178.4</b>

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

Note: Percentages (%) are rounded to the nearest whole number. Actual values may be less than they appear (e.g. 0.7% = "1%").

^Based on new calculation method. See definition of "Living HIV Case" on page 4 for more details.

STATISTICS: PEOPLE LIVING WITH HIV<sup>^</sup> (continued)**Table 9. Viral Load Test Results (Last 12 Months) among Living HIV Cases, as of December 31, 2013**

Viral Load, copies/mL:	Viral Load (VL) Results in 2013 (among cases with VL information)			Suppressed VL among Total Cases in 2013	Cases with a Viral Load Result in 2013		Total Cases No.
	High VL ≥ 100,000	201 - 99,999	Suppressed VL ≤ 200		No.	% of total	
	%	%	%				
<b>Total</b>	2%	10%	87%	67%	9,406	77%	12,275
<b>Gender</b>							
Male	2%	10%	88%	67%	8,072	77%	10,537
Female	2%	13%	85%	65%	1,334	77%	1,738
<b>Current Age</b>							
< 13	2%	9%	89%	87%	46	98%	47
13 - 24	6%	21%	72%	57%	232	79%	294
25 - 34	4%	18%	77%	59%	1,212	76%	1,598
35 - 44	2%	12%	85%	65%	2,227	76%	2,936
45 - 54	2%	9%	89%	69%	3,457	77%	4,476
55+	1%	5%	93%	71%	2,232	76%	2,924
<b>Race and Hispanic Origin*</b>							
White	2%	9%	89%	70%	6,206	79%	7,884
Black	2%	14%	84%	62%	1,461	74%	1,974
Hispanic (all races)	3%	11%	85%	58%	1,065	68%	1,558
Asian	0%	7%	93%	74%	306	80%	384
Native Hawaiian / Pacific Islander	9%	15%	76%	57%	46	75%	61
American Indian / Alaska Native	1%	13%	86%	65%	112	76%	148
Multiple Race	4%	17%	79%	63%	202	79%	255
Hispanic only:							
- White	4%	13%	83%	60%	401	72%	559
- Black	3%	24%	72%	55%	29	76%	38
- Multiple / Other Race	0%	20%	80%	57%	49	72%	68
- Unknown Race	3%	9%	88%	58%	586	66%	893
<b>Exposure Category by Gender</b>							
Male only:							
- Male / Male Sex (MSM)	2%	9%	90%	70%	5,907	78%	7,525
- Injecting Drug Use (IDU)	3%	13%	84%	57%	364	68%	536
- MSM and IDU	5%	15%	80%	63%	871	79%	1,101
- Heterosexual Contact	2%	9%	89%	62%	289	69%	417
- Pediatric	3%	27%	70%	60%	37	86%	43
- Transfusion / Hemophiliac	0%	0%	100%	81%	30	81%	37
- No Identified Risk	3%	11%	86%	56%	574	65%	878
Female only:							
- Injecting Drug Use	6%	21%	73%	53%	212	73%	290
- Heterosexual Contact	1%	12%	87%	68%	881	78%	1,132
- Pediatric	0%	13%	87%	75%	46	87%	53
- Transfusion / Hemophiliac	0%	9%	91%	59%	11	65%	17
- No Identified Risk	3%	12%	85%	64%	184	75%	246

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

\* Section excludes 11 cases for which we do not have information about race or ethnicity.

<sup>^</sup>Based on new calculation method. See definition of "Living HIV Case" on page 4 for more details.

STATISTICS: PEOPLE LIVING WITH HIV<sup>^</sup> (continued)**Table 10. Viral Load Test Results (Last 12 Months) by County and Combined Local Health District, as of December 31, 2013**

Viral Load, copies/mL:	Viral Load (VL) Results in 2013 (among cases with VL information)			Suppressed VL among Total Cases in 2013	Cases with a Viral Load Result in 2013		Total Cases No.
	High VL	Suppressed VL			No.	% of total	
	≥ 100,000	201 - 99,999	≤ 200				
	%	%	%	%			No.
Adams Co.	8%	23%	69%	60%	13	87%	15
Asotin Co.	0%	6%	94%	74%	18	78%	23
Benton Co.	6%	4%	90%	63%	90	70%	128
Benton-Franklin HD	4%	8%	88%	62%	137	70%	196
Chelan Co.	5%	16%	78%	57%	37	73%	51
Chelan-Douglas HD	7%	14%	79%	56%	43	70%	61
Clallam Co.	0%	8%	92%	68%	48	74%	65
Clark Co.	3%	13%	85%	47%	352	56%	629
Columbia Co.	0%	0%	100%	75%	3	75%	4
Cowlitz Co.	3%	19%	78%	42%	59	54%	109
Douglas Co.	17%	0%	83%	50%	6	60%	10
Ferry Co.	0%	0%	100%	50%	3	50%	6
Franklin Co.	0%	15%	85%	59%	47	69%	68
Garfield Co.	0%	0%	100%	100%	1	100%	1
Grant Co.	0%	15%	85%	63%	39	75%	52
Grays Harbor Co.	0%	8%	92%	64%	48	70%	69
Island Co.	0%	4%	96%	64%	47	67%	70
Jefferson Co.	5%	5%	90%	66%	21	72%	29
King Co.	2%	10%	87%	71%	5,544	82%	6,790
Kitsap Co.	2%	9%	89%	60%	179	68%	265
Kittitas Co.	0%	0%	100%	65%	15	65%	23
Klickitat Co.	0%	14%	86%	40%	7	47%	15
Lewis Co.	0%	10%	90%	57%	31	63%	49
Lincoln Co.	0%	0%	100%	33%	1	33%	3
Mason Co.	0%	12%	88%	52%	59	59%	100
NE Tri-County HD	0%	5%	95%	68%	20	71%	28
Okanogan Co.	7%	7%	86%	56%	28	65%	43
Pacific Co.	5%	5%	90%	61%	21	68%	31
Pend Oreille Co.	0%	0%	100%	67%	4	67%	6
Pierce Co.	3%	11%	86%	60%	922	70%	1,311
San Juan Co.	5%	5%	89%	65%	19	73%	26
Skagit Co.	6%	24%	70%	43%	50	61%	82
Skamania Co.	0%	0%	100%	75%	3	75%	4
Snohomish Co.	2%	8%	90%	73%	750	81%	924
Spokane Co.	2%	10%	88%	70%	391	80%	491
Stevens Co.	0%	8%	92%	75%	13	81%	16
Thurston Co.	2%	11%	87%	63%	197	73%	271
Wahkiakum Co.	0%	0%	100%	75%	3	75%	4
Walla Walla Co.	0%	4%	96%	53%	27	55%	49
Whatcom Co.	2%	5%	93%	57%	124	61%	202
Whitman Co.	0%	8%	92%	61%	12	67%	18
Yakima Co.	2%	5%	93%	73%	174	78%	223
<b>Statewide Total</b>	<b>2%</b>	<b>10%</b>	<b>87%</b>	<b>67%</b>	<b>9,406</b>	<b>77%</b>	<b>12,275</b>

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.

<sup>^</sup>Based on new calculation method. See definition of "Living HIV Case" on page 4 for more details.

## STATISTICS: AIDS CASES AND HIV DEATHS

**Table 11. AIDS Cases and Deaths from HIV or AIDS**

	Recent AIDS Cases			Cumulative AIDS Cases		Cumulative HIV/AIDS Deaths	
	2009-2013			1981-2013		1981-2013	
	No.	%	Rate	No.	%	No.	%
<b>Total</b>	1,490	100%	4.4	13,957	100%	6,564	100%
<b>Gender</b>							
Male	1,265	85%	7.5	12,549	90%	6,059	92%
Female	225	15%	1.3	1,408	10%	505	8%
<b>Age at AIDS Diagnosis</b>						<b>Age at Death</b>	
< 13	1	0%	0.0	32	0%	15	0%
13 - 24	82	6%	1.5	557	4%	67	1%
25 - 34	343	23%	7.3	4,643	33%	1,554	24%
35 - 44	434	29%	9.6	5,355	38%	2,657	40%
45 - 54	431	29%	8.8	2,427	17%	1,446	22%
55+	199	13%	2.3	943	7%	825	13%
<b>Race and Hispanic Origin</b>							
White	852	57%	3.5	10,124	73%	5,206	79%
Black	265	18%	22.6	1,719	12%	624	10%
Hispanic (all races)	220	15%	5.7	1,282	9%	405	6%
Asian	70	5%	2.9	295	2%	76	1%
Native Hawaiian / Pacific	13	1%	6.5	49	0%	16	0%
American Indian / Alaska Native	18	1%	4.0	218	2%	100	2%
Multiple or Unknown Race	52	3%	4.2	270	2%	137	2%
Hispanic only:							
- White	86	6%	2.6	396	3%	150	2%
- Black	5	0%	---	39	0%	17	0%
- Multiple / Other Race	11	1%	---	46	0%	18	0%
- Unknown Race	118	8%	---	801	6%	220	3%
<b>Exposure Category by Gender</b>							
Male only:							
- Male / Male Sex (MSM)	796	53%	---	8,866	64%	4,400	67%
- Injecting Drug Use (IDU)	84	6%	---	883	6%	459	7%
- MSM and IDU	129	9%	---	1,414	10%	703	11%
- Heterosexual Contact	51	3%	---	410	3%	117	2%
- Pediatric	3	0%	---	17	0%	7	0%
- Transfusion / Hemophiliac	0	0%	---	154	1%	106	2%
- No Identified Risk	202	14%	---	805	6%	267	4%
Female only:							
- Injecting Drug Use	45	3%	---	375	3%	187	3%
- Heterosexual Contact	123	8%	---	842	6%	246	4%
- Pediatric	4	0%	---	21	0%	8	0%
- Transfusion / Hemophiliac	2	0%	---	49	0%	29	0%
- No Identified Risk	51	3%	---	121	1%	35	1%

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of December 31, 2014.