



WASHINGTON STATE HIV SURVEILLANCE SEMIANNUAL REPORT 1st EDITION 2014

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

What's in this report?

HIV in Washington: An Overview.....	1
Acknowledgements and Contact Information.....	2
Developments:	
New Method to Count Persons Living with HIV Disease in Washington State.....	2
How HIV/AIDS Surveillance Works.....	3
Definitions.....	4
Statistics:	
New HIV Cases.....	5
People Living with HIV.....	10
AIDS Cases and Deaths.....	15

Publication Schedule: This report reflects events occurring through December 31, 2013 and reported by May 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 19,000 people in Washington have been diagnosed with HIV disease. Over 6,000 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

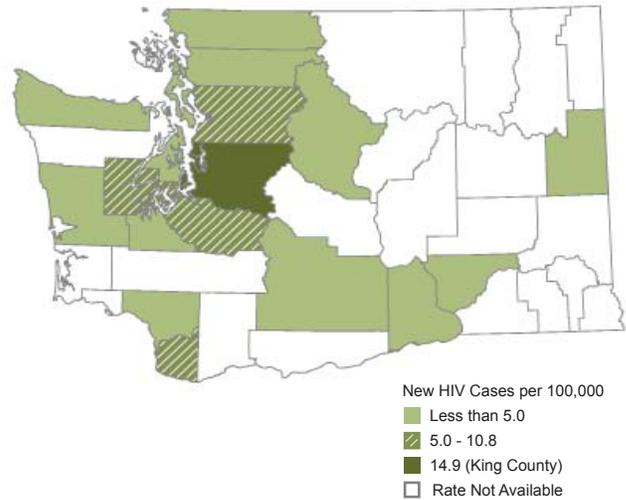


Figure 2. New HIV Cases, AIDS Cases, and Deaths from HIV or AIDS, 2004-2013

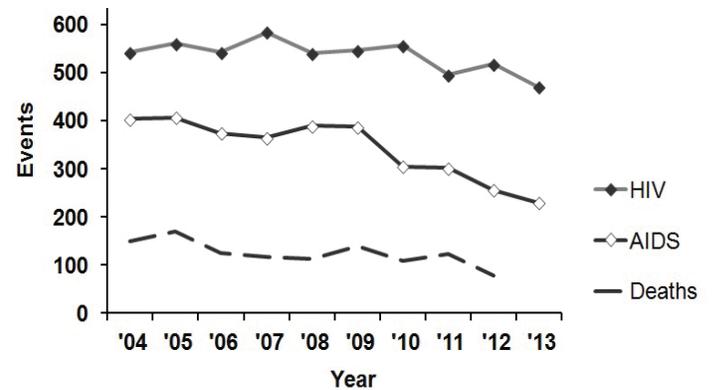
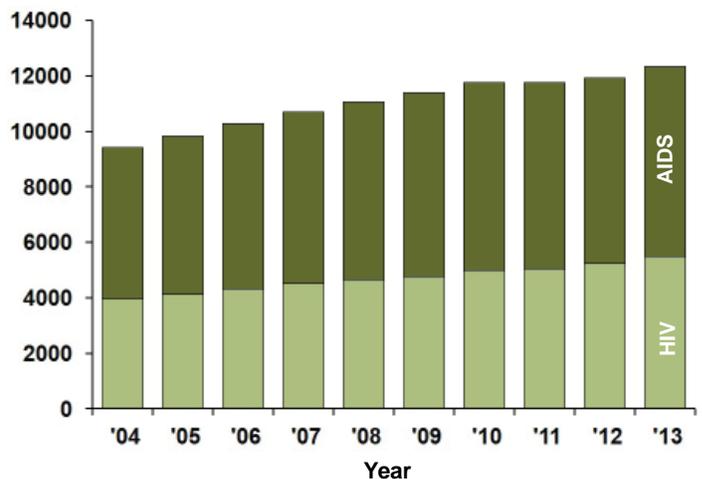


Figure 3. Living Cases of HIV Disease, 2004-2013



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:

Washington State Department of Health
Infectious Disease Assessment Unit
PO Box 47838, Olympia, WA 98504-7838
Phone: 360-236-3455 Email: HIV_Surv@doh.wa.gov

DEVELOPMENTS

New Method to Count Persons Living with HIV Disease in Washington State

Traditionally, a living HIV case in Washington State was defined as a case of HIV disease that had been diagnosed while living in Washington, reported to the health department, and presumed living at a specific point in time. This definition has been used to describe prevalent HIV cases in Washington and used for Tables 6 – 10 in this surveillance report. However, this method does not account for persons with HIV moving out of or into Washington State or capture migration to a different county within Washington State after his or her HIV diagnosis. Washington State Department of Health (DOH) did not have a systematic way to determine the current residence of an HIV case until now.

In 2013, two considerable improvements to HIV surveillance occurred. First, the Centers for Disease Control and Prevention (CDC) created an algorithm to identify the most current address before death for an HIV case based on all addresses entered into Washington's HIV surveillance system (eHARS). Address information is collected mainly on lab results and updated case reports. DOH adapted the algorithm to determine a case's most current residence at specific points in time. If a case does not have an address at that specific time, residence at most recent event (HIV or AIDS diagnosis) is used. Second, DOH made a big effort to import historic laboratory results into eHARS. Previously laboratory results were housed in several external databases. Since June 2013, DOH has imported approximately

360,000 laboratory results from January 2009 through May 2014. These two improvements made it possible to refine DOH's definition and account for migration in and out of Washington.

Starting with this surveillance report, "a person living with HIV" is now defined as a case of HIV disease that has been reported to DOH and is presumed living in Washington at a specific point in time. Using the new definition, there were 12,273 persons living with HIV in Washington State as of December 31, 2013. Eighty-eight percent of persons had a valid address on or before the end of 2013 in eHARS. Of those, 56% had a current residence that was less than 2 years old, 24% had a current residence 2-5 years old, and 20% had a current residence greater than 5 years old.

The majority persons living with HIV in Washington State as of December 31, 2013 live in King County (55%); however, this proportion decreased when compared to previous estimates. Table 9 shows that over 75% of cases had a viral load result in 2013. Of those, 87% had a suppressed viral load (≤ 200 copies/mL). See Tables 6 – 10 of this report for more details. DOH believes this is a big step forward and allows for a more accurate description of the HIV/AIDS population currently living in Washington State.

For more information about persons living with HIV/AIDS in Washington State, contact Teal Bell, at (360) 236-3445, or Teal.Bell@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 presumed to be in the same place they resided when their most recent diagnosis of HIV or AIDS occurred.

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 is 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.

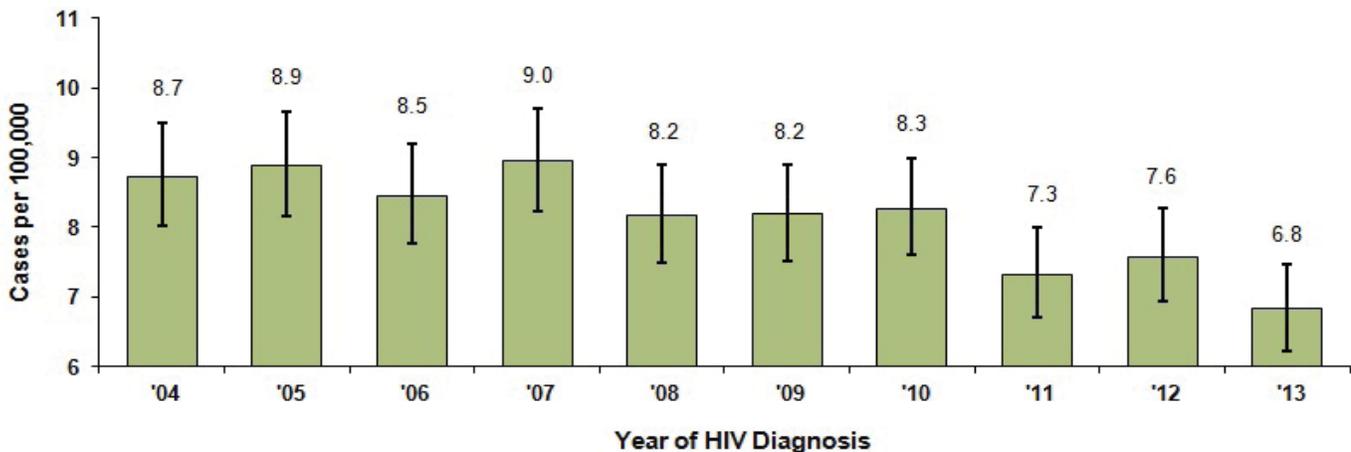
New HIV Case: A newly case of HIV disease, with or without AIDS, that has been diagnosed while living in Washington.

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* %
Total	540	546	556	496	517	470	2,585	100%	7.6	35%
Gender										
Male	447	458	485	428	428	395	2,194	85%	13.0	36%
Female	93	88	71	68	89	75	391	15%	2.3	30%
Age at HIV Diagnosis										
< 13	3	8	10	6	8	8	40	2%	0.7	---
13 - 24	79	81	74	67	81	71	374	14%	6.8	16%
25 - 34	160	159	166	149	161	136	771	30%	16.4	28%
35 - 44	156	144	156	125	134	133	692	27%	15.3	39%
45 - 54	87	109	104	91	90	90	484	19%	9.9	49%
55+	55	45	46	58	43	32	224	9%	2.6	57%
Race and Hispanic Origin										
White	288	319	317	281	294	252	1,463	57%	6.0	33%
Black	103	91	79	91	98	91	450	17%	38.4	34%
Hispanic (all races)	94	86	105	76	63	79	409	16%	10.5	40%
Asian	28	25	26	25	31	24	131	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	13	19	11	80	3%	6.4	30%
Hispanic only:										
- White	33	30	33	40	28	37	168	6%	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	37	208	8%	---	45%
Exposure Category by Gender										
Male only:										
- Male / Male Sex (MSM)	300	322	347	296	281	273	1,519	59%	---	31%
- Injecting Drug Use (IDU)	16	17	23	17	16	14	87	3%	---	52%
- MSM and IDU	31	41	27	47	40	35	190	7%	---	28%
- Heterosexual Contact	20	13	19	9	5	6	52	2%	---	68%
- Pediatric	1	2	7	4	1	3	17	1%	---	---
- Transfusion / Hemophiliac	0	0	0	0	0	0	0	0%	---	---
- No Identified Risk	79	63	62	55	85	64	329	13%	---	56%
Female only:										
- Injecting Drug Use	10	9	9	13	6	6	43	2%	---	26%
- Heterosexual Contact	65	61	49	31	34	32	207	8%	---	33%
- Pediatric	1	7	3	2	3	1	16	1%	---	---
- Transfusion / Hemophiliac	1	0	0	0	0	0	0	0%	---	---
- No Identified Risk	16	11	10	22	46	36	125	5%	---	29%

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 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.	%
U.S.-Born								
White	91%	57%	79%	6%	34%	58%	1,253	73%
Black	83%	39%	64%	18%	32%	57%	213	12%
Hispanic (all races)	90%	35%	82%	7%	31%	60%	121	7%
Asian	84%	53%	84%	0%	37%	68%	19	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	89%	39%	74%	11%	29%	55%	66	4%
Total	90%	52%	77%	8%	34%	57%	1,708	100%
Foreign-Born								
White	90%	67%	66%	5%	30%	50%	210	24%
Black	43%	61%	8%	24%	38%	62%	237	27%
Hispanic (all races)	90%	50%	62%	10%	46%	49%	288	33%
Asian	78%	60%	40%	14%	49%	58%	112	13%
Native Hawaiian / Pacific Islander	80%	47%	60%	20%	20%	40%	15	2%
American Indian / Alaska Native	100%	0%	0%	0%	0%	0%	1	0%
Multiple Race	71%	50%	50%	29%	43%	29%	14	2%
Total	75%	58%	45%	14%	40%	53%	877	100%

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

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

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

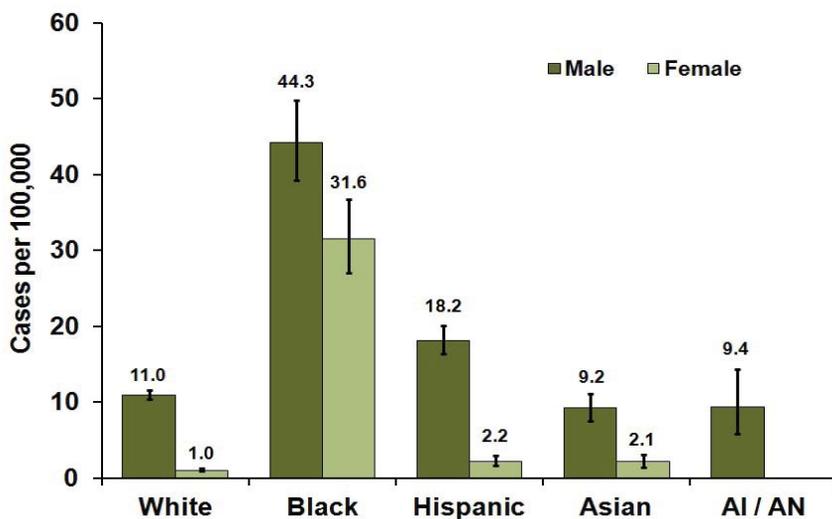
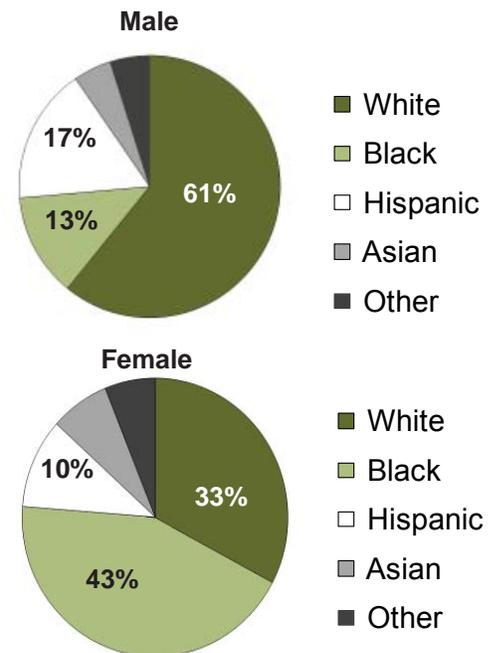


Figure 6. New HIV Cases by Gender and Race/Ethnicity, 2009-2013



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 No.	2009 No.	2010 No.	2011 No.	2012 No.	2013 No.	2009-2013 No.	%	Rate	1982-2013 No.	%	2008-2012 %
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	6	7	12	6	7	38	1%	4.3	155	1%	---
Benton-Franklin HD	6	12	11	13	8	7	51	2%	4.0	243	1%	40%
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	26	132	5%	6.2	785	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	0	0	0%	---	7	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%	---	59	0%	---
Grays Harbor Co.	6	0	5	4	6	1	16	1%	4.4	101	1%	---
Island Co.	3	8	3	1	3	1	16	1%	4.1	94	0%	---
Jefferson Co.	0	0	0	0	1	0	1	0%	---	38	0%	---
King Co.	313	302	323	271	289	261	1,446	56%	14.9	12,260	62%	31%
Kitsap Co.	7	10	2	7	12	7	38	1%	3.0	341	2%	39%
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	142	1%	37%
NE Tri-County HD	1	1	0	1	0	2	4	0%	---	47	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	56	53	59	291	11%	7.3	1,825	9%	31%
San Juan Co.	0	2	2	0	0	1	5	0%	---	31	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.	37	42	33	32	41	31	179	7%	5.0	1,159	6%	44%
Spokane Co.	26	18	24	25	25	21	113	4%	4.8	821	4%	44%
Stevens Co.	1	1	0	1	0	2	4	0%	---	31	0%	---
Thurston Co.	9	12	12	7	4	10	45	2%	3.5	311	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	16	8	7	8	56	2%	4.6	303	2%	55%
Statewide Total	540	546	556	496	517	470	2,585	100%	7.6	19,621	100%	35%

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 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/ μ L:	Stage of Infection at HIV Diagnosis (among cases with CD4 information)				Median CD4 Count cells/ μ L	Cases with CD4 Information		Total Cases No.
	≥ 500	350-499	200-349	< 200		No.	% of total	
	%	%	%	%				
Total	32%	21%	19%	28%	365	2,229	86%	2,585
Gender								
Male	31%	21%	19%	29%	365	1,886	86%	2,194
Female	33%	22%	19%	26%	366	343	88%	391
Age at HIV Diagnosis								
< 13	94%	3%	3%	0%	866	32	80%	40
13 - 24	39%	29%	20%	12%	422	294	79%	374
25 - 34	34%	23%	21%	22%	398	657	85%	771
35 - 44	30%	21%	20%	29%	356	629	91%	692
45 - 54	24%	16%	20%	41%	266	424	88%	484
55+	23%	12%	16%	49%	205	193	86%	224
Race and Hispanic Origin								
White	35%	21%	17%	26%	387	1,272	87%	1,463
Black	31%	20%	21%	28%	352	369	82%	450
Hispanic (all races)	24%	20%	23%	33%	299	358	88%	409
Asian	21%	19%	27%	32%	296	118	90%	131
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	33%	22%	20%	25%	365	69	86%	80
Hispanic only:								
- White	30%	19%	25%	26%	330	147	88%	168
- Black	20%	0%	20%	60%	182	5	83%	6
- Multiple / Other Race	40%	20%	10%	30%	397	20	74%	27
- Unknown Race	17%	22%	23%	38%	284	186	89%	208
Exposure Category by Gender								
Male only:								
- Male / Male Sex (MSM)	34%	23%	19%	24%	390	1,314	87%	1,519
- Injecting Drug Use (IDU)	22%	14%	18%	46%	257	78	90%	87
- MSM and IDU	37%	26%	22%	15%	424	164	86%	190
- Heterosexual Contact	14%	16%	18%	52%	182	44	85%	52
- Pediatric	79%	7%	7%	7%	878	14	82%	17
- Transfusion / Hemophiliac	---	---	---	---	---	0	---	0
- No Identified Risk	19%	10%	20%	51%	195	272	83%	329
Female only:								
- Injecting Drug Use	48%	18%	18%	18%	482	40	93%	43
- Heterosexual Contact	31%	20%	23%	27%	408	179	86%	207
- Pediatric	85%	0%	8%	8%	775	13	81%	16
- Transfusion / Hemophiliac	0%	0%	0%	0%	---	0	---	0
- No Identified Risk	26%	29%	15%	30%	360	111	89%	125

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 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/ μ L:	Stage of Infection at HIV Diagnosis (among cases with CD4 information)				Median CD4 Count cells/ μ L	Cases with CD4 Information		Total Cases No.
	≥ 500	350-499	200-349	< 200		No.	% of total	
	%	%	%	%				
Adams Co.	0%	0%	50%	50%	110	2	100%	2
Asotin Co.	50%	0%	33%	17%	426	6	100%	6
Benton Co.	26%	29%	6%	38%	365	34	89%	38
Benton-Franklin HD	24%	29%	9%	38%	364	45	88%	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%	38%	254	108	82%	132
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
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	75%	16
Island Co.	33%	17%	8%	42%	357	12	75%	16
Jefferson Co.	0%	0%	100%	0%	255	1	100%	1
King Co.	33%	23%	19%	24%	386	1,324	92%	1,446
Kitsap Co.	26%	19%	26%	29%	343	31	82%	38
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	75%	4
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%	366	190	65%	291
San Juan Co.	25%	0%	25%	50%	201	4	80%	5
Skagit Co.	38%	29%	14%	19%	391	21	91%	23
Skamania Co.	0%	0%	100%	0%	315	1	100%	1
Snohomish Co.	27%	16%	28%	29%	306	160	89%	179
Spokane Co.	27%	17%	17%	39%	282	100	88%	113
Stevens Co.	0%	0%	33%	67%	24	3	75%	4
Thurston Co.	49%	16%	11%	24%	456	37	82%	45
Wahkiakum Co.	100%	0%	0%	0%	956	1	100%	1
Walla Walla Co.	0%	0%	50%	50%	162	2	67%	3
Whatcom Co.	37%	11%	16%	37%	347	19	66%	29
Whitman Co.	33%	0%	33%	33%	212	3	100%	3
Yakima Co.	26%	11%	19%	45%	243	47	84%	56
Statwide Total	32%	21%	19%	28%	365	2,229	86%	2,585

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

STATISTICS: PEOPLE LIVING WITH HIV[^]**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
Total	5,456	100%	79.8	6,817	100%	99.6	12,273	100%	179.3
Gender									
Male	4,636	85%	136.1	5,892	86%	172.9	10,528	86%	309.0
Female	820	15%	23.8	925	14%	26.8	1,745	14%	50.6
Current age									
< 13	44	1%	3.9	3	0%	0.9	47	0%	6.0
13 - 24	234	4%	25.7	61	1%	21.8	295	2%	88.7
25 - 34	1,086	20%	113.0	511	7%	97.0	1,597	13%	238.5
35 - 44	1,440	26%	162.9	1,486	22%	248.6	2,926	24%	432.5
45 - 54	1,667	31%	173.1	2,803	41%	245.9	4,470	36%	373.9
55+	985	18%	53.9	1,953	29%	74.3	2,938	24%	111.5
Race and Hispanic Origin*									
White	3,545	65%	72.6	4,334	64%	88.8	7,879	64%	161.4
Black	891	16%	372.5	1,088	16%	454.8	1,979	16%	827.3
Hispanic (all races)	654	12%	79.6	912	13%	110.7	1,566	13%	190.3
Asian	165	3%	32.7	220	3%	43.5	385	3%	76.2
Native Hawaiian / Pacific Islander	25	0%	59.5	36	1%	85.6	61	0%	145.1
American Indian / Alaska Native	56	1%	62.4	90	1%	101.5	146	1%	163.9
Multiple Race	114	2%	43.4	132	2%	49.4	246	2%	92.9
Hispanic only:									
- White	278	5%	39.6	279	4%	39.7	557	5%	79.3
- Black	14	0%	---	25	0%	110.8	39	0%	172.9
- Multiple / Other Race	39	1%	---	29	0%	---	68	1%	---
- Unknown Race	323	6%	---	579	8%	---	902	7%	---
Exposure Category by Gender									
Male only:									
- Male / Male Sex (MSM)	3,510	64%	---	4,012	59%	---	7,522	61%	---
- Injecting Drug Use (IDU)	172	3%	---	360	5%	---	532	4%	---
- MSM and IDU	435	8%	---	650	10%	---	1,085	9%	---
- Heterosexual Contact	125	2%	---	289	4%	---	414	3%	---
- Pediatric	30	1%	---	15	0%	---	45	0%	---
- Transfusion / Hemophiliac	7	0%	---	30	0%	---	37	0%	---
- No Identified Risk	357	7%	---	536	8%	---	893	7%	---
Female only:									
- Injecting Drug Use	112	2%	---	179	3%	---	291	2%	---
- Heterosexual Contact	513	9%	---	626	9%	---	1,139	9%	---
- Pediatric	39	1%	---	14	0%	---	53	0%	---
- Transfusion / Hemophiliac	4	0%	---	12	0%	---	16	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 May 31, 2014.

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

[^]Based on new calculation method. See Developments article on page 2 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.	%
Males:										
Male / Male Sex (MSM)	5,492	77%	661	50%	915	66%	205	67%	50	51%
Injecting Drug Use (IDU)	327	5%	100	8%	72	5%	9	3%	12	12%
MSM and IDU	808	11%	92	7%	117	9%	10	3%	20	20%
Heterosexual Contact	143	2%	166	13%	80	6%	12	4%	7	7%
Pediatric	10	0%	25	2%	4	0%	2	1%	1	1%
Transfusion / Hemophiliac	31	0%	4	0%	2	0%	0	0%	0	0%
No Identified Risk	347	5%	269	20%	186	14%	67	22%	8	8%
Total Males	7,158	100%	1,317	100%	1,376	100%	305	100%	98	100%
Females:										
Injecting Drug Use (IDU)	185	26%	62	9%	20	11%	3	4%	12	25%
Heterosexual Contact	455	63%	429	65%	137	72%	56	70%	32	67%
Pediatric	10	1%	34	5%	7	4%	2	3%	0	0%
Transfusion / Hemophiliac	5	1%	7	1%	1	1%	3	4%	0	0%
No Identified Risk	66	9%	130	20%	25	13%	16	20%	4	8%
Total Females	721	100%	662	100%	190	100%	80	100%	48	100%

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

* Table excludes 61 Native Hawaiian and Pacific Islander cases due to small numbers. Also excluded are 246 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

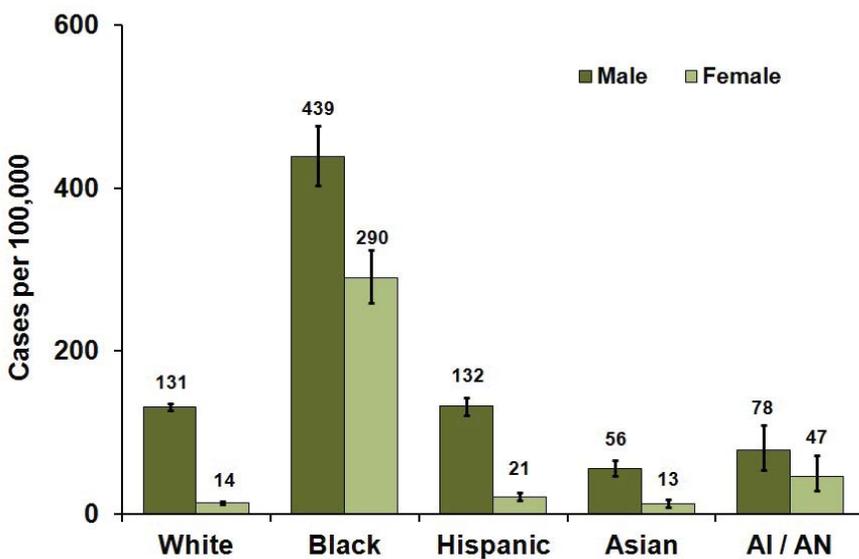
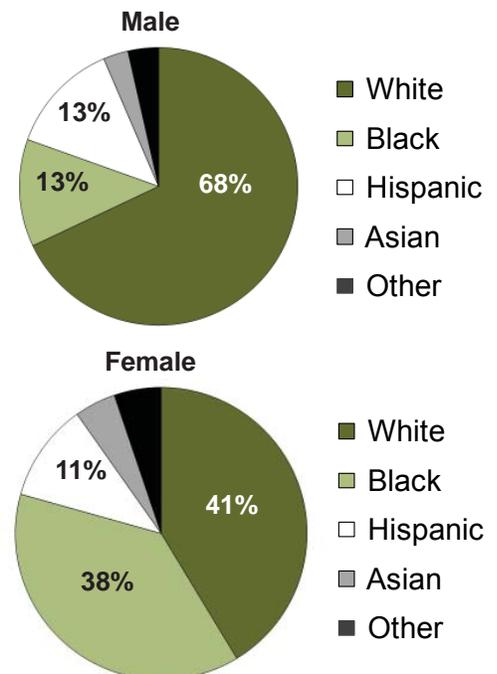


Figure 8. Living HIV Cases by Gender and Race/Ethnicity, as of December 31, 2013



^Based on new calculation method. See Developments article on page 2 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%	---	11	0%	---	14	0%	72.3
Asotin Co.	7	0%	---	15	0%	68.9	22	0%	101.1
Benton Co.	58	1%	31.6	70	1%	38.1	128	1%	69.6
Benton-Franklin HD	83	2%	30.8	112	2%	41.6	195	2%	72.4
Chelan Co.	23	0%	31.2	29	0%	39.4	52	0%	70.6
Chelan-Douglas HD	27	0%	23.8	34	0%	30.0	61	0%	53.8
Clallam Co.	30	1%	41.4	34	0%	46.9	64	1%	88.3
Clark Co.	274	5%	62.9	353	5%	81.1	627	5%	144.0
Columbia Co.	1	0%	---	4	0%	---	5	0%	---
Cowlitz Co.	49	1%	47.2	63	1%	60.7	112	1%	108.0
Douglas Co.	4	0%	---	5	0%	---	9	0%	---
Ferry Co.	2	0%	---	3	0%	---	5	0%	---
Franklin Co.	25	0%	29.2	42	1%	49.1	67	1%	78.3
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.	25	0%	34.1	46	1%	62.7	71	1%	96.7
Island Co.	34	1%	42.9	37	1%	46.7	71	1%	89.5
Jefferson Co.	11	0%	---	19	0%	62.5	30	0%	98.7
King Co.	3,118	57%	157.7	3,687	54%	186.4	6,805	55%	344.1
Kitsap Co.	116	2%	45.3	145	2%	56.6	261	2%	101.9
Kittitas Co.	6	0%	---	16	0%	37.9	22	0%	52.2
Klickitat Co.	9	0%	---	8	0%	---	17	0%	82.2
Lewis Co.	15	0%	19.5	34	0%	44.3	49	0%	63.8
Lincoln Co.	0	0%	---	3	0%	---	3	0%	---
Mason Co.	45	1%	72.1	55	1%	88.2	100	1%	160.3
NE Tri-County HD	11	0%	---	16	0%	24.7	27	0%	41.7
Okanogan Co.	14	0%	33.6	30	0%	72.0	44	0%	105.6
Pacific Co.	11	0%	---	19	0%	90.4	30	0%	142.8
Pend Oreille Co.	0	0%	---	6	0%	---	6	0%	---
Pierce Co.	607	11%	74.9	686	10%	84.7	1,293	11%	159.6
San Juan Co.	8	0%	---	17	0%	105.9	25	0%	155.8
Skagit Co.	37	1%	31.1	49	1%	41.2	86	1%	72.3
Skamania Co.	1	0%	---	4	0%	---	5	0%	---
Snohomish Co.	377	7%	51.6	533	8%	72.9	910	7%	124.5
Spokane Co.	210	4%	43.6	287	4%	59.6	497	4%	103.2
Stevens Co.	9	0%	---	7	0%	---	16	0%	36.4
Thurston Co.	117	2%	44.8	150	2%	57.4	267	2%	102.2
Wahkiakum Co.	2	0%	---	2	0%	---	4	0%	---
Walla Walla Co.	14	0%	23.6	36	1%	60.6	50	0%	84.1
Whatcom Co.	85	2%	41.4	121	2%	58.9	206	2%	100.3
Whitman Co.	7	0%	---	13	0%	28.1	20	0%	43.2
Yakima Co.	86	2%	34.6	141	2%	56.8	227	2%	91.4
Statewide Total	5,456	100%	79.8	6,817	100%	99.6	12,273	100%	179.3

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 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 Developments article on page 2 for more details.

STATISTICS: PEOPLE LIVING WITH HIV^ (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	
	%	%	%				
Total	2%	11%	87%	66%	9,250	75%	12,273
Gender							
Male	2%	10%	88%	66%	7,924	75%	10,528
Female	2%	14%	84%	64%	1,326	76%	1,745
Current Age							
< 13	2%	9%	89%	85%	45	96%	47
13 - 24	6%	21%	73%	57%	233	79%	295
25 - 34	4%	20%	76%	57%	1,193	75%	1,597
35 - 44	3%	12%	85%	63%	2,183	75%	2,926
45 - 54	2%	9%	89%	68%	3,398	76%	4,470
55+	1%	6%	93%	70%	2,198	75%	2,938
Race and Hispanic Origin*							
White	2%	9%	88%	68%	6,093	77%	7,879
Black	2%	14%	84%	61%	1,450	73%	1,979
Hispanic (all races)	3%	12%	85%	57%	1,047	67%	1,566
Asian	0%	7%	92%	74%	306	79%	385
Native Hawaiian / Pacific Islander	9%	15%	76%	57%	46	75%	61
American Indian / Alaska Native	1%	15%	85%	64%	110	75%	146
Multiple Race	4%	17%	79%	61%	190	77%	246
Hispanic only:							
- White	4%	13%	83%	59%	392	70%	557
- Black	4%	26%	70%	49%	27	69%	39
- Multiple / Other Race	0%	21%	79%	54%	47	69%	68
- Unknown Race	3%	9%	88%	57%	581	64%	902
Exposure Category by Gender							
Male only:							
- Male / Male Sex (MSM)	2%	9%	89%	69%	5,808	77%	7,522
- Injecting Drug Use (IDU)	3%	14%	83%	55%	351	66%	532
- MSM and IDU	5%	16%	80%	62%	844	78%	1,085
- Heterosexual Contact	2%	8%	90%	61%	281	68%	414
- Pediatric	3%	26%	72%	62%	39	87%	45
- Transfusion / Hemophiliac	0%	0%	100%	78%	29	78%	37
- No Identified Risk	4%	11%	85%	55%	572	64%	893
Female only:							
- Injecting Drug Use	6%	21%	73%	52%	208	71%	291
- Heterosexual Contact	2%	13%	86%	66%	878	77%	1,139
- Pediatric	0%	11%	89%	74%	44	83%	53
- Transfusion / Hemophiliac	0%	9%	91%	63%	11	69%	16
- No Identified Risk	3%	12%	85%	64%	185	75%	246

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

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

^Based on new calculation method. See Developments article on page 2 for more details.

STATISTICS: PEOPLE LIVING WITH HIV^ (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%	25%	67%	57%	12	86%	14
Asotin Co.	0%	0%	100%	68%	15	68%	22
Benton Co.	6%	7%	88%	60%	88	69%	128
Benton-Franklin HD	4%	10%	87%	59%	134	69%	195
Chelan Co.	3%	18%	79%	58%	38	73%	52
Chelan-Douglas HD	5%	16%	80%	57%	44	72%	61
Clallam Co.	0%	9%	91%	67%	47	73%	64
Clark Co.	2%	13%	85%	48%	351	56%	627
Columbia Co.	0%	0%	100%	80%	4	80%	5
Cowlitz Co.	3%	19%	78%	40%	58	52%	112
Douglas Co.	17%	0%	83%	56%	6	67%	9
Ferry Co.	0%	0%	100%	60%	3	60%	5
Franklin Co.	0%	15%	85%	58%	46	69%	67
Garfield Co.	0%	0%	100%	100%	1	100%	1
Grant Co.	0%	11%	89%	65%	38	73%	52
Grays Harbor Co.	0%	10%	90%	61%	48	68%	71
Island Co.	0%	4%	96%	62%	46	65%	71
Jefferson Co.	5%	5%	91%	67%	22	73%	30
King Co.	2%	10%	87%	70%	5,477	80%	6,805
Kitsap Co.	2%	9%	88%	57%	170	65%	261
Kittitas Co.	0%	0%	100%	64%	14	64%	22
Klickitat Co.	0%	25%	75%	35%	8	47%	17
Lewis Co.	0%	13%	87%	55%	31	63%	49
Lincoln Co.	0%	0%	100%	33%	1	33%	3
Mason Co.	0%	14%	86%	51%	59	59%	100
NE Tri-County HD	5%	5%	90%	67%	20	74%	27
Okanogan Co.	7%	7%	85%	52%	27	61%	44
Pacific Co.	5%	11%	84%	53%	19	63%	30
Pend Oreille Co.	25%	0%	75%	50%	4	67%	6
Pierce Co.	3%	12%	86%	59%	894	69%	1,293
San Juan Co.	5%	5%	90%	72%	20	80%	25
Skagit Co.	6%	24%	70%	44%	54	63%	86
Skamania Co.	0%	0%	100%	60%	3	60%	5
Snohomish Co.	2%	9%	88%	71%	727	80%	910
Spokane Co.	2%	13%	85%	67%	389	78%	497
Stevens Co.	0%	8%	92%	75%	13	81%	16
Thurston Co.	2%	13%	85%	57%	178	67%	267
Wahkiakum Co.	0%	0%	100%	75%	3	75%	4
Walla Walla Co.	0%	4%	96%	50%	26	52%	50
Whatcom Co.	3%	5%	92%	57%	127	62%	206
Whitman Co.	0%	8%	92%	55%	12	60%	20
Yakima Co.	2%	9%	89%	67%	171	75%	227
Statewide Total	2%	11%	87%	66%	9,250	75%	12,273

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

^Based on new calculation method. See Developments article on page 2 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			1982-2013		1982-2013	
	No.	%	Rate	No.	%	No.	%
Total	1,479	100%	4.4	13,955	100%	6,453	100%
Gender							
Male	1,254	85%	7.4	12,545	90%	5,970	93%
Female	225	15%	1.3	1,410	10%	483	7%
Age at AIDS Diagnosis						Age at Death	
< 13	1	0%	0.0	34	0%	15	0%
13 - 24	82	6%	1.5	559	4%	67	1%
25 - 34	342	23%	7.3	4,644	33%	1,546	24%
35 - 44	431	29%	9.5	5,355	38%	2,635	41%
45 - 54	427	29%	8.7	2,423	17%	1,410	22%
55+	196	13%	2.3	940	7%	780	12%
Race and Hispanic Origin							
White	846	57%	3.5	10,124	73%	5,128	79%
Black	264	18%	22.5	1,722	12%	608	9%
Hispanic (all races)	218	15%	5.6	1,279	9%	396	6%
Asian	69	5%	2.8	294	2%	74	1%
Native Hawaiian / Pacific Islander	13	1%	6.5	50	0%	16	0%
American Indian / Alaska Native	17	1%	3.8	217	2%	98	2%
Multiple or Unknown Race	52	4%	4.2	269	2%	133	2%
Hispanic only:							
- White	85	6%	2.6	395	3%	147	2%
- Black	5	0%	---	38	0%	17	0%
- Multiple / Other Race	11	1%	---	46	0%	18	0%
- Unknown Race	117	8%	---	800	6%	214	3%
Exposure Category by Gender							
Male only:							
- Male / Male Sex (MSM)	787	53%	---	8,859	63%	4,342	67%
- Injecting Drug Use (IDU)	82	6%	---	882	6%	450	7%
- MSM and IDU	128	9%	---	1,413	10%	690	11%
- Heterosexual Contact	51	3%	---	410	3%	111	2%
- Pediatric	3	0%	---	17	0%	7	0%
- Transfusion / Hemophiliac	0	0%	---	156	1%	106	2%
- No Identified Risk	203	14%	---	808	6%	264	4%
Female only:							
- Injecting Drug Use	45	3%	---	375	3%	178	3%
- Heterosexual Contact	123	8%	---	842	6%	234	4%
- Pediatric	4	0%	---	23	0%	8	0%
- Transfusion / Hemophiliac	2	0%	---	49	0%	29	0%
- No Identified Risk	51	3%	---	121	1%	34	1%

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