



WASHINGTON STATE HIV SURVEILLANCE SEMIANNUAL REPORT 1st EDITION 2015

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:	
2014 Update to the HIV Surveillance Case Definition.....	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, 2014 and reported by May 31, 2015, 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 20,000 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: 496 new cases per year, on average in 2010-2014.
- Treatment for HIV disease is both effective and widely available. Most people with HIV survive long after diagnosis.
- By the end of 2014, more than 12,500 people were reported to be living with HIV across Washington State.

Figure 1. Average HIV Rates by County, 2010-2014

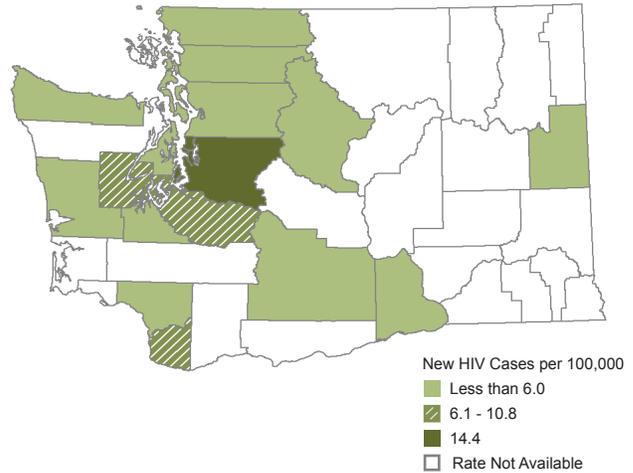


Figure 2. New HIV Cases, AIDS Cases, and Deaths from HIV or AIDS, 2005-2014

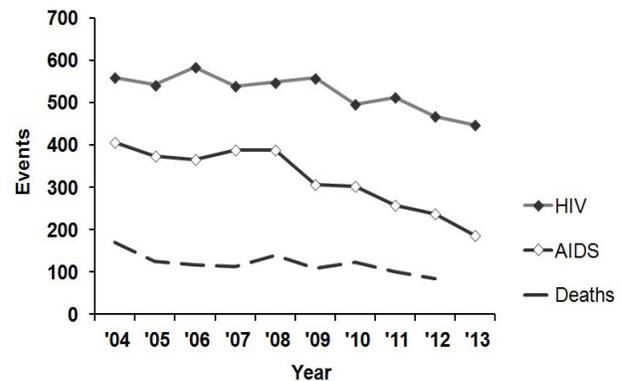
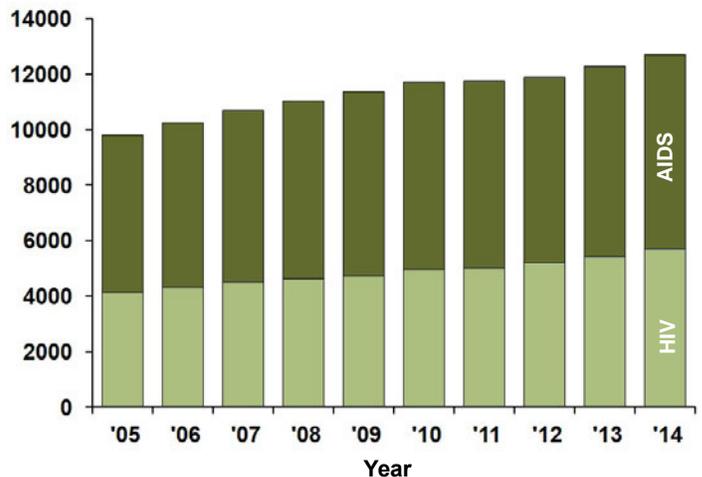


Figure 3. Living Cases of HIV Disease, 2005-2014



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

2014 Update to the HIV Surveillance Case Definition

In April 2014 CDC released “Revised Surveillance Case Definition for HIV Infection — United States, 2014” which contains changes to the laboratory criteria for identifying adult/adolescent (aged ≥ 13 years) and pediatric (aged < 13 years) HIV infection, non-laboratory criteria for identifying adult/adolescent and pediatric HIV infection, clarification of diagnosis of HIV-2, and staging of HIV disease. Cases reported beginning January 1, 2014 are classified based on the criteria in this new case definition. This is the first edition of the HIV Surveillance Semiannual Report to include data under this new case definition.

The biggest changes in this HIV surveillance case definition have to do with laboratory criteria for confirmation of HIV infection, which utilizes a multitest algorithm. New testing technologies allow for quicker and cheaper detection earlier in the course of infection. Historically, confirmation has come from a positive Western Blot result. Western Blots are expensive and time consuming to run and do not detect infection before 35-50 days. The new multitest algorithm confirms infection through positive results from two different types of 3rd generation (antibody only) or 4th generation (antigen and antibody) or type-differentiating (e.g. Multispot) tests. Two tests of the same type from different manufacturers can also be used. The use of the 4th generation tests allows for detection of infection up to 20 days earlier than a Western Blot. The preferred sequence of testing is the use of a 4th generation test followed up by a type-differentiating test. The use of the type-differentiating test allows for differentiation between HIV-1 and HIV-2 infection.

The case definition also includes criteria for classifying HIV infection into one of five stages: 0, 1, 2, 3, or unknown. Early HIV infection is stage 0 (defined as a negative test within 6 months of diagnosis) and AIDS is stage 3. The criteria for stage 3 have changed as well. Prior to this change, a CD4 count less than 200 or a CD4 percent less than 14 constituted an AIDS diagnosis. Now, CD4 percent results are no longer used to determine AIDS status unless there is no count available. For example, a person with a CD4 count of 198 and percent of 15 would be an AIDS case, but a CD4 count of 201 and percent of 12 would not. A CD4 percent of 12 with no associated count would be an AIDS case. CD4 counts are also used to define pediatric AIDS cases now, but the numbers differ from adults. Additionally, there is no longer any differentiation between definitive and presumptive opportunistic illness diagnoses.

Finally, clarifications of what non-laboratory (e.g. physician diagnosis) criteria are needed for surveillance confirmation and what testing needs to be completed to confirm HIV-2 infections are included. The complete case definition can be found at <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6303a1.htm>.

For more information about the HIV Surveillance Case Definition, contact Jen Reuer at (360) 236-3427 or Jennifer.Reuer@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-related 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.

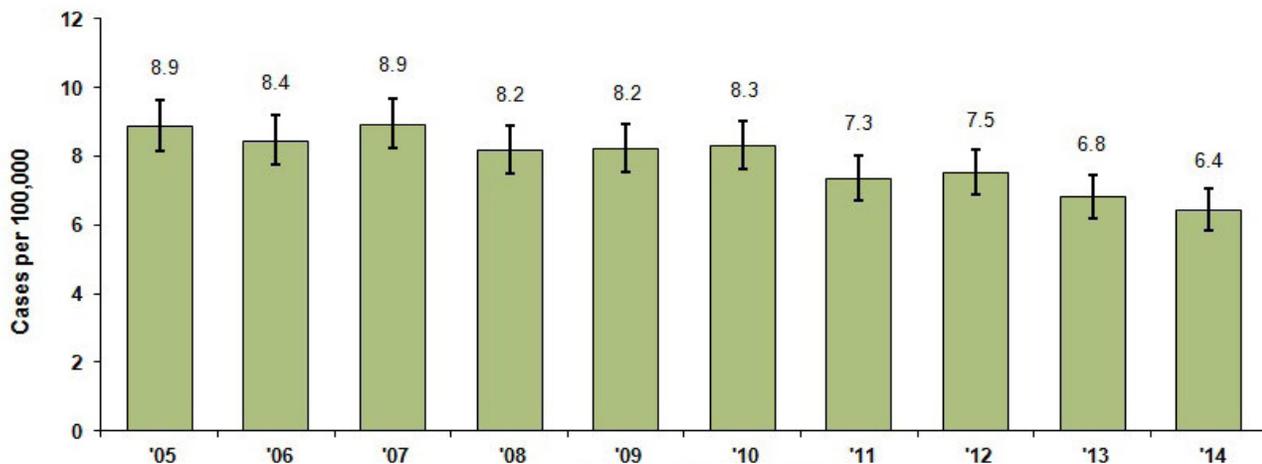
New HIV Case: A newly case of HIV disease, with or without AIDS, that has been diagnosed while living in Washington.

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, 2005-2014



STATISTICS: NEW HIV CASES (continued)

Table 1. New HIV Cases, 2009-2014

Year of HIV diagnosis:	Newly Diagnosed Cases of HIV Disease							Late HIV Diagnoses		
	2009 No.	2010 No.	2011 No.	2012 No.	2013 No.	2014 No.	2010-2014 No. %	Rate	2009-2013* %	
Total	548	558	496	512	468	447	2,481 100%	7.3	33%	
Gender										
Male	460	487	429	424	392	374	2,106 85%	12.4	34%	
Female	88	71	67	88	76	73	375 15%	2.2	31%	
Age at HIV Diagnosis										
< 13	10	10	6	8	9	4	37 1%	0.7	---	
13 - 24	81	74	68	80	73	66	361 15%	6.6	16%	
25 - 34	159	168	147	160	132	142	749 30%	15.8	27%	
35 - 44	144	156	126	132	133	107	654 26%	14.4	35%	
45 - 54	109	104	91	89	88	89	461 19%	9.5	47%	
55+	45	46	58	43	33	39	219 9%	2.5	54%	
Race and Hispanic Origin										
White	319	319	281	288	251	227	1,366 55%	5.6	32%	
Black	92	79	90	97	90	98	454 18%	38.1	32%	
Hispanic (all races)	87	105	76	63	79	61	384 15%	9.6	36%	
Asian	25	26	25	31	24	38	144 6%	5.8	40%	
Native Hawaiian / Pacific Islander	2	1	5	7	8	5	26 1%	12.7	52%	
American Indian / Alaska Native	5	9	5	5	4	6	29 1%	6.5	50%	
Multiple Race	18	19	14	21	12	12	78 3%	6.0	29%	
Hispanic only:										
- White	31	33	40	28	38	27	166 7%	4.8	31%	
- Black	3	0	1	0	2	0	3 0%	---	---	
- Multiple / Other Race	8	9	3	4	3	6	25 1%	---	---	
- Unknown Race	45	63	32	31	36	28	190 8%	---	41%	
Exposure Category by Gender										
Male only:										
- Male / Male Sex (MSM)	318	349	297	280	271	237	1,434 58%	---	29%	
- Injecting Drug Use (IDU)	18	24	17	15	14	12	82 3%	---	48%	
- MSM and IDU	44	27	47	40	34	29	177 7%	---	24%	
- Heterosexual Contact	13	19	9	6	6	8	48 2%	---	60%	
- Pediatric	4	7	4	1	3	3	18 1%	---	---	
- Transfusion / Hemophiliac	0	0	0	0	0	0	0 0%	---	---	
- No Identified Risk	63	61	55	82	64	85	347 14%	---	52%	
Female only:										
- Injecting Drug Use	9	9	13	7	6	8	43 2%	---	---	
- Heterosexual Contact	61	49	30	33	32	22	166 7%	---	34%	
- Pediatric	7	3	2	2	1	1	9 0%	---	---	
- Transfusion / Hemophiliac	0	0	0	0	0	0	0 0%	---	---	
- No Identified Risk	11	10	22	46	37	42	157 6%	---	32%	

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

*Late HIV diagnoses based on new HIV cases diagnosed between 2009 and 2013

STATISTICS: NEW HIV CASES (continued)

Table 2. New HIV Cases by Foreign-Born Status and Other Select Characteristics, 2010-2014

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%	78%	6%	35%	59%	1,128	72%
Black	85%	37%	66%	14%	27%	60%	209	13%
Hispanic (all races)	92%	29%	84%	6%	27%	59%	109	7%
Asian	82%	41%	76%	0%	29%	82%	17	1%
Native Hawaiian / Pacific Islander	70%	40%	70%	30%	60%	40%	10	1%
American Indian / Alaska Native	81%	58%	42%	15%	54%	38%	26	2%
Multiple Race	94%	32%	78%	6%	29%	62%	65	4%
Total	90%	51%	77%	7%	33%	59%	1,564	100%
Foreign-Born**								
White	87%	54%	60%	12%	31%	81%	68	11%
Black	42%	64%	5%	19%	36%	67%	218	34%
Hispanic (all races)	90%	51%	61%	10%	45%	56%	220	34%
Asian	78%	54%	40%	10%	41%	67%	116	18%
Native Hawaiian / Pacific Islander	77%	38%	54%	23%	38%	54%	13	2%
American Indian / Alaska Native	---	---	---	---	---	---	0	0%
Multiple Race	40%	40%	20%	40%	40%	40%	5	1%
Total	71%	56%	38%	14%	39%	64%	640	100%

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

*Late HIV diagnoses based on new HIV cases diagnosed between 2009 and 2013

**Section excludes 277 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, 2010-2014

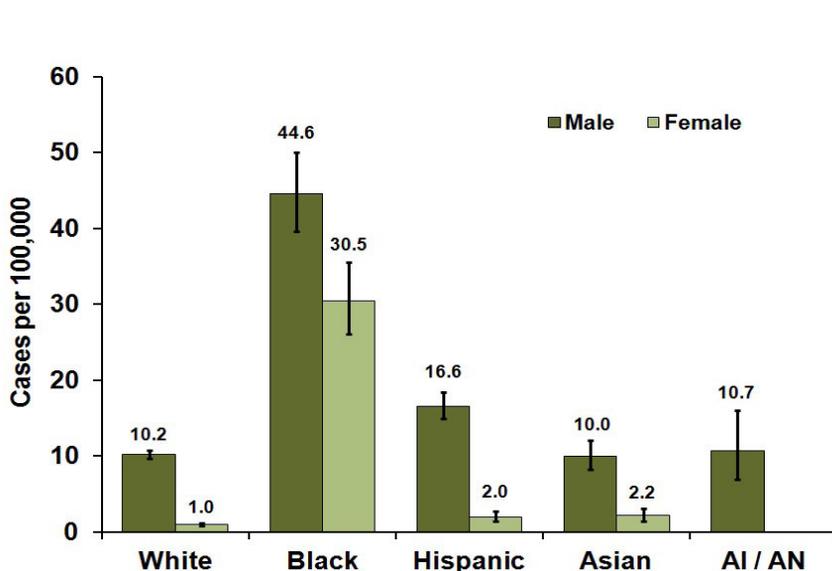
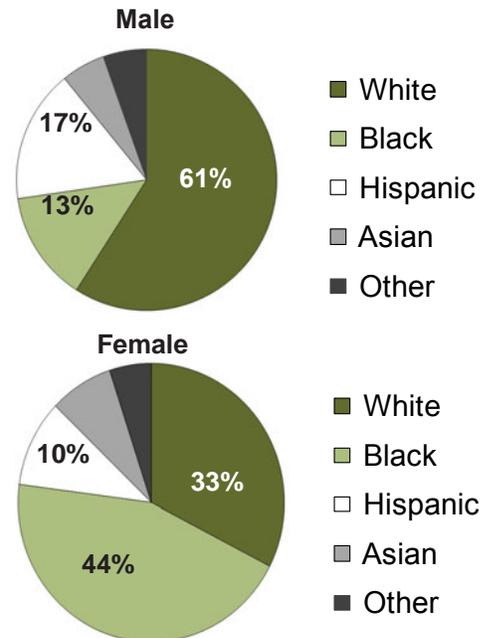


Figure 6. New HIV Cases by Gender and Race/Ethnicity, 2010-2014



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							2010-2014			Cumulative Diagnoses 1981-2014		Late HIV Diagnoses 2009-2013
	No.	No.	No.	No.	No.	No.	No.	%	Rate	No.	%	%	
Adams Co.	1	0	1	0	0	0	1	0%	---	8	0%	---	
Asotin Co.	2	2	1	0	1	0	4	0%	---	27	0%	---	
Benton Co.	7	7	12	5	7	6	37	1%	4.1	160	1%	39%	
Benton-Franklin HD	13	11	13	7	7	6	44	2%	3.3	248	1%	39%	
Chelan Co.	3	5	4	3	3	4	19	1%	5.2	88	0%	---	
Chelan-Douglas HD	4	7	5	3	4	4	23	1%	4.1	99	0%	52%	
Clallam Co.	3	1	3	4	3	1	12	0%	3.3	90	0%	---	
Clark Co.	22	29	29	27	27	21	133	5%	6.1	806	4%	45%	
Columbia Co.	0	0	0	0	0	0	0	0%	---	6	0%	---	
Cowlitz Co.	4	5	4	4	2	4	19	1%	3.7	165	1%	---	
Douglas Co.	1	2	1	0	1	0	4	0%	---	11	0%	---	
Ferry Co.	0	0	0	0	0	1	1	0%	---	8	0%	---	
Franklin Co.	6	4	1	2	0	0	7	0%	---	88	0%	---	
Garfield Co.	0	0	0	0	0	0	0	0%	---	1	0%	---	
Grant Co.	1	3	3	3	0	0	9	0%	---	58	0%	---	
Grays Harbor Co.	1	5	4	6	1	3	19	1%	5.2	105	1%	---	
Island Co.	8	3	1	3	2	3	12	0%	3.0	98	0%	---	
Jefferson Co.	0	0	0	1	1	2	4	0%	---	41	0%	---	
King Co.	302	324	269	288	257	281	1,419	57%	14.4	12,527	62%	29%	
Kitsap Co.	10	2	7	11	7	7	34	1%	2.7	346	2%	32%	
Kittitas Co.	0	0	0	0	2	1	3	0%	---	28	0%	---	
Klickitat Co.	0	0	0	1	0	0	1	0%	---	17	0%	---	
Lewis Co.	4	0	5	1	1	0	7	0%	---	68	0%	---	
Lincoln Co.	0	0	0	0	0	0	0	0%	---	4	0%	---	
Mason Co.	3	11	7	9	3	1	31	1%	10.1	142	1%	---	
NE Tri-County HD	1	0	1	0	3	1	5	0%	---	49	0%	---	
Okanogan Co.	4	0	1	3	0	0	4	0%	---	45	0%	---	
Pacific Co.	1	0	0	2	0	1	3	0%	---	35	0%	---	
Pend Oreille Co.	0	0	0	0	0	0	0	0%	---	9	0%	---	
Pierce Co.	62	61	57	53	59	44	274	11%	6.8	1,869	9%	29%	
San Juan Co.	1	2	0	0	2	1	5	0%	---	32	0%	---	
Skagit Co.	1	4	5	4	9	4	26	1%	4.4	120	1%	---	
Skamania Co.	1	0	0	0	0	0	0	0%	---	9	0%	---	
Snohomish Co.	42	33	32	39	30	36	170	7%	4.7	1,193	6%	41%	
Spokane Co.	19	24	25	25	22	6	102	4%	4.3	828	4%	44%	
Stevens Co.	1	0	1	0	3	0	4	0%	---	32	0%	---	
Thurston Co.	12	12	7	4	9	5	37	1%	2.9	315	2%	27%	
Wahkiakum Co.	0	0	0	0	1	1	2	0%	---	5	0%	---	
Walla Walla Co.	0	0	0	3	0	0	3	0%	---	68	0%	---	
Whatcom Co.	8	1	7	4	8	5	25	1%	2.5	263	1%	---	
Whitman Co.	1	1	1	0	0	1	3	0%	---	24	0%	---	
Yakima Co.	17	17	8	7	7	8	47	2%	3.8	310	2%	48%	
Statewide Total	548	558	496	512	468	447	2,481	100%	7.3	20,049	100%	33%	

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

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, 2010-2014

CD4 count, cells/ μ L:	Stage of Infection at HIV Diagnosis (among cases with CD4 information)				Median CD4 Count	Cases with CD4 Information		Total Cases
	≥ 500	350-499	200-349	< 200		No.	% of total	
	%	%	%	%	cells/ μ L			No.
Total	31%	23%	19%	27%	372	2,150	87%	2,481
Gender								
Male	31%	23%	19%	27%	376	1,816	86%	2,106
Female	31%	22%	19%	29%	360	334	89%	375
Age at HIV Diagnosis								
< 13	90%	10%	0%	0%	875	31	84%	37
13 - 24	40%	30%	17%	12%	436	287	80%	361
25 - 34	34%	25%	21%	20%	404	645	86%	749
35 - 44	30%	24%	19%	27%	376	596	91%	654
45 - 54	24%	16%	19%	41%	276	402	87%	461
55+	20%	15%	19%	46%	233	189	86%	219
Race and Hispanic Origin								
White	35%	23%	16%	26%	396	1,187	87%	1,366
Black	31%	21%	21%	26%	361	382	84%	454
Hispanic (all races)	24%	22%	24%	30%	317	333	87%	384
Asian	23%	25%	26%	27%	315	133	92%	144
Native Hawaiian / Pacific	5%	19%	33%	43%	256	21	81%	26
American Indian / Alaska Native	23%	19%	15%	42%	289	26	90%	29
Multiple Race	38%	25%	19%	18%	408	68	87%	78
Hispanic only:								
- White	28%	21%	27%	24%	335	147	89%	166
- Black	0%	0%	50%	50%	181	2	67%	3
- Multiple / Other Race	47%	24%	6%	24%	397	17	68%	25
- Unknown Race	19%	23%	22%	36%	294	167	88%	190
Exposure Category by Gender								
Male only:								
- Male / Male Sex (MSM)	34%	24%	19%	22%	398	1,247	87%	1,434
- Injecting Drug Use (IDU)	19%	16%	16%	50%	223	70	85%	82
- MSM and IDU	38%	32%	16%	14%	440	151	85%	177
- Heterosexual Contact	12%	22%	22%	44%	220	41	85%	48
- Pediatric	73%	13%	7%	7%	875	15	83%	18
- Transfusion / Hemophiliac	---	---	---	---	---	0	---	0
- No Identified Risk	20%	13%	23%	45%	241	292	84%	347
Female only:								
- Injecting Drug Use	33%	21%	23%	23%	373	39	91%	43
- Heterosexual Contact	31%	20%	22%	28%	408	147	89%	166
- Pediatric	75%	0%	0%	25%	655	8	89%	9
- Transfusion / Hemophiliac	0%	0%	0%	0%	---	0	---	0
- No Identified Risk	28%	25%	16%	31%	354	140	89%	157

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

STATISTICS: NEW HIV CASES (continued)

Table 5. First CD4 Test Results among New HIV Cases, by County and Combined Local Health District (HD), 2010-2014

CD4 count, cells/ μ L:	Stage of Infection at HIV Diagnosis				Median CD4 Count	Cases with CD4 Information		Total Cases
	(among cases with CD4 information)					cells/ μ L	No.	
	≥ 500	350-499	200-349	< 200	No.			% of total
	%	%	%	%				
Adams Co.	0%	0%	100%	0%	210	1	100%	1
Asotin Co.	50%	0%	25%	25%	413	4	100%	4
Benton Co.	20%	31%	14%	34%	357	35	95%	37
Benton-Franklin HD	18%	30%	15%	38%	299	40	91%	44
Chelan Co.	22%	28%	6%	44%	310	18	95%	19
Chelan-Douglas HD	23%	27%	9%	41%	320	22	96%	23
Clallam Co.	10%	40%	10%	40%	317	10	83%	12
Clark Co.	25%	19%	25%	32%	287	113	85%	133
Columbia Co.	---	---	---	---	---	0	---	0
Cowlitz Co.	14%	21%	29%	36%	233	14	74%	19
Douglas Co.	25%	25%	25%	25%	320	4	100%	4
Ferry Co.	---	---	---	100%	136	1	100%	1
Franklin Co.	0%	20%	20%	60%	68	5	71%	7
Garfield Co.	---	---	---	---	---	0	---	0
Grant Co.	25%	38%	13%	25%	392	8	89%	9
Grays Harbor Co.	20%	13%	13%	53%	169	15	79%	19
Island Co.	14%	14%	14%	57%	89	7	58%	12
Jefferson Co.	0%	0%	50%	50%	186	2	50%	4
King Co.	34%	25%	19%	22%	396	1,301	92%	1,419
Kitsap Co.	35%	19%	23%	23%	428	26	76%	34
Kittitas Co.	0%	0%	33%	67%	30	3	100%	3
Klickitat Co.	0%	0%	0%	100%	4	1	100%	1
Lewis Co.	33%	17%	33%	17%	340	6	86%	7
Lincoln Co.	---	---	---	---	---	0	---	0
Mason Co.	32%	9%	32%	27%	297	22	71%	31
NE Tri-County HD	0%	0%	33%	67%	136	3	60%	5
Okanogan Co.	33%	0%	0%	67%	16	3	75%	4
Pacific Co.	0%	33%	33%	33%	342	3	100%	3
Pend Oreille Co.	---	---	---	---	---	0	---	0
Pierce Co.	34%	20%	12%	34%	364	181	66%	274
San Juan Co.	20%	20%	20%	40%	242	5	100%	5
Skagit Co.	39%	22%	22%	17%	391	23	88%	26
Skamania Co.	---	---	---	---	---	0	---	0
Snohomish Co.	29%	15%	29%	27%	318	150	88%	170
Spokane Co.	27%	20%	14%	38%	298	91	89%	102
Stevens Co.	0%	0%	50%	50%	159	2	50%	4
Thurston Co.	40%	20%	13%	27%	402	30	81%	37
Wahkiakum Co.	50%	50%	0%	0%	701	2	100%	2
Walla Walla Co.	0%	0%	50%	50%	162	2	67%	3
Whatcom Co.	32%	11%	5%	53%	174	19	76%	25
Whitman Co.	33%	0%	33%	33%	212	3	100%	3
Yakima Co.	20%	10%	18%	53%	174	40	85%	47
Statwide Total	31%	23%	19%	27%	372	2,150	87%	2,481

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

STATISTICS: PEOPLE LIVING WITH HIV

Table 6. People Living with HIV Disease as of December 31, 2014

	HIV (not AIDS)			AIDS			All Cases of HIV Disease		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
Total	5,711	100%	82.0	6,980	100%	100.2	12,691	100%	182.1
Gender									
Male	4,850	85%	139.7	6,031	86%	173.7	10,881	86%	313.4
Female	861	15%	24.6	949	14%	27.1	1,810	14%	51.8
Current Age									
< 13	45	1%	3.9	4	0%	1.1	49	0%	5.8
13 - 24	230	4%	25.0	72	1%	20.9	302	2%	90.4
25 - 34	1,123	20%	116.1	497	7%	91.6	1,620	13%	233.3
35 - 44	1,462	26%	160.7	1,387	20%	237.3	2,849	22%	421.1
45 - 54	1,755	31%	184.4	2,824	40%	264.9	4,579	36%	406.4
55+	1,096	19%	58.0	2,196	31%	80.4	3,292	26%	120.2
Race and Hispanic Origin*									
White	3,643	64%	73.9	4,398	63%	89.2	8,041	63%	163.0
Black	953	17%	385.2	1,116	16%	451.1	2,069	16%	836.2
Hispanic (all races)	703	12%	82.7	949	14%	111.6	1,652	13%	194.3
Asian	184	3%	35.0	234	3%	44.5	418	3%	79.5
Native Hawaiian / Pacific Islander	26	0%	59.4	40	1%	91.4	66	1%	150.8
American Indian / Alaska Native	58	1%	64.2	97	1%	107.4	155	1%	171.6
Multiple Race	138	2%	49.6	141	2%	50.7	279	2%	100.3
Hispanic only:									
- White	301	5%	41.5	310	4%	42.7	611	5%	84.2
- Black	13	0%	---	27	0%	113.0	40	0%	165.2
- Multiple / Other Race	47	1%	---	32	0%	---	79	1%	---
- Unknown Race	342	6%	---	580	8%	---	922	7%	---
Exposure Category by Gender									
Male only:									
- Male / Male Sex (MSM)	3,650	64%	---	4,070	58%	---	7,720	61%	---
- Injecting Drug Use (IDU)	179	3%	---	361	5%	---	540	4%	---
- MSM and IDU	461	8%	---	689	10%	---	1,150	9%	---
- Heterosexual Contact	131	2%	---	293	4%	---	424	3%	---
- Pediatric	30	1%	---	21	0%	---	51	0%	---
- Transfusion / Hemophiliac	7	0%	---	31	0%	---	38	0%	---
- No Identified Risk	392	7%	---	566	8%	---	958	8%	---
Female only:									
- Injecting Drug Use	109	2%	---	179	3%	---	288	2%	---
- Heterosexual Contact	526	9%	---	627	9%	---	1,153	9%	---
- Pediatric	36	1%	---	18	0%	---	54	0%	---
- Transfusion / Hemophiliac	5	0%	---	12	0%	---	17	0%	---
- No Identified Risk	185	3%	---	113	2%	---	298	2%	---

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

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

STATISTICS: PEOPLE LIVING WITH HIV (continued)

Table 7. Living HIV Cases* by Exposure Category, Gender and Race/Ethnicity, as of December 31, 2014

Exposure category	White		Black		Hispanic		Asian		American Indian / Alaska Native	
	No.	%	No.	%	No.	%	No.	%	No.	%
Males:										
Male / Male Sex (MSM)	5,571	76%	682	49%	969	67%	222	66%	57	53%
Injecting Drug Use (IDU)	328	4%	105	8%	76	5%	9	3%	10	9%
MSM and IDU	855	12%	96	7%	123	8%	9	3%	21	19%
Heterosexual Contact	143	2%	171	12%	82	6%	13	4%	9	8%
Pediatric	12	0%	29	2%	4	0%	2	1%	1	1%
Transfusion / Hemophiliac	31	0%	4	0%	2	0%	0	0%	0	0%
No Identified Risk	361	5%	292	21%	196	13%	79	24%	10	9%
Total Males	7,301	100%	1,379	100%	1,452	100%	334	100%	108	100%
Females:										
Injecting Drug Use (IDU)	186	25%	56	8%	21	11%	2	2%	12	26%
Heterosexual Contact	459	62%	438	63%	138	69%	56	67%	31	66%
Pediatric	13	2%	32	5%	7	4%	2	2%	0	0%
Transfusion / Hemophiliac	5	1%	8	1%	1	1%	3	4%	0	0%
No Identified Risk	77	10%	156	23%	33	17%	21	25%	4	9%
Total Females	740	100%	690	100%	200	100%	84	100%	47	100%

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

* Table excludes 66 Native Hawaiian and Pacific Islander cases due to small numbers. Also excluded are 279 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, 2014

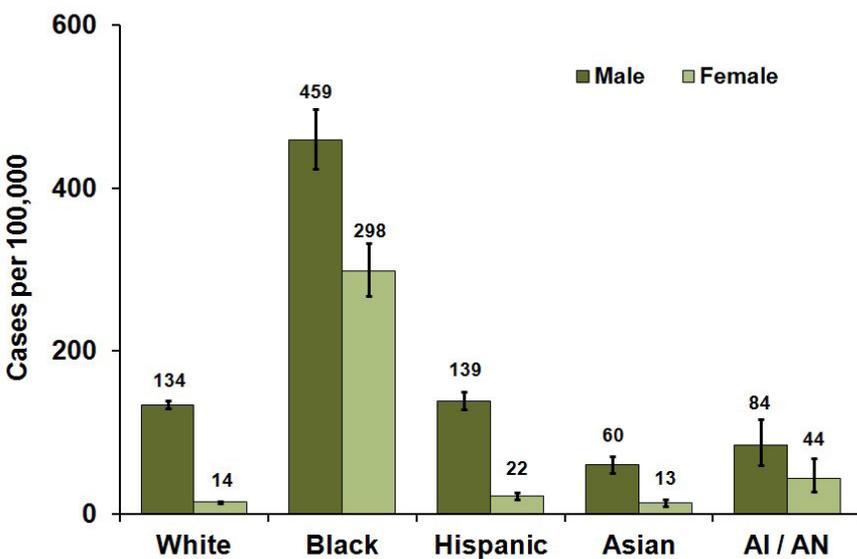
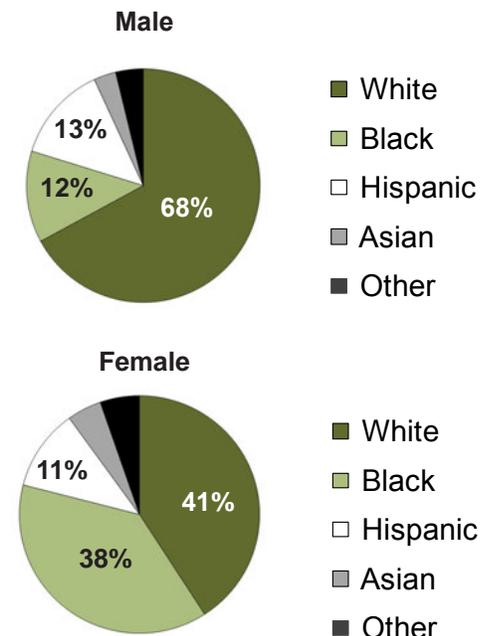


Figure 8. Living HIV Cases by Gender and Race/Ethnicity, as of December 31, 2014



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, 2014

	HIV (not AIDS)			AIDS			All Cases of HIV Disease		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
Adams Co.	3	0%	---	10	0%	---	13	0%	67.0
Asotin Co.	9	0%	---	13	0%	59.2	22	0%	100.2
Benton Co.	61	1%	32.7	64	1%	34.3	125	1%	67.0
Benton-Franklin HD	85	1%	31.1	103	1%	37.7	188	1%	68.8
Chelan Co.	24	0%	32.3	29	0%	39.0	53	0%	71.3
Chelan-Douglas HD	28	0%	24.6	36	1%	31.6	64	1%	56.1
Clallam Co.	29	1%	40.0	36	1%	49.7	65	1%	89.7
Clark Co.	284	5%	64.1	348	5%	78.6	632	5%	142.7
Columbia Co.	3	0%	---	5	0%	---	8	0%	---
Cowlitz Co.	50	1%	48.2	65	1%	62.7	115	1%	110.9
Douglas Co.	4	0%	---	7	0%	---	11	0%	---
Ferry Co.	1	0%	---	5	0%	---	6	0%	---
Franklin Co.	24	0%	27.7	39	1%	45.0	63	0%	72.7
Garfield Co.	0	0%	---	0	0%	---	0	0%	---
Grant Co.	16	0%	17.2	33	0%	35.5	49	0%	52.7
Grays Harbor Co.	27	0%	36.8	49	1%	66.8	76	1%	103.7
Island Co.	33	1%	41.3	37	1%	46.3	70	1%	87.5
Jefferson Co.	13	0%	42.3	24	0%	78.2	37	0%	120.5
King Co.	3,273	57%	162.3	3,747	54%	185.7	7,020	55%	348.0
Kitsap Co.	125	2%	48.8	169	2%	66.0	294	2%	114.9
Kittitas Co.	5	0%	---	22	0%	52.3	27	0%	64.1
Klickitat Co.	8	0%	---	9	0%	---	17	0%	81.5
Lewis Co.	14	0%	18.3	38	1%	49.8	52	0%	68.2
Lincoln Co.	2	0%	---	4	0%	---	6	0%	---
Mason Co.	37	1%	59.7	49	1%	79.0	86	1%	138.7
NE Tri-County HD	12	0%	18.5	22	0%	34.0	34	0%	52.5
Okanogan Co.	13	0%	31.2	23	0%	55.2	36	0%	86.3
Pacific Co.	12	0%	56.9	18	0%	85.3	30	0%	142.2
Pend Oreille Co.	2	0%	---	8	0%	---	10	0%	---
Pierce Co.	658	12%	80.1	733	11%	89.2	1,391	11%	169.4
San Juan Co.	11	0%	---	17	0%	105.6	28	0%	173.9
Skagit Co.	38	1%	31.8	49	1%	41.0	87	1%	72.8
Skamania Co.	2	0%	---	3	0%	---	5	0%	---
Snohomish Co.	400	7%	54.0	559	8%	75.4	959	8%	129.4
Spokane Co.	217	4%	44.8	294	4%	60.7	511	4%	105.5
Stevens Co.	9	0%	---	9	0%	---	18	0%	41.0
Thurston Co.	124	2%	47.0	158	2%	59.8	282	2%	106.8
Wahkiakum Co.	2	0%	---	3	0%	---	5	0%	---
Walla Walla Co.	15	0%	24.9	33	0%	54.9	48	0%	79.8
Whatcom Co.	68	1%	32.8	117	2%	56.4	185	1%	89.1
Whitman Co.	8	0%	---	9	0%	---	17	0%	36.6
Yakima Co.	87	2%	35.0	145	2%	58.3	232	2%	93.2
Statewide Total	5,711	100%	82.0	6,980	100%	100.2	12,691	100%	182.1

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

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

STATISTICS: PEOPLE LIVING WITH HIV (continued)

Table 9. Viral Load Test Results (Last 12 Months) among Living HIV Cases, as of December 31, 2014

Viral Load, copies/mL:	Viral Load (VL) Results in 2014 (among cases with VL information)			Suppressed VL among Total Cases in 2014	Cases with a Viral Load Result in 2014		Total Cases
	High VL	Suppressed VL			No.	% of total	
	≥ 100,000	201 - 99,999	≤ 200				
	%	%	%	%			No.
Total	2%	9%	89%	68%	9,692	76%	12,691
Gender							
Male	2%	9%	89%	68%	8,294	76%	10,881
Female	2%	12%	86%	66%	1,398	77%	1,810
Current Age							
< 13	0%	7%	93%	88%	46	94%	49
13 - 24	4%	22%	74%	62%	254	84%	302
25 - 34	3%	18%	80%	60%	1,222	75%	1,620
35 - 44	2%	10%	87%	66%	2,158	76%	2,849
45 - 54	2%	8%	91%	70%	3,526	77%	4,579
55+	1%	5%	94%	71%	2,486	76%	3,292
Race and Hispanic Origin*							
White	2%	8%	90%	70%	6,271	78%	8,041
Black	3%	12%	85%	63%	1,536	74%	2,069
Hispanic (all races)	2%	10%	88%	61%	1,140	69%	1,652
Asian	1%	7%	92%	76%	342	82%	418
Native Hawaiian / Pacific	2%	18%	80%	67%	55	83%	66
American Indian / Alaska Native	1%	15%	84%	66%	121	78%	155
Multiple Race	4%	13%	83%	65%	220	79%	279
Hispanic only:							
- White	2%	11%	87%	64%	453	74%	611
- Black	4%	19%	78%	53%	27	68%	40
- Multiple / Other Race	3%	17%	80%	61%	60	76%	79
- Unknown Race	2%	8%	90%	59%	600	65%	922
Exposure Category by Gender							
Male only:							
- Male / Male Sex (MSM)	1%	8%	91%	71%	6,062	79%	7,720
- Injecting Drug Use (IDU)	3%	13%	83%	55%	356	66%	540
- MSM and IDU	3%	14%	83%	63%	876	76%	1,150
- Heterosexual Contact	3%	7%	90%	61%	287	68%	424
- Pediatric	0%	13%	87%	65%	38	75%	51
- Transfusion / Hemophiliac	0%	6%	94%	82%	33	87%	38
- No Identified Risk	3%	11%	86%	57%	642	67%	958
Female only:							
- Injecting Drug Use	5%	20%	76%	57%	215	75%	288
- Heterosexual Contact	2%	10%	88%	67%	883	77%	1,153
- Pediatric	0%	15%	85%	76%	48	89%	54
- Transfusion / Hemophiliac	0%	0%	100%	59%	10	59%	17
- No Identified Risk	3%	12%	86%	69%	242	81%	298

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

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

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, 2014

Viral Load, copies/mL:	Viral Load (VL) Results in 2014 (among cases with VL information)			Suppressed VL among Total Cases in 2014	Cases with a Viral Load Result in 2014		Total Cases No.
	High VL ≥ 100,000	201 - 99,999	Suppressed VL ≤ 200		No.	% of total	
	%	%	%	%			
Adams Co.	9%	9%	82%	69%	11	85%	13
Asotin Co.	0%	6%	94%	77%	18	82%	22
Benton Co.	5%	13%	82%	55%	84	67%	125
Benton-Franklin HD	3%	14%	83%	56%	127	68%	188
Chelan Co.	0%	16%	84%	60%	38	72%	53
Chelan-Douglas HD	0%	17%	83%	59%	46	72%	64
Clallam Co.	2%	8%	90%	66%	48	74%	65
Clark Co.	2%	14%	83%	37%	282	45%	632
Columbia Co.	0%	0%	100%	100%	8	100%	8
Cowlitz Co.	0%	24%	76%	36%	54	47%	115
Douglas Co.	0%	25%	75%	55%	8	73%	11
Ferry Co.	0%	0%	100%	50%	3	50%	6
Franklin Co.	0%	16%	84%	57%	43	68%	63
Garfield Co.	---	---	---	---	0	---	0
Grant Co.	3%	14%	83%	59%	35	71%	49
Grays Harbor Co.	0%	8%	92%	64%	53	70%	76
Island Co.	2%	12%	86%	53%	43	61%	70
Jefferson Co.	4%	11%	85%	62%	27	73%	37
King Co.	2%	9%	90%	74%	5,775	82%	7,020
Kitsap Co.	0%	6%	93%	65%	206	70%	294
Kittitas Co.	5%	10%	86%	67%	21	78%	27
Klickitat Co.	0%	0%	100%	41%	7	41%	17
Lewis Co.	0%	10%	90%	67%	39	75%	52
Lincoln Co.	0%	0%	100%	50%	3	50%	6
Mason Co.	4%	11%	85%	45%	46	53%	86
NE Tri-County HD	0%	4%	96%	74%	26	76%	34
Okanogan Co.	5%	11%	84%	44%	19	53%	36
Pacific Co.	0%	15%	85%	37%	13	43%	30
Pend Oreille Co.	0%	0%	100%	90%	9	90%	10
Pierce Co.	2%	10%	87%	62%	985	71%	1,391
San Juan Co.	5%	10%	86%	64%	21	75%	28
Skagit Co.	2%	15%	83%	51%	53	61%	87
Skamania Co.	0%	25%	75%	60%	4	80%	5
Snohomish Co.	2%	8%	90%	72%	773	81%	959
Spokane Co.	2%	11%	87%	68%	400	78%	511
Stevens Co.	0%	7%	93%	72%	14	78%	18
Thurston Co.	1%	11%	88%	63%	203	72%	282
Wahkiakum Co.	---	---	---	0%	0	0%	5
Walla Walla Co.	0%	11%	89%	50%	27	56%	48
Whatcom Co.	1%	11%	88%	56%	117	63%	185
Whitman Co.	0%	15%	85%	65%	13	76%	17
Yakima Co.	1%	8%	90%	74%	189	81%	232
Statewide Total	2%	9%	89%	68%	9,692	76%	12,691

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.

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	
	2010-2014			1981-2014		1981-2014	
	No.	%	Rate	No.	%	No.	%
Total	1,289	100%	3.8	14,141	100%	6,564	100%
Gender							
Male	1,086	84%	6.4	12,696	90%	6,059	92%
Female	203	16%	1.2	1,445	10%	505	8%
Age at AIDS Diagnosis						Age at Death	
< 13	1	0%	0.0	32	0%	15	0%
13 - 24	73	6%	1.3	570	4%	67	1%
25 - 34	298	23%	6.3	4,684	33%	1,554	24%
35 - 44	352	27%	7.8	5,405	38%	2,657	40%
45 - 54	377	29%	7.8	2,479	18%	1,446	22%
55+	188	15%	2.1	971	7%	825	13%
Race and Hispanic Origin							
White	730	57%	3.0	10,219	72%	5,206	79%
Black	234	18%	19.6	1,760	12%	624	10%
Hispanic (all races)	184	14%	4.6	1,307	9%	405	6%
Asian	66	5%	2.7	305	2%	76	1%
Native Hawaiian / Pacific	12	1%	5.8	50	0%	16	0%
American Indian / Alaska Native	22	2%	4.9	224	2%	100	2%
Multiple or Unknown Race	41	3%	3.2	276	2%	137	2%
Hispanic only:							
- White	75	6%	2.2	407	3%	150	2%
- Black	5	0%	---	40	0%	17	0%
- Multiple / Other Race	10	1%	---	49	0%	18	0%
- Unknown Race	94	7%	---	811	6%	220	3%
Exposure Category by Gender							
Male only:							
- Male / Male Sex (MSM)	673	52%	---	8,947	63%	4,400	67%
- Injecting Drug Use (IDU)	69	5%	---	892	6%	459	7%
- MSM and IDU	110	9%	---	1,431	10%	703	11%
- Heterosexual Contact	37	3%	---	413	3%	117	2%
- Pediatric	2	0%	---	17	0%	7	0%
- Transfusion / Hemophiliac	0	0%	---	154	1%	106	2%
- No Identified Risk	195	15%	---	842	6%	267	4%
Female only:							
- Injecting Drug Use	42	3%	---	387	3%	187	3%
- Heterosexual Contact	98	8%	---	853	6%	246	4%
- Pediatric	4	0%	---	22	0%	8	0%
- Transfusion / Hemophiliac	2	0%	---	49	0%	29	0%
- No Identified Risk	57	4%	---	134	1%	35	1%

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of May 31, 2015.