



WASHINGTON STATE HIV SURVEILLANCE SEMI-ANNUAL REPORT 2nd EDITION 2015

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

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Publication Schedule: This report reflects events occurring through December 31, 2014 and reported by Dec 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 6,700 people have died as a result of the disease.
- Recently, the number of new HIV cases in Washington has decreased slightly: 492 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

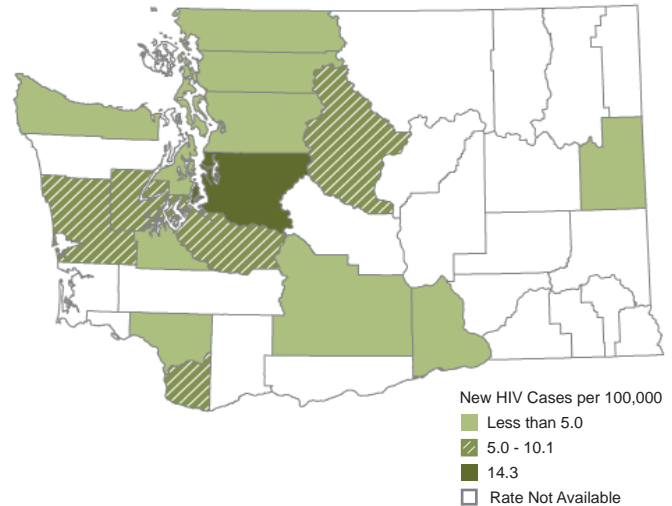


Figure 2. New HIV Cases, AIDS Cases, and Deaths from HIV or AIDS, 2005-2014

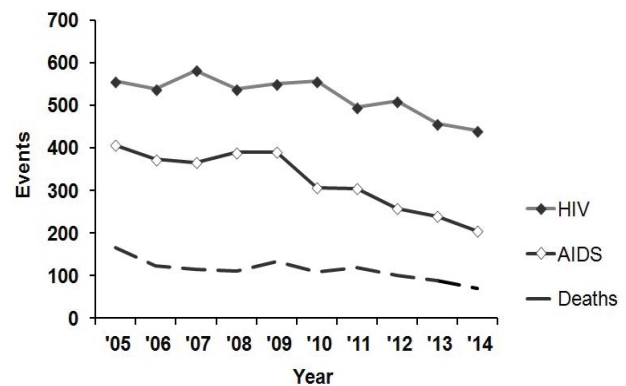
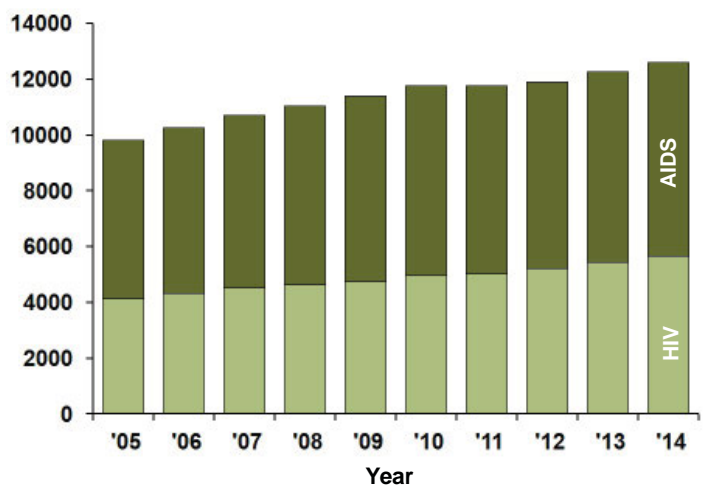


Figure 3. Living Cases of HIV Disease, 2005-2014



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:

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DEVELOPMENTS

Governor Inslee's Proclamation to End AIDS in Washington

On World AIDS Day (December 1, 2014), Governor Inslee issued a proclamation to End AIDS in Washington State (WA). This demonstrates Governor Inslee's commitment to advancing an end to the HIV epidemic, improving the health and quality of life for persons living with HIV (PLWH), reducing new HIV diagnoses, and addressing health disparities. The Proclamation to End AIDS in WA outlines five main goals:

- 1) 50% reduction in the rate of new HIV diagnoses by 2020.
- 2) Increase the percentage of people diagnosed with HIV who have suppressed viral loads to at least 75% by December 2016, and to 80% by 2020.
- 3) Reduction in age-adjusted mortality rates among persons with HIV by 25% by 2020.
- 4) Reduction in racial, ethnic, and other disparities for people living with and at risk of acquiring HIV.
- 5) Improved quality of life for people living with HIV.

While it is not possible to completely eradicate HIV in WA without a cure, a significant reduction in new diagnoses and in HIV-related disparities, along with an increase in percentage of people diagnosed with HIV who have suppressed viral loads, will greatly reduce the impact of AIDS in WA. These changes will also improve the quality of life for those currently living with HIV.

The proclamation tasked the HIV Planning Steering Group (HPSG), the statewide HIV treatment and prevention planning body, with overseeing a task force to create a set of recommendations on how the state can achieve these goals. The HPSG established the End AIDS Steering Team to engage in a community input process and draft the initial set of recommendations. The Steering Team included: PLWH, staff members of CBOs, an HIV medical provider, public health workers, and community members from Eastern and Western WA. The Steering Team outlined

10 recommendations to achieve the goals of End AIDS Washington, and each includes specific action items. The End AIDS Recommendations are:

- 1) Identify and Reduce Stigma Experienced by PLWH and Individuals at Risk for HIV
- 2) Address and Reduce HIV-Related Disparities
- 3) Implement Routine, Standardized HIV Screening for All WA Residents
- 4) Increase Access to Pre-Exposure Prophylaxis
- 5) Create a Healthcare System that Meets the Needs of Sexual Minorities
- 6) Remove Barriers in Insurance Coverage and Increase Healthcare Affordability for PLWH and Individuals at Risk for HIV
- 7) Increase Access to Safe, Stable, and Affordable Housing for PLWH and Individuals at Risk for HIV
- 8) Deliver Whole Person Healthcare to PLWH and Individuals at Risk for HIV, and Ensure Continuity of Integrated Care Across the Lifespan
- 9) Improve Sexual Health Education, Physical and Behavioral Health Services, and Social Supports and Interventions for WA Youth
- 10) Invigorate and Strengthen Meaningful Community Engagement and Empowerment for People and Communities Disproportionately Affected by HIV-Related Disparities and Stigma

HPSG is now reviewing comments and incorporating suggested revisions after publishing and distributing the report for public review. The final report and recommendations will be published in March, 2016 and sent to Governor Inslee and to DOH to begin carrying out the recommendations.

For more information about End AIDS Washington, contact Lydia Guy-Ortiz at (360) 236-3480 or email End.AIDS@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/ForPublicHealthandHealthcareProviders/NotifiableConditions/ListofNotifiableConditions>.

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.

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.

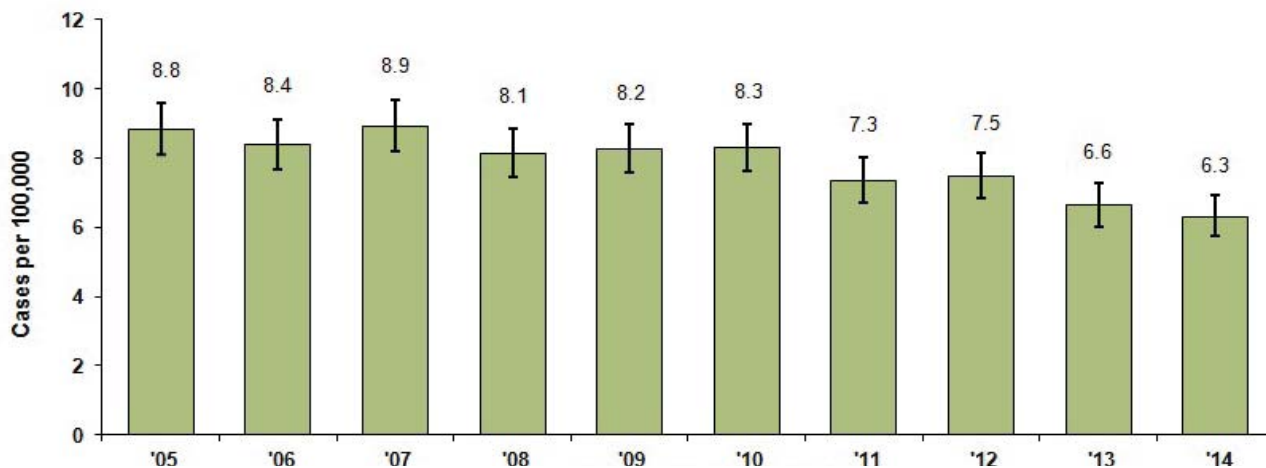
New HIV Case: A newly case of HIV disease, with or without AIDS, that has been diagnosed while living in Washington.

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	550	557	496	509	456	440	2,458 100%	7.2	33%	
Sex at Birth										
Male	461	486	428	422	383	364	2,083 85%	12.2	34%	
Female	89	71	68	87	73	76	375 15%	2.2	30%	
Age at HIV Diagnosis										
< 13	10	10	6	8	8	3	35 1%	0.6	---	
13 - 24	81	74	68	80	73	68	363 15%	6.6	16%	
25 - 34	157	169	147	158	129	136	739 30%	15.6	27%	
35 - 44	146	155	127	131	131	106	650 26%	14.3	35%	
45 - 54	109	104	91	89	84	90	458 19%	9.5	47%	
55+	47	45	57	43	31	37	213 9%	2.4	54%	
Race and Hispanic Origin										
White	319	320	282	287	245	226	1,360 55%	5.5	32%	
Black	92	79	89	95	87	96	446 18%	37.5	31%	
Hispanic (all races)	87	105	77	63	77	59	381 16%	9.5	36%	
Asian	25	26	24	31	24	38	143 6%	5.7	40%	
Native Hawaiian / Pacific Islander	3	1	5	7	7	5	25 1%	12.2	---	
American Indian / Alaska Native	6	8	5	5	4	6	28 1%	6.2	46%	
Multiple Race	18	18	14	21	12	10	75 3%	5.8	30%	
Hispanic only:										
- White	31	33	40	28	37	27	165 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	33	31	35	26	188 8%	---	41%	
Exposure Category by Sex at Birth										
Male only:										
- Male / Male Sex (MSM)	317	353	297	279	265	241	1,435 58%	---	30%	
- Injecting Drug Use (IDU)	18	24	17	15	14	12	82 3%	---	48%	
- MSM and IDU	44	28	47	41	33	28	177 7%	---	24%	
- Heterosexual Contact	13	17	9	6	5	9	46 2%	---	62%	
- Pediatric	4	7	4	1	3	2	17 1%	---	---	
- Transfusion / Hemophiliac	0	0	0	0	0	0	0 0%	---	---	
- No Identified Risk	65	57	54	80	63	72	326 13%	---	52%	
Female only:										
- Injecting Drug Use	9	9	14	7	6	8	44 2%	---	---	
- Heterosexual Contact	61	49	30	32	31	23	165 7%	---	33%	
- Pediatric	7	3	2	2	1	1	9 0%	---	---	
- Transfusion / Hemophiliac	0	0	0	0	0	0	0 0%	---	---	
- No Identified Risk	12	10	22	46	35	44	157 6%	---	31%	

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of Dec 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%	79%	6%	35%	58%	1,125	72%
Black	85%	37%	68%	15%	27%	61%	203	13%
Hispanic (all races)	92%	29%	85%	5%	26%	58%	110	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	80%	56%	44%	16%	52%	40%	25	2%
Multiple Race	94%	31%	81%	6%	30%	61%	64	4%
Total	90%	51%	77%	7%	33%	59%	1,554	100%
Foreign-Born**								
White	87%	54%	62%	12%	31%	81%	68	11%
Black	41%	64%	6%	18%	35%	67%	216	34%
Hispanic (all races)	90%	50%	62%	10%	45%	56%	218	34%
Asian	79%	55%	41%	10%	39%	68%	117	18%
Native Hawaiian / Pacific Islander	83%	33%	58%	17%	33%	58%	12	2%
American Indian / Alaska Native	---	---	---	---	---	---	0	0%
Multiple Race	50%	25%	25%	50%	50%	25%	4	1%
Total	71%	56%	39%	13%	39%	64%	635	100%

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

**Section excludes 269 cases for which we do not have information about their foreign-born status.

Figure 5. New HIV Case Rates by Race/Ethnicity and Sex at Birth, Washington State, 2010-2014

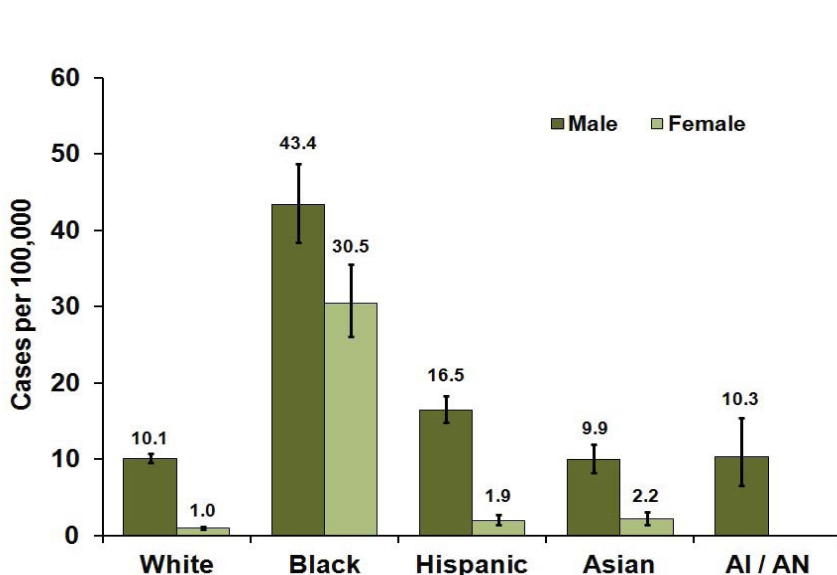
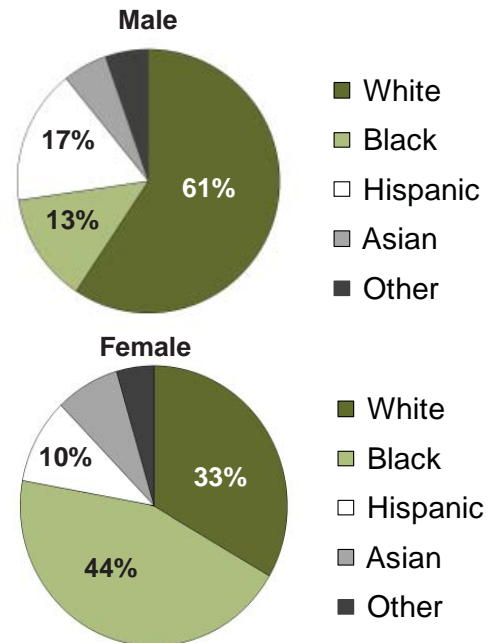


Figure 6. New HIV Cases by Sex at Birth and Race/Ethnicity, 2010-2014



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		Late HIV Diagnoses
	2009 No.	2010 No.	2011 No.	2012 No.	2013 No.	2014 No.	No.	%	Rate	1981-2014 No.	%	2009-2013 %	
Adams Co.	1	0	1	0	0	0	1	0%	---	9	0%	---	
Asotin Co.	2	2	1	0	1	0	4	0%	---	28	0%	---	
Benton Co.	7	7	12	5	7	7	38	2%	4.2	161	1%	37%	
Benton-Franklin HD	14	11	13	7	7	7	45	2%	3.4	251	1%	37%	
Chelan Co.	3	5	4	3	3	4	19	1%	5.2	92	0%	---	
Chelan-Douglas HD	4	7	5	3	5	4	24	1%	4.3	106	1%	50%	
Clallam Co.	3	1	3	4	3	1	12	0%	3.3	94	0%	---	
Clark Co.	23	31	28	26	25	21	131	5%	6.1	819	4%	44%	
Columbia Co.	0	0	0	0	0	0	0	0%	---	6	0%	---	
Cowlitz Co.	4	5	3	5	1	4	18	1%	3.5	164	1%	---	
Douglas Co.	1	2	1	0	2	0	5	0%	---	14	0%	---	
Ferry Co.	0	0	0	0	0	1	1	0%	---	8	0%	---	
Franklin Co.	7	4	1	2	0	0	7	0%	---	90	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	7	1	3	20	1%	5.5	110	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%	---	42	0%	---	
King Co.	301	323	270	286	251	273	1,403	57%	14.3	12,741	62%	29%	
Kitsap Co.	10	2	6	11	7	6	32	1%	2.5	351	2%	33%	
Kittitas Co.	0	0	0	0	2	1	3	0%	---	29	0%	---	
Klickitat Co.	0	0	0	1	0	0	1	0%	---	17	0%	---	
Lewis Co.	4	0	5	1	1	1	8	0%	---	70	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	146	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%	---	36	0%	---	
Pend Oreille Co.	0	0	0	0	0	0	0	0%	---	10	0%	---	
Pierce Co.	62	60	58	51	60	44	273	11%	6.8	1,924	9%	29%	
San Juan Co.	1	2	0	0	2	1	5	0%	---	32	0%	---	
Skagit Co.	1	4	5	4	9	5	27	1%	4.6	121	1%	---	
Skamania Co.	1	0	0	0	0	1	1	0%	---	11	0%	---	
Snohomish Co.	42	33	33	39	29	34	168	7%	4.6	1,220	6%	41%	
Spokane Co.	19	24	25	25	21	6	101	4%	4.2	850	4%	44%	
Stevens Co.	1	0	1	0	3	0	4	0%	---	31	0%	---	
Thurston Co.	12	12	7	4	8	5	36	1%	2.8	322	2%	28%	
Wahkiakum Co.	0	0	0	0	0	1	1	0%	---	4	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	270	1%	---	
Whitman Co.	1	1	1	0	0	1	3	0%	---	26	0%	---	
Yakima Co.	18	16	8	7	6	8	45	2%	3.7	315	2%	45%	
Statewide Total	550	557	496	509	456	440	2,458	100%	7.2	20,437	100%	33%	

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of Dec 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 cells/ μ L	Cases with CD4 Information		Total Cases No.
	≥ 500	350-499	200-349	< 200		No.	% of total	
	%	%	%	%				
Total	31%	23%	19%	27%	372	2,135	87%	2,458
Sex at Birth								
Male	31%	23%	19%	27%	375	1,801	86%	2,083
Female	32%	21%	19%	28%	362	334	89%	375
Age at HIV Diagnosis								
< 13	93%	7%	0%	0%	880	29	83%	35
13 - 24	40%	30%	17%	13%	436	288	79%	363
25 - 34	34%	25%	21%	20%	404	641	87%	739
35 - 44	30%	24%	20%	27%	376	592	91%	650
45 - 54	24%	16%	19%	41%	276	399	87%	458
55+	20%	15%	19%	46%	230	186	87%	213
Race and Hispanic Origin								
White	35%	23%	16%	26%	396	1,186	87%	1,360
Black	31%	21%	22%	26%	362	378	85%	446
Hispanic (all races)	24%	22%	24%	30%	314	330	87%	381
Asian	23%	24%	25%	27%	315	131	92%	143
Native Hawaiian / Pacific	5%	20%	35%	40%	266	20	80%	25
American Indian / Alaska Native	24%	20%	16%	40%	300	25	89%	28
Multiple Race	35%	25%	22%	18%	378	65	87%	75
Hispanic only:								
- White	27%	21%	27%	24%	331	146	88%	165
- Black	0%	0%	50%	50%	181	2	67%	3
- Multiple / Other Race	47%	24%	6%	24%	397	17	68%	25
- Unknown Race	19%	22%	22%	36%	294	165	88%	188
Exposure Category by Sex at Birth								
Male only:								
- Male / Male Sex (MSM)	34%	24%	19%	23%	398	1,250	87%	1,435
- Injecting Drug Use (IDU)	17%	16%	17%	50%	223	70	85%	82
- MSM and IDU	39%	32%	16%	14%	440	153	86%	177
- Heterosexual Contact	15%	18%	21%	46%	212	39	85%	46
- Pediatric	73%	13%	7%	7%	875	15	88%	17
- Transfusion / Hemophiliac	---	---	---	---	---	0	---	0
- No Identified Risk	18%	13%	24%	45%	236	274	84%	326
Female only:								
- Injecting Drug Use	35%	20%	23%	23%	385	40	91%	44
- Heterosexual Contact	32%	20%	22%	27%	408	146	88%	165
- Pediatric	75%	0%	0%	25%	655	8	89%	9
- Transfusion / Hemophiliac	0%	0%	0%	0%	---	0	---	0
- No Identified Risk	29%	24%	16%	31%	354	140	89%	157

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of Dec 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.		% of total
	≥ 500	350-499	200-349	< 200					
	%	%	%	%				No.	
Adams Co.	0%	0%	100%	0%	210	1	100%	1	
Asotin Co.	50%	0%	25%	25%	413	4	100%	4	
Benton Co.	22%	31%	14%	33%	361	36	95%	38	
Benton-Franklin HD	20%	29%	15%	37%	299	41	91%	45	
Chelan Co.	22%	28%	6%	44%	310	18	95%	19	
Chelan-Douglas HD	26%	26%	9%	39%	352	23	96%	24	
Clallam Co.	10%	40%	10%	40%	317	10	83%	12	
Clark Co.	24%	19%	25%	31%	288	108	82%	131	
Columbia Co.	---	---	---	---	---	0	---	0	
Cowlitz Co.	13%	20%	27%	40%	220	15	83%	18	
Douglas Co.	40%	20%	20%	20%	352	5	100%	5	
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.	19%	13%	13%	56%	157	16	80%	20	
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%	398	1,289	92%	1,403	
Kitsap Co.	32%	20%	24%	24%	426	25	78%	32	
Kittitas Co.	0%	0%	33%	67%	30	3	100%	3	
Klickitat Co.	0%	0%	0%	100%	4	1	100%	1	
Lewis Co.	29%	14%	43%	14%	248	7	88%	8	
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.	33%	20%	14%	33%	362	183	67%	273	
San Juan Co.	20%	20%	20%	40%	242	5	100%	5	
Skagit Co.	38%	21%	25%	17%	378	24	89%	27	
Skamania Co.	---	---	---	---	---	0	0%	1	
Snohomish Co.	29%	15%	29%	27%	317	149	89%	168	
Spokane Co.	28%	19%	15%	38%	298	89	88%	101	
Stevens Co.	0%	0%	50%	50%	159	2	50%	4	
Thurston Co.	40%	20%	13%	27%	402	30	83%	36	
Wahkiakum Co.	---	100%	0%	0%	446	1	100%	1	
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.	21%	10%	18%	51%	177	39	87%	45	
Statwide Total	31%	23%	19%	27%	372	2,135	87%	2,458	

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of Dec 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	5,647	100%	81.0	6,935	100%	99.5	12,582	100%	180.6
Sex at Birth									
Male	4,780	85%	137.7	5,997	86%	172.7	10,777	86%	310.4
Female	867	15%	24.8	938	14%	26.8	1,805	14%	51.6
Current Age									
< 13	46	1%	4.0	1	0%	0.7	47	0%	5.8
13 - 24	239	4%	25.9	66	1%	20.6	305	2%	89.2
25 - 34	1,096	19%	113.3	495	7%	91.0	1,591	13%	230.1
35 - 44	1,452	26%	159.6	1,381	20%	235.6	2,833	23%	418.0
45 - 54	1,731	31%	181.9	2,801	40%	263.7	4,532	36%	403.2
55+	1,083	19%	57.3	2,191	32%	80.2	3,274	26%	119.7
Race and Hispanic Origin*									
White	3,593	64%	72.8	4,377	63%	88.7	7,970	63%	161.6
Black	945	17%	381.9	1,095	16%	442.6	2,040	16%	824.5
Hispanic (all races)	702	12%	82.6	946	14%	111.3	1,648	13%	193.8
Asian	184	3%	35.0	232	3%	44.1	416	3%	79.1
Native Hawaiian / Pacific Islander	26	0%	59.4	39	1%	89.1	65	1%	148.6
American Indian / Alaska Native	58	1%	64.2	97	1%	107.4	155	1%	171.6
Multiple Race	134	2%	48.2	144	2%	51.8	278	2%	100.0
Hispanic only:									
- White	303	5%	41.6	311	4%	42.8	614	5%	84.5
- Black	13	0%	---	27	0%	113.0	40	0%	165.2
- Multiple / Other Race	48	1%	---	32	0%	---	80	1%	---
- Unknown Race	338	6%	---	576	8%	---	914	7%	---
Exposure Category by Sex at Birth									
Male only:									
- Male / Male Sex (MSM)	3,596	64%	---	4,060	59%	---	7,656	61%	---
- Injecting Drug Use (IDU)	177	3%	---	359	5%	---	536	4%	---
- MSM and IDU	459	8%	---	685	10%	---	1,144	9%	---
- Heterosexual Contact	131	2%	---	290	4%	---	421	3%	---
- Pediatric	33	1%	---	16	0%	---	49	0%	---
- Transfusion / Hemophiliac	7	0%	---	31	0%	---	38	0%	---
- No Identified Risk	377	7%	---	556	8%	---	933	7%	---
Female only:									
- Injecting Drug Use	110	2%	---	181	3%	---	291	2%	---
- Heterosexual Contact	524	9%	---	622	9%	---	1,146	9%	---
- Pediatric	41	1%	---	13	0%	---	54	0%	---
- Transfusion / Hemophiliac	5	0%	---	12	0%	---	17	0%	---
- No Identified Risk	187	3%	---	110	2%	---	297	2%	---

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

* Section excludes 10 cases (5 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, Sex at Birth 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)	5,527	76%	672	50%	964	67%	221	67%	57	53%
Injecting Drug Use (IDU)	326	5%	104	8%	74	5%	9	3%	10	9%
MSM and IDU	846	12%	95	7%	125	9%	9	3%	21	19%
Heterosexual Contact	143	2%	168	12%	82	6%	13	4%	9	8%
Pediatric	11	0%	28	2%	4	0%	2	1%	1	1%
Transfusion / Hemophiliac	31	0%	4	0%	2	0%	0	0%	0	0%
No Identified Risk	348	5%	283	21%	195	13%	78	23%	10	9%
Total Males	7,232	100%	1,354	100%	1,446	100%	332	100%	108	100%
Females:										
Injecting Drug Use (IDU)	189	26%	54	8%	23	11%	2	2%	12	26%
Heterosexual Contact	455	62%	434	63%	139	69%	56	67%	31	66%
Pediatric	13	2%	32	5%	7	3%	2	2%	0	0%
Transfusion / Hemophiliac	5	1%	8	1%	1	0%	3	4%	0	0%
No Identified Risk	76	10%	158	23%	32	16%	21	25%	4	9%
Total Females	738	100%	686	100%	202	100%	84	100%	47	100%

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

* Table excludes 65 Native Hawaiian and Pacific Islander cases due to small numbers. Also excluded are 278 cases reported as belonging to more than one racial or ethnic group, and 10 cases that are missing any information about race or ethnicity.

Figure 7. Living HIV Case Rates by Race/Ethnicity and Sex at Birth, as of December 31, 2014

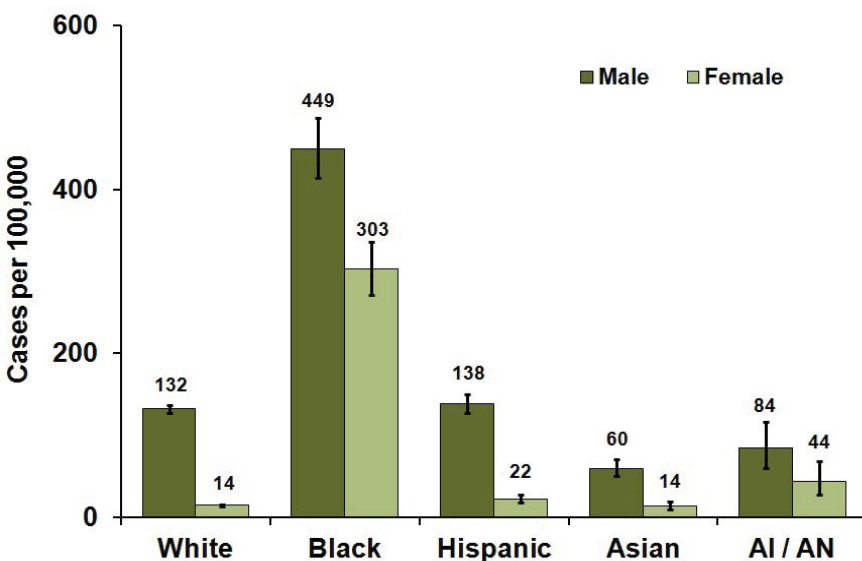
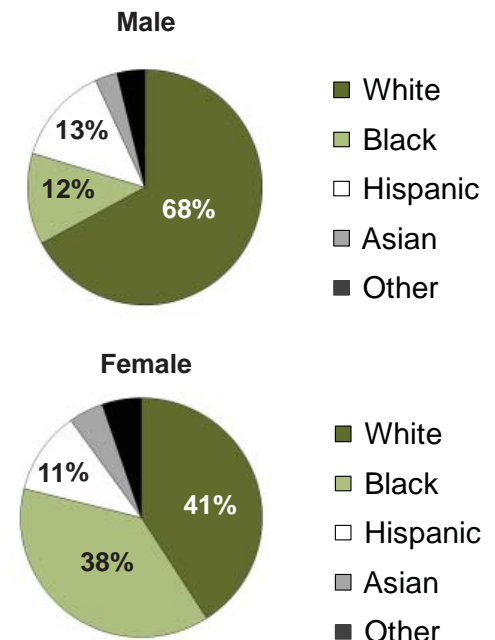


Figure 8. Living HIV Cases by Sex at Birth and Race/Ethnicity, as of December 31, 2014



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.	63	1%	33.8	62	1%	33.2	125	1%	67.0
Benton-Franklin HD	88	2%	32.2	104	1%	38.1	192	2%	70.3
Chelan Co.	24	0%	32.3	28	0%	37.7	52	0%	70.0
Chelan-Douglas HD	29	1%	25.4	35	1%	30.7	64	1%	56.1
Clallam Co.	29	1%	40.0	37	1%	51.0	66	1%	91.0
Clark Co.	287	5%	64.8	351	5%	79.3	638	5%	144.1
Columbia Co.	3	0%	---	5	0%	---	8	0%	---
Cowlitz Co.	49	1%	47.3	65	1%	62.7	114	1%	109.9
Douglas Co.	5	0%	---	7	0%	---	12	0%	30.2
Ferry Co.	1	0%	---	5	0%	---	6	0%	---
Franklin Co.	25	0%	28.9	42	1%	48.5	67	1%	77.4
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	50	1%	68.2	77	1%	105.0
Island Co.	34	1%	42.5	38	1%	47.5	72	1%	90.0
Jefferson Co.	13	0%	42.3	24	0%	78.2	37	0%	120.5
King Co.	3,223	57%	159.8	3,708	53%	183.8	6,931	55%	343.6
Kitsap Co.	123	2%	48.1	168	2%	65.7	291	2%	113.7
Kittitas Co.	5	0%	---	23	0%	54.6	28	0%	66.5
Klickitat Co.	8	0%	---	9	0%	---	17	0%	81.5
Lewis Co.	15	0%	19.7	38	1%	49.8	53	0%	69.5
Lincoln Co.	2	0%	---	4	0%	---	6	0%	---
Mason Co.	38	1%	61.3	48	1%	77.4	86	1%	138.7
NE Tri-County HD	12	0%	18.5	20	0%	30.9	32	0%	49.4
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%	---	7	0%	---	9	0%	---
Pierce Co.	647	11%	78.8	729	11%	88.8	1,376	11%	167.5
San Juan Co.	11	0%	---	16	0%	99.4	27	0%	167.7
Skagit Co.	39	1%	32.6	49	1%	41.0	88	1%	73.6
Skamania Co.	3	0%	---	3	0%	---	6	0%	---
Snohomish Co.	397	7%	53.6	550	8%	74.2	947	8%	127.8
Spokane Co.	215	4%	44.4	295	4%	60.9	510	4%	105.3
Stevens Co.	9	0%	---	8	0%	---	17	0%	38.7
Thurston Co.	119	2%	45.1	160	2%	60.6	279	2%	105.7
Wahkiakum Co.	1	0%	---	4	0%	---	5	0%	---
Walla Walla Co.	15	0%	24.9	33	0%	54.9	48	0%	79.8
Whatcom Co.	68	1%	32.8	116	2%	55.9	184	1%	88.6
Whitman Co.	7	0%	---	10	0%	---	17	0%	36.6
Yakima Co.	87	2%	35.0	146	2%	58.7	233	2%	93.6
Statewide Total	5,647	100%	81.0	6,935	100%	99.5	12,582	100%	180.6

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of Dec 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 ≥ 100,000	201 - 99,999	Suppressed VL ≤ 200		No.	% of total	
	%	%	%	%			No.
Total	2%	9%	89%	68%	9,679	77%	12,582
Sex at Birth							
Male	2%	9%	89%	69%	8,276	77%	10,777
Female	2%	12%	86%	67%	1,403	78%	1,805
Current Age							
< 13	0%	4%	96%	91%	45	96%	47
13 - 24	4%	23%	74%	62%	257	84%	305
25 - 34	3%	17%	80%	61%	1,217	76%	1,591
35 - 44	2%	11%	87%	67%	2,159	76%	2,833
45 - 54	2%	8%	91%	70%	3,518	78%	4,532
55+	1%	5%	94%	71%	2,483	76%	3,274
Race and Hispanic Origin*							
White	2%	8%	90%	71%	6,266	79%	7,970
Black	3%	12%	85%	64%	1,532	75%	2,040
Hispanic (all races)	2%	10%	88%	61%	1,137	69%	1,648
Asian	1%	6%	93%	76%	341	82%	416
Native Hawaiian / Pacific	2%	18%	80%	68%	55	85%	65
American Indian / Alaska Native	1%	15%	84%	66%	121	78%	155
Multiple Race	4%	13%	83%	66%	221	79%	278
Hispanic only:							
- White	2%	12%	87%	64%	452	74%	614
- Black	4%	19%	78%	53%	27	68%	40
- Multiple / Other Race	3%	17%	80%	60%	60	75%	80
- Unknown Race	2%	8%	90%	59%	598	65%	914
Exposure Category by Sex at Birth							
Male only:							
- Male / Male Sex (MSM)	1%	8%	91%	72%	6,057	79%	7,656
- Injecting Drug Use (IDU)	3%	14%	83%	55%	355	66%	536
- MSM and IDU	2%	14%	83%	64%	875	76%	1,144
- Heterosexual Contact	3%	8%	89%	61%	288	68%	421
- Pediatric	0%	11%	89%	67%	37	76%	49
- Transfusion / Hemophiliac	0%	6%	94%	82%	33	87%	38
- No Identified Risk	3%	11%	87%	59%	631	68%	933
Female only:							
- Injecting Drug Use	5%	20%	76%	57%	219	75%	291
- Heterosexual Contact	2%	10%	88%	68%	885	77%	1,146
- Pediatric	0%	14%	86%	78%	49	91%	54
- Transfusion / Hemophiliac	0%	0%	100%	59%	10	59%	17
- No Identified Risk	3%	11%	86%	70%	240	81%	297

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

* Section excludes 10 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%	83%	57%	86	69%	125
Benton-Franklin HD	3%	15%	82%	56%	131	68%	192
Chelan Co.	0%	16%	84%	62%	38	73%	52
Chelan-Douglas HD	0%	17%	83%	59%	46	72%	64
Clallam Co.	2%	8%	90%	65%	48	73%	66
Clark Co.	2%	14%	84%	37%	283	44%	638
Columbia Co.	0%	0%	100%	100%	8	100%	8
Cowlitz Co.	0%	24%	76%	36%	54	47%	114
Douglas Co.	0%	25%	75%	50%	8	67%	12
Ferry Co.	0%	0%	100%	50%	3	50%	6
Franklin Co.	0%	18%	82%	55%	45	67%	67
Garfield Co.	---	---	---	---	0	---	0
Grant Co.	3%	14%	83%	59%	35	71%	49
Grays Harbor Co.	0%	7%	93%	65%	54	70%	77
Island Co.	2%	11%	86%	53%	44	61%	72
Jefferson Co.	4%	11%	85%	62%	27	73%	37
King Co.	2%	8%	90%	74%	5,754	83%	6,931
Kitsap Co.	0%	6%	93%	66%	206	71%	291
Kittitas Co.	5%	9%	86%	68%	22	79%	28
Klickitat Co.	0%	0%	100%	41%	7	41%	17
Lewis Co.	0%	10%	90%	66%	39	74%	53
Lincoln Co.	0%	0%	100%	50%	3	50%	6
Mason Co.	4%	11%	85%	47%	47	55%	86
NE Tri-County HD	0%	4%	96%	75%	25	78%	32
Okanogan Co.	5%	11%	84%	44%	19	53%	36
Pacific Co.	0%	15%	85%	37%	13	43%	30
Pend Oreille Co.	0%	0%	100%	100%	9	100%	9
Pierce Co.	2%	11%	87%	63%	989	72%	1,376
San Juan Co.	5%	10%	86%	67%	21	78%	27
Skagit Co.	2%	18%	80%	50%	55	63%	88
Skamania Co.	0%	25%	75%	50%	4	67%	6
Snohomish Co.	2%	8%	90%	73%	767	81%	947
Spokane Co.	1%	11%	87%	69%	402	79%	510
Stevens Co.	0%	8%	92%	71%	13	76%	17
Thurston Co.	1%	11%	88%	64%	202	72%	279
Wahkiakum Co.	---	---	---	0%	0	0%	5
Walla Walla Co.	0%	11%	89%	50%	27	56%	48
Whatcom Co.	1%	10%	89%	57%	117	64%	184
Whitman Co.	0%	15%	85%	65%	13	76%	17
Yakima Co.	1%	9%	90%	73%	188	81%	233
Statewide Total	2%	9%	89%	68%	9,679	77%	12,582

All HIV/AIDS surveillance data reported to the Washington State Department of Health as of Dec 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	1,315	100%	3.8	14,338	100%	6,730	100%
Sex at Birth							
Male	1,107	84%	6.5	12,850	90%	6,206	92%
Female	208	16%	1.2	1,488	10%	524	8%
Age at AIDS Diagnosis						Age at Death	
< 13	0	0%	0.0	32	0%	15	0%
13 - 24	74	6%	1.4	580	4%	70	1%
25 - 34	304	23%	6.4	4,734	33%	1,594	24%
35 - 44	354	27%	7.8	5,451	38%	2,701	40%
45 - 54	390	30%	8.1	2,543	18%	1,478	22%
55+	193	15%	2.2	998	7%	872	13%
Race and Hispanic Origin							
White	748	57%	3.0	10,322	72%	5,336	79%
Black	235	18%	19.7	1,800	13%	640	10%
Hispanic (all races)	187	14%	4.7	1,335	9%	416	6%
Asian	65	5%	2.6	313	2%	77	1%
Native Hawaiian / Pacific	13	1%	6.3	52	0%	16	0%
American Indian / Alaska Native	23	2%	5.1	226	2%	103	2%
Multiple or Unknown Race	44	3%	3.4	290	2%	142	2%
Hispanic only:							
- White	77	6%	2.3	421	3%	156	2%
- Black	5	0%	---	42	0%	17	0%
- Multiple / Other Race	10	1%	---	51	0%	18	0%
- Unknown Race	95	7%	---	821	6%	225	3%
Exposure Category by Sex at Birth							
Male only:							
- Male / Male Sex (MSM)	694	53%	---	9,053	63%	4,503	67%
- Injecting Drug Use (IDU)	70	5%	---	903	6%	474	7%
- MSM and IDU	112	9%	---	1,444	10%	724	11%
- Heterosexual Contact	37	3%	---	414	3%	118	2%
- Pediatric	2	0%	---	16	0%	7	0%
- Transfusion / Hemophiliac	0	0%	---	156	1%	109	2%
- No Identified Risk	192	15%	---	864	6%	271	4%
Female only:							
- Injecting Drug Use	46	3%	---	397	3%	192	3%
- Heterosexual Contact	102	8%	---	872	6%	257	4%
- Pediatric	3	0%	---	23	0%	8	0%
- Transfusion / Hemophiliac	2	0%	---	49	0%	29	0%
- No Identified Risk	55	4%	---	147	1%	38	1%

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