In Washington, the first case of HIV infection was diagnosed in 1981.

The number of new HIV cases in Washington (n=443 in 2017) has remained stable in recent years.

By the end of 2017, over 14,000 people were estimated to be living with HIV across Washington State, of who approximately 91% have been diagnosed.

Roughly three out of four living cases of HIV infection in Washington appear to be receiving optimal HIV medical care.
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 printed 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

ABOUT THIS PUBLICATION

This surveillance report reflects events occurring through December 31, 2017 and reported by June 30, 2018, unless otherwise stated. Reports are published annually.

HIV REPORTING REQUIREMENTS


Washington health care providers are required to report all HIV infections, regardless of the date of the patient’s initial diagnosis, to the health department. Providers are also required to report new diagnoses of AIDS in a person previously diagnosed with HIV infection. Local health department officials forward case reports to the state department of health. Names are never sent to the federal government.

Laboratories are required to report any evidence of HIV infection (i.e., positive western blot assays, p24 antigen detection, viral culture, and nucleic acid detection), all HIV viral load tests (detectable or not), and all CD4 counts in the setting of HIV infection. If the laboratory cannot distinguish tests, such as CD4 counts, done due to HIV versus other diseases (such as cancer), the CD4 counts should be reported and the health department will investigate. However, laboratory reporting does not relieve health care providers of their duty to report, as most of the critical information necessary for surveillance and follow-up is not available to laboratories.

For further information about HIV/AIDS reporting requirements, please call your local health department or the Washington State Department of Health at 888-367-5555. In King County, call 206-263-2000.

SUGGESTED CITATION


ALTERNATIVE FORMATS

Electronic copies of this report are available at: https://www.doh.wa.gov/DataandStatisticalReports/DiseasesandChronicConditions/HIVAIDSData/SurveillanceReports

EDITORIAL NOTES

The 2017 statewide surveillance report contained an error and incorrect values were presented for care metrics among transgender women (Figure 16). We apologize for the error.
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 often suggests that a person has been HIV-positive for many years.

**Age-Adjusted Death Rate:** The age-adjusted rate of HIV deaths per 100,000 residents. Age-adjustment is a statistical process which allows rates from different communities to be compared in way that controls for differences between each population's age structure. This can also be called an age-adjusted mortality rate.

**Blood Exposure:** A mode of HIV exposure which involves the transfusion of human blood (or blood products) or the transplantation of human tissue.

**Case:** A person with HIV infection 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 Fatality Rate:** The rate of HIV deaths per 1,000 living HIV cases, usually within a calendar year.

**Case Rate:** The number of reported HIV cases (either new or living) divided by the estimated number of persons residing in a given area and presumed to be at risk for disease. In this report, rates are described as cases per 100,000 persons. Rates with a relative standard error equal to 30% or greater have been suppressed.

**CD4 Count:** The concentration of a certain type of white blood cell circulating within a person’s bloodstream. CD4 count (cells/µL) provides a good indication of a patient’s stage of HIV disease.

**Cisgender:** Refers to a person whose gender identity is the same as the sex which was assigned to them at birth.

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

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

**Current Residence:** see Living HIV Case

**Foreign-born:** Persons born outside the United States. If information about country of birth is missing, a case is presumed to be U.S.-born.

**Heterosexual sex:** Sex between a man and a woman. When gender of sex partner is unknown, this is the presumed mode of HIV exposure among sexually active women.

**HIV:** Human Immunodeficiency Virus. The virus that causes HIV disease, including AIDS. HIV weakens a person’s immune system by destroying T cells that fight disease and prevent infection.

**HIV Care Continuum:** A model that outlines the sequential stages of HIV medical care experienced by persons living with HIV, from diagnosis to virologic suppression. Also referred to as the HIV treatment cascade.

**HIV Deaths:** Deaths among among resident, diagnosed cases of HIV infection.

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

**HIV Incidence:** A measure of disease frequency describing the number of people newly infected with HIV within a specified time period, often a calendar year. Since not all new HIV infections are diagnosed or reported, we can only estimate HIV incidence. New HIV cases are often used as a proxy measure of HIV incidence.

**HIV Prevalence:** A measure of disease frequency describing the number of persons living with HIV infection within a specified time period. Since not all persons living with HIV have been diagnosed or reported, we can only estimate HIV prevalence. Living HIV cases are often used as a proxy measure of HIV prevalence (i.e. reported prevalence).

**HIV Surveillance:** The ongoing and systematic collection, evaluation, and dissemination of population-based information about people diagnosed and living with HIV infection and AIDS.
DEFINITIONS (continued)

**Injection Drug Use (IDU):** The behavior of using needles, syringes, and other drug injection equipment to take drugs, usually without a prescription. The sharing of drug injection equipment is common mode of HIV exposure.

**Late HIV Diagnosis:** An event in which a case is diagnosed with AIDS within 12 months of HIV diagnosis. A late HIV diagnosis suggests that a person has been infected for many years and was not routinely screened for HIV infection prior to diagnosis. DOH closely monitors the proportion of new HIV cases that are diagnosed late each year.

**Linkage to Care:** The proportion of new HIV cases who appear to have completed an HIV medical care visit within 30 days the date of their HIV diagnosis, usually based on the report of HIV-related laboratory results. This is a key performance measure within the HIV care continuum.

**Living HIV Case:** A resident, diagnosed case of HIV infection within a specified time period. Living cases can include persons who were originally diagnosed while living outside Washington state. Living HIV cases are often used as a proxy measure of HIV prevalence. Residency is based on vital status and address information collected and stored within the state’s HIV surveillance registry. Also referred to as ‘Ever Diagnosed’ or ‘person living with diagnosed HIV infection.’

**Male-male sex:** The behavior of men having sex with other men. Condomless anal intercourse between men is the most common mode of HIV exposure in the U.S.

**Men Having Sex with Men (MSM):** In this report, refers to men who report any history of male-male sex since 1977.

**Mode of Exposure:** The manner in which a case was most likely to have been infected by HIV, based on reported HIV risk behaviors. A case can only be attributed to one mode of exposure, although re-categorization is possible as new information becomes available.

**New HIV Case:** A new case of HIV infection diagnosed while living in Washington state. New HIV cases include persons with and without AIDS. New HIV cases are often used as a proxy measure of HIV incidence.

**Person Who Injects Drugs (PWID):** In this report, describes cases reporting any history of injection drug use (IDU) since 1977.

**Pediatric Exposure:** A mode of HIV exposure which involve children ages 12 and under. These cases are often the result of mother-to-child (or perinatal) transmission.

**Transgender:** Refers to a person whose gender identity is inconsistent with the sex which was assigned to them at birth. Transgender women who have sex with men (TSM) have higher risk for HIV infection compared to cisgender women.

**Reporting Delay:** This refers to the length of time between the dates when a case-related event occurs and when information about that event is reported to the health department. In Washington state, most HIV-related reporting delays are less than 3 months in length, but some last much longer.

**Viral Load:** This is the concentration of viral copies circulating within a person's blood plasma. Reducing viral load improves patient health and reduces their ability to infect others. Viral load can be reduced by HIV medication, and is a good indication of whether a person is receiving optimal HIV medical care.

**Virologic Suppression:** The reduction of a person’s HIV viral load to ≤ 200 copies/mL. The proportion of living HIV cases who have achieved virologic suppression is a key performance measure within the HIV care continuum. Sometimes described as ‘viral load suppression’ or ‘viral suppression.’
# STATISTICS: NEW HIV CASES

Table 1. New HIV Cases, including Late HIV Diagnoses and Linkage to Care, by Demographic and Risk Characteristics, WA State, 2017

<table>
<thead>
<tr>
<th></th>
<th>New HIV Cases</th>
<th>Late HIV Diagnoses*</th>
<th>Initial Linkage to HIV Care**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no.</td>
<td>column %</td>
<td>rate</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>445</td>
<td>100%</td>
<td>6.1</td>
</tr>
<tr>
<td><strong>Gender</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>341</td>
<td>77%</td>
<td>9.3</td>
</tr>
<tr>
<td>Female</td>
<td>96</td>
<td>22%</td>
<td>2.6</td>
</tr>
<tr>
<td>Transgender male</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>Transgender female</td>
<td>7</td>
<td>2%</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>Age at HIV Diagnosis</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 13</td>
<td>3</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>13-24</td>
<td>62</td>
<td>14%</td>
<td>5.5</td>
</tr>
<tr>
<td>25-34</td>
<td>159</td>
<td>36%</td>
<td>15.6</td>
</tr>
<tr>
<td>35-44</td>
<td>84</td>
<td>19%</td>
<td>8.9</td>
</tr>
<tr>
<td>45-54</td>
<td>82</td>
<td>18%</td>
<td>8.6</td>
</tr>
<tr>
<td>55-64</td>
<td>44</td>
<td>10%</td>
<td>3.7</td>
</tr>
<tr>
<td>65+</td>
<td>11</td>
<td>2%</td>
<td>1.2</td>
</tr>
<tr>
<td><strong>Race/ethnicity</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AI/AN+</td>
<td>6</td>
<td>1%</td>
<td>6.5</td>
</tr>
<tr>
<td>Asian</td>
<td>26</td>
<td>6%</td>
<td>4.3</td>
</tr>
<tr>
<td>Black</td>
<td>115</td>
<td>26%</td>
<td>42.7</td>
</tr>
<tr>
<td>Foreign-bornα</td>
<td>76</td>
<td>17%</td>
<td>123.3</td>
</tr>
<tr>
<td>U.S.-bornα</td>
<td>31</td>
<td>7%</td>
<td>15.6</td>
</tr>
<tr>
<td>Hispanic</td>
<td>92</td>
<td>21%</td>
<td>9.8</td>
</tr>
<tr>
<td>Foreign-bornα</td>
<td>51</td>
<td>11%</td>
<td>17.1</td>
</tr>
<tr>
<td>U.S.-bornα</td>
<td>31</td>
<td>7%</td>
<td>4.8</td>
</tr>
<tr>
<td>NHOPi+</td>
<td>3</td>
<td>1%</td>
<td>1.0</td>
</tr>
<tr>
<td>White</td>
<td>191</td>
<td>43%</td>
<td>3.8</td>
</tr>
<tr>
<td>Multiple</td>
<td>12</td>
<td>3%</td>
<td>3.9</td>
</tr>
<tr>
<td><strong>Mode of Exposure</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>238</td>
<td>53%</td>
<td>n/a</td>
</tr>
<tr>
<td>IDU</td>
<td>18</td>
<td>4%</td>
<td>n/a</td>
</tr>
<tr>
<td>MSM/IDU</td>
<td>25</td>
<td>6%</td>
<td>n/a</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>51</td>
<td>11%</td>
<td>n/a</td>
</tr>
<tr>
<td>Blood/pediatric</td>
<td>6</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>NIR</td>
<td>107</td>
<td>24%</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* Late HIV diagnoses = AIDS diagnoses within 12 months of HIV diagnoses

** Initial linkage to care = at least one CD4 or viral load result within 30 days of HIV diagnoses

α Country of origin data are missing for approximately 10% of newly diagnosed cases.

† AI/AN = American Indian or Alaska Native, NHOPi = Native Hawaiian or Other Pacific Islander

Table 1. New HIV Cases, including Late HIV Diagnoses and Linkage to Care, by Demographic and Risk Characteristics, WA State, 2017
### STATISTICS: NEW HIV CASES (continued)

<table>
<thead>
<tr>
<th>County or Health District of Residence</th>
<th>New HIV Cases</th>
<th>Late HIV Diagnoses*</th>
<th>Initial Linkage to HIV Care**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no.</td>
<td>column %</td>
<td>rate</td>
</tr>
<tr>
<td>ADAMS CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>ASOTIN CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>BENTON CO.</td>
<td>3</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>BENTON-FRANKLIN HD</td>
<td>5</td>
<td>1%</td>
<td>1.8</td>
</tr>
<tr>
<td>CHELAN CO.</td>
<td>2</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>CHELAN-DOUGLAS HD</td>
<td>2</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>CLALLAM CO.</td>
<td>2</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>CLARK CO.</td>
<td>3</td>
<td>7%</td>
<td>6.6</td>
</tr>
<tr>
<td>COLUMBIA CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>COWLITZ CO.</td>
<td>5</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>DOUGLAS CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>FERRY CO.</td>
<td>0</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>FRANKLIN CO.</td>
<td>2</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>GARFIELD CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>GRANT CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>GRAYS HARBOR CO.</td>
<td>4</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>ISLAND CO.</td>
<td>3</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>JEFFERSON CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>KING CO.</td>
<td>220</td>
<td>49%</td>
<td>10.2</td>
</tr>
<tr>
<td>KITSAP CO.</td>
<td>10</td>
<td>2%</td>
<td>3.8</td>
</tr>
<tr>
<td>KITITITAS CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>KLICKITAT CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>LEWIS CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>LINCOLN CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>MASON CO.</td>
<td>4</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>NE TRI-COUNTY HD</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>OKANOGAN CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>PACIFIC CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>PEND OREILLE CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>PIERCE CO.</td>
<td>49</td>
<td>11%</td>
<td>5.7</td>
</tr>
<tr>
<td>SAN JUAN CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>SKAGIT CO.</td>
<td>1</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>SKAMANIA CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>SNOHOMISH CO.</td>
<td>34</td>
<td>8%</td>
<td>4.3</td>
</tr>
<tr>
<td>SPOKANE CO.</td>
<td>25</td>
<td>6%</td>
<td>5.0</td>
</tr>
<tr>
<td>STEVENS CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>THURSTON CO.</td>
<td>9</td>
<td>2%</td>
<td>n/a</td>
</tr>
<tr>
<td>WAHKAUKUM CO.</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>WALLA WALLA CO.</td>
<td>3</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>WHATCOM CO.</td>
<td>8</td>
<td>2%</td>
<td>3.7</td>
</tr>
<tr>
<td>WHITMAN CO.</td>
<td>0</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>YAKIMA CO.</td>
<td>24</td>
<td>5%</td>
<td>9.5</td>
</tr>
<tr>
<td>TOTAL</td>
<td>445</td>
<td>100%</td>
<td>6.1</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* Late HIV diagnoses = AIDS diagnoses within 12 months of HIV diagnoses

** Initial linkage to care = at least one CD4 or viral load result within 30 days of HIV diagnosis
## STATISTICS: NEW HIV CASES (continued)

### Table 3. New HIV Case Counts over Time, by Demographic and Risk Characteristics, WA State, 2012-2017

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>total no.</td>
</tr>
<tr>
<td>Total</td>
<td>511</td>
<td>456</td>
<td>448</td>
<td>461</td>
<td>438</td>
<td>445</td>
<td>2248</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>avg. no.</td>
</tr>
<tr>
<td>Male</td>
<td>419</td>
<td>378</td>
<td>368</td>
<td>382</td>
<td>337</td>
<td>341</td>
<td>1806</td>
</tr>
<tr>
<td>Female</td>
<td>87</td>
<td>72</td>
<td>75</td>
<td>74</td>
<td>97</td>
<td>96</td>
<td>414</td>
</tr>
<tr>
<td>Transgender male</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Transgender female</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>7</td>
<td>24</td>
</tr>
<tr>
<td>Age at HIV Diagnosis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
</tr>
<tr>
<td>&lt; 13</td>
<td>8</td>
<td>8</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td>13-24</td>
<td>81</td>
<td>74</td>
<td>67</td>
<td>72</td>
<td>71</td>
<td>62</td>
<td>346</td>
</tr>
<tr>
<td>25-34</td>
<td>158</td>
<td>132</td>
<td>137</td>
<td>166</td>
<td>137</td>
<td>159</td>
<td>731</td>
</tr>
<tr>
<td>35-44</td>
<td>132</td>
<td>129</td>
<td>111</td>
<td>104</td>
<td>94</td>
<td>84</td>
<td>522</td>
</tr>
<tr>
<td>45-54</td>
<td>89</td>
<td>84</td>
<td>92</td>
<td>76</td>
<td>75</td>
<td>82</td>
<td>409</td>
</tr>
<tr>
<td>55-64</td>
<td>41</td>
<td>26</td>
<td>25</td>
<td>33</td>
<td>43</td>
<td>44</td>
<td>171</td>
</tr>
<tr>
<td>65+</td>
<td>2</td>
<td>3</td>
<td>12</td>
<td>6</td>
<td>15</td>
<td>11</td>
<td>47</td>
</tr>
<tr>
<td>Race/ethnicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>% rate</td>
</tr>
<tr>
<td>AI/AN*</td>
<td>5</td>
<td>3</td>
<td>6</td>
<td>5</td>
<td>9</td>
<td>6</td>
<td>29</td>
</tr>
<tr>
<td>Asian</td>
<td>29</td>
<td>24</td>
<td>39</td>
<td>35</td>
<td>35</td>
<td>26</td>
<td>159</td>
</tr>
<tr>
<td>Black</td>
<td>94</td>
<td>88</td>
<td>97</td>
<td>93</td>
<td>91</td>
<td>115</td>
<td>484</td>
</tr>
<tr>
<td>Foreign-born**</td>
<td>51</td>
<td>45</td>
<td>53</td>
<td>41</td>
<td>50</td>
<td>76</td>
<td>265</td>
</tr>
<tr>
<td>U.S.-born*</td>
<td>39</td>
<td>37</td>
<td>36</td>
<td>43</td>
<td>32</td>
<td>31</td>
<td>179</td>
</tr>
<tr>
<td>Hispanic</td>
<td>64</td>
<td>79</td>
<td>64</td>
<td>90</td>
<td>74</td>
<td>92</td>
<td>399</td>
</tr>
<tr>
<td>Foreign-born**</td>
<td>37</td>
<td>43</td>
<td>42</td>
<td>52</td>
<td>44</td>
<td>50</td>
<td>231</td>
</tr>
<tr>
<td>U.S.-born*</td>
<td>17</td>
<td>27</td>
<td>15</td>
<td>24</td>
<td>25</td>
<td>31</td>
<td>122</td>
</tr>
<tr>
<td>NHOPI*</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>White</td>
<td>284</td>
<td>245</td>
<td>225</td>
<td>223</td>
<td>205</td>
<td>191</td>
<td>1089</td>
</tr>
<tr>
<td>Multiple</td>
<td>29</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>20</td>
<td>12</td>
<td>68</td>
</tr>
<tr>
<td>Mode of Exposure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>284</td>
<td>268</td>
<td>251</td>
<td>276</td>
<td>223</td>
<td>238</td>
<td>1256</td>
</tr>
<tr>
<td>IDU</td>
<td>22</td>
<td>20</td>
<td>23</td>
<td>36</td>
<td>29</td>
<td>18</td>
<td>126</td>
</tr>
<tr>
<td>MSM/IDU</td>
<td>42</td>
<td>33</td>
<td>29</td>
<td>22</td>
<td>27</td>
<td>25</td>
<td>136</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>40</td>
<td>37</td>
<td>45</td>
<td>45</td>
<td>62</td>
<td>51</td>
<td>240</td>
</tr>
<tr>
<td>Blood/pediatric</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>24</td>
</tr>
<tr>
<td>NIR</td>
<td>120</td>
<td>93</td>
<td>96</td>
<td>78</td>
<td>92</td>
<td>107</td>
<td>466</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* AI/AN = American Indian or Alaska Native, NHOPI = Native Hawaiian or Other Pacific Islander

** Country of origin data are missing for approximately 10% of newly diagnosed cases.
## STATISTICS: NEW HIV CASES (continued)

Table 4. New HIV Case Counts over Time, by County and Health District (HD) of Residence at HIV Diagnosis, WA State, 2012-2017

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>no.</td>
<td>total no.</td>
</tr>
<tr>
<td>ADAMS CO.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>ASOTIN CO.</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>BENTON CO.</td>
<td>5</td>
<td>7</td>
<td>8</td>
<td>1</td>
<td>7</td>
<td>3</td>
<td>26</td>
</tr>
<tr>
<td>BENTON-FRANKLIN HD</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>6</td>
<td>12</td>
<td>5</td>
<td>39</td>
</tr>
<tr>
<td>CHELAN CO.</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>CHELAN-DOUGLAS HD</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>3</td>
<td>26</td>
</tr>
<tr>
<td>CLALLAM CO.</td>
<td>4</td>
<td>3</td>
<td>1</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td>CLARK CO.</td>
<td>26</td>
<td>25</td>
<td>23</td>
<td>21</td>
<td>21</td>
<td>31</td>
<td>121</td>
</tr>
<tr>
<td>COLUMBIA CO.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>COWLITZ CO.</td>
<td>5</td>
<td>1</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>DOUGLAS CO.</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>FERRY CO.</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>FRANKLIN CO.</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td>GARFIELD CO.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>GRANT CO.</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>GRAYS HARBOR CO.</td>
<td>7</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>ISLAND CO.</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>JEFFERSON CO.</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>KING CO.</td>
<td>288</td>
<td>251</td>
<td>273</td>
<td>236</td>
<td>217</td>
<td>220</td>
<td>1197</td>
</tr>
<tr>
<td>KITSAP CO.</td>
<td>11</td>
<td>7</td>
<td>6</td>
<td>10</td>
<td>9</td>
<td>10</td>
<td>42</td>
</tr>
<tr>
<td>KITTITAS CO.</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>KLICKITAT CO.</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>LEWIS CO.</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>LINCOLN CO.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>MASON CO.</td>
<td>9</td>
<td>3</td>
<td>1</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>17</td>
</tr>
<tr>
<td>NE TRI-COUNTY HD</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>OKANOGAN CO.</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>PACIFIC CO.</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>PEND OREILLE CO.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>PIERCE CO.</td>
<td>51</td>
<td>59</td>
<td>44</td>
<td>68</td>
<td>46</td>
<td>49</td>
<td>266</td>
</tr>
<tr>
<td>SAN JUAN CO.</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>SKAGIT CO.</td>
<td>4</td>
<td>9</td>
<td>5</td>
<td>1</td>
<td>9</td>
<td>1</td>
<td>25</td>
</tr>
<tr>
<td>SKAMANIA CO.</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>SNOHOMISH CO.</td>
<td>39</td>
<td>28</td>
<td>35</td>
<td>40</td>
<td>48</td>
<td>34</td>
<td>185</td>
</tr>
<tr>
<td>SPOKANE CO.</td>
<td>25</td>
<td>22</td>
<td>9</td>
<td>24</td>
<td>27</td>
<td>25</td>
<td>107</td>
</tr>
<tr>
<td>STEVENS CO.</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>THURSTON CO.</td>
<td>4</td>
<td>8</td>
<td>5</td>
<td>8</td>
<td>10</td>
<td>9</td>
<td>40</td>
</tr>
<tr>
<td>WAHKAUM CO.</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>WALLA WALLA CO.</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>WHATCOM CO.</td>
<td>4</td>
<td>8</td>
<td>5</td>
<td>8</td>
<td>2</td>
<td>8</td>
<td>31</td>
</tr>
<tr>
<td>WHITMAN CO.</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>YAKIMA CO.</td>
<td>7</td>
<td>6</td>
<td>9</td>
<td>6</td>
<td>11</td>
<td>24</td>
<td>56</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>511</strong></td>
<td><strong>456</strong></td>
<td><strong>448</strong></td>
<td><strong>461</strong></td>
<td><strong>438</strong></td>
<td><strong>445</strong></td>
<td><strong>2248</strong></td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018.
STATISTICS: NEW HIV CASES (continued)

Figure 3. New HIV Case Rates by Gender,* WA State, 2010-2017

![Graph showing new HIV case rates by gender from 2010 to 2017. The graph indicates a decrease in cases per 100,000 population over the years for both males and females.]

* transgender rates not available due to small case counts

Figure 4. New HIV Case Rates by Age at Diagnosis, WA State, 2010-2017

![Graph showing new HIV case rates by age at diagnosis from 2010 to 2017. The graph indicates a decrease in cases per 100,000 population over the years for different age groups.]

Figure 5. New HIV Case Rates by Race/ethnicity, WA State, 2010-2017

![Graph showing new HIV case rates by race/ethnicity from 2010 to 2017. The graph indicates a decrease in cases per 100,000 population over the years for different racial and ethnic groups.]

Figure 6. New HIV Case Rates among Black Persons by Nativity, WA State, 2010-2017

![Graph showing new HIV case rates among black persons by nativity from 2010 to 2017. The graph indicates a decrease in cases per 100,000 population over the years for different nativity groups.]

Figure 7. New HIV Case Rates among Hispanic Persons by Nativity, WA State, 2010-2017

![Graph showing new HIV case rates among Hispanic persons by nativity from 2010 to 2017. The graph indicates a decrease in cases per 100,000 population over the years for different nativity groups.]

Figure 8. New HIV Case Rates among Asian Persons by Nativity, WA State, 2010-2017

![Graph showing new HIV case rates among Asian persons by nativity from 2010 to 2017. The graph indicates a decrease in cases per 100,000 population over the years for different nativity groups.]

*U.S. born Asian rates not available due to small case counts
STATISTICS: NEW HIV CASES (continued)

Table 5. New Cases of HIV Infection, by Current Gender*, Race/Ethnicity, and HIV Exposure Category, WA State, 2013-2017

<table>
<thead>
<tr>
<th>Exposure Category</th>
<th>White No.</th>
<th>White %</th>
<th>Black No.</th>
<th>Black %</th>
<th>Hispanic No.</th>
<th>Hispanic %</th>
<th>Asian No.</th>
<th>Asian %</th>
<th>Other No.</th>
<th>Other %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male / Male Sex (MSM)</td>
<td>684</td>
<td>72%</td>
<td>144</td>
<td>51%</td>
<td>251</td>
<td>72%</td>
<td>94</td>
<td>70%</td>
<td>65</td>
<td>71%</td>
</tr>
<tr>
<td>Injecting Drug Use (IDU)</td>
<td>45</td>
<td>5%</td>
<td>9</td>
<td>3%</td>
<td>14</td>
<td>4%</td>
<td>1</td>
<td>1%</td>
<td>3</td>
<td>3%</td>
</tr>
<tr>
<td>MSM and IDU</td>
<td>97</td>
<td>10%</td>
<td>5</td>
<td>2%</td>
<td>18</td>
<td>5%</td>
<td>0</td>
<td>0%</td>
<td>12</td>
<td>13%</td>
</tr>
<tr>
<td>Heterosexual Contact</td>
<td>15</td>
<td>2%</td>
<td>15</td>
<td>5%</td>
<td>12</td>
<td>3%</td>
<td>3</td>
<td>2%</td>
<td>2</td>
<td>2%</td>
</tr>
<tr>
<td>Pediatric</td>
<td>4</td>
<td>0%</td>
<td>10</td>
<td>4%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Transfusion / Hemophiliac</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>No Identified Risk</td>
<td>105</td>
<td>11%</td>
<td>97</td>
<td>35%</td>
<td>54</td>
<td>15%</td>
<td>37</td>
<td>27%</td>
<td>10</td>
<td>11%</td>
</tr>
<tr>
<td>Total Male</td>
<td>950</td>
<td>100%</td>
<td>280</td>
<td>100%</td>
<td>349</td>
<td>100%</td>
<td>135</td>
<td>100%</td>
<td>92</td>
<td>100%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Female</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Injecting Drug Use (IDU)</td>
<td>43</td>
<td>33%</td>
<td>1</td>
<td>1%</td>
<td>2</td>
<td>5%</td>
<td>1</td>
<td>5%</td>
<td>7</td>
<td>33%</td>
</tr>
<tr>
<td>Heterosexual Contact</td>
<td>30</td>
<td>23%</td>
<td>30</td>
<td>15%</td>
<td>10</td>
<td>23%</td>
<td>3</td>
<td>14%</td>
<td>5</td>
<td>24%</td>
</tr>
<tr>
<td>Pediatric</td>
<td>1</td>
<td>1%</td>
<td>9</td>
<td>5%</td>
<td>0</td>
<td>0%</td>
<td>2</td>
<td>10%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Transfusion / Hemophiliac</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>No Identified Risk</td>
<td>55</td>
<td>43%</td>
<td>160</td>
<td>80%</td>
<td>31</td>
<td>72%</td>
<td>15</td>
<td>71%</td>
<td>9</td>
<td>43%</td>
</tr>
<tr>
<td>Total Female</td>
<td>129</td>
<td>100%</td>
<td>200</td>
<td>100%</td>
<td>43</td>
<td>100%</td>
<td>21</td>
<td>100%</td>
<td>21</td>
<td>100%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transgender Female</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Male sex partner</td>
<td>18</td>
<td>75%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Male sex partner and IDU</td>
<td>4</td>
<td>17%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>No Identified Risk</td>
<td>2</td>
<td>8%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total Transgender Female</td>
<td>24</td>
<td>100%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* Due to the small number of HIV cases reported as transgender, not all stratification is possible

Figure 9. New HIV Case Rates, WA State, 2007-2017

![New HIV Case Rates, WA State, 2007-2017](image)

Figure 10. Linkage to Care among New HIV Cases, WA State, 2007-2017

![Linkage to Care among New HIV Cases, WA State, 2007-2017](image)
## STATISTICS: LIVING HIV CASES

### Table 6. Living Cases of HIV Infection, including Engagement in Care and Viral Load Suppression, by Demographic and Risk Characteristics, WA State, 2017

<table>
<thead>
<tr>
<th>Demographic/Risk Characteristics</th>
<th>Living Cases of HIV Infection</th>
<th>Engaged in Care*</th>
<th>Suppressed Viral Load**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no.</td>
<td>column %</td>
<td>rate</td>
</tr>
<tr>
<td>Total</td>
<td>12933</td>
<td>100%</td>
<td>176.9</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>10906</td>
<td>84%</td>
<td>299.0</td>
</tr>
<tr>
<td>Female</td>
<td>1911</td>
<td>15%</td>
<td>52.2</td>
</tr>
<tr>
<td>Transgender male</td>
<td>9</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>Transgender female</td>
<td>107</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>Current Age</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 13</td>
<td>41</td>
<td>0%</td>
<td>3.4</td>
</tr>
<tr>
<td>13-24</td>
<td>285</td>
<td>2%</td>
<td>25.3</td>
</tr>
<tr>
<td>25-34</td>
<td>1724</td>
<td>13%</td>
<td>169.1</td>
</tr>
<tr>
<td>35-44</td>
<td>2607</td>
<td>20%</td>
<td>277.5</td>
</tr>
<tr>
<td>45-54</td>
<td>4142</td>
<td>32%</td>
<td>436.8</td>
</tr>
<tr>
<td>55-64</td>
<td>3090</td>
<td>24%</td>
<td>260.3</td>
</tr>
<tr>
<td>65+</td>
<td>1044</td>
<td>8%</td>
<td>116.7</td>
</tr>
<tr>
<td>Race/ethnicity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Al/AN*</td>
<td>141</td>
<td>1%</td>
<td>152.6</td>
</tr>
<tr>
<td>Asian</td>
<td>449</td>
<td>3%</td>
<td>75.0</td>
</tr>
<tr>
<td>Black</td>
<td>2122</td>
<td>16%</td>
<td>787.2</td>
</tr>
<tr>
<td>Foreign-born α</td>
<td>836</td>
<td>6%</td>
<td>1356.3</td>
</tr>
<tr>
<td>U.S.-born α</td>
<td>1200</td>
<td>9%</td>
<td>605.0</td>
</tr>
<tr>
<td>Hispanic</td>
<td>1772</td>
<td>14%</td>
<td>189.6</td>
</tr>
<tr>
<td>Foreign-born α</td>
<td>906</td>
<td>7%</td>
<td>303.3</td>
</tr>
<tr>
<td>U.S.-born α</td>
<td>728</td>
<td>6%</td>
<td>113.7</td>
</tr>
<tr>
<td>NHOPi†</td>
<td>61</td>
<td>0%</td>
<td>19.7</td>
</tr>
<tr>
<td>White</td>
<td>7678</td>
<td>59%</td>
<td>151.9</td>
</tr>
<tr>
<td>Multiple</td>
<td>703</td>
<td>5%</td>
<td>227.1</td>
</tr>
<tr>
<td>Mode of Exposure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>8001</td>
<td>62%</td>
<td>n/a</td>
</tr>
<tr>
<td>IDU</td>
<td>747</td>
<td>6%</td>
<td>n/a</td>
</tr>
<tr>
<td>MSM/IDU</td>
<td>1174</td>
<td>9%</td>
<td>n/a</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>1577</td>
<td>12%</td>
<td>n/a</td>
</tr>
<tr>
<td>Blood/pediatric</td>
<td>178</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>NIR</td>
<td>1256</td>
<td>10%</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* Engaged in care = at least one reported CD4 or VL result within calendar year

** Suppressed viral load = last reported viral load result in calendar year was < 200 copies/mL

† AI/AN = American Indian or Alaska Native, NHOPi = Native Hawaiian or Other Pacific Islander

α Country of origin data are missing for approximately 10% of newly diagnosed cases.
### STATISTICS: LIVING HIV CASES (continued)

Table 7. Living Cases of HIV Infection, including Engagement in Care and Viral Load Suppression, by County and Health District (HD) of Current Residence, WA State, 2017

<table>
<thead>
<tr>
<th>County or Health District of Residence</th>
<th>Living Cases of HIV Infection, 2016</th>
<th>Engaged in Care*</th>
<th>Suppressed Viral Load**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no. column %</td>
<td>rate</td>
<td>no. row %</td>
</tr>
<tr>
<td>ADAMS CO.</td>
<td>10</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>ASOTIN CO.</td>
<td>21</td>
<td>0%</td>
<td>94.2</td>
</tr>
<tr>
<td>BENTON CO.</td>
<td>131</td>
<td>1%</td>
<td>67.7</td>
</tr>
<tr>
<td>BENTON-FRANKLIN HD</td>
<td>146</td>
<td>1%</td>
<td>51.4</td>
</tr>
<tr>
<td>CHELAN CO.</td>
<td>55</td>
<td>0%</td>
<td>71.6</td>
</tr>
<tr>
<td>CHELAN-DOUGLAS HD</td>
<td>70</td>
<td>1%</td>
<td>59.2</td>
</tr>
<tr>
<td>CLALLAM CO.</td>
<td>71</td>
<td>1%</td>
<td>95.6</td>
</tr>
<tr>
<td>CLARK CO.</td>
<td>658</td>
<td>5%</td>
<td>139.7</td>
</tr>
<tr>
<td>COLUMBIA CO.</td>
<td>7</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>COWLITZ CO.</td>
<td>134</td>
<td>1%</td>
<td>126.5</td>
</tr>
<tr>
<td>DOUGLAS CO.</td>
<td>15</td>
<td>0%</td>
<td>36.2</td>
</tr>
<tr>
<td>FERRY CO.</td>
<td>3</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>FRANKLIN CO.</td>
<td>74</td>
<td>1%</td>
<td>81.9</td>
</tr>
<tr>
<td>GARFIELD CO.</td>
<td>3</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>GRANT CO.</td>
<td>39</td>
<td>0%</td>
<td>40.8</td>
</tr>
<tr>
<td>GRAYS HARBOR CO.</td>
<td>88</td>
<td>1%</td>
<td>120.6</td>
</tr>
<tr>
<td>ISLAND CO.</td>
<td>84</td>
<td>1%</td>
<td>101.5</td>
</tr>
<tr>
<td>JEFFERSON CO.</td>
<td>41</td>
<td>0%</td>
<td>130.7</td>
</tr>
<tr>
<td>KING CO.</td>
<td>6907</td>
<td>53%</td>
<td>320.7</td>
</tr>
<tr>
<td>KITSAP CO.</td>
<td>309</td>
<td>2%</td>
<td>116.9</td>
</tr>
<tr>
<td>KITTITAS CO.</td>
<td>27</td>
<td>0%</td>
<td>60.4</td>
</tr>
<tr>
<td>KLICKITAT CO.</td>
<td>14</td>
<td>0%</td>
<td>64.6</td>
</tr>
<tr>
<td>LEWIS CO.</td>
<td>60</td>
<td>0%</td>
<td>77.5</td>
</tr>
<tr>
<td>LINCOLN CO.</td>
<td>9</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>MASON CO.</td>
<td>62</td>
<td>0%</td>
<td>98.1</td>
</tr>
<tr>
<td>NE TRI-COUNTY HD</td>
<td>36</td>
<td>0%</td>
<td>54.9</td>
</tr>
<tr>
<td>OKANOGAN CO.</td>
<td>22</td>
<td>0%</td>
<td>52.2</td>
</tr>
<tr>
<td>PACIFIC CO.</td>
<td>25</td>
<td>0%</td>
<td>117.6</td>
</tr>
<tr>
<td>PEND OREILLE CO.</td>
<td>11</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>PIERCE CO.</td>
<td>1380</td>
<td>11%</td>
<td>160.6</td>
</tr>
<tr>
<td>SAN JUAN CO.</td>
<td>18</td>
<td>0%</td>
<td>109.0</td>
</tr>
<tr>
<td>SKAGIT CO.</td>
<td>92</td>
<td>1%</td>
<td>74.1</td>
</tr>
<tr>
<td>SKAMANIA CO.</td>
<td>6</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>SNOHOMISH CO.</td>
<td>1063</td>
<td>8%</td>
<td>134.7</td>
</tr>
<tr>
<td>SPOKANE CO.</td>
<td>601</td>
<td>5%</td>
<td>120.3</td>
</tr>
<tr>
<td>STEVENS CO.</td>
<td>22</td>
<td>0%</td>
<td>49.4</td>
</tr>
<tr>
<td>THURSTON CO.</td>
<td>305</td>
<td>2%</td>
<td>110.1</td>
</tr>
<tr>
<td>WAHIKAIKUM CO.</td>
<td>4</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>WALLA WALLA CO.</td>
<td>56</td>
<td>0%</td>
<td>91.2</td>
</tr>
<tr>
<td>WHATCOM CO.</td>
<td>237</td>
<td>2%</td>
<td>109.6</td>
</tr>
<tr>
<td>WHITMAN CO.</td>
<td>23</td>
<td>0%</td>
<td>47.3</td>
</tr>
<tr>
<td>YAKIMA CO.</td>
<td>246</td>
<td>2%</td>
<td>97.2</td>
</tr>
<tr>
<td>TOTAL</td>
<td>12933</td>
<td>100%</td>
<td>176.9</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* Engaged in care = at least one reported CD4 or VL result within calendar year

** Suppressed viral load = last reported viral load result in calendar year was < 200 copies/mL
Table 8. Living Cases of HIV Infection, by Current Gender*, Race/Ethnicity, and HIV Exposure Category, WA State, 2017

<table>
<thead>
<tr>
<th>Gender</th>
<th>Exposure Category</th>
<th>White</th>
<th></th>
<th>Black</th>
<th></th>
<th>Hispanic</th>
<th></th>
<th>Asian</th>
<th></th>
<th>Other</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No.</td>
<td>%</td>
<td>No.</td>
<td>%</td>
<td>No.</td>
<td>%</td>
<td>No.</td>
<td>%</td>
<td>No.</td>
<td>%</td>
</tr>
<tr>
<td>Male</td>
<td>Male / Male Sex (MSM)</td>
<td>5,341</td>
<td>77%</td>
<td>699</td>
<td>52%</td>
<td>1,114</td>
<td>73%</td>
<td>260</td>
<td>70%</td>
<td>511</td>
<td>68%</td>
</tr>
<tr>
<td></td>
<td>Injecting Drug Use (IDU)</td>
<td>282</td>
<td>4%</td>
<td>84</td>
<td>6%</td>
<td>48</td>
<td>3%</td>
<td>6</td>
<td>2%</td>
<td>36</td>
<td>5%</td>
</tr>
<tr>
<td></td>
<td>MSM and IDU</td>
<td>795</td>
<td>12%</td>
<td>99</td>
<td>7%</td>
<td>134</td>
<td>9%</td>
<td>10</td>
<td>3%</td>
<td>115</td>
<td>15%</td>
</tr>
<tr>
<td></td>
<td>Heterosexual Contact</td>
<td>114</td>
<td>2%</td>
<td>3</td>
<td>0%</td>
<td>68</td>
<td>4%</td>
<td>12</td>
<td>3%</td>
<td>35</td>
<td>5%</td>
</tr>
<tr>
<td></td>
<td>Pediatric</td>
<td>16</td>
<td>0%</td>
<td>32</td>
<td>2%</td>
<td>4</td>
<td>0%</td>
<td>1</td>
<td>0%</td>
<td>4</td>
<td>1%</td>
</tr>
<tr>
<td></td>
<td>Transfusion / Hemophiliac</td>
<td>28</td>
<td>0%</td>
<td>151</td>
<td>11%</td>
<td>3</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>No Identified Risk</td>
<td>336</td>
<td>5%</td>
<td>279</td>
<td>21%</td>
<td>157</td>
<td>10%</td>
<td>80</td>
<td>22%</td>
<td>47</td>
<td>6%</td>
</tr>
<tr>
<td>Total Male</td>
<td></td>
<td>6,912</td>
<td>100%</td>
<td>1,347</td>
<td>100%</td>
<td>1,528</td>
<td>100%</td>
<td>369</td>
<td>100%</td>
<td>750</td>
<td>100%</td>
</tr>
</tbody>
</table>

| Female          | Injecting Drug Use (IDU)                 | 181   | 25%   | 44    | 6%    | 21       | 10%   | 2     | 3%    | 39    | 26%   |
|                 | Heterosexual Contact                     | 441   | 61%   | 468   | 62%   | 148      | 70%   | 49    | 65%   | 88    | 59%   |
|                 | Pediatric                                 | 16    | 2%    | 44    | 6%    | 6        | 3%    | 2     | 3%    | 2     | 1%    |
|                 | Transfusion / Hemophiliac                | 4     | 1%    | 7     | 1%    | 1        | 0%    | 1     | 1%    | 1     | 1%    |
|                 | No Identified Risk                        | 76    | 11%   | 193   | 26%   | 36       | 17%   | 21    | 28%   | 20    | 13%   |
| Total Female    |                                          | 718   | 100%  | 756   | 100%  | 212      | 100%  | 75    | 100%  | 150   | 100%  |

| Transgender Female | Male sex partner | 27 | 64% | 16 | 89% | 22 | 69% | 4 | 80% | 7 | 70% |
|                   | Male sex partner and IDU | 10 | 24% | 1 | 6% | 7 | 22% | 1 | 20% | 2 | 20% |
|                   | Other | 2 | 5% | 0 | 0% | 2 | 6% | 0 | 0% | 0 | 0% |
|                   | No Identified Risk | 3 | 7% | 1 | 6% | 1 | 3% | 0 | 0% | 1 | 10% |
| Total Transgender Female | 42 | 100% | 18 | 100% | 32 | 100% | 5 | 100% | 10 | 100% |

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* Due to the small number HIV cases reported as transgender male, stratification is not possible.

Figure 11. Living HIV Case Rates, WA State, 2008-2017

Figure 12. Virologic Suppression among Living HIV Cases, WA State, 2008-2017
### Table 9. New AIDS Cases and Deaths among Cases of HIV Infection, by Demographic and Risk Characteristics, WA State, 1982-2017

#### New AIDS Cases, 2017*

<table>
<thead>
<tr>
<th>Gender</th>
<th>no.</th>
<th>column %</th>
<th>crude rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>184</td>
<td>100%</td>
<td>2.5</td>
</tr>
<tr>
<td>Male</td>
<td>149</td>
<td>81%</td>
<td>4.1</td>
</tr>
<tr>
<td>Female</td>
<td>32</td>
<td>17%</td>
<td>0.9</td>
</tr>
<tr>
<td>Transgender male</td>
<td>0</td>
<td>0%</td>
<td>n/a</td>
</tr>
<tr>
<td>Transgender female</td>
<td>3</td>
<td>2%</td>
<td>n/a</td>
</tr>
<tr>
<td>Current Age</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 13</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>13-24</td>
<td>13</td>
<td>7%</td>
<td>1.2</td>
</tr>
<tr>
<td>25-34</td>
<td>47</td>
<td>26%</td>
<td>4.6</td>
</tr>
<tr>
<td>35-44</td>
<td>36</td>
<td>20%</td>
<td>3.8</td>
</tr>
<tr>
<td>45-54</td>
<td>48</td>
<td>26%</td>
<td>5.1</td>
</tr>
<tr>
<td>55-64</td>
<td>31</td>
<td>17%</td>
<td>2.6</td>
</tr>
<tr>
<td>65+</td>
<td>9</td>
<td>5%</td>
<td>n/a</td>
</tr>
<tr>
<td>Race/ethnicity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AI/AN†</td>
<td>6</td>
<td>3%</td>
<td>n/a</td>
</tr>
<tr>
<td>Asian</td>
<td>13</td>
<td>7%</td>
<td>2.2</td>
</tr>
<tr>
<td>Black</td>
<td>40</td>
<td>22%</td>
<td>14.8</td>
</tr>
<tr>
<td>Foreign-bornα</td>
<td>22</td>
<td>12%</td>
<td>35.7</td>
</tr>
<tr>
<td>U.S.-bornα</td>
<td>15</td>
<td>8%</td>
<td>7.6</td>
</tr>
<tr>
<td>Hispanic</td>
<td>29</td>
<td>16%</td>
<td>3.1</td>
</tr>
<tr>
<td>Foreign-bornα</td>
<td>18</td>
<td>10%</td>
<td>6.0</td>
</tr>
<tr>
<td>U.S.-bornα</td>
<td>9</td>
<td>5%</td>
<td>n/a</td>
</tr>
<tr>
<td>NHOPI†</td>
<td>1</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>White</td>
<td>85</td>
<td>46%</td>
<td>1.7</td>
</tr>
<tr>
<td>Multiple</td>
<td>10</td>
<td>5%</td>
<td>n/a</td>
</tr>
<tr>
<td>Mode of Exposure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>86</td>
<td>47%</td>
<td>n/a</td>
</tr>
<tr>
<td>IDU</td>
<td>11</td>
<td>6%</td>
<td>n/a</td>
</tr>
<tr>
<td>MSM/IDU</td>
<td>12</td>
<td>7%</td>
<td>n/a</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>26</td>
<td>14%</td>
<td>n/a</td>
</tr>
<tr>
<td>Blood/pediatric</td>
<td>1</td>
<td>1%</td>
<td>n/a</td>
</tr>
<tr>
<td>NIR</td>
<td>48</td>
<td>26%</td>
<td>n/a</td>
</tr>
</tbody>
</table>

#### Deaths among Cases of HIV Infection

<table>
<thead>
<tr>
<th>Gender</th>
<th>no.</th>
<th>column %</th>
<th>age-adjusted rate (per 100K)</th>
<th>case fatality rate (per 1000)</th>
<th>no.</th>
<th>column %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>164</td>
<td>100%</td>
<td>2.0</td>
<td>12.7</td>
<td>8043</td>
<td>100%</td>
</tr>
<tr>
<td>Male</td>
<td>148</td>
<td>90%</td>
<td>4.1</td>
<td>13.6</td>
<td>7347</td>
<td>91%</td>
</tr>
<tr>
<td>Female</td>
<td>15</td>
<td>9%</td>
<td>0.4</td>
<td>7.8</td>
<td>678</td>
<td>8%</td>
</tr>
<tr>
<td>Transgender male</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
<td>0.0</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Transgender female</td>
<td>1</td>
<td>1%</td>
<td>n/a</td>
<td>9.3</td>
<td>18</td>
<td>0%</td>
</tr>
<tr>
<td>Current Age</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 13</td>
<td>0</td>
<td>0%</td>
<td>0.0</td>
<td>0.0</td>
<td>19</td>
<td>0%</td>
</tr>
<tr>
<td>13-24</td>
<td>2</td>
<td>1%</td>
<td>n/a</td>
<td>7.0</td>
<td>100</td>
<td>1%</td>
</tr>
<tr>
<td>25-34</td>
<td>7</td>
<td>4%</td>
<td>0.7</td>
<td>4.1</td>
<td>1722</td>
<td>21%</td>
</tr>
<tr>
<td>35-44</td>
<td>17</td>
<td>10%</td>
<td>1.8</td>
<td>6.5</td>
<td>3004</td>
<td>37%</td>
</tr>
<tr>
<td>45-54</td>
<td>49</td>
<td>30%</td>
<td>5.2</td>
<td>11.8</td>
<td>1928</td>
<td>24%</td>
</tr>
<tr>
<td>55-64</td>
<td>47</td>
<td>29%</td>
<td>4.0</td>
<td>15.2</td>
<td>895</td>
<td>11%</td>
</tr>
<tr>
<td>65+</td>
<td>42</td>
<td>26%</td>
<td>4.7</td>
<td>40.2</td>
<td>375</td>
<td>5%</td>
</tr>
<tr>
<td>Race/ethnicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AI/AN†</td>
<td>3</td>
<td>2%</td>
<td>n/a</td>
<td>21.3</td>
<td>126</td>
<td>2%</td>
</tr>
<tr>
<td>Asian</td>
<td>0</td>
<td>0%</td>
<td>n/a</td>
<td>0.0</td>
<td>91</td>
<td>1%</td>
</tr>
<tr>
<td>Black</td>
<td>14</td>
<td>9%</td>
<td>5.2</td>
<td>6.6</td>
<td>755</td>
<td>9%</td>
</tr>
<tr>
<td>Foreign-bornα</td>
<td>3</td>
<td>2%</td>
<td>n/a</td>
<td>3.6</td>
<td>66</td>
<td>1%</td>
</tr>
<tr>
<td>U.S.-bornα</td>
<td>11</td>
<td>7%</td>
<td>n/a</td>
<td>9.2</td>
<td>678</td>
<td>8%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>16</td>
<td>10%</td>
<td>1.7</td>
<td>9.0</td>
<td>510</td>
<td>6%</td>
</tr>
<tr>
<td>Foreign-bornα</td>
<td>7</td>
<td>4%</td>
<td>n/a</td>
<td>7.7</td>
<td>182</td>
<td>2%</td>
</tr>
<tr>
<td>U.S.-bornα</td>
<td>9</td>
<td>5%</td>
<td>n/a</td>
<td>12.4</td>
<td>299</td>
<td>4%</td>
</tr>
<tr>
<td>NHOPI†</td>
<td>1</td>
<td>1%</td>
<td>n/a</td>
<td>16.4</td>
<td>17</td>
<td>0%</td>
</tr>
<tr>
<td>White</td>
<td>116</td>
<td>71%</td>
<td>2.3</td>
<td>15.1</td>
<td>6284</td>
<td>78%</td>
</tr>
<tr>
<td>Multiple</td>
<td>14</td>
<td>9%</td>
<td>4.5</td>
<td>19.9</td>
<td>258</td>
<td>3%</td>
</tr>
</tbody>
</table>

Table based on HIV surveillance data reported to the WA State Department of Health as of June 30, 2018

* AI/AN = American Indian or Alaska Native, NHOPI = Native Hawaiian or Other Pacific Islander

† Country of origin data are missing for approximately 10% of newly diagnosed cases.

* Includes new cases concurrently diagnosed with both HIV and AIDS, as well as HIV cases that progressed to AIDS.
STATISTICS: AIDS CASES AND DEATHS (continued)

Figure 13. Age-Adjusted HIV Death Rates, WA State, 2007-2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Deaths per 100k</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>2.6</td>
</tr>
<tr>
<td>2008</td>
<td>2.4</td>
</tr>
<tr>
<td>2009</td>
<td>2.5</td>
</tr>
<tr>
<td>2010</td>
<td>2.2</td>
</tr>
<tr>
<td>2011</td>
<td>2.2</td>
</tr>
<tr>
<td>2012</td>
<td>1.9</td>
</tr>
<tr>
<td>2013</td>
<td>2.0</td>
</tr>
<tr>
<td>2014</td>
<td>2.1</td>
</tr>
<tr>
<td>2015</td>
<td>1.8</td>
</tr>
<tr>
<td>2016</td>
<td>2.0</td>
</tr>
</tbody>
</table>

STATISTICS: HIV CARE CONTINUAE

Figure 14. HIV Care Continuum, WA State, 2017

- HIV Positive (estimated)
- Ever Diagnosed
- New Cases Linked to Care (30 days)
- Engaged in any Care
- Suppressed Viral Load

Among Estimated HIV Positive
- 2007: 14,259/14,259
- 2008: 12,933/14,259
- 2009: 372/445
- 2010: 11,489/12,933
- 2011: 10,395/12,933
- 2012: 10,395/12,933

Figure 15. Statewide HIV Care Outcomes over Time, WA State, 2015-2017

- New Cases Linked to Care (30 days)
- Living Cases Engaged in Any Care
- Living Cases w/ Suppressed Viral Load

2015: 80%, 82%, 84%
2016: 88%, 89%, 89%
2017: 76%, 79%, 80%
Figure 16. HIV Care Outcomes over Time among Transgender Women Diagnosed and Living with HIV, WA State, 2015-2017

Figure 17. HIV Care Outcomes over Time among Young Adults (Ages 18-29) Diagnosed and Living with HIV, WA State, 2015-2017

Figure 18. HIV Care Outcomes over Time among U.S.-Born Black Persons Diagnosed and Living with HIV, WA State, 2015-2017

Figure 19. HIV Care Outcomes over Time among Foreign-Born Black Persons Diagnosed and Living with HIV, WA State, 2015-2017

Figure 20. HIV Care Outcomes over Time among Foreign-Born Hispanic Persons Diagnosed and Living with HIV, WA State, 2015-2017

Figure 21. HIV Care Outcomes over Time among Persons Who Inject Drugs and are Diagnosed and Living with HIV, WA State, 2015-2017

For people with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TDD/TTY 711).