



Communicable Disease Case Reporting and Investigation Protocol HUMAN IMMUNODEFICIENCY VIRUS (HIV)

I. IDENTIFICATION AND DEFINITION OF CASES

- A. **Clinical Description:** A retrovirus infection that causes progressive failure of the human immune system, eventually resulting in life-threatening opportunistic infections if left untreated.
- B. **Laboratory Criteria:**
- **Confirmed:** Reactive result from a laboratory test for a confirmatory (supplemental) HIV antibody, PCR DNA/RNA HIV viral load, or other combination of results demonstrating infection in accordance with complete testing algorithm (see: <https://www.cdc.gov/hiv/testing/laboratorytests.html>).
 - **Suspect:** Reactive HIV screening test not yet confirmed through supplemental laboratory testing in accordance with complete testing algorithm.
- C. **Wisconsin Surveillance Case Definition:**
- **Confirmed:** A case that meets the confirmed laboratory criteria for diagnosis.
 - **Suspect:** A case that meets the laboratory criteria for a suspect case.

II. REPORTING

- A. **Wisconsin Notifiable Disease Category III – Methods for Reporting:** This disease shall be reported to the Bureau of Communicable Diseases AIDS/HIV Section using a Wisconsin HIV Infection and AIDS Case Report Form (F-44338) or by other means within 72 hours after identification of a case or a suspected case (See [Chapter 252.15 \(7\) \(b\)](#) and [Chapter DHS 145.04 \(3\) \(b\)](#)).
- B. **Responsibility for Reporting:** Laboratories, health care providers, HIV counseling and testing sites, blood banks, blood centers, and plasma centers that maintain a record of HIV test results.
- C. **Clinical Criteria for Reporting:**
All cases of HIV infection, including diagnoses of opportunistic infections potentially indicative of Stage 3 HIV (acquired immune deficiency syndrome [AIDS]) shall be reported to the state epidemiologist.
- D. **Laboratory Criteria for Reporting:** The following laboratory results shall be reported on all persons newly or previously diagnosed with HIV infection each time the test is conducted: all CD4+ test results (CD4+ T-lymphocyte counts and percentages), both detectable and undetectable HIV viral load results, HIV genotypic results, and all components of the HIV laboratory diagnostic testing algorithm when the initial screening test is reactive.

III. CASE INVESTIGATION

- A. **Responsibility for case investigation:** It is the responsibility of the Partner Services region (refer to: <https://www.dhs.wisconsin.gov/hiv/hivpsproviders.pdf>) composed of local health department (LHD) staff to follow up with the confirmed case upon assignment by the state AIDS/HIV Program per the Wisconsin Department of Health Services AIDS/HIV Program Partner Services protocol. (Contact the AIDS/HIV Program for a copy of this protocol: <https://www.dhs.wisconsin.gov/hiv/partner-services.htm>).
- B. **Required Documentation:**
Complete case investigation entry in HIV Partner Services Web (PSWeb). See PSWeb protocol (internal document) for specific instructions regarding information entry.
- C. **Additional Investigation Responsibilities:**
All investigation activities are to be conducted following the guidance outlined in the Wisconsin Department of Health Services AIDS/HIV Partner Services protocols.

IV. PUBLIC HEALTH INTERVENTIONS AND PREVENTION MEASURES

In accordance with Wisconsin Department of Health Services AIDS/HIV Program Partner Services protocol, Partner Services providers should follow the methods of control recommended, unless otherwise specified by the state epidemiologist.

V. CONTACTS FOR CONSULTATION

- A. Bureau of Communicable Diseases, AIDS/HIV Program: 608-267-9003
- B. Wisconsin State Laboratory of Hygiene: 1-800-862-1013

VI. CLUSTER INVESTIGATION

- A. A case definition of individuals considered to be within the outbreak/cluster, to include factors in addition to the general Wisconsin Case definition, such as:
 - a. Range of diagnosis dates.
 - b. Associated HIV risk behaviors.
 - c. Geographical area of residence or suspected infection.
 - d. Demographics specifically associated with the outbreak/cluster, such as age, gender, race, etc.
 - e. Reports or evidence of risky sexual or injection drug use contact with individuals associated with the defined cluster or network.
- B. A description of how the cluster diverges from the standard pattern of HIV transmission in the region over the last five years.
- C. A description of the network or relationship between individuals meeting the case definition, such as a network diagram or similar representation.
- D. A definition of which individuals within the established network will be contacted by public health and which services will be offered to those individuals (case referral, HIV testing, partner elicitation, expanded behavioral surveys, etc.).
- E. An outline of which service providers will assist public health in providing services to contacted individuals (AIDS service organizations, local infectious disease clinics, community health centers, and other community organizations, etc.).
- F. A definition for the point at which the cluster or outbreak will be considered “resolved” (decreased rate of transmission, engagement of all individuals in cluster with public health, etc.).
- G. A plan for review and evaluation of the cluster response within 45 days after the outbreak has been considered resolved.

VII. RELATED REFERENCES

- A. Centers for Disease Control and Prevention. Surveillance Guidelines. <https://www.cdc.gov/hiv/statistics/guidelines/index.html>
- B. Centers for Disease Control and Prevention. HIV Prevention in the United States. December 2015. <https://www.cdc.gov/hiv/pdf/policies/cdc-hiv-prevention-bluebook.pdf>
- C. Centers for Disease Control and Prevention. Laboratory Tests. July 2017. <https://www.cdc.gov/hiv/testing/laboratorytests.html>
- D. Division of Public Health HIV Program web site: <https://www.dhs.wisconsin.gov/hiv/index.htm>
- E. Reporting of HIV Infection and AIDS in Wisconsin: <https://www.dhs.wisconsin.gov/publications/p0/p00541.pdf>
- F. HIV Partner Services in Wisconsin: <https://www.dhs.wisconsin.gov/hiv/partner-services.htm>