

Unit 9: HIV/AIDS
Chapter 15
ONLINE CONTENT (1H)

Unit Objectives:

- Explain the ways human immunodeficiency virus (HIV) is transmitted and the factors that affect transmission. (1,2)*
- Explain the methods of testing for HIV infection. (1,7)*

*Course objectives

Review Chapter 15, the attached PowerPoint presentation, and visit the website below (go to the Ohio HIV Surveillance Data Tables)

<https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/hiv-aids-surveillance-program/resources/ohio-hiv-surveillance-data-tables>

Answer the following questions and place in the Unit 9: HIV/AIDS dropbox by 0800 on 3/31/2025.

- 1. How many new HIV infections were diagnosed in Erie County during 2023?** 3 cases of HIV infections.
- 2. How many total new HIV infections were diagnosed in Ohio during 2023?**
 - a. **Total # of cases:** 167 total cases but 127 people living with the HIV diagnosis infection in 2023.
 - b. **# of male cases:** 675, at 78%
 - c. **# of female cases:** 186 at 22%
- 3. What 6 counties in Ohio had the most new HIV infections diagnosed during 2023? Include the # of cases for each county.** Cuyahoga had the largest amount of HIV infections of 2023 with 8,541 cases. Franklin is second with 8,422 cases. Third is Hamilton with 5,430 cases. Fourth is Montgomery with 2,642 cases. Fifth is Lucas with 1,811. And lastly Summit with 1,700 cases. In total there were 40,579 cases in Ohio.

In order to receive full credit (1H class time) for this assignment, it must be completed in its entirety by the due date/time assigned. Any assignment not completed in its entirety by the due date and time will result in missed class time and must be completed by the end of the semester to pass the course.