

**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/Immune dropbox by 0800 on 4/1/2024.**

1. How many new HIV infections were diagnosed in Erie County during 2022?

There were 3 diagnoses of HIV infections in Erie County.

2. How many total new HIV infections were diagnosed in Ohio during 2022?
  - a. Total # of cases:

866 new HIV infections were diagnosed in Ohio during 2022.

- b. # of male cases:

Of the 866 cases diagnosed, 675 of these were male cases.

- c. # of female cases:

Of the 866 cases diagnosed, 190 of these were female cases.

3. What 6 counties in Ohio had the **most** new HIV infections diagnosed during 2022? Include the # of cases for each county.

The 6 counties in Ohio that had the most new HIV infections diagnosed are Franklin County (196 cases), Cuyahoga County (120 cases), Hamilton County (95 cases), Montgomery County (53 cases), and Summit and Lucas Counties (both at 30 cases each).

*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.*