

**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?

861

2. How many total new HIV infections were diagnosed in Ohio during 2023?  
a. Total # of cases:

861

- b. # of male cases:

675

- c. # of female cases:

186

3. What 6 counties in Ohio had the **most** new HIV infections diagnosed during 2023? Include the # of cases for each county.

**Franklin: 209      Hamilton: 105      Summit: 35**

**Cuyahoga: 145      Montgomery: 76      Butler: 30**

***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.*