

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

**Emily Litz**

**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 876 new cases of HIV infection in Ohio alone in 2022. This included both men and women, and these cases were spread through sexual contact mostly. The second most transmitted type of HIV infection is by dirty needles and or sharing needles. Within Erie County, there were three new recorded cases of HIV of those only one of them was transmitted into full AIDS.

**How many total new HIV infections were diagnosed in Ohio during 2022?**

- a. **Total # of cases:**
    - i. 866 cases
  - b. **# of male cases:**
    - i. 676 cases
  - c. **# of female cases:**
    - i. 190 cases
- 2. What 6 counties in Ohio had the most new HIV infections diagnosed during 2022? Include the # of cases for each county.**
- a. **Butler**
    - i. 30
  - b. **Cuyahoga**
    - i. 120
  - c. **Franklin**
    - i. 196
  - d. **Hamilton**
    - i. 95
  - e. **Montgomery**

- i. 53
- f. Lucas
  - i. 39

*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.*