

**Unit 9: HIV/AIDS**  
**Chapter 14**  
**ONLINE CONTENT (1H)**  
MALLORY LEWIS 3/20/23

**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 14, 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 4/3/2023.**

1. How many new HIV infections were diagnosed in Erie County during 2021?
  - a. 6 new HIV infections were diagnosed in Erie County in 2021.
2. How many total new HIV infections were diagnosed in Ohio during 2021?
  - a. Total # of cases:
    - i. 912 cases
  - b. # of male cases:
    - i. 707 cases
  - c. # of female cases:
    - i. 205 cases
3. What 6 counties in Ohio had the most new HIV infections diagnosed during 2021? Include the # of cases for each county.
  - a. Franklin County was number 1 with 188 new cases in 2021
  - b. Cuyahoga county was number 2 with 165 new cases
  - c. Hamilton county was number 3 with 124 new cases
  - d. Montgomery County was number 4 with 60 new cases
  - e. Butler county was number 5 with 57 new cases
  - f. Summit county was number 6 with 46 new cases

***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 will result in missed class time.***