

**Unit 9: HIV/AIDS**  
**Chapter 14**  
**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 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?

**6 cases**

2. How many total new HIV infections were diagnosed in Ohio during 2021?
  - a. Total # of cases:

**912 cases**

- b. # of male cases:

**707 male cases**

- c. # of female cases:

**205 female cases**

3. What 6 counties in Ohio had the most new HIV infections diagnosed during 2021? Include the # of cases for each county.

- 1.) Franklin County (188 cases)
- 2.) Cuyahoga County (165 cases)
- 3.) Hamilton County (124 cases)
- 4.) Montgomery County (60 cases)
- 5.) Butler County (57 cases)
- 6.) Summit County (46 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.***