

**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?

Six 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:

A total of 912 new diagnoses occurred in Ohio in 2021.

- b. # of male cases:

707 of the cases were males

- c. # of female cases:

205 of the cases diagnosed were female.

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- 67 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.***