

**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?

There were 6 new cases of HIV that was diagnosed in Erie County during 2021.

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

Total number of cases diagnosed in Ohio during 2021 was 912.

- b. # of male cases:

Total number of male cases was 707

- c. # of female cases:

Total number of female cases was 205

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

The 6 counties in Ohio that had the most new HIV infections diagnosed during 2021 were:

Franklin County at 188 new cases

Cuyahoga County at 165 new cases

Hamilton County at 124 new cases

Montgomery County at 60 new cases

Butler County at 57 new cases

Summit County at 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.***