

Week 3 Lab Assignment

Name: [REDACTED] Instructor Name: Professor Allen

Please use this template to help answer the questions listed in the lab instructions. The “parts” below refer to the parts listed in the lab instructions. Type your answers and post your screenshots in the spaces given below. Then, save this document with your name and submit it inside the course room.

Part 1. Read the assigned article.

Please reach out to your instructor if you did not receive the assigned article for the term by Monday of Week 3.

TITLE: High Influenza Incidence and Disease Severity Among Children and Adolescents Aged <18 Years — United States, 2022–23 Season

Author(s): Elizabeth B. White, PhD^{1,2}; Alissa O’Halloran, MSPH¹; Devi Sundaresan, MPH¹; Matthew Gilmer, MS^{1,3}; Ryan Threlkel, MPH¹; Arielle Colón, MPH¹; Katie Tastad, PhD¹; Shua J. Chai, MD^{4,5}; Nisha B. Alden, MPH⁶; Kimberly Yousey-Hindes, MPH⁷; Kyle P. Openo, DrPH^{8,9,10}; Patricia A. Ryan, MS¹¹; Sue Kim, MPH¹²; Ruth Lynfield, MD¹³; Nancy Spina, MPH¹⁴; Brenda L. Tesini, MD¹⁵; Marc Martinez, BA¹⁶; Zachary Schmidt, MPH¹⁷; Melissa Sutton, MD¹⁸; H. Keipp Talbot, MD¹⁹; Mary Hill, MPH²⁰; Matthew Biggerstaff, ScD¹; Alicia Budd, MPH¹; Shikha Garg, MD¹; Carrie Reed, DSc¹; A. Danielle Iuliano, PhD¹; Catherine H. Bozio, PhD¹

Summarize the assigned article in one paragraph. Make sure to quote and interpret at least one statistic.

The article "High Influenza Incidence and Disease Severity Among Children and Adolescents Aged <18 Years — United States, 2022–23 Season" by the CDC examines the unusually severe influenza season of 2022-23, particularly its impact on children and adolescents. It highlights those early increases in flu activity and co-circulation with other respiratory viruses led to high hospitalization rates among this age group. Notably, children under 5 years experienced significant rates of flu-related medical visits and hospitalizations. The study also points out the lower flu vaccination rates in hospitalized children compared to previous seasons. The authors emphasize the importance of timely flu vaccinations and prompt antiviral treatments, stating, "During the 2022–23 influenza season, early increases in influenza activity, co-circulation of influenza with other respiratory viruses, and high influenza-associated hospitalization rates, particularly among children and adolescents, were observed" (CDC; 2023, October 13).

Part 2. Choose ONE Graph, Table or Chart from the article.