Topic: Analyzing Data

Learning Objective/Outcome:
- **Analyze infectious disease and vaccination data using the mathematical calculations: mean, median, mode, and range.**
- **Analyze data to formulate conclusions and predict trends related to vaccinations and infectious diseases.**

Keywords/Questions	Notes
What does it mean to analyze data?	
How do you analyze data?	
What can help draw more accurate conclusions and make better predictions?	
What questions should you ask about the data?	
What do the questions answer?	
What is anomaly?	

What trends do you look for in a pie chart?	
What trends do you look for in a bar graph?	
What trends do you look for in a line graph?	
What will help to make predictions about future sets of data?	
What are statistics?	
What is the mean?	
How do you find the mean?	
What is the median?	
How do you find the median?	
What is the mode?	

How do you find the mode?	
What is the range?	
How do you find the range?	
What is a conclusion?	
What are conclusions used for?	
Summary	