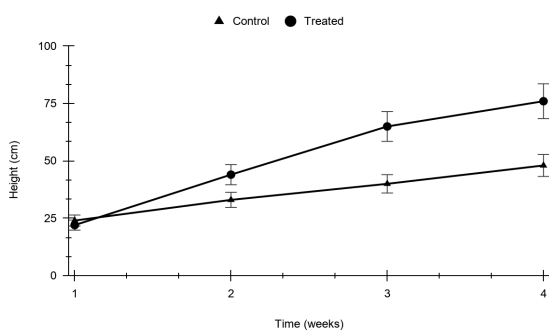
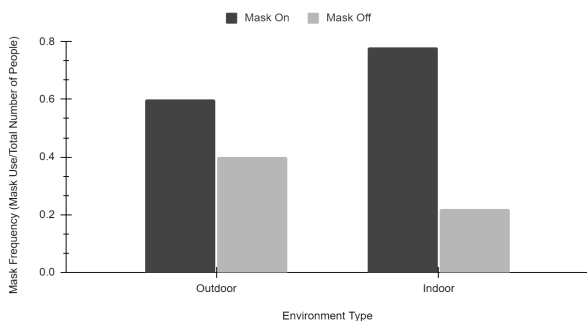


## Figure Caption Guidelines

Figure captions are an important aspect of scientific data reporting as they help readers understand and correctly interpret a figure. Any graph or image in a report is considered incomplete without a proper caption.



**Figure 1. Ammonium Sulfate treatment increases the growth rate of tomato plants (*Solanum lycopersicum*).** Control plants (n = 3) received no treatment while treated plants (n = 3) received dry ammonium sulfate ((NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>) at week one. Error bars represent standard errors of the mean, averages are plotted.



**Figure 2. Increase in frequency of proper mask usage in indoor vs outdoor settings.** Proper mask usage was defined as wearing a mask that covered the mouth and nose entirely. Data calculated from Santa Clara University fall 2020 BIOL 1B class data.

## Essential Components:

### 1. Figure Number

Figures should be numbered using the order in which they appear in a text. (Typically in **bold font**)

### 2. Figure Title

A figure title informs the viewer what they should learn from the graph or figure. This should not be a full sentence or a statement of the axis titles; rather, it should provide context for the figure. (Typically in **bold font**)

### 3. Figure Description

The figure description follows the title and should include any information readers may need to properly understand the figure. This is typically in normal font and may include

- specifications of what statistics are shown (average, range, etc.)
- explanations of what any different markers represent (if not already given in a legend)
- sample sizes (n=X)
- definitions of any abbreviations (no need to define common abbreviations such as mL, ppm, etc.)
- references to any table where data was given.

DO NOT simply restate information already given in the figure or analysis of the data.

**Note:** figure captions go below the figure; table titles should go above the table. Table titles do not contain descriptions, but they may include footnotes to provide any additional necessary information.