

1163-M1-856 **Deborah Hughes Hallett*** (dhh@math.arizona.edu), dhh@math.arizona.edu, and **Enrique Acosta**, enriqueacostajaramillo@gmail.com. *Why Model? Why Plot? Spreadsheets and Covid-19 Data in the Classroom*. Preliminary report.

Covid-19 has (unfortunately) put tons of data and important questions right in front of us. Spreadsheets put the power in students hand to investigate these questions, and sometimes answer them. Using a spreadsheet, students can see for themselves why published data is usually smoothed into 7-day averages. They can investigate the spread in different regions and see the impact of changing directives—for example, lock downs and social distancing. They can make predictions from a scatterplot. (Received September 14, 2020)