

# Exploring a Social Justice Issue by the Numbers

Use this document to help you document your investigative process. The provided questions will help guide you.





# Working Through an Inquiry





# Exploring the Dataset

After looking at the variable list, what variable seems the most interesting?

Is there another variable that you think might be related to the variable that you are interested in?



# Developing a Question

What types of variables (numerical, categorical, ordinal) have you selected?

How does the type of data influence the question you can ask?

What is your question?



# Making a Plan

What strategy (graphs, calculations, etc) can you use to answer your question?

Why did you pick this strategy to answer your question?



# Investigate!

Record notes about your investigation here. This can include notes about a calculation, a screenshot of a graph, or both.



# Form an Opinion

Use the investigation to answer the question that you developed. What is the answer you arrived at with the provided data?

Do you think you should refine your investigation? How would you refine the investigation?



# Refining the Investigation





# Developing The Refinement

What is your plan to refine the investigation?

Is there another variable that you think might be related to the variable that you are interested in?

Is this a replacement variable or an additional variable?



# Refining the Question

What types of variables have you selected? Is this different from the original inquiry?

How does the type of data influence the refined question? Is it the same as in the original question?

What is your refined question?



# Making a Plan

What strategy (graphs, calculations, etc) can you use to answer your refined question?

Why did you pick this strategy to answer your refined question?



# Investigate!

Record notes about your investigation here. This can include notes about a calculation, a screenshot of a graph, or both.

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# Form an Opinion

Use the investigation to answer the refined question that you developed. What is the answer you arrived at with the provided data?

How does your refined answer differ from the answer generated in the original investigation?