Week 4: Data, A Field Guide

Assignment: Data in the Tidyverse (Covered Week 5; Optional)

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## Due This Week: [Problem Set 4](../problemsets/ps4.qmd)

## Readings & Reference Material

### Lecture: A Field Guide to Data

* **DMSS**, ch 3 & 4
* **RDS**, chs 7 & 8
* **FCSP**, ch 5.4-5.6
* Tidyverse cheatsheets: <https://rstudio.github.io/cheatsheets/>, especially:
  + data tidying with tidyr: [html](https://rstudio.github.io/cheatsheets/html/tidyr.html) and [pdf](https://rstudio.github.io/cheatsheets/tidyr.pdf)
  + data transformation with dplyr: [html](https://rstudio.github.io/cheatsheets/html/data-transformation.html) and [pdf](https://rstudio.github.io/cheatsheets/data-transformation.pdf)
  + data import with readr: [html](https://rstudio.github.io/cheatsheets/html/data-import.html) and [pdf](https://rstudio.github.io/cheatsheets/data-import.pdf)
  + data visualization with ggplot2: [html](https://rstudio.github.io/cheatsheets/html/data-visualization.html) and [pdf](https://rstudio.github.io/cheatsheets/data-visualization.pdf)

## Computer Work

In case you have not yet done so, install the tidyverse series of packages in your local R installation.

## Due Next Week: [Problem Set 5](../problemsets/ps5.qmd)