



# HIV/AIDS:

## A Comprehensive National and State-Wide Analysis

W209 - Final Project

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# Our Users

## Who benefits from this information?

1. Insurance agencies
2. Pharmaceutical Companies
3. Local HIV/LGBT Agencies with less resources
  - Is sufficient coverage provided for the most impacted?
  - Where is the coverage lacking?
  - What are the trends of new infections rates for different states, observed over the past seven years?

# Our User Testing...

1. Our purpose/tasks have not changed
2. Simplify
  - Do not complicate the data/space
3. Be clear about the information displayed
  - Rate <> Numbers of new infections
  - Annual data <> Totals
  - Add features to aid memory and insights

# Our Changes

## Final Platform

- One munged dataset from flat files obtained from AIDSVu
- HTML, CSS, JS, D3
  - Eliminated Tableau, Bokeh

## Integrating User Feedback

- Simplify, simplify, simplify
- Eliminated geo-visualization - it's fun but not needed
- Added parallel graph
  - Shows lots of data in a simplified way
- Enhanced demographic cross-filter with intuitive colors, linking and tables to aid memory

# Jump to visualization

Demographic Breakdowns

Parallel Graph