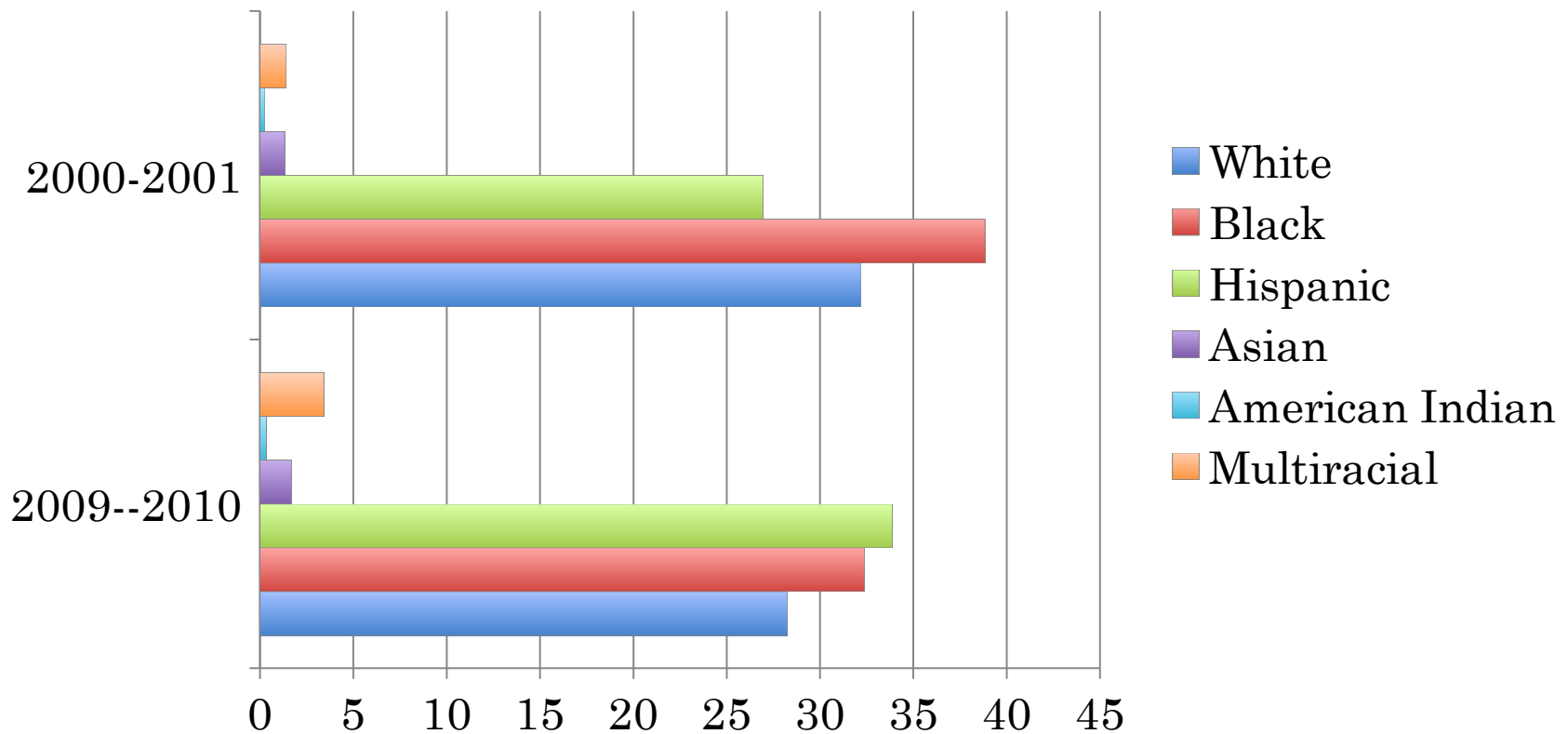


Making bar chart

- The two following figures were created by embedding Excel objects in a PowerPoint presentation.
- When imported into Impress, the colors turn to black & white.
- This is ironic because it is taken from a lecture about the choice of color in creating graphs.
- Last two pictures are embedded PDFs and do not exhibit the problem.

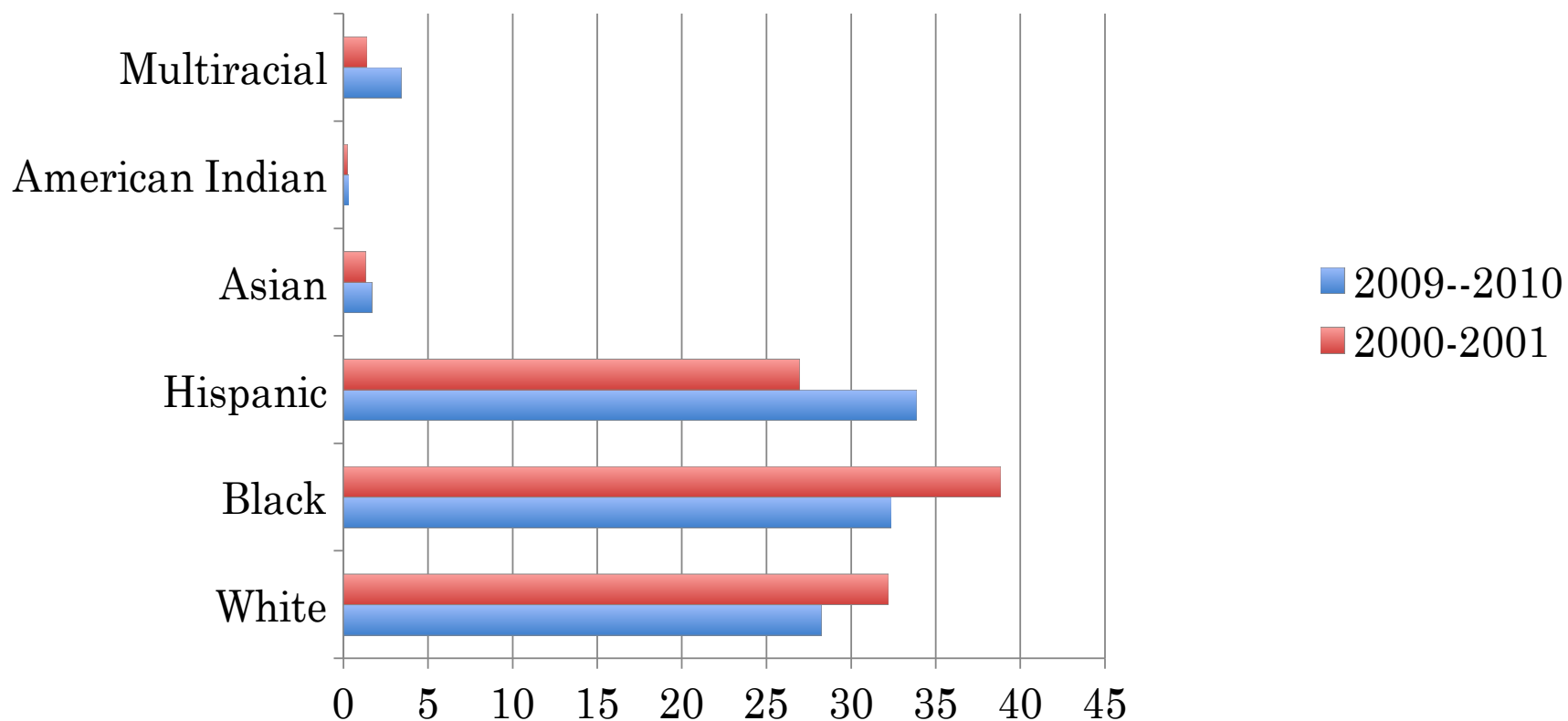
Bar Chart 1

% School Lunch by Year and Race



Bar Chart 2

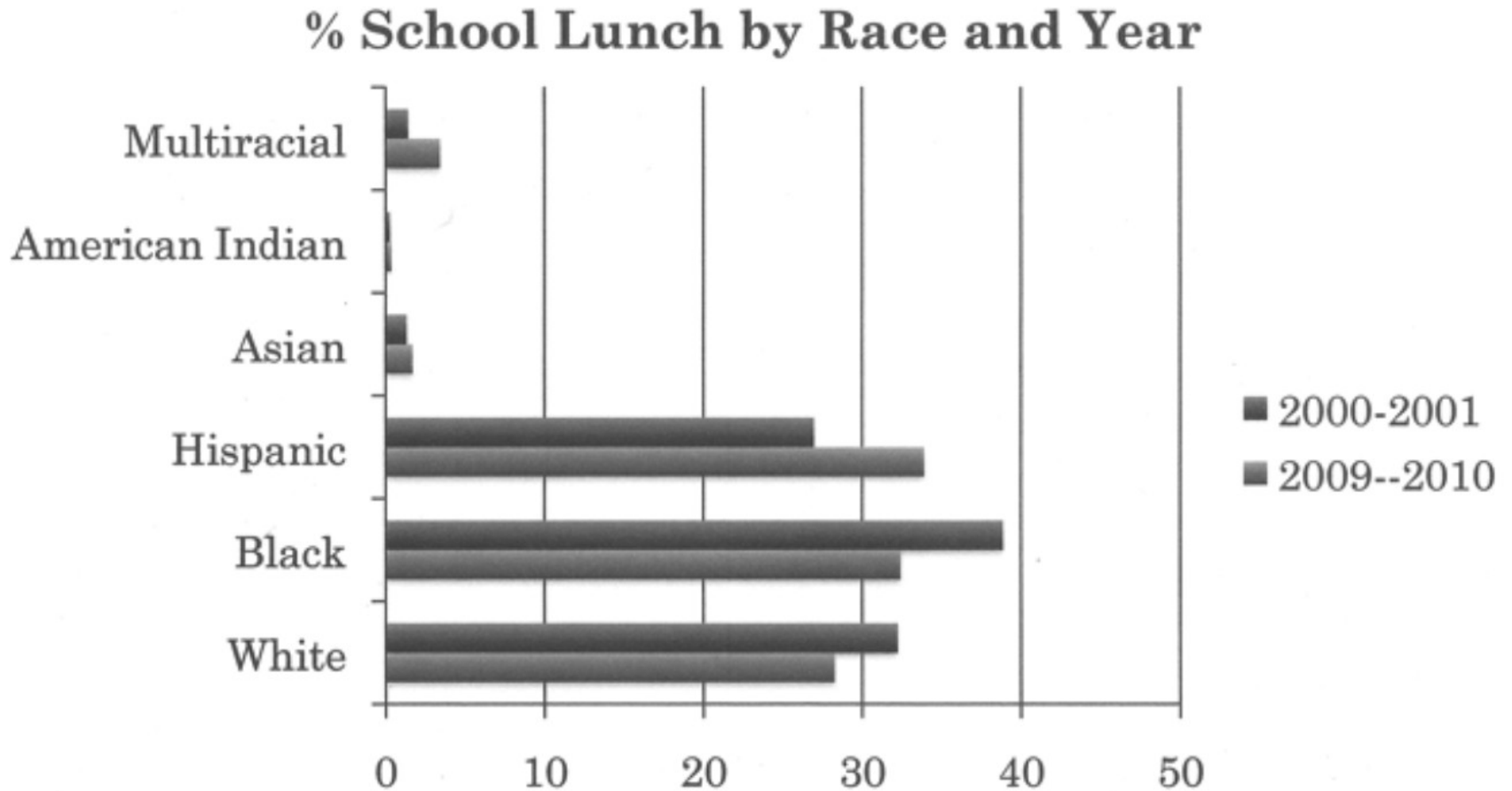
% School Lunch by Race and Year



Potential Issues

- MS Excel® graphs are designed to look pretty rather than convey information
- 3D effect on bars
 - Okay, as long as it doesn't get in the way of interpretation
- Color choices
 - Red–Green color blindness is very common
 - Colors are roughly same intensity, so will show up the same on B & W copies
 - Solution: Look at colors on HSV scale and pick colors that differ on S dimension

Bar Chart 2 B & W



Bar Chart 2 Improved

% School Lunch by Race and Year

