Persuasive Power of Maps

Why Scale and Projection Matter
1. Describe which area of the map is the least distorted. Explain why this is the case.
2. Using what you determined from the previous map, how does scale impact accuracy even with the same projection? Be as specific as possible.
3. Based on the data presented on these maps, which two cellular carriers would you choose for service? Why?
4. Based on the data presented on these maps, which company has the best cellular coverage?

5. What factors could make these maps inaccurate and flawed?
6. What statistic do these maps plot?

7. Does the inequity from the previous maps seem so significant now? What must have been presented in the previous maps?
8. Based on the data presented, which of the cellular carriers is a poor choice? Explain.
9. Based on your understanding of the world, what percentages do the colors represent?

10. How reliable is this map? Why?
11. Is this map more reliable than the previous?

12. What does this map tell us about American education?
13. What does this map tell us about American education?
14. Did this scale change your impressions of American education? Explain.
15. What does the map on the left tell us about population in America? Provide a scenario in which this information would be useful?

16. What does the map on the right tell us about population in America? Provide a scenario in which this information would be useful?
17. How do Americans compare to the Sudanese in terms of Income?

18. How do Americans compare to the Sudanese in terms of Poverty?
19. How do Americans compare to the Sudanese in terms of Poverty?
20. Did this scale change your impressions of American poverty? Explain.
21. Are these maps illustrating the same point or a different one? What is/are they?

22. Does scale matter in this scenario? Explain.
23. How does scale impact the data presented on a map and the perception we have of the world?

24. How does projection impact the data presented on a map and the perception we have of the world?