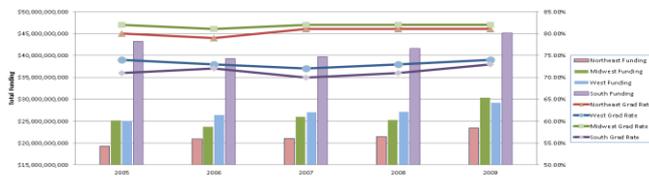


Student Performance and Educational Funding

ACT		Educational Funding	
Source of Funding		Significance	
Independent Variables			
Federal Funding per Student	★★★★★	R ²	
State Funding per Student	★★★★★		38.67%
Total Revenue per Student	★★★		
Department of Education	★★★★★		
Department of Agriculture	★★★★★		
Other Department	★★★		
Per Capita Personal Income	★★★★★		

Graduation Rate		Educational Funding	
Source of Funding		Significance	
Independent Variables			
Federal Funding per Student	★★★★★	R ²	
State Funding per Student	★★★★★		7.45%
Loc Funding per Student	★★★		
Department of Health and Human Services	★★		
Department of Agriculture	★★		

Funding vs Graduation Rates



As seen in **Figure 3**, the higher the funding per region, the lower the graduation rate. There is a large split between the Northeast Midwest regions and the South Midwest regions.

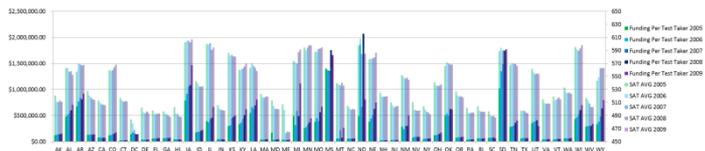


Figure 4

Figure 4 above shows the funding per SAT test taker graphed in front of the graph of the average SAT score by state across the years of 2005-2009 (left to right for each state.) The funding by test taker can be greatly skewed by high and low amounts of test takers

Jason Barton, Matthew Calascibetta, Kimberly Epting, Savannah Stevens

Funding Breakdown

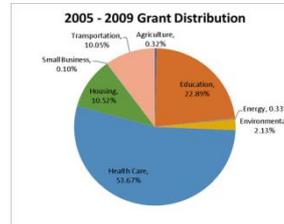


Figure 1

Grant Distribution	
Population Correlation	97.56%
Student Correlation	96.92%

Education

Top 3 Funding Sources

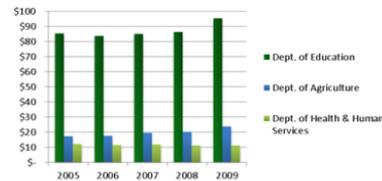


Figure 2

As seen in **Figure 2**, the top three funding sources to Education are listed. The Department of Education accounts for about 73% of all funding towards Education Grants in the United States. Department of Agriculture and the Department of Health and Human Services follow behind with, 16% and 10%, respectively. The other 1% is accounted by all other sources.

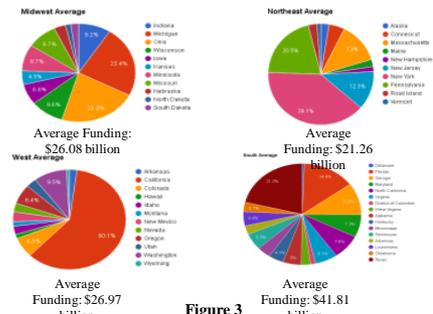
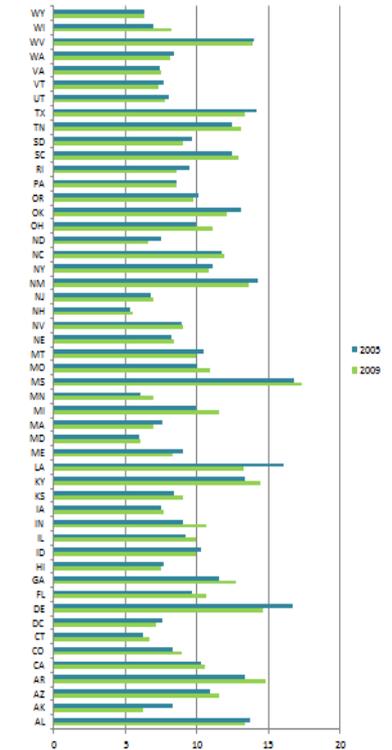


Figure 3

As seen in **Figure 3**, the average funding was primarily put into the south, while the Northeast received the least amount of funding.

Poverty Results

Families in Poverty



In the above figure is the percent of families in poverty per state in 2005 and 2009.

Summary of Findings

Student Performance and Educational Funding: The R² number shows that the relationship with educational funding and ACT scores is greater than the relationship between the funding and graduation rates. This may show that educational funding has a greater effect on better performing students.

Funding vs. Graduation Rates: As the funding increased or decreased the impact, if any, was not noticeable until years after the funding was given.

Funding vs. SAT: Typically, according to the graph, the SAT average increased with the more money that was given, but not substantially enough to report on.