

K – 12 Funding Analysis



	FY08	FY09	FY10	2011	FY12	FY13
Category						
Administrative						
Instructional						
Operational						
Professional Services						
Transportation						
Capital						
Other						
Total						

**Matrix
FY2013**

	FY13
Transportation	309.9



History of School Transportation Funding

1. Act 84 of 1947 - allowed school districts to incur Bonded indebtedness for school buildings and equipment, including buses.
2. Act 242 of 1961 - Established the State Transportation Aid Fund thru the State Board of Education for distribution of funds to public schools. \$20min/\$42max per avg. daily student transported.
3. Act 648 of 1975 - Amended Act 242 of 1961 by increasing to \$20min/\$90max per child transported.

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History of School Transportation Funding Continued...

4. Act 196 of 1979 - Amended Act 242 of 1961 by increasing to \$40min/\$120max per avg. child transported - specified K-12 included.
5. Act 83 of 1983 - Amended Act 242 of 1961 by increasing to \$70min/\$280max per avg. child transported.
6. Act 840 of 1991 - Required any remaining balance in a School district's state transportation funds balance not used by the end of the biennium to be returned to the ADE for deposit into the fund and redistributed.

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History of School Transportation Funding Continued...

7. Act 1133 of 1997 - Repeal of A.C.A. 6-20-219 (Act 242 of 1961) and replaced with High Cost Transportation Funding Formula.

8. Act 373 of 1999 - Modification of A.C.A. 6-20-1703 (Act 1133 of 1997) for Clarification and increased allowances.

9. Act 2138 of 2005 - Repealed A.C.A. 6-60-1701 et seq. (Act 1133 of 1997), and replaced with current formula.

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*Odden and Picus
The Arkansas Recalibration Report
August 30, 2006*

Page 80: ... we recommend a transportation categorical program which would average \$286 per pupil in 2007-08, but based on district's actual transportation expenditures in 2004-05 inflated up to a 2007-08 base, AND to be replaced by a standards-based formula in the future.

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Act 624 of 2007

A.C.A. § 10-3-317 (a) (1) The Dept. of Education shall provide the Bureau of Legislative Research with direct read and report only access to the department's data warehouse concerning school districts and related records.

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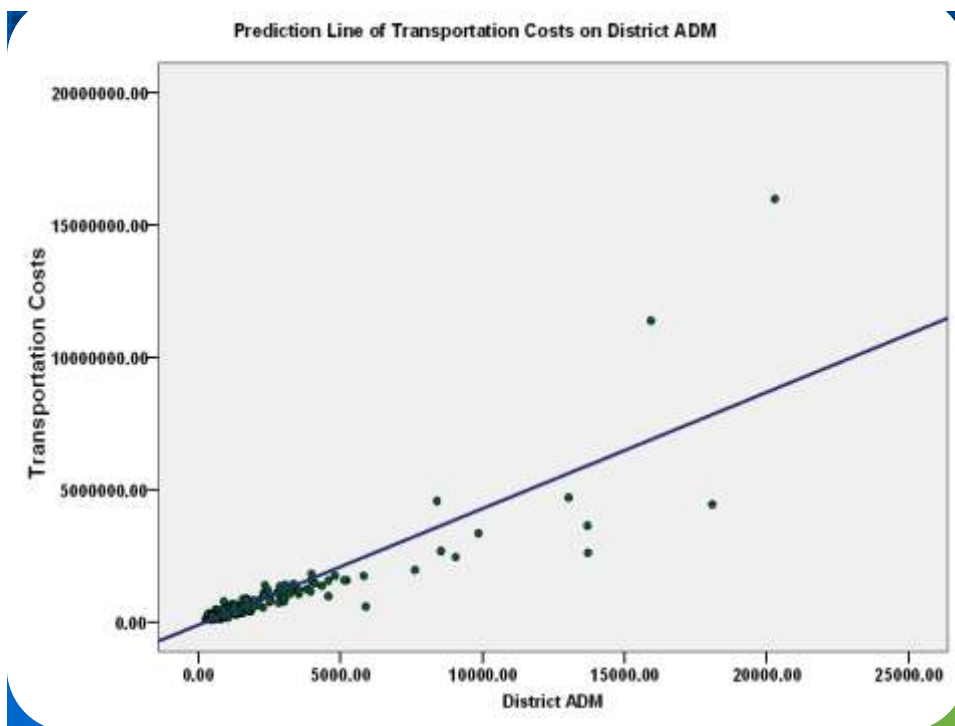
Transportation Variables

- **Cost**
- **ADM**
- **District Area (square miles)**
- **Number of Students Transported**
- **Daily Linear Route Miles**
- **Number of Buses**
- **Ratios:**
 1. ADM - District Area
 2. # Transported - District Area
 3. ADM - Miles

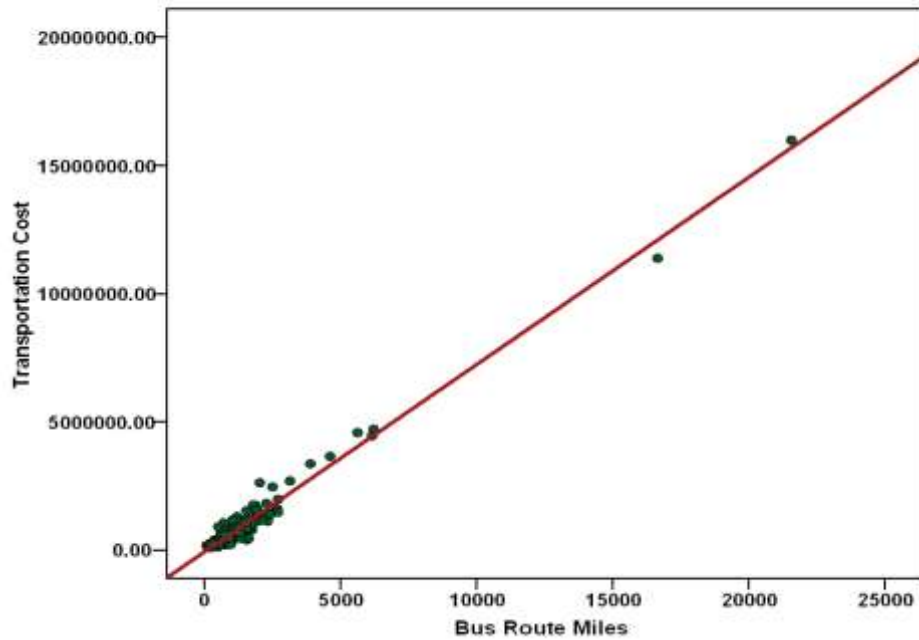
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$$\text{TransCost} = \beta_1(\text{miles}) + \beta_2(\text{riders}) + \beta_3(\text{ADM})$$
$$R^2 = .978$$

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Prediction Line of Transportation Costs based on Bus Route Miles



School District	Actual Cost	Matrix Provision	Model Estimate
A	2.21	4.33	2.28
B	0.99	1.47	0.98
C	2.50	2.96	2.48
D	0.702	1.72	0.92
E	3.40	4.48	4.28
Totals	9.802	14.96	10.94
14.96 less 9.802 equals 5.158 10.94 less 9.802 equals 1.138 5.158 less 1.138 equals 4.020			