

K - 12 Funding Analysis 2017



	FY17	FY18	FY19
Staffing Ratios			
School Size	500	500	500
K = 8% of students	40	40	40
Grades 1-3 = 23% of students	115	115	115
Grades 4-12 = 69% of students	345	345	345
Staffing Ratios			
K P.T ratio = 20:1	2.0	2.0	2.0
Grades 1-3 P.T ratio = 23:1	5.0	5.0	5.0
Grades 4-12 P.T ratio = 25:1	13.8	13.8	13.8
P.A.M = 20% of classroom	4.14	4.14	4.14
Total Classroom Teachers	24.94	24.94	24.94
Special Ed Teachers	2.0	2.0	2.0
Instructional Facilitators	2.5	2.5	2.5
Librarian / Media Specialist	0.85	0.85	0.85
Guidance Counselor & Nurse	2.5	2.5	2.5
Total Pupil Support Personnel	8.75	8.75	8.75
SUB TOTAL	33.69	33.69	33.69
Principal	1.0	1.0	1.0
Secretary	1.0	1.0	1.0
Total School-Level Personnel	35.69	35.69	35.69
School-Level Salaries			
Teacher Salary + Benefits	4,803.8	4,855.6	4,714.4
Principal Salary + Benefits	90.0	90.0	90.0
School-level secretary	1.0	1.0	1.0
School-Level Salaries Per Student	4,894.8	4,946.6	4,714.4
School-Level Resources			
Technology	250.0	250.0	250.0
Instructional Materials	183.1	183.1	183.1
Extra Duty Funds	64.9	65.5	66.2
Supervisory Aides	50.0	50.0	50.0
Substitutes	69.0	70.4	71.8
School-Level Resources Per Student	617.0	619.0	621.1
Carry-Forward			
Operations & Maintenance	664.9	674.9	685.0
Chickley Office	321.2	321.2	321.2
Transportation	321.2	321.2	321.2
Carry-Forward Per Student	1,317.3	1,327.3	1,337.4
Foundation Per Pupil Expenditures			
Adjustments	0	0	0
Matrix Foundation Per Student	6,646	6,713	6,781
Increase per ADM	3.62	67	66
Enhanced Funding Per Student	0	0	0
Matrix Foundation + Enhanced Per Student	6,646	6,713	6,781

Matrix
FY2017

FY17
321.2

Transportation



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.

3

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.

4

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.

5

Odden and Picus

*The Arkansas Recalibration Report
August 30, 2006*

- **Page 72: ... we have used existing 2004-05 transportation expenses by district inflated to 2007-08. This 2007-08 estimate averages \$286 per ADM, but varies considerably by district from a low of \$67 to a high of \$695 per pupil.**

6

Continue... Odden and Picus

- **Page 79:** ... we recommend that the transportation figure be removed from the new “per pupil” amount and provided to districts as a separate grant, providing each district with the amount actually spent per pupil on transportation in 2004-05 inflated up to an appropriate figure for 2007-08 until the state creates a more standards- and research-based transportation funding formula.

7

Continue... Odden and Picus

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.

8

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.

9

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

10

$$\text{TransCost} = \beta_1(\text{miles}) + \beta_2(\text{riders}) + \beta_3(\text{ADM})$$
$$R^2 = .977$$

11

