



## Research Report

# ANALYSIS OF ARKANSAS SCHOOL DISTRICT FINANCIAL, STUDENT, AND ACHIEVEMENT DATA FOR 2007, 2006, AND 2005 SCHOOL YEARS

## Volume I

Prepared for  
Joint Adequacy Evaluation Oversight Subcommittee  
of the House and Senate Interim Committees on Education

**BUREAU OF LEGISLATIVE RESEARCH**

## VOLUME I

### TABLE OF CONTENTS

<b>REPORT SUMMARY</b> .....	1
<b>METHODOLOGY</b> .....	4
<b>ANALYSIS</b> .....	7
K-12 REVENUES AND EXPENDITURES FOR 2007, 2006, AND 2005 .....	7
AVERAGE ACTAAP PERCENT PROFICIENT AND ABOVE FOR 2007, 2006, AND 2005 .....	8
2007 ACTAAP MAP .....	9
ACTAAP PERCENT PROFICIENT AND ABOVE DATA FOR 2006 AND 2005 .....	10
2007 DISTRICT SIZE MAP .....	11
2007 PERCENT WHITE MAP .....	12
2007 NLSA MAP .....	13
NLSA DATA FOR 2006 AND 2005 .....	14
2007 CATEGORICAL GRANTS PER PUPIL MAP .....	15
2007 REGIONAL SUMMARY MAP .....	16
EQUITY STATISTICS .....	17

## VOLUME II

### **SUPPLEMENTAL DATA**

EXPENDITURE FUNCTION DESCRIPTIONS  
EXPENDITURE PERCENTAGE BY DISTRICT  
FISCAL SUMMARY 2007  
STATISTICAL SUMMARY 2007  
FISCAL SUMMARY 2006  
STATISTICAL SUMMARY 2006  
FISCAL SUMMARY 2005  
STATISTICAL SUMMARY 2005

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This report was produced by The Bureau of Legislative Research, Arkansas Legislative Council at the request of the Joint Adequacy Evaluation Oversight Subcommittee of the House and Senate Interim Committees on Education. For further information or inquiries, contact Paul Atkins at [Atkinsp@arkleg.state.ar.us](mailto:Atkinsp@arkleg.state.ar.us) or 682-1937.

**ANALYSIS OF ARKANSAS SCHOOL DISTRICT  
FINANCIAL, STUDENT STATISTICAL, AND ACHIEVEMENT DATA  
FOR THE 2007, 2006, AND 2005 SCHOOL YEARS**

**REPORT SUMMARY**

The scope of this report is district-level financial, student statistical and student achievement data for the 2007, 2006, and 2005 school years. There are three primary areas of focus: 1) presenting a comprehensive and comparative overview of revenues and expenditures for the 2007, 2006, and 2005 school years and identifying any significant changes, 2) analyzing the relationships among financial, student statistical and achievement data for the 2007, 2006, and 2005 school years, and 3) analyzing the relative equity of public school finances in Arkansas at the district level for the 2007, 2006, and 2005 school years.

Information on the analytical and statistical methods used, sources of data and other explanations about the grouping and presentation of district data into quintile and regional level summaries can be found in the Methodology Section. The Analysis Section contains tables and exhibits reflecting data values for percentile ranges and geographical analysis on the relationship of achievement, student demographic and expenditure levels. This section also includes the statistical analysis performed on fiscal and horizontal equity. District specific information can be found in Volume II, Supplemental Data, of this report.

The primary observations and conclusions presented in this report are as follows:

- **DECLINING PERCENTAGE OF THE PUBLIC SCHOOL FINANCE BUDGET USED FOR INSTRUCTION**

The percentage of the budget used for instruction has declined for each of the two years since the 2005 school year. Instructional percentages as calculated in this report were 60.45% for 2005, 59.74% for 2006, and 58.51% for 2007. It should be pointed out that these percentages represent a statewide average. Significant variations among districts are noted in Volume II. These variations may reflect (along with other considerations) differences in administrative costs, number of schools, maintenance and operations costs and transportation costs. Volume II of this report includes an analysis of expenditure percentages by district, which reflects these variations. It is also important to note that the calculated instruction percentage is dependent upon the accuracy of the functional coding of expenditures by districts as reflected in the Arkansas Public School Computer Network (APSCN) data warehouse.

The number of school districts with an instructional expenditure percentage of 60% or more was 158 of 254 districts in 2005, 138 of 252 districts in 2006, and 94 of 245 districts in 2007. This is a significant statistic because the analysis presented on page 8 of this report generally shows a distinct correlation between instructional expenditure percentage and student achievement levels across percentile ranges for each of the three years analyzed. It should be pointed out that there has been an offsetting increase in pupil support and instructional support expenditures in each of the three years examined. Further analysis is needed to determine whether the combined instruction, pupil support, and instructional support levels can be correlated to achievement at the same level as the instructional percentage alone.

- **ACHIEVEMENT LEVELS**

Student achievement levels were compared across districts by calculating an average of the percent Proficient and Above for five Arkansas Comprehensive Testing, Assessment, and Accountability Program (ACTAAP) tests: fourth grade literacy and math, eighth grade literacy and math, and eleventh grade literacy. A comparison of district scores for five quintile ranges for 2007, 2006, and 2005 is shown below for the Percent Proficient and Above. The makeup of the quintile groups changes from year to year.

YEAR	QUINTILE 5 (HIGH) AVG ACTAAP	QUINTILE 4 AVG ACTAAP	QUINTILE 3 AVG ACTAAP	QUINTILE 2 AVG ACTAAP	QUINTILE 1 (LOW) AVG ACTAAP
2007	70.86%	63.99%	58.42%	52.71%	39.26%
2006	69.16%	61.97%	57.25%	50.93%	36.15%
2005	61.55%	53.92%	48.09%	42.37%	28.70%

The data above shows increases for all quintile groups for each of the three years examined. The increase in average ACTAAP scores as calculated for this report is more significant from 2005 to 2006 than from 2006 to 2007. There is significant variation between the high and low percentiles for each year.

Changes in ACTAAP levels from 2005 to 2007 presented above and on page 9 of this report represent an average of the districts within each percentile range. The data presented on page 9 indicates a higher increase over this period of time for the districts in the highest percentile as compared with the lowest percentile.

- **RELATIONSHIP OF STUDENT DEMOGRAPHICS AND ACTAAP LEVELS**

Average values for white/non-white students and NSLA percent making up each percentile group are shown on pages 12 and 13 of this report for the 2007 school year. Additionally, averages are shown for Total K-12 Expenditures (less building construction/acquisition and debt service) Per Pupil, K-12 Instructional Expenditures Per Pupil and State Revenues (including the Uniform Rate of Tax, or URT) and Local Property Taxes In Excess of URT Per Pupil for each group. As a generalization, higher ACTAAP scores are associated with higher percentages of white students and lower percentages of poverty students. Additionally, higher ACTAAP scores are generally associated with lower amounts for Total K-12 Expenditures (less building construction/acquisition and debt service) Per Pupil, K-12 Instructional Expenditures Per Pupil and State Revenues (including URT) and Local Property Taxes In Excess of URT Per Pupil. Data presented on page 10 for the 2006 and 2005 school years indicate similar relationships among student achievement levels, race, poverty level and expenditure levels. Data on students with special needs has not been included in this report. Information provided by the Arkansas Department of Education indicates that 12.62% of the state's students have special needs. It was noted that some districts have higher percentages of students with special needs than other districts and this would be an additional consideration affecting student achievement levels.

- **REGIONAL CHARACTERISTICS**

A regional summary of ACTAAP levels, student demographics and fiscal indicators is shown on page 16. The school districts in the Southeast and Pulaski County Regions have the highest levels of non-white students and poverty students. Consistent with the relationships previously described, the Southeast and Pulaski County Regions have the lowest levels of ACTAAP scores and the highest levels of expenditures and revenues per pupil. The highest levels of 2007 ACTAAP scores are in the Northwest, North Central, Central (excluding Pulaski County) and West Regions respectively. In the latter regions, lower poverty levels and higher percentages of white students are prevalent and lower expenditure and revenue levels are indicated. The Southwest and Northeast Regions fall between the higher and lower groups described and the student demographics and fiscal indicators are consistent with this placement. The five year enrollment change is also shown on page 16 with values ranging from a decrease of 10.55% in the Southeast to an increase of 18.41% in the Northwest. The five year enrollment change by district for the 2007 school year can be found in the 2007 Statistics in Volume II of this report.

- **DISTRICT SIZE (BASED ON 3 QUARTER AVERAGE DAILY MEMBERSHIP)**

Data values are shown on page 11 for the quintile groups of school districts selected from the perspective of average daily membership (ADM). Most districts are relatively small as indicated by the upper limit of the first three quintile groups being only 1,237 students. The data shown for the five quintiles of district size does not indicate any significant differences between ACTAAP levels or the three fiscal indicators shown.

- **EQUITY STATISTICS**

The analysis of fiscal equity focuses on the relationship of district resources to the district assessed property values on a per pupil basis. The analysis includes the ratio of local property taxes and state revenues per pupil to the assessed property value per pupil, the coefficient of correlation and the wealth elasticity index. Statistics for fiscal equity purposes in this report include Pulaski County desegregation expenditures. The analysis indicated that the resources provided to school districts in Arkansas are not strongly correlated with property wealth. Categorical funding is a significant reason for the relatively low correlation (and higher level of fiscal equity). Categorical funds per pupil are shown on page 15 of this report.

Horizontal equity was analyzed and compared from three different perspectives: Total K-12 Expenditures (less building construction/acquisition and debt service) Per Pupil, K-12 Instructional Expenditures Per Pupil and State Revenues (including URT) and Local Property Taxes In Excess of URT Per Pupil. Horizontal equity statistics presented in the Analysis Section of this report for 2007 and 2006 indicate little change from the values calculated for the 2005 school year.

Fiscal equity and horizontal equity statistics are found on pages 17-19 of this report.

## METHODOLOGY

### 1) SCOPE

The scope of this report is limited to district-level financial, student statistical and student achievement data for the 2007, 2006 and 2005 school years. School-level data including teacher/staff levels and qualifications, instruction methods and school resources were not within scope of the analysis of this report.

### 2) DATA SOURCES

Staff of the Bureau of Legislative Research extracted financial information from a data warehouse maintained by the APSCN Division of the Arkansas Department of Education.

Student ADM statistics were provided by the Arkansas Department of Education and compared to the Annual Statistical Reports.

NSLA statistics are based upon Free and Reduced Lunch data provided by the Department of Education.

Student achievement data for 2005 and 2006 was prepared from data published by the National Office for Research, Measurement and Evaluation Systems (NORMES) of the University of Arkansas. Student achievement data for 2007 was provided by the Arkansas Department of Education.

### 3) DATA VERIFICATION

**The data used for analysis in this report has not been audited.** Where possible, data was reconciled to the 2007, 2006, and 2005 Annual Statistical Reports prepared by the APSCN division of the Department of Education. **Data reported from the APSCN Data Warehouse is subject to the accuracy of the coding provided by the school districts.**

### 4) PER PUPIL CALCULATIONS

All revenue and expenditure per pupil calculations are based upon the **current year three quarter average daily membership.**

### 5) TOTAL K-12 EXPENDITURES (LESS FACILITIES ACQUISITION / CONSTRUCTION AND DEBT SERVICE)

Total K-12 expenditures (less facilities acquisition/construction and debt service) include all instruction, administrative, support, transportation, and non-instructional costs except for expenditures charged to function codes for facilities acquisition/construction and debt service). Capital outlay charged directly to function codes such as instruction and transportation are included in the costs of those functions. Total K-12 expenditures exclude adult education and preschool instruction. Costs for Pulaski County include expenditures relating to desegregation and magnet school programs.

### 6) TOTAL K-12 INSTRUCTIONAL EXPENDITURES

Total K-12 instructional expenditures include all costs (including capital outlay) charged to the instruction function code except for adult education and preschool instruction.

## 7) DISTRICT CONSOLIDATIONS

The report includes two statistics that cover more than a single year: the 2007 Five Year Enrollment Change and the 2005 to 2007 ACTAAP Change. The 2007 Five Year Enrollment Change calculation uses the 2007 districts as the basis for this calculation and incorporates the ADM statistics of consolidated districts into the appropriate 2007 consolidated entity. ACTAAP scores of consolidated districts have been combined with the 2007 consolidated entity on an ADM weighted average basis for calculation of the 2005 to 2007 ACTAAP change.

## 8) DISTRICT ACTAAP PERCENT PROFICIENT AND ABOVE SCORES

ACTAAP Percent Proficient and Above scores for purposes of comparing district student achievement levels for the 2007, 2006, and 2005 school years are based upon the average reported district scores for five tests: 4th Grade Literacy and Math, 8th Grade Literacy and Math, and 11th Grade Literacy. **Scores for these five tests have been added together and divided by 5 without any weighting for the number of students taking a particular test.** The scores used were for the "Combined Population." No analysis was performed based upon specific subgroups within the "Combined Population."

## 9) STATISTICAL ANALYSIS APPROACH

This report groups the school district statistics into five data sets (quintiles) based on the data's value. The lowest 20 percent makes up one quintile, the next 20 percent makes up another quintile, and so on. The average value for all districts within the quintile (49 school districts for the 2007 school year) was calculated for an ACTAAP Proficient and Above score, District ADM, NSLA percent and White/Non-White percent. **For purposes of computing average values for a quintile group, the statistical and fiscal indicators of each district counted the same as every other district without any weighting for district average daily membership.** When a quintile was selected using this approach, all related values (ACTAAP, ADM, NSLA%, etc.) were also calculated for that group of school districts. This approach has been used to focus greater attention on the relationships among these characteristics. Additionally, the three values used for equity analysis as described below are shown for each quintile group of school districts.

## 10) EQUITY STATISTICS

Fiscal equity focuses on the relationship between district resources and the district assessed property values on a per pupil basis. Statistics include the ratio of local property taxes and state revenues per pupil to the assessed property value per pupil, the coefficient of correlation, and the wealth elasticity index. **Statistics for fiscal equity purposes in this report include Pulaski County desegregation expenditures.**

Horizontal equity was analyzed and compared from three different perspectives: Total K-12 Expenditures (less building construction/acquisition and debt service) Per Pupil, K-12 Instructional Expenditures Per Pupil and State Revenues (including URT) and Local Property Taxes In Excess of URT Per Pupil. Statistics to be shown from three perspectives include the following: Mean Value, Range (difference between the largest and smallest values), Restricted Range (difference between values at 95th and 5th percentile), Federal Range Ratio (difference of values at 95th and 5th percentile/5th percentile value), Coefficient of Variation (Standard deviation/Mean) and the McLoone Index (Sum of Values below Median/Sum of districts with assumed median).

**Pupil statistics have not been weighted for poverty or special needs in this report for the purpose of calculating equity statistics.**

## **11) REGIONAL COMPARISONS**

Calculations of average values for key statistical and fiscal indicators are shown based on geographical regions within the state. The state geographical regions and assignments of school districts to those regions are based upon suggestions of staff of the Bureau of Legislative Research. **For purposes of computing average values for each geographical region of the state presented, the statistical and fiscal indicators of each district counted the same as every other district without any weighting for district average daily membership.**

## **12) COMPARISONS BETWEEN 2007, 2006, AND 2005 SCHOOL YEARS**

A comparison of revenues and expenditures for the 2007, 2006, and 2005 school years is included in the report. Other financing sources, such as proceeds from bond issues, are not included within amounts presented as revenues.

Statistical and fiscal data associated with quintile groups for ACTAAP Percent Proficient and Above and NSLA are presented in the report for the 2006 and 2005 school years for comparative purposes with data presented for the 2007 school year. The methodology previously discussed for selecting and averaging data based on five percentile ranges was used for these data sets.

## **13) MAPS**

All maps included in this report were prepared by the Geographic Information Office of the Arkansas Department of Information Systems using data and other specifications provided by staff of the Bureau of Legislative Research.

## **14) DISTRICT LEVEL DATA**

District-level statistical and fiscal data used in this report is presented for the 2007, 2006, and 2005 school years in Volume II. Volume II also includes a breakdown of district expenditures for 2007 by percentages.

## **15) REPORT REVIEWED WITH THE DEPARTMENT OF EDUCATION**

A preliminary draft of this report was reviewed with staff of the Department of Education. Two suggestions discussed at this meeting have been incorporated into Volume II, Supplemental Data, of this report: a breakdown of 2007 expenditures by percentages and a description of the functions used for recording expenditures. Staff from the department also suggested additional analysis of the correlation of achievement levels and the combination of instructional, pupil support, and instructional support. A preliminary analysis of these indicators for the 2007 school year did not indicate the same strength of correlation as our analysis of instructional expenditures and achievement levels. However, a more extensive analysis is probably warranted on this matter. Department staff also suggested exploring a weighted methodology for calculating the averages of multiple districts grouped together.



**K-12 REVENUES AND K-12 EXPENDITURES  
(LESS FACILITIES ACQUISITION/CONSTRUCTION AND DEBT SERVICE)  
FOR THE SCHOOL YEARS 2007, 2006, AND 2005**

	2007 TOTAL	2006 TOTAL	2005 TOTAL
<b>K-12 REVENUES</b>			
Foundation Funds:			
State Foundation Funds	\$ 1,810,604,160.00	\$ 1,765,604,673.00	\$ 1,727,341,263.51
URT Property Tax Receipts	<u>751,522,861.66</u>	<u>742,684,802.98</u>	<u>668,427,434.27</u>
Total Foundation Funds	\$ 2,562,127,021.66	\$ 2,508,289,475.98	\$ 2,395,768,697.78
Unrestricted State Funds Other Than Foundation Funds	90,708,268.63	79,488,628.50	124,413,125.84
State Restricted Grants - Categorical	186,486,706.00	177,412,427.00	191,870,931.00
State Restricted Grants - Other	156,065,420.85	162,192,284.81	132,617,495.67
State Restricted - Academic Facilities	82,917,044.32	31,196,555.62	
Local Property Taxes Received In Excess of URT	372,318,648.08	352,309,632.79	315,500,902.22
Other Local Receipts	258,619,030.03	250,950,968.40	239,087,478.15
Federal Funds	458,440,809.09	461,830,084.46	426,636,875.93
<b>TOTAL K-12 REVENUES</b>	<b>\$ 4,167,682,948.66</b>	<b>\$ 4,023,670,057.56</b>	<b>\$ 3,825,895,506.59</b>
<b>K-12 EXPENDITURES (LESS FACILITIES ACQUISITION/CONSTRUCTION AND DEBT SERVICE)</b>			
Instruction	\$ 2,241,444,342.59	\$ 2,176,215,433.84	\$ 2,070,125,873.12
Pupil Support Services	170,556,484.85	157,390,198.74	147,200,859.98
Instructional Support Services	254,869,619.97	216,385,312.38	183,931,534.40
General Administration	90,701,778.97	98,520,915.44	99,165,873.59
School Administration	207,123,587.07	195,311,614.79	187,164,637.34
Central and Other Support Services	108,916,407.52	96,994,076.24	92,541,578.74
Operation and Maintenance of Plant Services	380,796,133.90	352,100,295.64	313,299,950.74
Student Transportation Services	167,829,949.99	153,032,725.67	143,918,942.38
Food Service Operations	194,497,498.66	183,744,511.51	174,045,551.98
Other (Community Services, Non-Instructional, Enterprise)	14,156,950.29	12,890,983.70	12,997,256.92
<b>TOTAL K-12 EXPENDITURES (LESS FACILITIES ACQUISITION/CONSTRUCTION AND DEBT SERVICE)</b>	<b>\$ 3,830,892,753.81</b>	<b>\$ 3,642,586,067.95</b>	<b>\$3,424,392,059.19</b>
Instruction	58.51%	59.74%	60.45%
Pupil Support Services	4.45%	4.32%	4.30%
Instructional Support Services	6.65%	5.94%	5.37%
General Administration	2.37%	2.70%	2.90%
School Administration	5.41%	5.36%	5.47%
Central and Other Support Services	2.84%	2.66%	2.70%
Operation and Maintenance of Plant Services	9.94%	9.67%	9.15%
Student Transportation Services	4.38%	4.20%	4.20%
Food Service Operations	5.08%	5.04%	5.08%
Community Services Operations	0.37%	0.35%	0.38%
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>
<b>NUMBER OF DISTRICTS</b>	<b>245</b>	<b>252</b>	<b>254</b>
<b>3 QUARTER AVERAGE DAILY MEMBERSHIP</b>	<b>458,654.31</b>	<b>456,648.57</b>	<b>450,128.73</b>

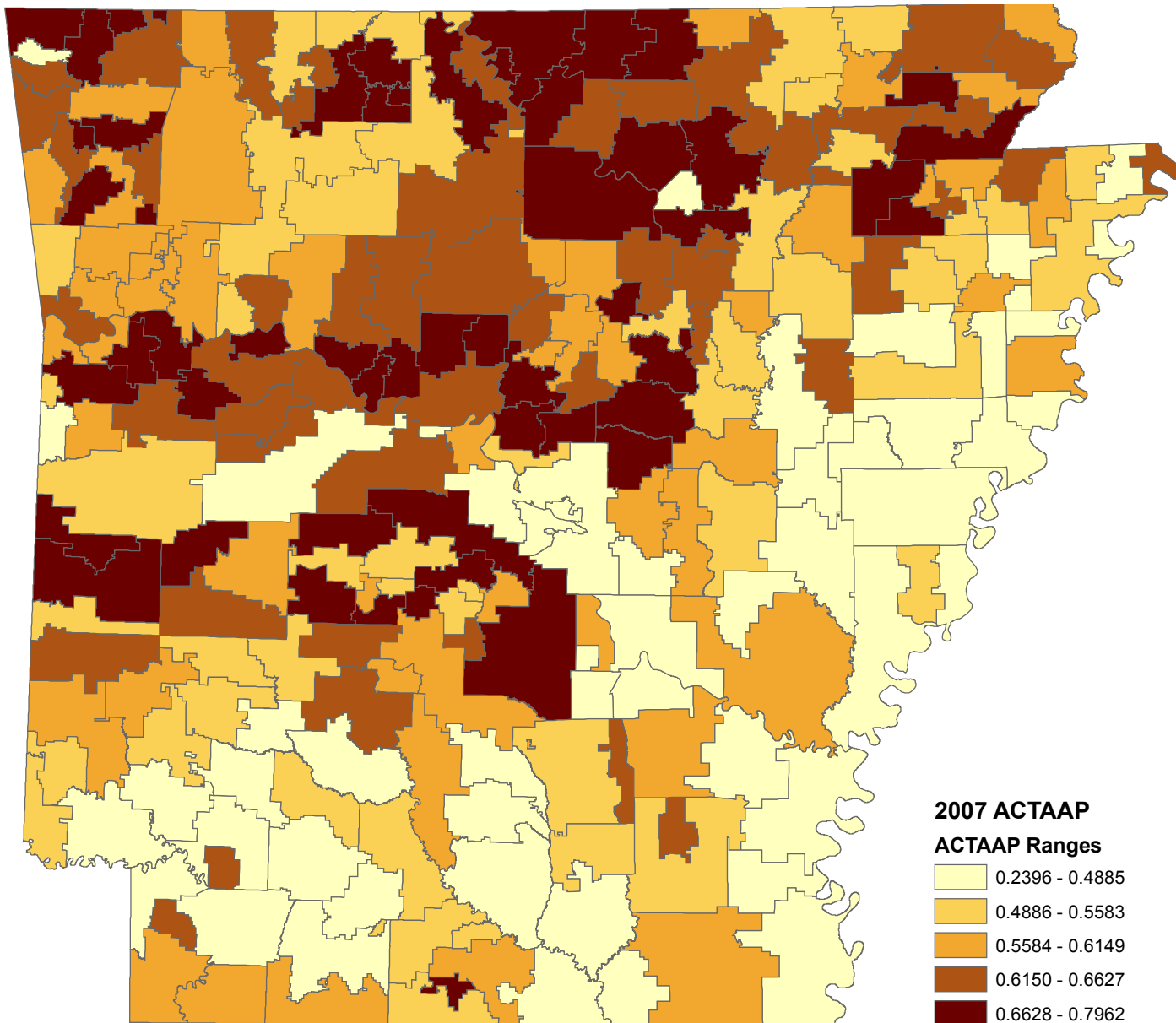
**AVERAGE ACTAAP PERCENT PROFICIENT AND ABOVE AND K-12 INSTRUCTION PERCENT  
FOR 2007, 2006, AND 2005**

<b>YEAR</b>	<b>QUINTILE 5 (HIGH)</b>	<b>QUINTILE 4</b>	<b>QUINTILE 3</b>	<b>QUINTILE 2</b>	<b>QUINTILE 1 (LOW)</b>
<b>2007 Average ACTAAP Percent Proficient and Above</b>	70.86%	63.99%	58.42%	52.71%	39.26%
<b>2007 K-12 Instruction %</b>	59.86%	59.46%	58.78%	59.22%	57%

<b>YEAR</b>	<b>QUINTILE 5 (HIGH)</b>	<b>QUINTILE 4</b>	<b>QUINTILE 3</b>	<b>QUINTILE 2</b>	<b>QUINTILE 1 (LOW)</b>
<b>2006 Average ACTAAP Percent Proficient and Above</b>	69.16%	61.97%	57.25%	50.93%	36.15%
<b>2006 K-12 Instruction %</b>	61.39%	60.82%	60.01%	59.93%	59.15%

<b>YEAR</b>	<b>QUINTILE 5 (HIGH)</b>	<b>QUINTILE 4</b>	<b>QUINTILE 3</b>	<b>QUINTILE 2</b>	<b>QUINTILE 1 (LOW)</b>
<b>2005 Average ACTAAP Percent Proficient and Above</b>	61.55%	53.92%	48.09%	42.37%	28.70%
<b>2005 K-12 Instruction %</b>	61.72%	61.33%	60.85%	60.96%	60.09%

# 2007 ACTAAP Percent Proficient and Above

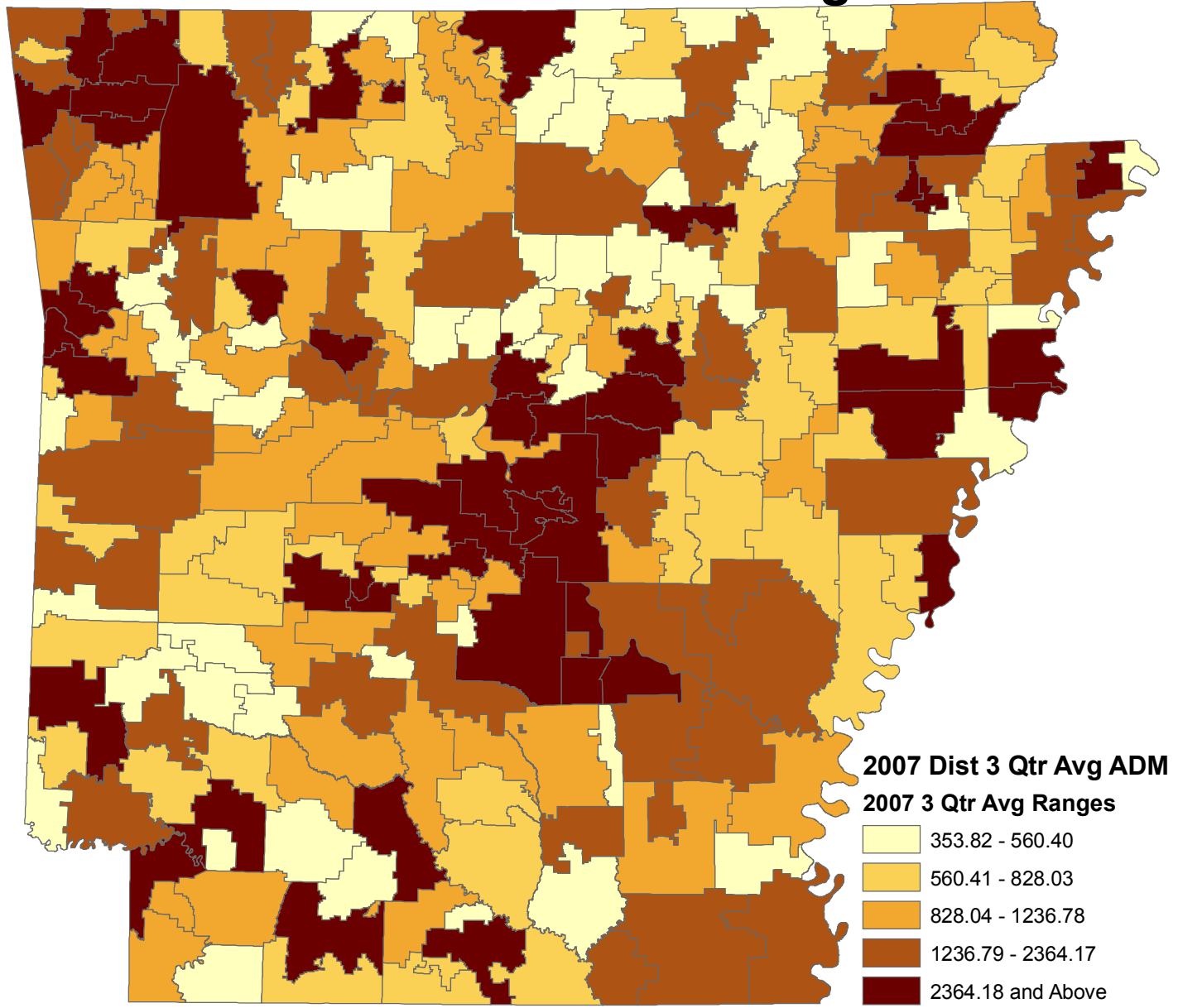


QUINTILE	5	4	3	2	1
<b>ACTAAP RANGE</b>	<b>66.28 % and above</b>	<b>61.50 - 66.27</b>	<b>55.84 - 61.49</b>	<b>48.86 - 55.83</b>	<b>23.96 - 48.85</b>
2007 3 Qtr Avg ADM	2550.94	1494.39	1953.8	974.2	2386.97
October 1 Enrollment	2563	1505	1966	980	2451
Five Year Enrollment Change	8.20%	2.22%	2.43%	-0.92%	-11.76%
NSLA %	44.14%	54.27%	54.83%	60.20%	72.58%
% White	92.59%	87.40%	83.10%	82.52%	42.22%
% Non White	7.41%	12.60%	16.90%	17.48%	57.78%
ACTAAP Change 2007 Compared to 2005	12.88	11.01	10.19	7.65	5.91
<b>Avg. 2007 ACTAAP Proficient and Above %</b>	<b>70.86%</b>	<b>63.99%</b>	<b>58.42%</b>	<b>52.71%</b>	<b>39.26%</b>
2007 K-12 Total Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil	\$7,715.35	\$8,026.72	\$8,142.95	\$8,258.34	\$9,150.81
2007 K-12 Instruction Expenditures Per Pupil	\$4,611.36	\$4,762.48	\$4,761.98	\$4,886.16	\$5,201.87
State Revenue (including URT) and Local Property Taxes In Excess of URT Per Pupil	\$6,818.52	\$7,025.39	\$6,963.63	\$7,088.48	\$7,735.52
Instruction % of K-12 Expenditures	59.86%	59.46%	58.78%	59.22%	57.00%

**ACTAAP PERCENT PROFICIENT AND ABOVE DATA FOR 2006 AND 2005**

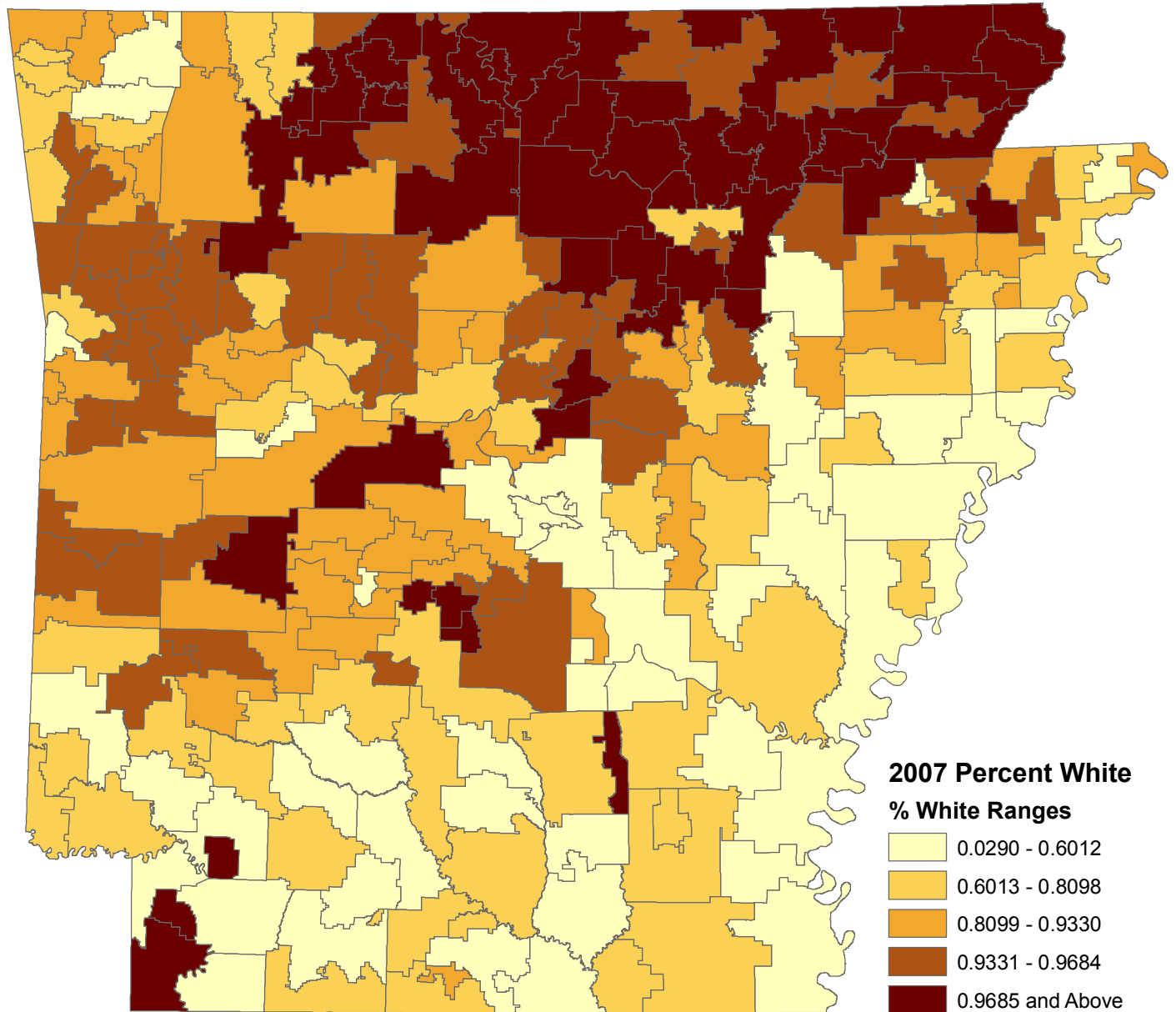
<b>2006 QUINTILE</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>2006 ACTAAP RANGE</b>	<b>64.74% and above</b>	<b>59.94% - 64.73%</b>	<b>54.68% - 59.93%</b>	<b>46.14% - 54.67%</b>	<b>15.18% - 46.13%</b>
2006 3 Quarter Average ADM	2,534.41	1,678.08	1,481.36	1,576.17	1,807.36
October 1 Enrollment	2,552	1,688	1,492	1,606	1,853
<b>2006 Average ACTAAP Proficient and Above</b>	<b>69.16%</b>	<b>61.97%</b>	<b>57.25%</b>	<b>50.93%</b>	<b>36.15%</b>
% White	92.00%	86.28%	85.81%	78.93%	42.43%
% Non-white	8.00%	13.72%	14.19%	21.07%	57.57%
Free / Reduced Percent	47.07%	55.05%	51.73%	58.23%	78.44%
Average 2006 Total K-12 Expenditures (Less Facilities Acquisition / Construction and Debt Service) Per Pupil	\$7,447.27	\$7,642.97	\$7,723.87	\$7,863.86	\$8,848.25
Average 2006 K-12 Instruction Expenditures Per Pupil	\$4,566.10	\$4,639.77	\$4,625.45	\$4,707.68	\$5,238.57
Average 2006 State Revenue (Including URT) and Local Property Taxes in Excess of URT Per Pupil	\$6,768.81	\$6,811.55	\$6,894.02	\$6,886.38	\$7,471.72
<b>K-12 Instruction %</b>	<b>61.39%</b>	<b>60.82%</b>	<b>60.01%</b>	<b>59.93%</b>	<b>59.15%</b>
<b>2005 QUINTILE</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>2005 ACTAAP RANGE</b>	<b>56.80% and above</b>	<b>51.16% - 56.79%</b>	<b>45.04% - 51.15%</b>	<b>38.32% - 45.03%</b>	<b>7.74% - 38.31%</b>
2005 3 Quarter Average ADM	2,102.70	2026.59	1393.19	1549.18	1780.21
October 1 Enrollment	2,110	2,032	1,400	1,575	1,813
<b>2005 Average ACTAAP Proficient and Above</b>	<b>61.55%</b>	<b>53.92%</b>	<b>48.09%</b>	<b>42.37%</b>	<b>28.70%</b>
% White	92.79%	89.63%	85.52%	77.08%	42.72%
% Non-white	7.21%	10.37%	14.48%	22.92%	57.28%
Free / Reduced Percent	46.33%	53.23%	52.55%	57.65%	71.07%
Average 2006 Total K-12 Expenditures (Less Facilities Acquisition / Construction and Debt Service) Per Pupil	\$7,130.52	\$7,336.73	\$7,185.99	\$7,645.77	\$8,504.32
Average 2006 K-12 Instruction Expenditures Per Pupil	\$4,390.41	\$4,494.34	\$4,368.86	\$4,652.56	\$5,093.85
Average 2006 State Revenue (including URT) and Local Property Taxes in Excess of URT Per Pupil	\$6,608.80	\$6,722.06	\$6,608.08	\$6,859.04	\$7,462.41
<b>K-12 Instruction %</b>	<b>61.72%</b>	<b>61.33%</b>	<b>60.85%</b>	<b>60.96%</b>	<b>60.09%</b>

# 2007 District 3 Quarter Average ADM



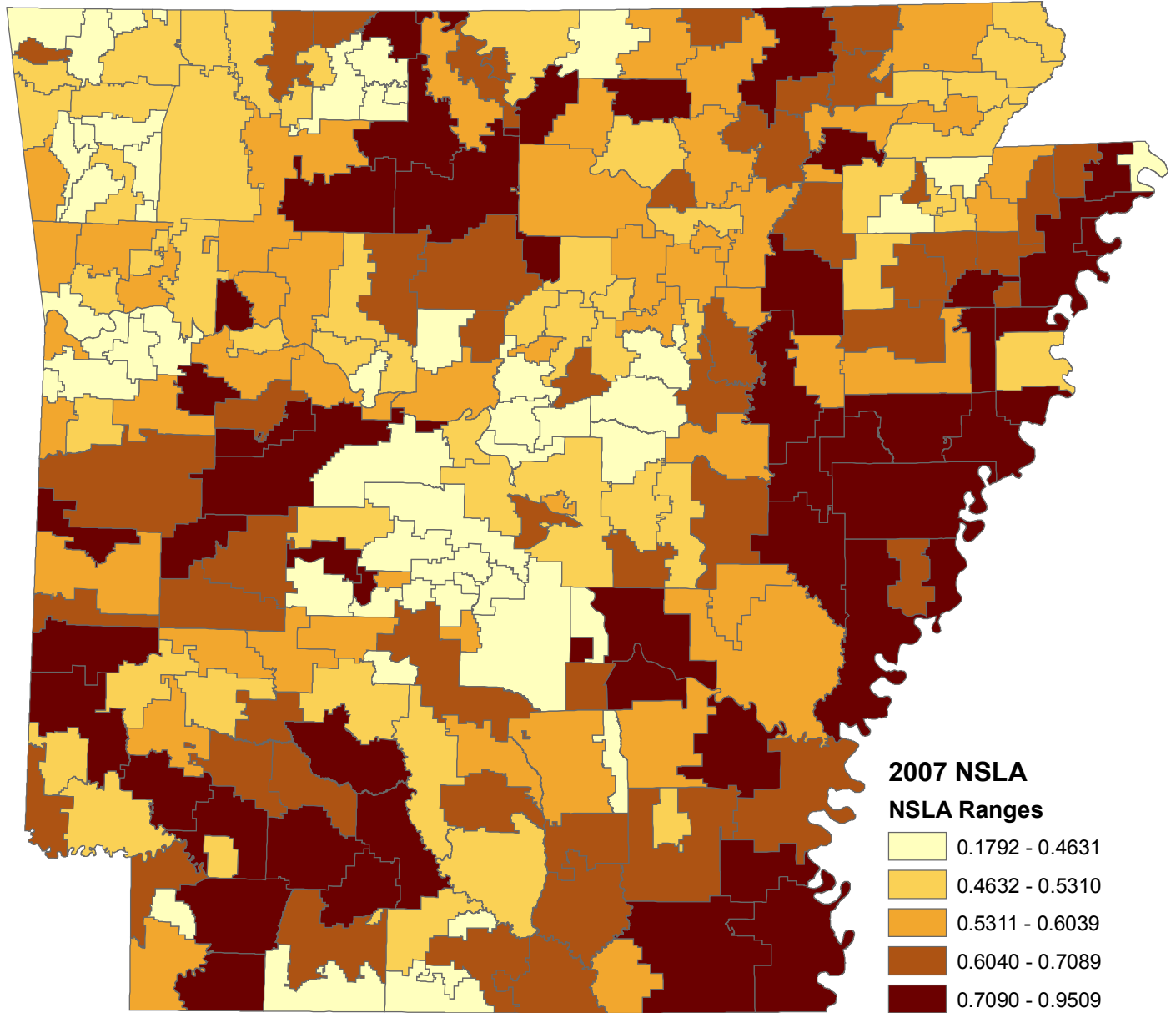
QUINTILE	5	4	3	2	1
<b>DISTRICT SIZE</b>					
<b>(2007 3 QTR AVG ADM)</b>	<b>2364.18 and above</b>	<b>1236.79 - 2364.17</b>	<b>828.04 - 1236.78</b>	<b>560.41 - 828.03</b>	<b>353.82 - 560.40</b>
2007 3 Qtr Avg ADM	5547.86	1665.41	991.44	683.01	472.57
October 1 Enrollment	5627	1676	998	688	476
Five Year Enrollment Change	6.05%	3.10%	-0.63%	-4.51%	-3.83%
NSLA %	52.20%	57.17%	54.79%	61.52%	60.34%
% White	65.07%	73.78%	85.69%	78.72%	84.56%
% Non White	34.93%	26.22%	14.31%	21.28%	15.44%
ACTAAP Change 2007 Compared to 2005	9.84	10.38	8.67	8.63	10.11
<b>Avg. 2007 ACTAAP Proficient and Above %</b>	<b>59.86%</b>	<b>57.89%</b>	<b>57.78%</b>	<b>53.08%</b>	<b>56.64%</b>
2007 K-12 Total Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil	\$8,133.49	\$8,019.88	\$8,123.69	\$8,466.46	\$8,550.63
2007 K-12 Instruction Expenditures Per Pupil	\$4,757.42	\$4,675.90	\$4,824.65	\$4,975.80	\$4,990.07
State Revenue (including URT) and Local Property Taxes In Excess of URT Per Pupil	\$7,157.94	\$6,976.25	\$7,030.15	\$7,171.23	\$7,295.99

# 2007 Percent White



QUINTILE	5	4	3	2	1
<b>PERCENT WHITE</b>	<b>96.85% and above</b>	<b>93.31% - 96.84%</b>	<b>80.99% - 93.30%</b>	<b>60.13% - 80.98%</b>	<b>2.90% - 60.12%</b>
2007 3 Qtr Avg ADM	965.43	1416.8	1543.71	1899.37	3534.98
October 1 Enrollment	972	1422	1553	1910	3606
Five Year Enrollment Change	-1.83%	6.23%	3.43%	0.33%	-8.00%
NSLA %	54.86%	51.55%	49.67%	56.91%	73.03%
% White	98.16%	95.30%	88.94%	70.14%	35.28%
% Non White	1.84%	4.70%	11.06%	29.86%	64.72%
ACTAAP Change 2007 Compared to 2005	10.31	8.55	10.82	9.42	8.53
<b>Avg. 2007 ACTAAP Proficient and Above %</b>	<b>62.95%</b>	<b>61.67%</b>	<b>61.26%</b>	<b>56.11%</b>	<b>43.26%</b>
2007 K-12 Total Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil	\$8,151.40	\$7,771.98	\$7,944.48	\$8,294.26	\$9,132.05
2007 K-12 Instruction Expenditures Per Pupil	\$4,845.82	\$4,639.00	\$4,712.51	\$4,827.61	\$5,198.91
State Revenue (including URT) and Local Property Taxes In Excess of URT Per Pupil	\$7,003.11	\$6,812.26	\$7,006.48	\$7,095.40	\$7,714.30

# 2007 NSLA Percent



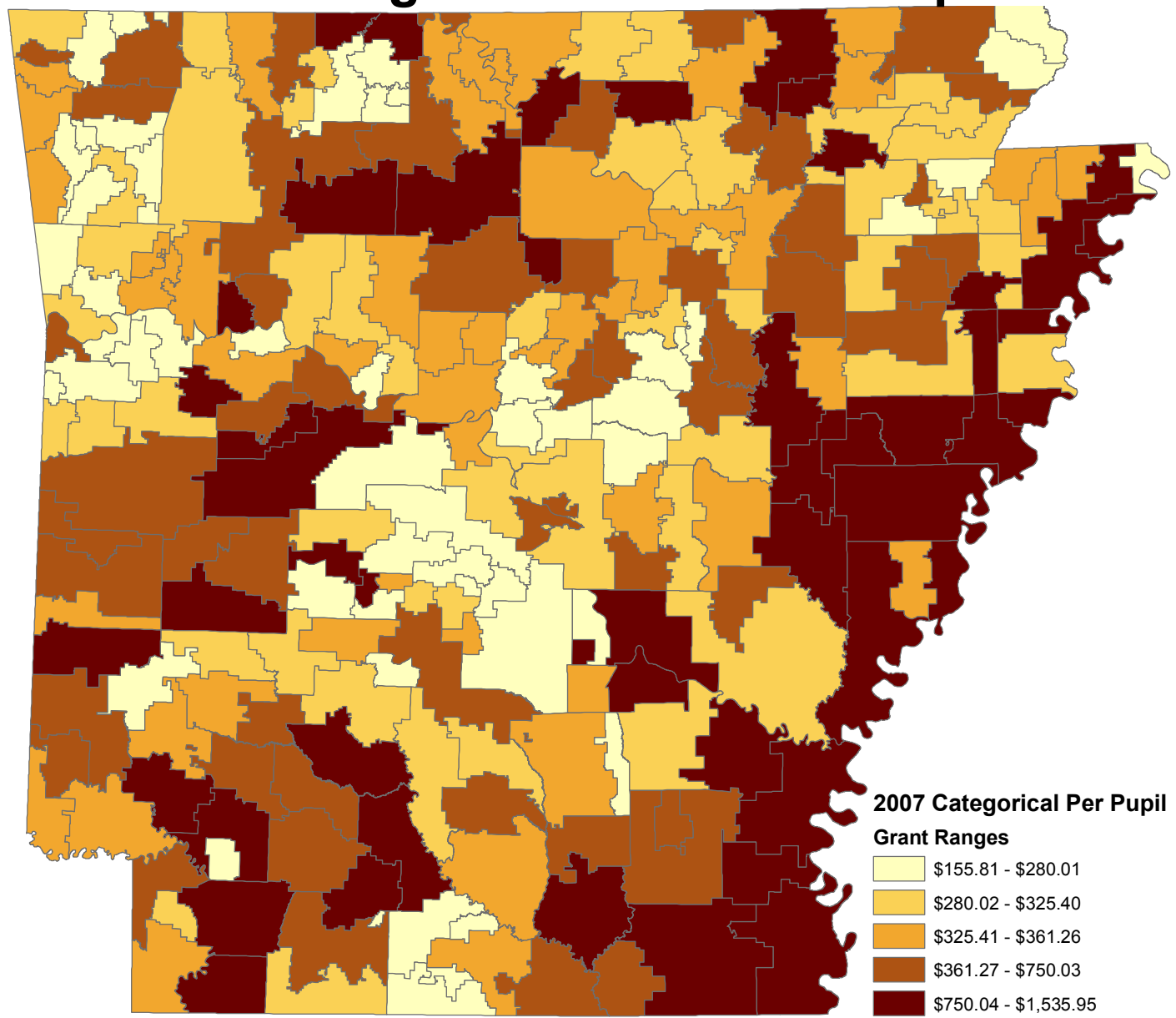
QUINTILE	5	4	3	2	1
<b>NSLA PERCENT</b>	<b>70.90% and above</b>	<b>60.40% - 70.89%</b>	<b>53.11% - 60.39%</b>	<b>46.32% - 53.10%</b>	<b>17.92% - 46.31%</b>
2007 3 Qtr Avg ADM	1333.45	1658.88	1588.86	2351.62	2427.48
October 1 Enrollment	1339	1708	1608	2372	2437
Five Year Enrollment Change	-8.89%	-2.47%	-1.57%	3.12%	9.98%
NSLA %	77.50%	65.09%	56.49%	49.60%	37.33%
% White	50.62%	75.52%	85.78%	85.23%	90.68%
% Non White	49.38%	24.48%	14.22%	14.77%	9.32%
ACTAAP Change 2007 Compared to 2005	8.59	7.18	10.25	9.79	11.82
<b>Avg. 2007 ACTAAP Proficient and Above %</b>	<b>45.85%</b>	<b>53.04%</b>	<b>59.07%</b>	<b>61.31%</b>	<b>65.98%</b>
2007 K-12 Total Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil	\$9,334.89	\$8,290.16	\$8,014.03	\$8,043.09	\$7,611.98
2007 K-12 Instruction Expenditures Per Pupil	\$5,338.91	\$4,790.44	\$4,775.71	\$4,766.63	\$4,552.15
State Revenue (including URT) and Local Property Taxes In Excess of URT Per Pupil	\$7,770.35	\$7,046.38	\$6,965.74	\$7,017.10	\$6,831.98

**NSLA DATA FOR 2006 AND 2005**

<b>2006 QUINTILE</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>AVERAGE NSLA PERCENT</b>	<b>79.11%</b>	<b>64.57%</b>	<b>56.29%</b>	<b>49.14%</b>	<b>37.29%</b>
2006 3 Quarter Average ADM	1,187.40	1,785.89	1,552.98	2,196.87	2,351.92
October 1 Enrollment	1,200	1,828	1,573	2,219	2,367
% White	49.11%	75.81%	83.47%	87.00%	90.26%
% Non-white	50.89%	24.19%	16.53%	13.00%	9.74%
<b>AVERAGE 2006 ACTAAP PROFICIENT AND ABOVE %</b>	<b>42.62%</b>	<b>52.56%</b>	<b>57.15%</b>	<b>59.59%</b>	<b>62.87%</b>
Average 2006 Total K-12 Expenditures (Less Facilities Acquisition / Construction and Debt Service) Per Pupil	\$9,025.06	\$7,989.15	\$7,699.90	\$7,616.75	\$7,246.61
Average 2006 K-12 Instruction Expenditures Per Pupil	\$5,327.35	\$4,772.88	\$4,659.74	\$4,677.12	\$4,379.95
Average 2006 State Revenue (Including URT) and Local Property Taxes in Excess of URT Per Pupil	\$7,544.25	\$6,923.68	\$6,759.99	\$6,863.54	\$6,765.34
<b>2005 QUINTILE</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>AVERAGE NSLA PERCENT</b>	<b>78.72%</b>	<b>63.04%</b>	<b>54.72%</b>	<b>48.27%</b>	<b>35.99%</b>
2005 3 Quarter Average ADM	1,176.00	1,678.48	1,608.67	2,131.11	2,263.33
October 1 Enrollment	1,184	1,716	1,615	2,151	2,270
% White	47.99%	75.27%	87.10%	86.05%	91.43%
% Non-white	52.01%	24.73%	12.90%	13.95%	8.57%
<b>AVERAGE 2005 ACTAAP PROFICIENT AND ABOVE %</b>	<b>34.77%</b>	<b>45.85%</b>	<b>50.28%</b>	<b>50.37%</b>	<b>53.55%</b>
Average 2005 Total K-12 Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil	\$8,677.43	\$7,665.76	\$7,298.88	\$7,258.23	\$6,901.19
Average 2005 K-12 Instruction Expenditures Per Pupil	\$5,159.75	\$4,620.13	\$4,505.87	\$4,487.04	\$4,227.91
Average 2005 State Revenue (Including URT) and Local Property Taxes in Excess of URT Per Pupil	\$7,596.09	\$6,831.71	\$6,586.83	\$6,693.66	\$6,549.48

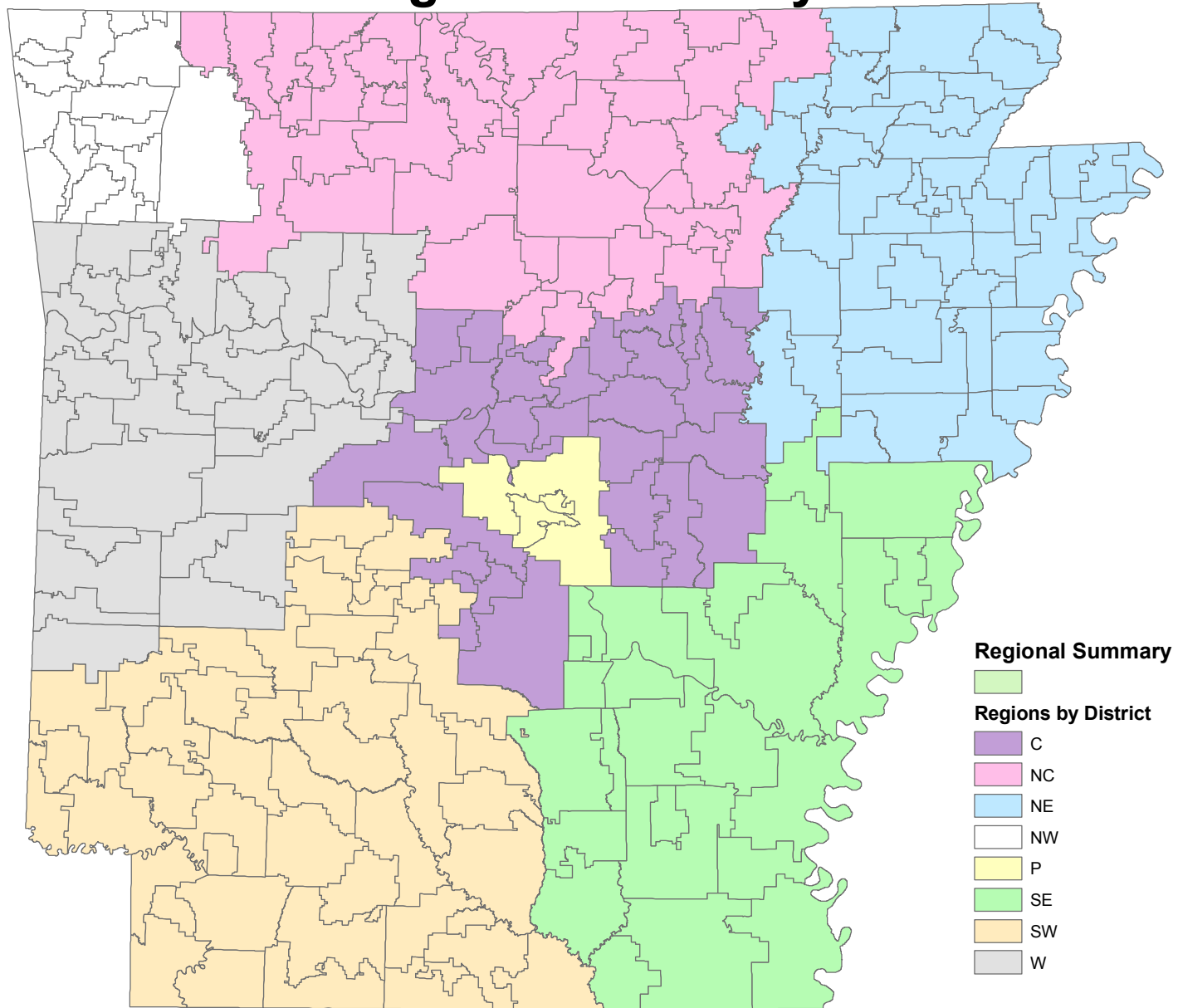


# 2007 Categorical Grants Per Pupil



2007 CATEGORICAL GRANTS PER PUPIL					
Quintile	5	4	3	2	1
<b>Range</b>	\$750.04 - \$1535.95	\$362.27 - \$750.03	\$325.41 - \$362.26	\$280.02 - \$325.40	\$155.81 - \$280.01
<b>Pupil</b>	<b>\$916.40</b>	<b>\$430.97</b>	<b>\$342.78</b>	<b>\$304.87</b>	<b>\$235.90</b>
2007 3 Qtr Avg ADM	1,280.08	2,678.00	1,399.42	1,650.75	2,352.04
October 1 Enrollment	1,285	2,742	1,411	1,664	2,361
Five Year Enrollment Change	-9.24%	-1.64%	0.18%	-0.02%	10.88%
NSLA %	77.23%	63.05%	56.02%	51.23%	38.49%
% White	51.24%	73.93%	83.17%	88.21%	91.27%
% Non White	48.76%	26.07%	16.83%	11.79%	8.73%
ACTAAP Change 2007 Compared to 2005	8.24	7.91	9.87	10.22	11.40
Avg. 2007 ACTAAP Proficient and Above %	45.60%	54.68%	59.49%	59.94%	65.54%
2007 K-12 Total Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil	\$9,358.16	\$8,446.45	\$8,051.43	\$7,943.42	\$7,494.69
2007 K-12 Instruction Expenditures Per Pupil	\$5,368.99	\$4,838.16	\$4,723.50	\$4,765.92	\$4,527.27
State Revenue (including URT) and Local Property Taxes In Excess of URT Per Pupil	\$7,784.24	\$7,147.04	\$6,879.92	\$7,037.87	\$6,782.47

# 2007 Regional Summary



REGION	CENTRAL	NORTH CENTRAL	NORTHEAST	NORTHWEST	PULASKI	SOUTHEAST	SOUTHWEST	WEST
NUMBER OF DISTRICTS	31	40	44	16	3	25	49	37
2007 3 Qtr Avg ADM	2,112.13	996.14	1512.11	4283.73	16643.82	1656.64	1302.95	1704.53
October 1 Enrollment	2,121	1003.48	1521	4312	17530	1667.36	1313	1713
Five Year Enrollment Change	5.32%	-0.54%	-3.50%	18.41%	-0.17%	-10.55%	-3.07%	3.77%
NSLA %	47.86%	57.95%	62.16%	44.63%	57.21%	68.88%	57.28%	55.78%
% White	88.59%	95.20%	74.66%	80.76%	37.23%	45.06%	69.03%	87.87%
% Non White	11.41%	4.80%	25.34%	19.24%	62.77%	54.94%	30.97%	12.13%
ACTAAP Change 2007 Compared to 2005	13.80	7.21	8.53	11.24	9.03	9.90	9.17	9.16
Avg. 2007 ACTAAP Proficient and Above %	<b>62.77%</b>	<b>62.87%</b>	<b>53.14%</b>	<b>63.88%</b>	<b>48.03%</b>	<b>44.60%</b>	<b>53.37%</b>	<b>61.69%</b>
2007 K-12 Total Expenditures (Less Facilities Acquisition/Construction and	\$7,727.08	\$8,250.71	\$8,356.31	\$7,971.56	\$9,998.53	\$8,921.19	\$8,346.39	\$8,016.90
2007 K-12 Instruction Expenditures Per Pupil	\$4,564.61	\$4,949.21	\$4,890.99	\$4,702.05	\$5,519.26	\$5,064.91	\$4,903.94	\$4,691.55
State Revenue (including URT) and Local Property Taxes In Excess of URT Per Pupil	\$6,795.99	\$7,201.30	\$7,082.35	\$7,147.01	\$9,182.44	\$7,621.13	\$7,121.05	\$6,871.22

## EQUITY STATISTICS

### FISCAL EQUITY: Relation of District Wealth and Local Property Taxes / State Revenues Per Pupil

The amount of local property taxes and state revenues per pupil was compared to the total assessed value per pupil and expressed as a ratio. The ratio of state revenue including URT and local property taxes per pupil to the assessed property value per pupil in 2007 increased as the average assessed value decreased, indicating poorer districts received a higher amount of local and state revenue on a per pupil basis. The calculated ratios for the 2007 school year are shown below:

PERCENTILE	AVERAGE TOTAL ASSESSED PROPERTY VALUE PER PUPIL	AVERAGE STATE REVENUE (INCLUDING URT) AND LOCAL PROPERTY TAXES IN EXCESS OF URT PER PUPIL	RATIO ASSESSED VALUE PER PUPIL / AVERAGE STATE REVENUE (INCLUDING URT) AND LOCAL PROPERTY TAXES IN EXCESS OF URT PER PUPIL
Percentile 5 (Highest Total Assessed Value)	\$109,664	\$7,452	6.80%
Percentile 4	\$68,887	\$7,350	10.67%
Percentile 3	\$55,351	\$7,016	12.68%
Percentile 2	\$46,356	\$7,003	15.11%
Percentile 1 (Lowest Total Assessed Value)	\$35,352	\$6,810	19.26%

The Wealth Neutrality Correlation and Wealth Elasticity statistics for State Revenue (Including URT) and Local Property Taxes In Excess of URT are presented below for 2007, 2006, and 2005. The Wealth Elasticity statistic indicates that revenues per pupil are not strongly related to property wealth.

STATISTIC	2007	2006	2005
Wealth Neutrality Correlation	0.289	0.393	0.221
Wealth Elasticity	0.077	0.000	0.063

All fiscal equity calculations on this page include Pulaski County desegregation costs.

**HORIZONTAL EQUITY STATISTICS: K-12 TOTAL EXPENDITURES (LESS FACILITIES ACQUISITION/CONSTRUCTION AND DEBT SERVICE) PER PUPIL**

<b>EQUITY STATISTIC</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>
MEAN	\$8,258.83	\$7,917.57	\$7,561.33
RESTRICTED RANGE	\$3,093.91	\$2911.36	\$3,038.36
COEFFICIENT OF VARIATION	0.12	0.13	0.13
MCLOONE INDEX	93.02%	93.73%	93.78%

The smaller coefficient of variation in K-12 Total Expenditures (Less Facilities Acquisition/Construction and Debt Service) Per Pupil in 2007 indicates an improvement in equity. The McLoone Index looks only at the values below the median. The lower McLoone Index value in 2007 indicates a slight decline in equity among the values below the median.

**HORIZONTAL EQUITY STATISTICS: K-12 INSTRUCTIONAL EXPENDITURES PER PUPIL**

<b>EQUITY STATISTIC</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>
MEAN	\$4,844.77	\$4,764.05	\$4,600.51
RESTRICTED RANGE	\$1,541.92	\$1,620.76	\$1,758.29
COEFFICIENT OF VARIATION	0.11	0.13	0.12
MCLOONE INDEX	93.71%	93.53%	92.81%

The smaller coefficient of variation in K-12 Total Instructional Expenditures Per Pupil in 2007 indicates an improvement in equity as compared with 2006 and 2005. The McLoone Index represents the values below the median, and reflects insignificant marginal differences in equity. The Restricted Range (difference of values at the 5th and 95th percentile) has improved in 2007 from an equity perspective.

**HORIZONTAL EQUITY STATISTICS: LOCAL PROPERTY TAXES AND STATE REVENUE PER PUPIL**

<b>EQUITY STATISTIC</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>
MEAN	\$7,126.31	\$6,972.41	\$6,852.59
RESTRICTED RANGE	\$2,176.93	\$1,931.98	\$2,325.90
COEFFICIENT OF VARIATION	0.10	0.09	0.11
MCLOONE INDEX	95.05%	95.71%	96.20%

The marginal differences in values for Restricted Range, Coefficient of Variation and McLoone Index, as reflected above, are not statistically significant.

As noted in the Methodology, all equity statistics have been calculated on a per pupil basis that has not been weighted for students in poverty or with special needs.

Statistical tests confirm that there are no significant differences between the coefficients of variation, McLoone Indexes, Wealth Neutrality Correlations, or Wealth Elasticity between the years 2007, 2006, and 2005.