

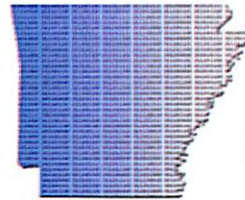
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

A-2(a) : COMPUTER SCIENCE

EXHIBIT ONE (1)

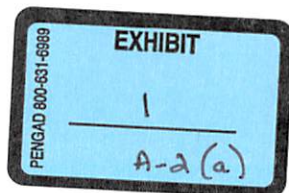
#CSforAR / #ARKidsCanCode

Computer Science Enrollment Report for School Year 2018-2019



ARKANSAS
K-12 COMPUTER SCIENCE

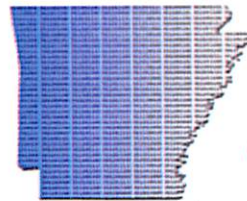
#ARKIDSCANCODE - SETTING THE STANDARD



Computer Science Initiative

Student Enrollment for 2018-2019

- The data within this information was compiled using the Arkansas School District Cycle 2 Report submissions.
- Districts are required to submit student enrollment numbers, in addition to other data, for the Cycle 2 Report on or before October 15th of each year.
- The numbers contained within this information are enrollment numbers as of October 15th, these numbers are what school funding is based on, and, due to various factors, may change or differ from student completion numbers.



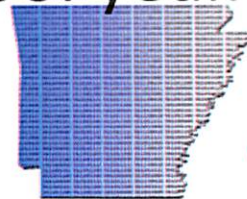
ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

Computer Science Initiative

Student Enrollment for 2018-2019

- The CS Course Enrollment data on page 8 is unduplicated student data. This represents the number of individual students in Arkansas enrolled in at least one, but in some instances more than one CS course for the 2018-19 school year.
- The data on pages 9-15 is duplicated student data. This represents all course enrollments, which includes approximately 1,100 students taking more than one CS course in the 2018-19 school year.



ARKANSAS
K-12 COMPUTER SCIENCE

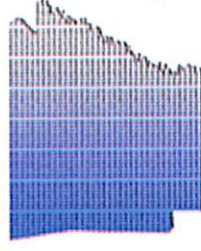
#ARKIDSCANCODE - SETTING THE STANDARD

Computer Science Courses

The following courses are used as the baseline to measure computer science student enrollment numbers for the 2014-2015, 2015-2016, and 2016-2017 school years:

- Computer Science and Mathematics;
- Essentials of Computer Programming;
- Programming I and Programming II;
- Java I and Java II;
- Intro to Object Oriented Programming;
- Computer Science and Software Engineering;
- Computer Game Design and Development;

(continued on next page)



ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

Computer Science Courses

(continued)

- Intro to Mobile Application Development;
- Mobile Application Development (MAD) I and MAD II;
- College Board Advanced Placement (AP) Computer Science Principles;
- College Board AP Computer Science A; and
- International Baccalaureate (IB) Computer Science (HL & SL)
- Computer Science Internship I and II
- Other Concurrent Credit Computer Science
- ADE Approved Computer Science



ARKANSAS
K-12 COMPUTER SCIENCE

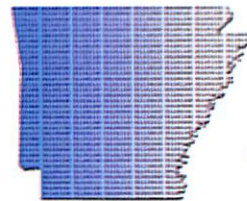
#ARKIDSCANCODE - SETTING THE STANDARD

Computer Science Courses

The following courses are used as the baseline to measure computer science student enrollment numbers for the 2017-2019 school years:

- Levels 1 and 3 of:
 - Computer Science with Programming/Coding Emphasis,
 - Mobile Application Development,
 - Computer Science with Networking/Hardware Emphasis
 - Robotics, and
 - Computer Science with Information Security Emphasis.
 - AP Computer Science Principles
 - AP Computer Science A

(continued on next page)



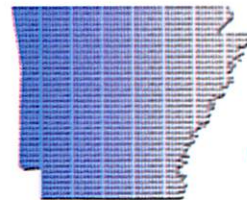
ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

Computer Science Courses

(continued)

- Levels 1 and 3 of:
 - Advanced Programming,
 - Advanced Networking,
 - Advanced Information Security
 - IB Computer Science HL & SL
 - ADE Computer Science Independent Study
 - ADE Computer Science Internship
- Concurrent Credit Computer Science
- Weighted Concurrent Credit Computer Science



ARKANSAS
K-12 COMPUTER SCIENCE

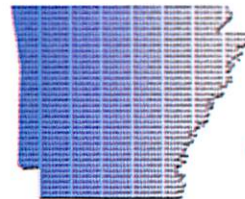
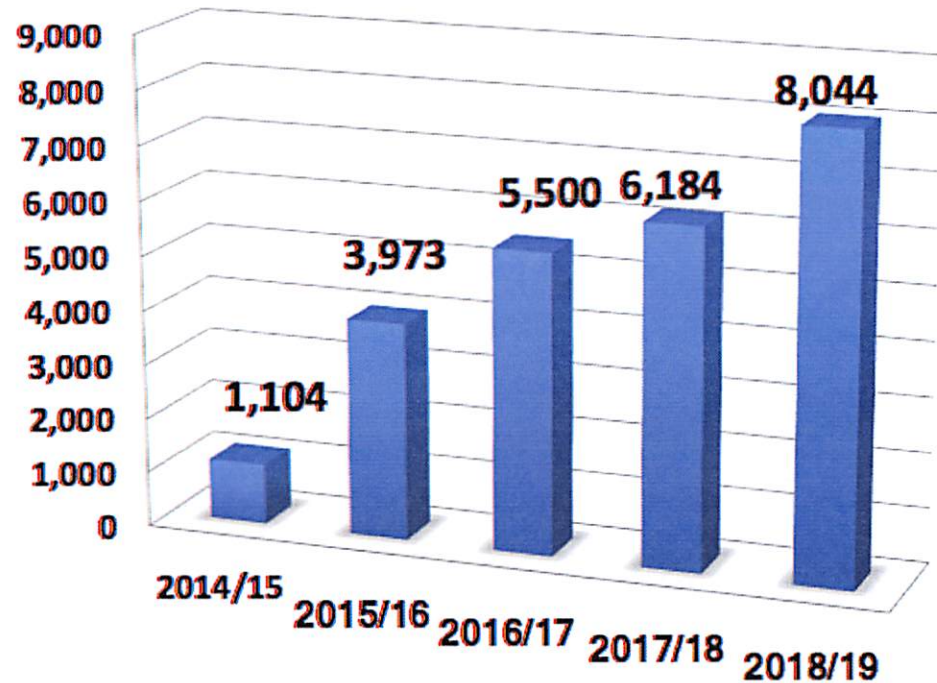
#ARKIDSCANCODE - SETTING THE STANDARD

CS Course Enrollment*

Total Student Enrollment

- 2014/2015 – 1,104
- 2015/2016 – 3,973
 - Increase of
 - 2,869 students
 - 260% increase over 14/15
- 2016/17 – 5,500
 - Increase of
 - 1,527 students
 - 38.4% increase over 2015/16
- 2017/18 – 6,184
 - Increase of
 - 684 students
 - 12% increase over 2016/17
- 2018/19 – 8,044
 - Increase of
 - 1,860 students
 - 30% increase over 2017/18

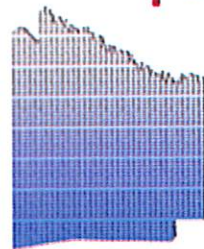
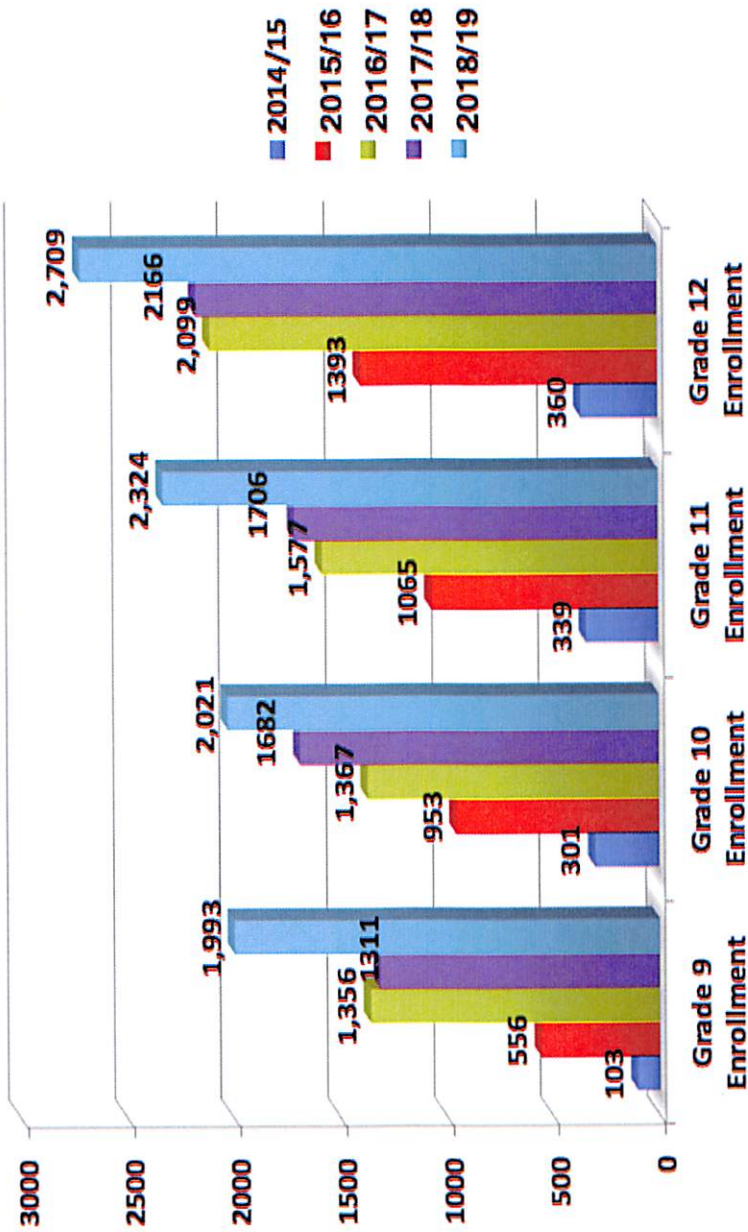
**individual students enrolled (unduplicated)*



ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

CS Course Enrollment Numbers by Grade*

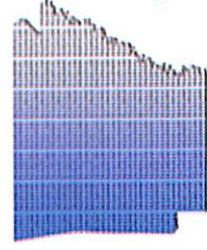
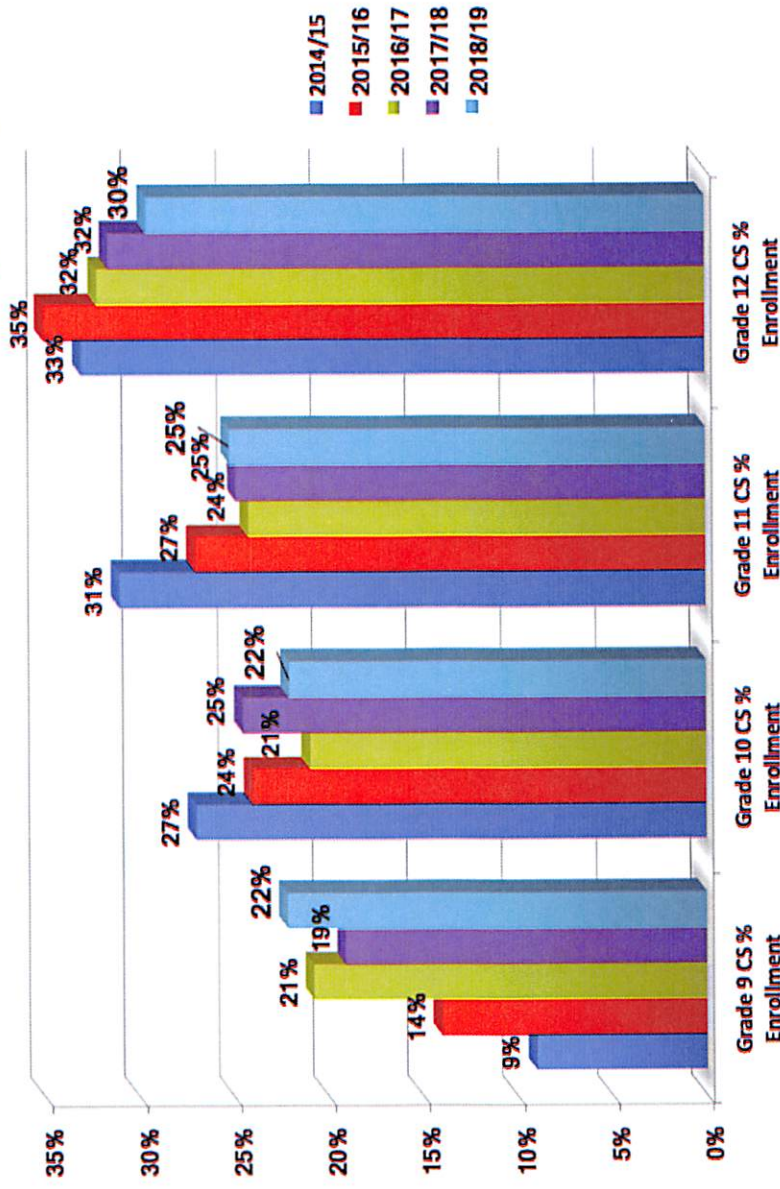


ARKANSAS
K-12 COMPUTER SCIENCE

*multiple course enrollment student data (duplicated)

#ARKIDSCANCODE - SETTING THE STANDARD

CS Courses Enrollment Percentage by Grade*



ARKANSAS
K-12 COMPUTER SCIENCE

*multiple course enrollment student data (duplicated)

#ARKIDSCANCODE - SETTING THE STANDARD

CS Male/Female Student Enrollment

2014/2015

- 880 (80%) Male
- 223 (20%) Female

2015/2016

- 2,942 (74%) Male
- 1,031 (26%) Female

2016/2017

- 4,703 (72%) Male
- 1,824 (28%) Female

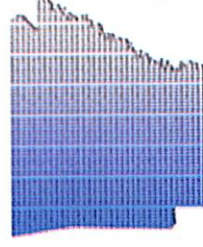
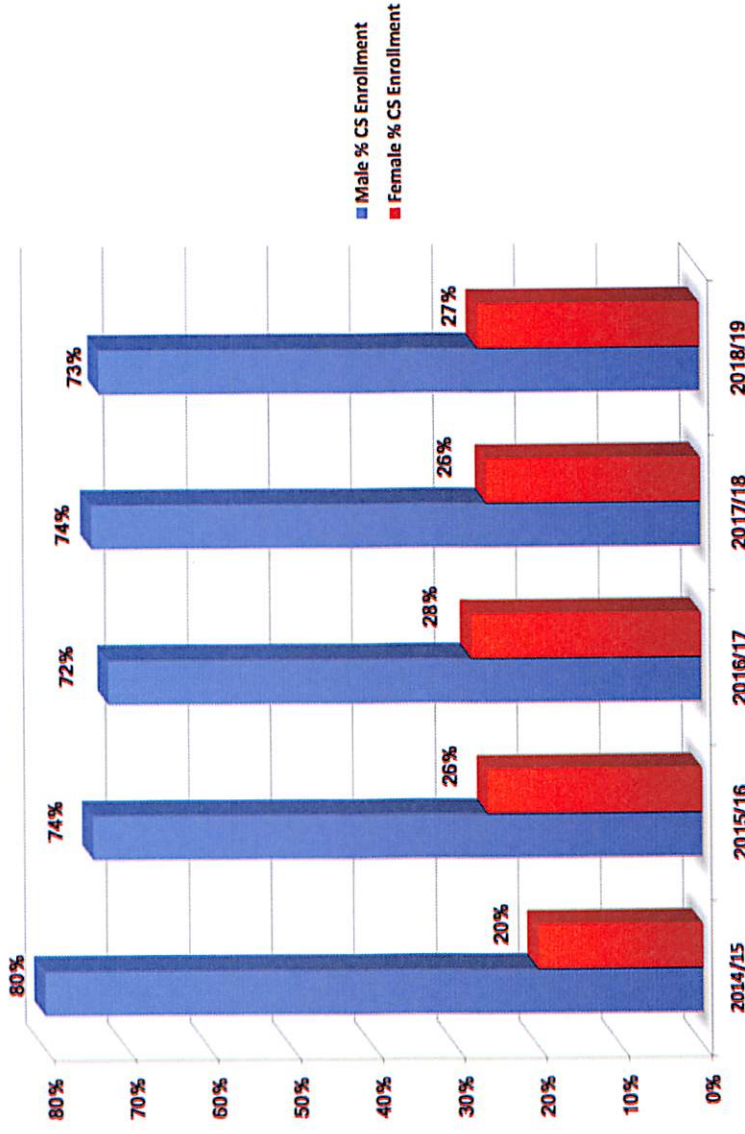
2017/2018

- 5,093 (74%) Male
- 1,796 (26%) Female

2018/2019

- 6,660 (73%) Male
- 2,484 (27%) Female

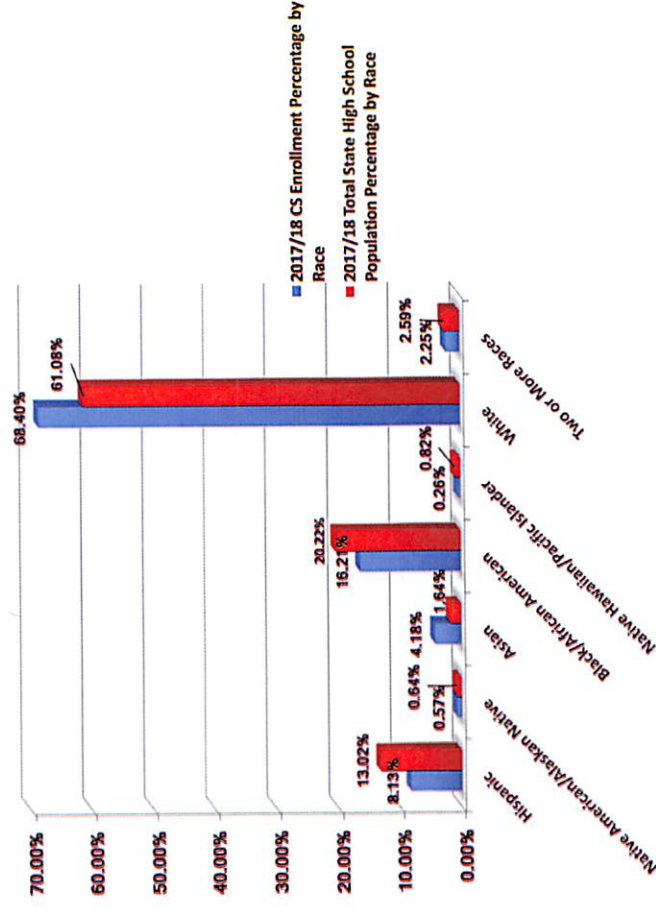
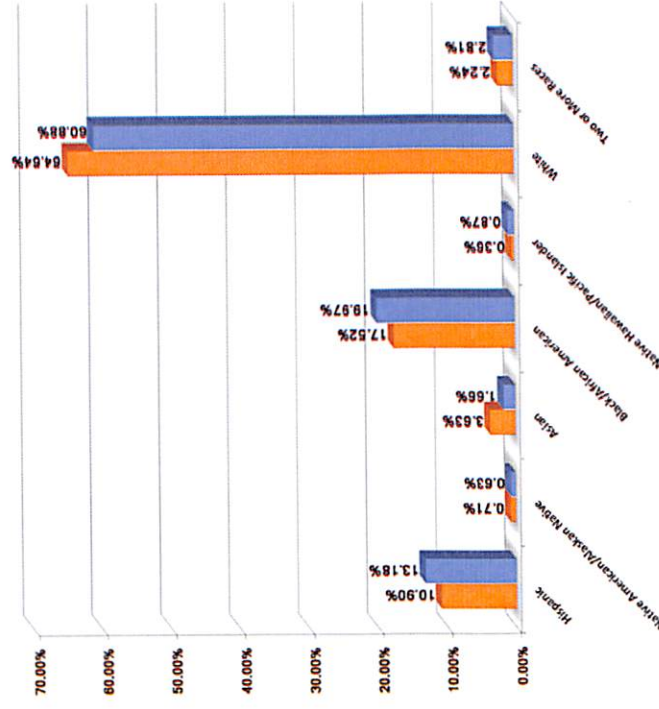
*multiple course enrollment student data (duplicated)



ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

CS Enrollment Percentage by Race*

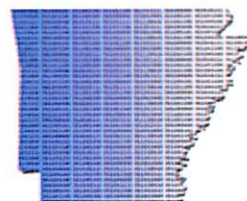
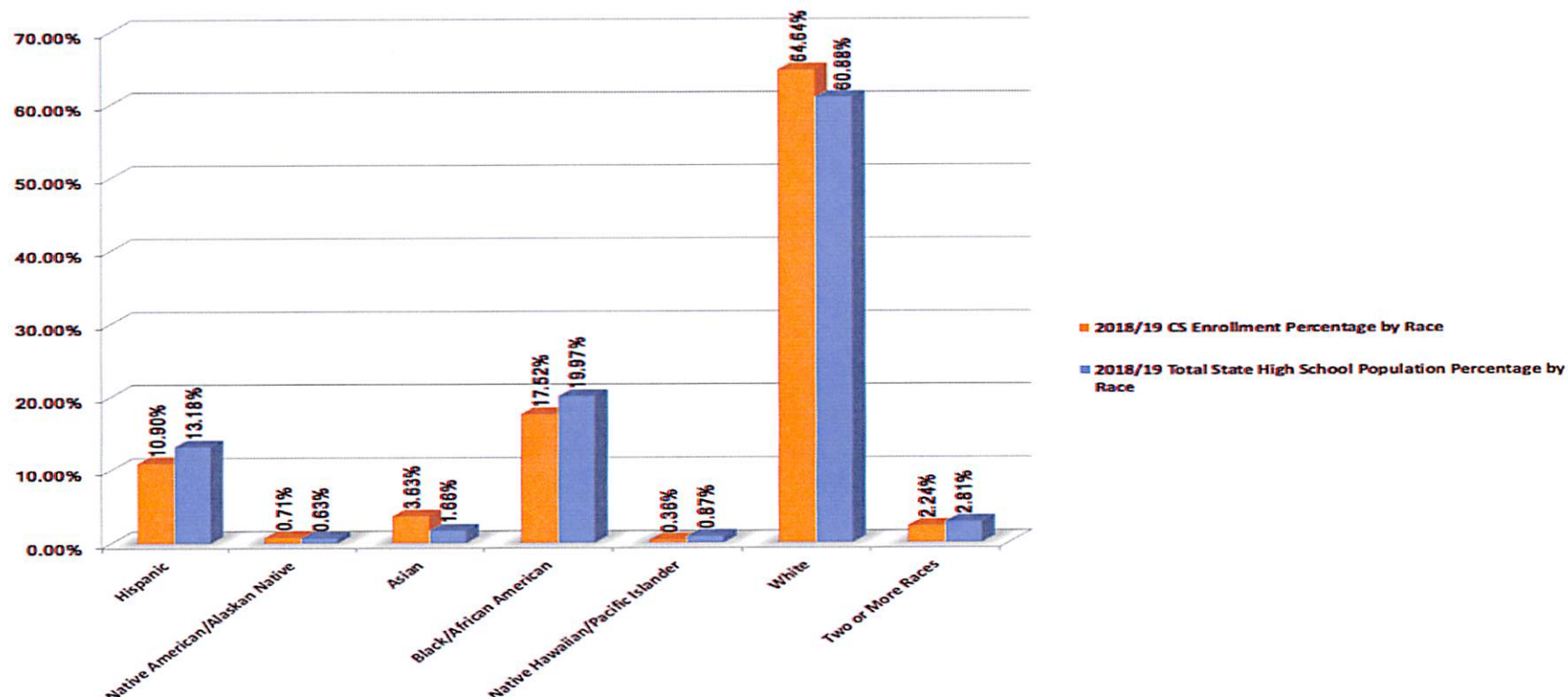


ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

*multiple course enrollment student data (duplicated)

18/19 CS Enrollment Percentage by Race*

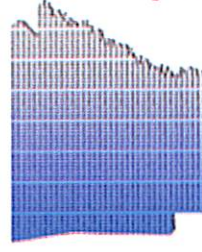
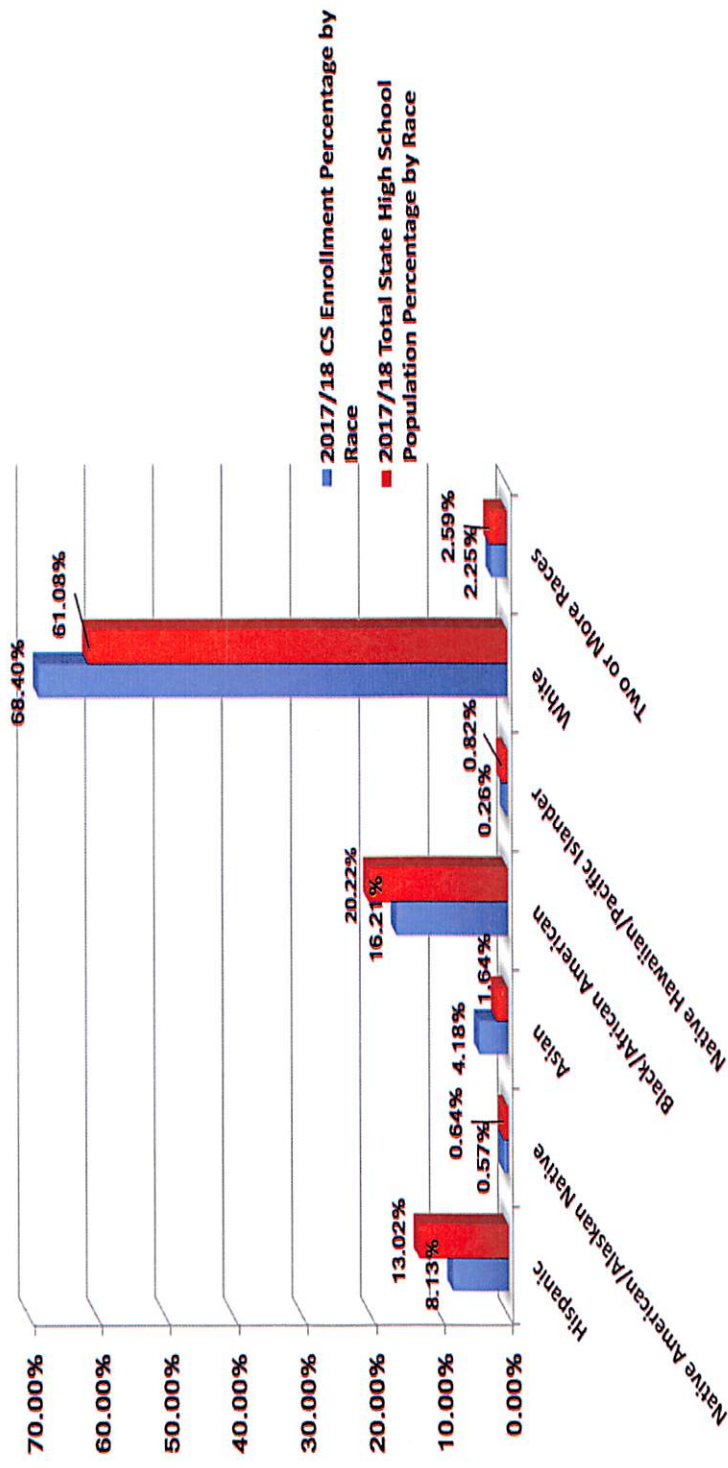


ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

*multiple course enrollment student data (duplicated)

17/18 Enrollment Percentage by Race*

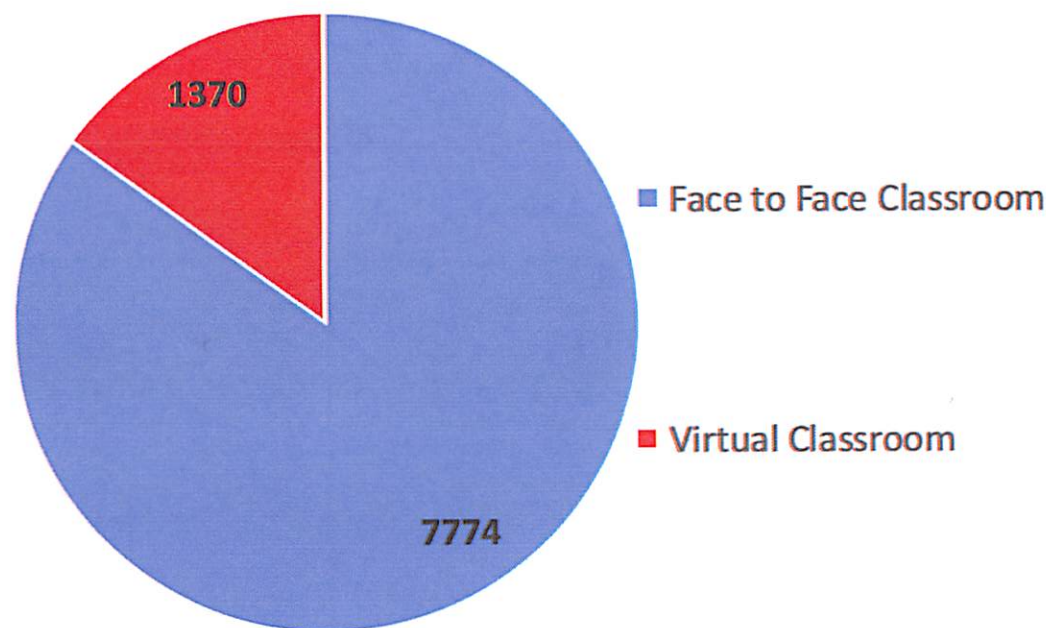


ARKANSAS
K-12 COMPUTER SCIENCE

*multiple course enrollment student data (duplicated)

#ARKIDSCANCODE - SETTING THE STANDARD

CS Course Classroom and Virtual Environment Enrollment for 2018/19*



ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

**multiple course enrollment student data (duplicated)*

Contact Information

Anthony Owen

Chief State STEM Officer and State Director of Computer Science Education

anthony.owen@arkansas.gov

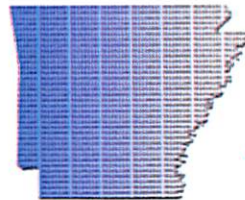
Office: 501-682-7816

Find More Information Here:

<http://www.arkansased.gov/divisions/learning-services/curriculum-and-instruction/computer-science>



ARKANSAS
DEPARTMENT
OF EDUCATION



ARKANSAS
K-12 COMPUTER SCIENCE

#ARKIDSCANCODE - SETTING THE STANDARD

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

A-8 (b) : JACKSON COUNTY SCHOOL DISTRICT

EXHIBIT ONE (1)



ARKANSAS DEPARTMENT OF EDUCATION

DISTRICT WAIVER REQUEST FORM

District Name: Jackson County School District
Superintendent: Chester Shannon
Email Address: cshannon@bulldogs.k12.ar.us
District LEA: 3405 **Submission Date:** 9/11/2018
Phone Number: (870) 349-2232

Name of Charter School(s) Attended by District Students

Arkansas Connections Academy

Waiver Topic: Teacher Licensure

Statute/Standard/Rule to be Waived

Arkansas Code Annotated

- Ark. Code Ann. § 6-15-1004(a) Qualified teachers in every public school classroom;
- Ark. Code Ann. § 6-17-309 Certified to teach grade or subject matter-exception-waivers;
- Ark. Code Ann. § 6-17-401 Teacher licensure requirement;
- Ark. Code Ann. § 6-17-902 Definition (definition of a teacher as licensed); and
- Ark. Code Ann. § 6-17-919 Warrants void without valid certification and contract.

Standards for Accreditation

- Section 15.03 (now Section 4-D.1) of the Arkansas Department of Education Rules Governing Standards for Accreditation of Arkansas Public Schools and School Districts;

ADE Rules

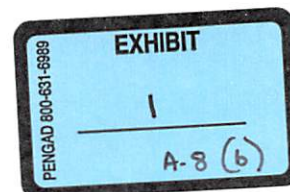
-

Rationale for Waiver

The waivers above are requested for a five (5) year period.

Jackson County School District has been particularly hard hit by the results of declining populations, increasingly mobile families, and economic downturns in agricultural communities. The northeast part of the state has seen numerous consolidations and school closings as a result of a disappearing population in once active communities; the Jackson County School District is a result of the consolidation of the former Grubbs, Swifton and Tuckerman School districts. These factors, amongst others, have resulted in an increasing teacher shortage combined with an inability to attract enough certified teachers to the region.

This district faces particular difficulty in finding certified personnel available in or willing to move to the region, due to lower salaries, lower rates of college graduates, lower Praxis passing scores, retirement of aging teacher population, and teachers relocating out of the district due to agricultural decline. This is not due to lack of effort; the district has posted its job openings in its local paper, regional paper, the



district website, and the cooperative website. We have called neighboring districts for resumes of applicants. We have publicized across the state using various websites. We have utilized Teach for America, APPEL, Arkansas Teachers Corps, and job fairs throughout the state. The district will use this waiver to fill positions with people who want to teach and will be able to work toward earning their credentials while teaching. Currently, the district is using personnel on Alternative Licensure Plans or who are long-term substitutes.

When the form is complete, email it with the waiver lists for the charter school(s) that serve district students to Kelly McLaughlin at kelly.mclaughlin@arkansas.gov. Waiver lists can be accessed from the Arkansas Department of Education: My School Info webpage at <https://myschoolinfo.arkansas.gov/>. Instructions for accessing waiver reports can be found at www.arkansased.gov/public/userfiles/Learning_Services/Charter_Schools/Accessing_Waivers_on_My_School_Info.pdf.

Questions should be directed to Kelly McLaughlin by email at kelly.mclaughlin@arkansas.gov or by phone at (501) 682-2130.

OPTIONAL CONSIDERATIONS TO ADDRESS

The State Board of Education requests, but cannot require, written responses to the following considerations as part of the petition for district waivers. All written responses should be emailed to the Arkansas Department of Education with the waiver request and list(s) of open-enrollment charter waivers.

Discuss the ways in which the proposed waivers will impact the district.

- **Ways in which the waivers would support or complement the district's vision, mission, and/or strategic plan**
- **District policies**, if any, that would have to be developed or revised to implement the waiver
- **The fiscal impact** of the waivers, if any
 - Additional costs associated and sources of funding
 - Planned uses for savings
- **Effects of the waivers, if any, on current academic, fiscal, or facilities distress status**
 - Ways the waivers will help alleviate distress issues
 - Potential for implementation of the waivers to cause distress issues
- **Effects of the waivers, if any, on compliance with the Standards for Accreditation**
 - Ways the waivers will help alleviate accreditation issues
 - Potential for implementation of the waivers to cause accreditation issues

Discuss the planning that has taken place to ensure successful implementation of the waivers.

- **Options considered by the district to request the waivers**
 - School of innovation
 - District conversion charter
 - Reasons district waivers are being requested rather than seeking a school of innovation or a charter
- **Student gains** for students if these waivers are granted
 - Academic gains
 - Other benefits
- **Implementation of the waivers**
 - **Charter school(s) use of the waivers**
 - ◆ Application of the waivers
 - ◆ Evaluation of ongoing need for the waivers
 - **District use of the waivers**
 - ◆ **Specific plans** to implement the waivers
 - Certain schools, grade levels, and/or programs to be affected
 - Description of the changes to take place
 - Length of time for which the waivers are requested
- **Evaluation of the usefulness of the waivers**
 - **Method(s)** to be used to determine benefits of and/or problems with using the waivers
 - **Timeframe** for assessing the use of the waivers
 - **Outcome(s)** that will demonstrate successful use of the waivers
 - **Plan of action** if use of waivers is not achieving the desired results

Discuss the transparency of the process and methods used for garnering support for the waivers.

- **Efforts, including methods, times, dates, places, for notifying and including all stakeholders**
 - Students
 - Teachers and other staff
 - Parents
 - Community members
 - School board (board resolution)
- **Feedback** received from stakeholders and how it was and will be used in district planning

Jackson County School District

Date of Waiver Request Submission
90-Day Deadline for State Board of Education Action
Waiver Ends

September 11, 2018
December 10, 2018
November 9, 2023

2016-2017 Enrollment	
2 or More Races	7
Asian	0
Black	55
Hispanic	12
Native American/ Native Alaskan	5
Native Hawaiian/ Pacific Islander	0
White	810
TOTAL	889



Jackson Co. School District



LEA 3405000



(870) 349-2232



[View Website](#)

Information

Grades Served	K - 12
Enrollment	889
County	Jackson
Congressional District	Arkansas's 1st Congressional District
Co-op	Northeast Ark. Educ. Co-Op - 3820000
Representatives	Michael John Gray - 47 Dwight Tosh - 52
Senators	David Wallace - 22 Ronald Caldwell - 23
School Board Count	7
Zoned Status	✓ YES



Jackson County School District
[View larger map](#)

Sign in



P O Box 1070
Tuckerman, AR 72473



Map data ©2018 Google

Links

[Community Census Data](#)

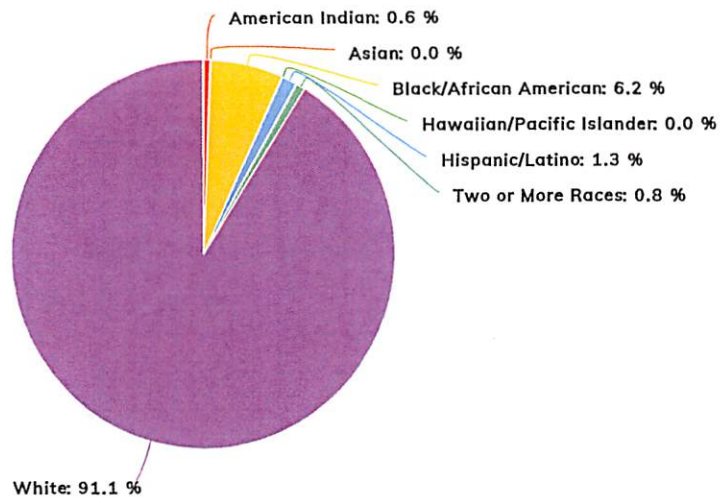
[Labor Market Information](#)



Statistics

College Going Rate	N/A	English Learners	0 %
Per Pupil Expenditures	\$0.00	Low Income	64 %
Graduation Rate	N/A	Average Years Teaching Experience	8.80
Student to Teacher Ratio	10 : 1	Students Eligible to Receive Special Education	13 %
Average Class Size	15		

Race/Ethnicity





Schools

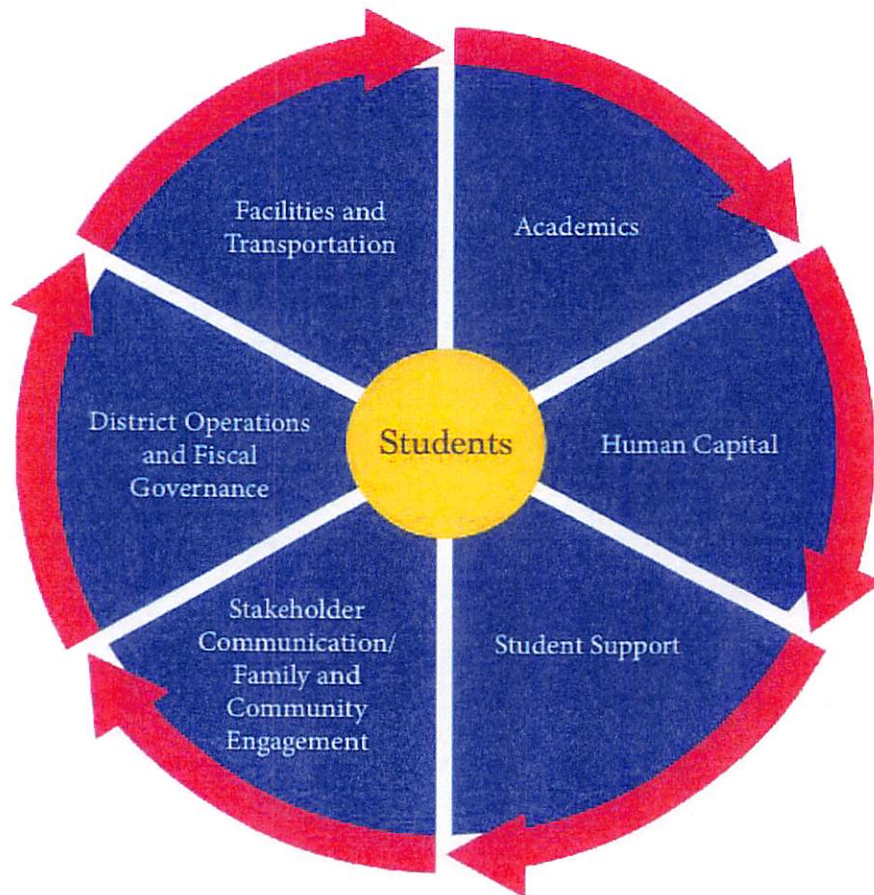
Name	LEA	Grades Served	Enrollment	Letter Grade
Swifton Middle School	3405019	5 - 7	196	A
Tuckerman Elementary School	3405024	K - 4	364	B
Tuckerman High School	3405025	8 - 12	329	B

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

B-1: PINE BLUFF SCHOOL DISTRICT

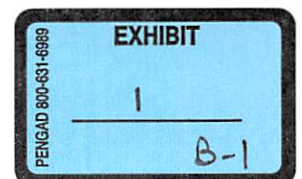
EXHIBIT ONE (1)

**Pine Bluff School District
Preliminary Analysis of District Systems**



Academics

The ADE is currently in partnership with the PBSB to do an audit of curriculum practices in the district and identify any deficiencies. The year started out with concerns about master schedules, student transcripts, and overall quality of teaching and learning. These are being addressed under Dr. Owoh's leadership. It is pertinent to review the last two years of accountability data for each school.



Pine Bluff High School

	2017	2018
Letter Grade	F	F
ESSA School Index	50.56	48.27
Weighted Achievement	23.38	17.21
Growth	75.28	76.31
Graduation Rate	Four Year-67.46 Five Year-75.3	Four Year-71.62 Five Year-62.73
SQSS	36.78	34.9

Jack Robey Middle School

	2017	2018
Letter Grade	D	D
ESSA School Index	56.54	54.53
Weighted Achievement	38.01	31.75
Growth	75.71	76.41
SQSS	35.89	34.73

Broadmoor Elementary School

	2017	2018
Letter Grade	F	F
ESSA School Index	57.53	51.36
Weighted Achievement	36.71	28.74
Growth	74.57	73.63
SQSS	49.34	29.91

Southwood Elementary School

	2017	2018
Letter Grade		F
ESSA School Index		57.73
Weighted Achievement		33.15
Growth		74.68
SQSS		58.56

Thirty-Fourth Street Elementary School

	2017	2018
Letter Grade	F	F
ESSA School Index	56.12	54.01
Weighted Achievement	35.5	33.2
Growth	72.74	73.19
SQSS	48.82	38.63

WT Cheney Elementary School

	2017	2018
Letter Grade	D	F
ESSA School Index	61.36	54.37
Weighted Achievement	42.74	33.15
Growth	77.26	74.68
SQSS	51.8	36.2

The Pine Bluff School District currently has 5 out of 6 schools that are performing in the bottom 5% of all Title 1 schools by grade span. It is also important to look at Grade-Level Reading based on the ESSA School Index.

School Name	ESSA School Index	ESSA School Index
	ESSA School Index - SQSS Overview	ESSA School Index - SQSS Overview
	2016-17 Combined Reading Achievement Percentage Score	2017-18 Combined Reading Achievement Percentage Score
Broadmoor Elementary School	22.5	14.8
Jack Robey Middle School	18.76	14.97
Pine Bluff High School	16.43	14.23
Southwood Elementary School	N/A	N/A
Thirty-Fourth Street Elementary School	13.38	12.45
W. T. Cheney Elementary School	18.49	16.09

Human Capital

The ADE did a staffing audit of the district. Based on the initial review, there were approximately 79 staff members on district staffing lists with no contract on file. There were also approximately 50 contracts on file that did not tie to a staff member on the staffing lists provided by the district. This has been corrected by ADE staff in partnership with the PBSB staff.

The ADE has provided extensive training on the TESS/LEADS process due to early reviews showing that multiple staff members have not been engaged in the system as prescribed by the ADE.

When the State assumed authority over the PBSB, there were 10 active litigation cases and 7 staff grievances. Most of these cases related to improper procedures being followed in regards to staff assignment and adhering to salary schedules. Dr. Owoh is actively working to address all matters in timely manner.

The district is vastly over staffed for the number of students enrolled. Many staff appear to have been transferred to various positions throughout the district without proper training, support and supervision.

Student Support

The district has many supports for students in terms of health services, child nutrition, SPED services, behavior interventions, mental health support, and others. The main issue in the district is the organization and effective use of these resources. Two data points that can be looked at as indicators for students being supported are chronic absenteeism and discipline. The chronic absenteeism as reflected by the Student Engagement area of the ESSA School Index shows an overall decrease in scores. The discipline appears to be better in some areas, but not in others.

School Name	ESSA School Index	ESSA School Index
	ESSA School Index - SQSS Overview 2016-17 Combined Chronic Absence Percentage Score	ESSA School Index - SQSS Overview 2017-18 Combined Chronic Absence Percentage Score
Broadmoor Elementary School	66.97	43.71
Jack Robey Middle School	68.57	59.29
Pine Bluff High School	62.94	59.58
Southwood Elementary School	N/A	58.56
Thirty-Fourth Street Elementary	72.49	68.86
W. T. Cheney Elementary School	78.41	64.06

2016-2017

PINE BLUFF SCHOOL DISTRICT				LEA: 3505000	
Drugs	12	Knife	4	Vandalism	30
Alcohol	1	Handgun	19	Insubordination	2154
Tobacco	11	Rifle	0	Disorderly Conduct	727
Truancy	113	Shotgun	0	Explosives	1
Student Assault	149	Club	1	Other	3219
Staff Assault	27	Gangs	13	Bullying	82
				Fighting	808

2017-2018

PINE BLUFF SCHOOL DISTRICT				LEA: 3505000	
Drugs	21	Knife	3	Vandalism	19
Alcohol	0	Handgun	7	Insubordination	1604
Tobacco	10	Rifle	0	Disorderly Conduct	1051
Truancy	20	Shotgun	0	Explosives	0
Student Assault	83	Club	0	Other	2199
Staff Assault	21	Gangs	7	Bullying	106
				Fighting	1034

Stakeholder Communication/Family and Community Engagement

The district is in compliance in terms of requirements to have planned Parent/Teacher Conferences, but the district has not moved past compliance to meaning engagement of parents and the community. There seems to be very little parent involvement, even though there are highly paid staff charged with increasing engagement. Dr. Owoh is working with the district to inform stakeholders and be engaged with with the community.

District Operations and Fiscal Governance

On 9/13/18, the SBE classified Pine Bluff School District on Fiscal Distress and placed them under State Authority by removing the school board and superintendent. The district has been deficit spending and is projected to end with approximately \$600,000. There are many factors that will affect this ending balance. These are litigation, grievances, and improper coding on

employees. These are in the process of being resolved by Dr. Owoh and ADE staff to get an updated budget as new information is provided.

Future fiscal stability will be impacted by student enrollments and subsequent cost reductions by the district. The district has not made the adjustments at this time, but planning is in place to make these adjustments.

Student Enrollment/ADM Chart

Category Group	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
	Pine Bluff School Dist 3505000	Pine Bluff School Dist 3505000	Pine Bluff School Dist 3505000	Pine Bluff School Dist 3505000	Pine Bluff School District 3505000	Pine Bluff School District 3505000
Students Average Daily Membership ADM	4290.18	4226.27	3984.34	3891.61	3557.02	Estimated 3151
Students Enrollment Oct 1st Total	4326	4240	4016	3912	3648	3189

Facilities and Transportation

The district is at a critical stage in the planning for the future of facility needs. The chart below shows the buildings and square footage available for use. Even though buildings highlighted are in use, most seem to be underutilized given the number of students enrolled by grade level. Plans are being made to reduce the use of current building to help the district run more efficiently.

2018-2019 Enrollment by Grade Level

PINE BLUFF SCHOOL DISTRICT														LEA: 3505000		
K	1	2	3	4	5	6	7	8	9	10	11	12	GED	Ungraded	Total	
217	194	236	253	235	286	270	262	220	256	284	254	222	0	0	3189	

School	Use	Square Footage
3505 - Belair Middle	ALE	84,367
3505 - Broadmoor ES	Elementary	56,748
3505 - Greenville Pre-K	Pre-K	108,507
3505 - Forrest Park ES (SEARK)	K-12	28,776
3505 - Indiana Street ES (Storage)	Elementary	30,724
3505 - Lakeside ES (Storage)	Elementary	28,306
3505 - Oak Park ES (SEARK)	Elementary	52,222
3505 - Sam Taylor ES (Storage)	Elementary	37,011
3505 - Thirty-Fourth Ave. ES Sch.	Elementary	66,768
3505 - Southwood ES	Elementary	60,994
3505 - Southeast Campus	Middle	95,531
3505 - Pine Bluff HS	High	271,116
Jack Robey Middle	Middle	118,346
3505 - W. T. Cheney ES	Elementary	54,581
3505 - Administration	Administration	96,417
3505 - Scoggins-Mayhall (G/T)	Other	5,920
3505 - First Ward ALE	AE (Alternative Education)	19,989
3505 - Carver Campus (Storage)	High	19,375
3505 - Warehouse	Maintenance/Transportation	16,500

The district recently switched away from outsourcing custodial staff before the State assumed authority. This change was not well planned to due to the lack of custodians available and the potential increase in cost to cover all buildings. This will have to be addressed under the overall reduction of costs plan.

C E R T I F I C A T E

STATE OF ARKANSAS)
) ss.
 COUNTY OF SALINE)

I, SHARON K. HILL, CCR, a Certified Stenomask Reporter and Notary Public before whom the foregoing proceedings was taken, do hereby certify that the same is a true and correct transcription before the Arkansas State Department of Education, State Board of Education, in Little Rock, Arkansas, on November 8, 2018, that the said proceedings was reduced to typewritten form by me or under my direction and supervision; and that the foregoing pages constitute a true and correct transcription of all proceedings had in said matter.

I FURTHER CERTIFY that I am neither counsel for, related to, nor employed by any of the parties to this action.

I FURTHER CERTIFY that I have no contract with any parties within this action that affects or has a substantial tendency to affect impartiality, that requires me to relinquish control of an original transcript or copies of the transcript before it is certified and delivered to the custodial agency, or that requires me to provide any service not made available to all parties to the action.

WITNESS, MY HAND AND SEAL, THIS DATE: November 18, 2018.

Sharon K. Hill

SHARON K. HILL, CCR
 Certified Court Reporter
 Certificate No. 670

