

# **EXHIBIT E**

A Report of Vision Screenings  
In  
Arkansas Public and Charter Schools  
School Year 2010-2011

As required by Act 1438 of 2005

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Act 1438 of 2005 requires that all Pre-kindergarten, Kindergarten, first, second, fourth, sixth and eighth grade and all transfer students undergo a vision screening. School nurses who receive training from the Community Health Nurse Specialist (CHNS) housed in the educational cooperatives across the state conduct these screenings. In 2006, these CHNS received training from the Eye and Vision Commission members as well as other volunteer optometrists and ophthalmologists. In addition, Act 1438 requires that the Eye and Vision Commission and the Department of Education report its findings and updates to the Governor, the Legislative Council, and the House and Senate Interim Committees on Public Health, Welfare, and Labor two times per year. To meet this mandate, in 2006 school nurses in all 245 school districts as well as the charter schools completed the Vision Summary Form for their school/district. Beginning with the 2007-2008 school year, school nurses were able to enter students' vision screening results into the Arkansas Public School Computer Network (APSCN). This data is compiled and reported to the State School Nurse Consultant twice a year.

## **School Year 2010-2011**

***Overall.*** Students receiving a vision screening in the required grades (pre-K, K, 1, 2, 4, 6, 8 and all transfers) numbered 221,811. Referrals to an eye doctor numbered 18,560 students (8%) of which 9,242 students (50%) actually reported to the school nurse they received an exam. Of these students receiving an exam, 8,136 (88%) were identified as having a vision difficulty confirmed by an eye doctor.

***Pre-Kindergarten.*** There were 7,730 Pre-kindergarten students who received a vision screening at school. Of these, there were 458 students (6%) referred to an eye doctor. Two hundred ninety-eight students (65%) actually reported to the school nurse they had received an eye exam and 236 students (79%) had a vision difficulty confirmed by an eye doctor.

***Kindergarten.*** Thirty-six thousand three hundred sixty-three Kindergarten students received a vision screening. There were 2,180 students (6%) referred to an eye doctor for an exam. Of these referrals, 1,231 students (56%) actually reported to the school nurse they received an eye exam and 970 students (79%) had a vision difficulty confirmed by an eye doctor.

***First Grade.*** There were 36,204 first-grade students who received a vision screening. Of these, there were 2,600 students (7%) referred to an eye doctor for an exam. One thousand four hundred eighty-one students (57%) actually reported to the school nurse they received an eye exam and 1,268 students (86%) had a vision difficulty confirmed by an eye doctor.

***Second Grade.*** There were 35,718 second-grade students who received a vision screening. Of those screened, 2,952 students (8%) were referred to an eye doctor for an exam. One thousand six hundred forty students (56%) actually reported to the school nurse they received an exam and 1,417 students (86%) had a vision difficulty confirmed by an eye doctor.

***Fourth Grade.*** Thirty-five thousand five hundred ninety-eight fourth-grade students received a vision screening. There were 3,363 students (9%) referred to an eye doctor for an exam. One thousand seven hundred forty-six students (52%) actually reported to the school nurse they received an exam and 1,592 students (91%) had a vision difficulty confirmed by an eye doctor.

**Sixth Grade.** There were 35,582 sixth-grade students who received a vision screening. Of these, 3,702 students (10%) were referred to an eye doctor for an exam. One thousand five hundred twenty-seven students (41%) actually reported to the school nurse they received an exam and 1,419 students (93%) had a vision difficulty confirmed by an eye doctor.

**Eighth Grade.** Thirty-four thousand six hundred sixteen eighth-grade students received a vision screening. There were 3,305 students (10%) who were referred to an eye doctor for an exam. One thousand three hundred nineteen students (40%) actually reported to the school nurse they received an exam and 1,234 students (94%) had a vision difficulty confirmed by an eye doctor.

**Transfer students.** Transfer students were reported in their respective grades as opposed to reporting them separately.

**Other.** All students receiving a vision screening in grades Pre-Kindergarten through twelve were 250,803. That is an additional 28,992 students screened that were not previously reported in the above grades. As a result of these extra screenings, an additional 3,430 students (12%) were referred to an eye doctor. Of these referrals, 1,742 students (51%) reported to the school nurse they received an exam by an eye doctor. As a result, 1,600 students (92%) reported a vision difficulty confirmed by an eye doctor.

**Ark. Code Ann. 6-18-1502. Eye exams.**

(a) (1) A child who does not pass the eye and vision screening tests, except for the color perception test, shall be required to have a comprehensive eye and vision examination conducted by an optometrist or ophthalmologist within sixty (60) days of receipt of the vision screening report identifying the need for the examination.

(2) The parent or guardian of the child shall be responsible for ensuring that the child receives the appropriate eye and vision examination.

(b) (1) If a child does not receive an appropriate examination, as evidenced by a certificate signed by an optometrist or ophthalmologist acknowledging the examination, then the public school or public charter school where the child is registered shall report the child to the Department of Education.

(2) The local school district shall take such action as necessary to encourage that the child receive an appropriate examination

Students who do not pass the vision screening at school are referred to an optometrist or ophthalmologist for a comprehensive eye and vision examination.

The parent notification/referral letter is available in English and Spanish on the Arkansas Coordinated School Health website, [www.arkansascsh.org](http://www.arkansascsh.org).

### Vision Screenings, 2010-2011

Grade	Screened	Referred	Received Exam	Confirmed Difficulty	Confirmed Normal
Pre-kindergarten	7,730	458	298	236	62
Kindergarten	36,363	2,180	1,231	970	261
First	36,204	2,600	1,481	1,268	213
Second	35,718	2,952	1,640	1,417	223
Fourth	35,598	3,363	1,746	1,592	154
Sixth	35,582	3,702	1,527	1,419	108
Eighth	34,616	3,305	1,319	1,234	85
<b>TOTALS</b>	<b>221,811</b>	<b>18,560</b>	<b>9,242</b>	<b>8,136</b>	<b>1,106</b>

### Vision Screenings, 2009-2010

Grade	Screened	Referred	Received Exam	Confirmed Difficulty	Confirmed Normal
Pre-kindergarten	7,925	366	211	141	68
Kindergarten	37,496	2,350	1,266	971	295
First	37,306	2,870	1,532	1,277	255
Second	36,637	3,096	1,664	1,426	238
Fourth	36,635	3,588	1,849	1,679	170
Sixth	35,530	3,606	1,487	1,364	123
Eighth	34,814	3,593	1,346	1,264	82
<b>TOTALS</b>	<b>226,343</b>	<b>19,469</b>	<b>9,355</b>	<b>6,922</b>	<b>1,231</b>

## Vision Screenings 5 Year Comparison

	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011
<b>Referred</b>	21,456	17,392	19,689	19,469	18,560
<b>Received Exam</b>	11,715	6,358	10,155	9,355	9,242
<b>Confirmed Difficulty</b>	9,277	5,016	8,853	6,922	8,136

