

# **EXHIBIT G**

## **A Report of Vision Screenings**

**In**

**Arkansas Public and Charter Schools**

**School Year 2013-2014**

**As required by Act 1438 of 2005**

Prepared by Paula Smith, MNsc, RNP  
State School Nurse Consultant  
Arkansas Department of Health

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. 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.

## **School Year 2013-2014**

**Overall.** Students receiving a vision screening in the required grades (pre-K, K, 1, 2, 4, 6, 8 and all transfers) numbered 248,516. Referrals to an eye doctor numbered 24,464 students (10%) of which 11,000 students (45%) actually reported to the school nurse they received an exam. Of these students receiving an exam, 9682 (88%) were identified as having a vision difficulty confirmed by an eye doctor.

**Pre-Kindergarten.** There were 7,652 Pre-kindergarten students who received a vision screening at school. Of these, there were 613 students (8%) referred to an eye doctor. Three hundred thirty-six students (55%) actually reported to the school nurse they had received an eye exam and 254 students (76%) had a vision difficulty confirmed by an eye doctor.

**Kindergarten.** Thirty-seven thousand five hundred sixteen Kindergarten students received a vision screening. There were 2,762 students (7%) referred to an eye doctor for an exam. Of these referrals, 1,364 students (49%) actually reported to the school nurse they received an eye exam and 1,107 students (81%) had a vision difficulty confirmed by an eye doctor.

**First Grade.** There were 37,385 first-grade students who received a vision screening. Of these, there were 3,322 students (9%) referred to an eye doctor for an exam. One thousand six hundred five students (48%) actually reported to the school nurse they received an eye exam and 1,375 students (86%) had a vision difficulty confirmed by an eye doctor.

**Second Grade.** There were 34,438 second-grade students who received a vision screening. Of those screened, 3,115 students (9%) were referred to an eye doctor for an exam. One thousand five hundred fifty-eight students (50%) actually reported to the school nurse they received an exam and 1,317 students (84%) had a vision difficulty confirmed by an eye doctor.

**Fourth Grade.** Thirty-four thousand four hundred seventy-one fourth-grade students received a vision screening. There were 3,644 students (11%) referred to an eye doctor for an exam. One thousand seven hundred fifteen students (47%) actually reported to the school nurse they received an exam and 1,452 students (85%) had a vision difficulty confirmed by an eye doctor.

**Sixth Grade.** There were 34,120 sixth-grade students who received a vision screening. Of these, 3,933 students (12%) were referred to an eye doctor for an exam. One thousand five hundred eighty-five students (40%) actually reported to the school nurse they received an exam and 1,466 students (92%) had a vision difficulty confirmed by an eye doctor.

**Eighth Grade.** Thirty-three thousand nine hundred sixty-nine eighth-grade students received a vision screening. There were 3,674 students (11%) who were referred to an eye doctor for an exam. One thousand four hundred twenty-six students (39%) actually reported to the school nurse they received an exam and 1,339 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 248,516. That is an additional 28,965 students screened that were not previously reported in the above grades. As a result of these extra screenings, an additional 3,401 students (12%) were referred to an eye doctor. Of these referrals, 1,411 students (41%) reported to the school nurse they received an exam by an eye doctor. As a result, 1,372 students (97%) 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.arkansascsch.org](http://www.arkansascsch.org).

### Vision Screenings, 2013-2014

| Grade            | Screened       | Referred      | Received Exam | Confirmed Difficulty | Confirmed Normal |
|------------------|----------------|---------------|---------------|----------------------|------------------|
| Pre-kindergarten | 7,652          | 613           | 336           | 254                  | 82               |
| Kindergarten     | 37,516         | 2,762         | 1,364         | 1,107                | 257              |
| First            | 37,385         | 3,322         | 1,605         | 1,375                | 230              |
| Second           | 34,438         | 3,115         | 1,558         | 1,317                | 241              |
| Fourth           | 34,471         | 3,644         | 1,715         | 1,452                | 263              |
| Sixth            | 34,120         | 3,933         | 1,585         | 1,466                | 119              |
| Eighth           | 33,969         | 3,674         | 1,426         | 1,339                | 87               |
| <b>TOTALS</b>    | <b>219,551</b> | <b>21,063</b> | <b>9,589</b>  | <b>8,310</b>         | <b>1,279</b>     |

### Vision Screenings, 2012-2013

| Grade            | Screened       | Referred      | Received Exam | Confirmed Difficulty | Confirmed Normal |
|------------------|----------------|---------------|---------------|----------------------|------------------|
| Pre-kindergarten | 7,732          | 516           | 286           | 227                  | 59               |
| Kindergarten     | 38,137         | 2,616         | 1,374         | 1,127                | 247              |
| First            | 35,440         | 2,948         | 1,548         | 1,263                | 285              |
| Second           | 35,029         | 3,129         | 1,650         | 1,427                | 223              |
| Fourth           | 34,867         | 3,754         | 1,869         | 1,652                | 217              |
| Sixth            | 34,612         | 3,718         | 1,484         | 1,365                | 119              |
| Eighth           | 34,713         | 3,630         | 1,286         | 1,193                | 93               |
| <b>TOTALS</b>    | <b>220,530</b> | <b>20,311</b> | <b>9,497</b>  | <b>8,254</b>         | <b>1,243</b>     |

### Vision Screenings 5 Year Comparison

|                             | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|
| <b>Referred</b>             | 19,469    | 18,560    | 19,719    | 20,311    | 21,063    |
| <b>Received Exam</b>        | 9,355     | 9,242     | 9,598     | 9,497     | 9,589     |
| <b>Confirmed Difficulty</b> | 6,922     | 8,136     | 8,345     | 8,254     | 8,310     |