

STATE OF IOWA DEPARTMENT OF
Health AND **Human**
SERVICES

SFY 2022 Child Vision Screening Report

MARCH 2023

ACKNOWLEDGEMENTS

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2021 Iowa Acts, HF891, Division III, Section 4, paragraph a

Of the funds appropriated in this subsection, \$95,000 is allocated for continuation of the child vision screening program implemented through the university of Iowa hospitals and clinics in collaboration with early childhood Iowa areas. The program shall submit a report to the department regarding the use of funds allocated under this paragraph “a”. The report shall include the objectives and results for the program year including the target population and how the funds allocated assisted the program in meeting the objectives; the number, age, and location within the state of individuals served; the type of services provided to the individuals served; the distribution of funds based on service provided; and the continuing needs of the program.

Iowa KidSight Annual Report



IOWA KIDSIGHT

A JOINT PROJECT OF THE LIONS CLUBS OF IOWA AND THE DEPARTMENT
OF OPHTHALMOLOGY & VISUAL SCIENCES
AT THE UNIVERSITY OF IOWA STEAD FAMILY CHILDREN'S HOSPITAL



July 22, 2022

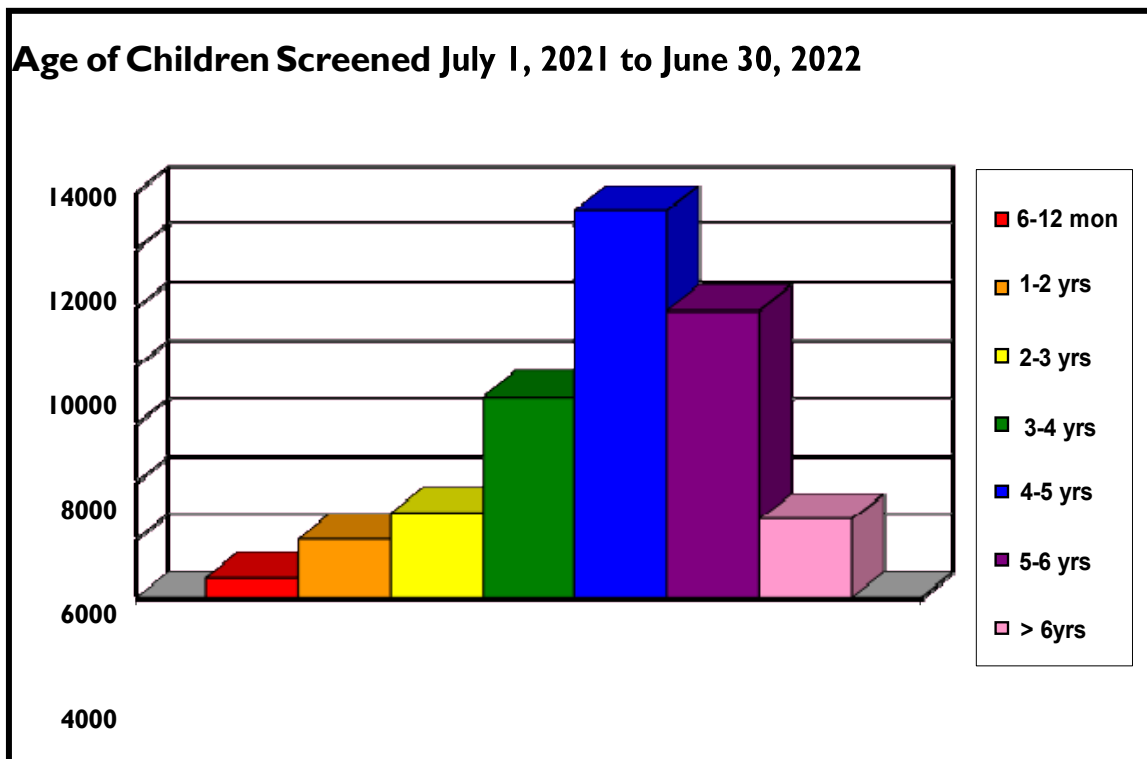
Melissa Ellis (via IowaGrants.gov) Iowa
Department of Public Health Bureau of
Family Health
321 East 12th Street
Des Moines, IA 50319-0075

Melissa:

Hello! I am writing to submit the final report of Performance Measures outlined in Article VII of Contract #5880VS01. A highlight of fiscal year 2021-2022 in the Iowa KidSight office was moving all components of our follow-up processes to electronic management and access—no more paper and all information in one handy place.

Performance Measures:

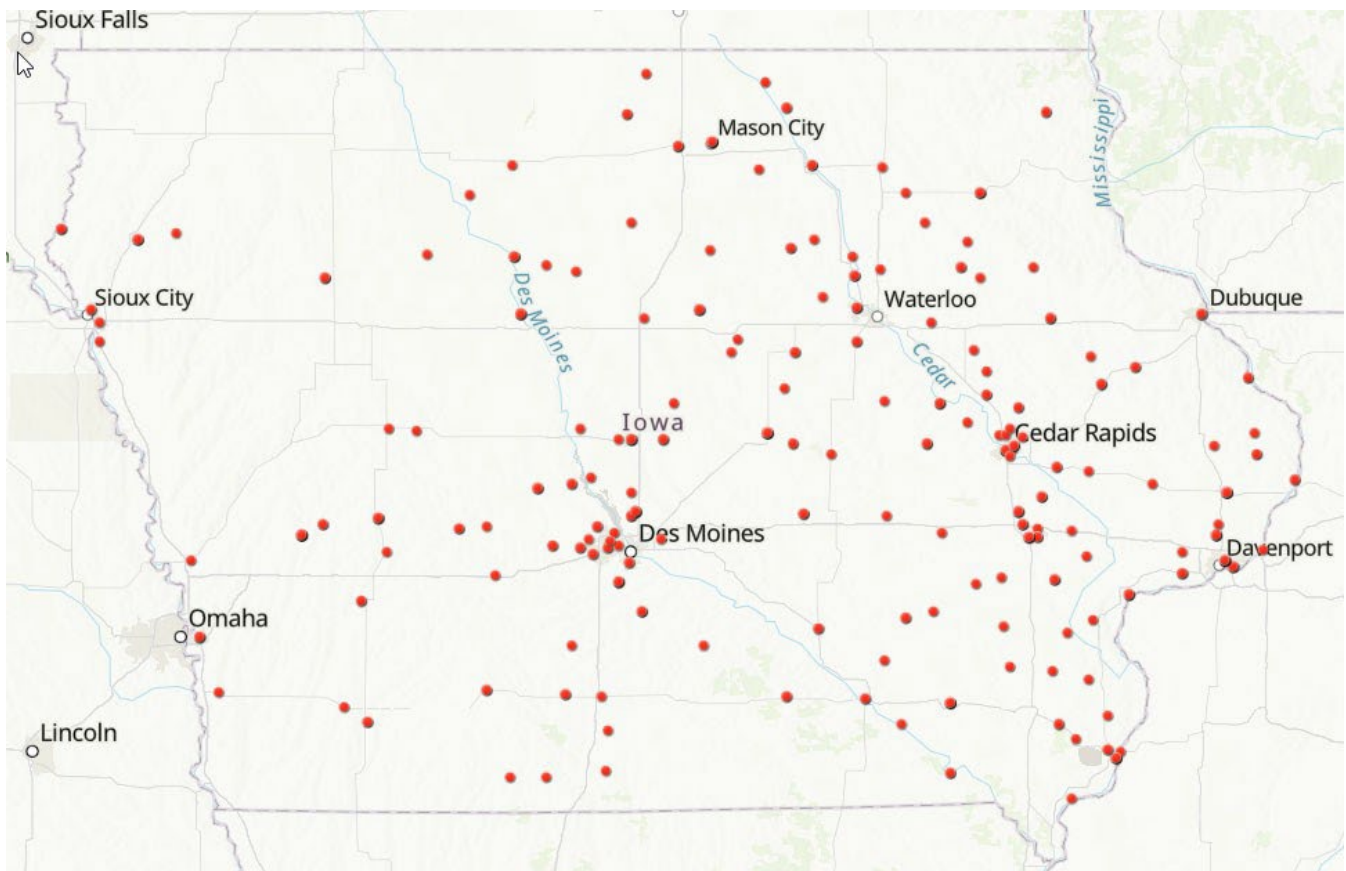
- a. The percent of children under age five who received a vision screening = 67.26%



- b. The percent of children screened who were referred for follow-up = 5.2%
- c. The percent of children referred who received follow-up as documented by return of the referral by an ophthalmologist or an optometrist = 60.3%*
- d. The percent of children who received follow-up who have a vision abnormality = 82.67%*

* Percentages will increase as follow-up effort continues for a full year post screening date.

- e. The number of volunteers trained to use the iScreen 3000 digital vision screener during the contract period = 88
- f. The total number of volunteers active in providing the screening during the contract period = 360
- g. The location of active volunteers shown on a state map:



- h. A description of the education activities including content, method, frequency, and evaluation of effectiveness:

Informational sessions for Iowa Lions Clubs, training sessions for Iowa Lions Club Volunteers, participation in health fairs, and informational meetings with various interest groups are held throughout the year upon request. An annual meeting for Iowa KidSight Coordinators and Trainers is a required educational activity. Some Lions Club "Districts" are also holding annual meetings exclusive for active volunteer screeners in the area. Following are the detailed descriptions of each.

Informational sessions for Iowa Lions Clubs (~ 2 per month): Lions Clubs request guest speakers to visit their Clubs to conduct informational sessions on Iowa KidSight. The speaker is most often the Program Manager or Lions Club District Coordinator. The content describes what the Program is, who carries it out, how it is carried out, why it is carried out, Program progress, and provides time for questions and discussion.

The information is delivered to accommodate the Club's request, e.g., PowerPoint presentation, viewing of informational videos, lecture/handouts. Evaluation of effectiveness could be measured by the Club's further decision to support or participate in the Program.

Training sessions for Iowa Lions Club Volunteers (~ 3 per month): Lions Clubs who decide to adopt Iowa KidSight as a community service project, request training sessions to become certified to screen. The Program Manager at the University of Iowa Hospitals and Clinics "trains the Trainers." There were 18 Iowa Lions Club volunteers serving in the role of Trainer throughout the State this fiscal year. The content of the training sessions includes specific instructions on the processes involved in conducting screening sessions, hands-on practice with the screening device, and practice and testing on what makes an interpretable screening image. Trainers use PowerPoint presentations that include this content and provide those being trained with a typed Training and Review Packet for taking home. The Packet outlines screening roles and processes, step-by-step. Once the training session is complete, each participant is asked to complete an Evaluation Sheet which is used to monitor the effectiveness of the training session/Trainer. On-line training is offered as another option.

The on-line training consists of all of the content previously described, plus a certification module at the end. Practice with the screening device and supervision is subsequently provided by a Trainer. Volunteers can utilize the on-line training tool as a refresher course as well.

Participation in Health Fairs (~36 annually, in a typical year): Lions Clubs will decide to participate or receive requests to participate in a variety of fairs in their local communities. Sometimes screenings are offered if the location of the fair is conducive. If not conducive for screening, informational brochures and handouts on why screenings are necessary and how to request one are handed out. Evaluation of effectiveness could be measured by how many screenings are conducted because of the educational material being distributed. Vision screenings and educational information are also extended during the Iowa State Fair each year, with the exception 2020, when the State Fair wasn't held.

Informational meetings with different interest groups (~4 annually): The majority of these round-table meetings are requested by collaborators. Content includes information on how Iowa KidSight is carried out, how screening sessions can be requested, and how programs can work together. Evaluation of effectiveness could be measured by resulting collaborative efforts and/or further screenings being conducted.

Annual meeting of KidSight Coordinators and Trainers: The content of these educational sessions include updating volunteer leaders on Program methodologies, Program progress, collaborative efforts, and discussing current circumstances at-hand. These annual round-table meetings are mandatory for those volunteers assuming leadership roles. Participants are asked to evaluate the content of each meeting on a Communication Sheet that they utilize throughout the meeting. This meeting was held via Zoom for the second time in history on April 4, 2022, which allowed us to expand to KidSight leaders within Lions Clubs though it lacked luster for volunteer recognition.

Annual meeting, exclusive, for active volunteer screeners: Active volunteer screeners typically receive information and updates through KidSight Coordinators and Trainers via e-mail, mail, or during seminars at Lions Club District Conventions.

- i. Description of the mechanism for assuring that the list of ophthalmologists and optometrists contains current referral information:

We utilize the Iowa Department of Public Health, Bureau of Professional Licensure, Public License Search website as the primary means to assure that KidSight referral lists contain current referral information. We also receive an annual list of membership from the Iowa Optometric Association. Additionally, each KidSight Referral List that is sent out contains a note indicating that Iowa KidSight appreciates receiving updates and corrections, providing information to do so.

A “welcome letter” is sent to new providers. The letter describes how the Iowa KidSight program is carried out and it also describes the importance of returning the Evaluation Sheet to the KidSight office after exams are conducted as the result of a vision-screening referral.

- j. Documentation of the measures taken to assure that Title V Child Health agencies, AEAs, Head Start Programs, WIC clinics, local public health agencies and elementary schools receive information regarding coordination and integration of services provided:

The scheduling of vision screenings is done at the local level by Iowa Lions Club volunteers. Screening sessions are primarily held in childcare settings and elementary schools, and they might also be held in a public location and advertised to the public. Lions Clubs collaborate with their neighbors who are employees of Title V Child Health agencies, AEAs, Head Start Programs, WIC clinics, local public health agencies and elementary schools to coordinate and schedule collaborative screening activities locally. There were 178 collaborative screening sessions conducted in 2021-2022. Contacts at collaborating agencies receive a summary of results after vision screenings are conducted.

The Iowa KidSight Tool Kit continues to be utilized by Iowa Lions Club volunteers. It outlines details on the new Iowa legislation requiring proof of vision screenings for young children and includes material and templates to support access, integration, and communication surrounding collaborative vision screening opportunities.

- k. In my capacity as Program Manager, I assure that 100% of Early Childhood Iowa areas were sent a communication to update them on Iowa KidSight, describing how free vision-screening sessions are conducted, how to request a screening, and ways Iowa KidSight can keep Early Childhood Iowa areas informed of local screening activity.

Vision Screening Statistics:

Program Year #	# of Sessions	# of Children Screened	# of Children Requiring Referral
1 (May 2000-April 2001)	114	1524	109 (7.15%)
2 (May 2001-April 2002)	370	5268	278 (5.28%)
3 (May 2002-April 2003)	700	9547	422 (4.42%)
4 (May 2003-April 2004)	1000	14,837	719 (4.85%)
5 (May 2004-April 2005)	1097	16,772	670 (3.99%)
6 (May 2005-April 2006)	1286	19,261	628 (3.26%)
7 (May 2006-April 2007)	1502	23,157	783 (3.38%)
8 (May 2007-April 2008)	1787	27,581	1066 (3.86%)
9 (May 2008-April 2009)	1888	29,840	1574 (5.27%)
10 (May 2009-April 2010)	2004	30,636	1486 (4.85%)
11 (May 2010-April 2011)	2001	32,272	1629 (5.05%)
12 (May 2011-April 2012)	1998	33,315	1859 (5.58%)
13 (May 2012-April 2013)	2257	37,401	2941 (7.86%)
14 (May 2013-April 2014)	2523	40,505	2824 (6.97%)
15 (May 2014-April 2015)	2578	42,643	2907 (6.82%)
16 (May 2015-April 2016)	2675	45,404	3407 (7.50%)
17 (May 2016-April 2017)	2788	49,108	3436 (7.00%)
18 (May 2017-April 2018)	2779	50,123	3213 (6.41%)
19 (May 2018-April 2019)	2894	50,755	3033 (5.98%)
20 (May 2019-April 2020)	3008	47,443	2835 (5.98%)
21 (May 2020-April 2021)	1787	19,240	897 (4.66%)
22 (May 2021-April 2022)	3140	39,645	2076 (5.24%)
TOTALS:	42,176	666,277	38,795 (5.82%)

The support extended through the Iowa Department of Public Health is crucial. Thank you for enabling us to prevent amblyopia, and help kids like Emmie see.

Sincerely,



Lori Short
Program Manager, Iowa KidSight



Emmie, age 5 Des Moines, IA

"The 1st thing she mentioned the next morning was how many leaves trees had on them. I didn't notice how many details she was missing until she got her glasses . . . Sometimes while writing she would start too high and her writing was not centered. Now she has no problem writing on paper . . . She REALLY benefited from this program . . . Keep this program going so other kiddos can be helped as well!"

- Chantelle, Emmie's Mom

2021 Iowa Acts, HF891, Division III, Section 4, paragraph g

g. Of the funds appropriated in this subsection, \$96,000 shall be used for continuation of a grant to a nationally affiliated volunteer eye organization that has an established program for children and adults and that is solely dedicated to preserving sight and preventing blindness through education, nationally certified vision screening and training, and community and patient service programs. The contractor shall submit a report to the individuals identified in this Act for submission of reports regarding the use of funds allocated under this paragraph “g”. The report shall include the objectives and results for the program year including the target population and how the funds allocated assisted the program in meeting the objectives; the number, age, grade level if appropriate, and location within the state of individuals served; the type of services provided to the individuals served; the distribution of funds based on services provided; and the continuing needs of the program.

Prevent Blindness Iowa Annual Report

Iowa Department of Public Health

Prevent Blindness Iowa Annual Report

Recipient: Prevent Blindness Iowa/ Iowa Society to Prevent Blindness

Contract Number: 5886VS03

Contract Period: July 1, 2021 through June 30, 2022

Contract Amount: \$96,000

Description of Project: *To increase statewide vision screening programs to children through volunteers and nurses. The program will specifically target children in school settings. The program includes training, certification and all necessary vision screening materials. Educational materials and information regarding existing community and national vision care resources will also be provided during the vision screening.*

Describe project outcomes:

NOTE: COVID-19 is still impacting the ability of child care centers to allow vision screening in their centers due to staffing and other issues.

Progress of Work and Services:

1. Increase awareness and knowledge about the importance of children's eye health.
 - Conduct marketing campaigns about children's eye health issues including social media, traditional media and Prevent Blindness Iowa website.
 - Conduct interviews and answer calls/emails related to children's eye health.
 - Contact school districts to make them aware of the importance of incorporating routine vision screenings, eye health and safety curriculum in their district and providing resources if requested.
 - Provided over 300 Child's Vision Digital Screen Tips posters to schools throughout the state.

- Provide information to lowans, child care centers, and Universities.
2. Increase the number of school age children receiving a vision screening.
- Educate school districts, school nurses and other groups on the importance of providing a standardized vision screening using the most updated training methods and evidence-based practices.
 - Work with the Iowa School Nurse Organization (ISNO) to educate their members of the importance of vision screening, standardized methods and the vision screening certification process.
 - Work with individual school district nurses to educate them on the importance of vision screening, standardized methods and the vision screening certification process.
 - Due COVID-19 and other issues nurses are handling many were busy and didn't have time to perform vision screenings on their K and 3rd graders. Prevent Blindness Iowa provided vision screening to pre-K, K and 3rd and other grades depending on the school district needs. Vision screenings were provided in 23 school districts across the state.
 - Recruit, train and certify vision screeners that perform vision screening in school districts throughout the state.
 - Utilized a Zoom training program for some individuals to attend the vision screening training virtually.
 - Provided vision screening training and certification/recertification to school nurses, health care professionals and lay volunteers that conduct children's vision screening from pre-K through grade 12. Seventy-one individuals were trained and certified representing 25 school districts across the state.
 - Provided vision screening training to 45 volunteers from various groups to assist with providing vision screening.
 - Some attending the training were provided a Zoom vision screening observation at a later date to complete the vision screening certification process.
 - The number of children that will benefit from the children's vision screening conducted by these certified vision screeners should be available in the state database for the 2022-23 school year. It is a process to secure data from local school districts with most indicating they have provided this information to the Iowa Department of Public Health.
 - It is estimated that approximately 45,000 to 50,000 children from all school districts should have received vision screening from a certified vision screener. In the last 4 years Prevent Blindness has provided vision screening training and certification to at least one individual in over 100 Iowa school districts or county health departments that provide school district vision screenings.
 - Continue to provide ongoing support and additional screening materials to certified vision screeners.
 - Materials/equipment to conduct a children's vision screening were provided at no cost to all individuals attending the vision screening training and certification program.

- Work with school districts to provide follow-up to children's families that were referred as a result of a vision screening.
 - Provided VSP certificates, providing an eye exam and glasses if prescribed, to those families meeting the financial criteria. Many discussions were held with parents and nurses on other avenues of assistance available where appropriate.
 - Collaborated with another nonprofit to reach low income schools to provide vision screening, eye exam and eyeglasses to students.
 - Through the children's vision screening program Prevent Blindness provided vision screening to over 12,000 children with 1,701 children being referred for an eye examination. The majority of the children referred received a modified eye exam conducted on their school grounds and two pair of eyeglasses if prescribed. We are hoping to provide more school districts with a vision screening during the 2022-23 school year.

- 3. Increase the proportion of preschool children aged 5 years and under who receive a vision screening.
 - COVID-19 is still having an impact on the ability to provide vision screening due to staffing challenges and other issues.
 - COVID-19 screening protocols were utilized in all vision screenings.

 - Promote the importance of children's vision screening throughout the state.
 - Educated school districts, school nurses, child care centers and other groups on the importance of providing a standardized vision screening using the most updated training methods and evidence-based practices.
 - Contacted childcare centers and preschools to offer vision-screening services.
 - Scheduled Pre-K and child care center screenings.
 - Provided vision screening to over 2,500 preschool age children with 166 being referred for a potential vision problem.
 - Many child care centers had fewer children attending than the previous year.

 - Provide follow-up to children's families that were referred as a result of a Prevent Blindness Iowa vision screening.
 - Provided follow-up to children's families that are referred to determine the result of the eye care visit or to encourage them to make an appointment for an eye exam. The completed follow-up rate through this effort was 40%, meaning that eye exam results have been received from the child's eye doctor. Many parents did not respond to repeated efforts to contact them. It is possible that their child did have an eye doctor visit and the results were not reported to Prevent Blindness Iowa.

- We continue communicate with child care centers to see if they are aware if the referred child received eye care and if they know the results.
- Promote to school nurses, county health departments and child care director's the availability of the Sight for Students program which provides families in financial need with no resources – Medicaid, Hawk-I, etc., - a free eye exam and pair of glasses if prescribed.

Jeanne Burmeister

Signature

Executive Director

Title

July 28, 2022

Date