



DEFINING EXCELLENCE

SUPPORTING HEALTHY LEARNERS

Edina Public Schools
Health Services Program
Annual Report
2018 - 2019

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Health Services Coordinator
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Mission

To promote optimal student health for optimal learning

The purpose of the annual health services report is to:

- Summarize key aspects of the health services that are provided to students within Edina Public Schools (EPS);
- Share information with stakeholders;
- Present data that guides school health practice and change.

EPS Framework for School Nursing Practice

The *National Association of School Nurses (NASN) Framework for the 21st Century* guides EPS health services standards of practice. This report reflects on components within the framework and standards of practice that impact student health and learning including disease prevention, screening, documentation of student health conditions, and other direct services.

Populations Served

There are approximately 8,500 students served in nine Edina Public Schools and in the EPS Early Learning Center. EPS also serves four non-public schools including Avail Academy, Chesterton Academy, Golden Years Montessori and Our Lady of Grace School.

Who We Are: Qualified Staff

- Coordinator and Licensed School Nurses (LSN) 9.5 full time equivalent (FTE)
- Health Services Associates (HSA) 12.25 FTE work student days in each EPS health office, two special education programs and a health associate works in the health office at Our Lady of Grace.

Credentials of the Licensed School Nurse (LSN) staff require a Bachelor's of Science or Bachelors of Art in Nursing and a Public Health Nursing (PHN) certificate and a current Registered Nurse (RN) license issued by the MN Board of Nursing, and a current Public School Nurse license issued by MN Board of Teaching.

All HSA and LSN staff are current in CPR and first aid. Some staff may have additional training in CPI (Crisis Prevention Institute). CPI training focuses on practices related to the safe management of behavior and a respectful workplace.

Community and Public Health: Disease Reporting and Prevention

- Per reporting guidelines, EPS reported less than five cases of Influenza like Illness (ILI) to the MN Department of Health in the winter of 2019. ILI is defined as a fever of 100° F or greater, cough or sore throat (in the absence of a known disease other than influenza).
- EPS follows guidelines and supervision established by the MN Department of Health, Bloomington Public Health, Hennepin County Epidemiology and Dr. John Bjorkland, Medical Advisor.
- Information on infectious disease management in schools is located on the web at <http://www.hennepin.us/residents/health-medical/infectious-diseases>.

- EPS works with the Institute for Environmental Assessment, Inc. (IEA) for services that includes disposal of hazardous waste such as syringes, medication disposal, blood borne pathogen and employee right to know training.

Immunizations:

Edina Public Schools continues to participate in the “NO SHOTS-NO SCHOOL” program, a Park Nicollet Foundation program that assists with immunization resources to 28 greater Minneapolis area school districts. To attend school in Minnesota (MN), all students must comply with MN Statute 121A.15 and show documentation that they have had the required immunizations or provide a notarized exemption form in order to comply with Minnesota School Immunization Law. In November and February, and in an ongoing process, students not up to date with immunizations were excluded from school until all shots were up to date or proper paperwork was received.

For complete school immunization for EPS and statewide data go the Annual Immunization Status Report (AISR) compiled by the MN Department of Health at <https://www.health.state.mn.us/people/immunize/stats/school/index.html>

The data table below reflects the percentage of students fully immunized at grade level per the MDH for the 2018-2019 school report. On average, 97% of students in EPS and the nonpublic schools served are fully immunized for shots required by the MN school immunization law in grades K-12. The percentage is .05% higher than last school year.

Enrollment totals reflect students at nine EPS sites and four nonpublic sites.

Data percentages for students that are partially vaccinated, had a history of the disease or hold a conscientious objection (CO) or medical exemption (ME) can be found on the full state report, linked above.

Grade	Enrolled	DTaP	Polio	MMR	Hep B	Varicella	Tdap	Meningococcal
		% Fully Vaccinated	% Fully Vaccinated	% Fully Vaccinated	% Fully Vaccinated	% Fully Vaccinated	% Fully Vaccinated	% Fully Vaccinated
Kdgn	687	94.91%	95.05%	95.92%	96.07%	95.49%	NA	NA
1st	672	97.32%	97.47%	97.17%	97.17%	96.88%	NA	NA
2nd	710	98.17%	98.17%	97.89%	98.17%	95.92%	NA	NA
3rd	709	97.18%	96.76%	96.33%	96.76%	95.06%	NA	NA
4th	712	97.33%	96.77%	96.63%	96.49%	95.37%	NA	NA
5th	754	96.02%	96.02%	94.96%	95.49%	94.83%	NA	NA
6th	753	98.01%	97.88%	96.95%	97.74%	94.69%	NA	NA
7th	737	97.01%	97.01%	96.88%	97.56%	94.44%	96.61%	96.07%
8th	755	97.62%	98.01%	97.75%	97.62%	95.76%	97.35%	97.22%
9th	693	98.56%	98.12%	98.12%	97.55%	95.67%	98.12%	97.40%
10th	731	97.81%	98.77%	97.95%	98.63%	94.53%	98.08%	97.40%
11th	700	98.14%	98.14%	98.57%	98.00%	94.86%	98.14%	97.29%
12th	736	98.78%	99.59%	98.91%	98.91%	91.58%	98.64%	NA
Total	9,349	97.45%	97.53%	97.23%	97.40%	94.98%	97.82%	97.07%

Staff and community flu shot clinics:

In October 2018, Bloomington Public Health (BPH) immunized 369 Edina Public School employees, family and community members against influenza. This is a slight decrease from past years. Clinics are scheduled again in October 2019.

Hepatitis B vaccine is available to staff who are at risk for exposure.

Care Coordination and Quality Improvement: Student health office data

Student health information is confidentially gathered and stored in the Infinite Campus (IC) student data system. Data collected is from visits documented by health office staff into IC from the period of 9/4/18 - 6/4/2019. Medications include all prescribed daily, as needed prescribed and all over-the-counter medications. All medications administered at school require an annual written authorization from the parent/guardian and medical provider. For details on annual requirements go to <https://www.edinaschools.org/domain/107>.

Health Office Encounters	Student enrollment on 5/2019	Number of students with medications:	Total number of different medications in office:	Total recorded visits to the health office*
Secondary:				
EHS (Gr 9-12)	2691	79	125	11,840
VVMS	1022	43	73	8,200
SVMS	922	60	94	7,501
Secondary total:	4635	182	292	27,541
Preschool (PK) + Early childhood total:	505	15	22	1,884
Elementary:				
Concord	724	29	38	8,108
Cornelia	563	25	42	7,094
Countryside	596	40	58	7,339
Creek Valley	600	29	37	5,720
Highlands	558	56	84	7,777
Normandale	643	22	35	3,947
Elementary total:	3684	201	294	39,985
Total visits to PK, K-12 offices:				69,410**

*Total visits recorded in the table include medications administered, prescribed treatments and procedures. Treatments and procedures include tasks such as suctioning by mouth, formula feedings by feed tube, hearing aid checks, diabetes related needs such as continuous glucose monitoring and insulin pump monitoring, and administration of emergency medications for seizures, asthma and anaphylaxis. Data for the nonpublic schools health offices is not collected.

**17.4% ↑ from total visits in 2017-2018.

911 calls for 2018_2019 School Year:

Approximately twenty-one 911 student related calls were reported to health services. Approximately 50% of the calls were for seizures that required administration of an emergency medication and transport to the hospital, and airway issues from asthma or symptoms of anaphylaxis accounted for approximately 20% of calls. The remaining were for a variety of physical and emotional concerns including broken bones, concussion like symptoms and fainting spells. Staff responding to the emergencies followed student Asthma Action Plans, Allergy and Anaphylaxis Plans and Seizure Actions Plans and first aid standards of care.

Screenings: Early Identification of Hearing and Vision Problems

Nearly 4,900 students in the public and non-public schools were screened for vision and hearing. This total reflects that nearly 100% of the grade level students enrolled at the time were screened. Through screening, students who may have undetected vision or hearing problems are identified and referred for further evaluation and needed treatment. Student vision and hearing screens are also done upon request of a teacher, parent/guardian if symptoms of decreased vision or hearing are seen during the school year.

Hearing and Vision Screening 2018-2019

Hearing	#Screened
Grades: K, 1, 2	
Public Schools Pure tone hearing screen	1,693
Non- Public Schools Pure tone screen	264
Vision	#Screened
Grades: 1, 3, 5, 7 th using 10 foot SLOAN chart	
Public Schools Vision Acuity	2,555
Non-Public Schools Acuity	388
Public Schools Color Vision	327
Non-Public Schools Color Vision- only 1 st grade boys.	Not available
Referral and follow up was approximately 5% in all categories.	

Further information on vision and hearing screening found at <http://www.health.state.mn.us/index.html>

Health Conditions in EPS

The most common student health conditions are from the health condition summary report from the period of 9/4/18 - 6/4/2019. Information is recorded when received from parent/guardian and medical provider.

Number of students with the health condition of:	Pre-Kindergarten	Elementary	Secondary	District Total
ADHD		141	497	638
Asthma	8	216	384	608
Allergy	23	186	368	577
Allergy-Life Threatening	14	171	215	400
Anxiety	5	70	283	358
Autism	6	65	65	136
Depression		1	125	126
Vision Deficiency	3	45	53	101
Color Vision Deficiency		41	44	85
Headache		16	57	73
Hearing Loss	4	30	38	72
Seizures	9	13	28	50
Developmental Delay		25	15	40
Diabetes Type I		11	29	40
Celiac Disease		17	20	37
Other Specific Health Condition	4	10	15	29
Down Syndrome	2	13	10	25
Behavioral & Emotional Concerns	1	16	5	22
Eating Disorder		2	19	21
Adjustment Disorder		5	11	16
Cerebral Palsy		3	13	16
Hypothyroidism		8	7	15
Oppositional Defiant Disorder		4	10	14
Crohn's		3	10	13
Obsessive Compulsive Disorder		2	10	12

Additional components of EPS health services to students:

Community Partnership

- **Diabetes:** The Lake Harriet Masonic Lodge and the Minnesota Masonic Charities have continued their annual generous support to EPS health services to purchase extra supplies for health offices to use with students with diabetes. Supplies include glucose monitoring strips, calibration fluid and glucose gel packs.
- **Vision Screening:** The Early Learning Center (ELC) partnered with the Edina Lions Club to complete vision screening for over 300 students in the ELC's programs for students between the ages of 6 months and 5 years. In addition, the Edina Education Fund awarded the Early Learning Center (ELC) a grant to purchase a WelchAllyn SPOT vision screener. The SPOT vision screener allows the Licensed School Nurse to quickly and easily screen student's vision as early as 6 months of age at school or during a home visit, screen nonverbal students and students that are unable to screen in a typical screening environment. A SPOT vision screener was also purchased for use in K-12 school sites.
- **Nursing students** from the Minnesota Alliance for Nursing Education (MANE) cohort earning a Bachelor's of Science in Nursing degree helped to screen vision and hearing. The students also shadowed LSN's in the health offices.

Care coordination and Management of Chronic Health Conditions

- LSN's and Health Services Associates collaborate with students, parents, and health care providers to provide nursing care at school that promotes optimal health and educational success. The care enables students with chronic illnesses and other conditions to attend school with minimal medical emergencies, to participate in the classroom, improved attendance, and decreased school liability,

Health Assessment and Planning for Special Education Services

- Approximately 10-11% of Edina students receive special education services. On average, school nurses spend 43% of their time working on special education related activities. Throughout the school year, the nurse participates on the special education team by gathering information, evaluating and planning for the health conditions that may affect the students learning and the ability to participate in school. Additionally, there is ongoing communication with family members, medical providers, and school staff to safely meet the health services needs during the school day.
- Following Minnesota mandates, LSN's seek reimbursement from Medical Assistance and other health insurers for the health related services provided to students according to the students' Individual Education Plans (IEP). Also for reimbursement purposes, LSN's prepare documentation, train and supervise paraprofessionals who provide health related Personal Care Assistance according to the needs documented in the IEP.

Health Education provides to students and staff by the Licensed School Nurse and includes the broad areas that include:

- Health and injury prevention curriculum with students including, hand washing, covering a cough, dental care, and concussion prevention, and family life; teacher and staff training for recognition and response to emergency health conditions such as life-threatening allergies, diabetes, and asthma.
- **Seizure Smart Schools.** Edina schools retrained in the Epilepsy Foundation of MN program that requires school nurses and school staff training in seizure recognition and response. Edina students also receive grade level instruction on epilepsy awareness. The goal of the program is to create a safe and supportive environment for students with epilepsy.

For further information on health services and resources, please go to <http://www.edinaschools.org/Page/152>

SUPPORTING HEALTHY LEARNERS

**Health Services Personnel
2018-2019**

Special Services Director: Jeff Jorgensen

Medical Advisor: John Bjorkland, M.D.

Health Services Coordinator

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Concord Elementary

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Sasha Rickard, Health Services Associate
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Countryside Elementary

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Creek Valley

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Highlands

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Normandale French Immersion

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Cornelia Elementary

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South View Middle School

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Special Education Program
Evin Townes, Health Services Associate

Valley View Middle School

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Jen Smith, Health Services Associate
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Edina High School

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Deborah Link, Health Services Associate, RN
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Special Education Program
Mimi Barten, RN, LSN
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Early Learning Center

Anna Sunday, RN, LSN
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Non-Public Schools

Avail Academy, Chesterton Academy, Golden Years
Montessori, and Our Lady of Grace

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Our Lady of Grace

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