



DEFINING EXCELLENCE

SUPPORTING HEALTHY LEARNERS

Edina Public Schools
Health Services Program
Annual Report
2017-2018

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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 describe key aspects of school health services that are provided within Edina Public Schools (EPS). Areas covered include a description of health office staffing, disease prevention and control, district immunization and screening outcomes, health office activities, health conditions and additional services provided.

Populations Served

8,500 students are served in nine Edina Public Schools and in the EPS Early Learning Center. EPS also serves four nonpublic schools including Calvin Christian, Chesterton Academy, Golden Years Montessori and Our Lady of Grace School (OLG).

Qualified Staff

- Coordinator & Licensed School Nurses (LSN) 9.2 FTE.
- Health Services Associates (HSA) 11 FTE work student days in each EPS health office, two special education programs; a health associate also 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 + a Public Health Nursing (PHN) certificate + a current Registered Nurse (RN) license issued by the MN Board of Nursing, and a current Public School Nurse license (LSN) issued by MN Board of Teaching. The LSN license is renewed every five years pending continuing education requirements.

More than half of the Health Services Associates (HSA) hold a Registered Nurse (RN) license or a Licensed Practical Nurse (LPN) license. Additional training and certifications within the HSA's include a certified nursing assistant, and medication administration certification. All health staff are current in CPR and 1st aid, and most have had training in CPI (Crisis Prevention Institute). CPI training focuses on practices related to the safe management of behavior, and a respectful workplace.

Key Communicable Disease Prevention and Control Efforts

- Per state reporting standards, EPS reported cases of Influenza like Illness (ILI) to the MN Department of Health (MDH) in the fall of 2017 and winter of 2018. 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. For information on infectious disease guidelines in the school go to:
<http://www.hennepin.us/residents/health-medical/infectious-diseases>.

- EPS works with the Institute for Environmental Assessment, Inc. (IEA) for services such as disposal of hazardous waste, medication disposal, blood borne pathogen and employee right to know training.
- In September 2017, Bloomington Public Health (BPH) immunized 297 Edina Public School employees and family members against influenza at two EPS school clinics. One community clinic was held and 89 shots were given. The number of shots administered at the EPS clinics was a slight increase over past years. Future clinics are scheduled for October 2018.
- Hepatitis B vaccine is available to staff who are at risk for exposure.

Immunizations: Edina Schools participates in and enforces the No Shots No School Initiative

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

The data table below reflects the percentage of students fully immunized at grade level per the MDH for the 2017-2018 school report. On average 96.5% 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 slightly higher than last school year. This is possibly due to the improved processes of uploading shot records and communicating with families about shot requirements and proper documentation.

Enrollment totals reflect students at 9 EPS sites and 4 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	682	96.48%	96.33%	96.33%	96.63%	95.16%	NA	NA
1st	712	98.17%	98.03%	97.75%	97.75%	96.63%	NA	NA
2nd	697	96.99%	96.70%	95.84%	96.27%	94.98%	NA	NA
3rd	695	97.55%	97.55%	96.69%	96.69%	95.40%	NA	NA
4th	761	95.80%	95.93%	94.74%	95.27%	93.96%	NA	NA
5th	728	98.08%	97.66%	96.84%	97.66%	95.33%	NA	NA
6th	766	97.26%	97.13%	96.61%	97.26%	93.99%	NA	NA
7th	765	97.52%	97.91%	97.52%	97.52%	95.69%	97.12%	96.86%
8th	782	98.59%	98.21%	97.83%	98.08%	95.52%	97.57%	97.31%
9th	729	97.12%	98.08%	96.84%	97.81%	93.14%	96.43%	95.88%
10th	728	96.98%	97.80%	97.66%	97.25%	93.13%	96.84%	94.51%
11th	740	98.24%	99.05%	98.24%	98.24%	90.54%	98.11%	NA
12th	706	97.88%	98.44%	98.02%	97.59%	88.67%	98.02%	NA
Total	9,491	97.44%	97.61%	97.00%	97.24%	94.02%	97.35%	96.17%

In November and February, students that were not up to date with shots were excluded from school until all shots were up to date. Students and families requiring shots were referred to local primary care providers, Barrier-Free Clinics in Hennepin County and/or Bloomington Public Health by the health office staff.

Student health office activities:

2017 was year two of EPS health staff working within the Infinite Campus (IC) student data system. Data collected is from recorded visits documented by health office staff into IC from the period of 9/5/17 - 6/1/2018. Medications in the office include prescribed daily, as needed prescribed and over-the-counter medications. All medications 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>.

*The total visits recorded in the table below include medications administered and also prescribed treatments and procedures. This includes 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.

Health Office Activities	Student enrollment on 10/31/17	Number of students with medications:	Total number of different medications in office:	Total recorded visits to the health office*
Secondary:				
EHS (Gr 9-12)	2732	106	185	10,865
VVMS	1039	70	123	7,673
SVMS	1002	87	172	6,485
Secondary total:	4773	263	480	25,023
Preschool + Early childhood total:	160	15	22	1,346
Elementary:				
CC	742	67	104	6,950
CN	574	41	92	6,940
CS	572	57	95	4,057
CV	589	50	89	4,974
HL	577	57	99	6,244
ND	647	49	77	1,774
Elementary totals:	3701	321	556	30,939
Total visits to PK, K-12 health offices:				57,308

Comparison data for 16_17 school year from the annual report. 16_17 was the first year that Infinite Campus was used for health office activity documentation.

	Enrolled	Total Visits:
EHS (Grades 10-12)	2,043	9,361
Middle	2,692	18,769
Elementary	3,682	36,849
ECSE	142	906
Total:		65,885

911 calls for 2017_2018:

Twenty Three 911 student related calls were reported to health services. Approximately 30% of the calls were related to airway issues from asthma or allergic symptoms; 25% of the calls were related to seizures that required administration of

an emergency medication and transport to the hospital. The remaining 50% were related to a variety of physical and emotional concerns. Staff responding to the emergencies followed student Asthma Action Plans, Allergy and Anaphylaxis Plans and Seizure Actions Plans and first aid standards of care. Five additional 911 calls were related to staff or visitors in the buildings.

Early Identification of Hearing and Vision Problems

Nursing students from Metropolitan State University assisted the Licensed School Nurses to screen over 5,030 students for vision, and hearing in the public and non-public schools. This total reflects that nearly 100% of the recommended 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 2017-2018

Hearing	#Screened
Grades: K, 1, 2	
Public Schools Pure tone hearing screen	1,825
Non- Public Schools Pure tone screen	279
Vision	#Screened
Grades: 1, 3, 5, 7 th using 10 foot SLOAN chart	
Public Schools Vision Acuity	2,211
Non-Public Schools Acuity	389
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, go to <http://www.health.state.mn.us/index.html>

Health Conditions

Health conditions are identified through health information shared by each student’s family. Health information that impacts learning and safety at school is typically shared with the student’s school staff and may be flagged on the student record. Emergency treatment and action plans are required to be updated annually by the licensed provider and signed by student’s family annually prior to any medication administration.

The following are district percentages of students with health concerns in grades K-12. Percentages reflect minor changes from past years:

- Asthma, 9%
- Attention Deficit Hyperactivity Disorder (ADHD), 7%
- Allergies, Life –Threatening, 4%
- Mental health, Anxiety and Depression, 3%
- Vision and hearing concerns, 3%
- Diabetes Type 1, less than 1%
- Seizures, less than 1%

Diabetes Community Partnership

- 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, and glucose gel packs.

Care and Management of Chronic Health and Medically Complex Conditions

- Licensed School Nurses and Health Services Associates work 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 to attend school with minimal medical emergencies, to function at their potential, and to participate in physical activities and field trips.

Health Assessment and Planning for Special Education Services

- Approximately 10% of Edina students receive special education services. On average, school nurses spend 57% 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 impact the students learning and the ability to participate in school. Additionally, there is ongoing communication with family members, medical providers, and school staff in order to safely meet the health services needed during the school day.

Health Education is provided to students and staff by the Licensed School Nurse and includes the broad areas of:

- Health and injury prevention curriculum with students including, hand washing, covering a cough, dental care, and concussion prevention; teacher and staff training for recognition and response to emergency health conditions such as life-threatening allergies, diabetes, seizures, and asthma.

Injury reports:

- Student Injury Reports are completed when a student has an injury at school that was clearly preventable or may result in further medical follow-up. The Licensed School Nurse submit each injury report to site administration for review of any potential and actual safety concerns. The majority of all injuries occur on the playground, in the gymnasium, or on the athletic field where students are typically more active.

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

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**Health Services Personnel
2017-2018**

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