



Health Services

Program Evaluation 2018-2019

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About the Program

Mission Statement: To provide professional nursing care to students and staff through assessment, prevention, health education, early intervention, case management, and collaboration.

SMSD Registered Nurses provide crisis intervention for acute illness and emergencies, perform health assessments and screenings, administer medication, and provide first aid. Our school nurses provide building leadership in coordinating health management protocols for all students, promoting safe school environments, educating students, staff, and parents about current and emerging health issues, and promoting medical research and practice used to support positive health behaviors within the district and community.



Staffing

The Health Services team is comprised of 49 Registered Nurses and 13 Nurse Aides providing healthcare in 48 district locations.

RNs

- 1 Director of Health Services, CAA
- 35 Elementary, includes 1 additional RN at Oak Park Carpenter for Special Education wing
- 5 Middle School
- 5 High School
- 3 Special Programs: Arrowhead, Early Childhood Education Center, Horizons

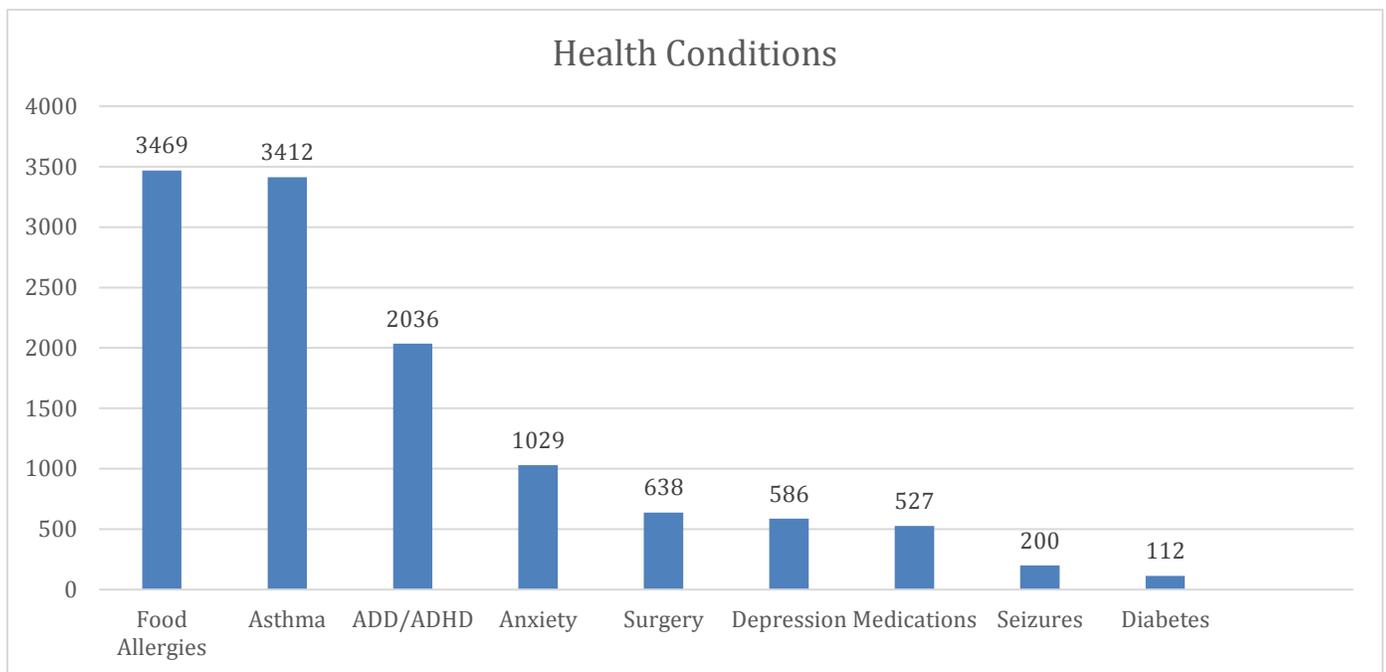
Nurse Aides

- 5 High School
- 5 Middle School
- 1 Briarwood, 1:1 care
- 1 Rosehill, acuity assistance
- 1 Float to Title I buildings: Apache, Comanche, Rising Star, Sunflower, Shawanoe

Health Conditions

SMSD currently has 16,129 students with one or more health conditions. Our nurses currently manage 34,710 health concerns on a daily basis. These documented health issues range from minor health issues (seasonal allergies) to life threatening health conditions requiring daily assessment and intervention (diabetes, cardiac conditions, seizure disorders).

- 3,469 students report food and/or latex allergies
 - 469 report life threatening anaphylaxis with their allergy
- 3,412 students report asthma
 - only 1,167 students have an emergency inhaler at school
- 2,036 students report ADD/ADHD
- 1029 students have been diagnosed with anxiety
- 638 students have a history of recent surgery
- 586 students report depression
- 527 scheduled medications are administered daily to students, PRN or as needed medications vary on how often they are administered (asthma inhalers, antihistamines, cough medicine)
- 200 students have a seizure disorder
- 112 students have Type 1 diabetes

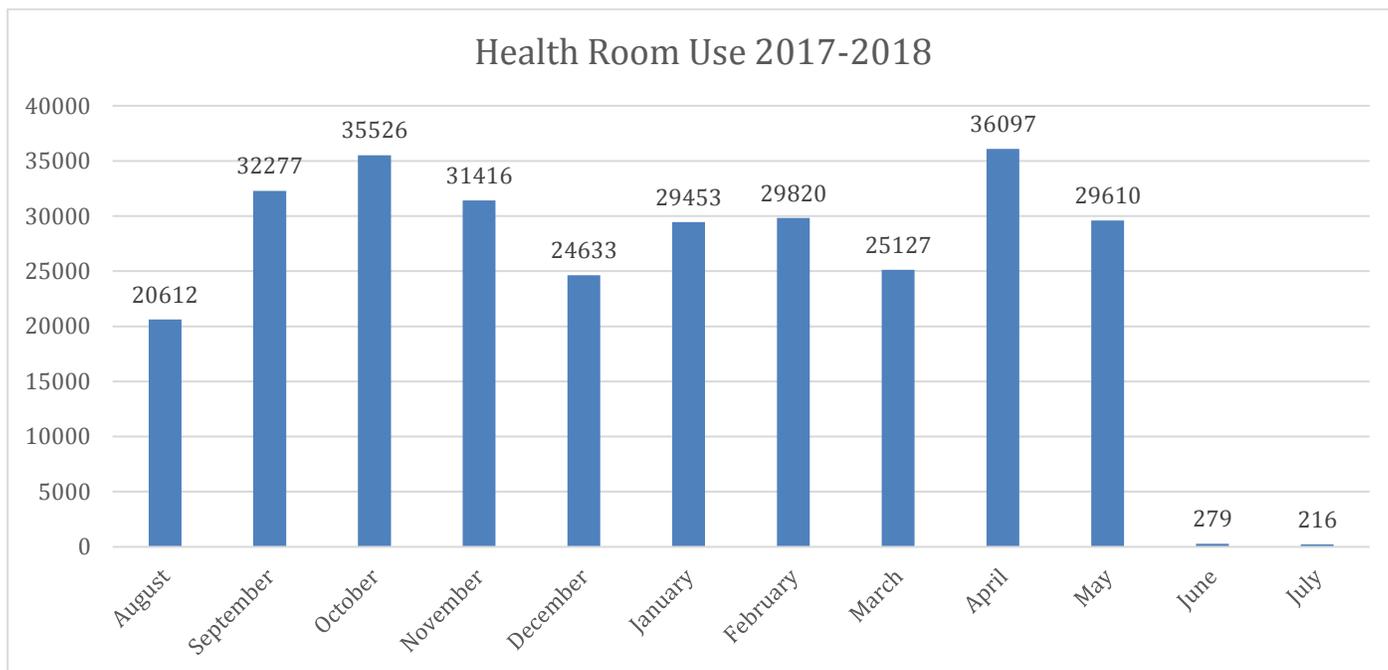


Disease Reporting & Tracking

SMSD nurses monitor and report outbreaks and unusual occurrences of any disease, as well as 10% increases in student/staff absences related to illness. Variances are reported to the Johnson County Department of Health and Environment and/or the Kansas Department of Health and Environment. We work in partnership with these agencies for exclusion criteria related to vaccine preventable diseases such as measles, mumps, and chicken pox as well as assistance with communicable disease outbreaks like noroviruses, cryptosporidiosis, and influenza. To date this school year we have 13 cases of influenza in SMSD.

Health Room Usage

August 1, 2017 through July 31, 2018 SMSD nurses documented 295,066 visits to the health room. As of October 1, 2018 we have documented 53,256 visits to the nurse this school year. Health room visits range from bloody noses, routine catheterization, and safe spot rest breaks to severe asthma episodes, heart arrhythmias, and anaphylaxis. Approximately 95% of our students are returned to class after visiting the registered nurse. Parent contact is made for approximately 15% of nurse office visits with the majority of those being at the elementary level.



AED

In accordance with K.S.A. 65-6149 SMSD has 95 Automatic External Defibrillators (AED) on our campuses. All school buildings have one AED typically located by the gymnasium or multipurpose room. All athletic venue has at least one AED and all athletic directors have an AED that can be mobile according to building needs. Additionally all athletic trainers have an AED with them when on site at athletic events.

AEDs are tracked in an online AED management system by the building nurse according to building/site, location within the building/site, serial number, consumables, and expiration dates. The Director of Health Services manages the AED online system which provides alerts and reports for routine maintenance/checks and replacement dates.

CPR

SMSD employs eleven American Heart Association certified instructors to provide free Cardiopulmonary Resuscitation (CPR)/AED training to all SMSD employees. CPR classes are offered at least once per month. Classes are currently held at Broadmoor Technical Center with the capability of instructing approximately 30 participants per class. Last school year 346 employees were CPR/AED certified through our program. Our program instruction includes adult, child, and infant CPR, AED, and choking.

Epipens

Kansas Statute 65-1680 allows for schools to provide stock epinephrine with an overseeing pharmacist and physician provided prescription. SMSD partners with Debra Edler, Pharm.D. at Stark Apothecary in Overland Park along with Jeff Wald, MD at Kansas City Allergy and Asthma. SMSD stocks epinephrine in all school nurse offices and additionally in the Bistro at the Center for Academic Achievement. For the past 7 years we have received stock epinephrine free through the Epi4Schools program. Currently there is a nationwide shortage of Epipens. The Director of Health Services is working with Dr. Jeff Wald and Debra Edler to pursue all options available to us.

Narcan

Kansas Regulation 68-7-23 was signed into law July 1, 2017. The law allows for a first responder, scientist or technician operating under a first responder agency, or a school nurse to possess, store, and administer emergency opioid antagonists as clinically indicated, provided they receive adequate training. In addition, any individual who, in good faith and with reasonable care, prescribes, dispenses, or administers an emergency opioid antagonist pursuant to the new law is not subject to civil liability, criminal prosecution, or any disciplinary action by a professional licensure entity. SMSD has partnered with Johnson County Emergency Medical Services as well as the Johnson County Department of Health and Environment to create a protocol for all school districts in Johnson County to possess, store, and administer the opioid antagonist with appropriate training. This protocol has not yet been implemented pending Board Approval. See Appendix A.

Health Education & Programming

Our school nurses organize and provide health education programs including:

- Happy Bear – Personal safety for our youngest students.
- Glo-Germ Handwashing – Proper handwashing instruction using UV lighting demonstrating the spread of germs.
- Oral Health – Local dentists partner with nurses to bring oral education to elementary age students.
- Think First – Specific programming for older elementary and secondary students related to head injuries sustained from bike, skate board, and car accidents.
- Giving the Basics – Giving the Basics Foundation partners with SMSD to provide personal hygiene items to students and families. The Supplemental Nutrition Assistance Program (food stamps) does not allow for the purchase of laundry detergent, deodorant, soap, shampoo, toilet paper, feminine hygiene products, toothpaste, etc. Last school year SMSD nurses and social workers provided students with 50,000+ hygiene products free of cost with a product value of \$34,000 from Giving the Basics.
- FFVP (Fresh Fruit and Vegetable Program) – Nurses work in conjunction with food services and classroom teachers to provide education about fruits and vegetables with the opportunity to taste the foods.
- Schools of Nursing Preceptorship – SMSD partners with metro area schools of nursing to provide population health, community health, mental health, and pediatric clinical rotations for nursing students. We currently partner with the University of Kansas, University of Central Missouri, Research College of Nursing, Avila School of Nursing, Mid America Nazarene University, and St. Luke's College of Nursing.
- Smart Snacks in Schools – SMSD nurses work in conjunction with our food service staff to meet requirements for all foods sold to students during the school day. School nurses complete all tracking and reporting of fundraisers for state audits.
- Kendra's Legacy Foundation – SMSD partners with Kendra's Legacy to provide free flu shots to students without insurance coverage in four of our Title I buildings (Shawano, Rosehill, Comanche, and Roesland). School nurses coordinate parental permission forms and vaccine day logistics.



Immunizations & Physicals

Kansas Statute 72-6262 requires all students to have appropriate immunizations for school attendance. K.S.A. 72-5214 requires students 8 years old and younger to have a physical on file. SMSD nurses work with families to obtain appropriate documentation of immunizations and physicals. We track and document immunizations and annually report aggregate data to the Kansas Department of Health and Environment. At the end of the 2017-2018 school year SMSD had 0.8% of students with medical exemptions for one or more required vaccines and 1.8% of students with religious exemptions for one or more required vaccines. Our first exclusion date this school year for non-compliance with vaccinations was October 19, 2018. Updated percentages will be available after that date however very little variance is anticipated.

Health Clinic at Merriam Park

SMSD worked with Health Partnership Clinic to open a Health Clinic inside Merriam Park Elementary School for SMSD students. The clinic is open on Tuesday afternoons for medical walk in visits, and Wednesday mornings for behavioral health appointments. The clinic provides well child checks, sports physicals, immunizations, sick child visits, strep tests, urinalysis, and lab work. The clinic opened late January 2018 and as of Sept 30, 2018 148 SMSD students have been seen for a total of 155 medical visits and 24 students have been seen for a total of 25 behavioral health visits. Of note: several factors contributed to the low numbers of behavioral health visits. Social workers being the primary source of referrals do not work during the summer months, the amount of time required for behavioral health testing allows for only 4 appointments per ½ day that we hold the clinic, and the short supply of behavioral health clinicians forced the clinic to close for 2 days.



Incident Reports & Worker's Compensation

SMSD nurses manage student and staff incident/injury reports and worker's compensation at the building level. SMSD nurses conduct initial assessments of injuries and provide appropriate first aid. Nurses document all findings and complete all required paperwork.

- Work comp paperwork completed for the 2017 school year (7/1/17 – 6/30/18) = 164
- Work comp paperwork completed for the 2018 school year (since 7/1/18) = 57
- Incident reports completed for the 2017 school year (8/1/16 – 7/31/17) = 1907
- Incident reports completed for the 2018 school year (beginning 8/1/17) = 630

Screenings

Kansas Statutes require students receive routine vision (K.S.A. 72-5205), hearing (K.S.A. 72-1204), and dental (K.S.A. 72-5201) screenings. Vision screenings are required for Pre-K, Kindergarten, new students, and for all students every 2 years after initial screening. SMSD partners with Lions Club for vision screenings. We have purchased four SPOT vision screeners and are in the process of writing a grant for additional SPOT screeners. Hearing screenings are conducted by our health services team after initial audiometer certification by the district audiologist. Hearing screenings are required for all Pre-K, Kindergarten, new students, and for all students every 3 years after initial screening. SMSD partners with Johnson County Department of Health and Environment for dental screenings as well as Health Partnership Clinic (HPC). HPC provides students with comprehensive dental care on site with parent permission.

- Vision screenings conducted during the 2017-2018 school year = 16,739
 - 145 rescreened due to abnormal result
 - 1,021 referred to medical provider
 - 2767 had glasses prior to exam
- Hearing screenings conducted during the 2017-2018 school year = 12,603
 - 565 rescreened due to abnormal result
 - 458 referred to medical provider
- Dental screenings conducted during the 2017-2018 school year = 9,842
 - 145 referred to dental provider for urgent needs

Individualized Health Plans

SMSD registered nurses develop an individualized healthcare plan (IHP) for all students receiving school nursing care. As part of healthcare planning registered nurses create an emergency action plan (EAP) for teachers and staff to follow related to a student's life threatening health condition. SMSD has 7,196 active IHPs/EAPs on file.

Wellness Committee

The SMSD Wellness Committee is comprised of students, parents, principals, teachers, and district administrators. The committee is chaired by the Director of Health Services and co-chaired by the Food Services Coordinator and Staff Safety and Wellbeing Liaison. The Wellness Committee assesses the ongoing progress and fine tunes the goals of the district wellness policy as well as monitors emerging health concerns in order to provide direction for district wide wellness initiatives. Since the inception the committee has been instrumental in the following:

- Removal of all fryers from SMSD kitchens
- Removal of vending machines selling soda and junk food to students
- Advocating for all students being allowed to carry water bottles
- Decreasing the amount of junk food being brought into our schools through education and implementation of Smart Snacks guidelines

Wellness Committee 2018-2019 initiatives include decreasing vaping among students and increasing movement in our schools.

Program Goals

- Provide leadership and education to promote health and well-being.
- Provide professional nursing care for chronic disease management (ie diabetes, asthma, seizures), urgent care (ie broken bones, head injuries), and emergent care (ie diabetic low blood sugars, asthma episodes, CPR).
- Provide life-saving training, education, and tools to SMSD employees.

Area of Future Focus

Life Saving Measures

- SMSD employees will have annual hands only CPR/AED/choking training.
- SMSD nurses will have access to life saving medications made available to schools through state statutes and regulations, specifically epinephrine and naloxone.

