

# School Health Services During the Time of COVID-19

Missouri Department of Health and  
Senior Services

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# Chronic Health Conditions: Missouri Students

2018-2019 School Year

Missouri  
**DHSS**  
Department of Health  
and Senior Services



Total Student  
Population:

892,548

Chronic Health Conditions  
Diagnosed by a  
Health Care Provider:

112,187

Asthma

75,548



Life Threatening  
Allergies

26,927



Seizure Disorder

7,144



Type 1 Diabetes

2,115



Type 2 Diabetes

453



384 out of 518 public school districts reported data to MDHSS. The enrollment in these districts was 763,689 representing 86% of all students enrolled in public schools (892,548).

# Student Encounters: Missouri School Health Program

Compiled from voluntary reporting :

545,502 of 892,548 students in Missouri (62%); 266 of 518 public school districts



2018-2019 School Year

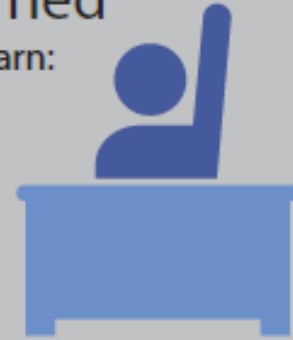
Total sum of visits to the health office:

5,407,255



Number of health office visits resulting in the student being returned to the classroom to learn:

5,155,889



Number of health office visits resulting in the student being sent home due to illness, injury or other:

249,385



Number of health office visits resulting in emergency medical services or 911:

1,981



# Asthma Care at School Post COVID-19 Outbreak

A student presents at the school Health Office with report of respiratory symptoms  
**Could it be viral?**

Maybe?

Important to note student's anxiety level

School Nurse should wear appropriate  
Personal Protective Equipment (PPE)

No

Assess for additional viral symptoms

- Fever of over 100.4
- Cough with/without wheeze
- Nasal congestion
- Nausea/vomiting/diarrhea
- Headache/Fatigue
- Myalgia
- Poor appetite
- Swelling/rash on hands & feet

No

Assess for additional asthma symptoms

- Past history of asthma
- No fever
- Audible wheeze / Cough
- Chest congestion or tightness
- Breath sounds on auscultation: expiratory wheeze
- Fatigue, Mental status
- Reports not feeling able to fully participate in daily activities
- Stops talking to catch breath

Yes

Assess for asthma Issues  
& treat as needed,

- Isolate student
  - Call parent
- Dismiss, refer to healthcare provider, (where possible, provide student with mask)*

If confirmed COVID-19:

- Assess risk
- Consult local health officials
- Consider 2-5 day Building Dismissal to clean, disinfect & contact trace (CDC guidance as of 5/20)

Yes

Follow Asthma  
Action Plan

- Green – Follow plan, observe
  - Yellow – Administer medication as directed, notify parent
  - Red – Administer medication as directed
- Call parent as needed  
Call 911 if symptoms are or become severe

No

Observe  
Return to class  
as appropriate



