

# Making Your Data Count

## The Why, What, Where & How

April 20, 2024

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# Outcomes

1. Gain knowledge of the goals of the National School Health Data Set: Every Student Counts data initiative
2. Gain knowledge into Ohio-specific school nurse data results
3. Gain knowledge and skills related to the importance and impact of local data collection on school nursing practice
4. Gain knowledge of recent NASN initiatives



“Without data  
you’re just  
another person  
with an opinion.”

- W. Edwards Deming,  
Data Scientist

# Every Student Counts Overview



*Caring for  
Ohio's Children*

Home About ▾ Advocacy Education ▾ Licensure (LSN) Membership ▾ **Every Student Counts** Regions ▾ Resources ▾ Community ▾  
Events ▾

## National School Health Data Set: **Every Student Counts!**

**SUBMIT data starting May 1, 2024**

[22-23 OASN Every Student Counts: District-level School Health Staffing Submission](#)

[22-23 OASN Every Student Counts: School-level Health Office Visit Disposition Submission](#)

[22-23 OASN Every Student Counts: School-level Chronic Condition of Students Submission](#)

[Every Student Counts FAQ](#)

[NASN Every Student Counts 19-20 Data Infographic](#)

[NASN Every Student Counts 18-19 Data Infographic](#)

[23-24 OASN Every Student Counts Data](#)

[Definitions](#)

[23-24 OASN Every Student Counts](#)

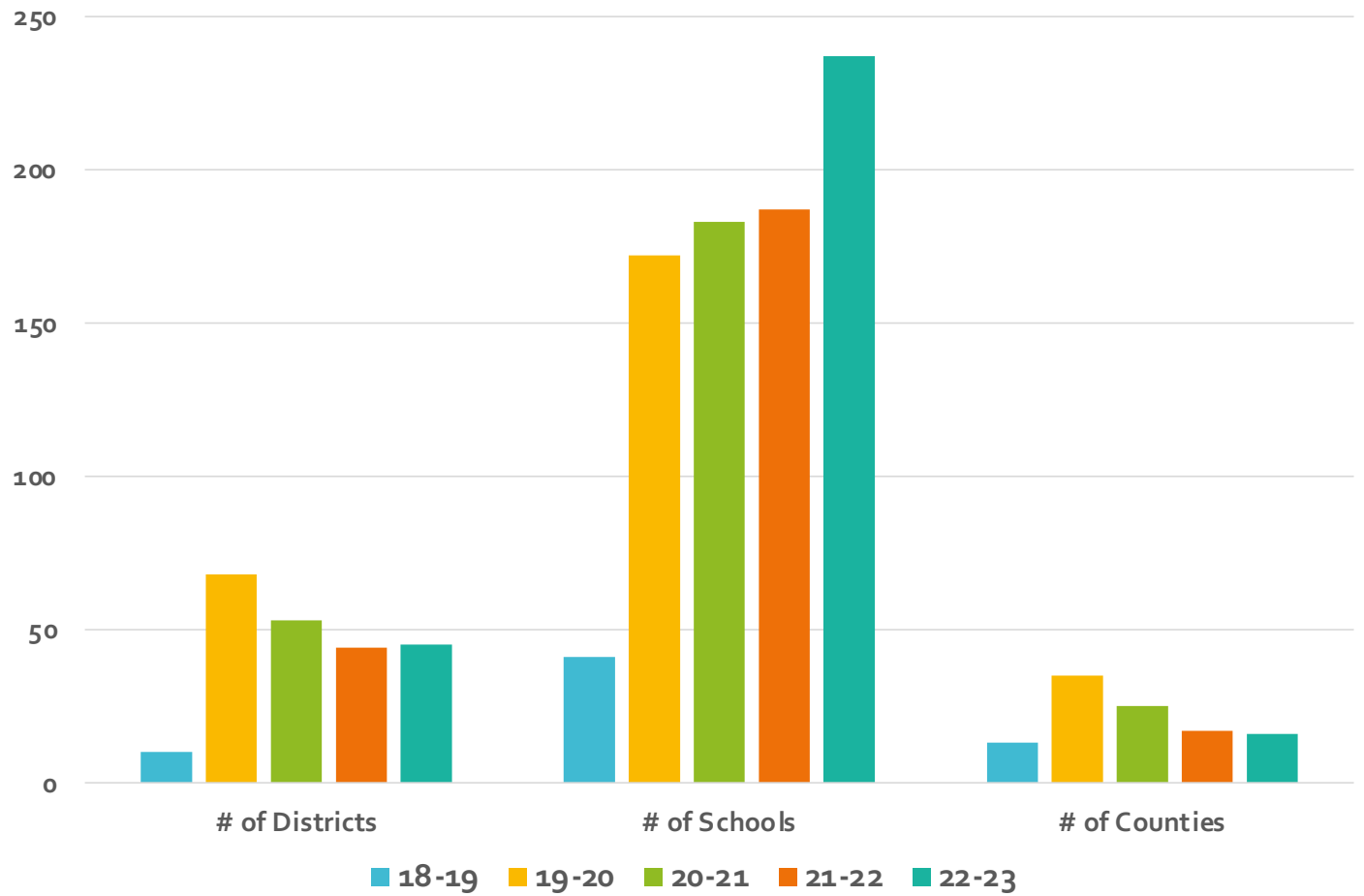
[Template](#)

[Every Student Counts overview video](#)

[NASN Every Student Counts Resources](#)

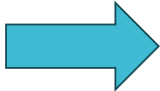
Every Student  
Counts  
Ohio  
Participation  
Levels  
2018-2023

School Health Staffing Report Demographics by Year



# Goals

## National School Health Data Set: *Every Student Counts!*

- Standardized data set  common language
- Identify best practices in school health
- Utilize data to advocate for change
  - Local
  - State
  - National

The WHYs

The WHATs

The WHEREs

The HOWs

WHY is data collection important?

Exploring YOUR WHY

WHAT data do you already have?

WHAT is the data telling you?

WHAT data do you need?

WHERE can I find specific data points?

WHERE can I find help/resources?

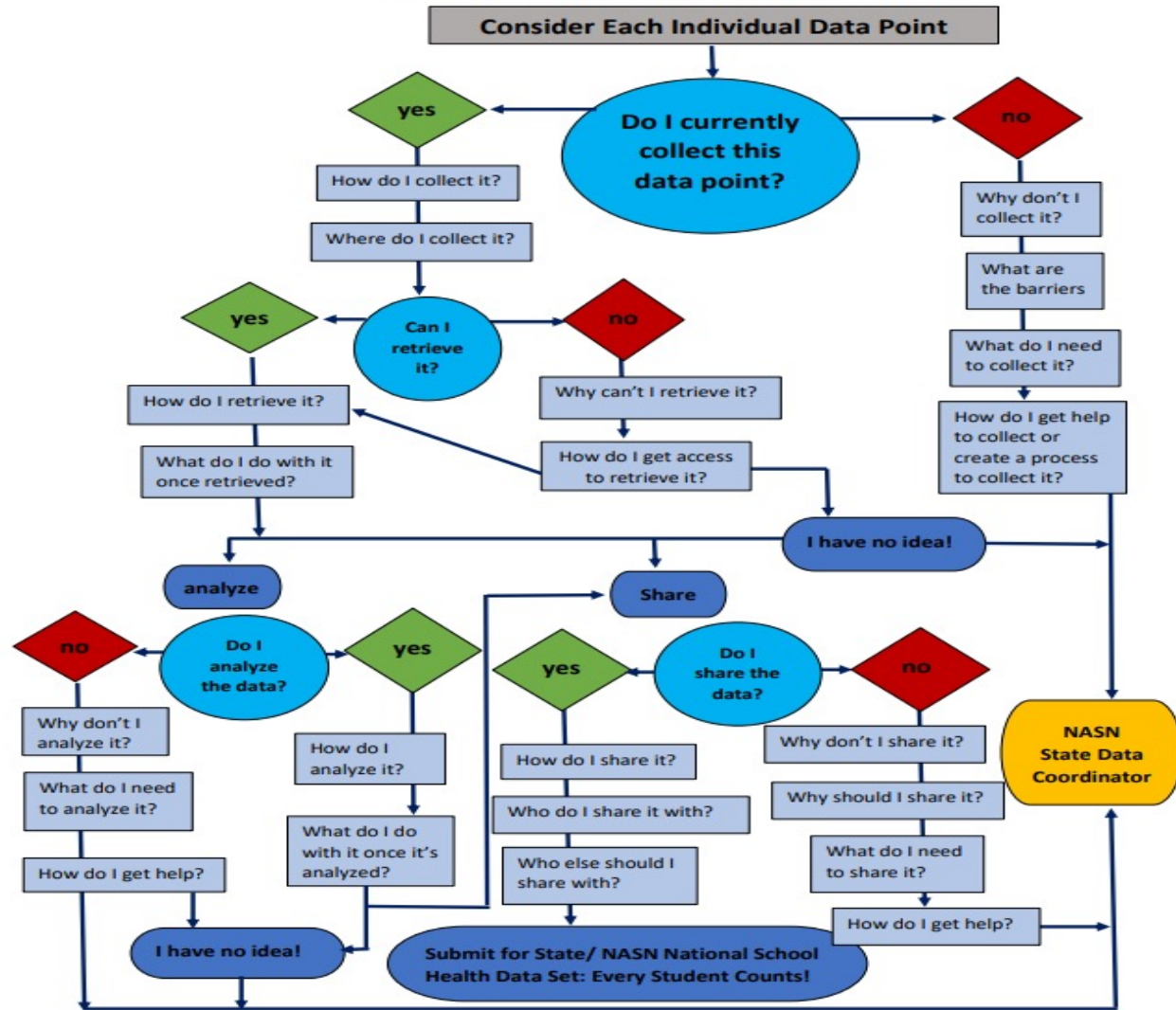
HOW do I collect data?

HOW can I use my data?

HOW can I share my data?

# Data Collection Algorithm

## DATA COLLECTION ALGORITHM

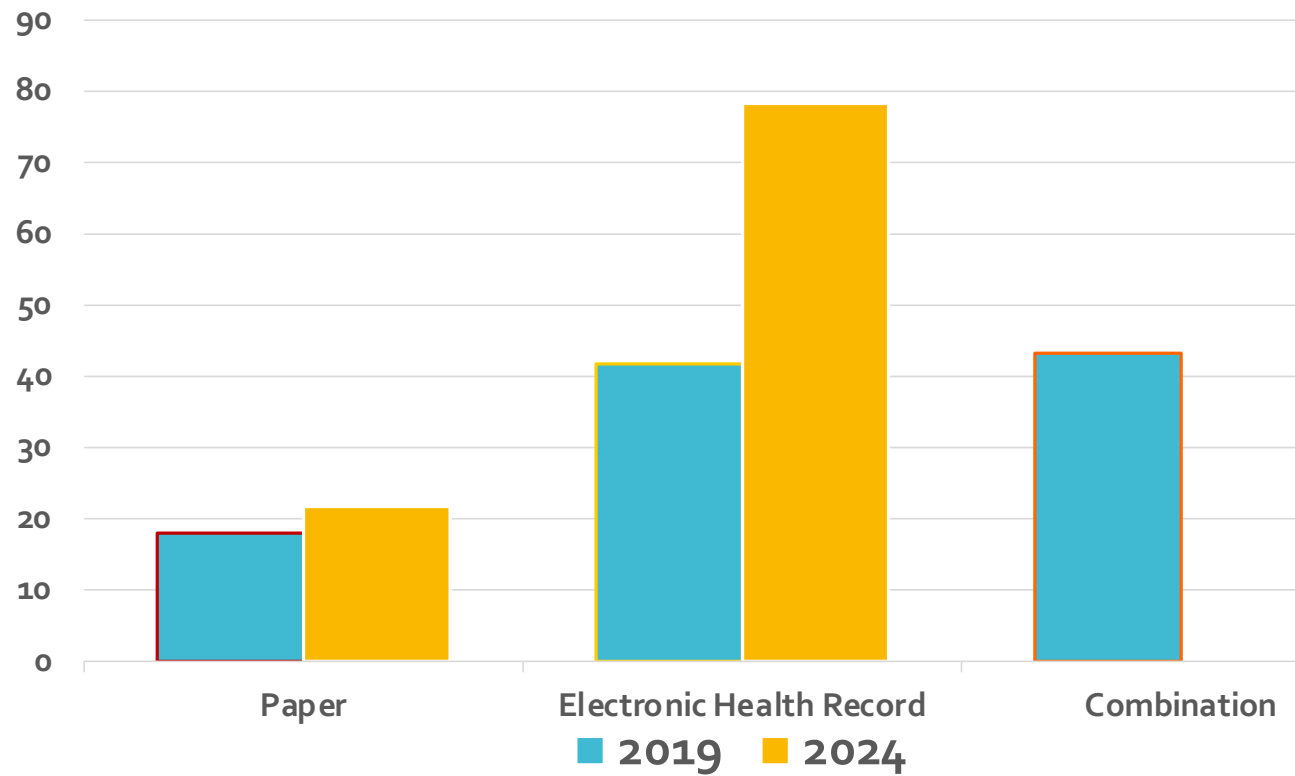




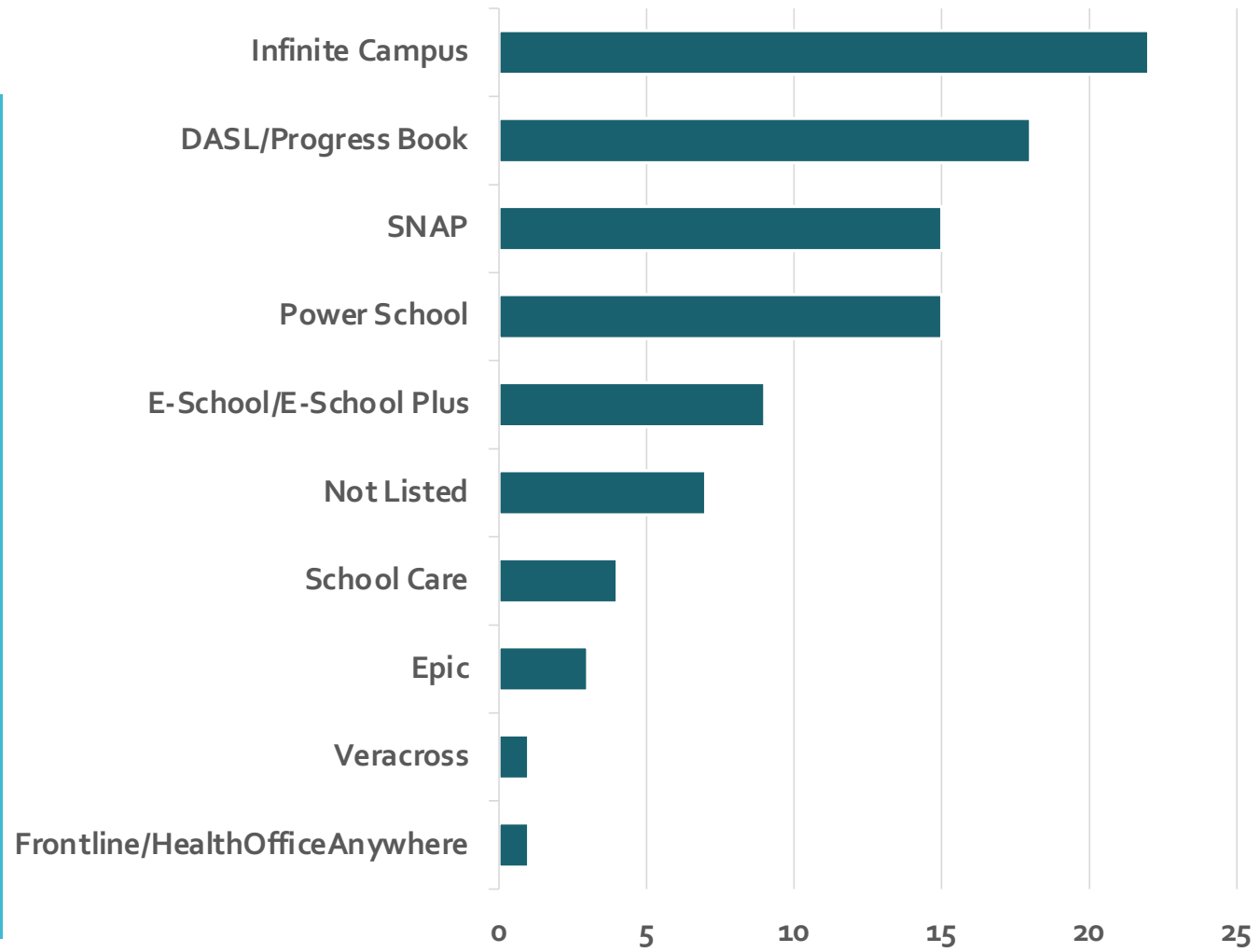
# Ohio's Story...



# Health Documentation (2019 vs 2024)

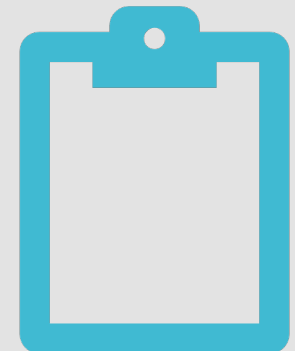


# Electronic Health Record Type (2024)



# Every Student Counts Surveys and Results

1. Staffing
2. Chronic Conditions
3. Dispositions



# Staffing Report

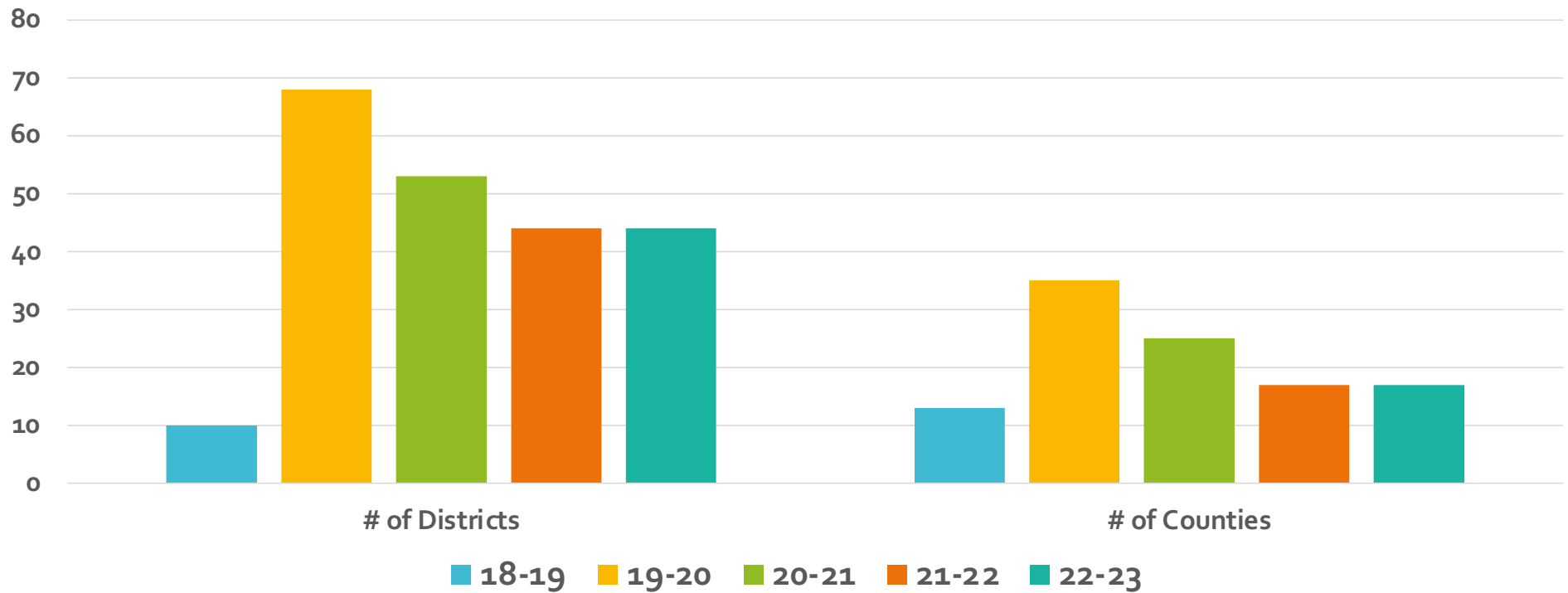
## DISTRICT Data

### 1 per district

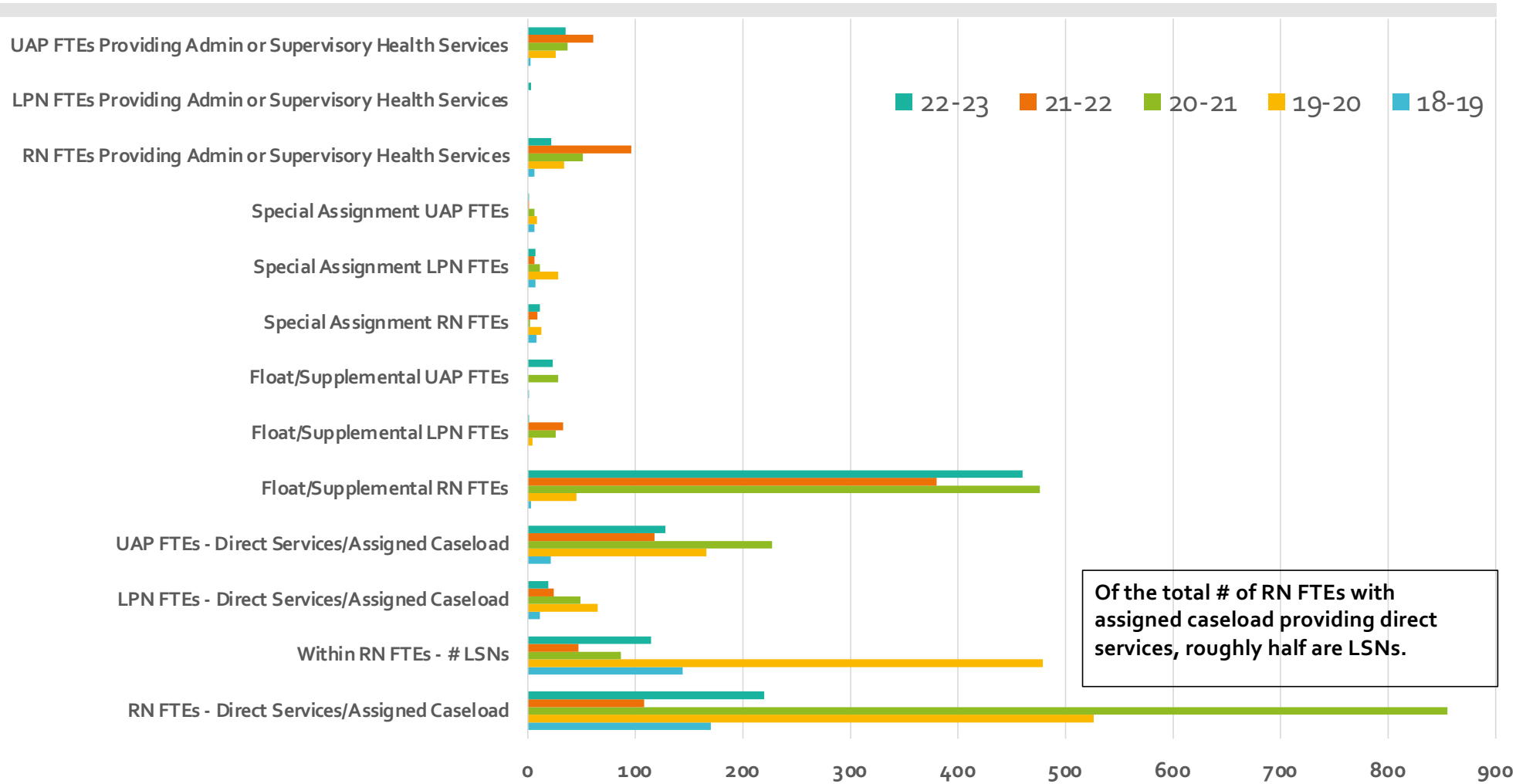
School Health Staffing 2023-24 School Year by School District  
Complete and submit [ONE school health staffing data set for EACH DISTRICT](#) not building

District:	Submitted by:	
District Data Points	Data	Notes
Number of students enrolled in district		
Number of students who were chronically absent during the identified school year		
Percentage of students receiving free/reduced lunch		
Percentage of students whose primary language is not English		
Total number of RN FTEs with an assigned caseload providing direct services		
Total number of these RN FTE holding an ODE Professional Pupil Services License as a School Nurse (LSN)		
Total number of LPN FTEs with an assigned caseload providing direct services with an assigned caseload		
Total number of health aide (non-RN, non-LPN) FTEs with an assigned caseload providing direct services		
Total number of supplemental/float RN FTEs		
Total number of supplemental/float LPN FTEs		
Total number of supplemental/float health aide FTEs		
Total number of RN with special assignment FTEs		
Total number of LPN with special assignment FTE		
Total number of health aides with special assignments FTEs		
Total number of RN FTEs providing administrative or supervisory school health services (administrative FTEs)		
Total number of the RN FTEs providing administrative or supervisory school health services held by LSN		
Total number of LPN FTEs providing administrative or supervisory school health services held by LSN		

WHAT?/WHEN?	WHERE?/WHEN?
Total district population (Oct.)	EMIS Coordinator, ODE Website, see below
Total number of district chronically absent ( <i>end of school year</i> )	<b>EMIS Coordinator</b> – best for current year info * <a href="#">Ohio Report Card</a> – updated every September for previous year <a href="https://reportcard.education.ohio.gov/">https://reportcard.education.ohio.gov/</a> – go to “View District” – Chronic Absenteeism
% Free & Reduced Lunch (October number)	EMIS Coordinator, <a href="#">ODE Website</a> - <a href="https://education.ohio.gov/Topics/Student-Supports/Food-and-Nutrition/Resources-and-Tools-for-Food-and-Nutrition/Data-for-Free-and-Reduced-Price-Meal-Eligibility">https://education.ohio.gov/Topics/Student-Supports/Food-and-Nutrition/Resources-and-Tools-for-Food-and-Nutrition/Data-for-Free-and-Reduced-Price-Meal-Eligibility</a>  <i>Scroll to FY-2024 and download the Oct 2023 (FY2024) Data for Free &amp; Reduced Price Meals -- gives total enrollment for each school within a given district &amp; the % of students receiving free/reduced lunch for each school.</i>
% of EL(ESL) learners (October number)	EMIS Coordinator, ODE Website <a href="https://education.ohio.gov/Topics/Data/Frequently-Requested-Data/Enrollment-Data">https://education.ohio.gov/Topics/Data/Frequently-Requested-Data/Enrollment-Data</a> - Current year data, Fall, 2 <sup>nd</sup> tab ( <b>District Headcount</b> ) –Column T - “EL” (Ohio Report Card. go to “View District”, Enrollment)
Health Staff Education Level State-specific SN credentials	Your district’s lead nurse
District’s health care team	Your district's lead nurse



## School Health Staffing Participation Demographics (2018-2023)



Of the total # of RN FTEs with assigned caseload providing direct services, roughly half are LSNs.

# Health Clinic Staffing Total FTEs by Provider 2018-2023

# Student Chronic Conditions

One per school

- ❖ Allergy
- ❖ Asthma
- ❖ Diabetes
- ❖ Seizure Disorder
- ❖ ME/CFS

## Students with Chronic Conditions 2023-24 by School Building

Complete and submit ONE health office visit/disposition data set for EACH BUILDING within a district

District:	School Building:	
Building Data Point	Data	Notes
Number of students enrolled in assigned school		
Number of students who are chronically absent		
Number of students with a diagnosis of LIFE-THREATENING ALLERGY from a healthcare provider		
Number of students with a diagnosis of LIFE-THREATENING ALLERGY from a healthcare provider who are chronically absent		
Number of students with a diagnosis of LIFE-THREATENING ALLERGY from a healthcare provider with an EAP/IHP on file		
Number of students with a diagnosis of LIFE-THREATENING ALLERGY from a healthcare provider with an antihistamine at school		
Number of students with a diagnosis of LIFE-THREATENING ALLERGY from a healthcare provider with epinephrine at school		
Number of students with a diagnosis of LIFE-THREATENING ALLERGY from a healthcare provider who self-carry epinephrine at school		
Number of students with a parent-reported diagnosis of LIFE-THREATENING ALLERGY		

## WHAT?/WHEN?

School student population  
(October number)

# of chronically absent students for specific school

**Chronically absent** = at least 10% of school days

Chronic condition questions

- # with diagnosis
- # of Parent reported
- # with medications
- # per type of medication
- # EAP/IHP/504/IEP per type of plan

Number of students with a diagnosis of XXX from a healthcare provider who are chronically absent

## WHERE?/WHEN?

**EMIS Coordinator**, ODE Website  
<https://education.ohio.gov/Topics/Data/Frequently-Requested-Data/Enrollment-Data> -  
 Current year data, Fall, 2nd tab (**Bldg** Headcount – add up the grades)

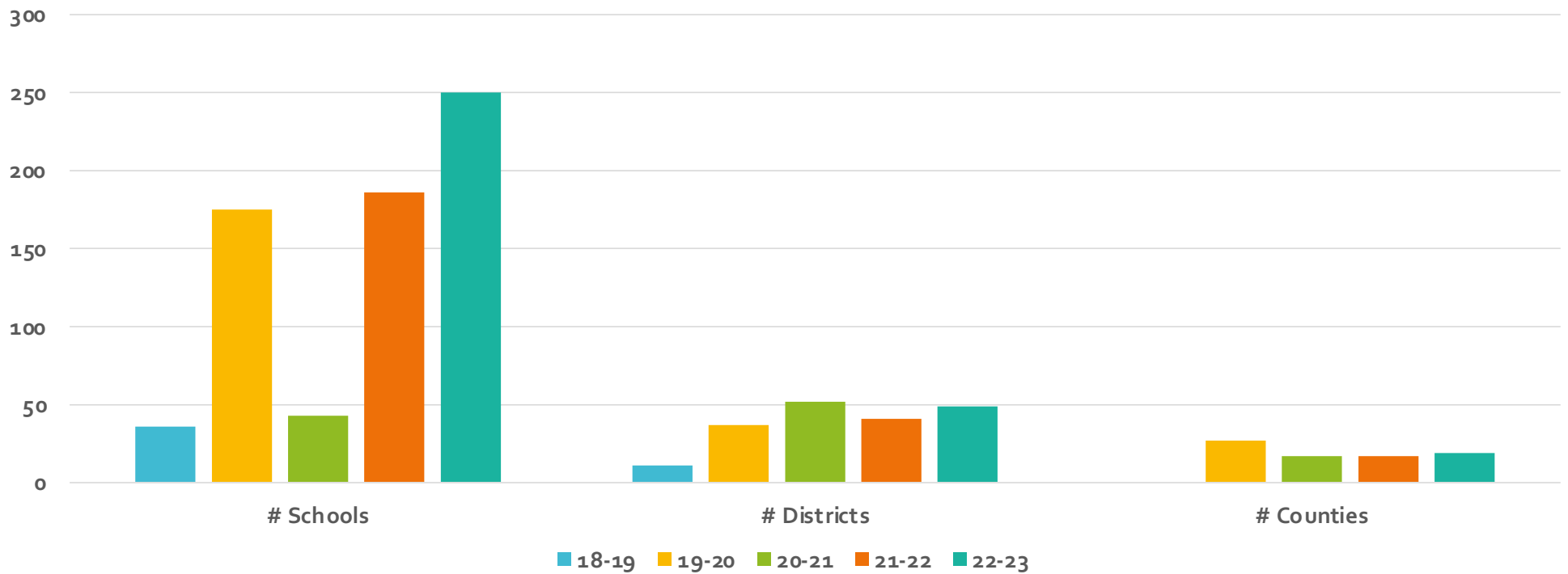
**EMIS Coordinator for current year**  
[Ohio Report Card](https://reportcard.education.ohio.gov/) -  
<https://reportcard.education.ohio.gov/>  
 – type in school, Report Card Overview, Gap Closing, View More Data, and scroll down the page to chronic absenteeism – you’ll see the # expressed as a percent  
 – \*not available until September for the previous year

Clinic specific data – start in August and add those that come in

**Attendance Secretary/Principal**  
 Can provide a list of student names and ask for their attendance rate at end of year

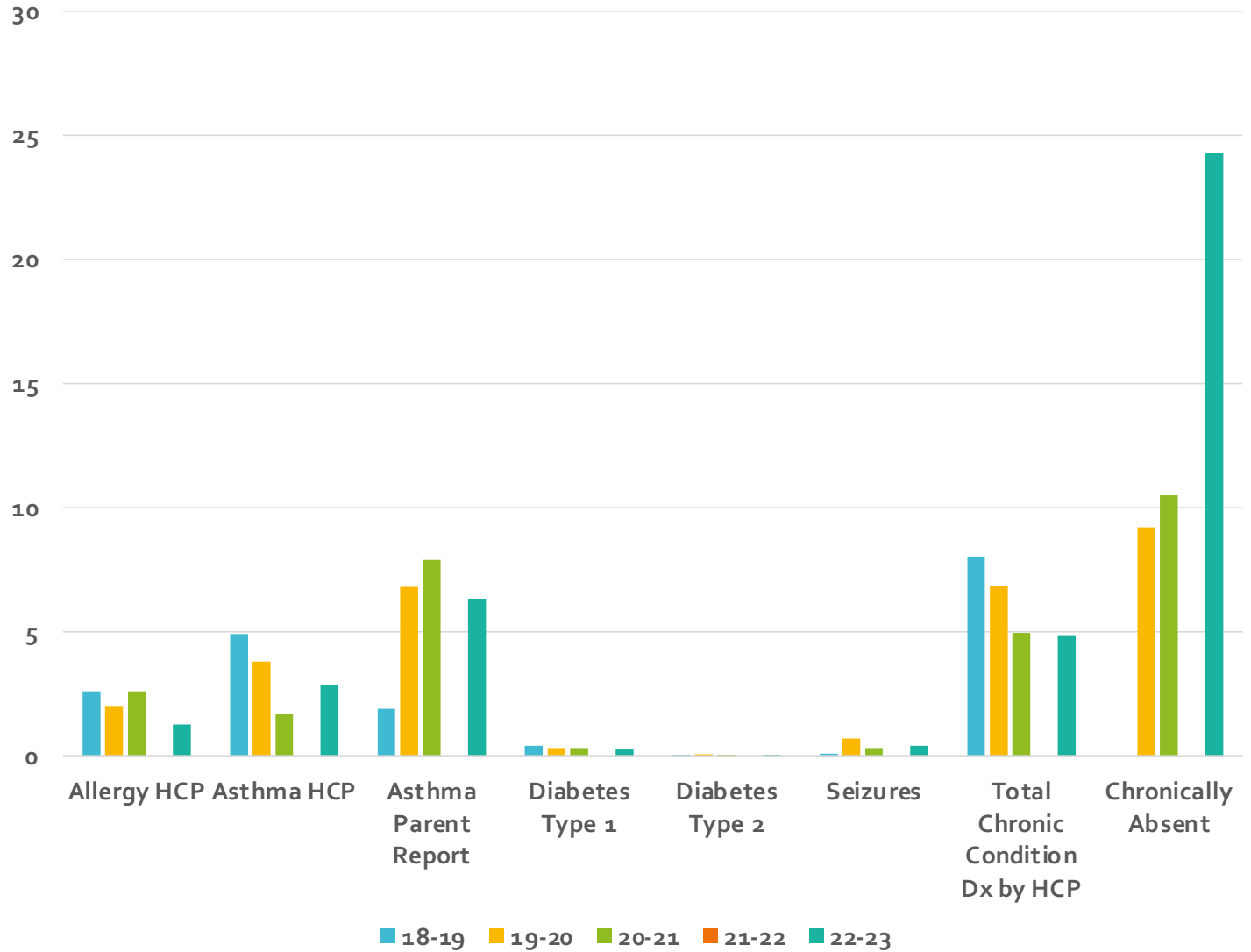


## Student Health Data Demographics



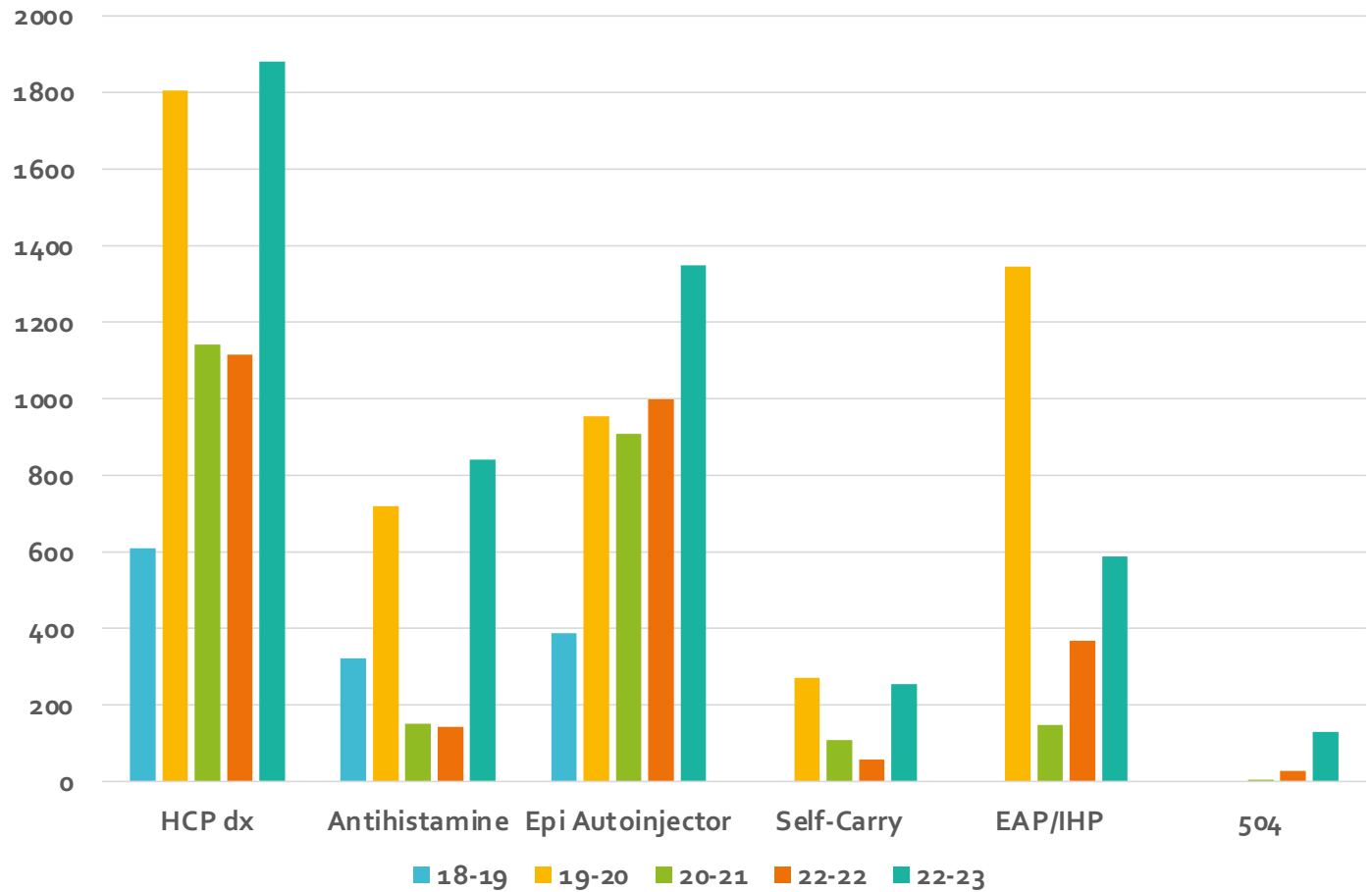
Student Health Conditions Participation Demographics\*  
(most participation)

# Student Health Data % Students by Diagnosis (out of total student population) (2018-2023)

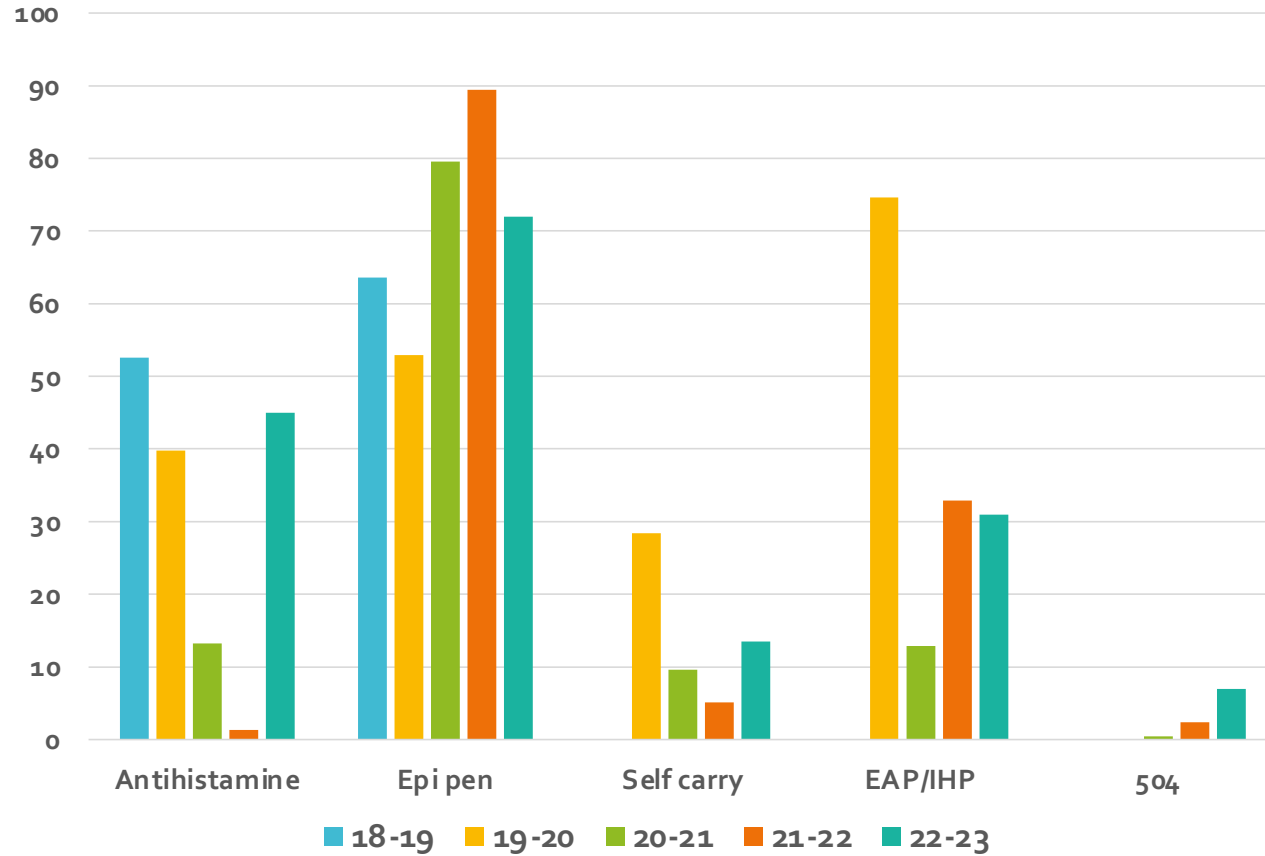


# Total # of Students with Life-Threatening Allergy (2018-2023)

## Allergy (Life-threatening) Total Numbers

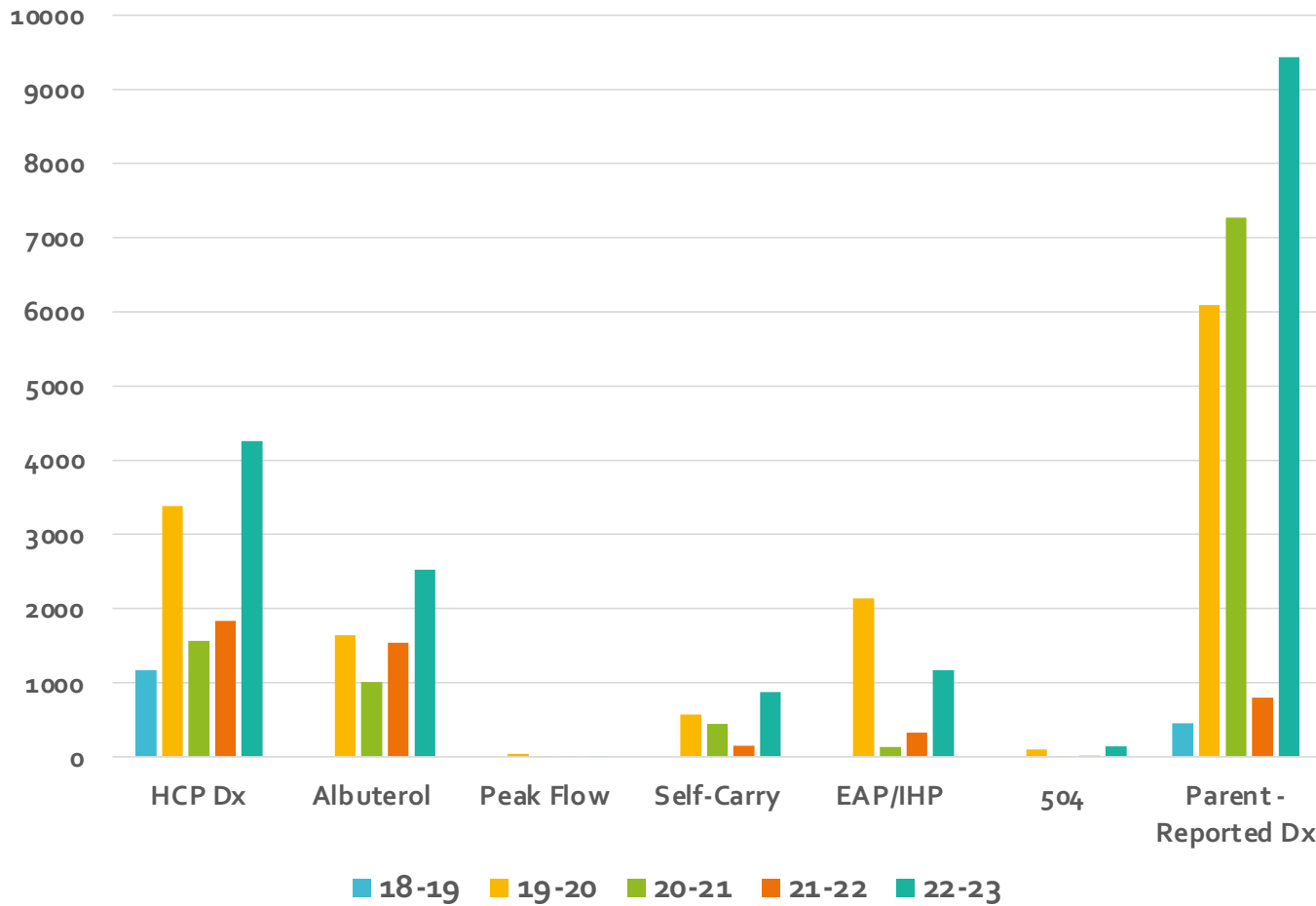


Allergy (Life-threatening) %



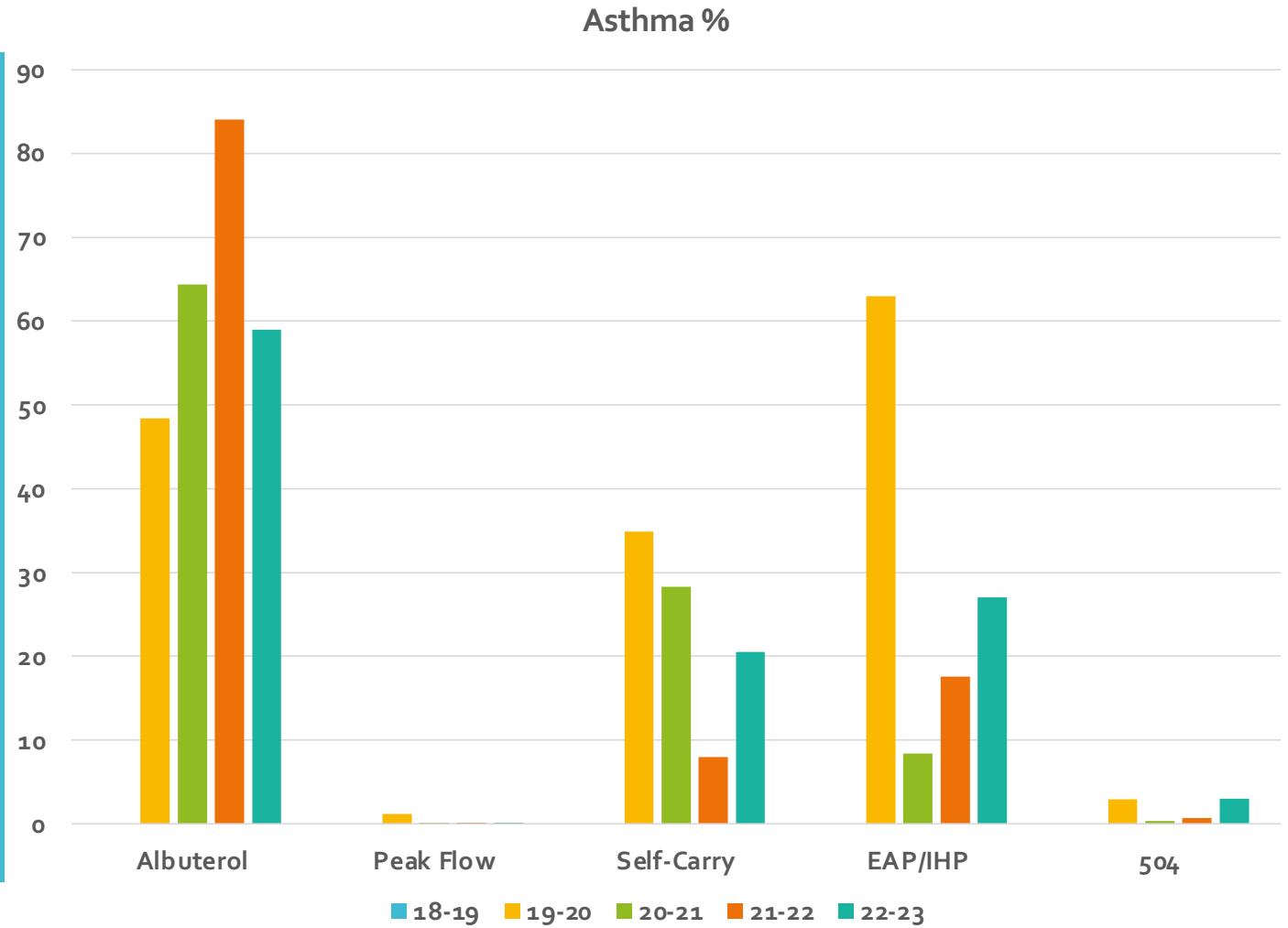
Percentages of  
Life-  
Threatening  
Allergy  
Demographics  
(2018-2023)

Asthma Total Numbers



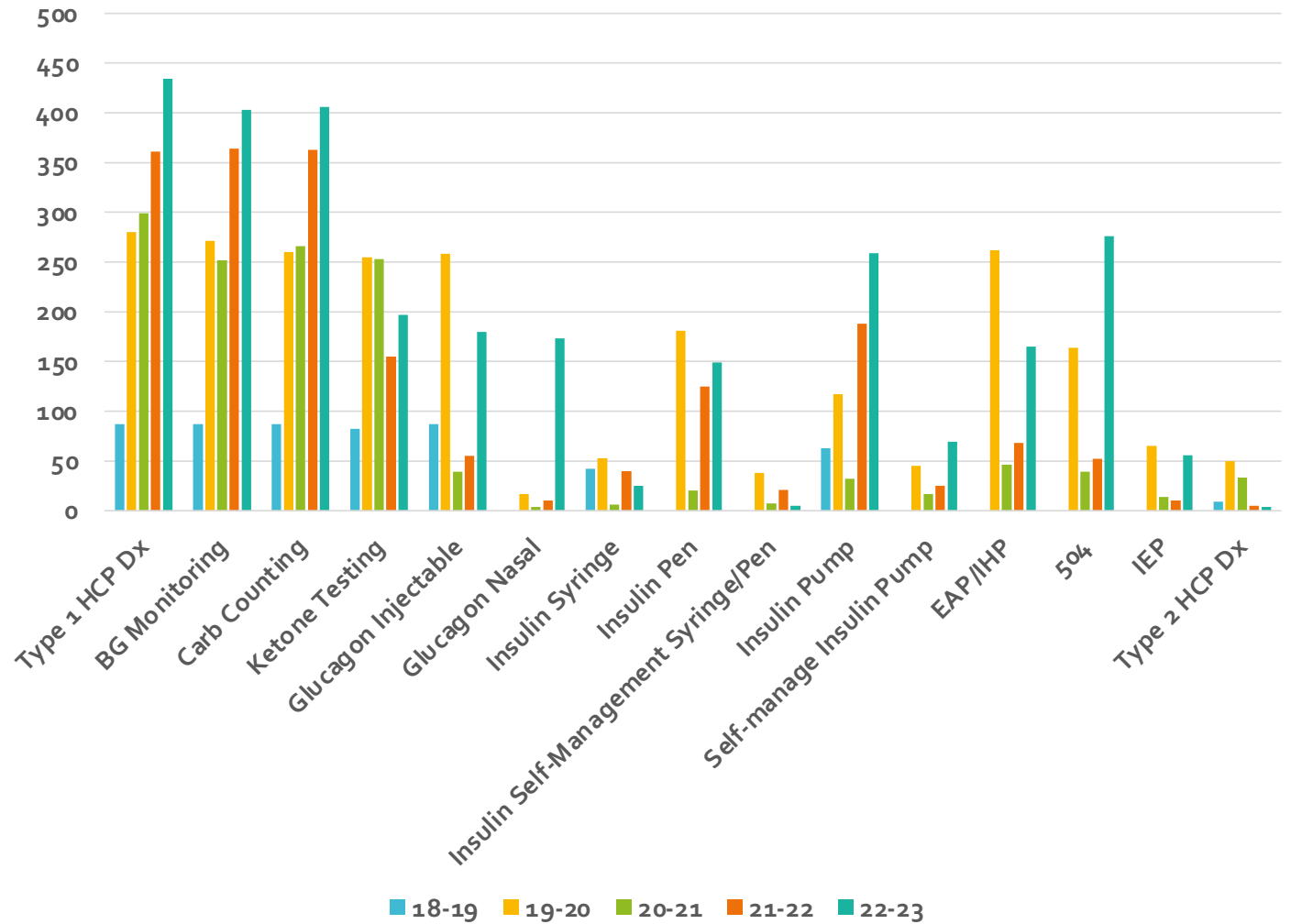
Total #  
Students with  
Asthma  
(2018-2023)

# % Asthma Demographics (2018-2023)

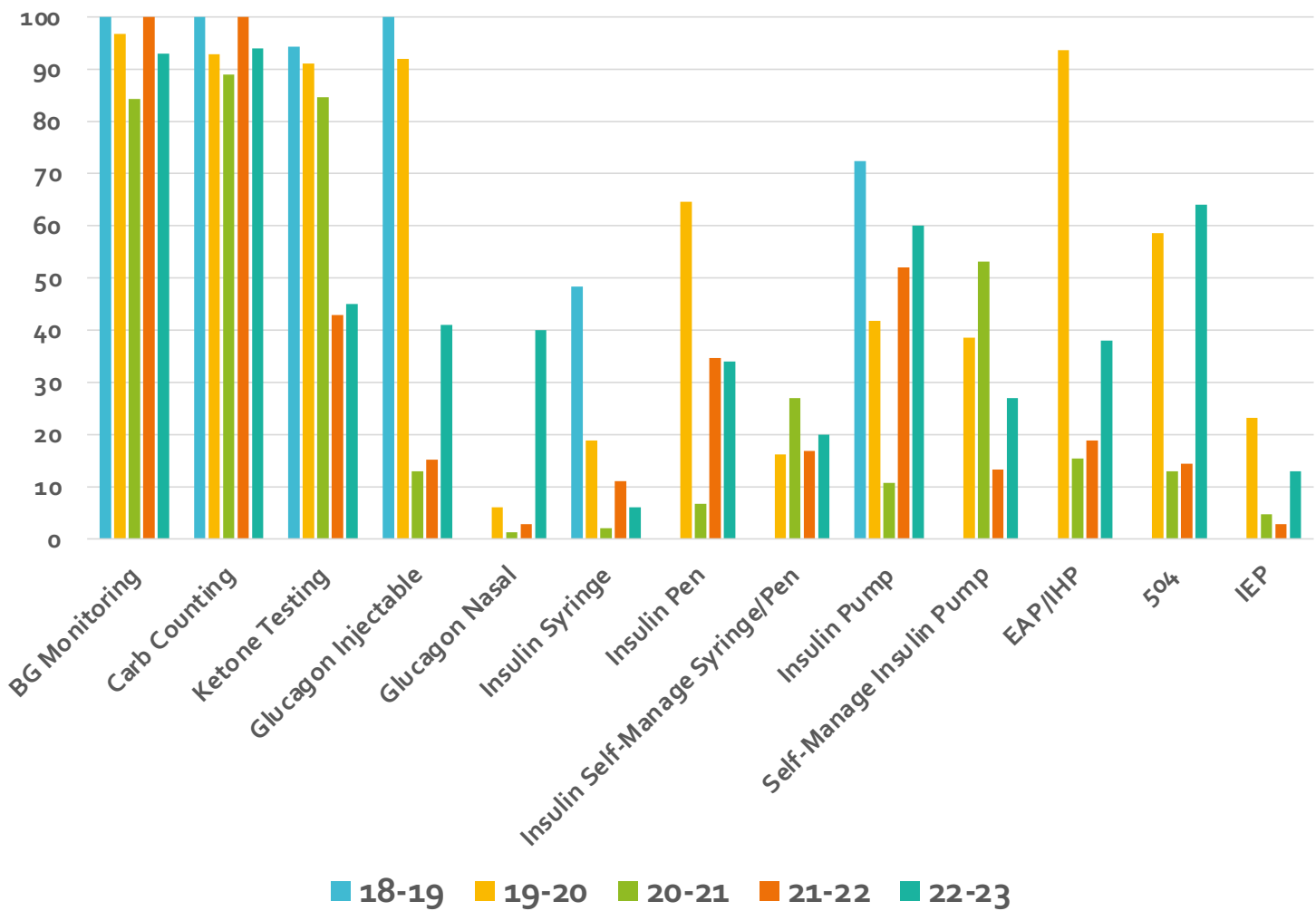


# Total Student Diabetes #s (2018-2023)

Diabetes Total Numbers



### Diabetes %

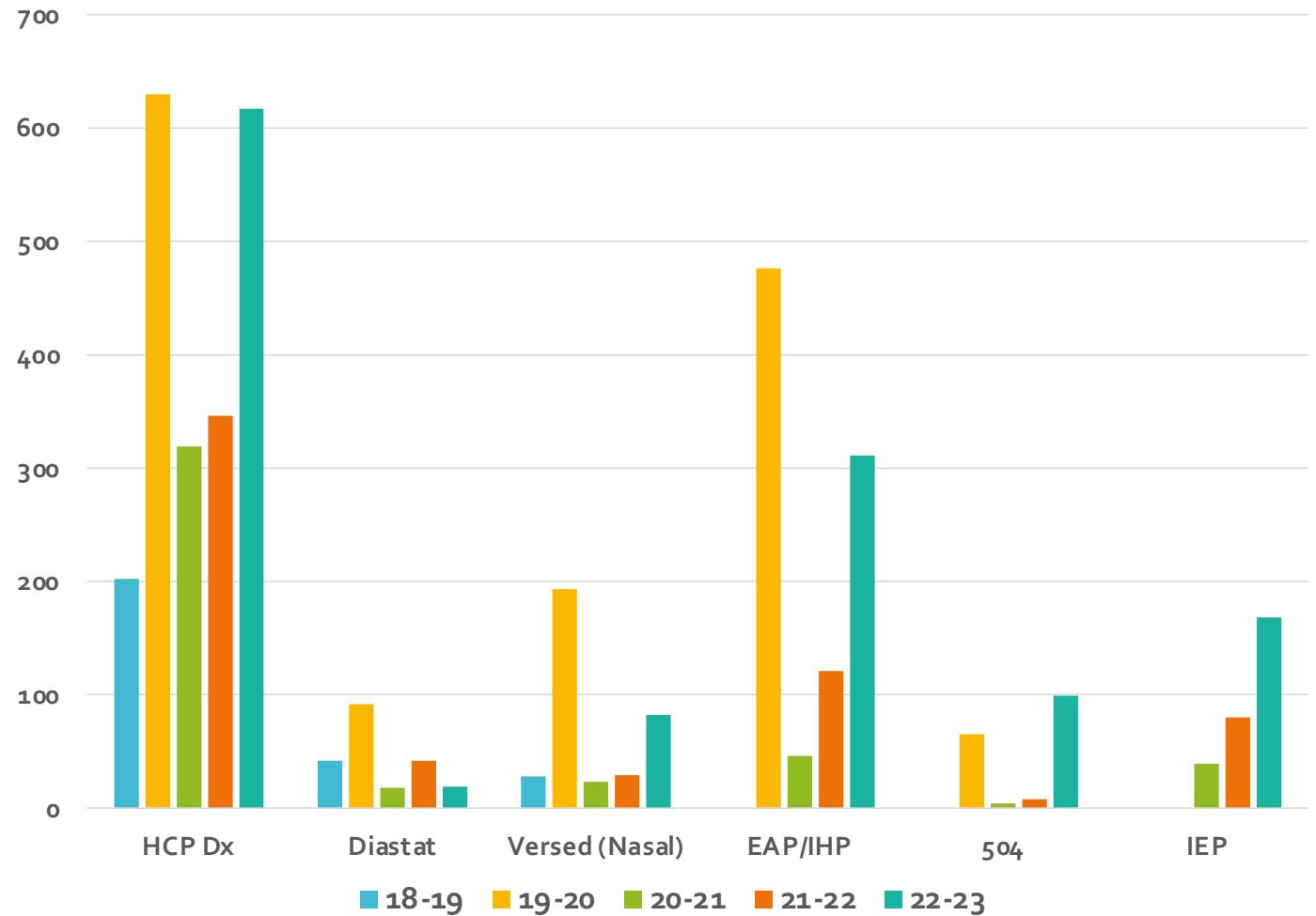


% Diabetes Demographics (2018-2023)

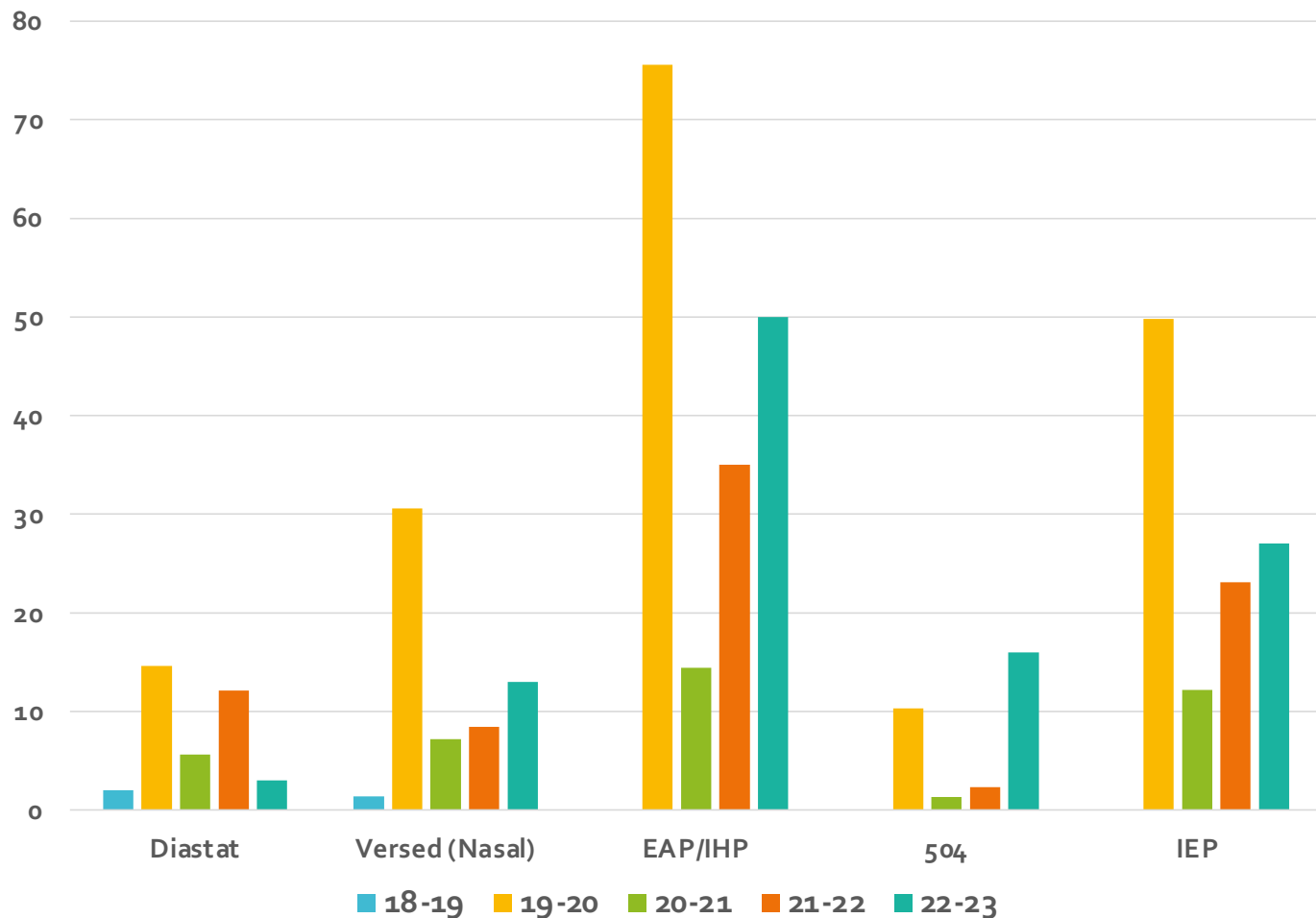


Total #  
Students with  
Seizures  
(2018-2023)

Seizures Total Numbers



Seizures %



% Seizure  
Demographics  
(2018-2023)

# Student Visit Dispositions

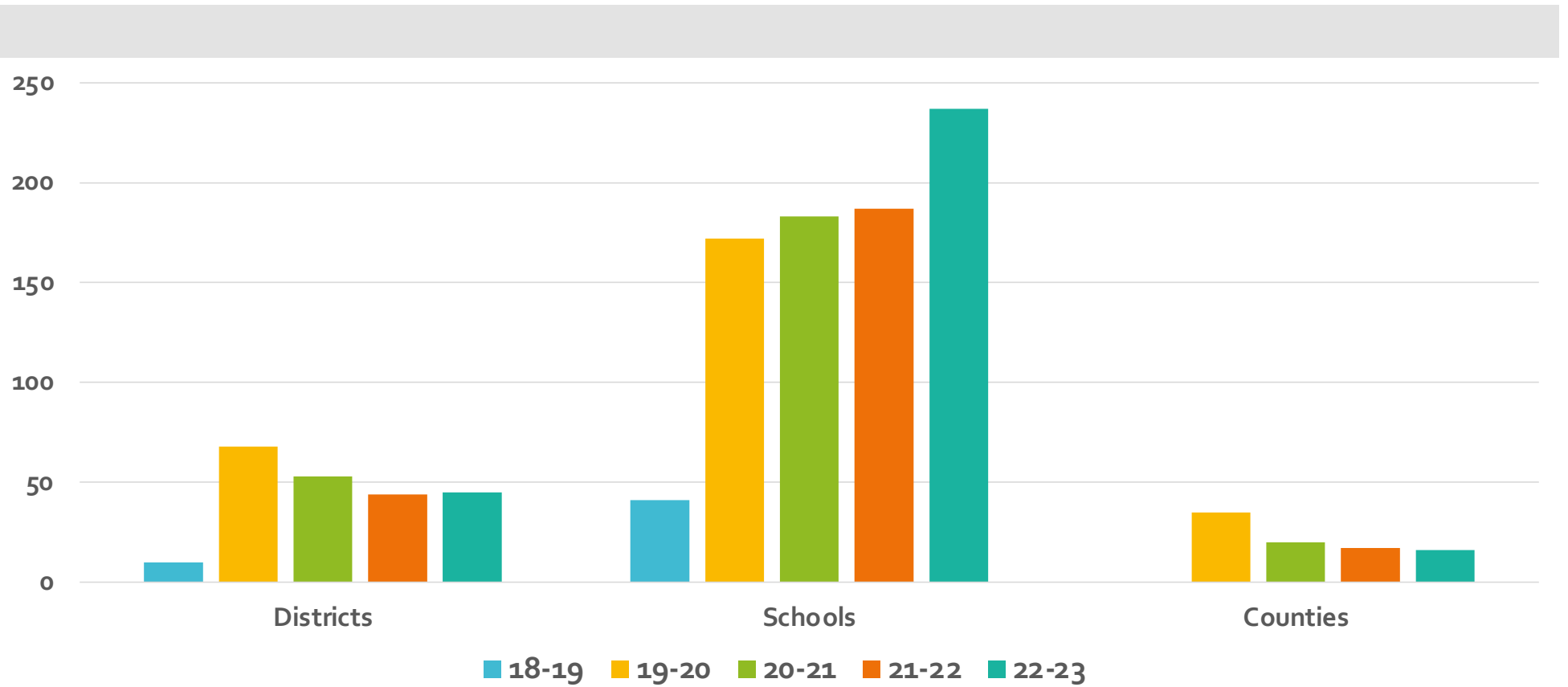
One per school

OASN Every Student Counts: Monthly Health Services Report

School Year \_\_\_\_\_ School \_\_\_\_\_ Nurse \_\_\_\_\_

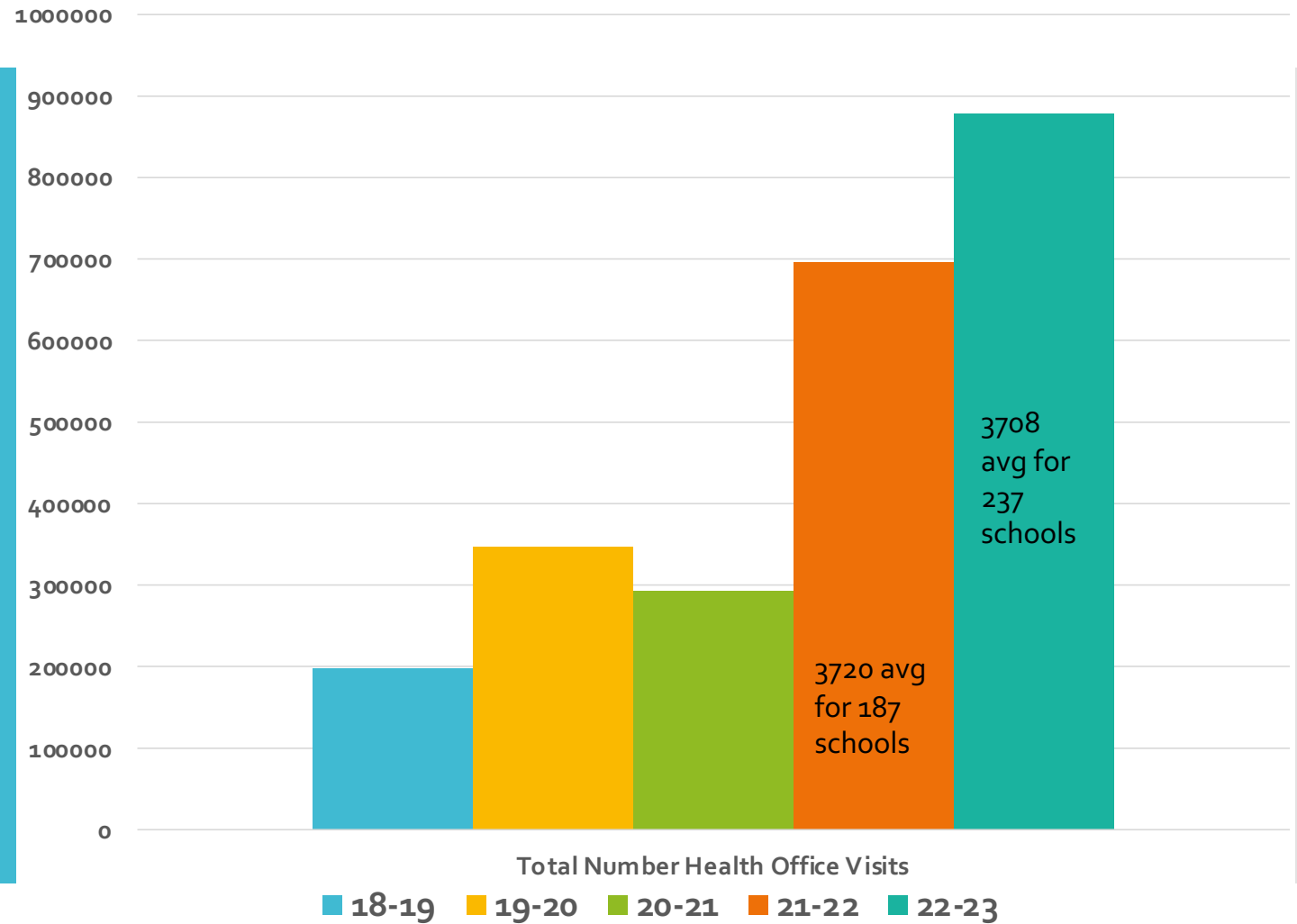
Student Visits	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
<b>Disposition of Students</b>												
# students returned to class												
LSN												
%												
RN												
%												
LPN												
%												
UAP/health aide												
%												
Unknown												

WHAT?	WHERE?/WHEN? (Monthly/Yearly)
Total # health office visits	Your EHR or Paper Template Record
Disposition by provider (LSN, RN, LPN, UAP) <ul style="list-style-type: none"> <li>❖ Home</li> <li>❖ Return to Class</li> <li>❖ 911</li> </ul>	Your EHR or Paper Template Record
Medication Administration by provider (LSN, RN, LPN, UAP) <ul style="list-style-type: none"> <li>❖ Scheduled</li> <li>❖ PRN</li> </ul>	Your EHR or Paper Template Record (MAR)
# of student health office visits related to mental health by provider (LSN, RN, LPN, UAP)	EHR/Paper Template Record <ul style="list-style-type: none"> <li>• Does your school collect this?</li> <li>• Is this a data point you can add to your EHR?</li> </ul>

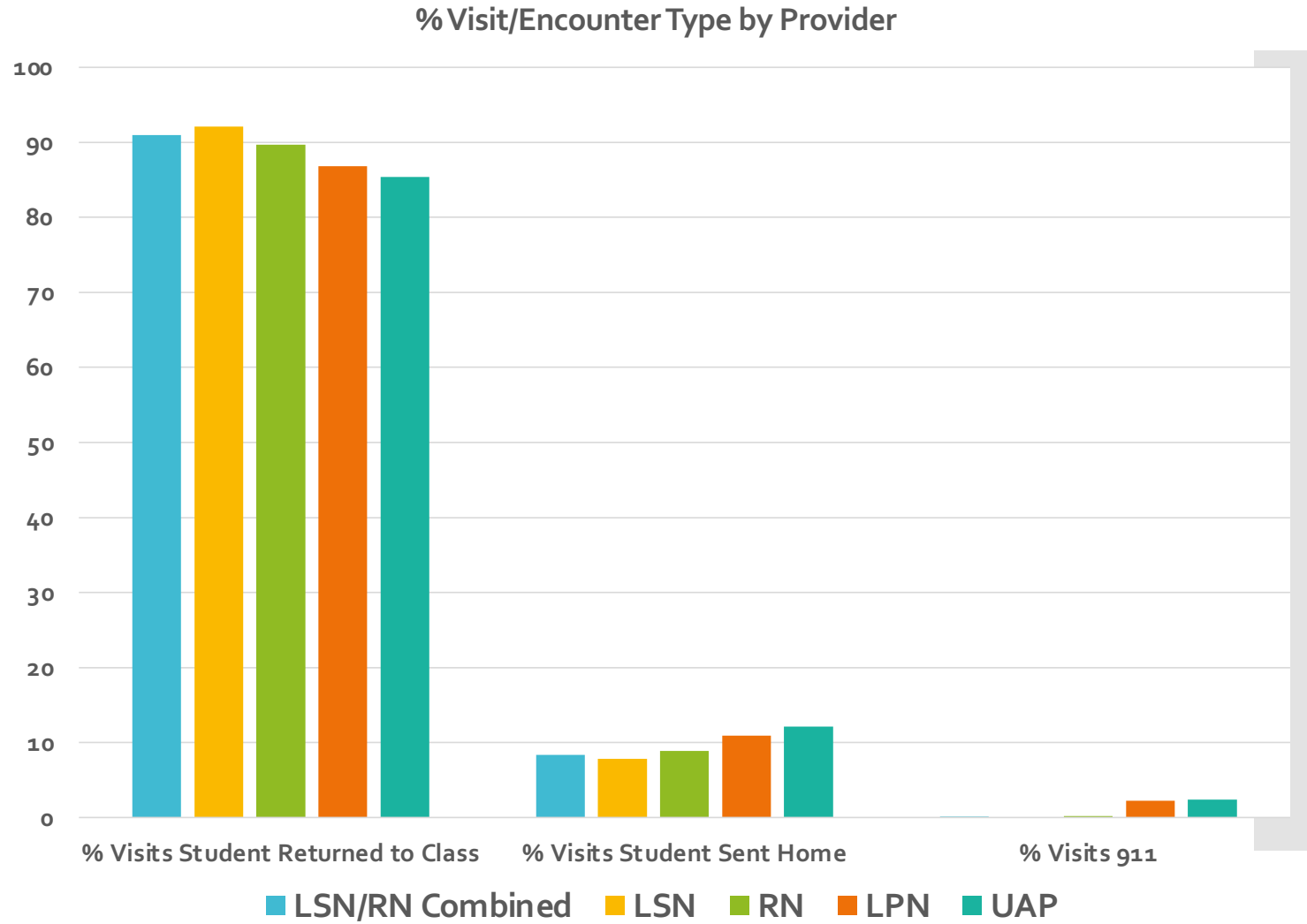


## Health Office Visit Dispositions Participation Demographics (2018-2023)

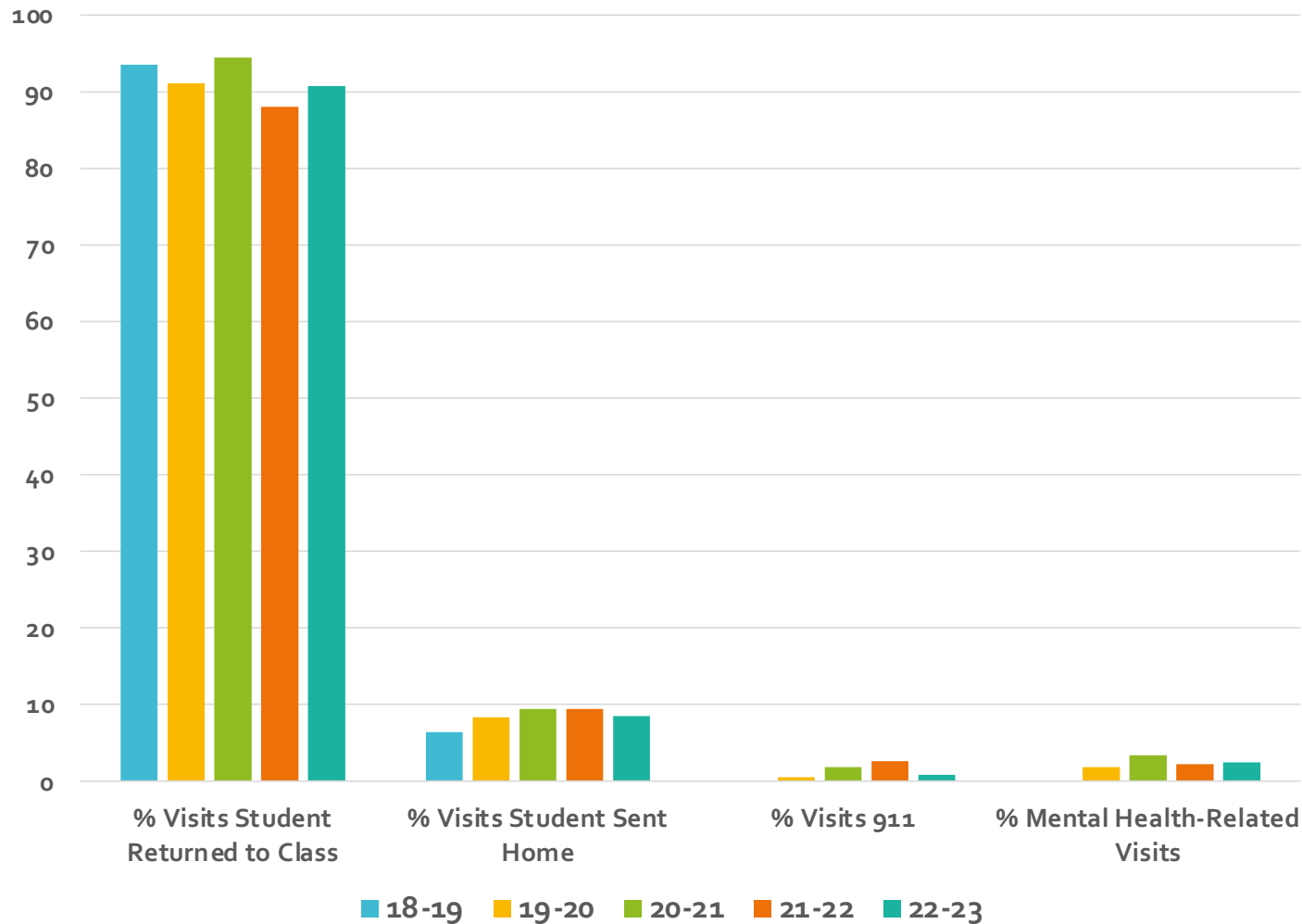
# Total Number of Health Office Visits Regardless of Disposition (2018-2023)



Health Office  
Visit  
Dispositions  
% by Provider  
Average  
2018-2023



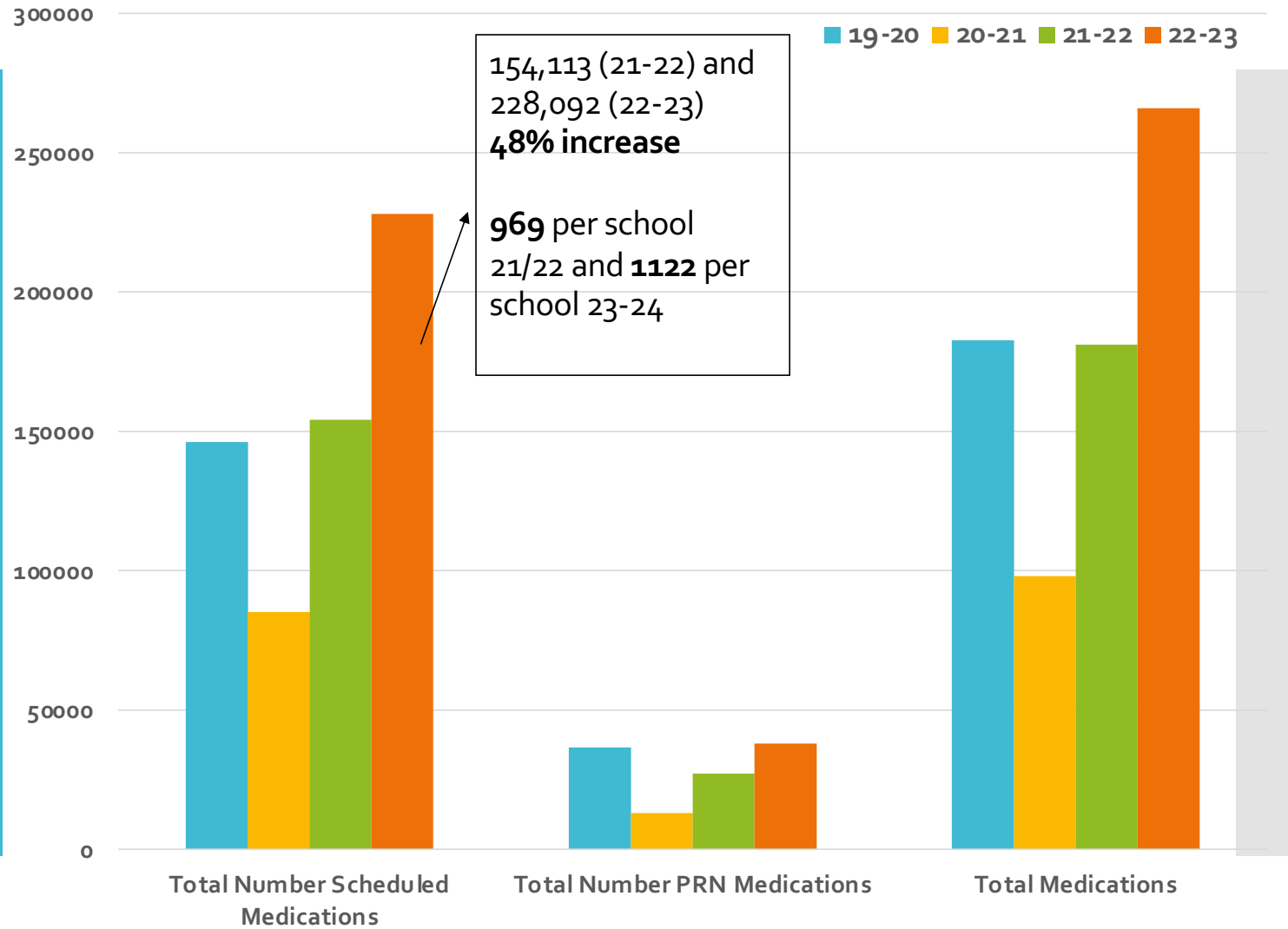
% Visit/Encounter Type Overall Vists



Who Went  
Where?

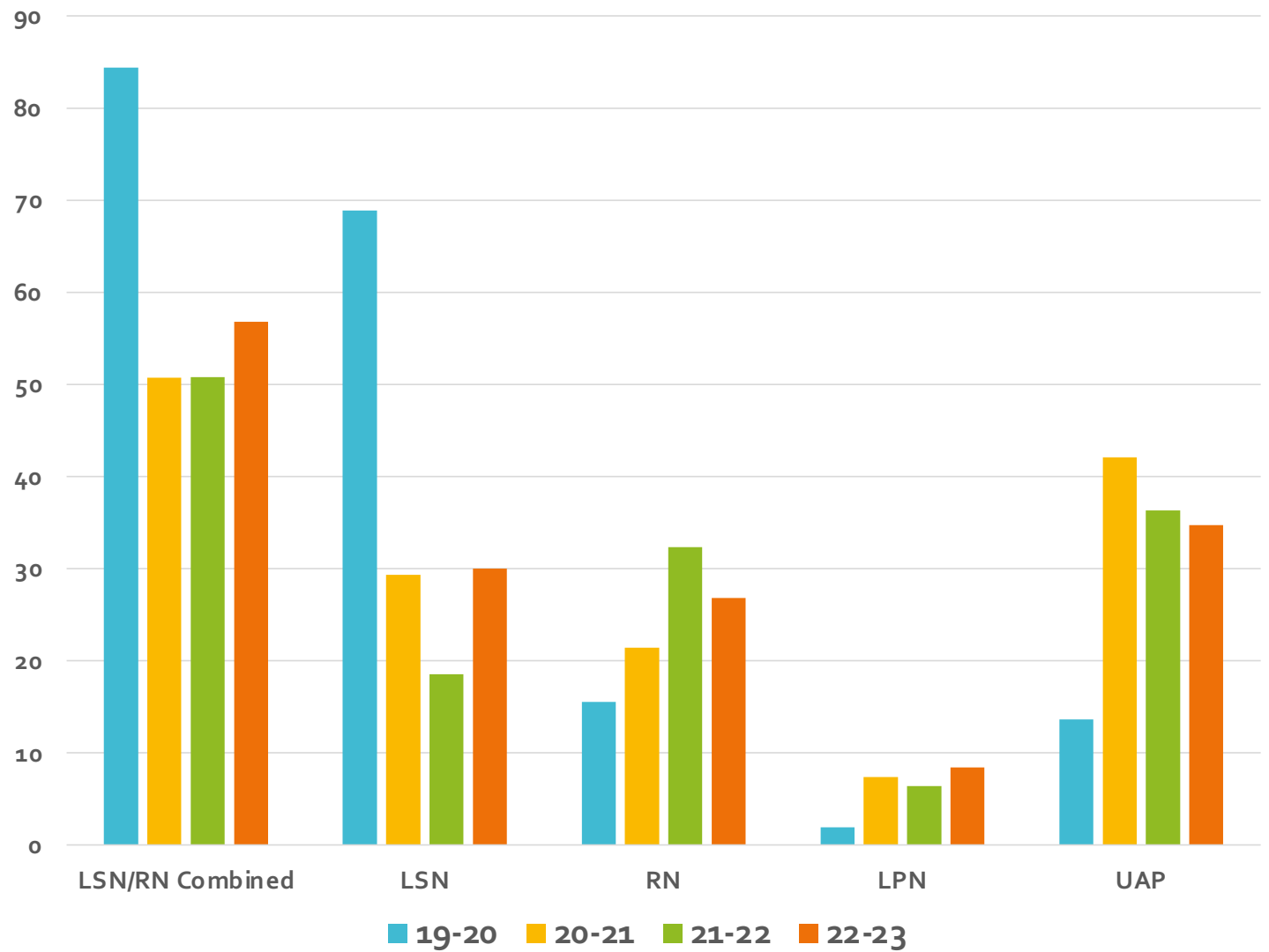
Health Office  
Visits % by  
Dispositions  
(2018-2023)

# Total Number of Medications (2019-2023)

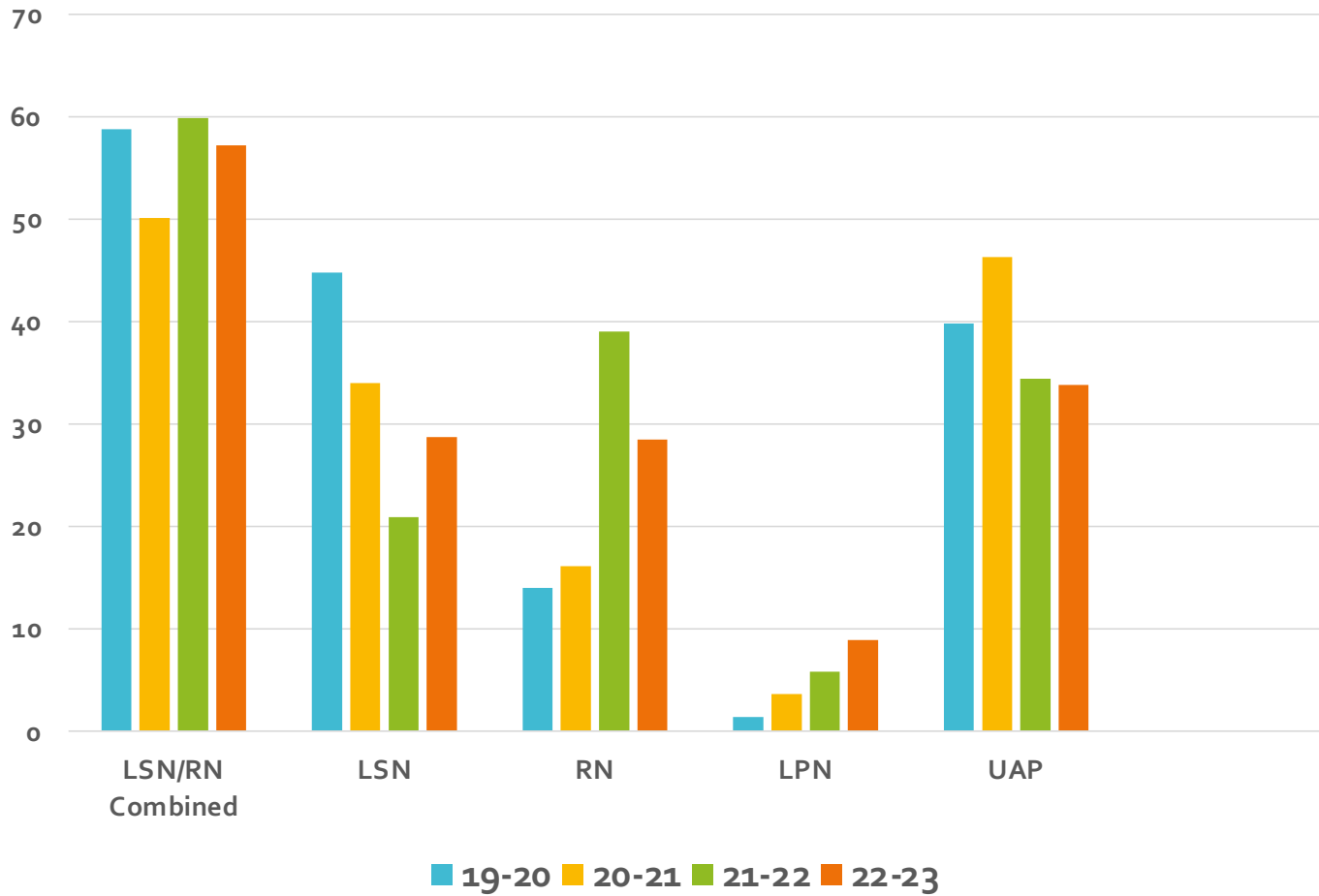




# % SCHEDULED Medication Administration by Provider (2019-2023)



% As Needed (PRN) Medication Administered by Provider



**% PRN**  
Medication  
Administration  
by Provider

**Data  
Submission  
Window:  
May 1-June  
30\***

## **Submission: Look for link on the OASN website**

- You will also receive an email through the NASN/OASN community email

- Staffing Survey

1 Report per district

- Chronic Conditions Survey

- Health Visit Dispositions

1 Report per school/clinic

Template forms can be downloaded from the OASN Website

<https://www.oasn.org/ohio-data>

## How Can Data Help Me?



- ❖ Staffing needs
  - ❖ Demonstrate acuity level to your staff
    - paint a picture of your workload
  - ❖ Value/Efficiency to student outcomes
  - ❖ Advocate for change (recess concerns)
  - ❖ Identify at-risk students (chronic absenteeism)
  - ❖ Grant writing
- **What is your story?**

# Linking School Health Data to Educational Data

(Stanislo, 2024)

**Table 1.** Linking School Health Data to Educational Data

Data sets	Data points	Link to student outcomes	Academic indicators
Health office visits	<ul style="list-style-type: none"> <li>Provider</li> <li>Total #</li> <li>Disposition</li> <li>Visit type                             <ul style="list-style-type: none"> <li>Chronic condition care</li> <li>Acute care</li> <li>Mental health</li> <li>Health counseling</li> </ul> </li> <li>Visit volume (time of day)</li> <li>Trends/patterns</li> <li>Sent from lunch, physical education, playground injuries, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Time out of class</li> <li>Attendance</li> <li>SN value/efficiency to student outcomes</li> <li>Funding</li> <li>School staff workload</li> <li>Staff engagement</li> <li>Access to healthcare</li> <li>Child Find</li> </ul>	<ul style="list-style-type: none"> <li>Grades</li> <li>Test scores</li> <li>Graduation rates</li> <li>State report card</li> <li>Attendance</li> <li>Dropout rates</li> <li>Behavior referrals</li> <li>Student engagement</li> <li>Parent/family engagement</li> <li>School climate</li> </ul>
Screenings	<ul style="list-style-type: none"> <li>Type</li> <li>Total #</li> <li>Rescreens</li> <li>Referrals</li> <li>Follow-up</li> </ul>	<ul style="list-style-type: none"> <li>Access to healthcare</li> <li>Access to learning/accommodations</li> <li>Outcomes of referrals                             <ul style="list-style-type: none"> <li># Glasses</li> <li>Hearing aids</li> </ul> </li> <li>SN value/efficiency to student outcomes</li> <li>Funding</li> <li>School staff workload</li> <li>Staff engagement</li> <li>Child Find</li> </ul>	<ul style="list-style-type: none"> <li>Grades</li> <li>Test scores</li> <li>Graduation rates</li> <li>State report card</li> <li>Behavior referrals</li> <li>Student engagement</li> <li>Parent/family engagement</li> </ul>
Care coordination	<ul style="list-style-type: none"> <li>EAP</li> <li>IHP</li> <li>504</li> <li>IEP</li> <li>Evaluations</li> <li>Meetings</li> <li>Communications</li> <li>Medications</li> <li>Treatments</li> <li>Staff training</li> <li>Delegation</li> <li>Supervision</li> </ul>	<ul style="list-style-type: none"> <li>Acuity level</li> <li>Staffing model</li> <li>SN role/scope</li> <li>Access to healthcare</li> <li>Access to learning/accommodations</li> <li>SN value/efficiency to student outcomes</li> <li>Funding</li> <li>School staff workload</li> <li>Staff engagement</li> <li>Child Find</li> </ul>	<ul style="list-style-type: none"> <li>Grades</li> <li>Test scores</li> <li>Graduation rates</li> <li>State report card</li> <li>Attendance</li> <li>Dropout rates</li> <li>Behavior referrals</li> <li>Student engagement</li> <li>Parent/family engagement</li> <li>School climate</li> </ul>
Student health conditions	<ul style="list-style-type: none"> <li>Type</li> <li>Total #                             <ul style="list-style-type: none"> <li>Medications                                     <ul style="list-style-type: none"> <li>Route</li> <li>Timing (daily/PRN)</li> </ul> </li> <li>Chronic absenteeism</li> <li>Staff training</li> <li>Staff responsibilities/expectations</li> <li>Episodes of emergency care</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Acuity level</li> <li>Staffing model</li> <li>Access to learning/accommodations</li> <li>Access to healthcare</li> <li>SN value/efficiency to student outcomes</li> <li>Funding</li> <li>School staff workload</li> <li>Staff engagement</li> <li>Child Find</li> </ul>	<ul style="list-style-type: none"> <li>Grades</li> <li>Test scores</li> <li>Graduation rates</li> <li>State report card</li> <li>Attendance</li> <li>Dropout rates</li> <li>Behavior referrals</li> <li>Student engagement</li> <li>Parent/family engagement</li> <li>School climate</li> </ul>
Evaluations	<ul style="list-style-type: none"> <li>ETR (504/IEP)</li> <li>Child abuse</li> <li>Home visits</li> <li>SDOH</li> <li>Substance abuse</li> <li>Self-injury</li> </ul>	<ul style="list-style-type: none"> <li>SN role/scope</li> <li>MTSS integration</li> <li>Safety planning/response</li> <li>SN value/efficiency to student outcomes</li> <li>Access to learning/accommodations</li> <li>Child Find</li> <li>Access to healthcare</li> <li>Access to community resources</li> </ul>	<ul style="list-style-type: none"> <li>Grades</li> <li>Test scores</li> <li>Graduation rates</li> <li>State report card</li> <li>Attendance</li> <li>Dropout rates</li> <li>Behavior referrals</li> <li>Student engagement</li> <li>Parent/family engagement</li> <li>School climate</li> </ul>
Surveillance	<ul style="list-style-type: none"> <li>Immunizations</li> <li>Time out of school for exclusion</li> <li>Disease/symptom tracking</li> <li>Time out of school for isolation/outbreak</li> <li>Chronic absenteeism</li> <li>Surveillance by health condition and symptoms (dx and non-dx)</li> </ul>	<ul style="list-style-type: none"> <li>Access to healthcare</li> <li>Access to learning</li> <li>Safety planning/response</li> <li>MTSS</li> <li>Funding</li> <li>School staff workload</li> <li>Staff engagement</li> <li>Child Find</li> </ul>	<ul style="list-style-type: none"> <li>Grades</li> <li>Test scores</li> <li>Graduation rates</li> <li>State report card</li> <li>Attendance</li> <li>Dropout rates</li> <li>Behavior referrals</li> <li>Student engagement</li> <li>Parent/family engagement</li> <li>School climate</li> </ul>

Note. SN = school nurse; EAP = emergency action plan; IHP = individualized healthcare plan; IEP = individualized education plan; ETR = evaluation team report; SDOH = social determinants of health; MTSS = multi-tiered systems of support; dx = diagnosis.

# How Can I Share My Data?

➤ <https://www.canva.com/education/>

➤ Clinic Summary Template

1. "Use Template for New Design"
2. Colors
3. Charts
4. What is important to your story?

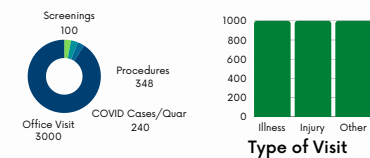
## CLINIC NAME

YEAR

# TOTAL CLINIC VISITS

\* all requiring documentation

### BREAKDOWN

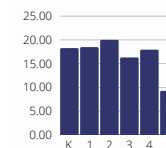


### OUTCOMES



PARENT/GUARDIAN CONTACTED  
# TIMES

### % BREAKDOWN BY GRADE



ICE GIVEN  
# TIMES

### MISC DATA POINTS

- # = student with a daily medication
- # = students with life-threatening food allergy
- # = students with Epipens at school
- # = students with history of asthma
- # = students with rescue inhaler at school
- # = students with other documented medical conditions requiring emergency medication or special procedures

# Canva's Online PDF Editor

➤ <https://www.canva.com/pdf-editor>

➤ Upload your Design



Data submitted for  
2021-2022 school year



## Description & Participation in Every Student Counts!

Every Student Counts! is a national data initiative to advance student health through data. The focus of the program is strengthening school nurses' ability to collect and use data to direct personal practice, as well as to advocate for students. All school nurses are invited to participate. Due to the fact that each data point had a different response rate, and the variance in state participation, **data are not generalizable**.

**Who Participated?** Describe what entities are included in the data below, individual school(s), district(s) or a state.

**Our Workforce** Describe your workforce and how it compares to the national workforce.

## Students Diagnosed with Chronic Conditions

Our Data	National Statistics
Asthma	51.86/1000
Diabetes	
Type 1: /1000	Type 1: 2.77 /1000
Type 2: /1000	Type 2: 0.46 /1000
Seizure Disorder	6.44/1000
Life Threatening Allergy	18.77/1000
Myalgic Encephalomyelitis/Chronic Fatigue Syndrome	.03/1000

## Health Office Visit Outcomes\*

Our Data	National Statistics
Students seen Describe your health visit outcome.	<b>Students seen by RN</b> <b>86.88%</b> back to class <b>0.09%</b> 911 call <b>13.03%</b> sent home or/for medical care
	<b>Students seen by LPN</b> <b>85.81%</b> back to class <b>0.08%</b> 911 call <b>14.11%</b> sent home or/for medical care
	<b>Students seen by Aide</b> <b>84.5%</b> back to class <b>0.39%</b> 911 call <b>15.11%</b> sent home or/for medical care

\*Visits were not equal among professionals.

To learn more about Every Student Counts! including data point definitions and tiers, go to [nasn.org/everystudentcounts](https://nasn.org/everystudentcounts) or email [data@nasn.org](mailto:data@nasn.org)

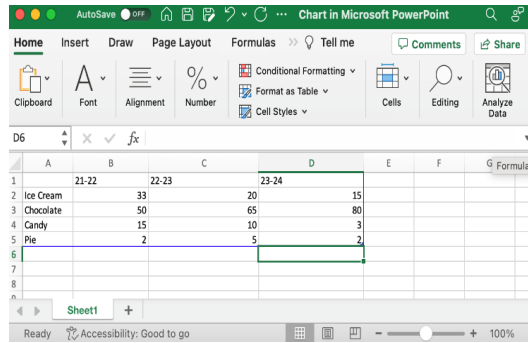
1.



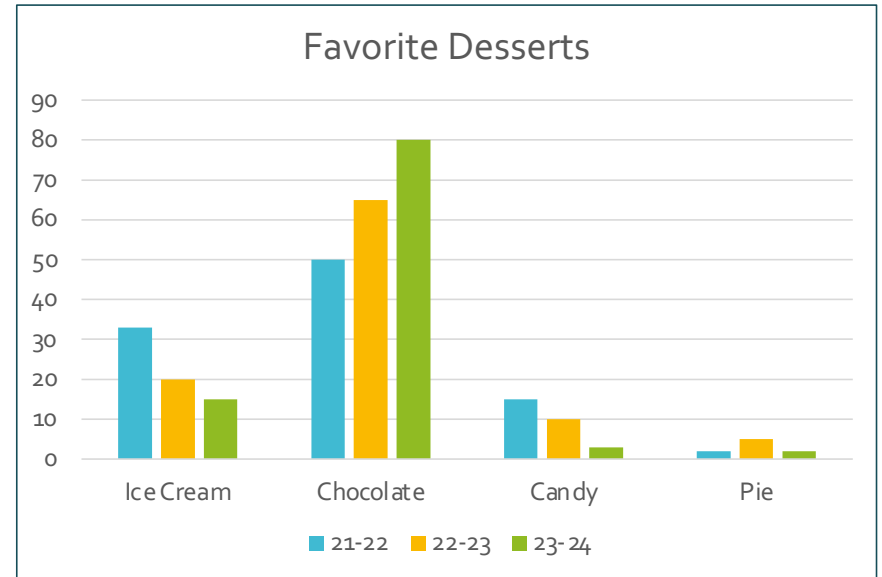
2.

- Column
- Line
- Pie
- Hierarchy
- Statistical
- X Y (Scatter)
- Waterfall
- Combo
- Maps

3.



## Final Result



# Creating Graphics in PowerPoint



Other  
Resources to  
Create Visual  
Representations  
of Your Data

- <https://slidesgo.com/>
- <https://www.smartdraw.com/>
- <https://visme.co/>
- <https://adobe.com/express/>



Start where you are.

Use what you have.

Do what you can.

Arthur Ashe -

OHIO's story is not over...  
National Data

Moral of  
the Story...

YOU make a  
difference

YOUR story matters

# NASN Data Initiatives

## *Every Student Counts!*

## Clinical Practice Guidelines and Implementation Toolkits

- Type 1 Diabetes
- Seizure and Epilepsy
- Allergies and Anaphylaxis
- Asthma (coming May/June 2024)

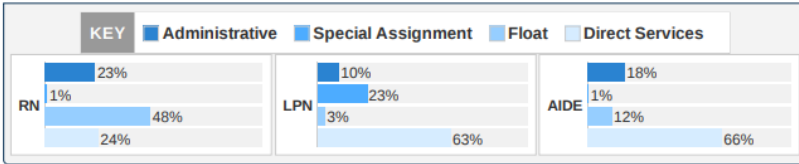
## Grant-funded Projects: NASN + Ohio

- Helmsley Grant
- PCORI Grant

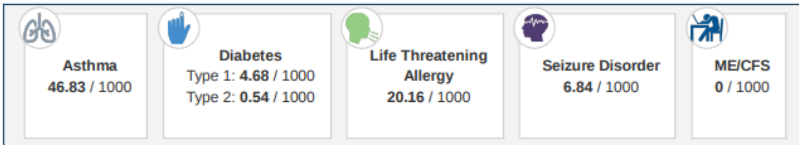
## Why Does This Matter to Me? Ohio?

- Using DATA provides context and connections to administrators
- Data provides your VOICE at the table
- Ohio's use of data...

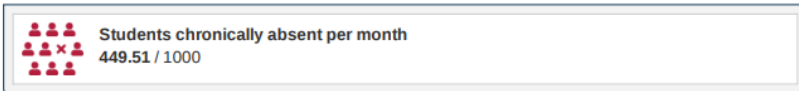
## Workforce



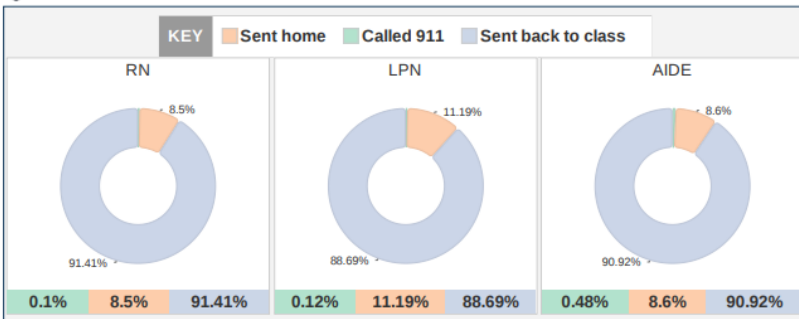
## Chronic Conditions



## Absenteeism



## Health Office Visits

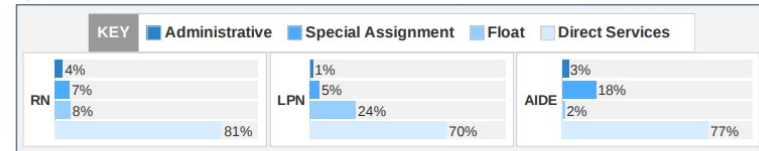


# Ohio 22-23

# National 22-23

## Workforce

( 21 states represented )



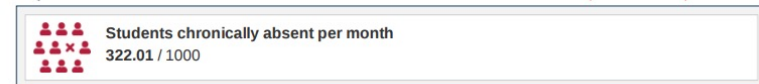
## Chronic Conditions

( 24 states represented )



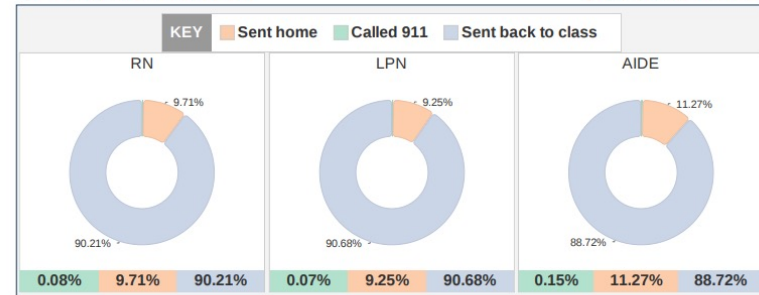
## Absenteeism

( 13 states represented )



## Health Office Visits

( 19 states represented )



To learn more about Every Student Counts! including data point definitions and tiers, go to [nasn.org/nasn/research/everystudentcounts](https://nasn.org/nasn/research/everystudentcounts) or email [data@nasn.org](mailto:data@nasn.org)

# What About the Other Data?

## Workforce Demographics

### Workforce

Domain/Factor	Ohio	National Public Schools	National All Schools
Student Population	144,799	11,349,158	11,372,827
Chronically Absent Students (per 1000)	261.79	322.79	322.01
Students with Chronic Health Conditions (per 1000)	48.39	88.97	89.01
Free and Reduced Lunch	46.15% Unknown Poverty	25.64% Unknown Poverty	25.61% Unknown Poverty
English Learners	7.5% Unknown	4.26% Unknown	4.25% Unknown
TOTAL NURSING FTE • RN • LPN/LVN • Health Aide	0 total 0 RN 0 LPN/LVN 0 Aide	15,858.28 total 10,932.05 RN 2,169.5 LPN/LVN 2,756.73 Aide	15,942.28 total 11,005.05 RN 2,170.5 LPN/LVN 2,766.73 Aide
National School Nurse Certified	0	1,227	1,228
State School Nurse Certified	0	4,534	4,537
Nursing Education: Doctoral Degree	0	83	83
Nursing Education: Master's Degree	0	2,246	2,253
Nursing Education: Bachelor's Degree	0	8,587	8,614
Associate Degree	0	4,234	4,245



# Models of Care



## Models of Practice

Domain/Factor	Ohio	National Public Schools	National All Schools
RN provides direct care to students on a daily basis (one nurse in one building)	4	122	124
RN provides direct care to students on a daily basis with the assistance of an LPN or UAP (in one building)	11	59	60
RN provides direct care to students on a daily basis (one nurse covering more than one building with no health clerk, aide, secretary, or UAP covering when RN not present)	5	20	21
RN oversees one or more LPNs as a team to provide care (one nurse covering more than one building)	6	28	28
RN oversees health clerks or aides who work in the health office(s) (one nurse covering more than one building)	0	43	44
RN trains unlicensed personnel (including secretaries) to perform routine procedures needed in the schools (one nurse covering more than one building)	18	78	79
Advance Practice/Nurse Practitioner works with RN	0	3	3
Other (please specify)	0	13	14

# Ohio *ESC!* The Bigger Picture

- Future *ESC!* expansion
- NASN grant-funded project data points
- Model for other states
  - Process
  - Data points

*OHIO school nurses are leading the way*

# Updated School Nursing Practice Framework



# Data: Clinical Practice Guidelines and Toolkits

## STUDENTS WITH SEIZURES AND EPILEPSY – DATA COLLECTION TOOL

Seizure / Epilepsy HCP	# of Students	# SAP/ECP on File	# IHP	# 504	#IEP	# of students chronically absent
Absence						
Atonic and Tonic						
Generalized Tonic-clonic						
Myoclonic Seizures						
Focal Aware						
Focal Impaired						
Other						

### Emergency Medication / Treatment

# students w diazepam rectal gel	
# students w midazolam nasal spray	
# students w diazepam nasal spray	
# students w magnet for VNS	
# students w Self-carry - VNS magnet	
#SN spot check for VNS magnet self-carry	Student prepared
	Student NOT prepared
	# SN re-enforcement provided

### Seizure management

# students with seizure event at school	
Total # seizure events at school	
# students with 1st time seizure at school	
# students requiring administration of seizure rescue medication	
Disposition following seizure event	EMS/911
	Home
	RTC
Admin of Emergency Medication	RN
	LPN/LVN
	UAP
	Office staff
	Teacher
	Other

Students with Seizures and Epilepsy CPG Implementation Toolkit | 2023 [www.nasn.org](http://www.nasn.org)



## ALLERGY & ANAPHYLAXIS CPG DATA POINTS TOOL

Allergy (Life-Threatening) HCP	# of Students	# EAPs on file	# IHP	# 504	#IEP	# of students chronically absent
Food						
Stinging insect						
Latex						
Other						

### Emergency Medication

# Students with antihistamine	
# Students with EAI	
# Students with self-carry	
#SN spot check for EAI self-carry	Student prepared
	Student NOT prepared
	# SN reinforcement provided

### Allergic Reaction Management

# Students with allergic reaction at school	
Total # allergic reactions at school	
# students with first-time reaction symptoms at school	
# students with allergic reaction to known allergy at school	
# students requiring administration of EAI	Student EAI
	Stock EAI
# students requiring administration of antihistamine	
Disposition following allergic reaction	EMS/911
	Home
	RTC
Administration of EAI	RN
	LPN/LVN
	UAP

## INDIVIDUALIZED HEALTHCARE PLAN (IHP) SEIZURES/EPILEPSY

STUDENT NAME: _____		DOB: _____	
Student Address: Home Phone: Parent/Guardian: Day/Work Phone: Healthcare Provider: Provider Phone: IHP Written By:	School: Teacher/Counselor: Grade: IHP Date: IEP Date: Review Date(s): ICD-9 Codes:		
Parental/Guardian statement: <i>I/We have read this plan and agree to its implementation.</i>			
Signature(s): _____		Date: _____	

Assessment Data	Nursing Diagnosis	Goals	Nursing Interventions	Expected Outcome
Sample student has been diagnosed with Tonic-clonic seizures.	Risk for ineffective airway clearance among students with seizures and epilepsy, as evidenced by accumulation of secretions during seizure.	Student will receive evidence-based first aid and seizure management by trained individuals.	<ul style="list-style-type: none"> <li>▪ Obtain and follow students Seizure Action Plan or Emergency Care Plan. Position the student on their side after seizure activity.</li> <li>▪ Monitor the student's airway.</li> <li>▪ Assess for any signs of aspiration such as dyspnea, cough, cyanosis, wheezing, hoarseness.</li> </ul>	Student will maintain patent airway and clear lungs sounds.
Sample student often experiences an aura prior to onset of tonic-clonic seizure.	Risk for Injury from fall or during seizure event.	If the student has the presence of an aura (focal aware seizure), student will demonstrate safety measures prior to the onset of the next seizure.  Provide safety and manage privacy/dignity (as much as possible.)	<ul style="list-style-type: none"> <li>▪ Provide seizure first aid training to school personnel to reduce the risk of injuries.</li> <li>▪ Administer emergency medications as directed.</li> <li>▪ Monitor vital signs.</li> </ul>	Remain free from injury while experiencing a seizure in the school setting.  Increased self-advocacy and self-management of seizures and epilepsy.

### EMERGENCY ACTION OR CARE PLAN TEMPLATE

Student's Name: _____	Date of Birth: _____
Medical Diagnosis: _____	
Allergies: _____	Grade: _____ School Year: _____
Grade/Teacher: _____	Date of Plan: _____
<b>Emergency Contact Information</b>	
Parent/Guardian 1: _____	Email Address: _____
Home Phone: _____	Work Phone: _____ Mobile: _____
Parent/Guardian 2: _____	Email Address: _____
Home Phone: _____	Work Phone: _____ Mobile: _____
Healthcare Provider: _____	Phone: _____
School Nurse: _____	Phone: _____
If the student exhibits any of the following: _____ _____ _____	
*** NOTE: Never leave the student alone or send anywhere alone or with another student	
Take the following emergency actions for all seizures: <ul style="list-style-type: none"> <li>▪ Notify the school nurse</li> <li>▪ Call 911 if student is seizure last more than 5 minutes or if student has repeat seizures lasting more than 10 minutes with no recovery between the seizures. Call 911 if the seizure happens in water or if the student is pregnant or sustained an injury during the seizure</li> <li>▪ Call parents/guardians</li> </ul>	
Additionally you should also consider taking the following steps: _____ _____ _____	
Reviewed with: _____	Date: _____
Signature of school personnel: _____	
Signature of school nurse: _____	

# PCORI

## EVIDENCE IMPLEMENTATION GUIDANCE



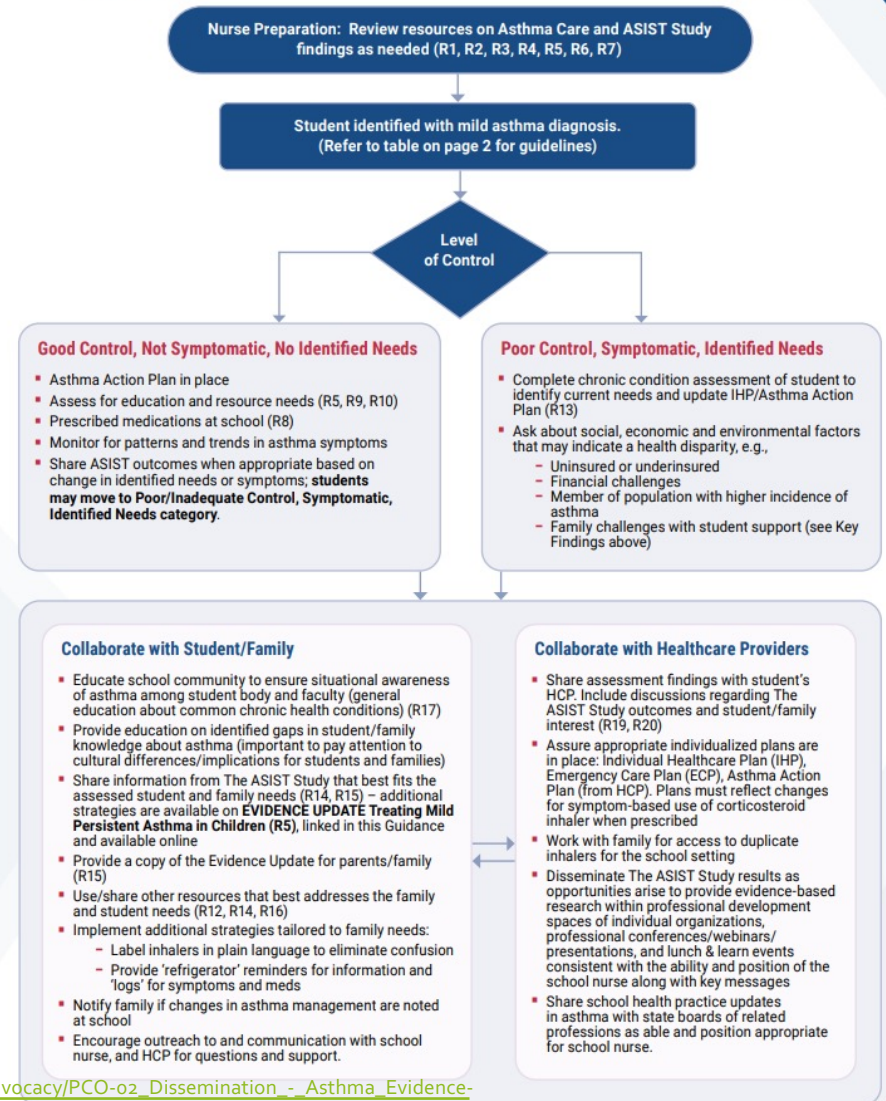
National  
Association of  
School Nurses

### PCORI Symptom-based Adjustment of Inhaled Steroid Therapy Study (The ASIST Study) for Mild Asthma: School Nurse Implementation Guidance

# Ohio as a pilot state

[https://higherlogicdownload.s3.amazonaws.com/NASN/8575d1b7-94ad-45ab-808e-d45019cc5c08/UploadedImages/PDFs/Advocacy/PCO-02\\_Dissemination\\_-\\_Asthma\\_Evidence-NASN\\_PCORI\\_Evidence\\_Implementation\\_Guidance\\_for\\_the\\_School\\_Nurse-02-2024.pdf](https://higherlogicdownload.s3.amazonaws.com/NASN/8575d1b7-94ad-45ab-808e-d45019cc5c08/UploadedImages/PDFs/Advocacy/PCO-02_Dissemination_-_Asthma_Evidence-NASN_PCORI_Evidence_Implementation_Guidance_for_the_School_Nurse-02-2024.pdf)

#### Guidance: The School Nurse Role in Implementation and Dissemination of The ASIST Study Results



# NASN's Advancing Health Equity for Students With Asthma CoP

COMMUNITY HOME

<https://www.nasn.org/community-home?CommunityKey=958f3b4f-9b11-4a90-a0c3-018daf4f1934>

Community Home

Discussion **3**

Library **11**

Blogs **0**

Events **0**

Members **27**

## Join This Online Community

BY: [DEBORAH D'SOUZA-VAZIRANI, DRPH](#), ONE MONTH AGO

NASN invites school nurses from FL, GA, NC & OH to join this online community. In this community, you will learn about new School Nurse Implementation Guidance based on PCORI's - The ASIST Study, results for children with mild asthma.

*To join this community, LOGIN and then you will see a JOIN COMMUNITY button above.*

## ANNOUNCEMENTS

### Community of Practice Meetings

BY: [DEBORAH D'SOUZA-VAZIRANI, DRPH](#), 26 DAYS AGO

**Thursday, March 21, 2024 Meeting: 3:30 PM - 4:30 PM Eastern**

**[Click this link to join the March 21st meeting.](#)**

Jeanie M. Bochenek, DNP, RN, LSN, NCSN, EBP-C, an Ohio school nurse, will be leading the discussion. Jeanie is currently a Clinical Assistant Professor in the School Nurse Certificate Program at Ohio State University. She has over 10 years of experience as a school nurse in multiple school districts in Ohio and has supervised her school nurse students for 17 years. Her doctoral work focused on implementing school based self-management asthma education at Dayton Public Schools as a way to improve childhood asthma control scores in the elementary school population.

[NOTE: SAVE the DATE: Future meetings are planned for Thursday, April 11, 2024 & Thursday, April 25, 2024, 3:30 PM - 4:30 PM Eastern]

**Past Meeting: March 7, 2024 Meeting**

New guidance regarding PCORI's The ASIST Study

Recording and Slides: Located in the library of this community.

# Are you signed up?

# Providing Coordinated Care and Capturing Outcomes for Students with T1D: School Nurse-led Pilot Project

The Leona M. & Harry B. Helmsley  
Charitable Trust Grant #2302-06680

## Purpose

- Implement an evidence-based curriculum regarding care for students with T1D
- Implement a school nurse led active surveillance process to identify and provide evidence-base care to students with T1D based on this curriculum
- Collect data regarding student health and academic outcomes based on this process
- Evaluate the effectiveness of the curriculum and process



# Strategy

- Develop, implement and examine the impact of a comprehensive evidence-based T1D curriculum for school nurses
- Increase SN capacity for T1D data collection and surveillance
- Monitor the impact of T1D curriculum on SN practice and T1D student outcomes

## State Selection Criteria

- Prevalence of T<sub>1</sub>D
- Current engagement level and capacity of SNs with data collection efforts (state/national), and/or
- States with a State School Nurse Consultant
  
- Goal: 3-5 school schools/districts in each state

**OH, MT, ME, AZ**

# Pilot Site Selection Criteria

- RN school nurse
- At least 3 students w T1D in identified school (ideally over 5)
- Geographical/SES diversity
- Method of documentation for T1D care (ideally EHR, but not required)
  
- Goal: diversity based upon varied levels of urbanicity, experience with data collection efforts regarding T1D, and student access to health care services

## Expectation of Pilot Site Nurses

- Participation/completion of T1D national curriculum
- Participation/completion of T1D state curriculum
- Assessment of current school policies and procedures related to T1D care
- Collect school demographics
- Implement the School-Nurse Led T1D Active Surveillance Process
- Monthly data collection/submission regarding T1D care
- Participate in yearly project evaluation

# Benefits of Participation

- Access to NASN's new T1D evidence-based school nurse curriculum
- 1:1 project-based technical assistance to support your care of students w/T1D
- \$2000 honorarium at the end of each school year of project

Interested?

## For More Information and Questions:

- Please complete the following [School Nurse Interest Form](#)



- Contact Dr. Kimberly Stanislo (project PI) [kstanislo@nasn.org](mailto:kstanislo@nasn.org)

This study has been reviewed by an institutional review board (IRB), which is a committee that has reviewed this research study to help ensure that your rights and welfare as a research participant are protected and that the research study is carried out in an ethical manner.

Every Student Counts Website  
<https://www.oasn.org/ohio-data>

The NASN Website – Every Student Counts  
<https://www.nasn.org/research/everystudentcounts>

Email:

Janice Walsh, Ohio Data Coordinator  
[janicelwalsh69@gmail.com](mailto:janicelwalsh69@gmail.com)

[data@nasn.org](mailto:data@nasn.org)



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National Association of School Nurses. (n.d.). The National School Health Data Set: Every Student Counts! [https://higherlogicdownload.s3.amazonaws.com/NASN/8575d1b7-94ad-45ab-808e-d45019cc5c08/UploadedImages/PDFs/Research/ESC\\_Vision.pdf](https://higherlogicdownload.s3.amazonaws.com/NASN/8575d1b7-94ad-45ab-808e-d45019cc5c08/UploadedImages/PDFs/Research/ESC_Vision.pdf)

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