

Nursing staff across most Connecticut school districts provided several insights into the status of health services in Connecticut districts, as indicated by the quantitative survey results and qualitative comments' breadth. The CSDE and EdAdvance staff examined data resulting from the seventeenth year of survey administration. That examination resulted in the following conclusions regarding school health services in Connecticut:

- Responses across all categories were significantly lower when compared to previous years. This was the result of the virtual and hybrid learning models used across the state for much of the 2020-2021 school year.
- The effects of the Covid pandemic made data reporting in 2020-2021 difficult. While there was a slight increase in the number of schools that completed the survey, any comparison to previous year's data should be made with this fact in mind.
- There were 1,526 diagnosed concussions in 2020-2021. This number was significantly lower than the previous year (3,975).

Girls and boys soccer accounted for the largest number of diagnosed concussions occurring in interscholastic sports

Demographics

Table 1: District Type

Type of District	Number of Districts Responding	Percent
Urban	20	14.3%
Suburban	70	50.0%
Rural	50	35.7%

Table 2: District Type

Type of School District	Number of Districts Responding	Percent
Public School District	133	95.0%
Charter School	3	2.1%
Regional Educational Service Center	4	2.9%

Concussion Evaluation

Across all districts, survey participants reported that there were **1,526** diagnosed concussions during the 2020-2021 school year. The number of FEMALE vs. MALE students diagnosed with a concussion by grade level during the school year is detailed in the table below:

Table 3: Students Diagnosed with Concussion

Grade	Female	Male	Total
Pre-Kindergarten	2	3	5
Kindergarten	9	18	27
1st Grade	20	14	34
2nd Grade	10	17	27
3rd Grade	17	32	49
4th Grade	26	43	69
5th Grade	37	50	87
6th Grade	57	52	109
7th Grade	65	68	133
8th Grade	89	83	172
9th Grade	90	49	139
10th Grade	126	93	219
11th Grade	150	79	229
12th Grade	128	73	201

Of the diagnosed concussions that occurred during the 2020-2021 school year, the number of occurrences in reporting districts during the categories listed below:

Table 4: Diagnosed Concussions by Activity

Category	Concussions
Outside of school – Other	553
School Athletics - Interscholastic	301
Non-School Sports Related (i.e. Local Town Recreational Sports)	296
Don't Know	95
Other	73
School Recess	70
School Athletics - Intramural	44
Physical Education Class	37
Any Other School Sponsored Activities	32

Of all diagnosed concussions that occurred during school-related sports events, occurrences are broken out by each school sport below.

Table 5: Diagnosed Concussions by Sport

Sport	Concussions
Other	130
Girls Soccer	99
Boys Soccer	61
Ice Hockey	54
Girls Lacrosse	37
Football	36
Boys Lacrosse	33
Baseball	29
Girls Volleyball	27
Boys Basketball	25
Girls Basketball	24
Cheerleading	23
Field Hockey	23
Softball	22
Track and Field	13
Dance Team	11
Swimming and Diving	10
Rugby	9
Wrestling	7
Boys Volleyball	0

Of student diagnosed with concussions during the 2020-2021 school year, the accommodations below were provided for the following number of students.

Table 6: Students Requiring Accommodations

Accommodation	Students
Physical Activity Accommodations	1098
Academic Accommodations	977
Individual Health Care Plan	368
No accommodations required	133
Section 504 Plan	129
Homebound Instruction	24

Of diagnosed concussions during the 2020-2021 school year, the AVERAGE length of time (in days) that accommodations were needed.

Table 7: Average Length of Time for Accommodations

Accommodation	Average Days
Section 504 Plan	16.0
Physical Activity Accommodations	13.7
Academic Accommodations	12.3
Individual Health Care Plan	8.7
Homebound Instruction	1.9
Not Known	0.2

The number of students (if known) who missed school days due to diagnosed concussions during the 2020-2021 school year.

Table 8: Students Missing School Days Due to a Diagnosed Concussion

Category	Students Missing Days
Less than 5 school days	1013
5-10 school days	174
11-15 school days	52
16-20 school days	14
21-60 school days	11
61-120 school days	8
Greater than 120 school days	4
Unknown	70