

School Committee Meeting

May 11, 2017

APS Nursing Dept. report

Susan Franchi, DNP, CNP

Power Point attached with Agenda

STATISTICS:

There have been to be 51,774 nursing encounters and meetings thus far in the 9 schools this year. A handful of these encounters include Menotomy Preschool and visits to the Millbrook program on Academy Street. Please note that Millbrook in the latter part of this report.

Hardy has done wonderfully in decreasing their student encounters in the nurses office due to the collaboration of Cara Dalton, the Hardy Nurse, Deb Bermudes, OT and Alison Cox, SW with the encouragement of the Principal, Kristin DeFrancisco. They worked closely on Mindfulness programs with tremendous results.

Hardy had 3785 encounters last year and is projected to have 1530 this year, a statistically significant decrease.

Ottoson had 8326 student encounters and is projected to have 9109 this year. The majority of this change is due to students with diabetes.

	Encounters to date:	Projected until 6/13/17
Injury	8,510	9786
Illnesses	17,844	20520
Management	5,634	6479
Other	19,786	22,753
Total	51,774	59,538

Other category includes minor illness that are categorized differently as "problem" but should be under illness, clothing and eye glass repairs, GYN related issues, splinters, etc.. Ottoson and Thompson, greatest number of encounters by far.

Medications:

	2016	2017	2017 Projected
Med administrations:	11635		13350
Insulin administrations	2074		2917
Epinephrine administrations	2	4	

- Med. Administrations are scheduled only and do not include as needed (PRN) medications such as Ibuprofen, Benedryl, etc.
- Insulin administrations include both scheduled and PRN.
- **911 calls** have been halved this year. This seems to be related to a decrease in mental health or behavioral encounters or issues within the schools.

EPI-PENS:

We currently get free epi pens from Mylan through a company grant. This is foreseeably going to be discontinued. We did have to buy generic epi-pens this year due to the Mylan Recall. Discussion on Epi-Pens in school per the Mass. Medical Society-see slide.

DEFIBRILLATORS:

Defibrillators (AED's) in all schools enacted Jan. 2017. We are all set with this in regard to our district. See Slide.

More information: <https://malegislature.gov/Bills/189/S2449>

SBIRT:

(Screening, Brief Intervention, Referral for Treatment)

CRAFFT screening tool

Next year requirement by state, two grade levels. We have picked the recommended grade levels of 7th and 10th. We piloted the 7th grade this year with the cooperation of Phys. Ed and the Vice Principals. This takes at least two weeks, each screening lasting a minimum of 5 minutes for assessment and education. Ivy Laplante from the AYSHC was instrumental in the coordination of efforts and it went extremely well. Low probability of concern equated to low rate of positive screening.

For more information: <http://www.ceasar-boston.org/CRAFFT/index.php>

FIELD TRIPS:

APS has to send a nurse on field trips with students who have serious medical conditions requiring assessment and possible medical treatment or medications. Our students with medical conditions have been increasing yearly. If a parent of that child attends the field trip, then the nurse is not required. There have been numerous field trips requiring a nurse due to the increase in students with diabetes this year and parents who are not attending said field trips. The cost of a nurse ranges from \$150 to \$350/trip depending on whether we can procure a Per diem nurse or an agency nurse. Our department has been thus far absorbing the costs.

ICC GRANT:

Lauren Connors ICC nurse focusing on students with Diabetes. Student with diabetes (DM), type I went from 9 at the beginning of this academic year to 16 currently. Next year is projected to be the same, if not more. Lauren shared our statistics with DPH at a meeting this April and they want us to publish our progress.

Our Continuous Quality Improvement survey reveals that these students need to come to the nurse's office less frequently, keeping them in class. It also reveals that their absences are rarely related to their diagnosis, unless they are newly diagnosed.

We have iPads in all of the nurses offices to allow for monitoring of blood glucose levels for those students with continuous glucose monitors (CGM's). Only one brand is FDA approved. Only issue was with WI-FI, but we always have back up plans so no student with DM is at risk.

MILLBROOK:

Nurses made multiple trips to Millbrook, on Academy Street, to assess students and/or give medications (to include daily and PRN's). This can put a tremendous strain on the department and a protocol will need to be in place to support nursing office during these trips. Example: Ottoson to Millbrook student needing daily medication around noon-time, same time that the students with diabetes come into the nurses office. Had to utilize per diem nurses as well as myself on days with limited nursing coverage.

Small Details to Note:

- This year we have been fortunate enough to have a robust per-diem staff. This can be unpredictable, given the low pay compared to hospital per-diem nursing salaries.
- New Hires this year have been doing wonderfully this year. (Which has made it one of the best years in the department in my opinion).
- Many of the nurses on staff are continuing their graduate level education at various academic institutions.
- DPH Evaluation committee every month this year with Boston University discussing research for next year.
- We are currently overseeing a small grant from DPH for Somerville and are considered their partner school.
- DPH grant covered continuing education for nurses all year, including a Saturday course from Joslin on diabetes in the schools.
- We continue to collaborate with most of the private schools in the district to make sure they are up to date on current DPH guidelines and act as consult.