Government of the District of Columbia
Department of Behavioral Health (DBH)

Saint Elizabeths
SHINING THE LIGHT SINCE 1855

PRISM
Performance Related Information for Staff and Managers
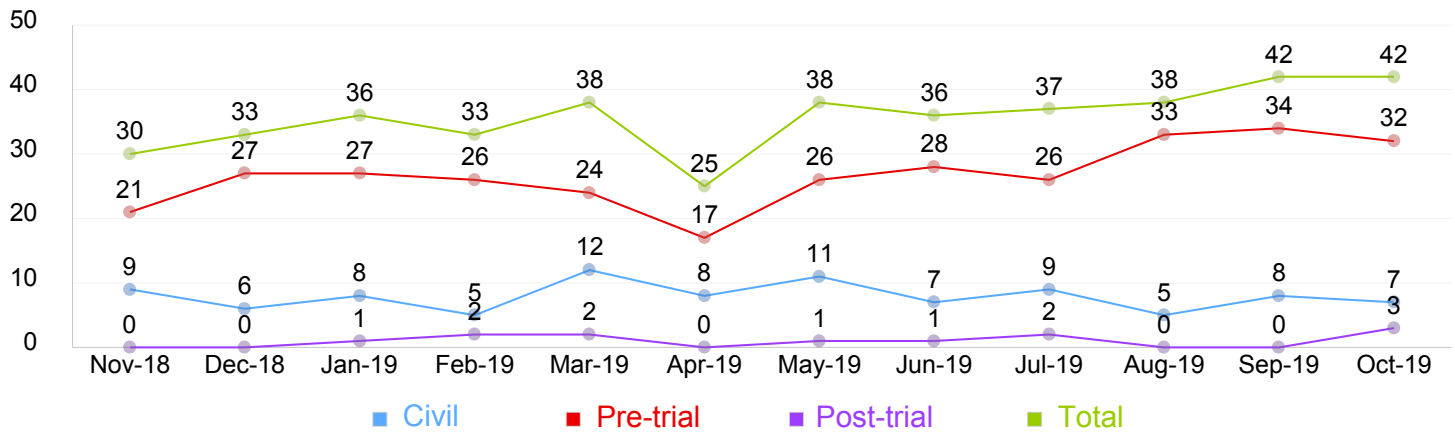
Oct-19

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Data Disclaimer

The primary source of data extracted and analyzed herein is Avatar, the Saint Elizabeths Hospital's electronic medical record system. Additional data sources include, but are not limited to, the Hospital's Unusual Incident Database and SiteFM. Data reflect information as entered in each system by users. Data and Performance Management (DPM) has made reasonable efforts to ensure that data and its accompanying information are as accurate and up-to-date as possible at the time of analysis and publication, but does not guarantee the accuracy, reliability, or completeness of data. DPM is not liable for any misinterpretation or misuse of the data. Use of any information from PRISM must be fully acknowledged and/or cited. Use of PRISM data for anything other than patient care determinations or management of the services provided within the hospital (including external publications, research papers, presentations, etc.) is prohibited without written permission from the Chief Quality and Data Manager Officer at the Saint Elizabeths Hospital.

As of May, 2019 a new platform, Microstrategy, was implemented for producing PRISM. At that time, two charts were removed from the report. Admissions vs Patient UI rate was removed because it showed two data points that already existed in other charts and put them together. Percentage of SiteFM Work Orders Completed within 3 Days was removed because it related to internal operations. Data from the appendix tables were integrated into the relevant charts.

Microstrategy is a visualization tool that is linked to the data sources for each chart, so the information is not static. If new information is added for a month that has already been reported on, that update will be reflected in the next month's report.
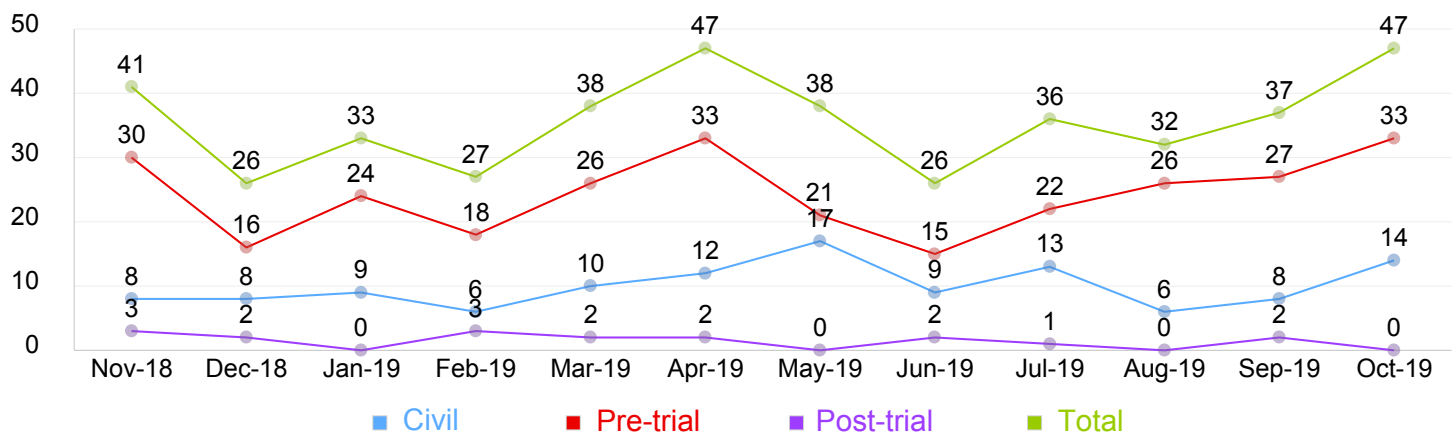
1. Admissions

Metrics	Admission Count													
Legal Status Group	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**	**Jul-19**	**Aug-19**	**Sep-19**	**Oct-19**	**Avg**	**Total**
Civil	9	6	8	5	12	8	11	7	9	5	8	7	**8**	**95**
Pre-trial	21	27	27	26	24	17	26	28	26	33	34	32	**27**	**321**
Post-trial	0	0	1	2	2	0	1	1	2	0	0	3	**1**	**12**
Total	**30**	**33**	**36**	**33**	**38**	**25**	**38**	**36**	**37**	**38**	**42**	**42**	**36**	**428**

* Number of admissions to SEH inpatient program, including transfers from forensic outpatient to inpatient program.

2. Discharges

	Discharge Count													
Legal Status Group	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**	**Jul-19**	**Aug-19**	**Sep-19**	**Oct-19**	**Avg**	**Total**
Civil	8	8	9	6	10	12	17	9	13	6	8	14	**10**	**120**
Pre-trial	30	16	24	18	26	33	21	15	22	26	27	33	**24**	**291**
Post-trial	3	2	0	3	2	2	0	2	1	0	2	0	**2**	**17**
Total	**41**	**26**	**33**	**27**	**38**	**47**	**38**	**26**	**36**	**32**	**37**	**47**	**36**	**428**

* Number of discharges from SEH inpatient program, including transfers from inpatient to forensic outpatient program.

3. Average Daily Census
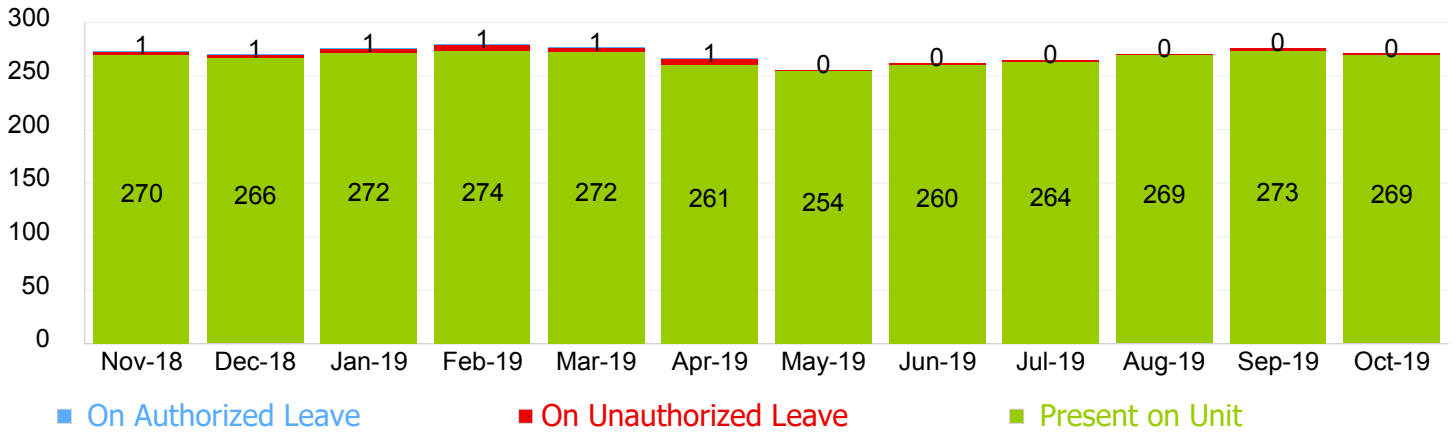
Census_Status	Metrics	Patient Count												
	YearMonth	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Average
a. Present on Unit		270	266	272	274	272	261	254	260	264	269	273	269	267
b. On AL		3	3	4	5	3	5	1	2	2	1	3	2	3
c. On UL		1	1	1	1	1	1	0	0	0	0	0	0	0
Total		**274**	**271**	**276**	**279**	**277**	**267**	**256**	**262**	**265**	**271**	**276**	**271**	

* Data above is the daily average number of individuals counted at 11:59 PM every day during each month. Census data is tracked via the AVATAR database.

4. Transfers
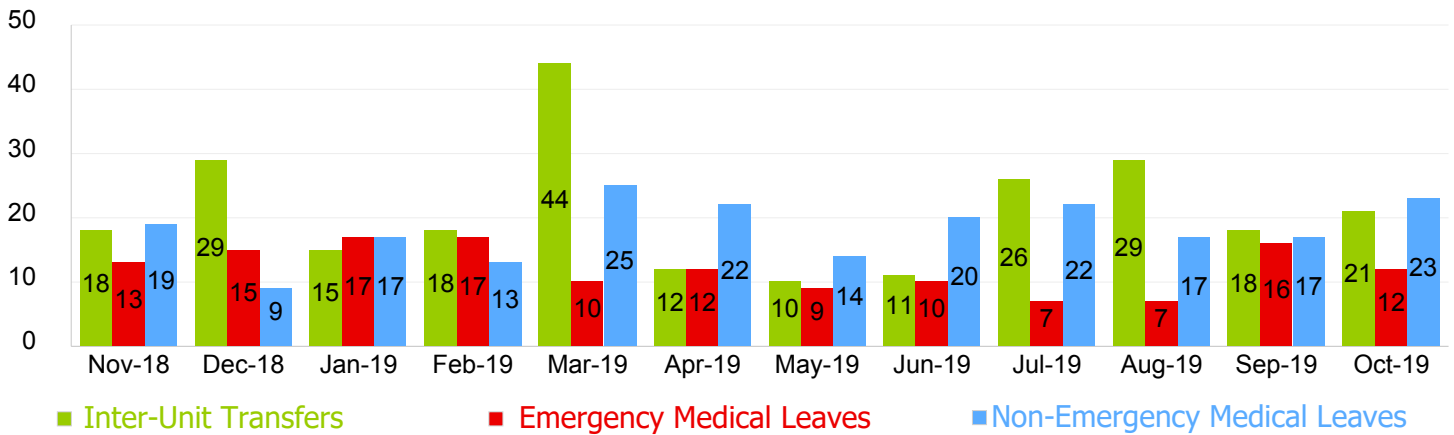
Metrics	YearMonth	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
Inter-Unit Transfers		18	29	15	18	44	12	10	11	26	29	18	21	**21**	**251**
Emergency Medical Leaves		13	15	17	17	10	12	9	10	7	7	16	12	**12**	**145**
Non-Emergency Medical Leaves		19	9	17	13	25	22	14	20	22	17	17	23	**18**	**218**
Total		50	53	49	48	79	46	33	41	55	53	51	56	--	**614**

* Number of inter-unit transfers that occurred during month and number of emergency medical leaves that were initiated during month.

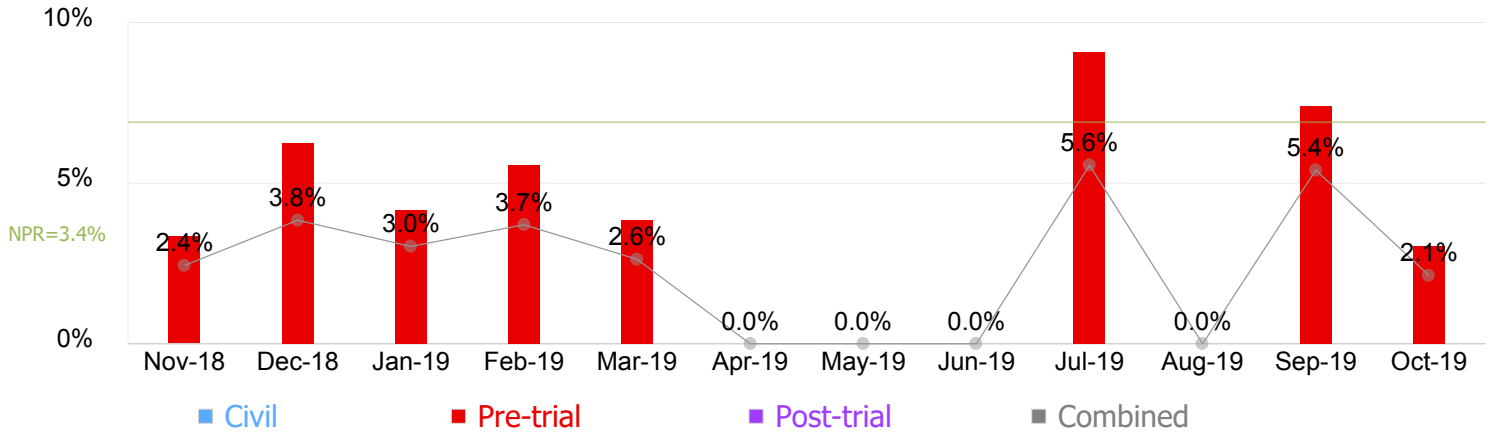# 5. 30-Day Readmission Rate

Legal Status Group	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
						Readmission Rate							
Civil	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**
Pre-trial	3.3%	6.3%	4.2%	5.6%	3.8%	0.0%	0.0%	0.0%	9.1%	0.0%	7.4%	3.0%	**3.6%**
Post-trial	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**
Combined	2.4%	3.8%	3.0%	3.7%	2.6%	0.0%	0.0%	0.0%	5.6%	0.0%	5.4%	2.1%	**2.4%**

* Percent of discharges that returned to SEH within 30 days of discharges. It does not include those who may have been re-hospitalized at another psychiatric facility. This measure requires 30-day observation following discharge.

** The post-trial denominators (discharges) per month range only between one and six, making the monthly re-admission rate high when there is any. For example, in December 2014, there was only one post-trial discharge, which was readmitted within 30 days. Thus, the 30-day readmission rate for post-trial discharge at that time was 100%.

6. Unusual Incidents
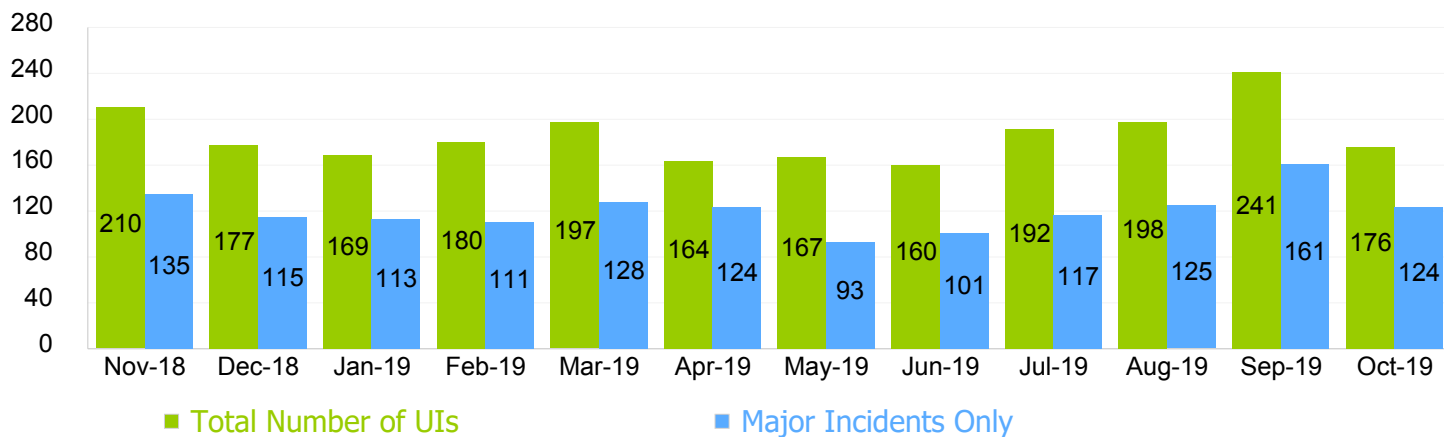
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
Major Incidents Only	135	115	113	111	128	124	93	101	117	125	161	124	**121**	**1,447**
Total Number of UIs	210	177	169	180	197	164	167	160	192	198	241	176	**186**	**2,231**

* A Major Unusual Incident is any adverse even that can compromise health, safety, and welfare of individuals in care and/or staff. An Unusual Incident is any significant occurrence or extraordinary event deviating from regular routine or established procedure, but does not rise to the level of MUI.

7. Patient-Involved Unusual Incidents
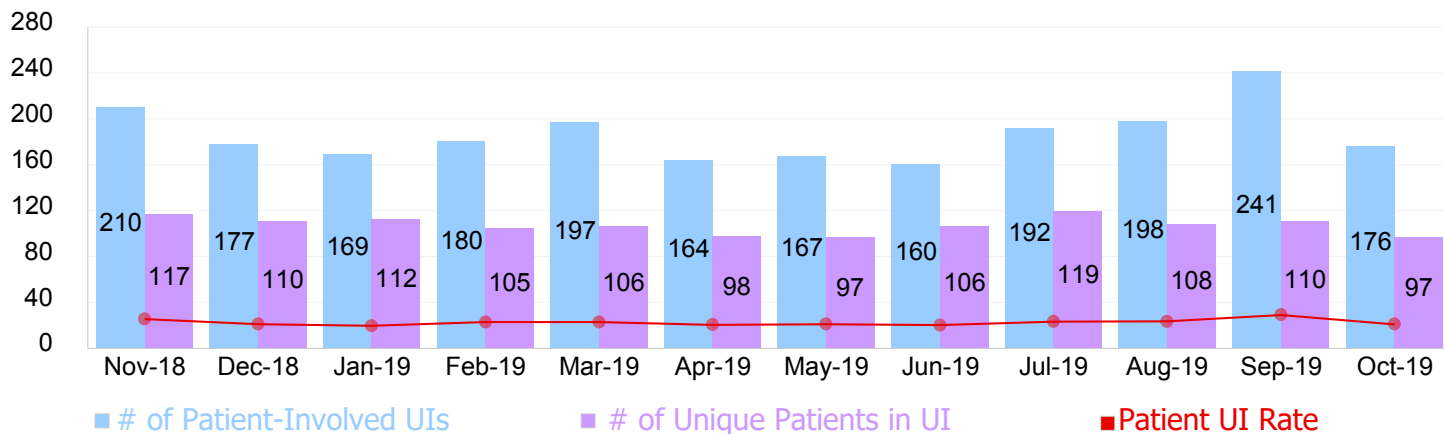
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
# of Unique Patients in UI	117	110	112	105	106	98	97	106	119	108	110	97	**107**	**1,285**
# of Patient-Involved UIs	210	177	169	180	197	164	167	160	192	198	241	176	**186**	**2,231**
Patient UI Rate	25.49	21.03	19.66	22.92	22.90	20.43	20.99	20.27	23.26	23.53	29.02	20.85	**22.53**	**--**

* The patient UI rate is the number of patient-involved unusual incidents reported for every 1000 inpatient days.
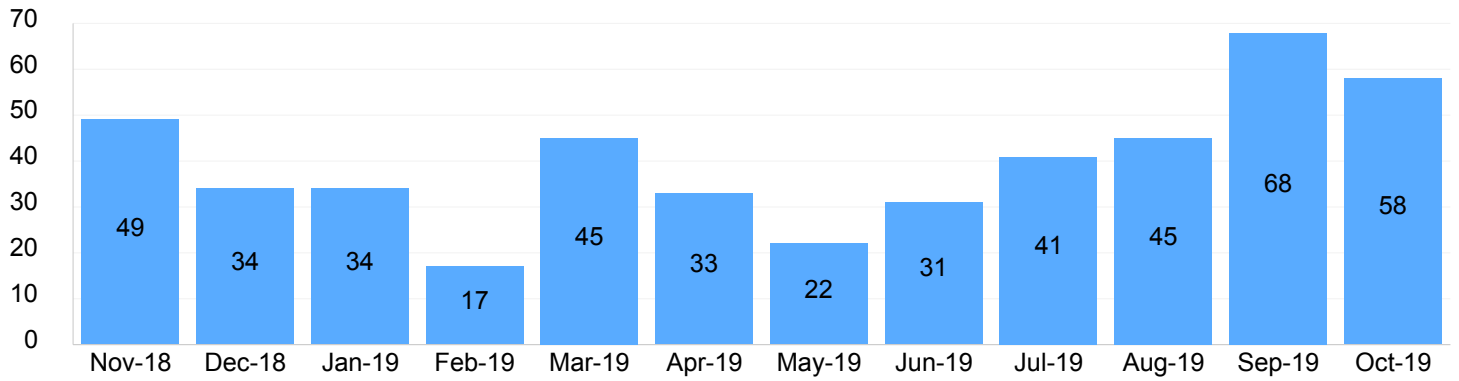
8. Selected Types of Incidents
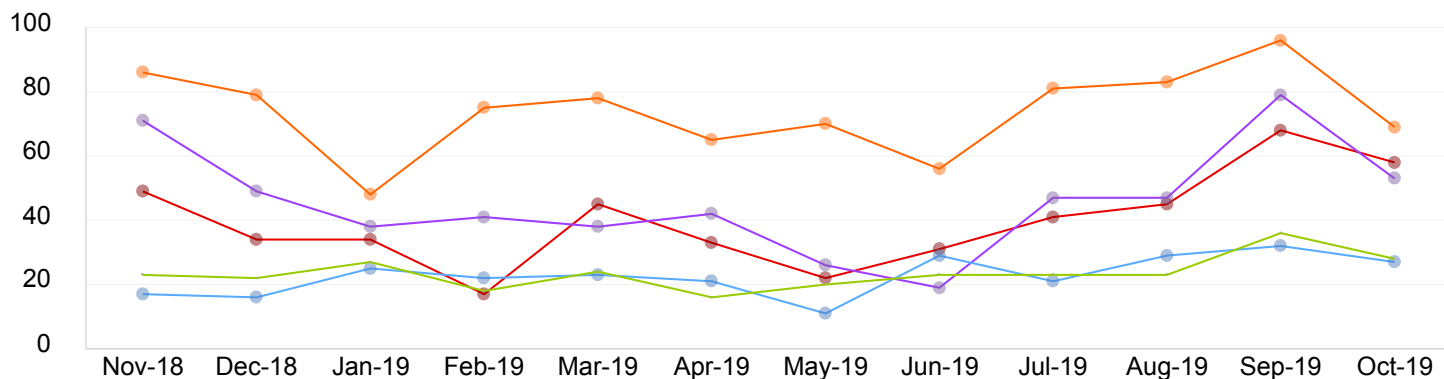
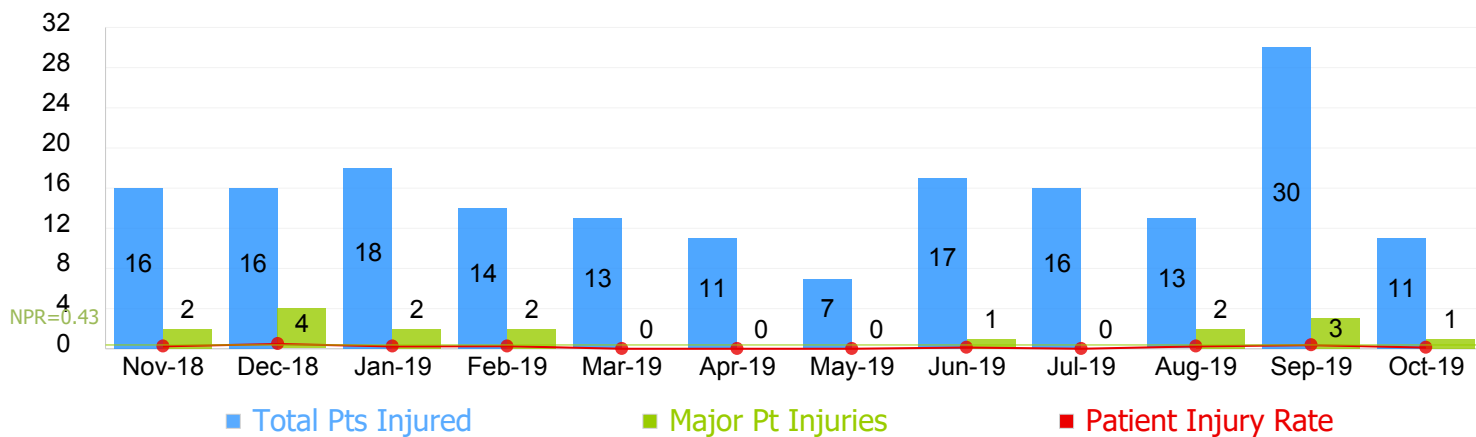|	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
Physical Assault	49	34	34	17	45	33	22	31	41	45	68	58	**40**
Injury	23	22	27	18	24	16	20	23	23	23	36	28	**24**
Psychiatric Emergency	71	49	38	41	38	42	26	19	47	47	79	53	**46**
Falls	17	16	25	22	23	21	11	29	21	29	32	27	**23**
Aggressive Behaviour	86	79	48	75	78	65	70	56	81	83	96	69	**74**

* These are incident types that are frequently reported. Some incidents may be counted in multiple categories. For example, a physical assault incident that accompanied psychiatric emergency and injury is counted under psychiatric emergency and injury as well as under physical assault. Injury is broadly defined to include any type of injury, regardless of the cause or severity level.

9. Physical Assaults

Physical Assault													
Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	**Avg**	**Total**
49	34	34	17	45	33	22	31	41	45	68	58	**40**	**477**

10. Patient Injuries

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
Total Pts Injured	16	16	18	14	13	11	7	17	16	13	30	11	**15**	**182**
Major Pt Injuries	2	4	2	2	0	0	0	1	0	2	3	1	**1**	**17**
Patient Injury Rate	0.24	0.48	0.23	0.25	0.00	0.00	0.00	0.13	0.00	0.24	0.36	0.12	**0.17**	**--**

*Injury is broadly defined to include any type of injuries regardless of the cause or severity level. The total number of patients injured represents all of the reported injuries including minor injuries treated with first aid alone. However, the patient injury rate considers only the number of patient injuries that required treatment for minor injuries based on the NRI definition. The patient injury rate is the number of 'major' patient injuries per every 1000 inpatient days.

11. Staff Injuries
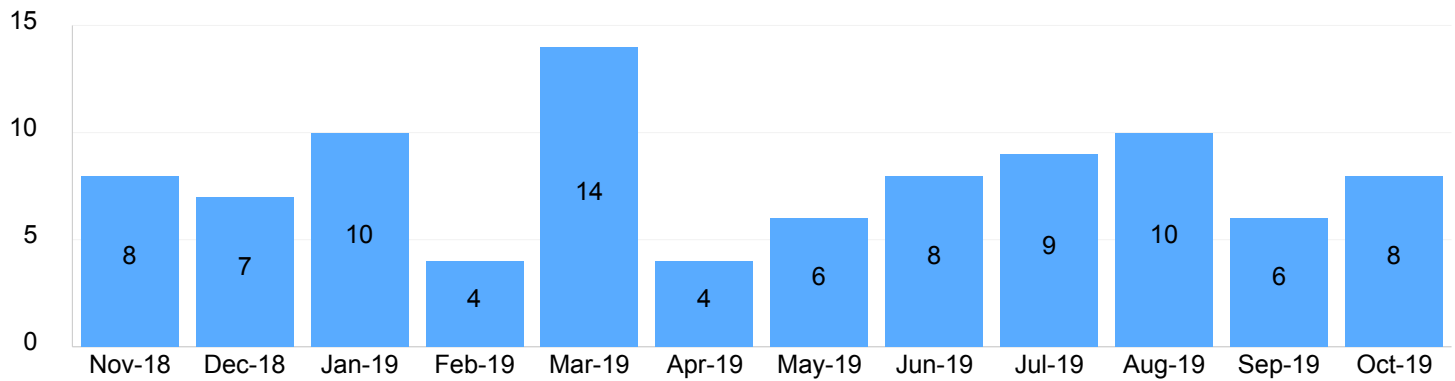
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
# of Staff Injured	8	7	10	4	14	4	6	8	9	10	6	8	**8**	**94**

*Injury is broadly defined to include any type of injuries regardless of the cause or severity. The total number of staff injured represents all of the reported staff injuries including treatment for minor injuries.

12. Patient and Staff Falls

■ Total Staff who Fell   ■ Total Patients who Fell   ■ Patient Fall Rate
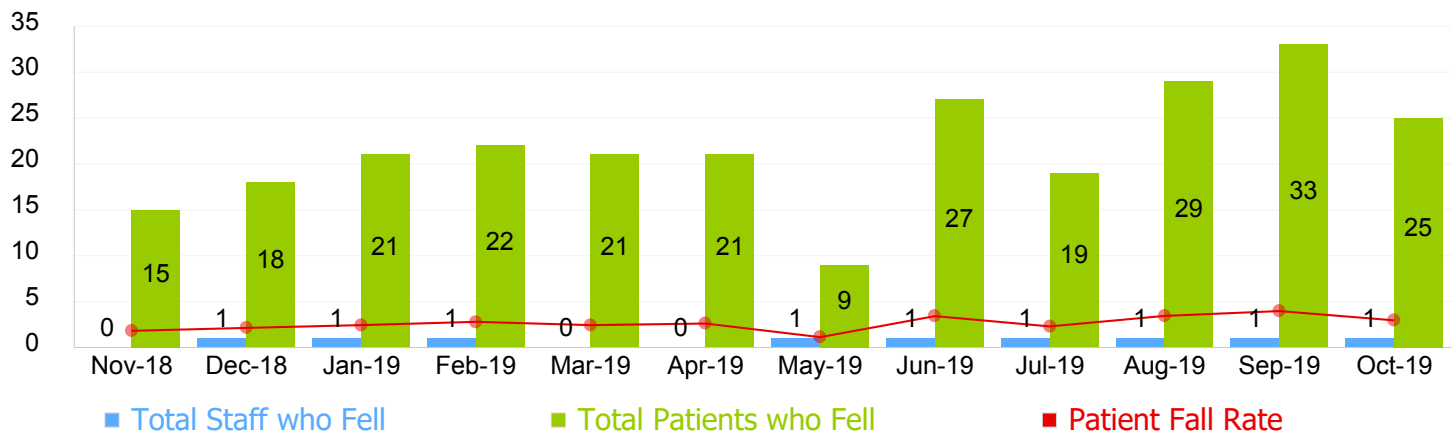
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
Total Staff who Fell	0	1	1	1	0	0	1	1	1	1	1	1	**1**	**9**
Total Patients who Fell	15	18	21	22	21	21	9	27	19	29	33	25	**22**	**260**
Patient Fall Rate	1.82	2.14	2.44	2.80	2.44	2.62	1.13	3.42	2.30	3.45	3.97	2.96	**2.62**	**--**

* The patient fall rate is the number of patient falls per every 1000 inpatient days.

13. Percent of Patients Restrained or Secluded
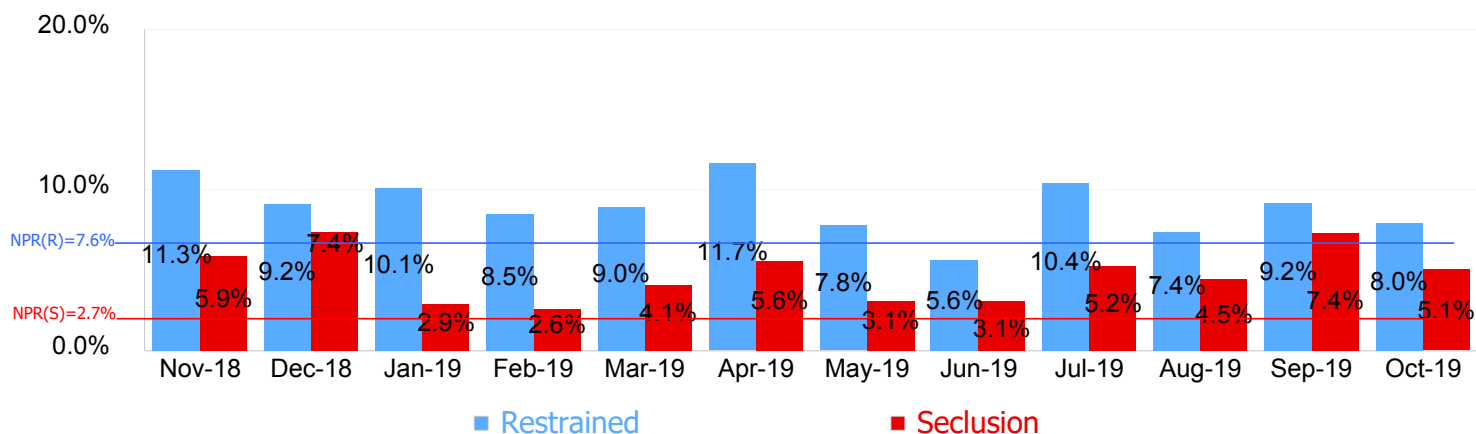
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
Seclusion	5.9%	7.4%	2.9%	2.6%	4.1%	5.6%	3.1%	3.1%	5.2%	4.5%	7.4%	5.1%	**4.7%**
Restraint	11.3%	9.2%	10.1%	8.5%	9.0%	11.7%	7.8%	5.6%	10.4%	7.4%	9.2%	8.0%	**9.0%**

Percent of unique patients who were restrained at least once and percent of unique patients who were secluded at least once. The denominator includes all individuals who were served in care 1+ day during month.
***As of May, 2019, SEH refined the logic of this calculation to count patients who were restrained via a physical hold and a mechanical restraint only once. Previous logic counted the same person twice if they received both a physical hold and mechanical restraint in the same month.

# 14. Restraint Hours Rate & Seclusion Hours Rate
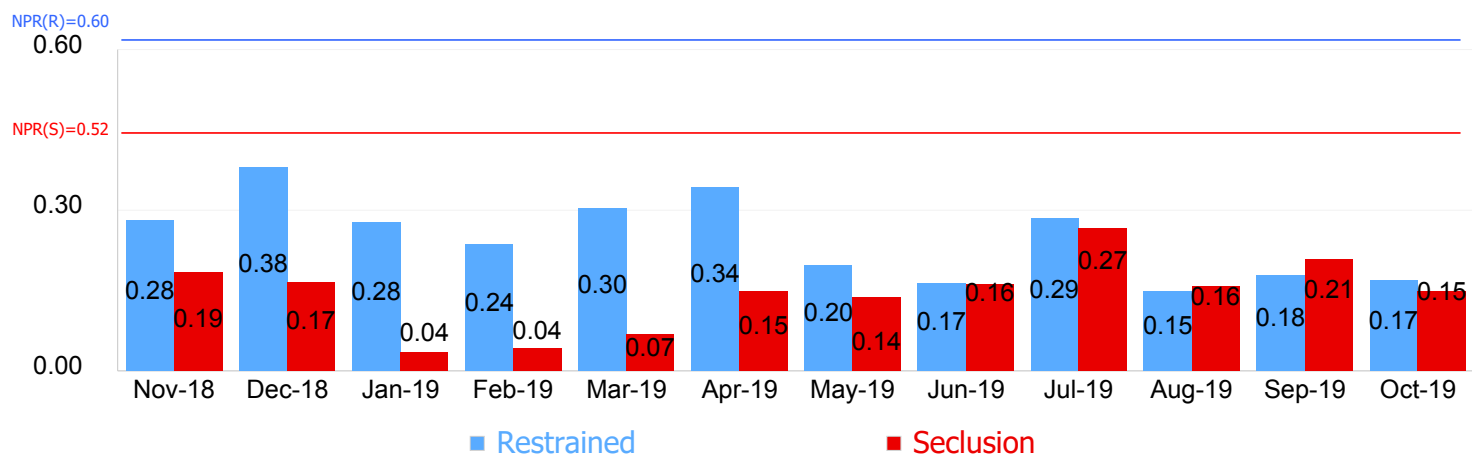
Event Type	Hour Rate												
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
Restraint	0.28	0.38	0.28	0.24	0.30	0.34	0.20	0.17	0.29	0.15	0.18	0.17	**0.25**
Seclusion	0.19	0.17	0.04	0.04	0.07	0.15	0.14	0.16	0.27	0.16	0.21	0.15	**0.14**

* Restraint/Seclusion Hours Rate: Number of hours spent in restraint/seclusion for every 1000 inpatient hours.
** The duration of each physical hold event is counted as 1 minute as a physical hold is ordered and used only as a temporary intervention that lasts less than a minute to break up any physical conflicts or to administer emergency medications
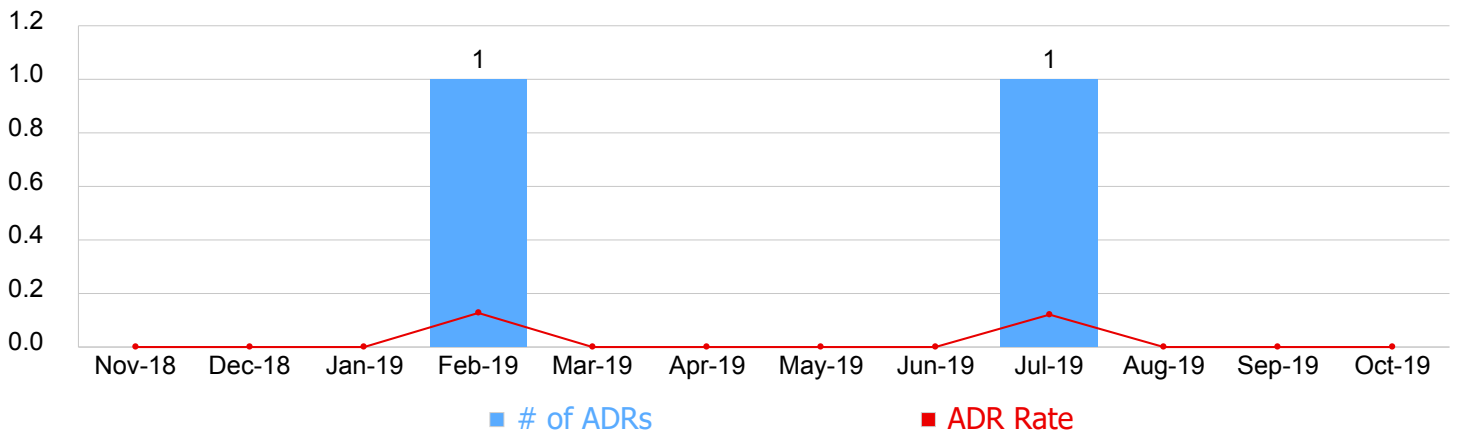
15. Reported Medication Variance Events & Rate
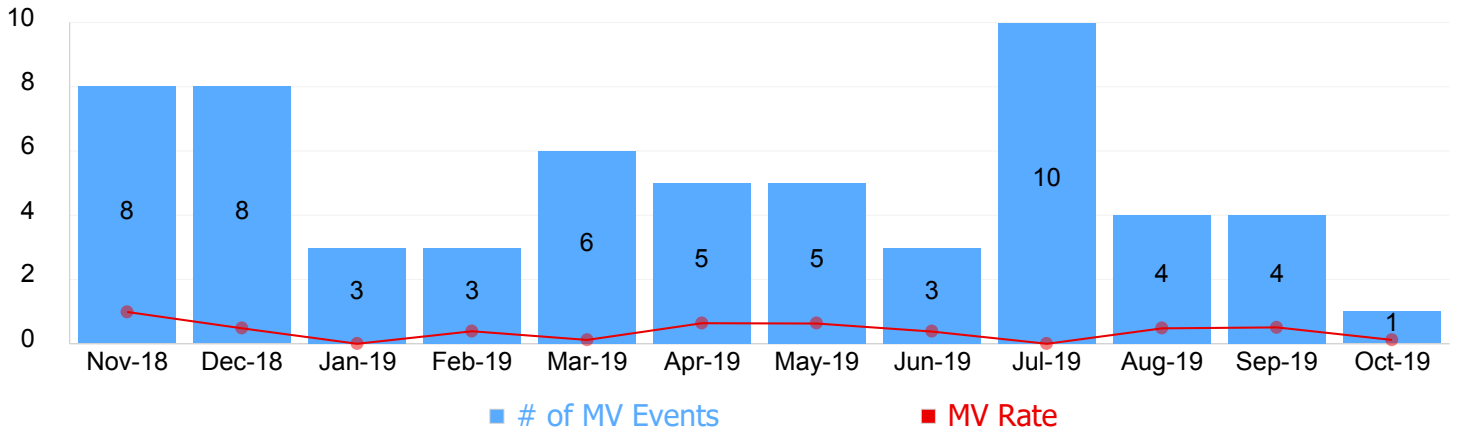
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
# of MV Events	8	8	3	3	6	5	5	3	10	4	4	1	**5**	**60**
MV Rate	0.99	0.48	0.00	0.39	0.12	0.64	0.63	0.38	0.00	0.48	0.51	0.12	**0.40**	**4.74**

* MV Rate: Number of reported medication variance events that occurred for every 1000 inpatient days.

16. Reported Adverse Drug Reactions & Rate

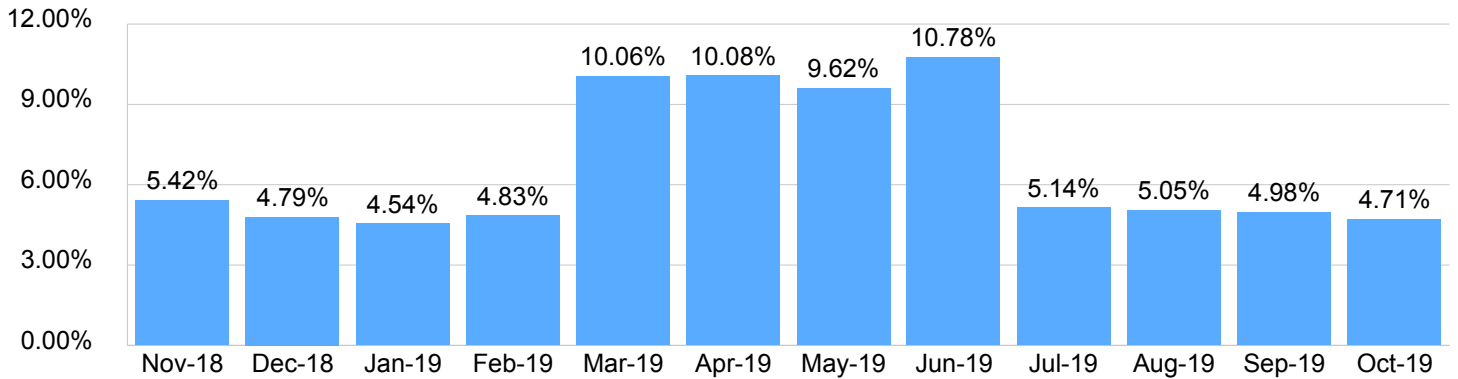|	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
NumADRs	0	0	0	1	0	0	0	0	1	0	0	0	**0**	**2**
ADR Rate	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	**0.02**	**--**

* ADR Rate: Number of reported adverse drug reaction events that occurred for every 1000 inpatient days.

17. Percent of Missing Documentation on Med-Administration
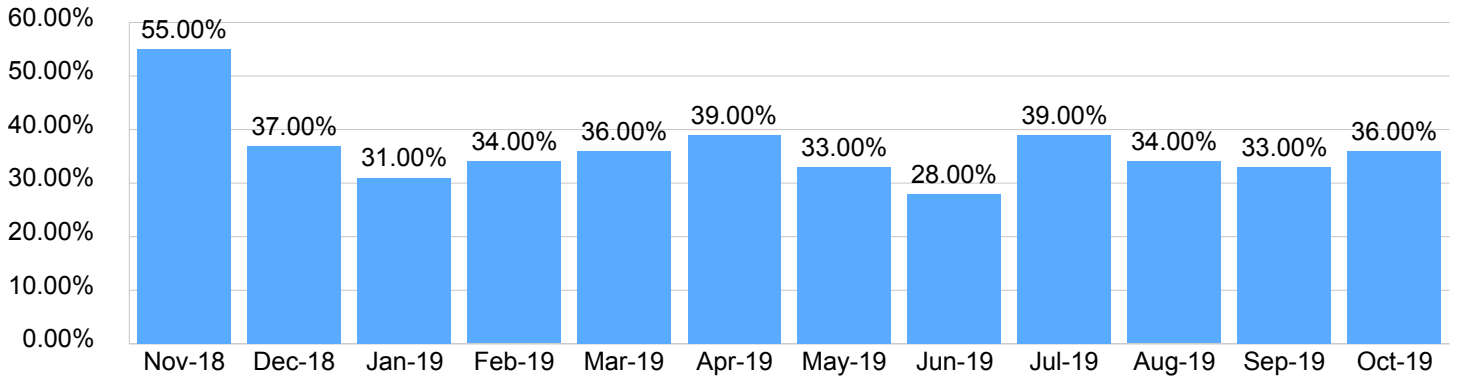
Event Type	Rate												
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
PercOfMissingDocumentation	55.00%	37.00%	31.00%	34.00%	36.00%	39.00%	33.00%	28.00%	39.00%	34.00%	33.00%	36.00%	**36.25%**

18. Medication Refusal Rate

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19
Medication Refusal Rate	5.42	4.79	4.54	4.83	10.06	10.08	9.62	10.78	5.14	5.05	4.98	4.71

* Medication Refusal Rate: the number of refused medication doses divided by the total number of doses scheduled for administration.

19. Number of STAT Events and Individuals Involved
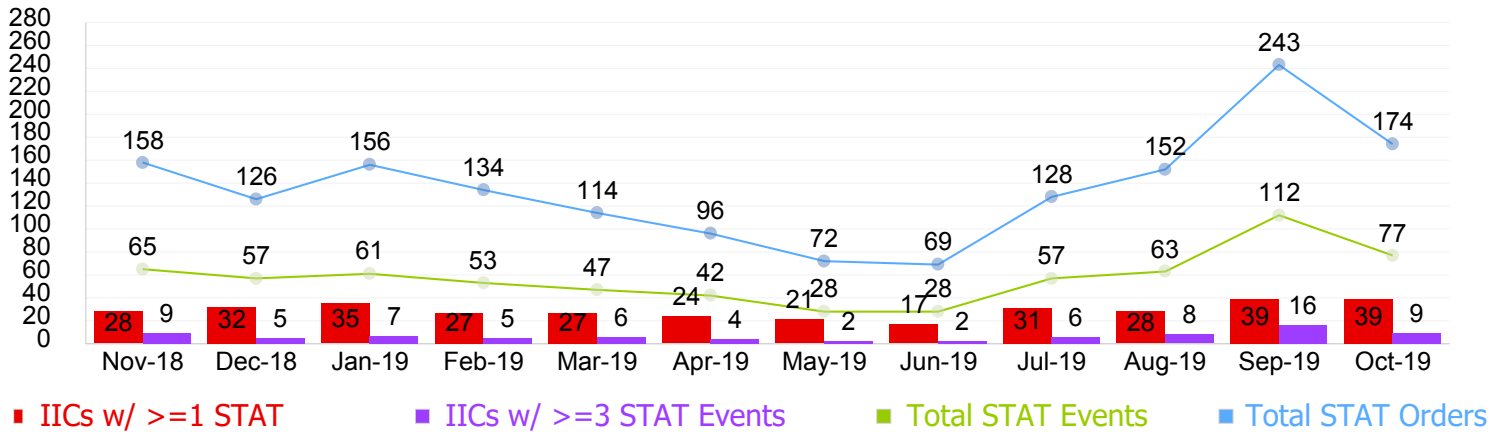
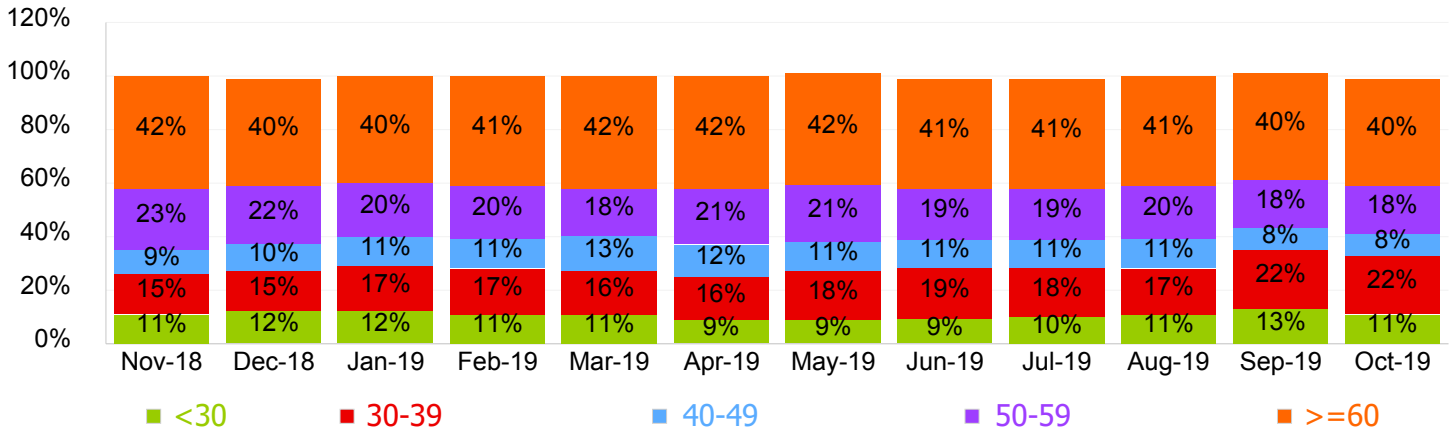|	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg	Total
IICs w/ >=1 STAT	28	32	35	27	27	24	21	17	31	28	39	39	29	348
IICs w/ >=3 STAT Events	9	5	7	5	6	4	2	2	6	8	16	9	7	79
Total STAT Events	65	57	61	53	47	42	28	28	57	63	112	77	58	690
Total STAT Orders	158	126	156	134	114	96	72	69	128	152	243	174	135	1,622

* A STAT event is an emergency medication prescribed and administered to a person involuntarily.

20. Demographics - Trend of Gender Distribution
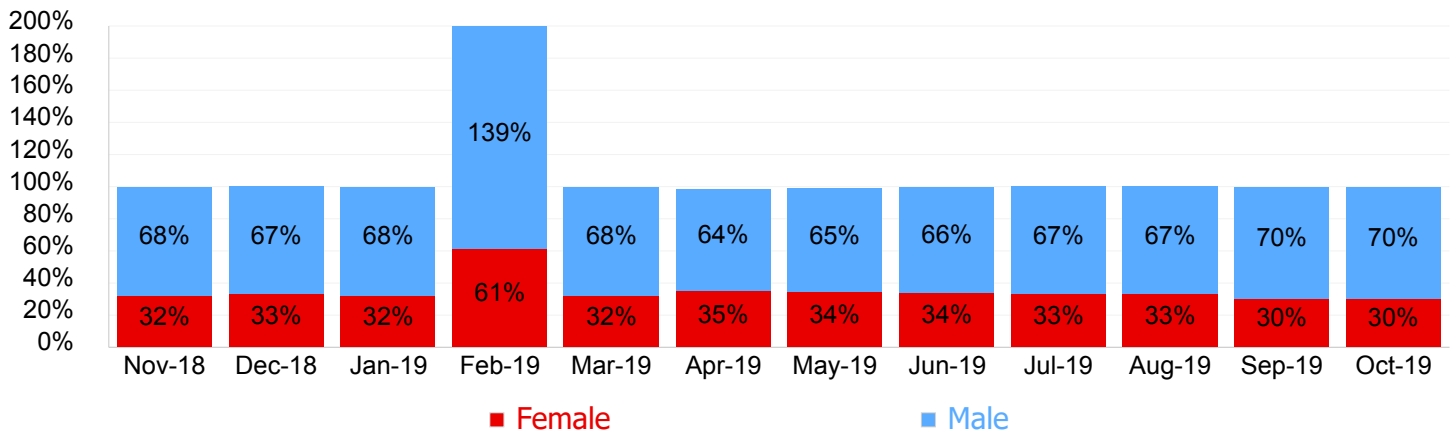
| Gender | Rate | | | | | | | | | | | | |
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
Female	32%	33%	32%	61%	32%	35%	34%	34%	33%	33%	30%	30%	35%
Male	68%	67%	68%	139%	68%	64%	65%	66%	67%	67%	70%	70%	73%

21. Demographics - Trend of Age Distribution

Age Group	Rate												
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Avg
<30	11%	12%	12%	11%	11%	9%	9%	9%	10%	11%	13%	11%	**11%**
30-39	15%	15%	17%	17%	16%	16%	18%	19%	18%	17%	22%	22%	**18%**
40-49	9%	10%	11%	11%	13%	12%	11%	11%	11%	11%	8%	8%	**11%**
50-59	23%	22%	20%	20%	18%	21%	21%	19%	19%	20%	18%	18%	**20%**
60+	42%	40%	40%	41%	42%	42%	42%	41%	41%	41%	40%	40%	**41%**

22. Length of Stay - Average and Median Length of Stay for Individuals in Care
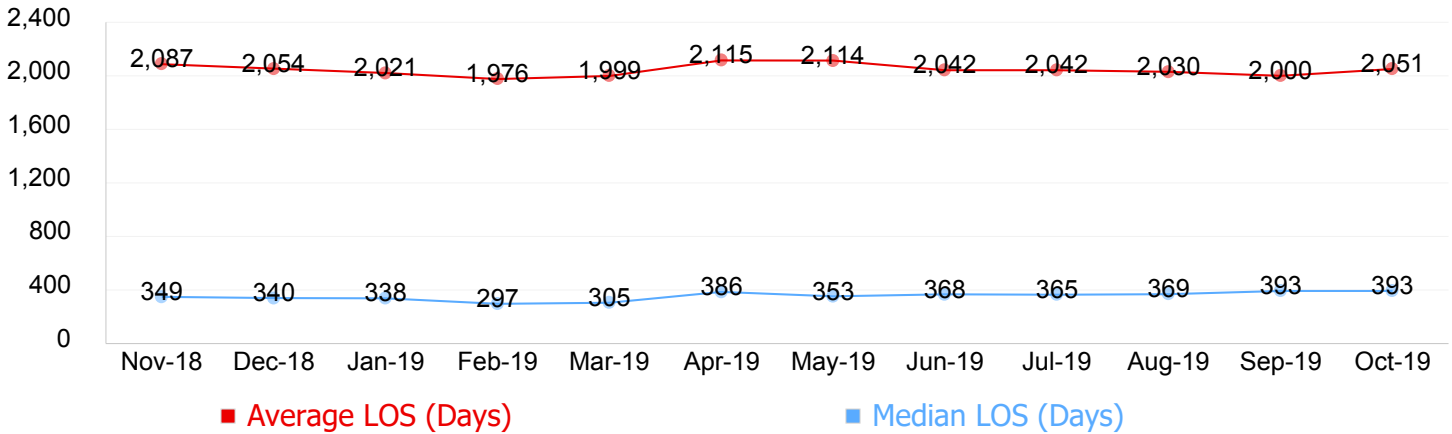
Type	Individuals In Care											
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19
Average LOS	2,087	2,054	2,021	1,976	1,999	2,115	2,114	2,042	2,042	2,030	2,000	2,051
Median LOS	349	340	338	297	305	386	353	368	365	369	393	393

23. Length of Stay - Length of Stay for Individuals in Care with Civil Legal Status

■ Average LOS (Days)   ■ Median LOS (Days)
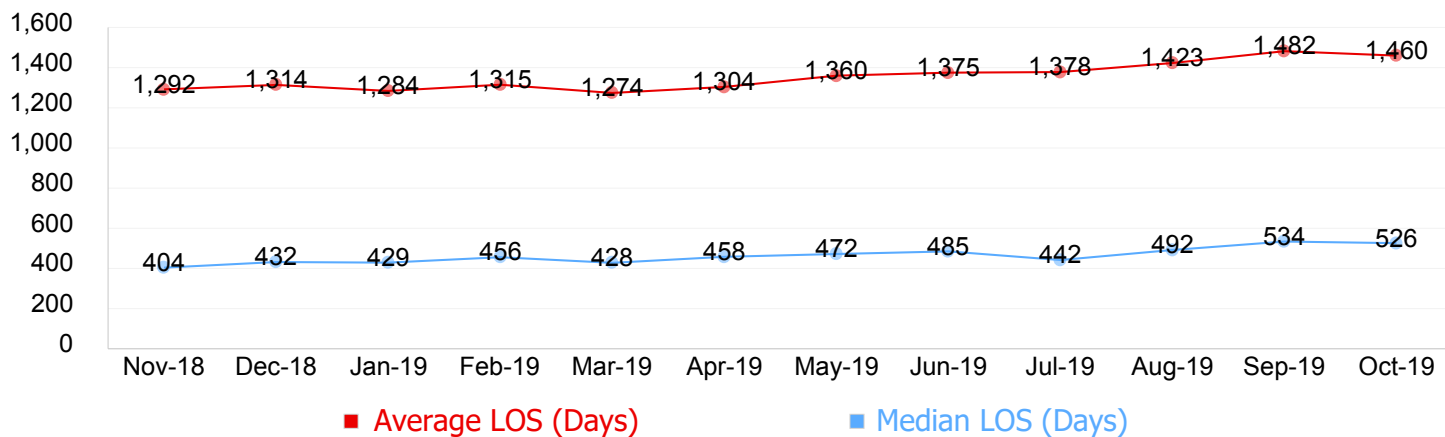
Type	Civil											
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19
Average LOS	1,292	1,314	1,284	1,315	1,274	1,304	1,360	1,375	1,378	1,423	1,482	1,460
Median LOS	404	432	429	456	428	458	472	485	442	492	534	526