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

Aug-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.
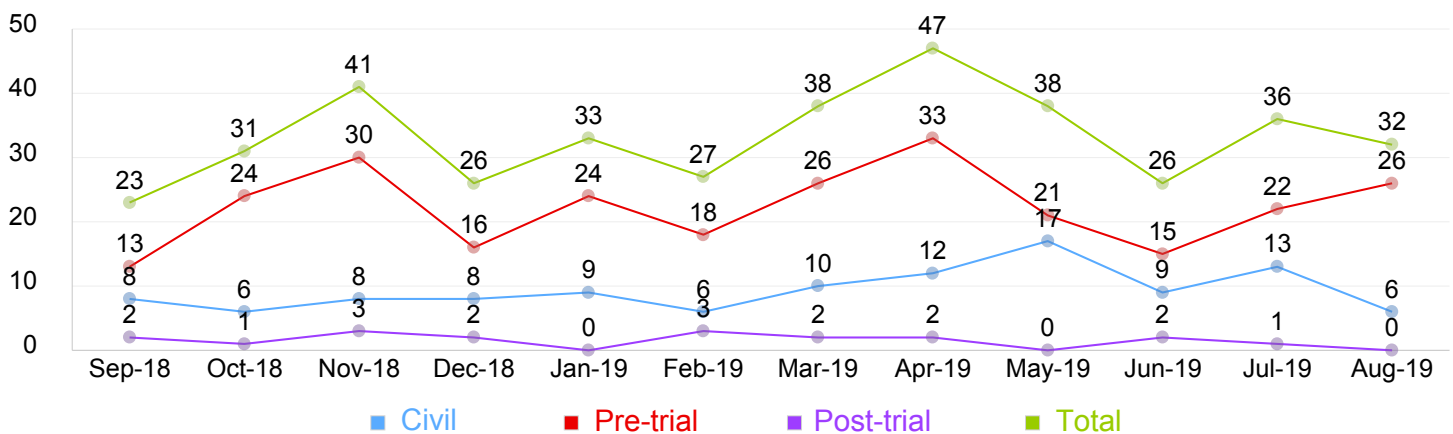
1. Admissions
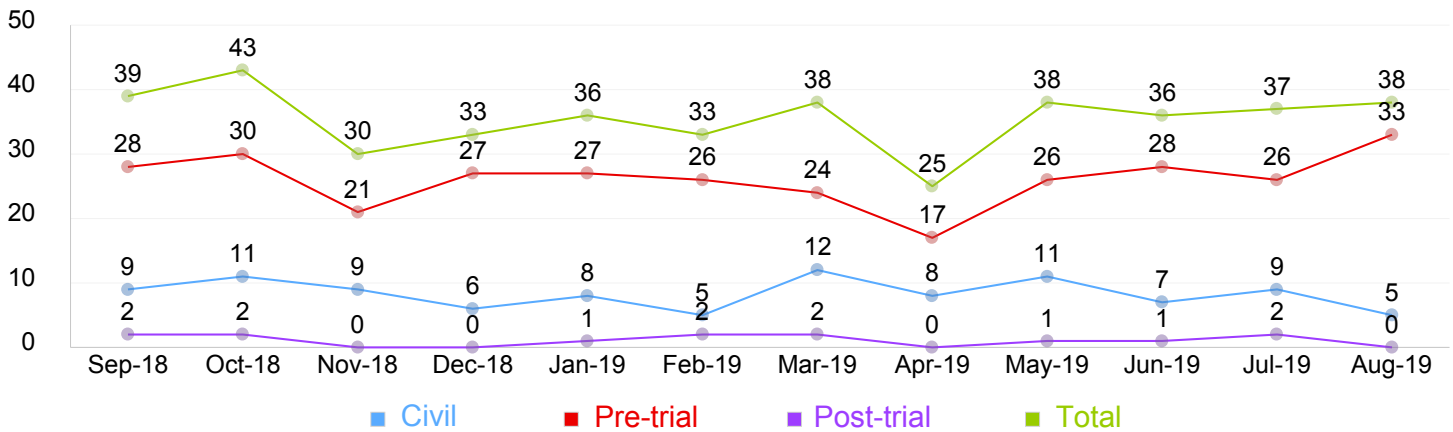
Metrics						Admission Count								
Legal Status Group	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Civil	9	11	9	6	8	5	12	8	11	7	9	5	8	100
Pre-trial	28	30	21	27	27	26	24	17	26	28	26	33	26	313
Post-trial	2	2	0	0	1	2	2	0	1	1	2	0	1	13
Total	39	43	30	33	36	33	38	25	38	36	37	38	36	426

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

2. Discharges

	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Discharge Count														
Legal Status Group	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Civil	8	6	8	8	9	6	10	12	17	9	13	6	9	112
Pre-trial	13	24	30	16	24	18	26	33	21	15	22	26	22	268
Post-trial	2	1	3	2	0	3	2	2	0	2	1	0	2	18
Total	23	31	41	26	33	27	38	47	38	26	36	32	33	398

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

3. Average Daily Census
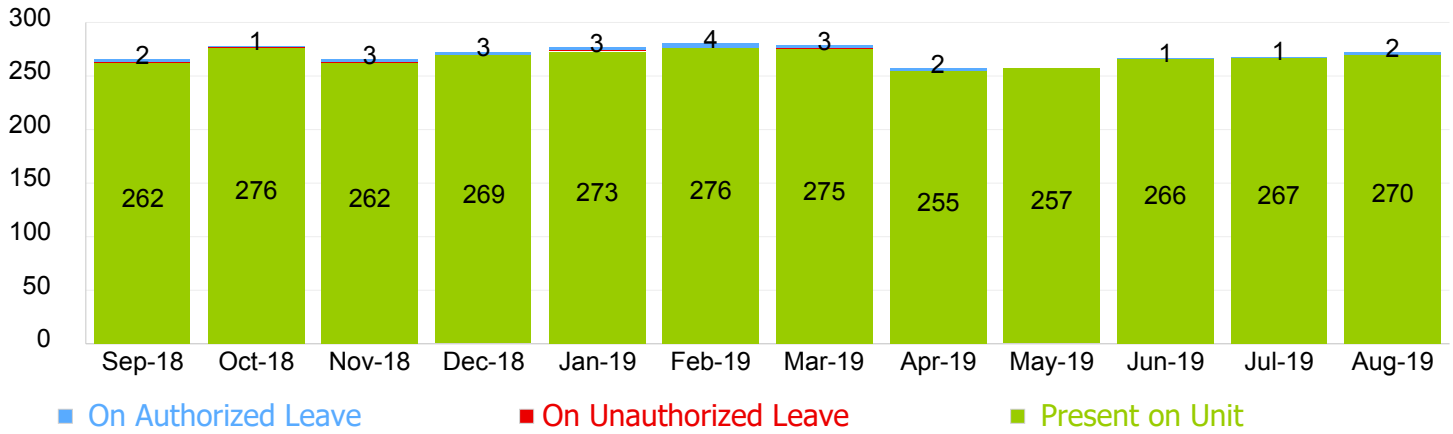
Census Status	Patient Count												
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg
Authorized Leave	2	1	3	3	3	4	3	2	0	1	1	2	2
Present on Unit	262	276	262	269	273	276	275	255	257	266	267	270	267
Unauthorized Leave	1	1	1	1	1	1	1	0	0	0	0	0	1
Total	**265**	**278**	**266**	**273**	**277**	**281**	**279**	**257**	**257**	**267**	**268**	**272**	**0**

* 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
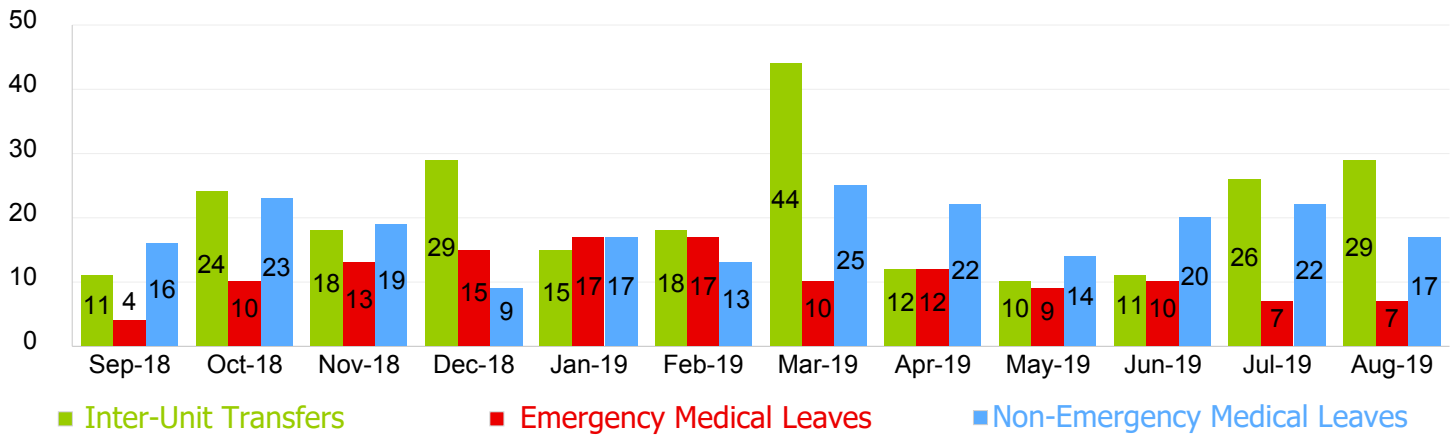
Metrics	YearMonth	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Inter-Unit Transfers		11	24	18	29	15	18	44	12	10	11	26	29	**21**	**247**
Emergency Medical Leaves		4	10	13	15	17	17	10	12	9	10	7	7	**11**	**131**
Non-Emergency Medical Leaves		16	23	19	9	17	13	25	22	14	20	22	17	**18**	**217**
Total		31	57	50	53	49	48	79	46	33	41	55	53	**--**	**595**

* 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
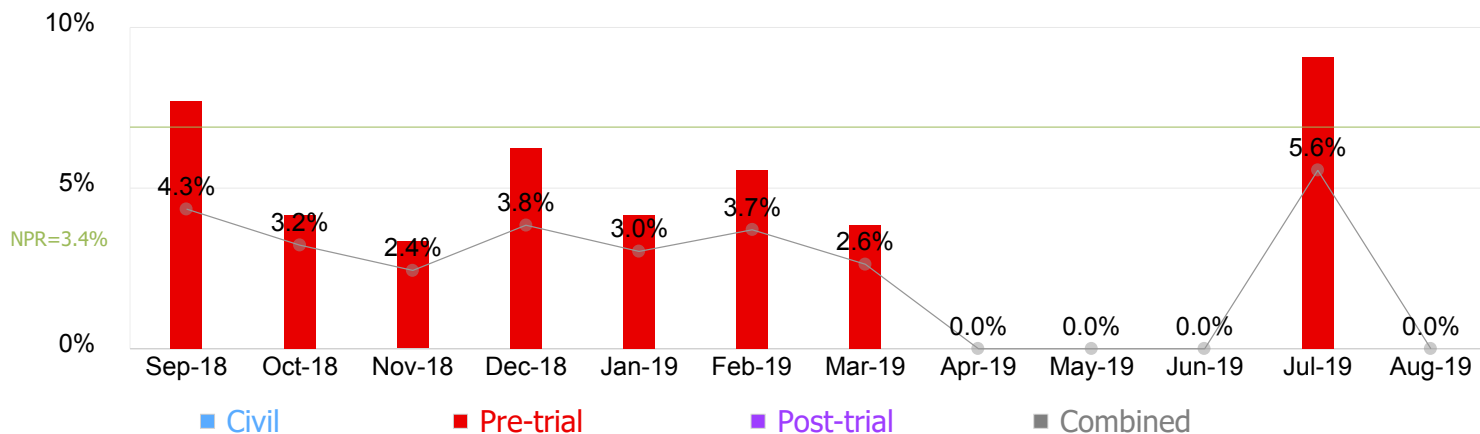
	Readmission Rate												
Legal Status Group	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**	**Jul-19**	**Aug-19**	**Avg**
Civil	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**
Pre-trial	7.7%	4.2%	3.3%	6.3%	4.2%	5.6%	3.8%	0.0%	0.0%	0.0%	9.1%	0.0%	**3.7%**
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	4.3%	3.2%	2.4%	3.8%	3.0%	3.7%	2.6%	0.0%	0.0%	0.0%	5.6%	0.0%	**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%.
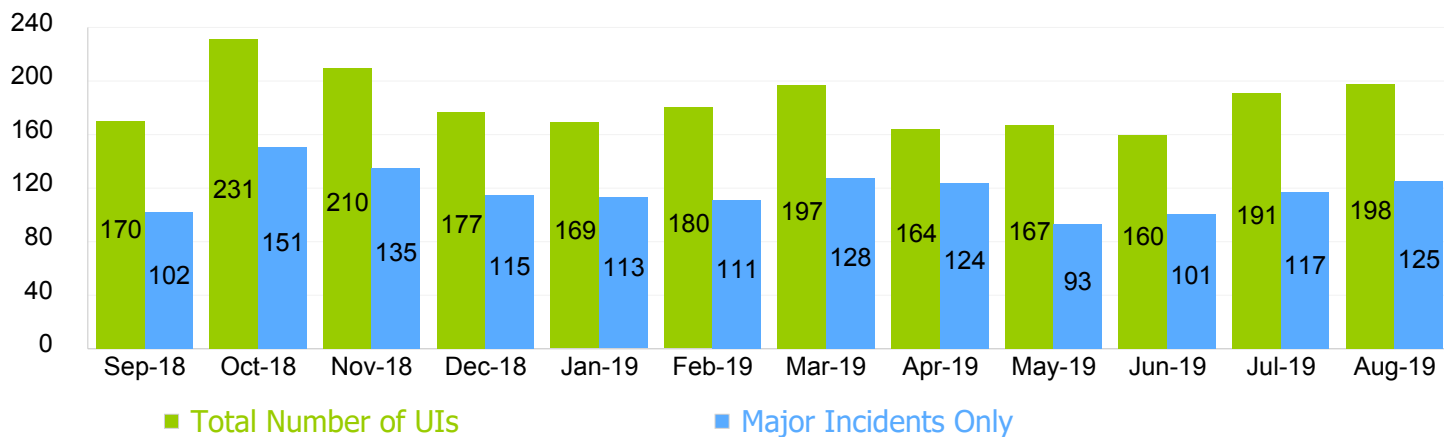
6. Unusual Incidents

	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Major Incidents Only	102	151	135	115	113	111	128	124	93	101	117	125	**118**	**1,415**
Total Number of UIs	170	231	210	177	169	180	197	164	167	160	191	198	**185**	**2,214**

* 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
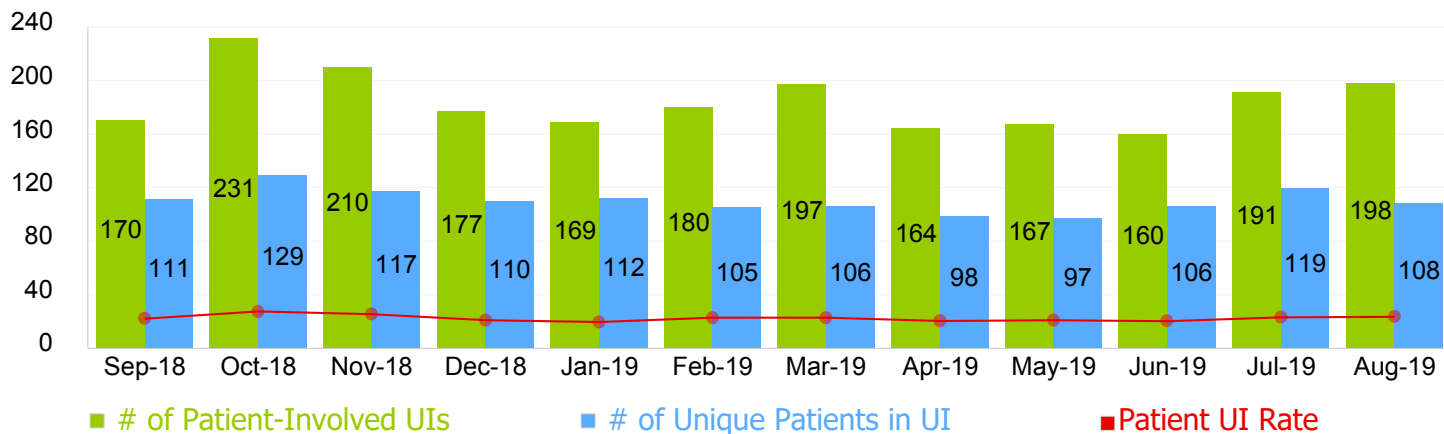
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
# of Unique Patients in UI	111	129	117	110	112	105	106	98	97	106	119	108	**110**	**1,318**
# of Patient-Involved UIs	170	231	210	177	169	180	197	164	167	160	191	198	**185**	**2,214**
Patient UI Rate	22.10	27.59	25.49	21.03	19.66	22.92	22.90	20.43	20.99	20.27	23.14	23.53	**22.50**	**--**

* The patient UI rate is the number of patient-involved unusual incidents reported for every 1000 inpatient days.

8. Unusual Incidents by Severity
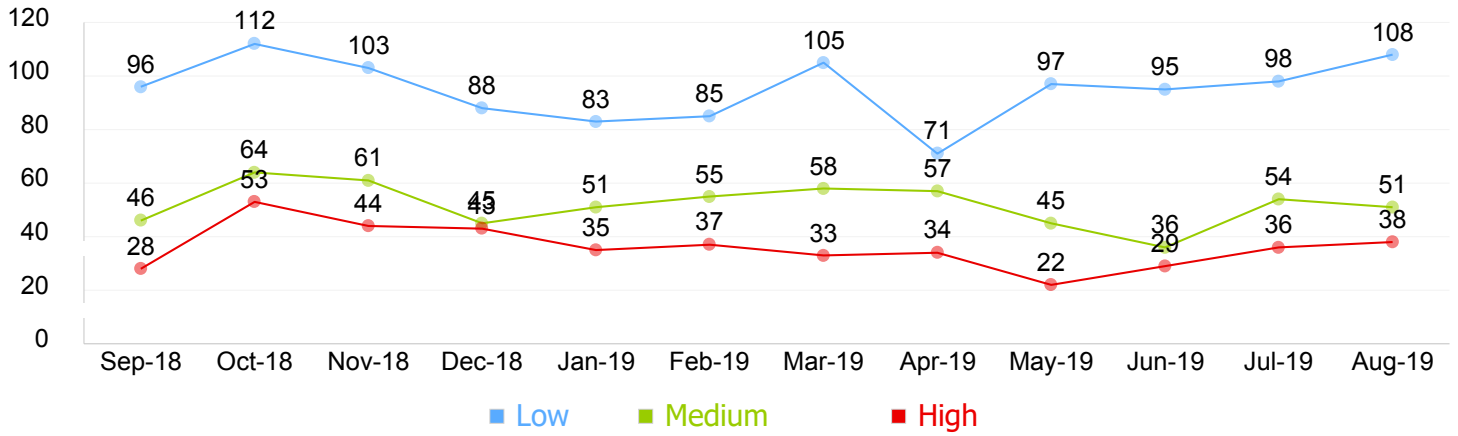
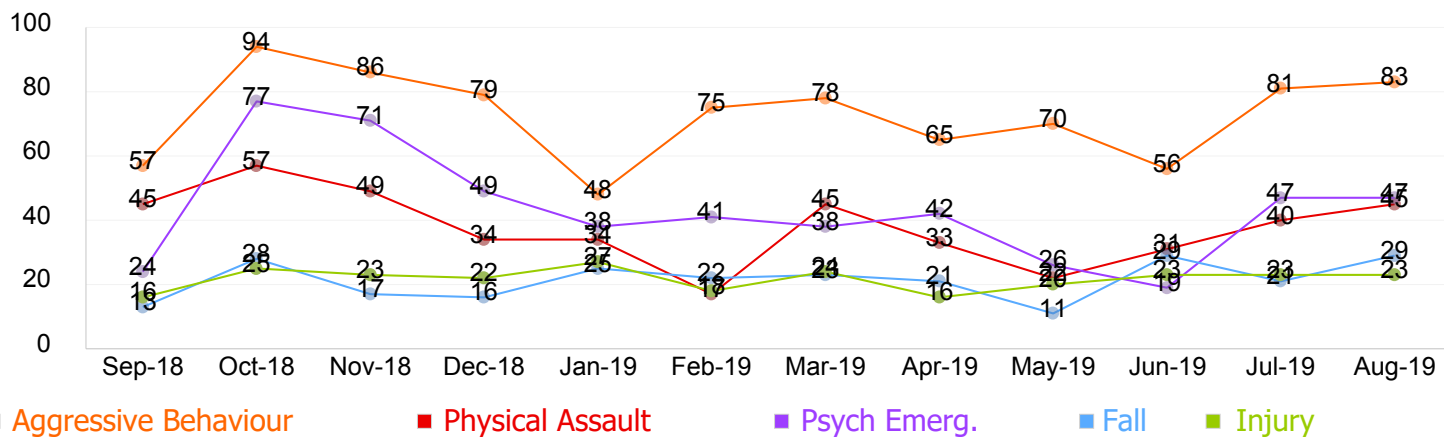| Severity	Num of UI												Avg	Total
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19		
1) Low	96	112	103	88	83	85	105	71	97	95	98	108	**95**	**1,141**
2) Medium	46	64	61	45	51	55	58	57	45	36	54	51	**52**	**623**
3) High	28	53	44	43	35	37	33	34	22	29	36	38	**36**	**432**
Total	**170**	**229**	**208**	**176**	**169**	**177**	**196**	**162**	**164**	**160**	**188**	**197**		**2,196**

9. Selected Types of Incidents

	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg
Physical Assault	45	57	49	34	34	17	45	33	22	31	40	45	**38**
Injury	16	25	23	22	27	18	24	16	20	23	23	23	**22**
Psychiatric Emergency	24	77	71	49	38	41	38	42	26	19	47	47	**43**
Falls	13	28	17	16	25	22	23	21	11	29	21	29	**21**
Aggressive Behaviour	57	94	86	79	48	75	78	65	70	56	81	83	**73**

* 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.

10. Physical Assaults

	Physical Assault												
Sep-18	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**	**Jul-19**	**Aug-19**	**Avg**	**Total**
45	57	49	34	34	17	45	33	22	31	40	45	**38**	**452**

11. Patient Injuries
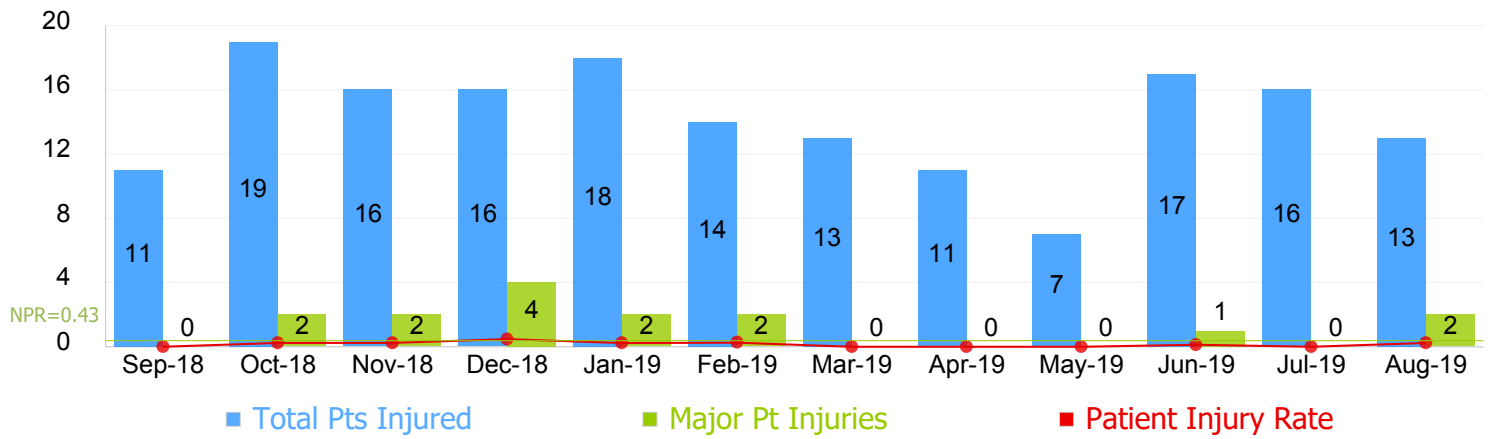
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Total Pts Injured	11	19	16	16	18	14	13	11	7	17	16	13	**14**	**171**
Major Pt Injuries	0	2	2	4	2	2	0	0	0	1	0	2	**1**	**15**
Patient Injury Rate	0.00	0.24	0.24	0.48	0.23	0.25	0.00	0.00	0.00	0.13	0.00	0.24	**0.15**	**--**

* 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 are required beyond first-aid level treatment based on the NRI definition and the patient injury rate is the number of 'major' patient injuries per every 1000 inpatient days.

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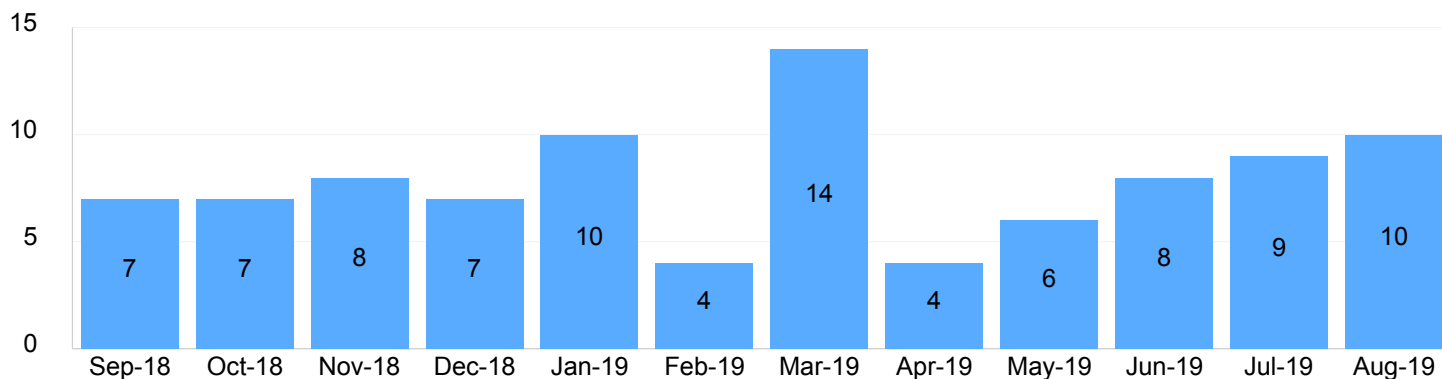
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
# of Staff Injured	7	7	8	7	10	4	14	4	6	8	9	10	**8**	**94**

* Injury is broadly defined to include any type of injuries regardless of the cause or severity level. The total number of staff injured represents all of the reported staff injuries including minor injuries treated with first aid alone.

13. Patient and Staff Falls

■ Total Staff who Fell   ■ Total Patients who Fell   ■ Patient Fall Rate
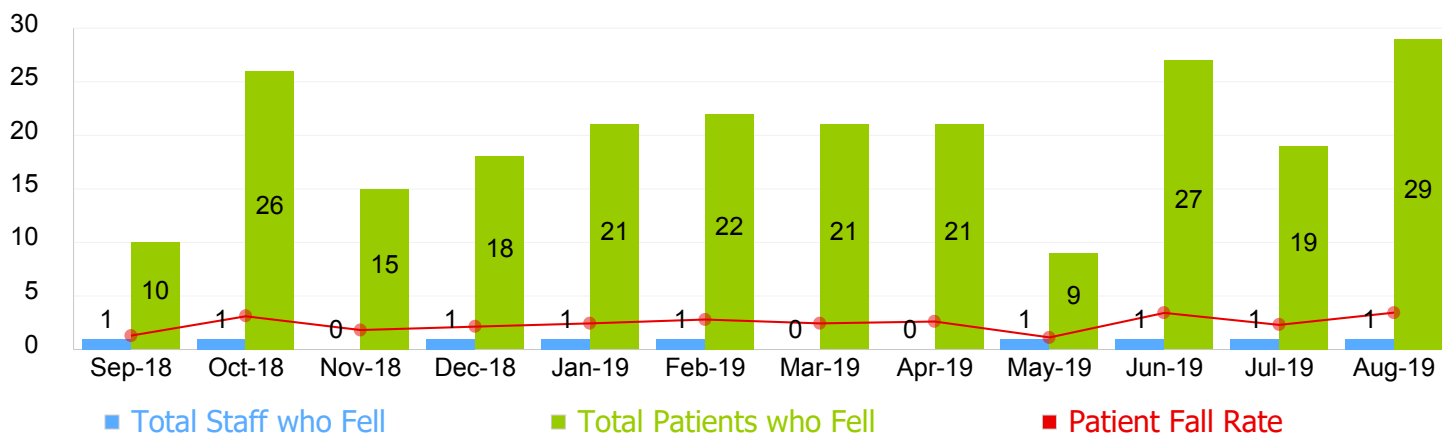
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
Total Staff who Fell	1	1	0	1	1	1	0	0	1	1	1	1	**1**	**9**
Total Patients who Fell	10	26	15	18	21	22	21	21	9	27	19	29	**20**	**238**
Patient Fall Rate	1.30	3.10	1.82	2.14	2.44	2.80	2.44	2.62	1.13	3.42	2.30	3.45	**2.41**	**--**

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

14. Percent of Patients Restrained or Secluded

NPR(R)=7.6%
NPR(S)=2.7%
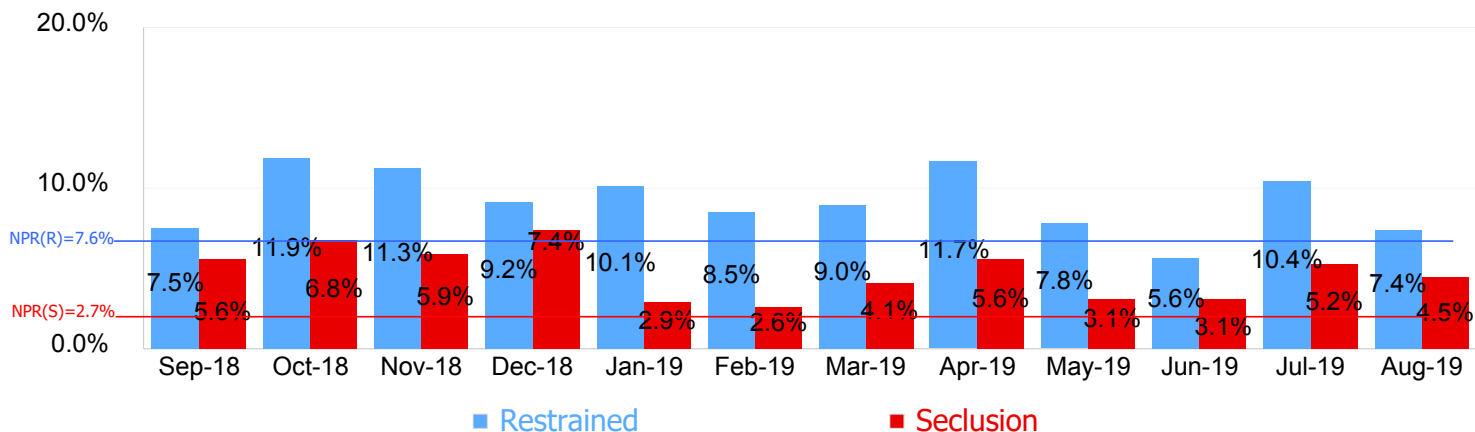
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg
Seclusion	5.6%	6.8%	5.9%	7.4%	2.9%	2.6%	4.1%	5.6%	3.1%	3.1%	5.2%	4.5%	**4.7%**
Restraint	7.5%	11.9%	11.3%	9.2%	10.1%	8.5%	9.0%	11.7%	7.8%	5.6%	10.4%	7.4%	**9.2%**

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.

15. Restraint Hours Rate & Seclusion Hours Rate

NPR(R)=0.60
NPR(S)=0.52
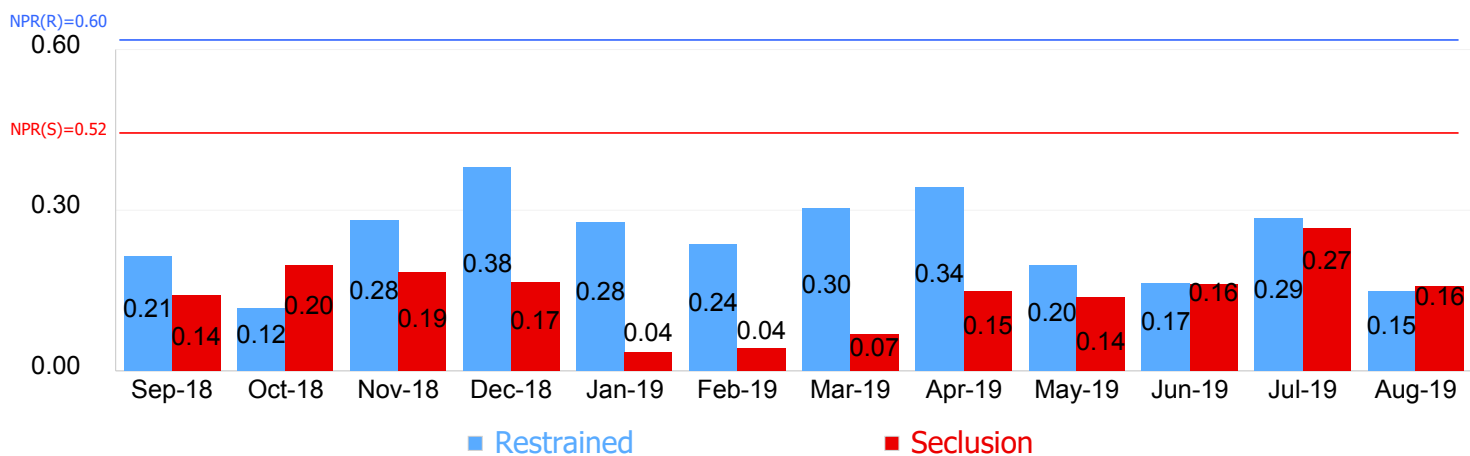
Event Type	Hour Rate												
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg
Restraint	0.21	0.12	0.28	0.38	0.28	0.24	0.30	0.34	0.20	0.17	0.29	0.15	**0.25**
Seclusion	0.14	0.20	0.19	0.17	0.04	0.04	0.07	0.15	0.14	0.16	0.27	0.16	**0.14**

* 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
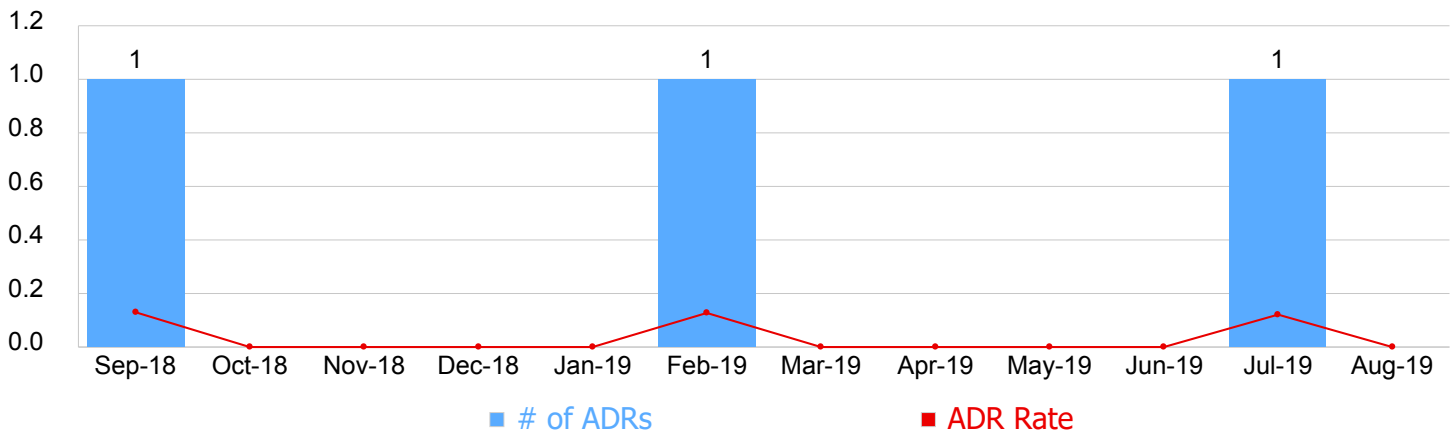
16. Reported Medication Variance Events & Rate
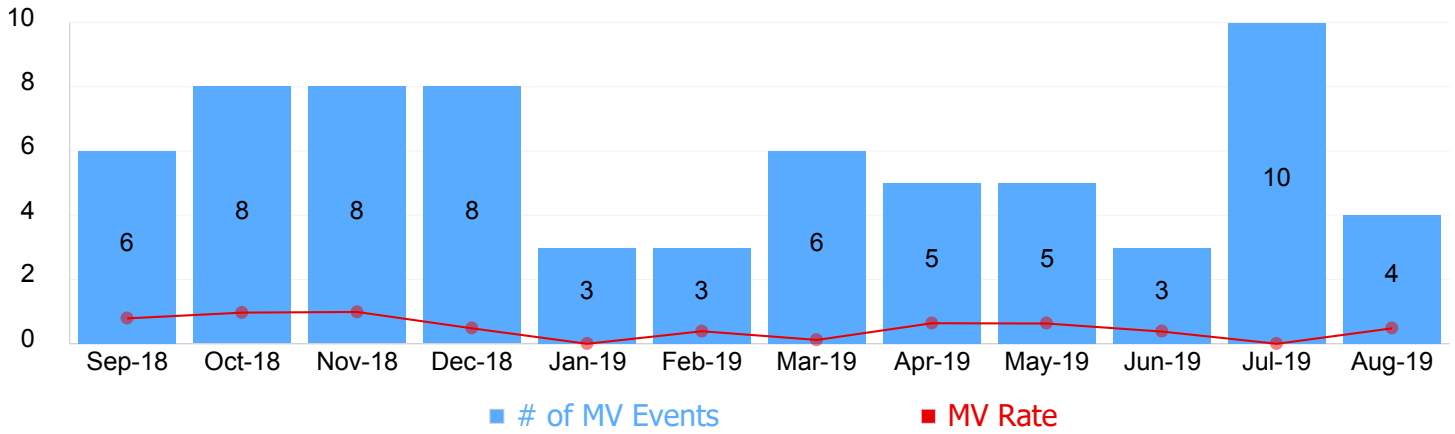
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
# of MV Events	6	8	8	8	3	3	6	5	5	3	10	4	6	69
MV Rate	0.79	0.97	0.99	0.48	0.00	0.39	0.12	0.64	0.63	0.38	0.00	0.48	0.49	5.87

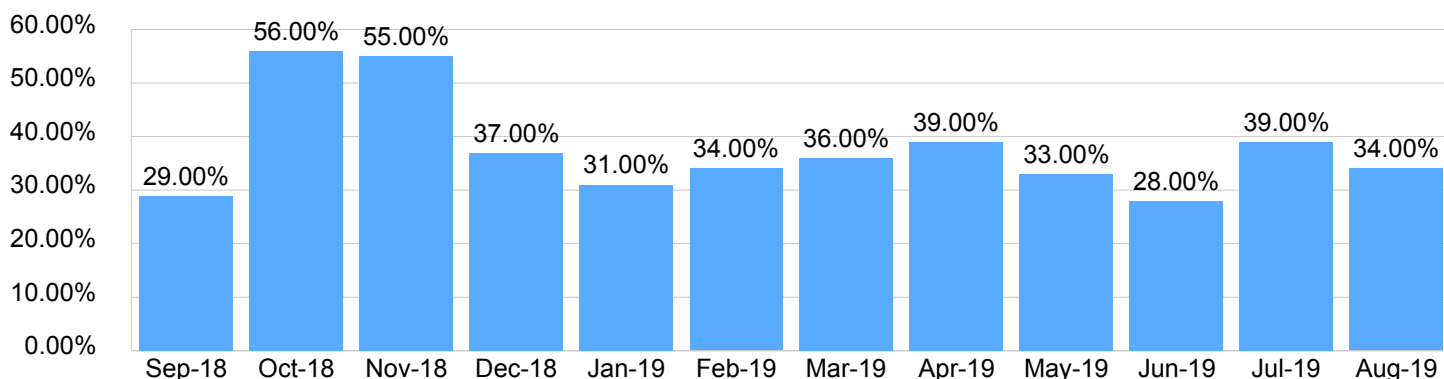* MV Rate: Number of reported medication variance events that occurred for every 1000 inpatient days.

17. Reported Adverse Drug Reactions & Rate

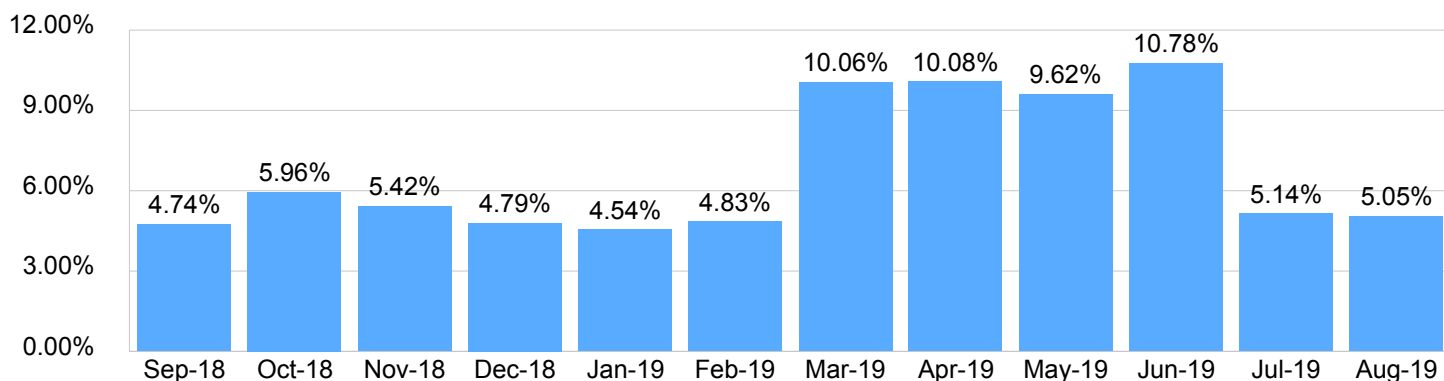|	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg	Total
NumADRs	1	0	0	0	0	1	0	0	0	0	1	0	0	3
ADR Rate	0.13	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.12	0.00	0.03	--

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

18. Percent of Missing Documentation on Med-Administration

Event Type	Rate												
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg
PercOfMissingDocumentation	29.00%	56.00%	55.00%	37.00%	31.00%	34.00%	36.00%	39.00%	33.00%	28.00%	39.00%	34.00%	**37.58%**

19. Medication Refusal Rate

	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
Medication Refusal Rate	4.74	5.96	5.42	4.79	4.54	4.83	10.06	10.08	9.62	10.78	5.14	5.05

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

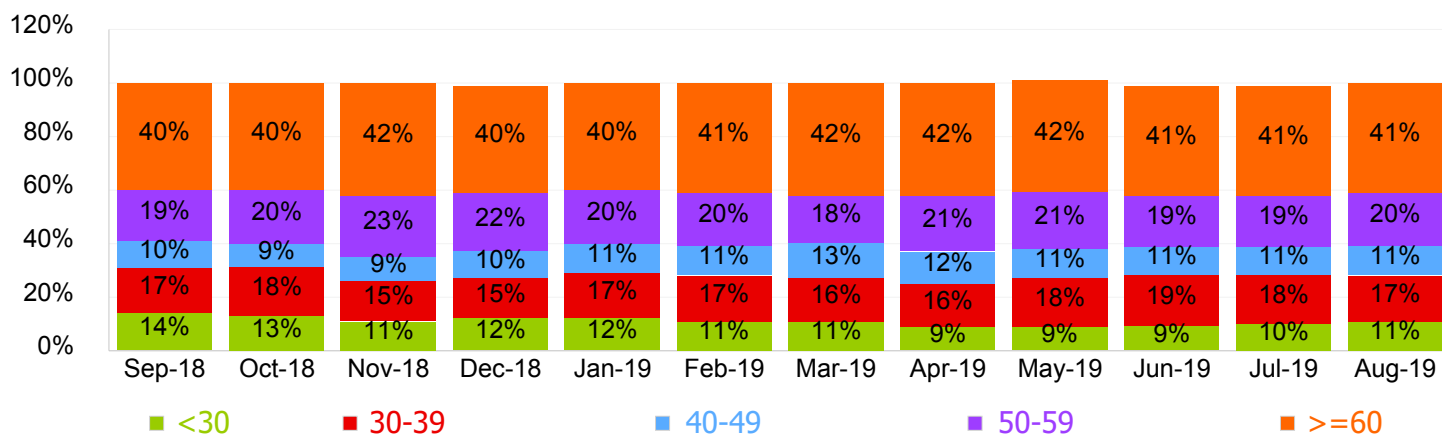## 20. Number of STAT Events and Individuals Involved

Disclaimer: The chart Number of STAT Events is unavailable at this time due to a technical issue with MicroStrategy, the platform that produces the PRISM report. DBH's Division of Data & Performance Management is currently working to identify the source of the technical issue and implement a permanent solution. Once the technical issue has been resolved, the PRISM report will be reissued for the period July 1, 2019-September 30, 2019.

21. Demographics - Trend of Gender Distribution
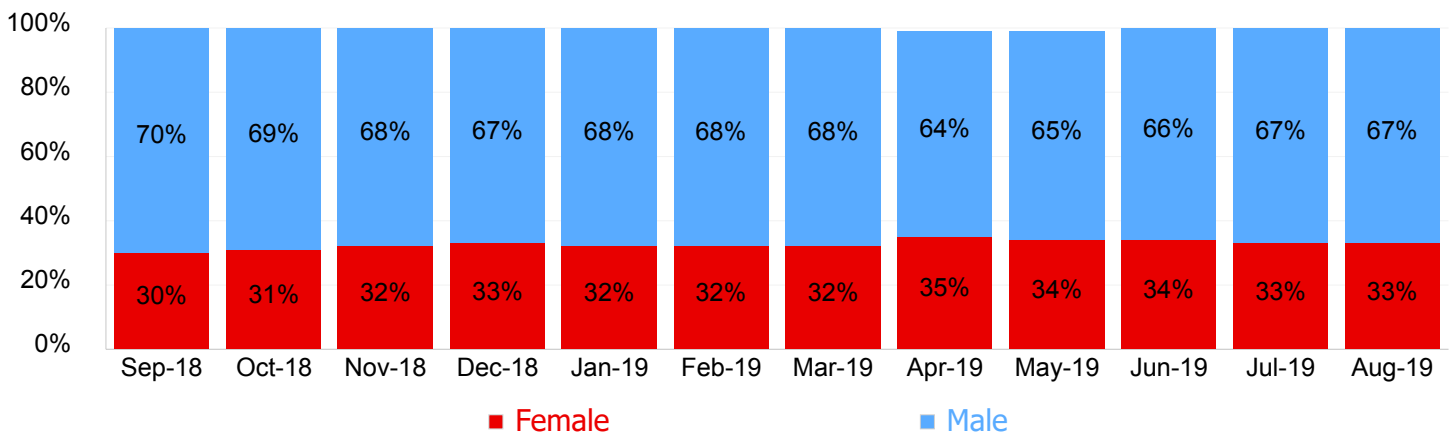
Gender	Rate												Avg
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	
Female	30%	31%	32%	33%	32%	32%	32%	35%	34%	34%	33%	33%	**33%**
Male	70%	69%	68%	67%	68%	68%	68%	64%	65%	66%	67%	67%	**67%**

22. Demographics - Trend of Age Distribution

Age Group	Rate												
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Avg
<30	14%	13%	11%	12%	12%	11%	11%	9%	9%	9%	10%	11%	**11%**
30-39	17%	18%	15%	15%	17%	17%	16%	16%	18%	19%	18%	17%	**17%**
40-49	10%	9%	9%	10%	11%	11%	13%	12%	11%	11%	11%	11%	**11%**
50-59	19%	20%	23%	22%	20%	20%	18%	21%	21%	19%	19%	20%	**20%**
60+	40%	40%	42%	40%	40%	41%	42%	42%	42%	41%	41%	41%	**41%**

23. Length of Stay - Average and Median Length of Stay for Individuals in Care
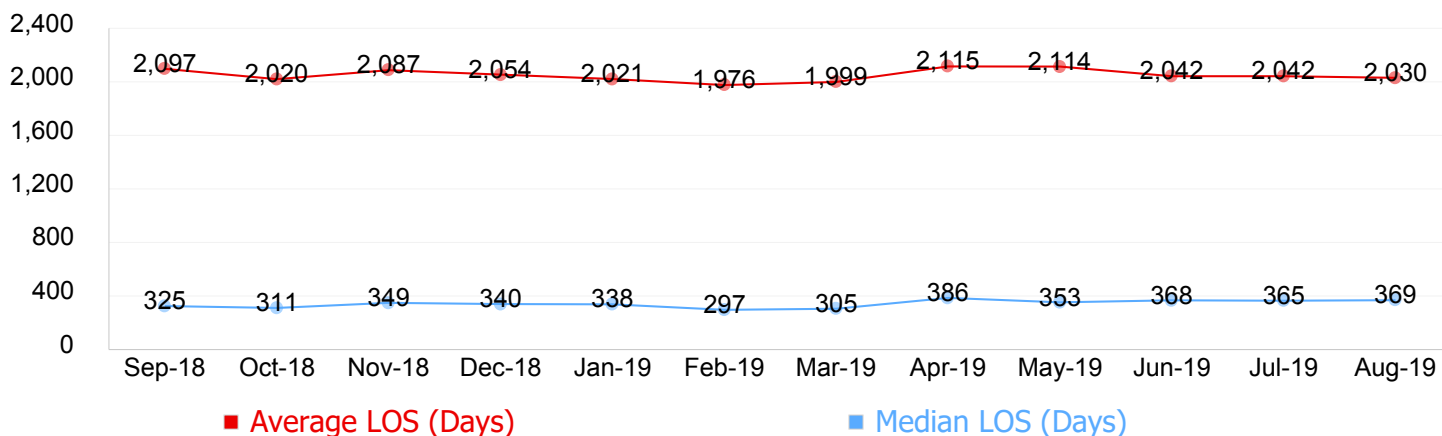
Type	Individuals In Care											
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
Average LOS	2,097	2,020	2,087	2,054	2,021	1,976	1,999	2,115	2,114	2,042	2,042	2,030
Median LOS	325	311	349	340	338	297	305	386	353	368	365	369

24. Length of Stay - Length of Stay for Individuals in Care with Civil Legal Status
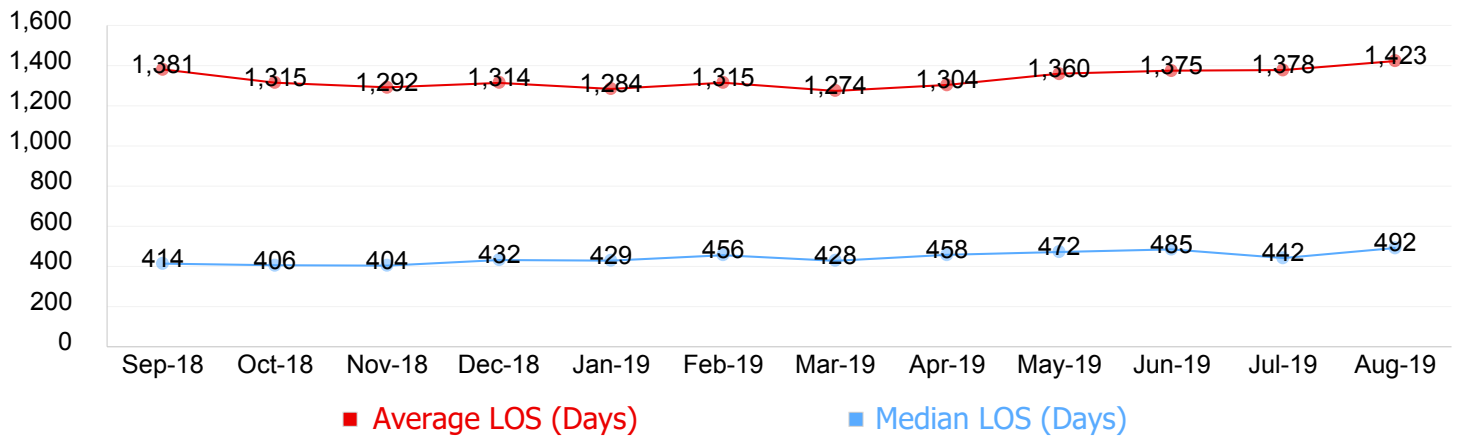
Type	Civil											
	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19
Average LOS	1,381	1,315	1,292	1,314	1,284	1,315	1,274	1,304	1,360	1,375	1,378	1,423
Median LOS	414	406	404	432	429	456	428	458	472	485	442	492