



**pennsylvania**

DEPARTMENT OF HUMAN SERVICES  
OFFICE OF MENTAL HEALTH AND  
SUBSTANCE ABUSE SERVICES



## *Pennsylvania State Hospital Risk Management Summary and Indicator Report*

*October 2018*

Prepared by:  
Christina Sterner, M.S. CPIE  
Wernersville State Hospital  
E-Mail: [csterner@pa.gov](mailto:csterner@pa.gov)

Contributors:  
SMH CPIEs & PI Staff  
Valerie Minnich, RPh  
January 25, 2019

## Introduction

The State Hospital Risk Management System defines an incident as any patient-related event that has the potential for, or which results in, a negative impact upon the quality of patient care or services, including injury or death of a person served in the state hospital system. Past reports can be found on the DHS website using the following link.

<http://www.dhs.pa.gov/publications/forproviders/statehospitalriskmanagementsummaryreports/>

The data dictionary for the measurement system was updated on October 1, 2008, and is available for review as attachments to OMHSAS Bulletin titled Management of Incidents: SI-815 Incident Reporting and Risk Management Policy and Procedural Change. (Available via bulletin search at <http://www.dhs.pa.gov/> .)

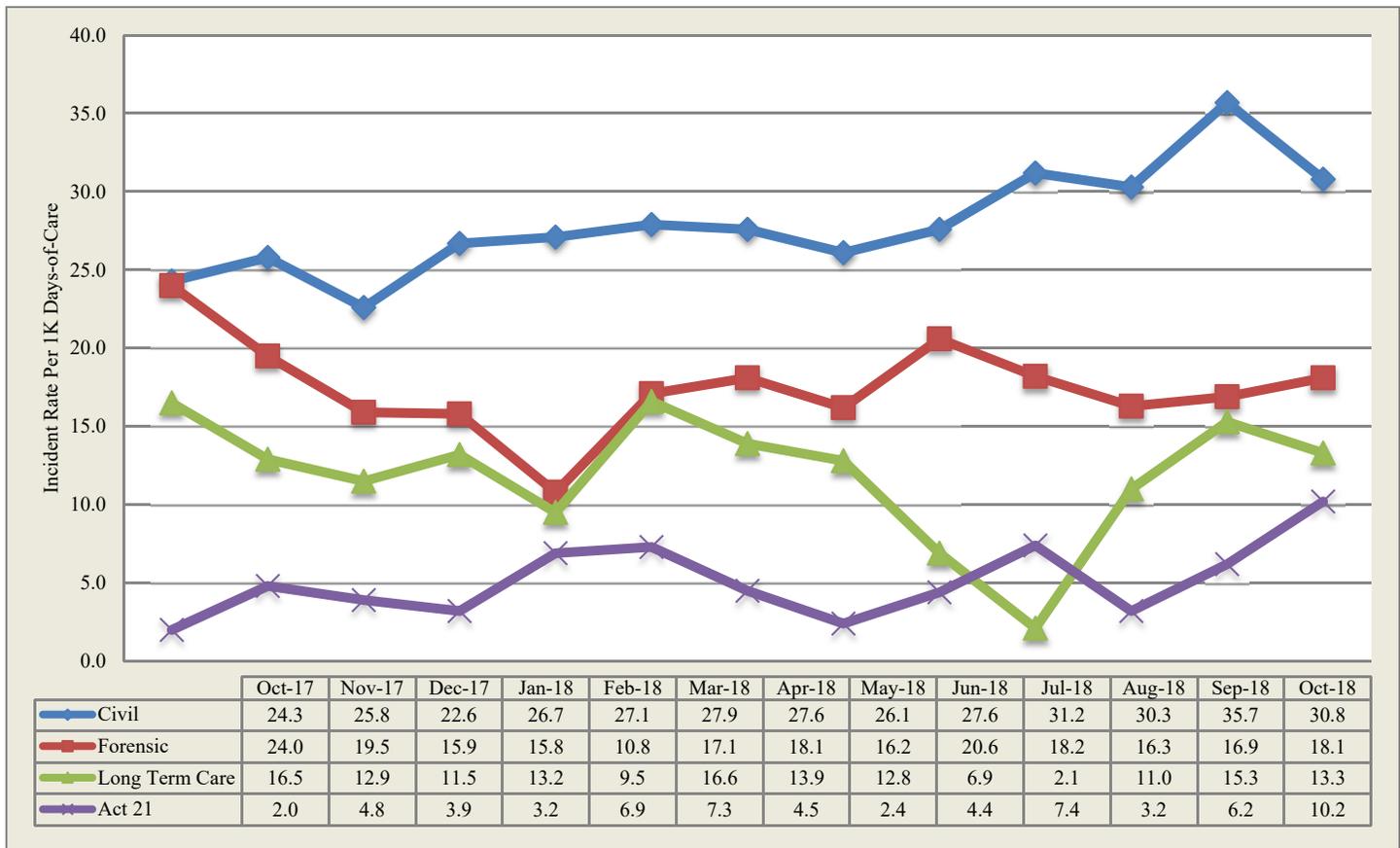
<b>Table of Contents</b>		
<b>Indicator/Measure</b>	<b>Table</b>	<b>Page</b>
<b>Risk Management Indicators</b>		
Census and Rates of Incidents	1	3
Thirteen-Month Trend of Incidents		3
Six-Month Summary of Selected Events		4
Category or Cause of Incidents: Civil	2	5
Primary Effect of Incidents: Civil	3	6
Category or Cause of Incidents: Forensic	4	7
Effect of Incidents: Forensic	5	7
Cause of Incidents: Long Term Care	6	8
Effect of Incidents: Long Term Care	7	8
Cause of Incidents: SRTP	8	9
Effect of Incidents: SRTP	9	9
13-Month Rate of Type 1 Falls per 1,000 Days of Care	10	10
13-Month Trend of Type 1 Falls		10
Hours of Seclusion Use	11	11
Number of Seclusion Events	12	11
Total Hours of Mechanical Restraint by Unit	13	11
Hours of Mechanical Restraint Use: 12 Months	14	11
Number of Mechanical Restraint Events: 12 Months	15	11
Hours of Physical Restraint Use by Unit	16	12
Hours of Physical Restraint Use: 12 Months	17	12
Number of Physical Restraint Events: 12 Months	18	12
24-Month Trend of Restraint and Seclusion Hours		13
Patient-to-Patient Assaults by Unit	19	14
13-Month Rate of Patient-to-Patient Assault Events with Injury per 1,000 Days-of-Care	20	14
Patient-to-Staff Assaults by Unit	21	15
13-Month Rate of Patient-to-Staff Assaults with Injury to Staff per 1,000 Days-of-Care	22	15
Risk Adjusted Table of Selected Safety Indicators	23	16
<b>Wellness Indicators</b>		
Tobacco Users	24	17
Reasons for Hospitalization as a Result of an Incident	25	17
<b>Medication Use Indicators</b>		
Benzodiazepines	26	18
Multiple Atypicals	27	18
Typical-Atypical	28	18
<b>STAT Medication Usage</b>		
Civil	29	19
Forensic	30	20
ACT 21 (SRTP)	31	20

During **October 2018**, a total of **1148** incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. The following is a breakdown of incidents by individual facility and type of care:

**Table 1 - Number of Incident Reports**

	Census 10/31/2018	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	169	5273	88	16.7
Danville	158	4894	206	42.1
Norristown	102	3152	93	29.5
Torrance	155	4634	196	42.3
Warren	141	4307	148	34.4
Wernersville	244	7611	188	24.7
<b>Total Civil</b>	969	29871	919	30.8
<b>Forensic</b>				
Norristown	182	5586	118	21.1
Torrance	100	3039	38	12.5
<b>Total Forensic</b>	282	8625	156	18.1
<b>Act 21</b>				
Act 21	59	1674	17	10.2
Total Act 21	59	1674	17	10.2
<b>Long Term Care</b>				
South Mountain	137	4226	56	13.3
Total L. T. C.	137	4226	56	13.3
<b>Total</b>	1447	44396	1148	25.9

**Thirteen-Month Trend of Incidents by Type of Care per 1,000 Days of Care**



\*Note: Rules regarding the reporting of incidents involving patient-to-patient assaults require a separate incident report form on each person involved in an altercation. This includes both the aggressor, when known and any other person involved. The numbers reported above reflect the monthly, total number of SI-815 reports coded as Patient-to-Patient Assaults and not the actual number of altercations.

The following table is refreshed each month from the most recent data (recent 6 month period) available from the State Hospital System RM database.

CATEGORY	Count	May_18	Jun_18	Jul_18	Aug_18	Sep_18	Oct_18
Accident-Injury	206	28	32	27	26	47	46
Adverse Drug Reaction	7	1	2		1	1	2
Aggression	892	121	122	181	162	155	151
Airway Obstruction type 1 Intervention	25		5	2	3	8	7
Airway Obstruction type 2 No Intervention	8	2		2	2	2	
Alcohol Use/Possession/Suspected or Confirmed	2	1		1			
Alleged Nonconsensual Sexual Activity	10	1		3		4	2
Alleged Pt. Abuse	51	3	9	8	10	8	13
Assault, Pt./Pt	1571	227	265	254	245	340	240
Assault, Pt./Staff	490	71	78	81	85	97	78
Assault: Patient/Other	3			1	1		1
AWOL/UA	51	11	6	10	10	6	8
AWOL-Attempt	58	10	7	13	9	8	11
AWOL-Late	55	10	14	14	6	5	6
Change in Medical Status-Stabilized	44	9	5	5	8	7	10
Change in Medical Status-Transferred	283	37	41	64	45	36	60
Charged post admit/crime committed prior to admit	6		2	1	2	1	
Communications Sys. Misuse	61	4	9	13	14	13	8
Community Incident	6	1		1		1	3
Contraband Possession	98	19	17	19	9	18	16
Fall Type 1-Injury with treatment	318	46	48	39	57	61	67
Fall Type 2-No treatment needed	752	121	99	121	131	132	148
Family Concern	6	2		1			3
Fire Setting	1		1				
Illicit Substance Use/Possession	5		4		1		
Indeterminate/Unconfirmed Cause of Injury	69	15	14	10	8	15	7
Medication Error	96	22	13	9	17	20	15
Missing Property	27	5	4	5	4	6	3
Other	403	53	69	55	75	77	74
Procedural Treatment Error	20	4	1	2	5	6	2
Property Damage	75	8	9	12	13	15	18
Seizure	43	6	5	7	8	8	9
Self-Injurious behavior	736	130	110	128	120	136	112
Sexual Behavior	82	9	16	12	29	8	8
Smoking Violation	53	7	8	17	6	9	6
Substantiated Nonconsensual Sexual Activity	6	5				1	
Sudden Acute Illness	1					1	
Suicide Attempt	11	2	4	3	2		
Suicide threat/plan	9	2	1	1		1	4
Theft	8	1	1	1	1		4
Unknown	4	1	1			1	1
Unsubstantiated Nonconsensual Sexual Activity	9	4	1	2	1		1
Unsubstantiated Patient Abuse	7	2			1		4

**Table 2 - Category or Cause of Incidents in the Civil Hospitals**

Primary Cat #	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	0	3	4	9	7	4	27
Adverse Drug Reaction	0	0	1	1	0	0	2
Aggression	16	9	5	44	30	28	132
Airway Obstruction type 1 Intervention	0	4	1	1	0	0	6
Alleged Pt. Abuse	5	0	0	0	2	5	12
Assault, Pt./Pt	8	67	27	28	15	25	170
Assault, Pt./Staff	3	19	6	10	13	13	64
Assault: Patient/Other	0	1	0	0	0	0	1
AWOL/UA	0	1	2	1	1	3	8
AWOL-Attempt	0	3	2	1	1	3	10
AWOL-Late	0	2	0	0	2	2	6
Change in Medical Status-Stabilized	1	0	3	2	2	2	10
Change in Medical Status-Transferred	13	0	7	6	4	14	44
Communications Sys. Misuse	3	5	0	0	0	0	8
Community Incident	0	0	0	2	1	0	3
Contraband Possession	0	4	1	5	3	2	15
Fall Type 1-Injury with treatment	6	9	0	14	4	18	51
Fall Type 2-No treatment needed	20	30	6	18	21	24	119
Family Concern	2	0	0	1	0	0	3
Indeterminate/Unconfirmed Cause of Injury	2	0	2	0	0	3	7
Medication Error	0	9	1	0	0	0	10
Missing Property	0	1	0	0	0	1	2
Other	3	13	4	18	2	20	60
Procedural Treatment Error	0	1	0	0	0	0	1
Property Damage	0	11	2	1	2	0	16
Seizure	0	0	1	0	4	1	6
Self-Injurious behavior	5	10	11	25	33	16	100
Sexual Behavior	0	1	0	5	0	1	7
Smoking Violation	0	0	5	1	0	0	6
Suicide threat/plan	1	0	0	0	0	2	3
Theft	0	1	2	0	0	1	4
Unknown	0	0	0	1	0	0	1
Unsubstantiated Nonconsensual Sexual Activity	0	0	0	0	1	0	1
Unsubstantiated Patient Abuse	0	2	0	2	0	0	4
Totals	88	206	93	196	148	188	919

**Table 3 - Primary Effect of Incidents in the Civil Hospitals**

Primary effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Unknown	0	0	0	0	1	0	1
Abrasion/scrape/scratch/hematoma	5	11	7	27	14	15	79
Allergic reaction	0	0	0	2	0	0	2
Asphyxiation	0	0	0	2	0	0	2
Bite-Insect	0	0	0	3	0	0	3
Body System Illness	3	2	0	0	2	3	10
Bruise/contusion/discoloration	3	1	2	4	3	6	19
Burn/Scald	0	0	0	0	1	0	1
Cellulitis	0	1	0	0	0	0	1
Death	1	0	0	0	0	0	1
Dislocation	0	0	0	3	0	0	3
Edema/swelling	0	3	2	2	0	2	9
Emesis	0	0	2	2	0	1	5
Epistaxis	0	2	2	3	2	0	9
Erythema/redness	2	1	1	6	5	3	18
Fever	0	0	0	1	0	0	1
Fracture	0	1	0	0	0	1	2
Ingestion of foreign body	2	3	1	1	0	4	11
Laceration: NO sutures/staples/steri-strips	0	1	1	2	2	2	8
Laceration: with steristrips/glue	0	0	1	1	0	0	2
Laceration: with sutures/staples	0	1	1	3	0	0	5
Lethargy	3	1	1	1	0	0	6
No Injury/NA	57	167	58	118	113	128	641
Other	1	5	3	7	0	2	18
Pain unspecified	0	1	0	1	0	1	3
Pain, Specified	7	3	7	4	1	13	35
Puncture/stab wound	0	0	0	0	0	1	1
Respiratory Distress	2	1	0	2	0	3	8
Seizure	1	0	2	0	2	2	7
Skin Irritation/Rash	0	0	0	1	0	1	2
Sunburn	0	0	0	0	1	0	1
Syncopal episode	0	1	0	0	1	0	2
Unconscious/Unresponsive	1	0	1	0	0	0	2
Visual changes	0	0	1	0	0	0	1
Totals	88	206	93	196	148	188	919

**Table 4 - Cause of Incidents in the Forensic Units Category or Cause of Incidents in the Forensic Service by Unit**

Primary Cat #	NSH									TSH					Sys
	51A1	51A2	51B1	51B2	51C1	51C2	10D1	10E1	Total	FB3	FB4	FC1	FC2	Total	Count
Accident-Injury			1			1		1	3					0	3
Aggression			1	2			1		4	2	1	9		12	16
Alleged Nonconsensual Sexual Activity								2	2					0	2
Alleged Pt. Abuse				1					1					0	1
Assault, Pt./Pt	6	6	4	14	14	16		3	63	1			4	5	68
Assault, Pt./Staff		1	1	6	1	3			12		1			1	13
AWOL-Attempt		1							1					0	1
Change in Medical Status-Transferred					1		1	3	5		1	1	1	3	8
Contraband Possession								1	1					0	1
Fall Type 1-Injury with treatment	1	1						1	3		2	1	1	4	7
Fall Type 2-No treatment needed			3	2				3	8		7	1		8	16
Medication Error						1			1					0	1
Other				1	1		1	4	7			2		2	9
Property Damage									0				1	1	1
Seizure	1						1		2			1		1	3
Self-Injurious behavior		1		2	1	1			5			1		1	6
<b>Totals</b>	<b>8</b>	<b>10</b>	<b>10</b>	<b>28</b>	<b>18</b>	<b>22</b>	<b>4</b>	<b>18</b>	<b>118</b>	<b>3</b>	<b>12</b>	<b>16</b>	<b>7</b>	<b>38</b>	<b>156</b>

**Table 5 - Effect of Incidents in the Forensic Service by Unit**

EFFECT	NSH									TSH					Sys
	51A1	51A2	51B1	51C1	51C2	51B2	10D1	10E1	Total	FB3	FB4	FC1	FC2	Total	Count
Abrasion/scrape/scratch/hematoma	1		2		1	3			7			3		3	10
Allergic reaction									0	1				1	1
Body System Illness								1	1					0	1
Bruise/contusion/discoloration		1		1	1				3				1	1	4
Death								1	1					0	1
Edema/swelling	1				1				2		2	1		3	5
Erythema/redness			1					1	2		1			1	3
Ingestion of foreign body					1				1					0	1
Laceration: with steristrips/glue	1								1					0	1
Lethargy				1			1		2		1			1	3
Muscle pull/strain/sprain									0		1			1	1
No Injury/NA	4	8	7	15	18	25	2	12	91	2	7	10	3	22	113
Other				1				3	4			2	1	3	7
Pain, Specified		1							1				2	2	3
Seizure	1						1		2					0	2
<b>Totals</b>	<b>8</b>	<b>10</b>	<b>10</b>	<b>18</b>	<b>22</b>	<b>28</b>	<b>4</b>	<b>18</b>	<b>118</b>	<b>3</b>	<b>12</b>	<b>16</b>	<b>7</b>	<b>38</b>	<b>156</b>

**Table 6 -Cause of Incidents in the Long Term Care Facility**

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	2	6		1	2	11
Aggression		1	1			2
Airway Obstruction type 1 Intervention					1	1
Assault, Pt./Pt			2			2
Assault, Pt./Staff				1		1
Change in Medical Status-Transferred	1	1	2	1	3	8
Fall Type 1-Injury with treatment	2	2	4	1		9
Fall Type 2-No treatment needed	3	2	7			12
Medication Error	2			1		3
Missing Property			1			1
Other	1	1		1		3
Procedural Treatment Error			1			1
Property Damage			1			1
Sexual Behavior			1			1
Totals	11	13	20	6	6	56

**Table 7 - Effect of Incidents in the Long Term Care Facility**

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	2	4	4	2		12
Body System Illness			1			1
Bruise/contusion/discoloration	1	3			2	6
Death	1					1
Laceration: with sutures/staples	1					1
Lethargy		1			2	3
No Injury/NA	5	5	13	4	1	28
Other	1		2		1	4
Totals	11	13	20	6	6	56

**Act-21-Sexual Responsibility & Treatment Program at Torrance State Hospital**

In July 2003, the Pennsylvania Legislature enacted Act 21 for adjudicated youth, aging out of the juvenile justice system who have a "mental abnormality" that renders them unable to control their violent sexual impulses. The Act mandates the state to provide mental health and sex-offense specific treatment to an identified population that had been adjudicated of certain sex crimes, received treatment in a juvenile program, yet remains a significant risk to sexually re-offend after reaching the age of 21, an age when oversight by the juvenile justice system typically ends. The Act requires the referral of such individuals who have committed these specific crimes to the Pennsylvania Sexual Offenders Assessment Board (SOAB) ninety days prior to their 20th birthday for purposes of determining if the individual has "serious difficulty in controlling sexually violent behavior." If so determined, a petition for a mental health hearing will be made for determination of civil commitment to the Sexual Responsibility and Treatment Program (SRTP) on the grounds of Torrance State Hospital. On July 1, 2006, the operation of this program transferred from an independent contractor to the Torrance State Hospital.

**Table 8 - Cause of Incidents in the Sexual Responsibility and Treatment Program**

Cause	TOR	Count
Accident-Injury	5	5
Aggression	1	1
Fall Type 2-No treatment needed	1	1
Medication Error	1	1
Other	2	2
Self-Injurious behavior	6	6
Suicide threat/plan	1	1
Totals	17	17

**Table 9 - Effect of Incidents in the Sexual Responsibility and Treatment Program**

Primary effect	TOR	Count
Abrasion/scrape/scratch/hematoma	6	6
Bruise/contusion/discoloration	1	1
Edema/swelling	1	1
No Injury/NA	8	8
Pain, Specified	1	1
Totals	17	17

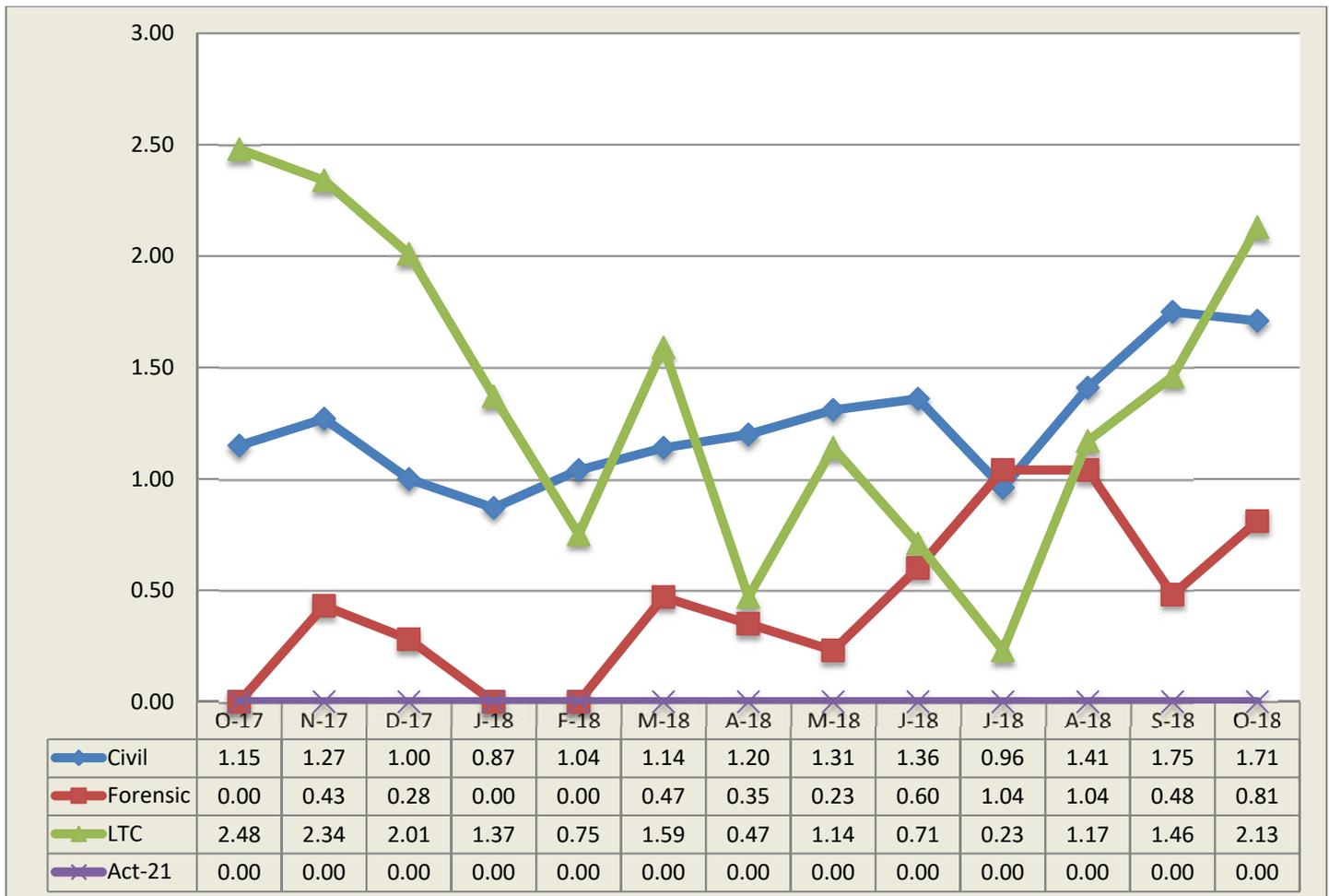
## Falls

Falls within the state hospital risk management system are divided into two categories, type 1 and type 2, with the need for medical intervention or lack thereof defining the difference. The following data relates to falls, type 1 which are defined as an involuntary descent to a lower position, excluding seizures, that is witnessed or reported and requires medical intervention.

**Table 10 - 13-Month Rate of Type 1 Falls Per 1,000 Days-of-Care**

M/Year	Civil Hospital							Forensic			A21	LTC	Sys Avg
	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Oct-17	1.60	1.21	0.79	0.40	1.08	1.48	1.15	0.00	0.00	0.00	0.00	2.48	1.06
Nov-17	1.49	0.42	1.12	0.42	1.34	2.19	1.27	0.75	0.00	0.43	0.00	2.34	1.20
Dec-17	0.91	0.63	0.30	0.41	1.31	1.74	1.00	0.48	0.00	0.28	0.00	2.01	0.95
Jan-18	1.10	0.20	0.93	0.63	0.65	1.36	0.87	0.00	0.00	0.00	0.00	1.37	0.75
Feb-18	1.62	0.68	0.35	0.00	1.59	1.40	1.04	0.64	0.00	0.00	0.00	0.75	0.86
Mar-18	1.47	0.81	1.27	0.43	0.87	1.64	1.14	0.54	0.33	0.47	0.00	1.59	1.01
Apr-18	1.72	0.63	0.98	0.42	1.59	1.56	1.20	0.18	0.68	0.35	0.00	0.47	0.93
May-18	1.13	0.63	1.27	0.82	1.99	1.76	1.31	0.18	0.33	0.23	0.00	1.14	1.04
Jun-18	1.15	0.84	1.31	0.65	1.42	2.25	1.36	0.92	0.00	0.60	0.00	0.71	1.10
Jul-18	0.37	1.22	1.27	0.84	0.69	1.29	0.96	1.59	0.00	1.04	0.00	0.23	0.87
Aug-18	1.11	0.61	2.21	2.06	1.14	1.56	1.41	1.41	0.33	1.04	0.00	1.17	1.26
Sep-18	1.55	0.64	1.62	3.30	0.94	2.17	1.75	0.55	0.34	0.48	0.00	1.46	1.41
Oct-18	1.14	1.84	0.00	3.02	0.93	2.36	1.71	0.54	1.32	0.81	0.00	2.13	1.51

**13-Month Trend of Type 1 Falls by Type of Care per 1,000 Days-of-Care**



**State Hospital Use of Seclusion**

**Civil and Forensic**

Data on seclusion use for psychiatric reasons includes the civil and forensic populations and is reported for both monthly and yearly totals.

**Table 11 - Hours of Seclusion Use, Monthly Totals for Past Year**

No Use of Seclusion in PA State Hospital system since July 2013

**Table 12 - Number of Seclusion Events, Monthly Totals for Past Year**

No Use of Seclusion in PA State Hospital system since July 2013

**State Hospital Use of Mechanical Restraint**

**Civil and Forensic**

Data on mechanical restraint use for psychiatric reasons includes the forensic and civil populations and is reported for both monthly and yearly totals.

**Table 13 - Total Hours of Mechanical Restraint Use by Hospital and Unit In Month**

No use of Mechanical Restraint in PA State Hospital system since September 2015

**Table 14 - Hours of Mechanical Restraint Use, Monthly Totals for Past Year**

No use of Mechanical Restraint in PA State Hospital system since September 2015

**Table 15 - Number of Mechanical Restraint Events, Monthly Totals for Past Year**

No use of Mechanical Restraint in PA State Hospital system since September 2015

**State Hospital Use of Physical Holds**

Data on physical holds use for psychiatric reasons includes all level of care populations and is reported for both monthly and yearly totals. Physical hold events lasting less than 60 seconds are reflected as 0.00 hours.

**Table 16 - Hours of Physical Holds (Restraint) Used by Hospital & Unit**

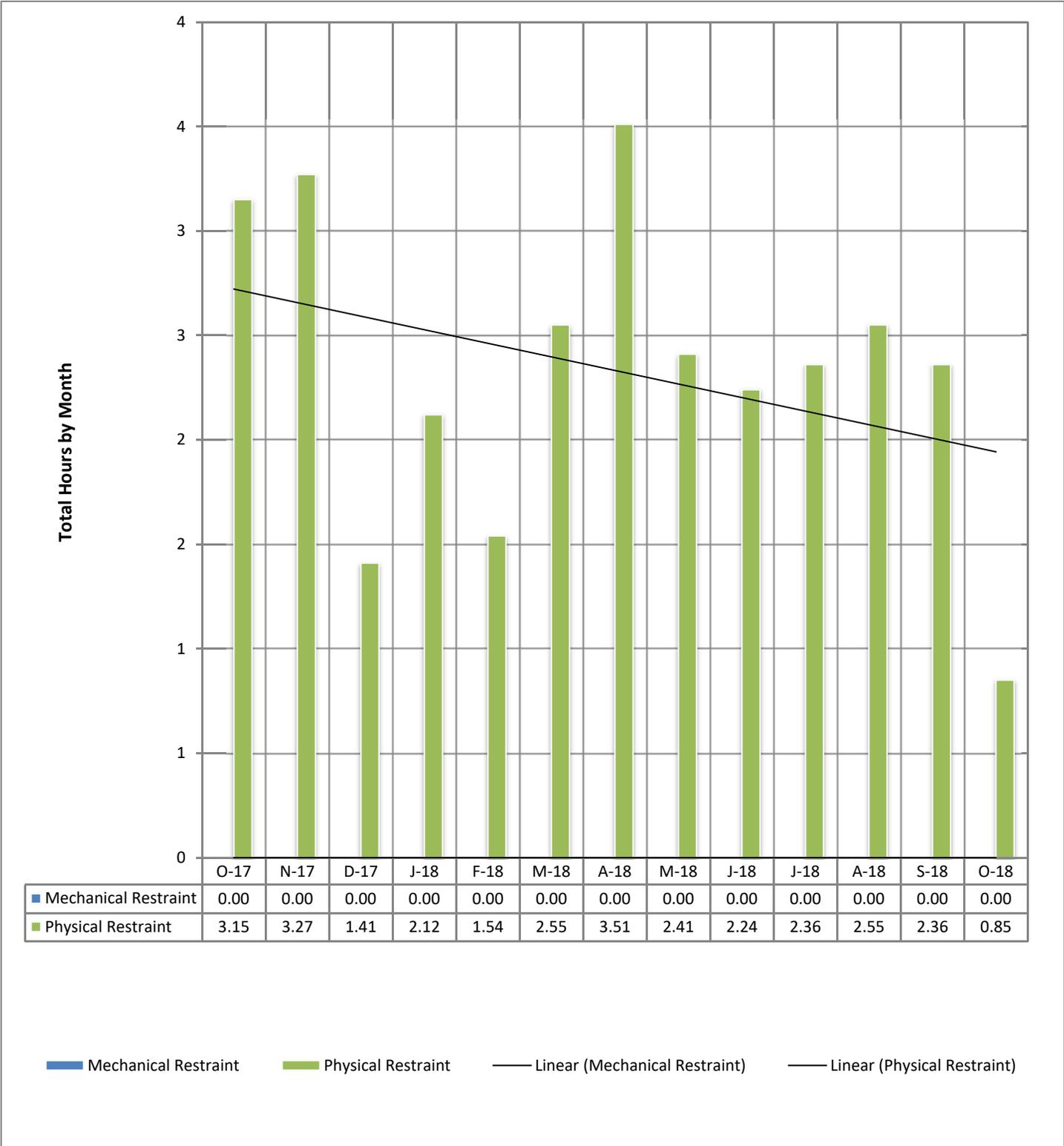
ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total
NOR	01C2	0.12	NOR	51C1	0.04	NOR	10C2	0.02
CLA	7	0.12	WER	35-4	0.04	NOR	51B1	0.01
CLA	3	0.11	WER	35-3	0.03	NOR	51B2	0.01
CLA	6	0.10	DAN	212	0.03	CLA	2	0.01
WER	35-2	0.05	NOR	10E1	0.02	WER	34-4	0.01
TOR	024	0.05	NOR	51C2	0.02	NOR	51A2	0.003
TOR	022	0.05	DAN	312	0.02	NOR	10D1	0.001

**Table 17 - Hours of Physical Holds (Restraint) Use, Monthly Totals for Past Year**

ABV	Total	Nov_17	Dec_17	Jan_18	Feb_18	Mar_18	Apr_18	May_18	Jun_18	Jul_18	Aug_18	Sep_18	Oct_18
CLA	11.33	1.25	1.48	1.49	0.98	0.68	1.30	0.93	0.40	0.73	0.69	0.75	0.67
DAN	2.95	0.11	0.01	0.21	0.13	0.11	0.59	0.59	0.33	0.25	0.43	0.14	0.05
NOR	5.56	0.32	0.17	0.11	0.27	0.40	0.35	0.44	0.64	1.03	1.07	0.52	0.24
TOR	20.07	2.90	0.43	1.90	0.57	2.77	3.15	1.30	1.88	1.15	1.40	2.52	0.10
WAR	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
WER	1.82	0.05	0.21	0.04	0.48	0.03	0.16	0.09	0.01	0.50	0.10	0.02	0.13
<b>Total</b>	<b>41.76</b>	<b>4.63</b>	<b>2.30</b>	<b>3.75</b>	<b>2.42</b>	<b>3.98</b>	<b>5.55</b>	<b>3.34</b>	<b>3.26</b>	<b>3.70</b>	<b>3.70</b>	<b>3.96</b>	<b>1.19</b>

**Table 18 - Number of Physical Holds (Restraint) Events, Monthly Totals for Past Year**

ABV	Total	Nov_17	Dec_17	Jan_18	Feb_18	Mar_18	Apr_18	May_18	Jun_18	Jul_18	Aug_18	Sep_18	Oct_18
CLA	124	13	23	7	9	8	12	10	3	7	14	7	11
DAN	64	8	2	3	2	4	9	5	7	4	10	7	3
NOR	272	24	13	17	14	21	24	24	22	27	29	34	23
TOR	114	17	5	14	5	17	10	7	15	8	6	8	2
WAR	1	0	0	0	0	0	0	0	0	1	0	0	0
WER	55	3	5	2	7	2	3	2	1	14	4	3	9
<b>Total</b>	<b>630</b>	<b>65</b>	<b>48</b>	<b>43</b>	<b>37</b>	<b>52</b>	<b>58</b>	<b>48</b>	<b>48</b>	<b>61</b>	<b>63</b>	<b>59</b>	<b>48</b>



## Assaults

Assaults within the state hospital system are defined as any aggressive act by a patient, involving physical contact that may or may not result in injury. Assaults can be directed at a peer, staff or any other individual. The system was designed to require an incident report (form SI-815) on any patient involved in a physical altercation regardless of who may have started the assault. Therefore, every patient-to-patient altercation will result in at least two incident reports.

**Table 19 - Patient-to-Patient Assaults by Unit, All Levels of Care**

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
DAN	212	32	NOR	51A2	6	WAR	2NM	2
NOR	51C2	16	WAR	3SW	6	TOR	022	2
NOR	01C2	15	TOR	012	5	SMO	5A	2
NOR	51C1	14	WER	35-4	5	CLA	3	2
NOR	51B2	14	CLA	7	4	WER	35-3	2
DAN	211	12	NOR	01A1	4	CLA	5	2
WER	35-2	12	TOR	FC2	4	WAR	3IM	2
TOR	013	9	NOR	51B1	4	WAR	2SW	1
NOR	10C2	8	WAR	3IF	3	TOR	FB3	1
DAN	311	8	WER	34-2	3	WAR	3NM	1
DAN	210	8	NOR	10E1	3	WER	34-4	1
DAN	310	7	TOR	024	3	WER	37-2	1
TOR	021	6	TOR	014	3	WER	37-1	1
NOR	51A1	6						

**Table 20 - Rate of Patient-to-Patient Assaults Events with Patient Injury per 1,000 Days-of-Care**

Pt.-to-Pt. Assault w/ any Injury	Civil							Forensic			S RTP
	Cla	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Oct-17	0.53	0.40	3.18	2.01	0.86	0.25	1.03	3.37	0.33	2.09	0.00
Nov-17	0.19	0.63	4.21	2.09	0.89	0.77	1.27	0.75	0.00	0.43	0.00
Dec-17	0.36	0.00	2.43	2.07	0.44	0.62	0.87	4.06	0.98	2.76	0.66
Jan-18	1.28	0.61	5.27	0.85	1.09	0.62	1.32	2.86	0.66	1.94	1.25
Feb-18	1.22	0.23	4.87	2.90	2.04	0.84	1.72	1.72	2.19	1.89	0.00
Mar-18	0.73	1.22	4.43	1.72	0.43	0.75	1.30	3.05	1.65	2.56	0.00
Apr-18	0.57	1.05	3.26	0.42	2.94	0.52	1.24	3.62	4.77	4.02	0.00
May-18	0.19	2.74	2.53	1.02	1.77	0.00	1.14	2.30	0.99	1.84	0.00
Jun-18	0.19	1.47	2.94	1.08	0.94	1.33	1.22	3.31	0.69	2.40	0.00
Jul-18	0.74	0.20	3.82	1.05	0.69	0.90	1.05	3.53	0.34	2.44	0.00
Aug-18	0.19	0.61	0.95	0.83	2.05	1.69	1.08	2.12	1.00	1.73	0.00
Sep-18	0.77	1.48	3.88	1.98	1.65	1.36	1.68	2.94	0.34	2.03	0.00
Oct-18	0.57	0.82	2.54	1.51	0.23	0.66	0.94	0.54	0.33	0.46	0.00

**Table 21 - Patient-to-Staff Assault Events by Unit, All Levels of Care**

ABV	WARD	Cnt
DAN	310	8
WAR	IBE	7
WER	35-3	6
NOR	51B2	6
NOR	01C2	5
DAN	210	4
DAN	212	4
TOR	012	4
TOR	022	4
WAR	3IF	3
WER	35-2	3

ABV	WARD	Cnt
NOR	51C2	3
CLA	3	3
NOR	51B1	1
NOR	51A2	1
NOR	01A1	1
DAN	311	1
DAN	211	1
DAN	312	1
NOR	51C1	1
TOR	011	1

ABV	WARD	Cnt
WER	37-1	1
TOR	014	1
TOR	FB4	1
WAR	2NM	1
WAR	2SW	1
WAR	3SW	1
WER	34-2	1
WER	34-4	1
WER	35-4	1
SMO	6A	1

**Table 22 - Rate of Patient-to-Staff Assault Events with Injury to Staff per 1,000 Days-of-Care**

Pt/Staff Assault w/ Staff Inj per 1K days	Civil							Forensic			S RTP
	Cl a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Oct-17	0.18	0.80	0.00	0.40	0.86	0.62	0.50	1.21	1.00	1.12	0.00
Nov-17	0.19	0.63	0.56	0.63	1.57	0.62	0.59	0.25	0.34	0.29	0.00
Dec-17	0.73	0.21	0.30	0.41	0.65	0.50	0.48	0.00	0.00	0.00	0.00
Jan-18	0.92	0.00	0.31	1.06	2.83	0.25	0.84	1.43	0.66	1.11	0.00
Feb-18	0.00	0.00	0.35	0.00	0.45	0.42	0.21	0.64	0.00	0.41	0.00
Mar-18	0.18	0.20	0.00	0.21	0.87	1.01	0.49	0.36	0.66	0.47	0.00
Apr-18	0.57	0.42	0.98	0.42	1.36	0.52	0.67	0.91	0.34	0.71	0.64
May-18	0.56	0.63	1.58	0.61	0.22	0.25	0.55	0.35	0.99	0.57	0.00
Jun-18	0.19	0.84	1.31	0.65	0.71	0.40	0.61	0.55	1.04	0.72	0.00
Jul-18	0.00	0.41	0.64	1.26	1.15	1.16	0.79	0.71	0.00	0.46	0.00
Aug-18	0.56	1.41	1.58	0.62	1.82	1.01	1.12	0.53	0.00	0.35	0.00
Sep-18	0.19	0.21	0.32	0.22	2.36	0.68	0.65	0.55	1.02	0.72	0.00
Oct-18	0.38	0.61	0.32	1.73	0.93	0.66	0.77	0.54	0.33	0.46	0.00

**Table 23 - Risk Adjusted Safety Indicators**

Oct-18	Civil							Forensic					
Month	Cl	Dan	Nor	Tor	War	Wer	C. Total	Nor	Tor	F. Total	LTC	SRTP	System
Patient Days	5273	4894	3152	4634	4307	7611	29871	5586	3039	8625	4226	1674	44396
Census	171	158	102	154	137	244	966	182	99	281	137	60	1444
<b>Safety Indicators</b>													
Type 1 Falls (count)	6	9	0	14	4	18	51	3	4	7	9	0	67
Num Per 1,000 Pt Days	1.14	1.84	0.00	3.02	0.93	2.36	1.71	0.54	1.32	0.81	2.13	0.00	1.51
Total Falls (count)	26	39	6	32	25	42	170	11	12	23	21	1	215
Num Per 1,000 Pt Days	4.93	7.97	1.90	6.91	5.80	5.52	5.69	1.97	3.95	2.67	4.97	0.60	4.84
PT:PT Assaults w/Injury(count)	3	4	8	7	1	5	28	3	1	4	0	0	32
Num Per 1,000 Pt Days	0.57	0.82	2.54	1.51	0.23	0.66	0.94	0.54	0.33	0.46	0.00	0.00	0.72
Total PT:PT Assault Events (count)	8	67	27	28	15	25	170	63	5	68	2	0	240
Num Per 1,000 Pt Days	1.52	13.69	8.57	6.04	3.48	3.28	5.69	11.28	1.65	7.88	0.47	0.00	5.41
PT:Staff Assaults w/Injury(count)	2	3	1	8	4	5	23	3	1	4	0	0	27
Num Per 1,000 Pt Days	0.38	0.61	0.32	1.73	0.93	0.66	0.77	0.54	0.33	0.46	0.00	0.00	0.61
Total PT:Staff Assault Events (count)	3	19	6	10	13	13	64	12	1	13	1	0	78
Num Per 1,000 Pt Days	0.57	3.88	1.90	2.16	3.02	1.71	2.14	2.15	0.33	1.51	0.24	0.00	1.76
SIB Events (count)	5	10	11	25	33	16	100	5	1	6	0	6	112
Num Per 1,000 Pt Days	0.95	2.04	3.49	5.39	7.66	2.10	3.35	0.90	0.33	0.70	0.00	3.58	2.52
Total Physical Restraint Hours	0.33	0.05	0.14	0.1	0	0.13	0.75	0.1	0	0.1		0	0.85
Num Per 1,000 Pt Days	0.06	0.01	0.04	0.02	0.00	0.02	0.03	0.02	0.00	0.01		0.00	0.02
<b>Medication Measures</b>													
Benzodiazepines	99	65	65	60	82	74	445	18	8	26		8	479
Percentage of Census	0.58	0.41	0.64	0.39	0.60	0.30	0.46	0.10	0.08	0.09		0.13	0.33
Multiple Atypicals	10	39	5	56	45	49	204	14	8	22		0	226
Percentage of Census	0.06	0.25	0.05	0.36	0.33	0.20	0.21	0.08	0.08	0.08		0.00	0.16
Typical- Atypical	23	62	55	47	28	121	336	62	32	94		0	430
Percentage of Census	0.13	0.39	0.54	0.31	0.20	0.50	0.35	0.34	0.32	0.33		0.00	0.30

## Wellness Indicators

The National Association of State Mental Health Program Directors (NASMHPD) issued a report in October 2006 about mortality and morbidity in people with serious mental illness (SMI). According to Mental Health America's *Survey of People with Schizophrenia and Providers* ([www.mentalhealthamerica.net](http://www.mentalhealthamerica.net)), the NASMHPD report revealed that people with SMI die on average 25 years earlier than the general population. The major natural causes of death for people with SMI are heart disease, diabetes, respiratory disease and infectious disease. Many of the risk factors for these diseases are modifiable. Beginning June 2008, the state began compiling and comparing data on the number of tobacco users (Table 24) in our state hospitals.

**Table 24 - Tobacco Users on Last Day of Month Civil and Long Term Care**

Month	Tobacco Users	CLA	DAN	NOR	TOR	WAR	WER	Civil Total	LTC	System Total
Nov-17	Total Users	99	56	15	62	80	82	394	13	407
	% of Census	55%	35%	14%	38%	53%	32%	39%	9%	28%
Mar-18	Total Users	95	50	18	50	77	78	368	10	378
	% of Census	54%	32%	18%	33%	52%	30%	37%	7%	26%
Jul-18	Total Users	98	45	21	49	83	0	296	11	307
	% of Census	56%	28%	21%	31%	58%	0%	30%	8%	21%
Oct-18	Total Users	0	0	23	36	51	0	110	10	120
	% of Census	0%	0%	23%	23%	36%	0%	11%	7%	8%

**Table 25 - Reasons for Hospitalizations as the Result of an Incident, All Levels of Care**

The Risk Management System requires that an incident report form be completed anytime a person is transported from a state hospital to an acute care hospital. This includes if the person was only seen in the emergency room, received diagnostic tests and/or was actually admitted. It does **not** include hospitalizations for a preplanned procedure, test or surgery.

Cause	CLA	DAN	NOR	TOR	WAR	Count
Accident-Injury				1		1
Assault, Pt./Pt			1			1
Change in Medical Status-Transferred	12		9	6	3	30
Fall Type 1-Injury with treatment	2	2		3		7
Fall Type 2-No treatment needed		1	1			2
Other	1	7		3		11
Self-Injurious behavior	1	3	1			5
Totals	16	13	12	13	3	57

## Medication Measures

Beginning in September 2008 the OMHSAS Bureau of Community and Hospital Operations identified the following three medication measures for inclusion in this monthly report. The table information is compiled from the QS1 pharmacy software and reflects the unique count of the number of people served at each hospital on the last day of the month for each measure.

**Table 26 - Benzodiazepines**

**Measure Definition:** *Benzodiazepines refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for any benzodiazepine medication on the last day of each month.*

<b>BZD</b>								<b>Forensic</b>			<b>SRTP</b>	<b>Sys</b>
<b>M/Y</b>	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Dec-17	86	73	55	57	78	86	435	21	8	29	12	476
Mar-18	89	72	60	63	89	81	454	22	11	33	12	499
Jun-18	92	80	61	60	81	80	454	23	10	33	11	498
Oct-18	99	65	65	60	82	74	445	18	8	26	8	479

**Table 27 - Multiple Atypicals**

**Measure Definition:** *Multiple Atypicals refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for two or more atypical antipsychotic medications on the last day of each month.*

<b>Multiple Atypicals</b>								<b>Forensic</b>			<b>SRTP</b>	<b>Sys</b>
<b>M/Y</b>	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Dec-17	25	38	7	46	38	53	207	8	9	17	0	224
Mar-18	23	38	5	48	42	56	212	9	11	20	0	232
Jun-18	17	41	7	49	39	53	206	10	7	17	0	223
Oct-18	10	39	5	56	45	49	204	14	8	22	0	226

**Table 28 - Typical-Atypical**

**Measure Definition:** *Typical-Atypicals refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for a typical and an atypical antipsychotic medication on the last day of each month.*

<b>Typical - Atypical</b>								<b>Forensic</b>			<b>SRTP</b>	<b>Sys</b>
<b>M/Y</b>	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Dec-17	31	54	55	65	31	123	359	40	40	80	0	439
Mar-18	31	66	52	61	31	122	363	60	35	95	0	458
Jun-18	30	65	52	61	26	118	352	57	33	90	0	442
Oct-18	23	62	55	47	28	121	336	62	32	94	0	430

**Table 29 - STAT Medication Usage – Civil**

**Measure Definition:** STAT medication are counted as psychiatric medications that have been administered. If two STAT medications are administered, it is counted as one event. Each STAT medication event is documented by “Route of Administration” and “Requested by”. This measure includes all levels of care.

CLARKS SUMMIT (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	PEG Tube:	Indv	MD/DO	RN
Oct-18	93	83	10	0	37	44	12

DANVILLE (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/OD	RN
Oct-18	206	96	110	0	46	0	160

NORRISTOWN - CIVIL (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Oct-18	87	40	47	0	8	14	65

TORRANCE - CIVIL (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Oct-18	130	46	84	0	23	23	84

WARREN (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Oct-18	163	67	94	2	23	51	89

WERNERSVILLE (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Oct-18	87	72	15	0	27	34	26

Table 30 - STAT Medication Usage – Forensic

NORRISTOWN - FORENSIC (FY 2018-19)								
Month	Total Number of STATs	Route of Admin			Requested by:			
		PO	IM	Peg Tube:	Indv	MD/DO	RN	UNK
Oct-18	128	57	71	0	11	36	79	2

TORRANCE - FORENSIC (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Oct-18	54	39	15	0	10	20	24

**Table 31 - STAT Medication Usage – ACT 21 (SRTP)**

TORRANCE - ACT 21 (FY 2018-19)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Oct-18	9	7	2	0	3	2	4