



## State Hospital Risk Management Summary Report For September 2011

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## 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.

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.dpw.state.pa.us> .)

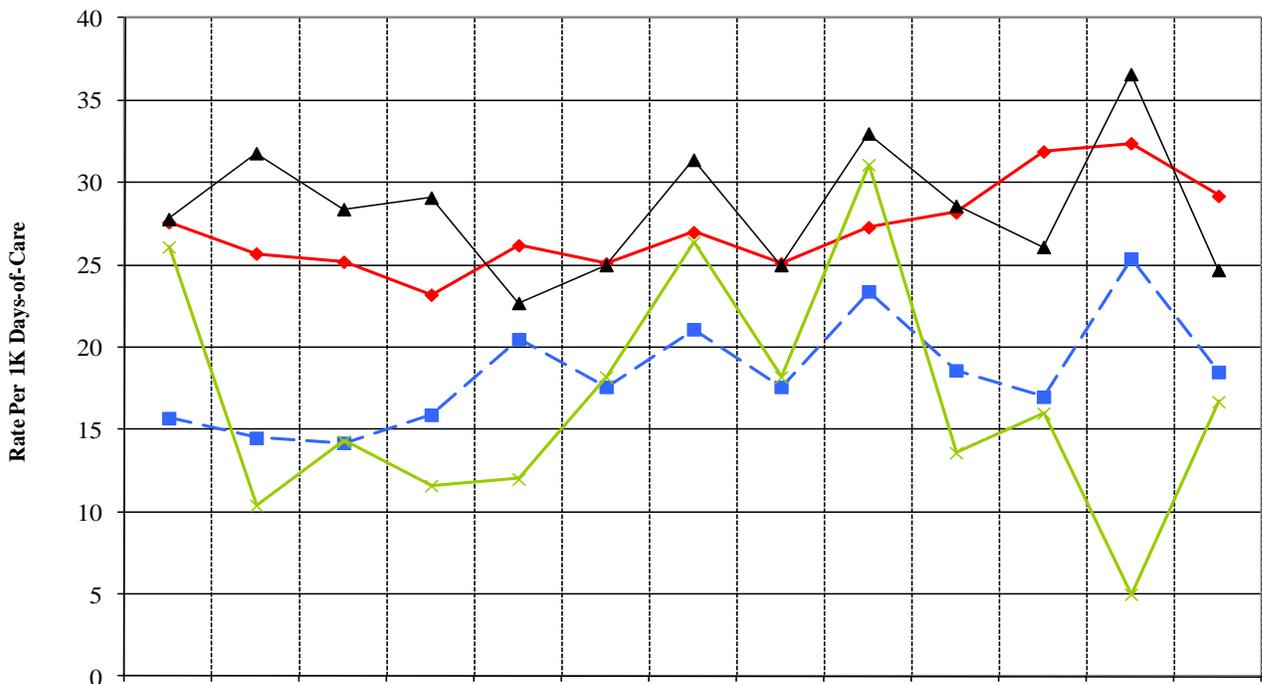
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During **September** a total of 1303 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. Other tables in this report may include additional NRI events regarding these incident reports. The following is a breakdown of incidents by individual facility and type of care:

**Table 1 - Number of Incident Reports**

Civil	Census 9/30/11	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	217	6534	100	15.3
Danville	171	5008	126	25.2
Norristown	223	6669	290	43.5
Torrance	203	5807	165	28.4
Warren	165	4918	143	29.1
Wernersville	262	7916	253	32.0
<b>Total Civil</b>	1241	36852	1077	29.2
<b>Forensic</b>				
Norristown	130	3962	73	18.4
Torrance	68	1996	37	18.5
<b>Total Forensic</b>	198	5958	110	18.5
<b>Act 21</b>				
Act 21	27	780	13	16.7
<b>Total Act 21</b>	27	780	13	16.7
<b>Long Term Care</b>				
South Mountain	138	4168	103	24.7
<b>Total L. T. C.</b>	138	4168	103	24.7
<b>Total</b>	1604	47758	1303	27.3

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



	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11
—◆— Civil	27.6	25.7	25.2	23.2	26.2	25.1	27.0	25.1	27.3	28.2	31.9	32.4	29.2
- - -■- Forensic	15.7	14.5	14.2	15.9	20.5	17.6	21.1	17.6	23.4	18.6	17.0	25.4	18.5
—▲— Long Term Care	27.8	31.8	28.4	29.1	22.7	25.0	31.4	25.0	33.0	28.6	26.1	36.6	24.7
—×— Act 21	26.1	10.4	14.3	11.6	12.0	18.2	26.4	18.2	31.1	13.6	16.0	5.0	16.7

**Number of Incident Reports – Selected Categories – Recent Six Month Period**

**\*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.

This table is updated/refreshed each month from the most recent data (six month period) available from the State Hospital System RM database.

CATEGORY	Count	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
Accident-Injury	265	36	37	47	57	51	37
Adverse Drug Reaction	36	4	6	4	11	2	9
Aggression	1025	180	165	156	152	210	162
Airway Obstruction type 1 Intervention	17	4	4	3	2	2	2
Airway Obstruction type 2 No Intervention	14	2	2	1	2	4	3
Alcohol Use/Possession/Suspected or Confirmed	1		1				
Alleged Nonconsensual Sexual Activity	14	4	2	1	2	4	1
Alleged Pt. Abuse	22	3	5	4	3	2	5
Assault, Pt./Pt	2043	274	356	311	350	423	329
Assault, Pt./Staff	569	87	92	91	111	112	76
AWOL/UA	97	13	21	14	18	18	13
AWOL-Attempt	49	1	6	9	8	15	10
AWOL-Late	93	13	14	11	23	21	11
Change in Medical Status-Stabilized	97	15	21	18	22	12	9
Change in Medical Status-Transferred	386	65	60	76	62	50	73
Charged post admit/crime committed prior to admit	2	1	1				
Charged with alleged crime on hospital grounds	9	1	2	2	1	3	
Communications Sys. Misuse	19	1	4	7	1	1	5
Community Incident	32	6	5	13	3	2	3
Contraband Possession	95	19	21	15	11	16	13
Fall Type 1-Injury with treatment	464	83	68	67	90	85	71
Fall Type 2-No treatment needed	656	107	104	120	100	105	120
Family Concern	40	6	4	7	8	6	9
Fire Setting	2						2
Illicit Substance Use/Possession	8	1	1			4	2
Medication Error	181	30	26	39	29	34	23
Missing Property	84	13	12	12	18	13	16
Other	589	96	79	81	125	108	100
Procedural Treatment Error	50	8	9	8	8	10	7
Property Damage	80	15	9	16	20	12	8
Seizure	34	6	5	7	4	7	5
Self-Injurious behavior	762	104	127	109	138	161	123
Sexual Behavior	106	11	24	17	26	16	12
Smoking Violation	118	25	19	22	16	17	19
Substantiated Patient Abuse	12	4	3	3	1	1	
Suicide Attempt	15	1	6	2	3	2	1
Suicide threat/plan	56	13	9	7	11	7	9
Theft	73	10	15	11	17	14	6
Unsubstantiated Nonconsensual Sexual Activity	6				3	1	2
Unsubstantiated Patient Abuse	29	10	2	3	7	4	3

## Cause and Effect of Incidents in the Civil Hospitals

Table 2 reflects the actual number of incidents by category or cause and facility for people served in the civil hospitals only. Table 3 reflects these same numbers but by incident effect.

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

Primary Cat #	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	1	4	4	2	2	4	17
Adverse Drug Reaction	2	1	1		1	2	7
Aggression	10	6	34	21	28	29	128
Airway Obstruction type 1 Intervention			1	1			2
Airway Obstruction type 2 No Intervention		1		2			3
Alleged Nonconsensual Sexual Activity			1				1
Alleged Pt. Abuse			2				2
Assault, Pt./Pt	14	41	117	28	34	45	279
Assault, Pt./Staff	9	9	20	10	3	17	68
Assault: Patient/Other						1	1
AWOL/UA		2	1	3	3	4	13
AWOL-Attempt		3	2	2	2	1	10
AWOL-Late	1	3	2	1	4		11
Change in Medical Status-Stabilized	2		2	1			5
Change in Medical Status-Transferred	4	3	17	14	1	17	56
Communications Sys. Misuse		2	1	1	1		5
Community Incident	2		1				3
Contraband Possession			4	2	3	3	12
Fall Type 1-Injury with treatment	10	7	10	6	3	20	56
Fall Type 2-No treatment needed	15	10	9	18	17	21	90
Family Concern	3			2		4	9
Fire Setting			2				2
Illicit Substance Use/Possession					2		2
Indeterminate/Unconfirmed Cause of Injury	8	2	11	4		2	27
Medication Error	1	4	4		2	6	17
Missing Property	1	2		4		5	12
Other	8	2	23	11	13	21	78
Procedural Treatment Error		1	1			4	6
Property Damage		2	2	1		2	7
Seizure					1	2	3
Self-Injurious behavior	8	17	7	17	14	37	100
Sexual Behavior		1	5	5		1	12
Smoking Violation			5	6	5		16
Suicide threat/plan	1	2	1		1	1	6
Theft		1		1	3	1	6
Unsubstantiated Nonconsensual Sexual Activity				2			2
Unsubstantiated Patient Abuse						3	3
Totals	100	126	290	165	143	253	1077

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

Primary Effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	17	19	24	14	10	17	101
Bite-Human			3			2	5
Bite-Insect	2			2		1	5
Blister	2			1	1		4
Body System Illness	1	1	7	2	1	3	15
Bruise/contusion/discoloration	7	9	5	6	5	9	41
Burn/Scald				1	1	1	3
Cellulitis			2	1			3
Death	2						2
Edema/swelling	2		6	4		3	15
Emesis		1		1	1		3
Epistaxis	1			1	1	1	4
Erythema/redness	1	1	1	9		3	15
Fever	1		1			3	5
Fracture		2	1			1	4
Ingestion of foreign body	1		1	1		11	14
Laceration: NO sutures/staples/steri-strips	1	1	6	3	2	6	19
Laceration: with steristrips/glue	1		1			1	3
Laceration: with sutures/staples	2			2	2		6
Lethargy	3	1		2		3	9
Muscle pull/strain/sprain						1	1
No Injury/NA	52	86	210	99	115	162	724
Other		2	8	4	2	10	26
Pain, Specified	1	1	10	6	1	9	28
Respiratory Distress				4			4
Seizure	1					2	3
Skin Irritation/Rash				1	1	1	3
Sunburn		1					1
Syncopal episode			1				1
Unconscious/Unresponsive	1	1	2	1		3	8
Visual changes	1		1				2
Totals	100	126	290	165	143	253	1077

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

Primary Cat #	51A1	51A2	51B1	51B2	51C2	FB3	FB4	FC1	FC2	Count
Adverse Drug Reaction					1					1
Aggression	3	2	1	1	7		5		6	25
Alleged Pt. Abuse	1				2					3
Assault, Pt./Pt	17	4		3	10					34
Assault, Pt./Staff	1				2					3
Change in Medical Status-Stabilized	1				1					2
Change in Medical Status-Transferred	3				2	2				7
Contraband Possession							1			1
Fall Type 1-Injury with treatment	1				1		1			3
Fall Type 2-No treatment needed				1			1			2
Indeterminate/Unconfirmed Cause of Injury					1					1
Medication Error								1		1
Missing Property								1		1
Other		1		1			2		1	5
Property Damage		1								1
Seizure		1			1					2
Self-Injurious behavior					1		15			16
Suicide Attempt		1								1
Suicide threat/plan						1				1
Totals	27	10	1	6	29	3	25	2	7	110

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

EFFECT	51A1	51A2	51B1	51C2	51B2	FB3	FB4	FC1	FC2	Count
Abrasion/scrape/scratch/hematoma	2	2		2	1		4			11
Bite-Human							1			1
Body System Illness						2				2
Bruise/contusion/discoloration	1									1
Cellulitis				1						1
Erythema/redness	1						1			2
Fracture							2			2
Ingestion of foreign body							5			5
Laceration: NO sutures/staples/steri-strips	1	2								3
No Injury/NA	17	6	1	24	4	1	11	2	7	73
Other				1			1			2
Pain, Specified	3				1					4
Unconscious/Unresponsive	2									2
Visual changes				1						1
Totals	27	10	1	29	6	3	25	2	7	110

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	2	2	6	4	2	16
Adverse Drug Reaction				1		1
Aggression	2	3				5
Assault, Pt./Pt	4	6	4			14
Assault, Pt./Staff		1			1	2
Change in Medical Status-Stabilized		1			1	2
Change in Medical Status-Transferred			1	6	2	9
Fall Type 1-Injury with treatment	2		2	4		8
Fall Type 2-No treatment needed	4	4	10	1	2	21
Medication Error		1	1	2		4
Missing Property	1			1		2
Other	4	4	1	3	1	13
Procedural Treatment Error			1			1
Self-Injurious behavior				2		2
Smoking Violation			2		1	3
Totals	19	22	28	24	10	103

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	2	1	5	3	1	12
Blister				1	1	2
Bruise/contusion/discoloration	3	1	3	2	1	10
Death				1	1	2
Edema/swelling		1				1
Emesis				1		1
Laceration: NO sutures/staples/steri-strips				2		2
Laceration: with steristrips/glue				1		1
Laceration: with sutures/staples			1			1
No Injury/NA	13	19	17	5	4	58
Other			1	5		6
Pain, Specified	1		1	2		4
Respiratory Distress				1	2	3
Totals	19	22	28	24	10	103

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

In August 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 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
Aggression	4	4
Assault, Pt./Pt	2	2
Assault, Pt./Staff	2	2
Self-Injurious behavior	4	4
Suicide threat/plan	1	1
Totals	13	13

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

Primary Effect	TOR	Count
Abrasion/scrape/scratch/hematoma	2	2
Bruise/contusion/discoloration	1	1
Erythema/redness	1	1
No Injury/NA	8	8
Pain unspecified	1	1
Totals	13	13

## Physical Health Measures

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 10) in our state hospitals. Beginning July 2008, the state began compiling and comparing data on the number of consumers who have a diagnosis of diabetes (Table 11).

**Table 10 - Tobacco Users on Last Day of Month Civil and Long Term Care**

Date	Tobacco Users	CLA	DAN	NOR	TOR	WAR	WER	Civil Total	LTC	System Total
Dec-10	Total Users	139	78	142	108	76	148	691	17	708
	Census	63%	45%	63%	53%	47%	55%	55%	13%	51%
Mar-11	Total Users	135	72	138	110	95	147	697	19	716
	% of Census	62%	41%	63%	54%	56%	54%	55%	14%	51%
Jun-11	Total Users	127	71	137	103	82	145	665	19	684
	% of Census	58%	43%	64%	50%	49%	55%	54%	14%	43%
Sep-11	Total Users	127	78	135	100	87	144	671	25	696
	% of Census	59%	46%	61%	49%	53%	55%	54%	18%	43%

**Table 11 - Diabetes**

Sep-11	Civil Hospitals							Forensic Centers			A21	LTC	Sys
	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Patient Census	220	161	220	205	165	265	1236	132	65	197	27	137	1597
Count	34	29	56	34	26	58	237	7	7	14	0	43	294
% w/ Diabetes	15%	18%	25%	17%	16%	22%	19%	5%	11%	7%	0%	31%	18%

**Table 12 - 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	SMO	TOR	WAR	WER	Count
Adverse Drug Reaction			1				2	3
Airway Obstruction type 1 Intervention			1					1
Assault, Pt./Pt			2					2
Change in Medical Status-Transferred	4	1	18	9	14	2	17	65
Fall Type 1-Injury with treatment	1		2	1			1	5
Other						1	1	2
Seizure			1					1
Self-Injurious behavior					5		4	9
Unsubstantiated Nonconsensual Sexual Activity					1			1
Totals	5	1	25	10	20	3	25	89

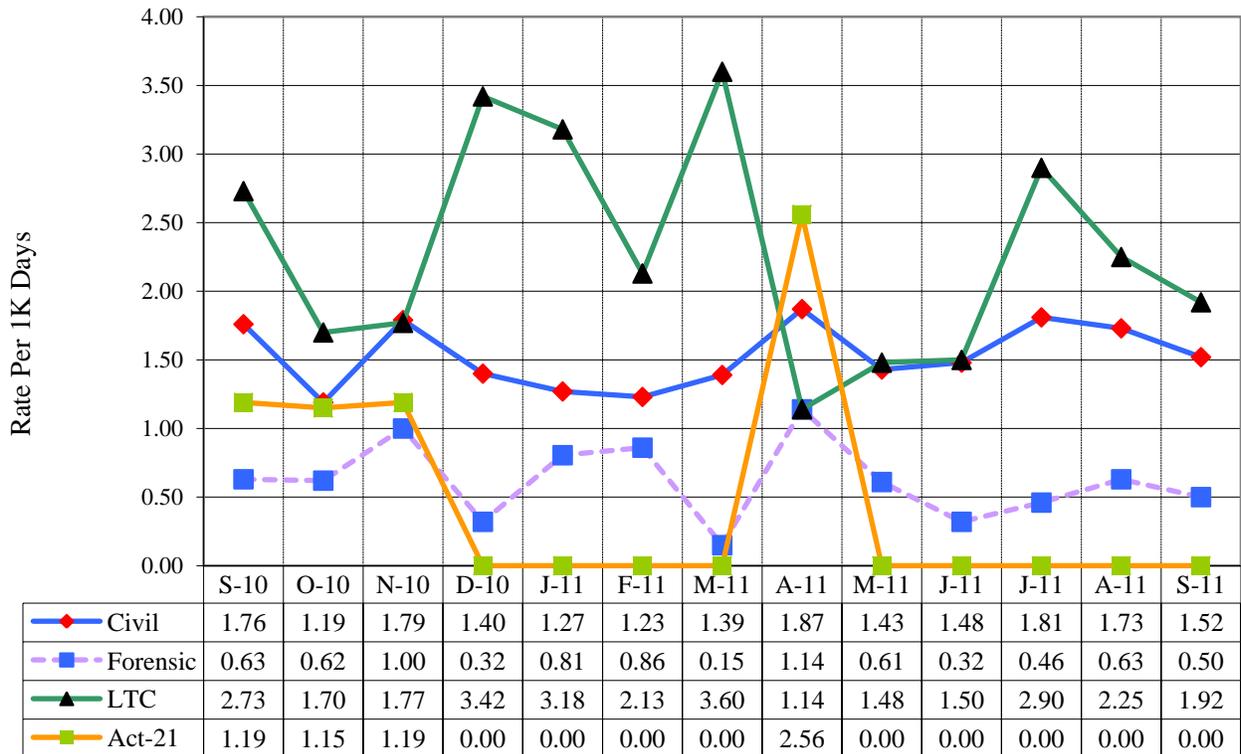
**Falls**

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

M/Year	Civil Hospital							Forensic Center			A21	LTC	Sys Avg
	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Sep-10	1.66	1.90	1.32	3.07	0.99	1.76	1.76	1.01	0.00	0.63	1.19	2.73	1.67
Oct-10	0.89	1.66	0.71	2.62	0.78	0.85	1.19	0.73	0.47	0.62	1.15	1.70	1.14
Nov-10	0.91	1.72	2.21	2.21	0.78	2.61	1.79	1.54	0.00	1.00	1.19	1.77	1.66
Dec-10	1.18	1.29	0.88	2.15	1.39	1.56	1.40	0.49	0.00	0.32	0.00	3.42	1.41
Jan-11	1.62	1.28	0.72	1.32	1.18	1.45	1.27	0.74	0.93	0.81	0.00	3.18	1.35
Feb-11	1.79	0.41	1.28	1.62	0.86	1.19	1.23	0.27	1.88	0.86	0.00	2.13	1.24
Mar-11	0.89	0.74	1.90	1.13	1.36	2.02	1.39	0.24	0.00	0.15	0.00	3.60	1.39
Apr-11	1.36	0.97	1.85	2.37	0.98	3.06	1.87	0.78	1.74	1.14	2.56	1.14	1.65
May-11	1.90	1.34	1.50	1.30	0.76	1.54	1.43	0.49	0.81	0.61	0.00	1.48	1.30
Jun-11	1.82	1.57	1.08	0.33	1.41	2.35	1.48	0.26	0.41	0.32	0.00	1.50	1.30
Jul-11	1.32	0.99	2.39	1.63	1.17	2.80	1.81	0.73	0.00	0.46	0.00	2.90	1.70
Aug-11	1.62	2.20	0.88	1.95	1.93	1.94	1.73	0.24	1.35	0.63	0.00	2.25	1.70
Sep-11	1.53	1.40	1.50	1.03	0.61	2.53	1.52	0.50	0.50	0.50	0.00	1.92	1.70

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

ABV	Total	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
WAR	3.00									1.00	2.00		

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

ABV	Total	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
WAR	2	0	0	0	0	0	0	0	0	1	1	0	0

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

ABV	WARD	Total Hrs
NOR	10A1	11.00
WER	35-3	2.93

**Table 17 - Hours of Mechanical Restraint Use, Monthly Totals for Past Year**

ABV	Total	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
CLA	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.00
NOR	16.63	0.00	2.22	0.00	0.42	1.00	0.83	0.75	0.00	0.42	0.00	0.00	11.00
WAR	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WER	33.60	0.40	0.00	0.00	8.43	2.50	1.50	3.17	0.98	3.52	4.25	5.92	2.93

**Table 18 - Number of Mechanical Restraint Events, Monthly Totals for Past Year**

ABV	Total	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
CLA	1	0	0	0	0	0	0	0	0	1	0	0	0
NOR	30	0	3	0	1	1	1	1	0	1	0	0	22
WAR	1	0	1	0	0	0	0	0	0	0	0	0	0
WER	28	1	0	0	8	2	2	4	1	3	3	2	2

**State Hospital Use of Physical Restraint**

**Civil and Forensic**

Data on physical restraint use for psychiatric reasons includes the civil and forensic populations and is reported for both monthly and yearly totals. Physical restraint events lasting less than 60 seconds are reflected as 0.00 hours.

**Table 19 - Hours of Physical Restraint Use by Hospital & Unit**

ABV	WARD	Total	ABV	WARD	Total
CLA	7	1.25	NOR	51A1	0.20
TOR	FC2	1.05	WAR	2NM	0.17
WER	35-3	1.05	NOR	10A1	0.13
TOR	023	1.00	WER	37-1	0.08
TOR	FB4	0.78	NOR	51C2	0.07
TOR	062	0.75	WER	35-2	0.03
NOR	01C1	0.37	WER	34-3	0.03
WER	34-4	0.37	WER	34-2	0.02
CLA	3	0.37	WER	37-2	0.02
TOR	013	0.33	NOR	01A1	0.02
DAN	312	0.28	CLA	5	0.003
TOR	021	0.25			

**Table 20 - Hours of Physical Restraint Use, Monthly Totals for Past Year**

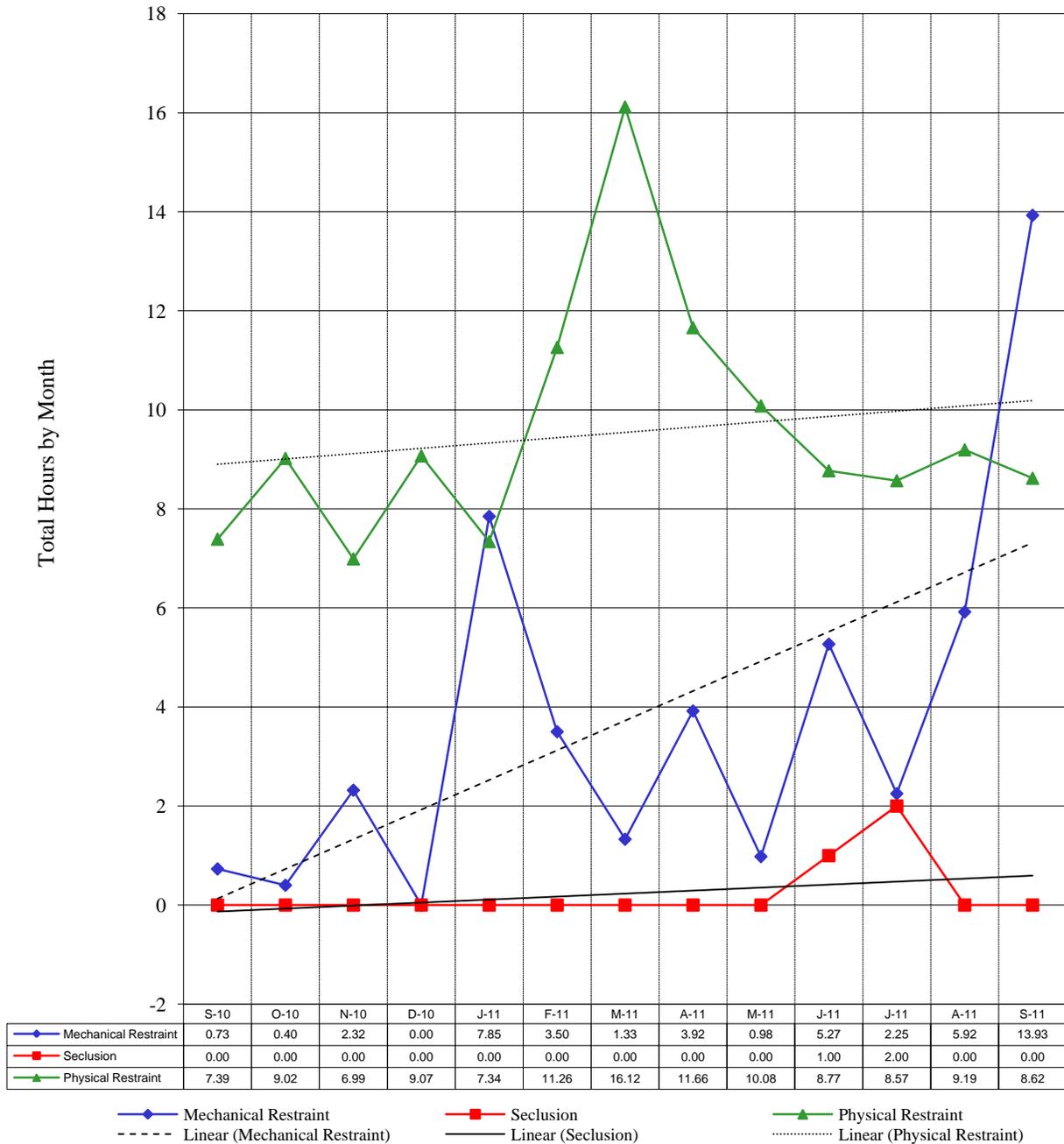
ABV	Total	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
CLA	12.91	0.18	0.62	1.44	0.36	0.19	1.25	2.92	1.05	0.88	1.40	1.01	1.62
DAN	20.59	1.92	0.94	2.35	1.56	2.06	4.96	1.73	0.39	1.44	2.47	0.49	0.28
NOR	6.54	0.59	0.85	0.48	0.45	0.62	0.45	0.28	0.41	0.43	0.25	0.94	0.78
TOR	49.27	4.09	2.02	2.25	2.02	5.93	8.16	4.33	5.30	2.48	3.40	5.12	4.17
WAR	6.81	0.00	1.85	2.25	0.03	0.18	0.17	0.10	0.95	0.63	0.45	0.03	0.17
WER	20.22	1.91	0.71	0.30	2.92	2.25	1.13	2.30	1.98	2.91	0.60	1.63	1.60

**Table 21 - Number of Physical Restraint Events, Monthly Totals for Past Year**

ABV	Total	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11
CLA	148	7	11	10	6	3	11	21	14	13	27	11	14
DAN	186	18	16	17	10	11	19	24	6	12	27	18	8
NOR	221	14	18	20	19	12	15	9	16	21	13	39	25
TOR	261	18	14	15	18	26	38	26	22	19	24	21	20
WAR	40	0	8	4	2	2	2	2	8	5	5	1	1
WER	195	18	15	7	11	7	13	16	21	21	21	28	17

## 13-Month Trend of Mechanical Restraint, Physical Restraint and Seclusion Use

The following table represents the total hours of mechanical restraint use, physical restraint use and seclusion use for last 12 month period. This data includes the forensic and civil populations with the data being reported to the second and expressed below as a percentage of an hour.



## 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 22 - 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.*

BZD								Forensic			SRTP	Sys
M/Y	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Dec-10	147	96	127	92	95	132	689	28	23	51	3	743
Mar-11	146	99	119	91	102	145	702	34	29	63	3	768
Jun-11	151	92	122	90	94	136	685	28	21	49	3	737
Sep-11	149	96	125	94	91	136	691	36	20	56	3	750

**Table 23 - 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.*

Multiple Atypicals								Forensic			SRTP	Sys
M/Y	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Dec-10	18	42	16	57	46	48	227	4	7	11	0	238
Mar-11	12	48	20	52	51	55	238	8	10	18	0	256
Jun-11	10	48	19	57	53	43	230	5	11	16	0	246
Sep-11	10	47	23	44	46	36	206	3	11	14	0	220

**Table 24 - 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.*

Typical - Atypical								Forensic			SRTP	Sys
M/Y	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Dec-10	53	61	116	49	36	109	424	29	16	45	0	469
Mar-11	55	58	114	53	46	111	437	25	19	44	0	481
Jun-11	51	52	113	63	45	119	443	22	20	42	0	485
Sep-11	47	47	113	67	42	111	427	27	14	41	0	468

## 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 25 - Patient-to-Patient Assaults by Unit, All Levels of Care**

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	01C1	69	DAN	310	6	WER	37-3	3
NOR	09AF	18	DAN	211	5	DAN	210	3
NOR	51A1	17	TOR	021	5	WER	35-2	3
WAR	3IM	16	WER	34-3	5	CLA	6	2
DAN	312	16	TOR	013	5	CLA	9	2
WER	35-3	14	NOR	09CF	5	WAR	3NM	2
NOR	10C1	13	NOR	51A2	4	TOR	062	2
WER	37-2	11	SMO	5A	4	TOR	024	2
NOR	51C2	10	TOR	014	4	DAN	311	1
DAN	212	10	TOR	061	4	NOR	10A1	1
WAR	2NM	9	WER	35-4	4	WER	37-1	1
NOR	09AR	8	CLA	3	4	TOR	022	1
TOR	023	7	SMO	3A	4	WAR	2SW	1
CLA	7	6	WER	34-2	4			
SMO	3B	6	NOR	01A1	3			
WAR	3SW	6	NOR	51B2	3			

**Table 26 - 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
Sep-10	1.81	1.71	1.47	1.37	0.79	2.14	1.58	2.78	2.56	2.51	0.00
Oct-10	1.18	0.92	3.56	1.31	1.16	0.60	1.42	2.43	0.94	1.87	1.15
Nov-10	1.83	1.72	1.92	1.36	0.61	0.37	1.28	2.82	0.48	2.00	1.19
Dec-10	0.88	1.29	1.91	0.50	0.99	0.84	1.07	2.20	0.00	1.46	2.33
Jan-11	3.09	0.55	3.91	1.16	1.57	0.60	1.84	3.95	3.24	3.70	0.00
Feb-11	1.14	0.83	1.92	1.98	0.64	1.19	1.31	2.17	0.94	1.72	1.30
Mar-11	1.48	1.12	2.78	0.81	0.19	1.07	1.29	5.38	2.45	4.29	0.00
Apr-11	0.76	1.16	2.16	1.18	0.59	0.37	1.02	3.91	0.43	2.61	0.00
May-11	1.32	0.96	1.81	1.30	0.57	1.07	1.19	5.15	1.62	3.82	0.00
Jun-11	1.37	0.39	2.46	1.49	0.60	1.24	1.32	1.56	1.23	1.43	0.00
Jul-11	1.17	1.39	3.29	1.31	0.97	1.46	1.63	2.94	0.42	2.01	1.23
Aug-11	1.18	1.40	3.95	0.98	1.54	1.22	1.73	2.43	0.90	1.89	0.00
Sep-11	0.92	2.40	3.90	1.03	1.83	0.76	1.76	2.27	0.00	1.51	0.00

**Table 27 - Patient-to-Staff Assault Events by Unit, All Levels of Care**

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	01C1	7	DAN	212	2	TOR	061	1
NOR	01A1	6	TOR	062	2	WAR	2SW	1
TOR	021	5	WER	34-3	2	WAR	3IM	1
WER	35-4	4	WER	35-2	2	WAR	3SW	1
WER	35-3	4	WER	37-2	2	WAR	IBE	1
CLA	7	4	NOR	10A1	2	WER	37-1	1
CLA	3	3	DAN	310	1	SMO	3B	1
DAN	312	3	TOR	013	1			
NOR	09CF	3	CLA	4	1			
DAN	211	2	DAN	311	1			
WER	37-3	2	NOR	51A1	1			
TOR	023	2	CLA	2	1			
NOR	09AF	2	SMO	6B	1			
NOR	51C2	2	TOR	042	1			

**Table 28 - 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	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Sep-10	0.30	0.57	0.15	0.68	0.40	1.13	0.54	0.51	0.00	0.31	1.19
Oct-10	0.00	0.92	0.86	0.66	0.00	1.09	0.65	0.49	0.47	0.47	0.00
Nov-10	0.15	1.34	0.29	0.34	1.02	0.87	0.64	0.51	0.00	0.33	0.00
Dec-10	0.44	1.29	0.59	0.17	0.79	0.12	0.52	1.22	0.00	0.81	0.00
Jan-11	0.59	0.55	1.01	0.66	0.20	1.45	0.80	0.74	0.93	0.81	0.00
Feb-11	0.00	0.62	1.60	0.54	0.00	0.79	0.63	1.09	0.00	0.69	1.30
Mar-11	0.30	1.86	0.88	0.00	0.19	1.55	0.83	0.73	0.41	0.61	0.00
Apr-11	0.30	0.97	0.93	0.68	0.00	0.49	0.56	0.78	0.43	0.65	0.52
May-11	1.17	0.38	0.45	0.49	0.96	1.07	0.78	0.49	0.00	0.31	0.00
Jun-11	0.30	0.98	1.23	0.17	0.20	1.49	0.78	0.78	0.00	0.48	0.00
Jul-11	0.29	0.79	0.30	1.63	0.78	1.22	0.84	0.73	1.69	1.08	0.00
Aug-11	0.44	2.20	1.46	0.33	0.00	0.61	0.81	0.97	0.45	0.79	0.00
Sep-11	0.61	0.40	0.45	0.52	0.20	0.88	0.54	0.50	0.00	0.34	0.00