



## State Hospital Risk Management Summary Report For August 2011

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PA DPW, Bureau of Community & Hospital Operations  
September 26, 2011

On the Internet: <http://www.dpw.state.pa.us/publications/forproviders/statehospitalriskmanagementsummaryreports/index.htm>

## 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> .)

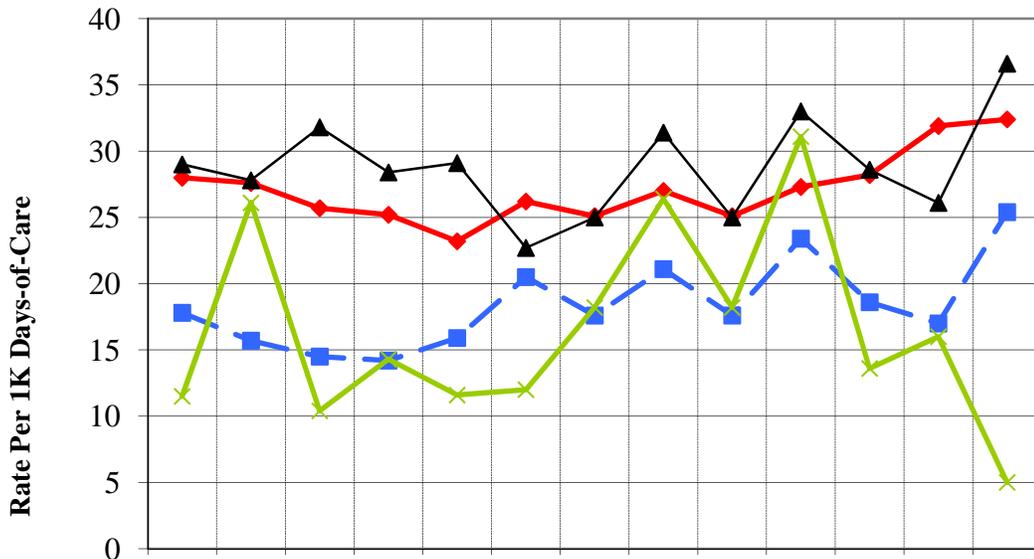
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During **August** a total of 1597 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. Other tables in this report may include 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 8/31/11	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	220	6798	104	15.3
Danville	161	4996	165	33.0
Norristown	220	6836	262	38.3
Torrance	205	6143	198	32.2
Warren	165	5178	146	28.2
Wernersville	265	8229	361	43.9
<b>Total Civil</b>	1236	38180	1236	32.4
<b>Forensic</b>				
Norristown	132	4119	103	25.0
Torrance	65	2221	58	26.1
<b>Total Forensic</b>	197	6340	161	25.4
<b>Act 21</b>				
Act 21	27	806	4	5.0
<b>Total Act 21</b>	27	806	4	5.0
<b>Long Term Care</b>				
South Mountain	137	4204	154	36.6
<b>Total L. T. C.</b>	137	4204	154	36.6
<b>Total</b>	1597	49530	1555	31.4

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



	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11
—◆— Civil	28	27.6	25.7	25.2	23.2	26.2	25.1	27.0	25.1	27.3	28.2	31.9	32.4
—■— Forensic	17.8	15.7	14.5	14.2	15.9	20.5	17.6	21.1	17.6	23.4	18.6	17.0	25.4
—▲— Long Term Care	29	27.8	31.8	28.4	29.1	22.7	25.0	31.4	25.0	33.0	28.6	26.1	36.6
—×— Act 21	11.5	26.1	10.4	14.3	11.6	12.0	18.2	26.4	18.2	31.1	13.6	16.0	5.0

**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	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
Accident-Injury	275	47	36	37	47	57	51
Adverse Drug Reaction	34	7	4	6	4	11	2
Aggression	1064	201	180	165	156	152	210
Airway Obstruction type 1 Intervention	17	2	4	4	3	2	2
Airway Obstruction type 2 No Intervention	13	2	2	2	1	2	4
Alcohol Use/Possession/Suspected or Confirmed	1			1			
Alleged Nonconsensual Sexual Activity	14	1	4	2	1	2	4
Alleged Pt. Abuse	41	16	3	8	4	6	4
Assault, Pt./Pt	2029	315	274	356	311	350	423
Assault, Pt./Staff	593	100	87	92	91	111	112
AWOL/UA	96	12	13	21	14	18	18
AWOL-Attempt	47	8	1	6	9	8	15
AWOL-Late	94	12	13	14	11	23	21
Change in Medical Status-Stabilized	100	12	15	21	18	22	12
Change in Medical Status-Transferred	383	70	65	60	76	62	50
Charged post admit/crime committed prior to admit	3	1	1	1			
Charged with alleged crime on hospital grounds	12	3	1	2	2	1	3
Communications Sys. Misuse	15	2	1	4	7	1	
Community Incident	33	4	6	5	13	3	2
Contraband Possession	98	16	19	21	15	11	16
Fall Type 1-Injury with treatment	468	75	83	68	67	90	85
Fall Type 2-No treatment needed	644	109	107	104	120	100	104
Family Concern	34	3	6	4	7	8	6
Fire Setting	1						1
Illicit Substance Use/Possession	6		1	1			4
Medication Error	190	32	30	26	39	29	34
Missing Property	85	17	13	12	12	18	13
Other	561	73	96	79	81	124	108
Procedural Treatment Error	48	5	8	9	8	8	10
Property Damage	84	12	15	9	16	20	12
Seizure	36	7	6	5	7	4	7
Self-Injurious behavior	737	98	104	127	109	138	161
Sexual Behavior	112	18	11	24	17	26	16
Smoking Violation	113	14	25	19	22	16	17
Substantiated Patient Abuse	11	3	3	1	3	1	
Suicide Attempt	14		1	6	2	3	2
Suicide threat/plan	62	15	13	9	7	11	7
Theft	78	11	10	15	11	17	14
Unsubstantiated Nonconsensual Sexual Activity	10	6				3	1
Unsubstantiated Patient Abuse	22	4	8	1	2	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	7	6	8	3	5	30
Adverse Drug Reaction						2	2
Aggression	8	9	34	19	23	60	153
Airway Obstruction type 1 Intervention	1		1				2
Airway Obstruction type 2 No Intervention		1		1	1		3
Alleged Nonconsensual Sexual Activity			2	1			3
Alleged Pt. Abuse			2			2	4
Assault, Pt./Pt	26	40	105	33	22	86	312
Assault, Pt./Staff	9	21	29	6	5	20	90
AWOL/UA	2			4	4	8	18
AWOL-Attempt		2	4	6		3	15
AWOL-Late		4	1		8	6	19
Change in Medical Status-Stabilized		1	3				4
Change in Medical Status-Transferred	5	4	14	4		5	32
Charged with alleged crime on hospital grounds		3					3
Community Incident		2					2
Contraband Possession	5	2	3	1	3	2	16
Fall Type 1-Injury with treatment	11	11	6	12	10	16	66
Fall Type 2-No treatment needed	14	9	8	18	8	23	80
Family Concern				5		1	6
Fire Setting				1			1
Illicit Substance Use/Possession			2	2			4
Indeterminate/Unconfirmed Cause of Injury	5	6	13	3		3	30
Medication Error		6	7	1	4	5	23
Missing Property	1			4		7	12
Other	9	4	2	24	17	35	91
Procedural Treatment Error		1	5			1	7
Property Damage	1	2	1	2			6
Seizure				3		2	5
Self-Injurious behavior	6	26	4	25	38	43	142
Sexual Behavior		2		2		11	15
Smoking Violation			3	10		2	15
Suicide Attempt			2				2
Suicide threat/plan		1	1	2		1	5
Theft			4	1		9	14
Unsubstantiated Nonconsensual Sexual Activity						1	1
Unsubstantiated Patient Abuse		1				2	3
Totals	104	165	262	198	146	361	1236

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

Primary Effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	16	26	17	12	22	15	108
Bite-Human			1			1	2
Bite-Insect	3		1	6	2	1	13
Blister				1		1	2
Body System Illness	3	2	2	3		1	11
Bruise/contusion/discoloration	6	8	9	6	11	4	44
Burn/Scald	1	1		1	1	1	5
Cellulitis			1			1	2
Constipation				1			1
Damaged or lost tooth	1	1					2
Edema/swelling	3		8	7	2	4	24
Emesis		1	1			2	4
Epistaxis				2			2
Erythema/redness		7	3	5		5	20
Fever						1	1
Fracture			2			1	3
Ingestion of foreign body			2	3		18	23
Laceration: NO sutures/staples/steri-strips	1	2	4	2	1	6	16
Laceration: with steristrips/glue	1	1	1	2	1	2	8
Laceration: with sutures/staples	2	1		2			5
Lethargy			2	1		1	4
No Injury/NA	65	107	185	129	99	272	857
Other		1	4		3	7	15
Pain unspecified						1	1
Pain, Specified	1	6	17	12	2	14	52
Puncture/stab wound				1	1		2
Respiratory Distress	1		1				2
Seizure						1	1
Skin Irritation/Rash		1		1	1		3
Unconscious/Unresponsive			1	1			2
Visual changes						1	1
Totals	104	165	262	198	146	361	1236

**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	51C1	51C2	FB3	FB4	FC1	FC2	Count
Accident-Injury							1				1
Aggression	5		4	9	1	6	2	4		5	36
Airway Obstruction type 2 No Intervention								1			1
Alleged Nonconsensual Sexual Activity										1	1
Assault, Pt./Pt	13		4	16	7	14	2	4		6	66
Assault, Pt./Staff	3	1	1	1		1		2		1	10
Change in Medical Status-Stabilized	1				1	1					3
Change in Medical Status-Transferred	2		2	1			4		1	2	12
Fall Type 1-Injury with treatment				1			1	1		1	4
Fall Type 2-No treatment needed	1						1		1		3
Indeterminate/Unconfirmed Cause of Injury										1	1
Medication Error	1			1							2
Missing Property								1			1
Other				1							1
Procedural Treatment Error	1										1
Property Damage						1					1
Seizure							1				1
Self-Injurious behavior	1							9		3	13
Sexual Behavior							1				1
Smoking Violation								1			1
Suicide threat/plan						1					1
Totals	28	1	11	30	9	24	13	23	2	20	161

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

EFFECT	51A1	51A2	51B1	51C1	51C2	51B2	FB3	FB4	FC1	FC2	Count
Abrasion/scrape/scratch/hematoma	3			1	2	10		6		3	25
Allergic reaction				1	1						2
Asphyxiation					1						1
Body System Illness							1				1
Bruise/contusion/discoloration	1			1		1	2			1	6
Cellulitis	1								1		2
Edema/swelling							1			1	2
Erythema/redness			1							1	2
Ingestion of foreign body								4			4
Laceration: NO sutures/staples/steri-strips	1										1
Laceration: with steristrips/glue								1			1
Lethargy										1	1
No Injury/NA	16	1	7	6	20	18	5	11		13	97
Other	2						2				4
Pain, Specified	4		1			1		1	1		8
Respiratory Distress			2				2				4
Totals	28	1	11	9	24	30	13	23	2	20	161

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	2	5	4	4	3	18
Aggression	1	17		2		20
Assault, Pt./Pt	14	20	3	2	1	40
Assault, Pt./Staff	1	3	1		5	10
Change in Medical Status-Stabilized		1	1		2	4
Change in Medical Status-Transferred	1		1	1		3
Fall Type 1-Injury with treatment	1	4	3	2	2	12
Fall Type 2-No treatment needed	8	2	3	1	3	17
Medication Error	2	1	1	4		8
Other	3	4		1	1	9
Procedural Treatment Error	1			1		2
Property Damage		3	2			5
Self-Injurious behavior				5		5
Smoking Violation	1					1
Totals	35	60	19	23	17	154

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	6	5	4	5	3	23
Blister				1	1	2
Bruise/contusion/discoloration	2	2	3	3	1	11
Edema/swelling			1			1
Epistaxis					1	1
Fracture				1		1
Laceration: with steristrips/glue		1				1
No Injury/NA	25	47	9	9	10	100
Other		1	1	1		3
Pain, Specified	1	4	1	3	1	10
Respiratory Distress	1					1
Totals	35	60	19	23	17	154

**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 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
Assault, Pt./Staff	1	1
Change in Medical Status-Stabilized	1	1
Indeterminate/Unconfirmed Cause of Injury	1	1
Suicide threat/plan	1	1
Totals	4	4

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

Primary effect	TOR	Count
Abrasion/scrape/scratch/hematoma	1	1
No Injury/NA	2	2
Other	1	1
Totals	4	4

## 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
Nov-10	Total Users	135	78	145	103	73	153	687	17	704
	% of Census	61%	45%	64%	51%	44%	57%	55%	13%	51%
Feb-11	Total Users	129	68	131	111	85	150	674	18	692
	Census	59%	40%	58%	54%	51%	55%	54%	14%	50%
May-11	Total Users	106	72	135	111	90	143	657	19	676
	% of Census	48%	43%	63%	53%	54%	53%	53%	15%	42%
Aug-11	Total Users	129	65	134	115	74	143	660	22	682
	% of Census	59%	40%	61%	56%	45%	54%	53%	16%	43%

**Table 11 - Diabetes**

Aug-11	Civil Hospitals							Forensic Centers			A21	LTC	Sys
	Cla	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	32	28	56	34	30	59	239	8	5	13	0	43	295
% w/ Diabetes	15%	17%	25%	17%	18%	22%	19%	6%	8%	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	1
Aggression							1	1
Assault, Pt./Pt			2					2
Change in Medical Status-Transferred	5	3	18	1	9	3	3	42
Fall Type 1-Injury with treatment		1	1	1	1	1	4	9
Fall Type 2-No treatment needed							1	1
Illicit Substance Use/Possession					1			1
Other							3	3
Seizure					1			1
Self-Injurious behavior					3		13	16
Suicide Attempt			1					1
Totals	5	4	22	2	15	4	26	78

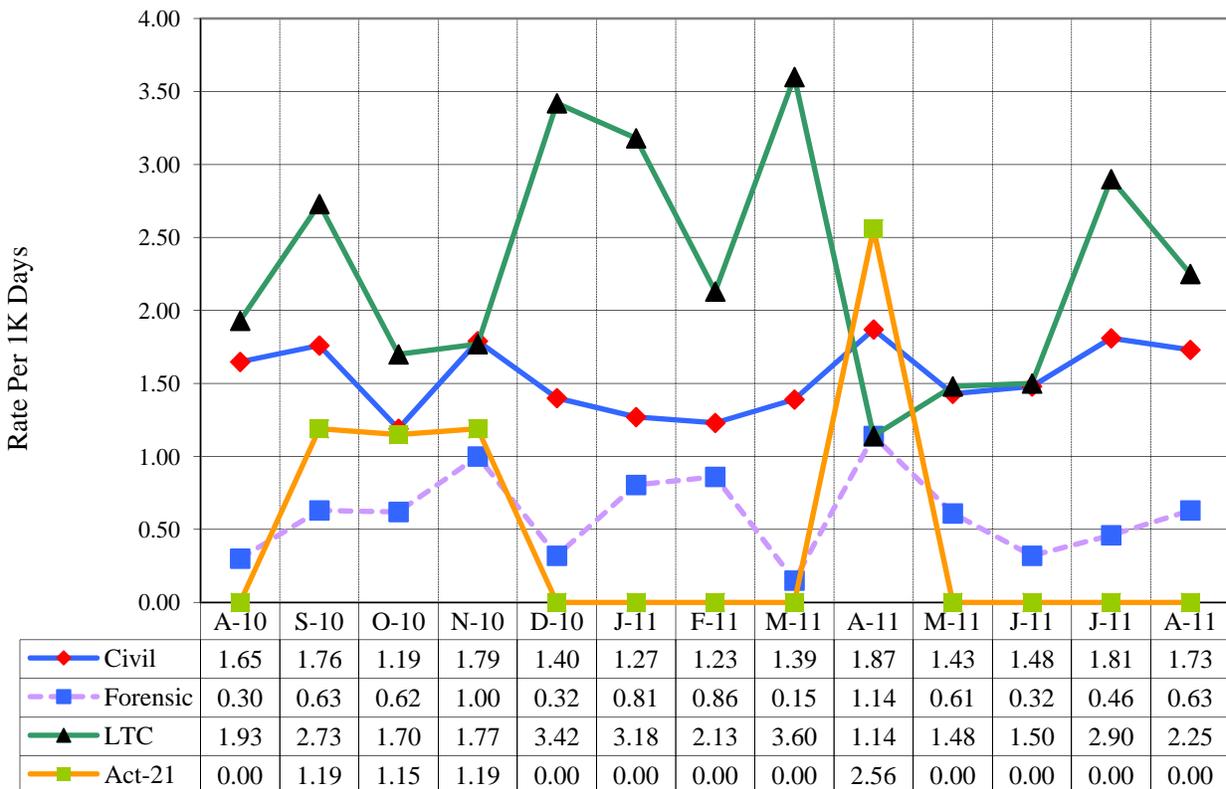
## Falls

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	
Aug-10	1.75	2.18	0.86	3.27	0.59	1.58	1.65	0.49	0.00	0.30	0.00	1.93	1.47
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

**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	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
WAR	3.00										1.00	2.00	

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

ABV	Total	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
WAR	2	0	0	0	0	0	0	0	0	0	1	1	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
WER	35-3	5.92

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

ABV	Total	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
CLA	1.58	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00
NOR	6.12	0.48	0.00	2.22	0.00	0.42	1.00	0.83	0.75	0.00	0.42	0.00	0.00
WAR	0.20	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WER	30.67	0.00	0.40	0.00	0.00	8.43	2.50	1.50	3.17	0.98	3.52	4.25	5.92

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

ABV	Total	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
CLA	2	1	0	0	0	0	0	0	0	0	1	0	0
NOR	9	1	0	3	0	1	1	1	1	0	1	0	0
WAR	1	0	0	1	0	0	0	0	0	0	0	0	0
WER	26	0	1	0	0	8	2	2	4	1	3	3	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
TOR	023	2.17	NOR	01A1	0.08
TOR	FC2	1.75	WER	34-4	0.07
WER	35-3	0.88	DAN	212	0.07
CLA	3	0.63	CLA	1	0.05
NOR	01C1	0.47	NOR	51C2	0.05
DAN	312	0.42	WER	34-3	0.05
TOR	FB4	0.35	WAR	3SW	0.03
CLA	7	0.33	NOR	51B2	0.03
TOR	013	0.33	NOR	51A2	0.03
TOR	062	0.33	NOR	10C1	0.03
WER	37-3	0.30	TOR	011	0.03
NOR	51A1	0.22	WER	37-1	0.02
WER	37-2	0.17	NOR	51C1	0.02
TOR	021	0.15	WER	35-2	0.02
WER	34-2	0.13			

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

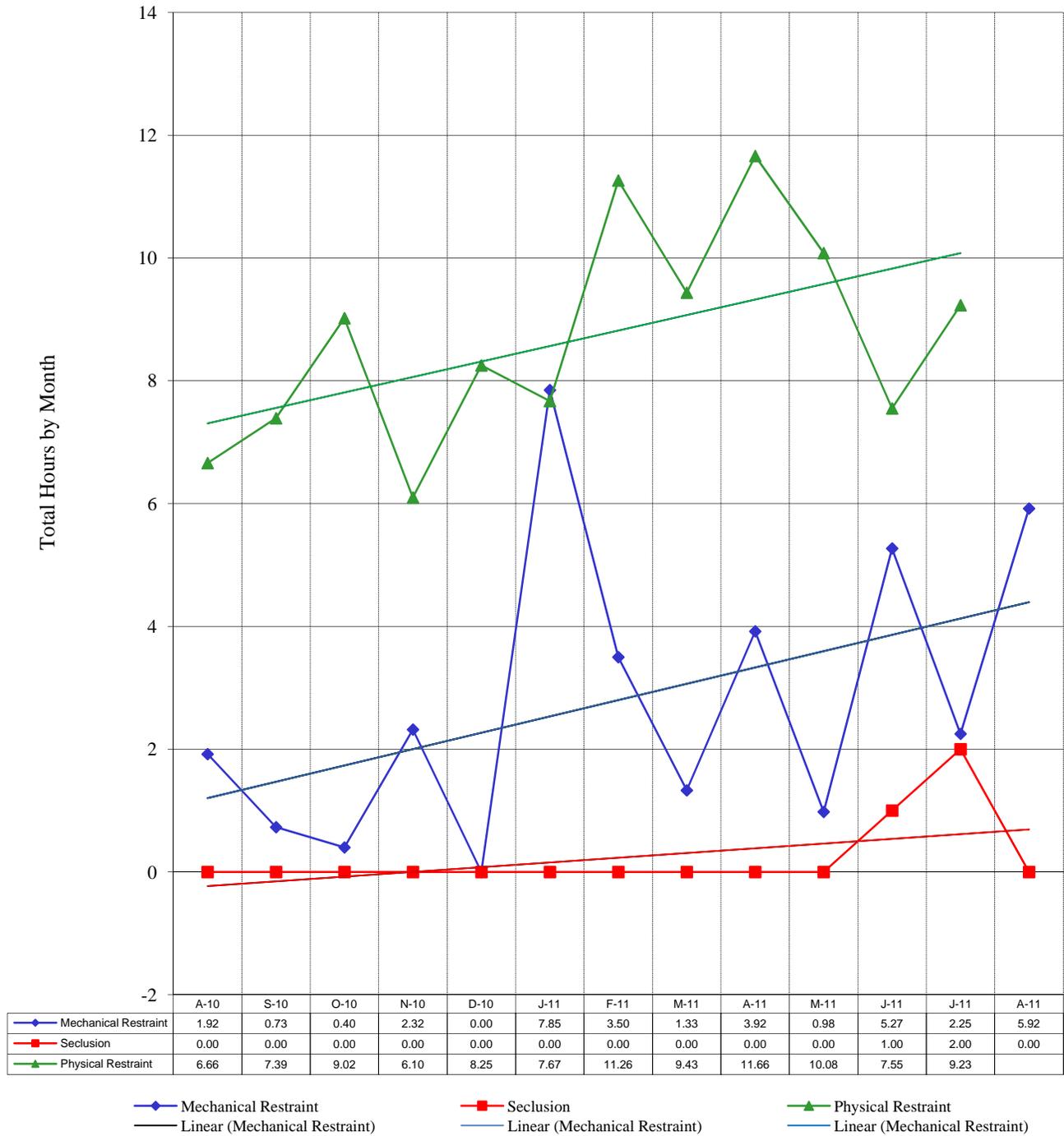
ABV	Total	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
CLA	11.58	0.29	0.18	0.62	1.44	0.36	0.19	1.25	2.92	1.05	0.88	1.40	1.01
DAN	22.49	2.17	1.92	0.94	2.35	1.56	2.06	4.96	1.73	0.39	1.44	2.47	0.49
NOR	6.14	0.38	0.59	0.85	0.48	0.45	0.62	0.45	0.28	0.41	0.43	0.25	0.94
TOR	48.48	3.38	4.09	2.02	2.25	2.02	5.93	8.16	4.33	5.30	2.48	3.40	5.12
WAR	7.39	0.75	0.00	1.85	2.25	0.03	0.18	0.17	0.10	0.95	0.63	0.45	0.03
WER	19.05	0.42	1.91	0.71	0.30	2.92	2.25	1.13	2.30	1.98	2.91	0.60	1.64

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

ABV	Total	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11
CLA	141	7	7	11	10	6	3	11	21	14	13	27	11
DAN	192	14	18	16	17	10	11	19	24	6	12	27	18
NOR	205	9	14	18	20	19	12	15	9	16	21	13	39
TOR	261	20	18	14	15	18	26	38	26	22	19	24	21
WAR	42	3	0	8	4	2	2	2	2	8	5	5	1
WER	192	14	18	15	7	11	7	13	16	21	21	21	28

## 12-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
Nov-10	149	95	127	94	96	165	726	32	23	55	3	784
Feb-11	143	100	123	95	96	135	692	37	24	61	3	756
May-11	149	96	125	99	94	139	702	33	25	58	4	764
Aug-11	146	90	122	95	93	133	679	39	19	58	3	740

**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
Nov-10	20	39	14	49	47	48	217	5	7	12	0	229
Feb-11	9	48	19	63	48	54	241	7	5	12	0	253
May-11	11	51	16	61	54	43	236	9	7	16	0	252
Aug-11	12	45	21	65	50	40	233	7	13	20	0	253

**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
Nov-10	58	60	115	47	38	108	426	21	21	42	0	468
Feb-11	52	53	109	50	43	116	423	27	17	44	0	467
May-11	55	58	118	57	43	118	449	26	17	43	0	492
Aug-11	44	46	111	69	41	114	425	29	12	41	0	466

## 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	52	TOR	023	8	SMO	5A	3
WER	35-3	34	WER	37-1	7	WER	34-4	3
SMO	3B	20	WER	34-2	7	TOR	061	3
NOR	01A1	17	NOR	51C1	7	TOR	FB3	2
NOR	51B2	16	WER	35-2	7	WAR	IBE	2
NOR	51C2	14	WER	34-3	6	CLA	4	2
SMO	3A	14	TOR	FC2	6	CLA	6	2
WER	37-2	13	CLA	3	6	CLA	9	2
NOR	51A1	13	NOR	10C1	5	SMO	6A	2
DAN	212	13	WER	35-4	5	DAN	211	2
DAN	312	12	NOR	51B1	4	TOR	024	2
NOR	10A1	10	DAN	311	4	TOR	014	2
CLA	7	10	WER	37-3	4	CLA	1	1
TOR	013	10	WAR	3SW	4	WAR	2SW	1
WAR	3IM	9	WAR	3NM	4	TOR	022	1
TOR	021	9	WAR	2NM	4	TOR	011	1
NOR	09AF	9	TOR	FB4	4	SMO	6B	1
DAN	310	8	NOR	09AR	4	DAN	210	1
NOR	09CF	8	CLA	2	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			SRTP
	Cla	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	
Aug-10	0.44	0.73	2.88	2.13	0.59	0.97	1.35	2.72	1.03	2.10	1.32
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

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

ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	01C1	14	WER	34-2	2
DAN	312	11	WER	34-3	2
NOR	01A1	8	NOR	51A2	1
WER	37-2	7	NOR	51B1	1
SMO	6B	5	TOR	FC2	1
DAN	310	4	WER	37-1	1
CLA	3	4	WER	35-4	1
DAN	211	3	WER	35-2	1
SMO	3B	3	WER	34-4	1
DAN	311	3	WAR	IBE	1
WER	35-3	3	SMO	5A	1
CLA	7	3	WAR	3IM	1
NOR	51A1	3	NOR	51B2	1
WAR	3NM	3	TOR	062	1
TOR	023	3	TOR	022	1
NOR	09AR	3	TOR	021	1
CLA	1	2	TOR	011	1
TOR	FB4	2	SMO	3A	1
WER	37-3	2	NOR	51C2	1
NOR	10C1	2	WAR	3SW	1
NOR	09AF	2			

**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 a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Aug-10	0.00	0.91	0.29	0.33	0.99	0.97	0.57	0.99	0.00	0.60	1.15
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