



## State Hospital Risk Management Summary Report For November 2011

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PA DPW, Bureau of Community & Hospital Operations  
December 30, 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> .)

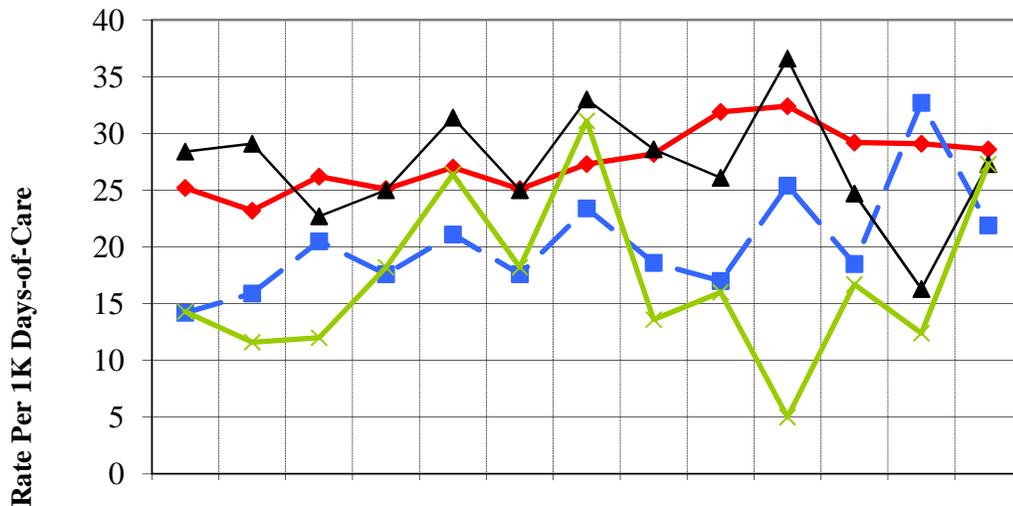
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During **November** a total of 1330 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. Other tables in this report may include 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 11/30/11	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	218	6541	158	24.2
Danville	175	5211	136	26.1
Norristown	221	6860	222	32.4
Torrance	206	5925	187	31.6
Warren	160	4871	103	21.1
Wernersville	271	8044	264	32.8
<b>Total Civil</b>	1251	37452	1070	28.6
<b>Forensic</b>				
Norristown	131	3989	83	20.8
Torrance	85	2532	60	23.7
<b>Total Forensic</b>	216	6521	143	21.9
<b>Act 21</b>				
Act 21	28	807	22	27.3
<b>Total Act 21</b>	28	807	22	27.3
<b>Long Term Care</b>				
South Mountain	132	4002	95	23.7
<b>Total L. T. C.</b>	132	4002	95	23.7
<b>Total</b>	1627	48782	1330	27.3

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



	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11
—◆— Civil	25.2	23.2	26.2	25.1	27.0	25.1	27.3	28.2	31.9	32.4	29.2	29.1	28.6
—■— Forensic	14.2	15.9	20.5	17.6	21.1	17.6	23.4	18.6	17.0	25.4	18.5	32.7	21.9
—▲— Long Term Care	28.4	29.1	22.7	25.0	31.4	25.0	33.0	28.6	26.1	36.6	24.7	16.3	27.3
—×— Act 21	14.3	11.6	12.0	18.2	26.4	18.2	31.1	13.6	16.0	5.0	16.7	12.4	27.3

**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	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
Accident-Injury	268	47	57	51	39	26	48
Adverse Drug Reaction	40	4	11	2	11	6	6
Aggression	1066	156	152	210	169	188	191
Aggression Type 2/Early Medication Order	0						
Airway Obstruction type 1 Intervention	19	3	2	2	1	5	6
Airway Obstruction type 2 No Intervention	12	1	2	4	3		2
Alcohol Use/Possession/Suspected or Confirmed	0						
Alleged Nonconsensual Sexual Activity	15	1	2	4	1	1	6
Alleged Pt. Abuse	43	6	3	4	7	18	5
Assault, Pt./Pt	2049	311	350	423	341	313	311
Assault, Pt./Staff	558	91	111	112	77	92	75
Assault: Patient/Other	3		2		1		
AWOL/UA	76	14	18	18	13	7	6
AWOL-Attempt	61	9	8	15	10	7	12
AWOL-Late	97	11	23	21	11	17	14
Change in Medical Status-Stabilized	102	18	22	12	9	19	22
Change in Medical Status-Transferred	407	76	62	50	75	74	70
Charged post admit/crime committed prior to admit	0						
Charged with alleged crime on hospital grounds	8	2	1	3		2	
Communications Sys. Misuse	19	7	1	1	5	4	1
Community Incident	34	13	3	2	3	2	11
Contraband Possession	96	15	11	16	13	23	18
Fall Type 1-Injury with treatment	466	67	90	85	71	86	67
Fall Type 2-No treatment needed	691	120	100	105	123	141	102
Family Concern	39	7	8	6	9	3	6
Fire Setting	2				2		
Illicit Substance Use/Possession	8			4	2	1	1
Indeterminate/Unconfirmed Cause of Injury	186	26	32	34	28	30	36
Medication Error	179	39	29	34	23	33	21
Missing Property	84	12	18	13	16	18	7
Other	587	81	126	108	101	84	87
Procedural Treatment Error	48	8	8	10	7	8	7
Property Damage	86	16	20	12	8	12	18
Seizure	40	7	4	7	5	9	8
Self-Injurious behavior	797	109	138	161	124	134	131
Sexual Behavior	116	17	26	16	12	25	20
Smoking Violation	114	22	16	17	19	21	19
Substantiated Patient Abuse	11	4	2	4			1
Suicide Attempt	14	2	3	2	1	2	4
Suicide threat/plan	50	7	11	7	9	11	5
Theft	69	11	17	14	6	9	12
Unsubstantiated Nonconsensual Sexual Activity	8		3	1	2		2
Unsubstantiated Patient Abuse	26	4	7	6	4	1	4

## 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	4	5	1	10	3	7	30
Adverse Drug Reaction	1		1			1	3
Aggression	16	7	32	30	18	38	141
Airway Obstruction type 1 Intervention	2					2	4
Airway Obstruction type 2 No Intervention		1		1			2
Alleged Nonconsensual Sexual Activity			4	2			6
Alleged Pt. Abuse	2					2	4
Assault, Pt./Pt	45	27	60	32	16	60	240
Assault, Pt./Staff	7	11	12	7	3	17	57
AWOL/UA		1	2	2		1	6
AWOL-Attempt			6	4	1	1	12
AWOL-Late		2	1	2	5	4	14
Change in Medical Status-Stabilized	1		8	4		1	14
Change in Medical Status-Transferred	12	6	15	12		4	49
Community Incident	5	3		2	1		11
Contraband Possession		4	1		7	3	15
Fall Type 1-Injury with treatment	14	8	7	14	5	10	58
Fall Type 2-No treatment needed	19	11	8	13	6	25	82
Family Concern				5			5
Illicit Substance Use/Possession			1				1
Indeterminate/Unconfirmed Cause of Injury	8	5	7	5		10	35
Medication Error		3	4		2	2	11
Missing Property		3		3		1	7
Other	9	1	8	19	17	18	72
Procedural Treatment Error	1	2	3				6
Property Damage	1	2	6		1		10
Seizure		2		1	1	1	5
Self-Injurious behavior	7	22	13	10	12	39	103
Sexual Behavior	2	2	3	2		11	20
Smoking Violation			11	3	5		19
Substantiated Patient Abuse		1					1
Suicide Attempt	1		3				4
Suicide threat/plan	1	1		2		1	5
Theft		3	5			4	12
Unsubstantiated Nonconsensual Sexual Activity				2			2
Unsubstantiated Patient Abuse		3				1	4
Totals	158	136	222	187	103	264	1070

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

Primary Effect	CLA	DAN	NOR	TOR	WAR	WER	Count
			1				1
Abrasion/scrape/scratch/hematoma	31	21	15	8	8	24	107
Asphyxiation			1				1
Bite-Human	1		1			1	3
Blister			1		1		2
Body System Illness	6	2	6	3			17
Bruise/contusion/discoloration	8	9	6	9	3	16	51
Cellulitis				1		1	2
Constipation				1			1
Death			1	1			2
Dislocation	3					1	4
Edema/swelling	3	1	3	1	1	5	14
Emesis		2				1	3
Epistaxis	1	1	1	2			5
Erythema/redness	2	1	4	2	2	5	16
Fever	1		1			1	3
Fracture				3			3
Ingestion of foreign body		1		1		15	17
Laceration: NO sutures/staples/steri-strips	7	1	3	4		6	21
Laceration: with steristrips/glue		1	1		1		3
Laceration: with sutures/staples	1		1		2		4
Lethargy		1	1	1			3
Muscle pull/strain/sprain				1			1
No Injury/NA	87	91	152	128	79	179	716
Other			7	7	3	2	19
Pain, Specified	3	2	10	11	1	5	32
Respiratory Distress	4		3				7
Seizure		2	2		1	1	6
Skin Irritation/Rash				2	1	1	4
Syncopal episode			1				1
Unconscious/Unresponsive				1			1
Totals	158	136	222	187	103	264	1070

**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						2					2
Aggression	3	4	6	6	1	1		5	1	4	31
Airway Obstruction type 1 Intervention			1								1
Alleged Pt. Abuse				1							1
Assault, Pt./Pt	8	1	12	4	2	4	2		10	8	51
Assault, Pt./Staff		9		1		1				2	13
Change in Medical Status-Stabilized		1		1		1					3
Change in Medical Status-Transferred		1	1			2		1	1	1	7
Contraband Possession								2		1	3
Fall Type 1-Injury with treatment							1			1	2
Fall Type 2-No treatment needed	1		2	1						1	5
Family Concern							1				1
Medication Error		1									1
Other								1			1
Property Damage			3			1					4
Seizure										1	1
Self-Injurious behavior								16			16
Totals	12	17	25	14	3	12	4	25	12	19	143

**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	2		2		1			5		5	15
Asphyxiation			2								2
Body System Illness		1							1		2
Bruise/contusion/dyscoloration	1		1		1						3
Cellulitis					1						1
Edema/swelling		1			1						2
Erythema/redness			1						1		2
Laceration: NO sutures/staples/steri-strips					1		1	2		1	5
No Injury/NA	8	15	18	3	6	12	2	16	8	12	100
Other						1		1			2
Pain, Specified			1			1	1	1	2	1	7
Unconscious/Unresponsive					1						1
Visual changes	1										1
Totals	12	17	25	3	12	14	4	25	12	19	143

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	2	2	3	1		8
Adverse Drug Reaction		1	1			2
Aggression	15				1	16
Airway Obstruction type 1 Intervention		1				1
Assault, Pt./Pt	7	4	1			12
Assault, Pt./Staff				1		1
Change in Medical Status-Stabilized	1			1		2
Change in Medical Status-Transferred	2		1	3	5	11
Communications Sys. Misuse			1			1
Fall Type 1-Injury with treatment	1	1	1	1	2	6
Fall Type 2-No treatment needed	4	2		1		7
Medication Error	1	1	1	3		6
Other	2	6	1	2	1	12
Procedural Treatment Error				1		1
Property Damage	1	1			2	4
Self-Injurious behavior		1		3	1	5
Totals	36	20	10	17	12	95

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	4	5	3	3	1	16
Bruise/contusion/discoloration				1		1
Death	2			2	1	5
Emesis			1			1
Epistaxis		1				1
Erythema/redness					2	2
Fracture				1		1
Lethargy		1		1		2
No Injury/NA	28	11	4	6	3	52
Other				1		1
Pain, Specified	1	1	2		1	5
Respiratory Distress		1		2	3	6
Unconscious/Unresponsive	1				1	2
Totals	36	20	10	17	12	95

**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
Accident-Injury	7	7
Adverse Drug Reaction	1	1
Aggression	2	2
Assault, Pt./Pt	2	2
Change in Medical Status-Stabilized	3	3
Change in Medical Status-Transferred	2	2
Fall Type 2-No treatment needed	1	1
Indeterminate/Unconfirmed Cause of Injury	1	1
Other	1	1
Self-Injurious behavior	2	2
Totals	22	22

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

Primary Effect	TOR	Count
Abrasion/scrape/scratch/hematoma	1	1
Body System Illness	2	2
Bruise/contusion/discoloration	4	4
Edema/swelling	3	3
Emesis	1	1
Erythema/redness	2	2
No Injury/NA	5	5
Other	2	2
Pain, Specified	1	1
Skin Irritation/Rash	1	1
Totals	22	22

## 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
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%
Nov-11	Total Users	127	85	132	95	82	147	668	25	693
	% of Census	58%	49%	60%	46%	51%	54%	53%	19%	43%

**Table 11 - Diabetes**

Nov-11	Civil Hospitals							Forensic Centers			A21	LTC	Sys
	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Patient Census	218	175	221	206	160	271	1251	131	85	216	28	132	1627
Count	33	31	51	41	25	63	244	12	8	20	0	41	305
% w/ Diabetes	15%	18%	23%	20%	16%	23%	20%	9%	9%	9%	0%	31%	19%

**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
Accident-Injury		1						1
Aggression			1				1	2
Airway Obstruction type 1 Intervention	1							1
Alleged Nonconsensual Sexual Activity					1			1
Assault, Pt./Pt			2		1			3
Change in Medical Status-Transferred	10	3	11	10	14	1	4	53
Fall Type 1-Injury with treatment		1				1		2
Fall Type 2-No treatment needed			1					1
Indeterminate/Unconfirmed Cause of Injury					1			1
Other					1		2	3
Seizure		1					1	2
Self-Injurious behavior	1					1	9	11
Sexual Behavior	1							1
Totals	13	6	15	10	18	3	17	82

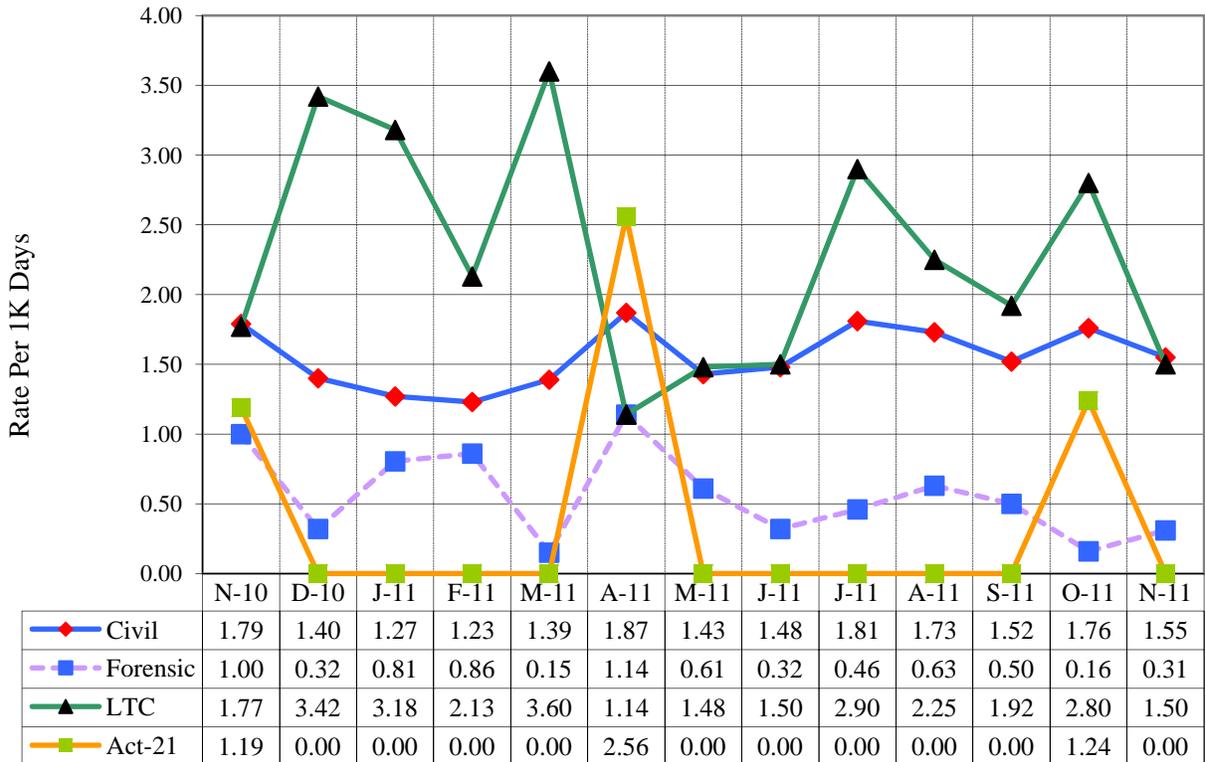
## Falls

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	
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
Oct-11	2.21	1.50	2.10	1.48	1.76	1.47	1.76	0.00	0.46	0.16	1.24	2.80	1.62
Nov-11	2.14	1.54	1.02	2.36	1.03	1.24	1.55	0.00	0.79	0.31	0.00	1.50	1.35

**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	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
WAR	3.00							1.00	2.00				

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

ABV	Total	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
WAR	2	0	0	0	0	0	0	1	1	0	0	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**

No Mechanical Restraint Usage in November

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

ABV	Total	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
CLA	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00	0.00
NOR	14.92	0.00	0.42	1.00	0.83	0.75	0.00	0.42	0.00	0.00	11.00	0.50	0.00
WER	37.00	0.00	8.43	2.50	1.50	3.17	0.98	3.52	4.25	5.92	2.93	3.80	0.00

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

ABV	Total	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
CLA	1	0	0	0	0	0	0	1	0	0	0	0	0
NOR	28	0	1	1	1	1	0	1	0	0	22	1	0
WER	30	0	8	2	2	4	1	3	3	2	2	3	0

**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	ABV	WARD	Total
TOR	023	2.13	TOR	FC1	0.17	NOR	51B1	0.03
CLA	3	1.31	TOR	014	0.17	WER	37-2	0.03
TOR	FC2	0.62	WER	34-4	0.15	NOR	09AR	0.02
TOR	062	0.55	TOR	013	0.10	CLA	2	0.02
TOR	011	0.47	TOR	042	0.10	TOR	021	0.02
WAR	3IM	0.42	NOR	10C1	0.08	CLA	4	0.01
TOR	FB4	0.38	CLA	6	0.08	DAN	212	0.00
CLA	7	0.38	NOR	10C2	0.07	WER	37-3	0.00
NOR	51A2	0.35	NOR	51A1	0.07	DAN	211	0.00
DAN	312	0.34	WER	35-3	0.06			
NOR	01C1	0.33	NOR	51B2	0.05			
WER	34-3	0.17	NOR	51C2	0.04			

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

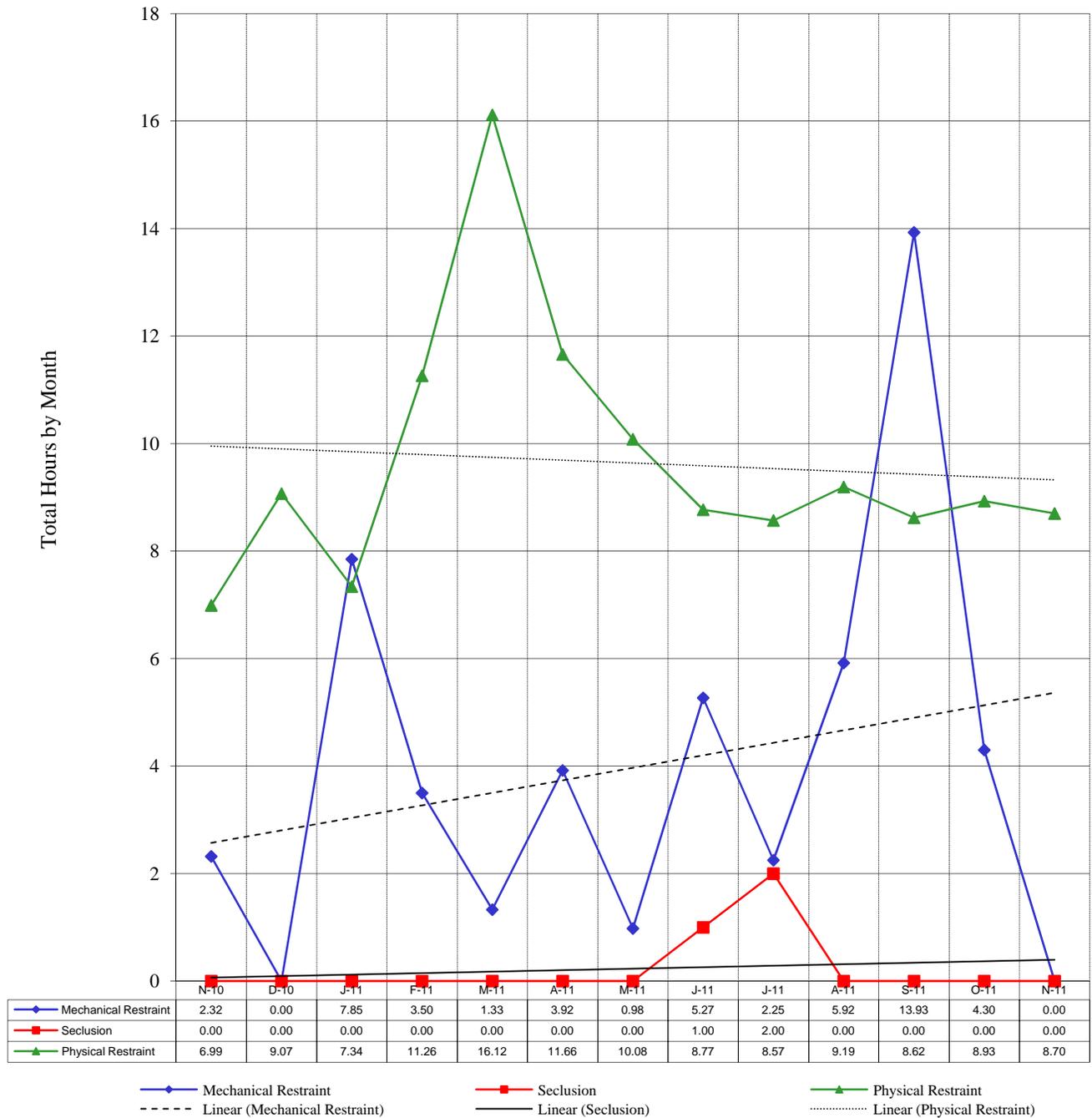
ABV	Total	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
CLA	15.72	1.44	0.36	0.19	1.25	2.92	1.05	0.88	1.40	1.01	1.62	1.81	1.80
DAN	18.59	2.35	1.56	2.06	4.96	1.73	0.39	1.44	2.47	0.49	0.28	0.52	0.35
NOR	7.71	0.48	0.45	0.62	0.45	0.28	0.41	0.43	0.25	0.94	0.92	1.45	1.03
TOR	52.36	2.25	2.02	5.93	8.16	4.33	5.30	2.48	3.40	5.12	4.17	4.50	4.70
WAR	5.54	2.25	0.03	0.18	0.17	0.10	0.95	0.63	0.45	0.03	0.17	0.17	0.42
WER	19.02	0.30	2.92	2.25	1.13	2.30	1.98	2.91	0.60	1.63	1.60	1.01	0.40

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

ABV	Total	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11	Aug_11	Sep_11	Oct_11	Nov_11
CLA	166	10	6	3	11	21	14	13	27	11	14	17	19
DAN	168	17	10	11	19	24	6	12	27	18	8	9	7
NOR	250	20	19	12	15	9	16	21	13	39	27	33	26
TOR	278	15	18	26	38	26	22	19	24	21	20	21	28
WAR	36	4	2	2	2	2	8	5	5	1	1	2	2
WER	181	7	11	7	13	16	21	21	21	28	17	10	9

## 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.*

M/Y	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
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
Nov-11	146	98	118	93	92	138	685	47	21	68	3	756

**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.*

M/Y	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
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
Nov-11	7	48	22	41	39	37	194	5	9	14	0	208

**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			S RTP	Sys
M/Y	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
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
Nov-11	48	43	110	64	39	118	422	21	17	38	0	460

## 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									
CLA	7	27	WAR	3NM	8	DAN	310	4	CLA	8	2
NOR	01C1	20	WER	35-4	8	NOR	51C2	4	NOR	51C1	2
WER	37-1	19	SMO	3A	7	CLA	2	4	TOR	011	2
NOR	51B1	12	NOR	09AF	7	DAN	212	4	TOR	012	2
NOR	09CF	12	TOR	023	6	TOR	042	4	TOR	062	2
DAN	312	11	WER	35-2	6	SMO	3B	4	TOR	FB3	2
NOR	10A1	10	WER	34-4	6	WAR	3IM	4	WAR	2NM	2
TOR	FC1	10	WAR	IBE	6	WER	34-2	4	WAR	3SW	2
WER	37-2	9	TOR	013	6	CLA	3	4	WER	34-3	2
NOR	51A1	8	WER	35-3	5	TOR	021	4	NOR	51A2	1
NOR	01A1	8	CLA	4	5	DAN	210	3	WER	37-3	1
TOR	FC2	8	DAN	211	5	CLA	6	3	SMO	5A	1
TOR	061	8	NOR	51B2	4	NOR	09AR	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.	
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
Oct-11	1.03	1.88	2.70	2.29	0.98	1.34	1.70	5.81	0.91	4.06	0.00
Nov-11	1.99	0.77	2.62	2.36	1.03	1.37	1.74	2.26	3.16	2.61	1.24

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

ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	51A2	9	DAN	212	2
NOR	01C1	8	TOR	FC2	2
CLA	3	6	DAN	211	2
WER	34-3	4	TOR	011	1
WER	34-2	4	CLA	6	1
WAR	IBE	4	NOR	10C1	1
DAN	312	4	NOR	10C2	1
TOR	023	3	NOR	51B2	1
WER	37-2	3	SMO	6A	1
WER	35-4	3	TOR	014	1
WAR	3IM	3	TOR	021	1
DAN	311	3	TOR	061	1
NOR	01A1	2	WER	34-4	1
WER	37-3	2	NOR	51C2	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 a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
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	0.61	0.54	0.50	0.00	0.34	0.00
Oct-11	0.74	2.44	2.70	0.82	0.78	1.83	1.57	2.27	0.00	1.46	0.00
Nov-11	0.15	0.58	0.58	0.84	0.00	1.24	0.61	1.50	0.39	1.07	0.00