



State Hospital Risk Management Summary Report For April 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> .)

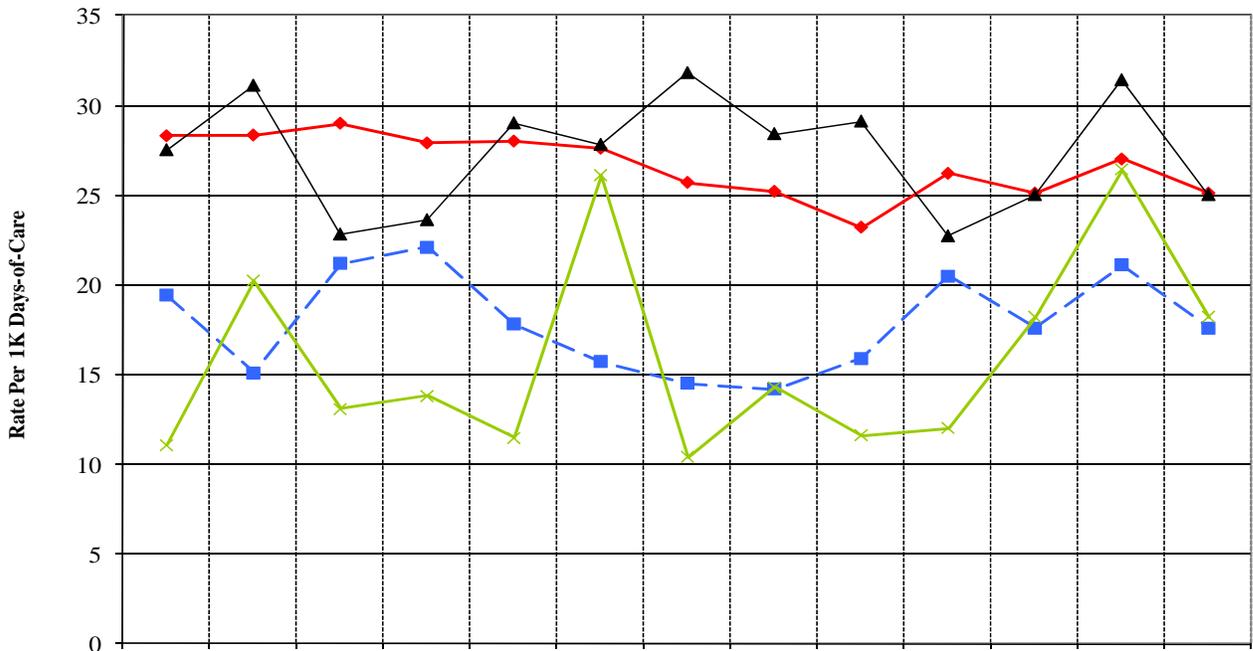
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During **April** a total of 1613 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. Other tables in this report may include 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 4/30/11	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	220	6601	116	17.6
Danville	169	5151	144	28.0
Norristown	214	6471	210	32.5
Torrance	206	5918	198	33.5
Warren	168	5122	117	22.8
Wernersville	272	8160	229	28.1
Total Civil	1249	37423	1014	27.1
Forensic				
Norristown	127	3838	91	23.7
Torrance	76	2303	47	20.4
Total Forensic	203	6141	138	22.5
Act 21				
Act 21	27	782	11	14.1
Total Act 21	27	782	11	14.1
Long Term Care				
South Mountain	134	4033	113	28.0
Total L. T. C.	134	4033	113	28.0
Total	1613	48379	1276	26.4

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



	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
—◆— Civil	28.3	28.3	29	27.9	28	27.6	25.7	25.2	23.2	26.2	25.1	27.0	25.1
—■— Forensic	19.4	15.1	21.2	22.1	17.8	15.7	14.5	14.2	15.9	20.5	17.6	21.1	17.6
—▲— Long Term Care	27.5	31.1	22.8	23.6	29	27.8	31.8	28.4	29.1	22.7	25.0	31.4	25.0
—×— Act 21	11.1	20.2	13.1	13.8	11.5	26.1	10.4	14.3	11.6	12.0	18.2	26.4	18.2

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

CATEGORY	Count	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
Accident-Injury	320	60	52	44	37	44	47	36
Adverse Drug Reaction	40	6	5	9	7	2	7	4
Aggression	1134	183	148	163	133	126	201	180
Aggression Type 2/Early Medication Order	1						1	
Airway Obstruction type 1 Intervention	19	4	3		5	1	2	4
Airway Obstruction type 2 No Intervention	22	2	1	8	3	4	2	2
Alleged Nonconsensual Sexual Activity	21	4		6	2	4	1	4
Alleged Pt. Abuse	66	7	3	13	8	11	17	7
Assault, Pt./Pt	1932	300	253	244	321	227	314	273
Assault, Pt./Staff	601	82	83	93	78	78	100	87
AWOL/UA	94	20	13	14	4	18	12	13
AWOL-Attempt	35	4	5	5	6	6	8	1
AWOL-Late	58	12	6	6	2	7	12	13
Change in Medical Status-Stabilized	93	8	9	18	17	14	12	15
Change in Medical Status-Transferred	454	58	57	69	72	64	69	65
Charged post admit/crime committed prior to admit	5	1			1	1	1	1
Charged with alleged crime on hospital grounds	18	2	4	5	3		3	1
Communications Sys. Misuse	21	5	4	1	3	5	2	1
Community Incident	32	1	5	3	8	5	4	6
Contraband Possession	129	21	13	26	27	7	16	19
Fall Type 1-Injury with treatment	516	60	86	81	69	59	75	86
Fall Type 2-No treatment needed	764	123	108	109	122	86	109	107
Family Concern	31	1	2	9	7	3	3	6
Fire Setting	3		1	2				
Illicit Substance Use/Possession	11	3	1	3		3		1
Medication Error	220	25	42	26	35	38	32	22
Property Damage	105	18	14	20	14	12	12	15
Self-Injurious behavior	705	75	111	109	107	101	98	104
Sexual Behavior	137	12	18	17	30	31	18	11
Smoking Violation	160	23	18	46	18	16	14	25
Substantiated Nonconsensual Sexual Activity	3			1		2		
Substantiated Patient Abuse	12	2	3		3	1	1	2
Suicide Attempt	8	2			4	1		1
Suicide threat/plan	72	9	10	5	9	11	15	13
Unsubstantiated Nonconsensual Sexual Activity	8				2		6	
Unsubstantiated Patient Abuse	44	12	11	7	6	3	2	3

***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.

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	2	1	4	2	3	6	18
Adverse Drug Reaction	1		1		1	1	4
Aggression	24	11	29	36	15	29	144
Airway Obstruction type 1 Intervention		1		2			3
Airway Obstruction type 2 No Intervention		1			1		2
Alleged Nonconsensual Sexual Activity			4				4
Alleged Pt. Abuse	2					3	5
Assault, Pt./Pt	18	40	63	37	23	30	211
Assault, Pt./Staff	5	20	13	7	4	22	71
Assault: Patient/Other					1	1	2
AWOL/UA	1	1	2	3	1	5	13
AWOL-Attempt						1	1
AWOL-Late		4		3	3	3	13
Change in Medical Status-Stabilized		1	5	1	2	2	11
Change in Medical Status-Transferred	2	3	16	9	2	9	41
Charged post admit/crime committed prior to admit						1	1
Charged with alleged crime on hospital grounds		1					1
Communications Sys. Misuse		1					1
Community Incident		3		3			6
Contraband Possession		2	7		4	4	17
Fall Type 1-Injury with treatment	9	5	12	14	5	25	70
Fall Type 2-No treatment needed	21	9	5	15	7	30	87
Family Concern				4	1	1	6
Illicit Substance Use/Possession		1					1
Indeterminate/Unconfirmed Cause of Injury	4	3	6	4	1	8	26
Medication Error		4	2			1	7
Missing Property	1	2	2	1	3	2	11
Other	12	5	11	12	19	13	72
Procedural Treatment Error		2	4				6
Property Damage		3	3	1		1	8
Seizure				1	2	1	4
Self-Injurious behavior	7	15	5	25	12	19	83
Sexual Behavior	3		2	4	1	1	11
Smoking Violation		1	7	13		4	25
Substantiated Patient Abuse		1				1	2
Suicide Attempt				1			1
Suicide threat/plan	4	2	3		3	1	13
Theft			3		2	3	8
Unknown					1		1
Unsubstantiated Patient Abuse		1	1			1	3
Totals	116	144	210	198	117	229	1014

Table 3 - Primary Effect of Incidents in the Civil Hospitals

Primary effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	8	12	13	16	8	29	86
Allergic reaction			1				1
Asphyxiation				1			1
Bite-Human			1				1
Bite-Insect				1			1
Body System Illness	1		4	5	2	2	14
Bruise/contusion/discoloration	7	7	3	7	6	11	41
Burn/Scald			1	1		1	3
Cellulitis			1				1
Concussion		1					1
Damaged or lost tooth		1					1
Death			2	1	1		4
Edema/swelling	5		5	2	1	2	15
Emesis		3	1				4
Epistaxis	1	1			1		3
Erythema/redness		5	3	4	2	5	19
Fever						1	1
Ingestion of foreign body			1	2		5	8
Laceration: NO sutures/staples/steri-strips	1	2	7	6	1	1	18
Laceration: with steristrips/glue	2		1	1		2	6
Laceration: with sutures/staples	2			3	1		6
Lethargy	1		2			1	4
Muscle pull/strain/sprain	1					1	2
No Injury/NA	84	109	142	137	87	143	702
Other		1	4	2	2	9	18
Pain unspecified				1		2	3
Pain, Specified	3	1	14	3	2	10	33
Respiratory Distress			2	3	1	2	8
Seizure		1		1	2		4
Skin Irritation/Rash						2	2
Sunburn			1	1			2
Unconscious/Unresponsive			1				1
Totals	116	144	210	198	117	229	1014

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		1				3
Aggression	2	2	10		3	3	1	1	1	2	25
Airway Obstruction type 1 Intervention						1					1
Alleged Pt. Abuse	1				1						2
Assault, Pt./Pt		8	4	10	10	6		2		2	42
Assault, Pt./Staff	4	1	3			1		3			12
Change in Medical Status-Stabilized				2	1						3
Change in Medical Status-Transferred			2		1		1			3	7
Contraband Possession									1		1
Fall Type 1-Injury with treatment					3		1	3			7
Fall Type 2-No treatment needed			1				2	2			5
Indeterminate/Unconfirmed Cause of Injury			1						1		2
Medication Error	1			1	1			1			4
Missing Property								1			1
Other			1			2	1				4
Property Damage	1		1					1			3
Seizure								1			1
Self-Injurious behavior								15			15
Totals	9	11	24	13	21	13	7	30	3	7	138

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	1	2	1	2	1	3		5		2	17
Bite-Human								2			2
Body System Illness			1		1					1	3
Bruise/contusion/discoloration	1	1	1	2	1	1	1	3			11
Burn/Scald						1					1
Edema/swelling			1					2			3
Epistaxis				1							1
Erythema/redness						1		1			2
Ingestion of foreign body								1			1
Laceration: NO sutures/staples/steri-strips							1				1
No Injury/NA	7	8	18	10	9	5	4	13	2	2	78
Other			2	1		1	1				5
Pain, Specified				5		1		2		2	10
Respiratory Distress					1						1
Seizure								1			1
Syncopal episode									1		1
Totals	9	11	24	21	13	13	7	30	3	7	138

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	1	2	4	1	4	12
Aggression	2	3	2		2	9
Assault, Pt./Pt	6	4	6		4	20
Assault, Pt./Staff	1	1			1	3
Assault: Patient/Other		1				1
Change in Medical Status-Stabilized		1				1
Change in Medical Status-Transferred	4	2	3	1	3	13
Fall Type 1-Injury with treatment	1		1		1	3
Fall Type 2-No treatment needed	3		2	1	3	9
Medication Error	1	1	2	4	3	11
Missing Property				1		1
Other	1	1	5	2	7	16
Procedural Treatment Error	1				1	2
Property Damage		4				4
Seizure			1			1
Self-Injurious behavior				5		5
Theft					2	2
Totals	21	20	26	15	31	113

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma		3	4	6	3	16
Bruise/contusion/discoloration	1		2		4	7
Death	1				2	3
Epistaxis		1				1
Fever	1					1
Ingestion of foreign body				1		1
Laceration: NO sutures/staples/steri-strips	2		2			4
Laceration: with steristrips/glue			1			1
Lethargy	2		1			3
No Injury/NA	13	14	13	7	19	66
Other				1		1
Pain, Specified			1			1
Respiratory Distress		2				2
Seizure			1			1
Unconscious/Unresponsive	1		1		3	5
Totals	21	20	26	15	31	113

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	3	3
Aggression	2	2
Assault, Pt./Staff	1	1
Change in Medical Status-Transferred	1	1
Fall Type 1-Injury with treatment	2	2
Fall Type 2-No treatment needed	1	1
Self-Injurious behavior	1	1
Totals	11	11

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

Primary effect	TOR	Count
Abrasion/scrape/scratch/hematoma	1	1
Edema/swelling	2	2
Erythema/redness	1	1
Laceration: with steristrips/glue	1	1
No Injury/NA	3	3
Other	1	1
Pain, Specified	2	2
Totals	11	11

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), 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
Jul-10	Total Users	140	82	138	106	89	158	713	19	732
		64%	46%	61%	52%	56%	60%	54%	14%	50%
Oct-10	Total Users	133	78	155	115	84	146	711	17	728
	% of Census	61%	45%	69%	57%	51%	54%	57%	13%	53%
Jan-11	Total Users	128	78	140	96	85	146	673	18	691
	Census	59%	45%	64%	47%	52%	54%	54%	14%	50%
Apr-11	Total Users	130	72	135	108	83	150	678	19	697
	% of Census	59%	43%	63%	52%	49%	55%	54%	14%	43%

Table 11 - Diabetes

Civil Hospitals								Forensic Centers			A21	LTC	Sys
Apr-11	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Patient Census	220	169	214	206	168	272	1249	127	76	203	27	134	1613
Count	32	31	53	47	31	60	254	9	11	20	0	52	326
% w/ Diabetes	15%	18%	25%	23%	18%	22%	20%	7%	14%	10%	0%	39%	20%

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. Table 12 provides detail on the reasons for an acute care hospitalization during this report period.

Primary effect	CLA	DAN	NOR	SMO	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma				1				1
Allergic reaction				1				1
Body System Illness	1		6		6	1	2	16
Bruise/contusion/discoloration			1					1
Burn/Scald			1					1
Cellulitis			1					1
Edema/swelling			1					1
Emesis		1	1					2
Fever					1		1	2
Ingestion of foreign body			1	1			3	5
Laceration: NO sutures/staples/steri-strips			1		1			2
Laceration: with steristrips/glue					1			1
Laceration: with sutures/staples					1	1		2
Lethargy	1		2	2			1	6
No Injury/NA					2			2
Other			4	1	3		5	13
Pain, Specified		1	4	1	3			9
Respiratory Distress			2	2	3		2	9
Seizure					1			1
Syncopal episode					1			1
Unconscious/Unresponsive			1	4				5
Totals	2	2	28	12	22	2	14	82

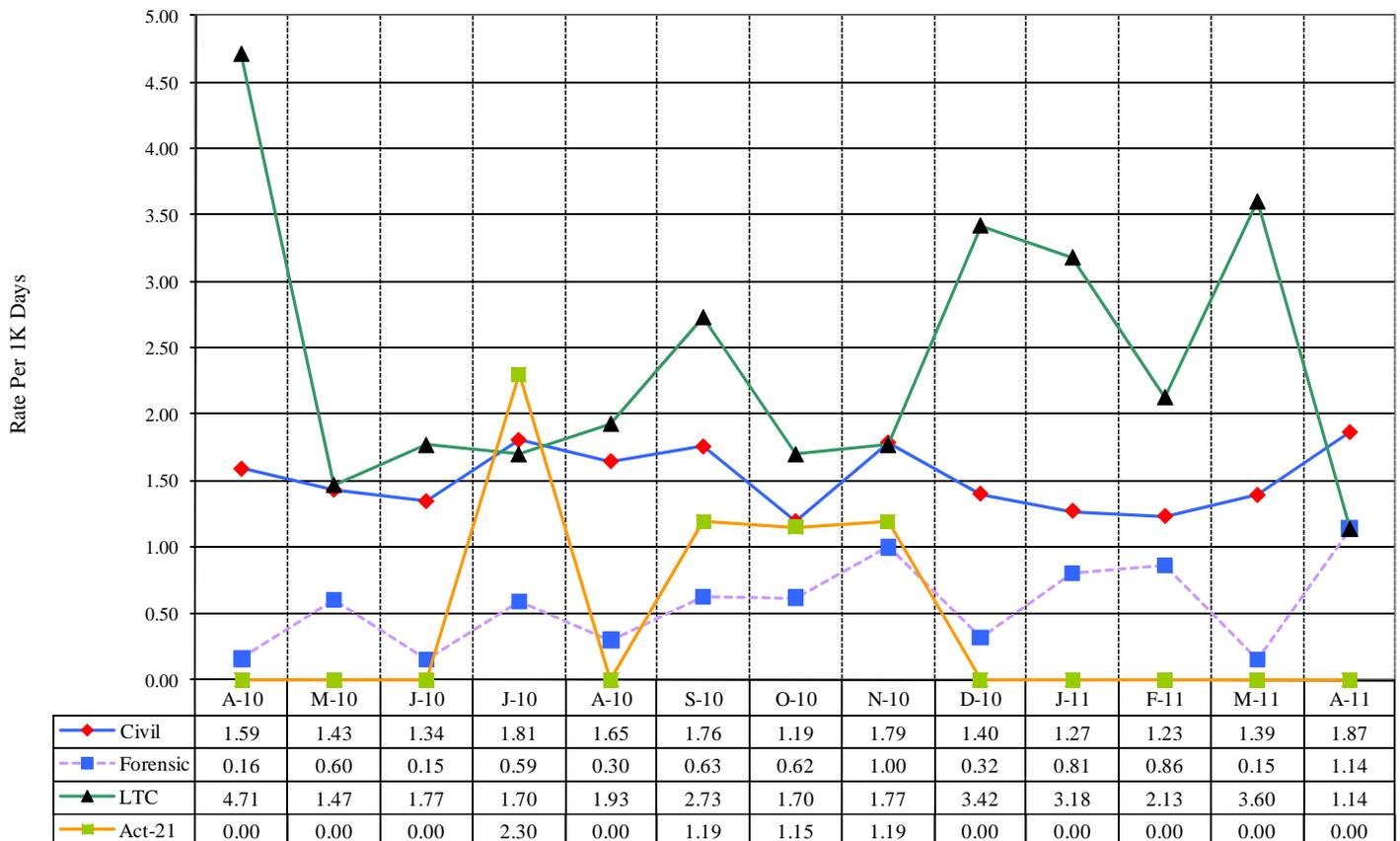
Falls

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	
Apr-10	1.66	1.98	1.92	1.69	0.83	1.24	1.59	0.00	0.00	0.16	0.00	4.71	1.63
May-10	1.46	1.32	0.87	2.13	1.42	1.76	1.43	0.49	1.11	0.60	0.00	1.47	1.59
Jun-10	1.81	1.55	1.63	1.75	0.41	1.04	1.34	0.00	0.56	0.15	0.00	1.77	1.65
Jul-10	2.33	1.47	0.87	3.46	1.37	0.99	1.81	0.74	0.00	0.59	2.30	1.70	1.65
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	0.00	1.14	1.65

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	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
TOR	0.50	0.50											
WAR	0.50	0.50											

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

ABV	Total	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
TOR	1	1	0	0	0	0	0	0	0	0	0	0	0
WAR	1	1	0	0	0	0	0	0	0	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

ABV	WARD	Total Hrs
WER	35-3	2.83
NOR	51B1	0.75
WER	35-4	0.33

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

ABV	Total	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
CLA	0.65	0.00	0.40	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOR	14.45	1.08	5.00	1.75	0.92	0.48	0.00	2.22	0.00	0.42	1.00	0.83	0.75
WAR	0.78	0.00	0.00	0.58	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
WER	19.67	1.92	0.00	0.75	1.00	0.00	0.40	0.00	0.00	8.43	2.50	1.50	3.17

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

ABV	Total	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
CLA	2	0	1	0	0	1	0	0	0	0	0	0	0
NOR	13	2	1	1	1	1	0	3	0	1	1	1	1
WAR	3	0	0	2	0	0	0	1	0	0	0	0	0
WER	23	4	0	1	1	0	1	0	0	8	2	2	4

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
DAN	312	1.73	CLA	6	0.25
WER	35-3	1.44	WER	34-2	0.20
CLA	3	1.42	NOR	51B1	0.10
CLA	7	1.15	WAR	3SW	0.10
TOR	023	1.07	NOR	51A1	0.08
TOR	062	0.50	TOR	012	0.08
TOR	014	0.45	CLA	5	0.08
TOR	FB4	0.42	TOR	022	0.07
TOR	FC2	0.40	WER	34-4	0.07
TOR	013	0.38	NOR	01C1	0.06
TOR	011	0.35	NOR	01A1	0.03
TOR	024	0.33	CLA	4	0.02
WER	35-4	0.33	WER	34-3	0.01
TOR	FC1	0.28	DAN	311	0.01
WER	37-2	0.25			

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

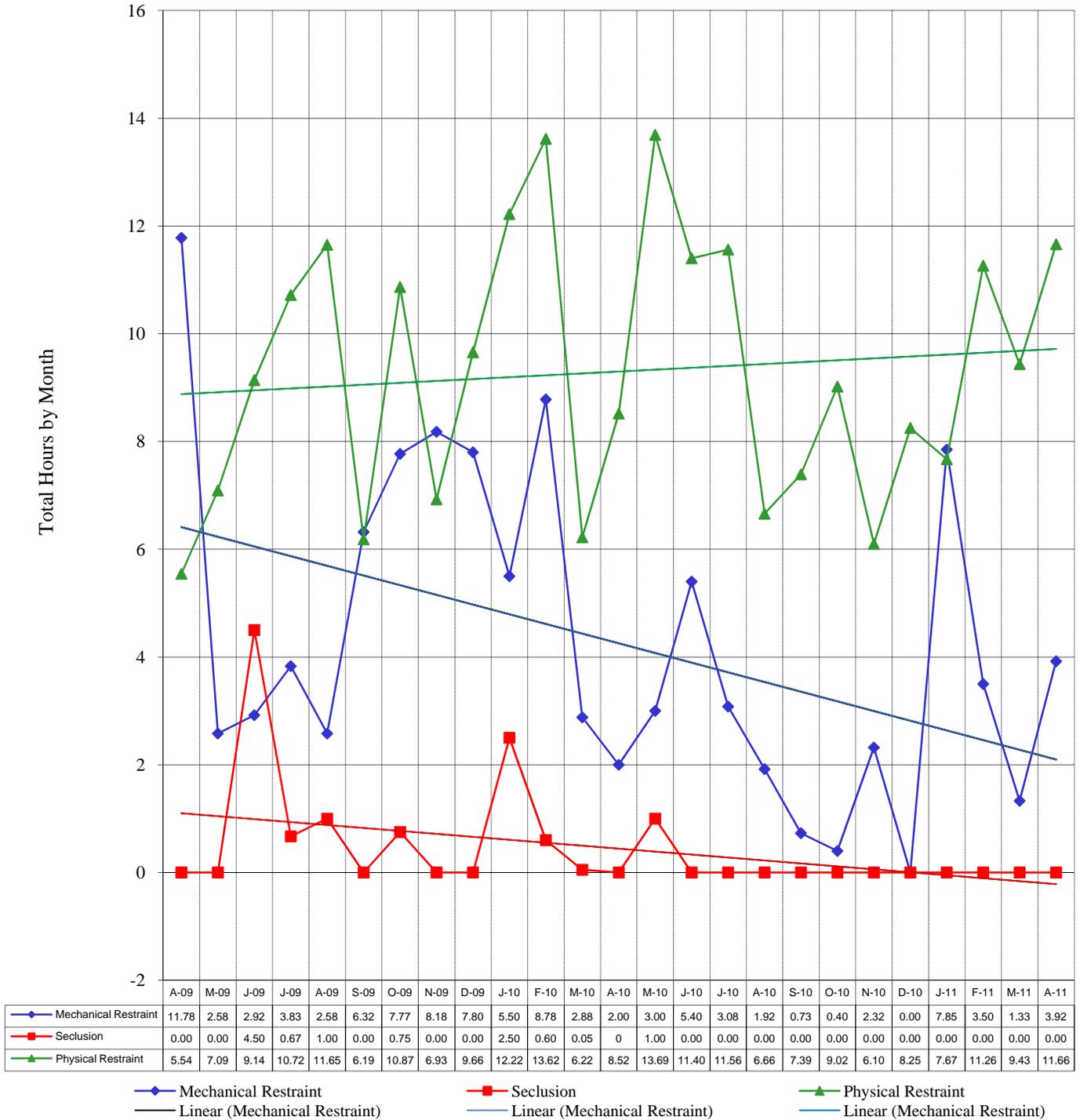
ABV	Total	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
CLA	10.66	1.06	1.19	0.85	0.31	0.29	0.18	0.62	1.44	0.36	0.19	1.25	2.92
DAN	20.58	0.95	1.15	0.26	0.52	2.17	1.92	0.94	2.35	1.56	2.06	4.96	1.73
NOR	7.47	0.71	1.13	0.67	0.86	0.38	0.59	0.85	0.48	0.45	0.62	0.45	0.28
TOR	55.42	6.01	6.37	8.48	2.38	3.38	4.09	2.02	2.25	2.02	5.93	8.16	4.33
WAR	6.37	0.17	0.35	0.13	0.38	0.75	0.00	1.85	2.25	0.03	0.18	0.17	0.10
WER	21.18	4.85	1.02	1.14	2.26	0.42	1.91	0.71	0.30	2.92	2.25	1.13	2.30

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

ABV	Total	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11
CLA	123	12	16	10	9	7	7	11	10	6	3	11	21
DAN	165	14	10	5	7	14	18	16	17	10	11	19	24
NOR	192	12	25	20	19	9	14	18	20	19	12	15	9
TOR	300	27	40	42	16	20	18	14	15	18	26	38	26
WAR	34	3	4	2	2	3	0	8	4	2	2	2	2
WER	172	23	15	9	24	14	18	15	7	11	7	13	16

24-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 two years. 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.



*Chart

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
Jun-10	150	95	119	89	84	166	703	33	17	50	3	756
Oct-10	151	93	129	94	93	160	720	28	22	50	3	773
Jan-11	145	100	122	89	96	134	686	35	21	56	3	745
Apr-11	151	102	122	92	96	137	700	30	27	57	3	760

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
Jul-10	15	37	12	51	43	54	212	7	8	15	0	227
Oct-10	24	31	14	48	48	50	215	7	7	14	0	229
Jan-11	4	42	22	49	43	48	208	5	5	10	0	218
Apr-11	12	47	24	60	49	47	239	10	5	15	0	254

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
Jul-10	58	56	115	47	43	96	415	20	26	46	0	461
Oct-10	54	58	120	44	39	105	420	28	23	51	0	471
Jan-11	53	56	109	46	36	112	412	28	16	44	0	456
Apr-11	58	60	112	53	44	115	442	24	23	47	0	489

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									
NOR	01C1	32	TOR	022	7	TOR	014	4	NOR	01A1	2
DAN	310	18	NOR	09AF	6	WER	35-2	4	WER	34-2	2
TOR	013	14	SMO	5A	6	NOR	10A1	4	TOR	FC2	2
NOR	10C1	13	DAN	312	6	SMO	6B	4	TOR	FB4	2
TOR	023	11	DAN	212	6	SMO	3B	4	WER	37-3	2
NOR	51C1	10	NOR	51C2	6	NOR	51B1	4	WER	34-4	2
NOR	51B2	10	SMO	3A	6	WER	37-1	3	WER	35-4	1
WAR	3IM	10	NOR	09AR	6	WAR	3SW	3	TOR	021	1
CLA	7	10	WER	37-2	6	CLA	4	2			
WER	34-3	8	WAR	2NM	5	CLA	3	2			
NOR	51A2	8	WAR	3NM	5	WER	35-3	2			
DAN	210	8	CLA	2	4	DAN	311	2			

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.	SRTP
Apr-10	1.36	0.59	2.07	2.03	0.83	1.08	1.49	2.04	1.25	2.07	0.00
May-10	1.02	1.13	2.32	2.29	1.22	1.76	1.63	1.23	0.00	0.75	0.00
Jun-10	0.91	1.16	2.53	1.23	1.02	1.04	1.32	2.02	0.56	1.53	0.00
Jul-10	1.60	0.37	2.32	2.14	0.98	0.99	1.46	3.94	1.00	2.78	0.00
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

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

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
DAN	312	10	WER	34-4	3	NOR	51C2	1
NOR	01A1	6	WER	35-2	3	SMO	3B	1
DAN	311	6	DAN	310	3	TOR	011	1
TOR	022	5	NOR	10C1	2	TOR	012	1
WER	35-3	5	CLA	7	2	TOR	062	1
NOR	51A1	4	CLA	3	2	WAR	3SW	1
WER	34-2	4	WER	35-4	2	WER	34-3	1
NOR	51B1	3	NOR	10A1	2	WER	37-1	1
NOR	01C1	3	SMO	6B	1	SMO	3A	1
WER	37-2	3	DAN	212	1			
TOR	FB4	3	CLA	6	1			
WAR	3IM	3	NOR	51A2	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
Apr-10	0.76	0.40	0.30	0.68	0.00	0.62	0.62	0.51	0.62	0.48	1.23
May-10	0.00	0.94	0.00	0.00	0.00	1.09	0.40	0.00	1.67	0.45	3.57
Jun-10	0.15	0.19	1.19	0.35	0.00	2.35	0.79	0.51	1.11	0.61	1.19
Jul-10	0.44	0.37	0.73	0.16	1.18	0.99	0.61	0.25	0.00	0.15	1.15
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