



State Hospital Risk Management Summary Report For June 2011

Prepared by: John Deegan, M.S.
William Steinmetz
Contributors:
SMH Chief Improvement Executives & PI Staff
Valerie Minnich, RPh.

E-mail: jdeegan@state.pa.us
PA DPW, Bureau of Community & Hospital Operations
July 27, 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> .)

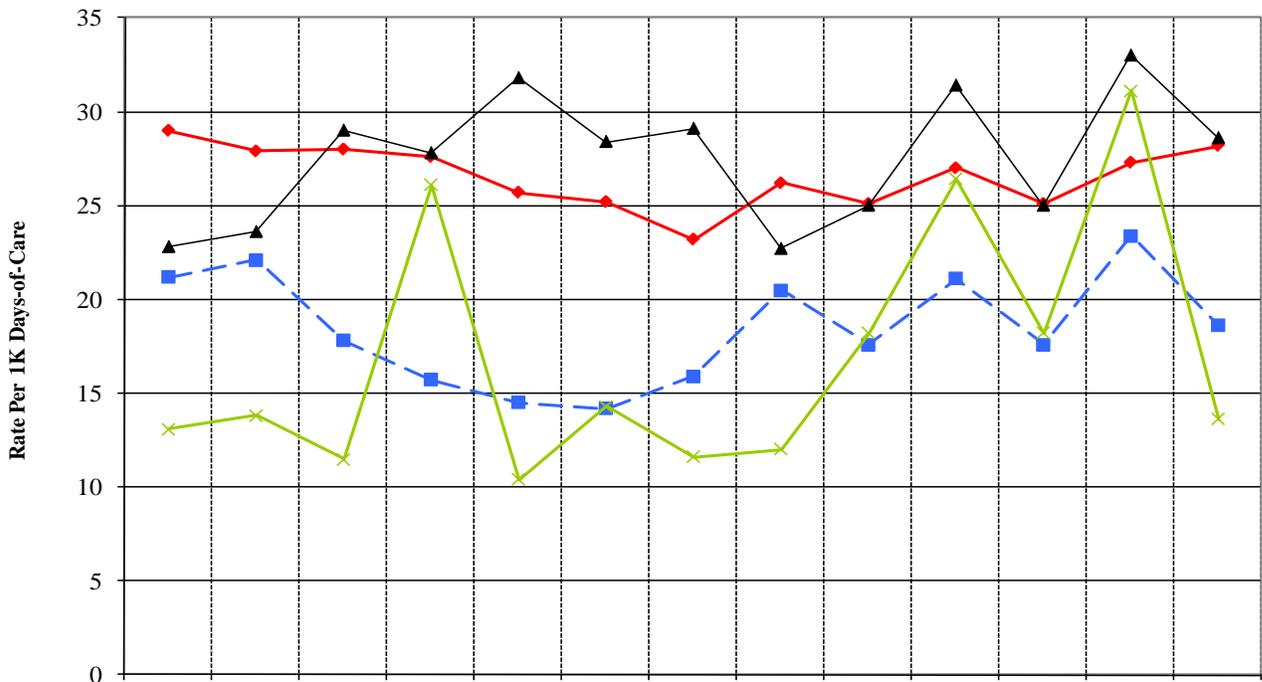
<i>Table of Contents</i>		
<i>Indicator/Measure</i>	<i>Table</i>	<i>Page</i>
<i>Census and Rates of Incidents</i>	1	3
<i>Thirteen-Month Trend of Incidents</i>		3
<i>Six-Month Summary of Selected Events</i>		4
<i>Category or Cause of Incidents: Civil</i>	2	5
<i>Primary Effect of Incidents: Civil</i>	3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

During **June** a total of 1609 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 6/30/11	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	219	6582	116	17.6
Danville	165	5089	119	23.4
Norristown	215	6507	251	38.6
Torrance	206	6027	195	32.4
Warren	166	4977	85	17.1
Wernersville	265	8068	285	35.3
Total Civil	1236	37250	1051	28.2
Forensic				
Norristown	130	3853	72	18.7
Torrance	82	2436	45	18.5
Total Forensic	212	6289	117	18.6
Act 21				
Act 21	27	810	11	13.6
Total Act 21	27	810	11	13.6
Long Term Care				
South Mountain	134	3990	114	28.6
Total L. T. C.	134	3990	114	28.6
Total	1609	48339	1293	26.7

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



	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
—◆— Civil	29	27.9	28	27.6	25.7	25.2	23.2	26.2	25.1	27.0	25.1	27.3	28.2
- - -■- - Forensic	21.2	22.1	17.8	15.7	14.5	14.2	15.9	20.5	17.6	21.1	17.6	23.4	18.6
—▲— Long Term Care	22.8	23.6	29	27.8	31.8	28.4	29.1	22.7	25.0	31.4	25.0	33.0	28.6
—×— Act 21	13.1	13.8	11.5	26.1	10.4	14.3	11.6	12.0	18.2	26.4	18.2	31.1	13.6

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	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
Accident-Injury	248	37	44	47	36	37	47
Adverse Drug Reaction	30	7	2	7	4	6	4
Aggression	961	133	126	201	180	165	156
Aggression Type 2/Early Medication Order	1			1			
Airway Obstruction type 1 Intervention	19	5	1	2	4	4	3
Airway Obstruction type 2 No Intervention	14	3	4	2	2	2	1
Alcohol Use/Possession/Suspected or Confirmed	2	1				1	
Alleged Nonconsensual Sexual Activity	14	2	4	1	4	2	1
Alleged Pt. Abuse	52	8	11	17	6	7	3
Assault, Pt./Pt	1803	321	227	314	274	356	311
Assault, Pt./Staff	526	78	78	100	87	92	91
AWOL/UA	83	4	18	12	13	21	15
AWOL-Attempt	35	6	6	8	1	6	8
AWOL-Late	59	2	7	12	13	14	11
Change in Medical Status-Stabilized	97	17	14	12	15	21	18
Change in Medical Status-Transferred	406	72	64	69	65	60	76
Charged post admit/crime committed prior to admit	5	1	1	1	1	1	
Charged with alleged crime on hospital grounds	11	3		3	1	2	2
Communications Sys. Misuse	22	3	5	2	1	4	7
Community Incident	41	8	5	4	6	5	13
Contraband Possession	105	27	7	16	19	21	15
Fall Type 1-Injury with treatment	421	69	59	75	83	68	67
Fall Type 2-No treatment needed	648	122	86	109	107	104	120
Family Concern	30	7	3	3	6	4	7
Fire Setting	0						
Illicit Substance Use/Possession	5		3		1	1	
Medication Error	201	35	38	32	30	26	40
Missing Property	77	13	10	17	13	12	12
Other	488	77	83	73	96	79	80
Procedural Treatment Error	39	5	5	5	8	9	7
Property Damage	78	14	12	12	15	9	16
Seizure	37	6	6	7	6	5	7
Self-Injurious behavior	645	107	101	98	104	127	108
Sexual Behavior	131	30	31	18	11	24	17
Smoking Violation	114	18	16	14	25	19	22
Substantiated Nonconsensual Sexual Activity	2		2				
Substantiated Patient Abuse	10	3	1	1	2		3
Suicide Attempt	14	4	1		1	6	2
Suicide threat/plan	64	9	11	15	13	9	7
Theft	60	8	5	11	10	15	11
Unknown	10		1	4	1	4	
Unsubstantiated Nonconsensual Sexual Activity	8	2		6			
Unsubstantiated Patient Abuse	16	6	3	2	4		1

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	3	4	5	9	7	1	29
Adverse Drug Reaction	1			1			2
Aggression	7	7	29	35	13	28	119
Airway Obstruction type 1 Intervention	1		1			1	3
Airway Obstruction type 2 No Intervention					1		1
Alleged Nonconsensual Sexual Activity			1				1
Alleged Pt. Abuse					1	2	3
Assault, Pt./Pt	29	28	89	43	10	31	230
Assault, Pt./Staff	9	14	16	1	4	27	71
AWOL/UA			1	3	1	10	15
AWOL-Attempt		2	2	2		2	8
AWOL-Late		2	1	2	5		10
Change in Medical Status-Stabilized	2		10	2			14
Change in Medical Status-Transferred	7	2	16	11	1	22	59
Charged with alleged crime on hospital grounds		2					2
Communications Sys. Misuse	1	2	1	1		1	6
Community Incident	1	2	10				13
Contraband Possession	3	3	4		2	2	14
Fall Type 1-Injury with treatment	12	8	7	2	7	19	55
Fall Type 2-No treatment needed	16	6	7	19	8	39	95
Family Concern		2		1	1	2	6
Indeterminate/Unconfirmed Cause of Injury	7	4	4	3		6	24
Medication Error	3	4	10	1	1	4	23
Missing Property	2	1		3	3	3	12
Other	7	4	5	19	7	20	62
Procedural Treatment Error	2	2	2				6
Property Damage		4	4	1	2	2	13
Seizure	2			1		4	7
Self-Injurious behavior	1	14	11	15	4	47	92
Sexual Behavior		1	1	5	5	4	16
Smoking Violation			7	14			21
Substantiated Patient Abuse						2	2
Suicide Attempt			1				1
Suicide threat/plan			1	1		2	4
Theft			5		2	4	11
Unsubstantiated Patient Abuse		1					1
Totals	116	119	251	195	85	285	1051

Table 3 - Primary Effect of Incidents in the Civil Hospitals

Primary effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	11	14	20	8	13	32	98
Allergic reaction				1			1
Bite-Insect	1						1
Blister	1	1	1	1		1	5
Body System Illness	3		2	5		2	12
Bruise/contusion/discoloration	11	8	7	4	1	11	42
Burn/Scald			1		1	1	3
Cellulitis			2			1	3
Damaged or lost tooth				1			1
Edema/swelling	1	5	3	5	1	4	19
Emesis			3	1			4
Epistaxis	3			1		1	5
Erythema/redness	2		2	8	1	6	19
Fever	1					2	3
Fracture		1	2	1			4
Ingestion of foreign body				2		8	10
Laceration: NO sutures/staples/steri-strips	3	1	1			4	9
Laceration: with steristrips/glue	2	1	1				4
Laceration: with sutures/staples	2			3			5
Lethargy			1	1		2	4
Muscle pull/strain/sprain	1						1
No Injury/NA	68	83	180	133	67	168	699
Other	2	1	10	10	1	11	35
Pain, Specified	1	3	12	6		22	44
Respiratory Distress	2		2	2		5	11
Seizure	1			1		3	5
Skin Irritation/Rash				1			1
Sunburn		1				1	2
Unconscious/Unresponsive			1				1
Totals	116	119	251	195	85	285	1051

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
Adverse Drug Reaction	1					1					2
Aggression	1	2	4		2	8		3		2	22
Assault, Pt./Pt	12	4	10			6		8		7	47
Assault, Pt./Staff	1		2		1	1		1		1	7
Change in Medical Status-Stabilized	1										1
Change in Medical Status-Transferred	4	1				2	3	1	1		12
Communications Sys. Misuse			1								1
Contraband Possession								1			1
Fall Type 1-Injury with treatment			1					1			2
Fall Type 2-No treatment needed		1		1				1			3
Indeterminate/Unconfirmed Cause of Injury	1								1		2
Other			1			1				1	3
Self-Injurious behavior					1			6		1	8
Sexual Behavior									1		1
Suicide Attempt									1		1
Suicide threat/plan									3		3
Totals	21	8	19	1	4	19	3	22	7	13	117

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

EFFECT	51A1	51A2	51B1	51C1	51C2	51B2	FB3	FB4	FC1	FC2	Count
								1			1
Abrasion/scrape/scratch/hematoma	3			1	1			3		1	9
Bite-Human								2			2
Body System Illness	1	1					2				4
Bruise/contusion/discoloration	1		1			1			1		4
Damaged or lost tooth			1								1
Death					1						1
Edema/swelling										1	1
Emesis	1							2			3
Ingestion of foreign body								1			1
Laceration: NO sutures/staples/steri-strips		1						1			2
Laceration: with steristrips/glue										1	1
Lethargy					1						1
No Injury/NA	8	6	15	3	13			12	5	8	70
Other									1	1	2
Pain, Specified	5		2		2		1			1	11
Respiratory Distress	1										1
Syncopal episode					1						1
Unconscious/Unresponsive	1										1
Totals	21	8	19	4	19	1	3	22	7	13	117

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	3	6	2	1		12
Aggression		4	4		1	9
Assault, Pt./Pt	3	11	6			20
Assault, Pt./Staff		4	1			5
Change in Medical Status-Stabilized	1	2				3
Change in Medical Status-Transferred	1		1	1	2	5
Fall Type 1-Injury with treatment		4	1		1	6
Fall Type 2-No treatment needed	3	3	4		2	12
Family Concern		1				1
Medication Error	1	4	2	7	2	16
Other	2	4		4	3	13
Procedural Treatment Error				1		1
Property Damage	1	2				3
Self-Injurious behavior		2	1	3		6
Smoking Violation			1			1
Substantiated Patient Abuse				1		1
Totals	15	47	23	18	11	114

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma		6	1	5	1	13
Body System Illness	1					1
Bruise/contusion/discoloration	1	7	2	1	3	14
Cellulitis		1				1
Edema/swelling		1		1		2
Epistaxis		2				2
Laceration: with steristrips/glue	1					1
Laceration: with sutures/staples	1					1
Lethargy					1	1
No Injury/NA	10	29	19	10	5	73
Other				1		1
Pain, Specified	1	1	1			3
Unconscious/Unresponsive					1	1
Totals	15	47	23	18	11	114

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	4	4
Assault, Pt./Pt	2	2
Assault, Pt./Staff	1	1
Fall Type 2-No treatment needed	2	2
Other	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
Bruise/contusion/discoloration	2	2
Muscle pull/strain/sprain	1	1
No Injury/NA	4	4
Pain, Specified	3	3
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
Sep-10	Total Users	138	80	156	116	91	150	731	21	752
	% of Census	63%	45%	69%	57%	54%	57%	56%	16%	52%
Dec-10	Total Users	139	78	142	108	76	148	691	17	708
	% of 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%

Table 11 - Diabetes

Jun-11	Civil Hospitals							Forensic Centers			A21	LTC	Sys
	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Patient Census	219	165	215	206	166	265	1236	130	82	212	27	134	1609
Count	33	27	56	41	30	58	245	9	8	17	0	42	304
% w/ Diabetes	15%	16%	26%	20%	18%	22%	20%	7%	10%	8%	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. Table 12 provides detail on the reasons for an acute care hospitalization during this report period.

Cause	CLA	DAN	NOR	SMO	TOR	WAR	WER	Count
Accident-Injury					1			1
Adverse Drug Reaction			1					1
Assault, Pt./Pt			1		1			2
Change in Medical Status-Transferred	6	2	23	4	16		20	71
Fall Type 1-Injury with treatment			1		1		1	3
Other					2		2	4
Seizure	1				1		1	3
Self-Injurious behavior					1		7	8
Sexual Behavior						1		1
Totals	7	2	26	4	23	1	31	94

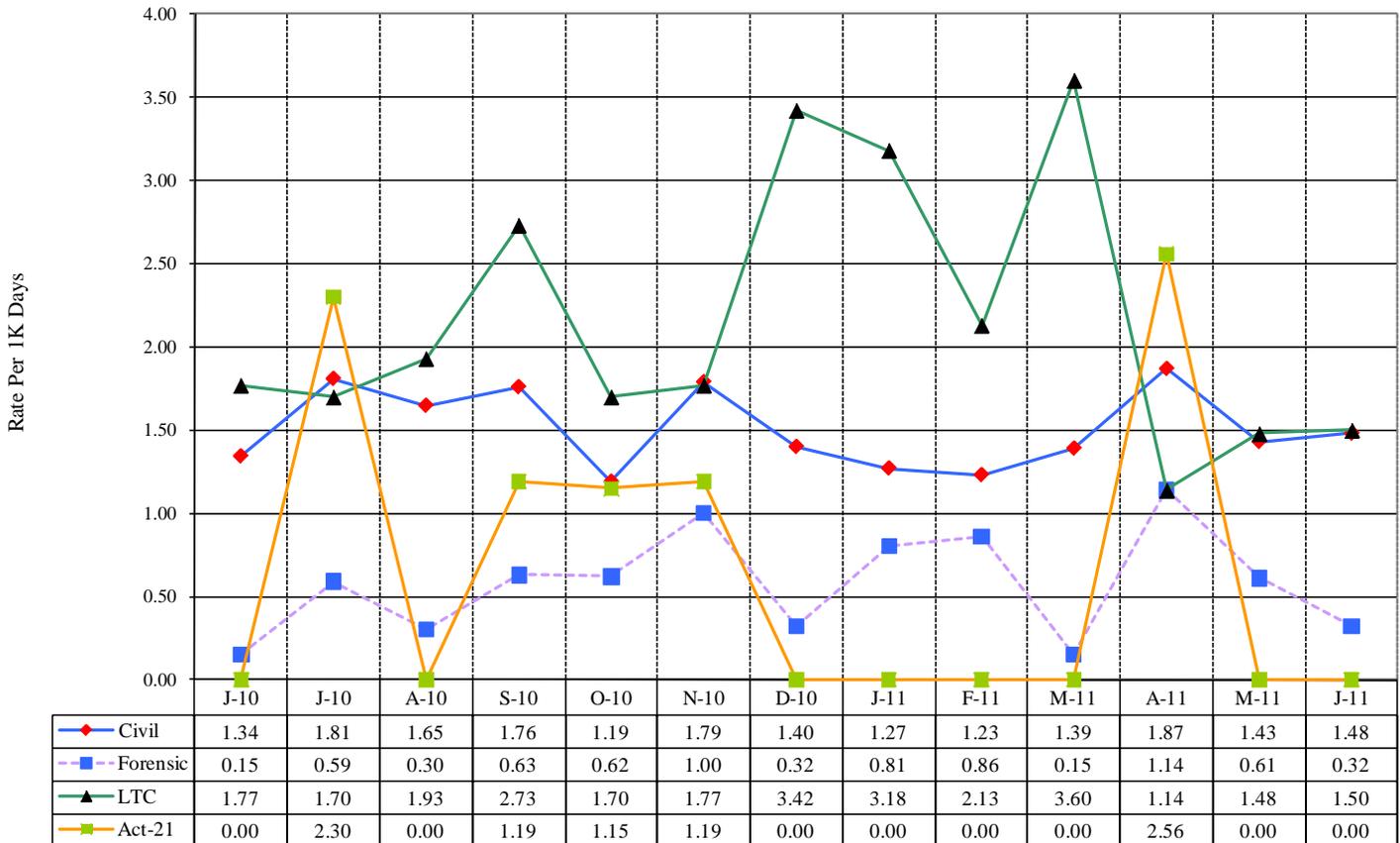
Falls

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	
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	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

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	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
WAR	1.00												1.00

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

ABV	Total	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
WAR	1	0	0	0	0	0	0	0	0	0	0	0	1

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	1.77
CLA	2	1.33
WER	35-4	1.00
WER	37-1	0.75
NOR	01C1	0.42

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

ABV	Total	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
CLA	1.58	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
NOR	8.78	1.75	0.92	0.48	0.00	2.22	0.00	0.42	1.00	0.83	0.75	0.00	0.42
WAR	0.78	0.58	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WER	22.25	0.75	1.00	0.00	0.40	0.00	0.00	8.43	2.50	1.50	3.17	0.98	3.52

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

ABV	Total	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
CLA	2	0	0	1	0	0	0	0	0	0	0	0	1
NOR	11	1	1	1	0	3	0	1	1	1	1	0	1
WAR	3	2	0	0	0	1	0	0	0	0	0	0	0
WER	23	1	1	0	1	0	0	8	2	2	4	1	3

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	1.45	TOR	014	0.17
WER	35-3	1.43	CLA	7	0.15
DAN	212	1.15	TOR	024	0.10
WER	35-4	0.61	NOR	01A1	0.06
WAR	3SW	0.60	WER	37-3	0.05
WER	37-1	0.44	NOR	51C2	0.05
CLA	3	0.34	NOR	09CF	0.05
TOR	FB4	0.33	WER	34-3	0.05
DAN	312	0.29	NOR	51B1	0.03
WER	34-4	0.28	WER	34-2	0.03
TOR	013	0.25	WAR	IBE	0.03
CLA	6	0.22	NOR	10C1	0.02
NOR	01C1	0.20	NOR	10A1	0.02
TOR	011	0.18	WER	35-2	0.02
CLA	2	0.17			

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

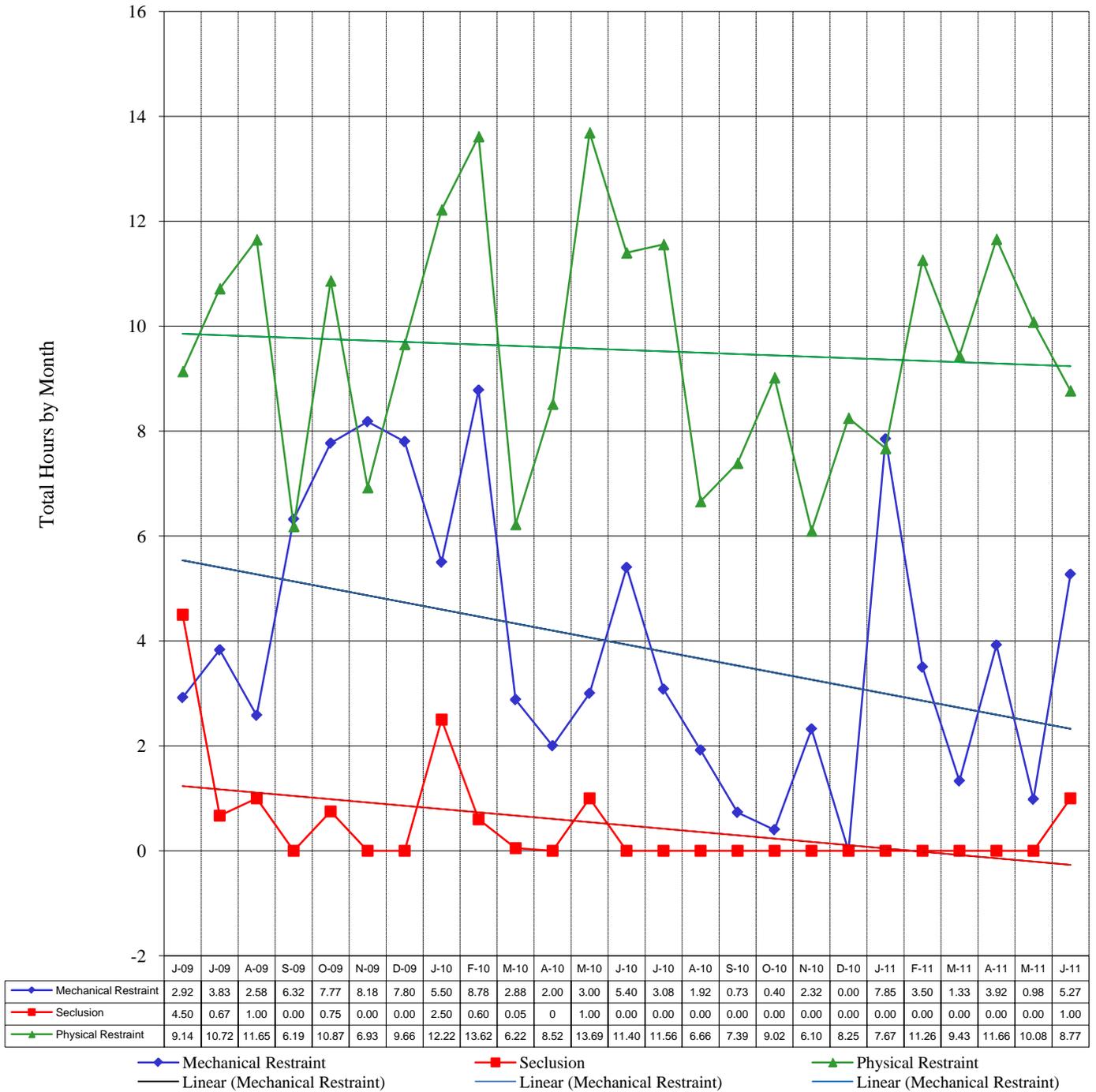
ABV	Total	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
CLA	10.33	0.85	0.31	0.29	0.18	0.62	1.44	0.36	0.19	1.25	2.92	1.05	0.88
DAN	20.31	0.26	0.52	2.17	1.92	0.94	2.35	1.56	2.06	4.96	1.73	0.39	1.44
NOR	6.48	0.67	0.86	0.38	0.59	0.85	0.48	0.45	0.62	0.45	0.28	0.41	0.43
TOR	50.83	8.48	2.38	3.38	4.09	2.02	2.25	2.02	5.93	8.16	4.33	5.30	2.48
WAR	7.43	0.13	0.38	0.75	0.00	1.85	2.25	0.03	0.18	0.17	0.10	0.95	0.63
WER	20.21	1.14	2.26	0.42	1.91	0.71	0.30	2.92	2.25	1.13	2.30	1.98	2.91

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

ABV	Total	Jul_10	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11
CLA	122	10	9	7	7	11	10	6	3	11	21	14	13
DAN	159	5	7	14	18	16	17	10	11	19	24	6	12
NOR	192	20	19	9	14	18	20	19	12	15	9	16	21
TOR	274	42	16	20	18	14	15	18	26	38	26	22	19
WAR	40	2	2	3	0	8	4	2	2	2	2	8	5
WER	176	9	24	14	18	15	7	11	7	13	16	21	21

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.



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 M/Y								Forensic			SRTP	Sys
	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Sep-10	154	95	124	89	94	161	717	28	22	50	3	770
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

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 M/Y								Forensic			SRTP	Sys
	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Sep-10	20	33	15	45	47	53	213	6	8	14	0	227
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

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 M/Y								Forensic			SRTP	Sys
	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Sep-10	58	55	116	43	41	100	413	27	21	48	0	461
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

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	28	DAN	210	6	WER	37-2	3
NOR	10C1	19	NOR	51C2	6	WER	35-4	3
NOR	10A1	16	TOR	011	6	WER	34-3	3
DAN	310	16	CLA	7	6	WER	34-2	3
TOR	023	14	SMO	5A	6	NOR	09AF	3
NOR	51A1	12	TOR	021	6	SMO	3A	3
NOR	01A1	12	TOR	024	6	TOR	022	3
WAR	IBE	12	NOR	09AR	5	WAR	3IM	2
SMO	3B	11	WER	35-3	5	DAN	211	2
CLA	3	11	WAR	3NM	5	TOR	062	2
NOR	51B1	10	WER	37-3	5	WAR	3SW	2
CLA	4	8	WER	35-2	5	TOR	012	1
TOR	FB4	8	CLA	2	4	WAR	2NM	1
TOR	013	7	WER	37-1	4			
TOR	FC2	7	NOR	51A2	4			
NOR	09CF	6	DAN	212	4			

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
	Cl a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
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
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

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

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
WAR	IBE	7	WAR	3SW	2	NOR	51A1	1
WER	37-1	7	DAN	311	2	CLA	2	1
NOR	01C1	5	DAN	211	2	NOR	51C2	1
DAN	212	5	NOR	51B1	2	SMO	5A	1
WER	34-3	4	WER	34-2	2	TOR	022	1
DAN	312	4	WER	35-2	2	TOR	062	1
WER	35-4	4	WER	35-3	2	TOR	FB4	1
SMO	3B	4	NOR	09AF	2	TOR	FC2	1
WER	34-4	3	DAN	210	1	WAR	3IM	1
CLA	6	3	CLA	5	1	WAR	3NM	1
NOR	01A1	3	CLA	7	1	WER	37-2	1
NOR	09AR	3	NOR	09CF	1	NOR	51C1	1
CLA	3	3	NOR	10A1	1			
WER	37-3	2	NOR	10C1	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
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
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