



Norristown State Hospital

*Commonwealth of Pennsylvania
Department of Public Welfare
Office of Mental Health & Substance Abuse Services
Bureau of Community & Hospital Operations*

*State Hospital Risk Management Summary Report
For February 2009*

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Internet: <http://www.dpw.state.pa.us/PartnersProviders/MentalHealthSubstanceAbuse/StateHospitals/>

State Hospital Risk Management Summary Report February 2009

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. Page 3 of this summary report provides further detail on the specific kinds of events covered by this system.

Effective October 1, 2008, the data dictionary for specific incident measures were updated and are reflected in this report.

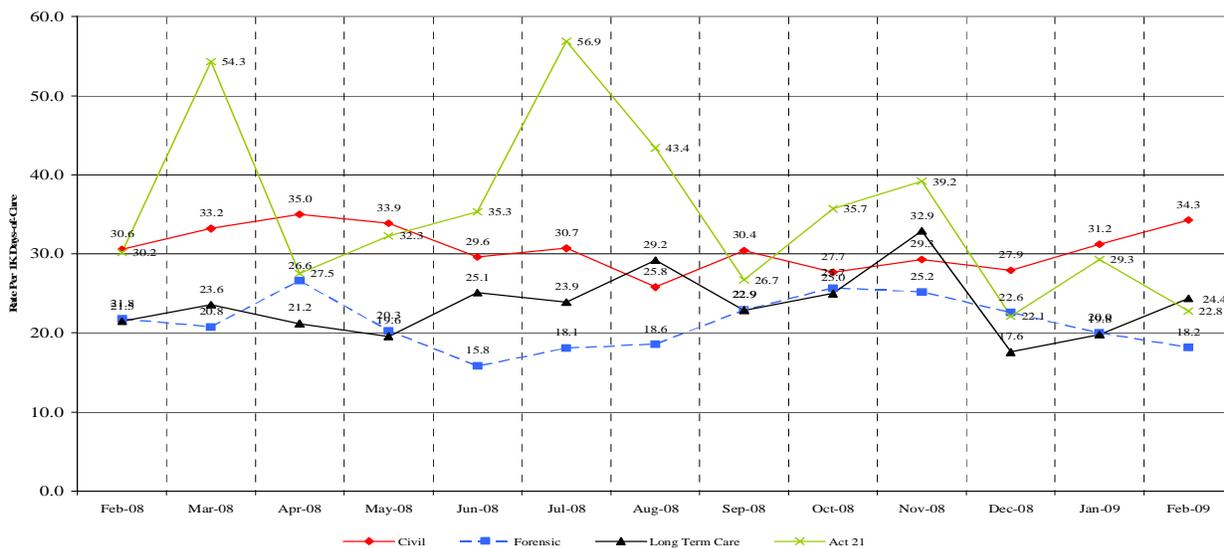
During **February** a total of 1530 incident reports were completed by the state hospital system, which is an decrease of 39 events from the previous month. Additionally, 9 prior month records were added to the database. These records are included in all monthly comparisons (page 3) made in this summary report. The following is a breakdown of incidents by individual facility and type of care:

Table 1

February 2009

Civil	2/28/2009	Days Provided	Incidents	Per 1000 Days-of-Care
Allentown	174	4852	235	48.4
Clarks Summit	220	6096	115	18.9
Danville	158	4430	116	26.2
Norristown	246	6643	328	49.4
Torrance	212	5812	189	32.5
Warren	162	4614	119	25.8
Wernersville	209	5841	213	36.5
Total Civil	1381	38288	1315	34.3
Forensic				
Norristown	128	4027	69	17.1
Torrance	49	1361	31	22.8
Warren	24	671	10	14.9
Total Forensic	201	6059	110	18.2
Act 21				
Act 21	22	615	14	22.8
Total Act 21	22	615	14	22.8
Long Term Care				
South Mountain	133	3724	91	24.4
Total L. T. C.	133	3724	91	24.4
Total	1737	48686	1530	31.4

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



**Summary of Hospital Risk Management Data
Major Categories Only & All Levels of Care
(Civil, Forensic, LTC and Act-21)**

(A + or – next to any counts reflects data or records added, changed or deleted from the system since the last report)

Primary Cause or Effects of High Profile Events	9/08	10/08	11/08	12/08	1/09	2/09
Total number of reported airway obstructions or choking incidents at all facilities (Type 1 & 2):	8	3	5	9	8	3
Total number of AWOL's & UA's all facilities:	34	33	27	37	23	44
Total number of falls (Type 1 & 2) at all facilities:	175	200	159	149	+165	146
Total number of reported falls involving consumers age 65 or older:	31	42	48	-40	38	49
Total number of reported falls involving consumers age 75 or older:	12	8	10	13	10	19
Total number of reported fire setting events:	1	0	0	1	1	0
Total number of reported incidents involving a bone fracture:	4	6	3	2	8	2
Total number of reported deaths for this report period:	2	2	6	-5	4	6
Total number of reported incidents involving a burn or scald:	3	2	3	3	4	6
Total number of reported incidents involving a cut or laceration requiring sutures, steri-strips or glue:	14	18	15	8	16	17
Total number of reported incidents of patient-to-patient assault (see note below):	391	359	394	342	+376	375
Total number of reported incidents of patient-to-staff assaults:	126	100	-100	92	110	133
Total number of reported incidents involving alleged abuse:	15	3	-10	12	16	17
Total percentage for the month of reported incidents involving no physical injury to the Patient:	65%	63%	67%	67%	68%	69%
Total incidents of physical restraint used for the month:	108	90	87	90	105	110
Total hours of physical restraint used for the month:	10.201	7.480	8.683	9.922	11.111	10.397
Incidents of mechanical restraint use for the month:	8	5	11	3	11	16
Total hours of mechanical restraint used for the month:	5.51	4.17	12.70	4.33	7.43	14.27
Total reported incidents involving the use of seclusion:	2	1	0	1	1	4
Total hours of seclusion used for the month:	1.42	1.00	0	1.00	.08	6.00
Total number of reported incidents coded as alleged sexual assault:	9	5	-4	4	0	6
Total number of reported incidents of attempted suicide:	1	0	2	4	6	2
Total number of reported incidents involving the threat or plan of suicide:	7	8	11	7	23	8
Total number of reported incidents of illicit drug use/possession:	1	2	1	2	4	2
Total number of medication errors:	43	59	69	46	43	4
Total number of STAT medications administered for psychiatric indications:	1153	1045	979	1042	1077	1123

***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.

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**
February 2009

Primary Cat #	ALL	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	2	1	1	12	1	3	6	26
Adverse Drug Reaction		5					1	6
Aggression	14	9	8	31	10	11	47	130
Airway Obstruction type 1 Intervention	2							2
Airway Obstruction type 2 No Intervention	1							1
Alleged Nonconsensual Sexual Activity	3			1				4
Alleged Pt. Abuse	7			6		1		14
Assault, Pt./Pt	34	23	30	113	58	28	48	334
Assault, Pt./Staff	17	6	22	24	11	17	18	115
Assault: Patient/Other							1	1
AWOL/UA	8	1		5	2	2	5	23
AWOL-Attempt			3	1	2	3		9
AWOL-Late	3	1	1	1	3	1	1	11
Change in Medical Status-Stabilized	2			2	2			6
Change in Medical Status-Transferred	13	5		12	10	3	9	52
Charged post admit/crime committed prior to admit						2		2
Charged with alleged crime on hospital grounds			1			1	3	5
Communications Sys. Misuse		2	1		1		1	5
Community Incident		1	5	1	2			9
Contraband Possession	7		4	5	2	7	3	28
Fall Type 1-Injury with treatment	5	10	5	10	8	4	7	49
Fall Type 2-No treatment needed	8	18	10	3	14	8	11	72
Family Concern	2				3			5
Illicit Substance Use/Possession					1		1	2
Indeterminate/Unconfirmed Cause of Injury		6	7	5	4		4	26
Medication Error	6		2	19		4	1	32
Missing Property			2		4		3	9
Other	39	7	3	7	16		13	85
Procedural Treatment Error	4		1					5
Property Damage	2	2	2	7	3	1	5	22
Seizure	1	2	1	3		3	3	13
Self-Injurious behavior	28	14	4	27	18	16	12	119
Sexual Behavior	3	2	1	8	1		3	18
Smoking Violation	21			19	9	1		50
Substantiated Patient Abuse							2	2
Sudden Acute Illness						1	1	2
Suicide Attempt	1							1
Suicide threat/plan	1			2		2	1	6
Theft			2	4	2			8
Unknown	1							1
Unsubstantiated Nonconsensual Sexual Activity					2		2	4
Unsubstantiated Patient Abuse							1	1
Totals	235	115	116	328	189	119	213	1315

Table 3

**Primary Effect of Incidents in the Civil Hospitals
February 2009**

Primary effect	ALL	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	7	24	14	22	15	9	12	103
Bite-Human	1			2				3
Body System Illness		7		6	2	2	3	20
Bruise/contusion/discoloration	1	8	4	18	8	1	7	47
Burn/Scald		1	1	1	1		2	6
Cellulitis	1							1
Constipation					1			1
Death		1			1			2
Dislocation		1						1
Edema/swelling	3	1	2	5	4	1	2	18
Emesis	4			3				7
Epistaxis				1				1
Erythema/redness	4		2	2	4		3	15
Fever	1	1		1	1	1		5
Fracture							1	1
Ingestion of foreign body	8	2		8			7	25
Laceration: NO sutures/staples/steri-strips	12	3	4	8	2	4	1	34
Laceration: with steristrips/glue	1				1	1		3
Laceration: with sutures/staples	1		1	3	3	2		10
Lethargy		2		3				5
No Injury/NA	172	59	82	233	129	90	160	925
Other	1		2	1	8	4	4	20
Pain unspecified					1			1
Pain, Specified	11	4	2	8	4	2	9	40
Respiratory Distress	4				4		1	9
Seizure	2			2		2		6
Skin Irritation/Rash		1					1	2
Unconscious/Unresponsive	1		2	1				4
Totals	235	115	116	328	189	119	213	1315

Cause and Effect of Incidents in the Forensic Units

Table 4 **Category or Cause of Incidents in the Forensic Service by Unit**

Primary Cat #	51A1	51A2	51B1	51B2	51C1	51C2	FOR	FB4	FC1	FC2	Count
Aggression		7	1	4	3	2	2	1	2	2	24
Alleged Nonconsensual Sexual Activity								2			2
Alleged Pt. Abuse		2			1						3
Assault, Pt./Pt	1	2	2		4	6	4	2	4	4	29
Assault, Pt./Staff	2	2	1	6				3	1	1	16
AWOL-Attempt										1	1
Change in Medical Status-Stabilized					1				1		2
Change in Medical Status-Transferred	1			3	1				1		6
Community Incident				1							1
Contraband Possession								1			1
Fall Type 1-Injury with treatment						1	2				3
Fall Type 2-No treatment needed						1	1	1			3
Indeterminate/Unconfirmed Cause of Injury					1						1
Medication Error					1		1				2
Other	2	1			1			1	1		6
Property Damage						1					1
Self-Injurious behavior	2	1			1			1			5
Sexual Behavior	1										1
Suicide Attempt									1		1
Suicide threat/plan		1									1
Theft						1					1
Totals	9	16	4	14	14	12	10	12	11	8	110

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

EFFECT	51A1	51A2	51B1	51B2	51C1	51C2	FOR	FB4	FC1	FC2	Count
Abrasion/scrape/scratch/hematoma	2	2	1		3	1	1	2			12
Body System Illness	1			2					1		4
Bruise/contusion/discoloration								1			1
Edema/swelling								1			1
Emesis					1						1
Epistaxis					1						1
Erythema/redness						1				1	2
Fever				1							1
Laceration: NO sutures/staples/steri-strips		1			2		1				4
Laceration: with sutures/staples									1		1
Lethargy						1					1
No Injury/NA	4	12	3	11	6	8	8	8	8	6	74
Other						1			1		2
Pain, Specified	2	1			1					1	5
Totals	9	16	4	14	14	12	10	12	11	8	110

**Cause and Effect of Incidents in the Long Term Care Facility
February 2009**

Table 6

Cause of Incidents in the Long Term Care Facility

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	1	5	2	13	3	24
Aggression		1	1			2
Assault, Pt./Pt		8	2			10
Assault, Pt./Staff		1				1
Change in Medical Status-Transferred		1			3	4
Fall Type 1-Injury with treatment	1	3		1	1	6
Fall Type 2-No treatment needed	4	3	3	1	1	12
Family Concern			1			1
Medication Error	1	3	5		2	11
Other	2	1	8	2	1	14
Procedural Treatment Error					1	1
Property Damage			1			1
Self-Injurious behavior				2		2
Smoking Violation			1			1
Unsubstantiated Patient Abuse					1	1
Totals	9	26	24	19	13	91

Table 7

Effect of Incidents in the Long Term Care Facility

EFFECT	3A	3B	5A	6A	6B	Count
Not Reported					1	1
Abrasion/scrape/scratch/hematoma	2	3	3	10	2	20
Bruise/contusion/discoloration	1	4	3	5	1	14
Death			1	2	1	4
Fracture					1	1
Laceration: with steristrips/glue		2				2
Laceration: with sutures/staples		1				1
No Injury/NA	6	15	17	1	4	43
Other				1		1
Pain, Specified					1	1
Respiratory Distress					2	2
Unconscious/Unresponsive		1				1
Totals	9	26	24	19	13	91

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	1	1
Aggression	4	4
Assault, Pt./Pt	2	2
Assault, Pt./Staff	1	1
Fall Type 1-Injury with treatment	1	1
Other	3	3
Self-Injurious behavior	1	1
Suicide threat/plan	1	1
Totals	14	14

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

Primary effect	TOR	Count
Blister	1	1
Bruise/contusion/discoloration	1	1
Edema/swelling	1	1
Erythema/redness	1	1
No Injury/NA	10	10
Totals	14	14

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).

Civil and LTC

Table 10 Tobacco Users on Last Day of Month

Date		ALL	CLA	DAN	NOR	TOR	WAR	WER	Civil Total	LTC	System Total
May-08	Total Users	114	141	68	181	125	97	93	924	7	931
	% of Census	67%	64%	43%	68%	58%	56%	44%	59%	5%	56%
Aug-08	Total Users	112	131	76	178	99	89	119	874	7	881
	% of Census	65%	59%	47%	70%	49%	52%	57%	58%	5%	54%
Nov-08	Total Users	107	134	87	178	125	92	125	870	10	880
	% Census	62%	58%	53%	71%	56%	55%	60%	60%	8%	55%
Feb-09	Total Users	104	130	82	170	117	92	120	815	10	825
	% of Census	60%	59%	52%	70%	55%	57%	57%	59%	8%	55%

Note: Smoking is not permitted in the Forensic Centers.

Table 11 Diabetes

M/Year	Civil Hospitals								Forensic Centers				A21	LTC	Sys
	All	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	War	Total	A21	SMRC	
Feb09 Patient Census	174	220	158	246	212	162	209	1381	128	49	24	201	22	133	1737
Feb09 Count	46	40	34	56	44	37	41	298	8	6	2	16	0	38	352
% w/ Diabetes	26%	18%	22%	23%	21%	23%	20%	22%	6%	12%	8%	8%	0%	29%	20%

Hospitalizations as a Result of an Incident

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.

Table 12 Reasons for Hospitalizations as the Result of an Incident, All Levels of Care February 2009

Cause	ALL	CLA	DAN	NOR	SMO	TOR	WAR	WER	Count
Airway Obstruction type 1 Intervention	1								1
Assault, Pt./Pt			1	4			1		6
AWOL/UA						1			1
AWOL-Attempt							1		1
Change in Medical Status-Transferred	13	5		17	2	10	2	9	58
Community Incident						1			1
Fall Type 1-Injury with treatment		1	1	1	1		1	1	6
Fall Type 2-No treatment needed				2				2	4
Indeterminate/Unconfirmed Cause of Injury				2		1			3
Other				1		1			2
Property Damage				1					1
Seizure		1		3			2		6
Self-Injurious behavior	7			5				2	14
Sudden Acute Illness							1	1	2
Unknown	1								1
Totals	22	7	2	36	3	14	8	15	107

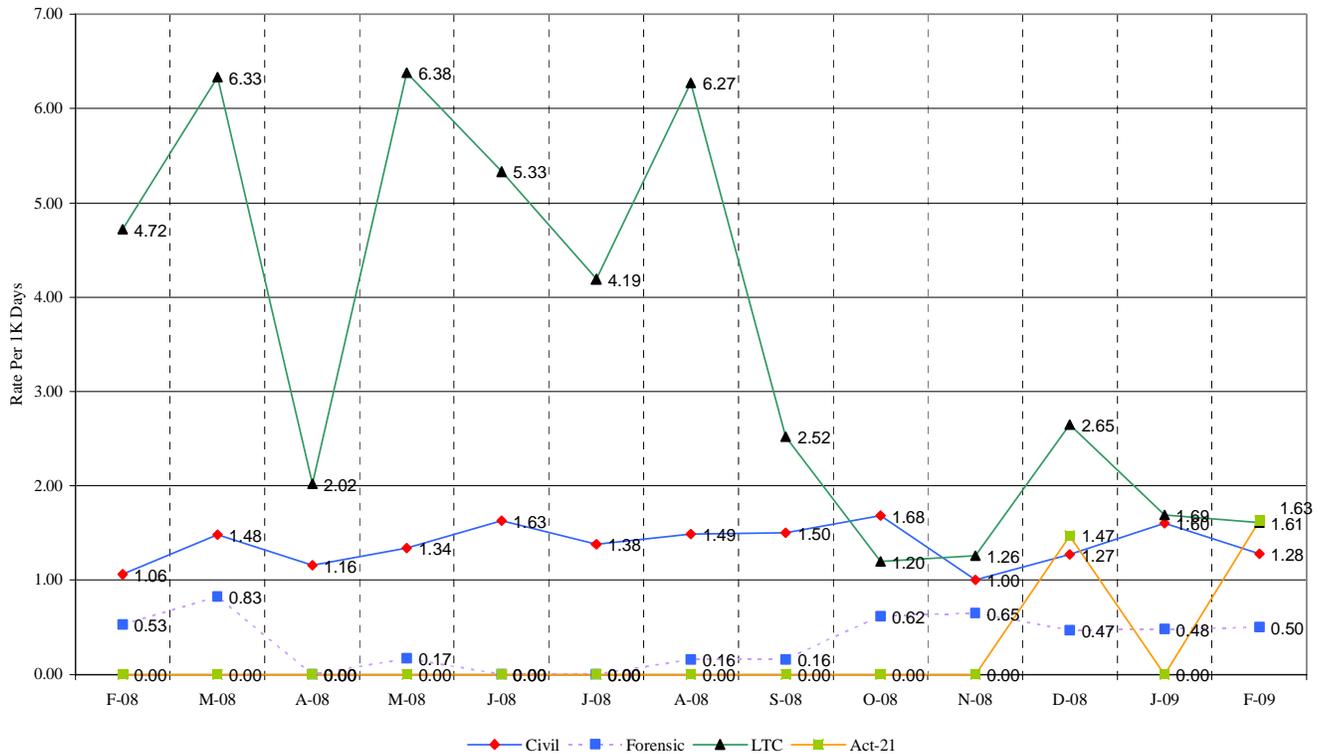
Falls

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
	All	Cl	Dan	May	Nor	Tor	War	Wer	Ttl	May	Nor	Tor	War	Total	A21	SMRC	
Feb-08	1.21	1.55	2.08	0.38	0.92	0.68	0.39	1.32	1.06	0.00	0.31	n/a	2.78	0.53	0.00	4.72	1.25
Mar-08	1.70	1.15	1.37	0.94	1.59	2.18	1.09	1.70	1.48	0.55	0.29	n/a	3.77	0.83	0.00	6.33	1.73
Apr-08	2.33	1.35	2.24	0.82	0.88	0.95	0.19	0.79	1.16	0.00	0.00	n/a	0.00	0.00	0.00	2.02	1.09
May-08	1.69	1.90	1.00	1.67	0.36	1.57	0.74	2.00	1.34	0.00	0.28	n/a	0.00	0.17	0.00	6.38	1.32
Jun-08	1.94	1.37	2.35	1.65	0.76	2.53	1.34	1.59	1.63	0.00	0.00	n/a	0.00	0.00	0.00	5.33	1.71
Jul-08	1.13	2.35	1.45	1.30	0.90	2.15	0.74	0.92	1.38	0.00	0.00	n/a	0.00	0.00	0.00	4.19	1.42
Aug-08	1.31	2.49	2.43	2.39	0.38	0.83	1.66	1.24	1.49	0.00	0.28	n/a	0.00	0.16	0.00	6.27	1.68
Sep-08	0.58	2.35	2.69	1.09	0.79	2.15	0.58	1.59	1.50	0.54	0.00	n/a	0.00	0.16	0.00	2.52	1.40
Oct-08	0.93	1.11	1.82	2.11	1.66	3.20	1.69	1.23	1.68	0.00	1.03	n/a	0.00	0.62	0.00	1.20	1.51
Nov-08	0.58	0.57	0.61	0.68	0.92	1.89	1.35	1.12	1.00	0.00	0.52	0.00	2.48	0.65	0.00	1.26	0.97
Dec-08	1.31	0.43	0.60	0.00	1.28	3.50	1.14	0.62	1.27	n/a	0.50	0.00	1.21	0.47	1.47	2.65	1.27
Jan-09	1.86	2.66	0.81	n/a	1.82	1.68	1.34	0.77	1.60	n/a	0.50	0.00	1.30	0.48	0.00	1.69	1.46
Feb-09	1.03	1.64	1.13	n/a	1.51	1.38	0.87	1.20	1.28	n/a	0.25	0.00	2.98	0.50	1.63	1.61	1.21

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	Mar_08	Apr_08	May_08	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Total
MAY	1.50	1.08		0.50		0.50	0.58	1.00					5.17
NOR											0.08		0.08
WAR		2.65					0.83			1.00		6.00	10.48
Total	1.50	3.73	0.00	0.50	0.00	0.50	1.42	1.00	0.00	1.00	0.08	6.00	15.73

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

ABV	Mar_08	Apr_08	May_08	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Total
MAY	1	3	0	1	0	1	2	1	0	0	0	0	9
NOR	0	0	0	0	0	0	0	0	0	0	1	0	1
WAR	0	3	0	0	0	0	2	0	0	1	0	4	10
Total	1	6	0	1	0	1	4	1	0	1	1	4	20

**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
February 2009**

ABV	WARD	Total Hrs
WER	34-4	10.13
WER	35-4	1.42
WAR	3SW	1.22
NOR	10A1	1.00
WER	35-3	0.25
WAR	3NM	0.25
Total		14.27

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

ABV	Mar_08	Apr_08	May_08	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Total
CLA	0.85	0.00	0.75	0.00	0.42	0.00	0.48	0.00	0.00	0.00	0.00	0.00	2.50
NOR	0.02	0.50	1.67	1.43	2.17	1.50	1.00	0.00	0.00	0.00	1.50	1.00	10.78
WAR	0.00	1.00	0.33	0.33	1.33	0.00	0.00	0.00	0.00	0.00	1.02	1.47	5.48
WER	2.42	12.03	11.97	9.50	13.58	2.27	5.20	4.17	12.70	4.33	4.92	11.80	94.88
Total	3.28	13.53	14.72	11.27	17.50	3.77	6.68	4.17	12.70	4.33	7.43	14.27	113.65

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

ABV	Mar_08	Apr_08	May_08	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Total
CLA	2	0	1	0	1	0	1	0	0	0	0	0	5
NOR	1	1	2	2	4	1	1	0	0	0	1	2	15
WAR	0	1	1	1	2	0	0	0	0	0	4	5	14
WER	3	7	9	7	13	3	8	5	11	3	6	9	84
Total	6	9	13	10	20	4	10	5	11	3	11	16	118

**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**
February 2009

ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total
WAR	3SW	3.950	WER	35-4	0.233	TOR	013	0.100	CLA	4	0.033
NOR	10A1	0.817	NOR	01C1	0.221	WER	34-3	0.100	NOR	51C1	0.033
TOR	011	0.633	CLA	6	0.217	NOR	09CF	0.083	ALL	M5	0.033
WER	34-4	0.558	ALL	M6	0.179	WAR	FOR	0.067	CLA	2	0.025
WER	35-3	0.417	WAR	3IM	0.167	ALL	M4	0.053	NOR	51C2	0.017
TOR	FC2	0.317	DAN	310	0.158	DAN	212	0.050	NOR	10C1	0.017
TOR	FC1	0.317	CLA	3	0.150	TOR	023	0.050	DAN	311	0.013
ALL	2W	0.317	TOR	071	0.133	DAN	211	0.050	ALL	M8	0.006
NOR	51A2	0.300	NOR	51B2	0.114	NOR	51A1	0.042	Total		10.397
NOR	01A1	0.296	TOR	012	0.100	DAN	312	0.033			

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

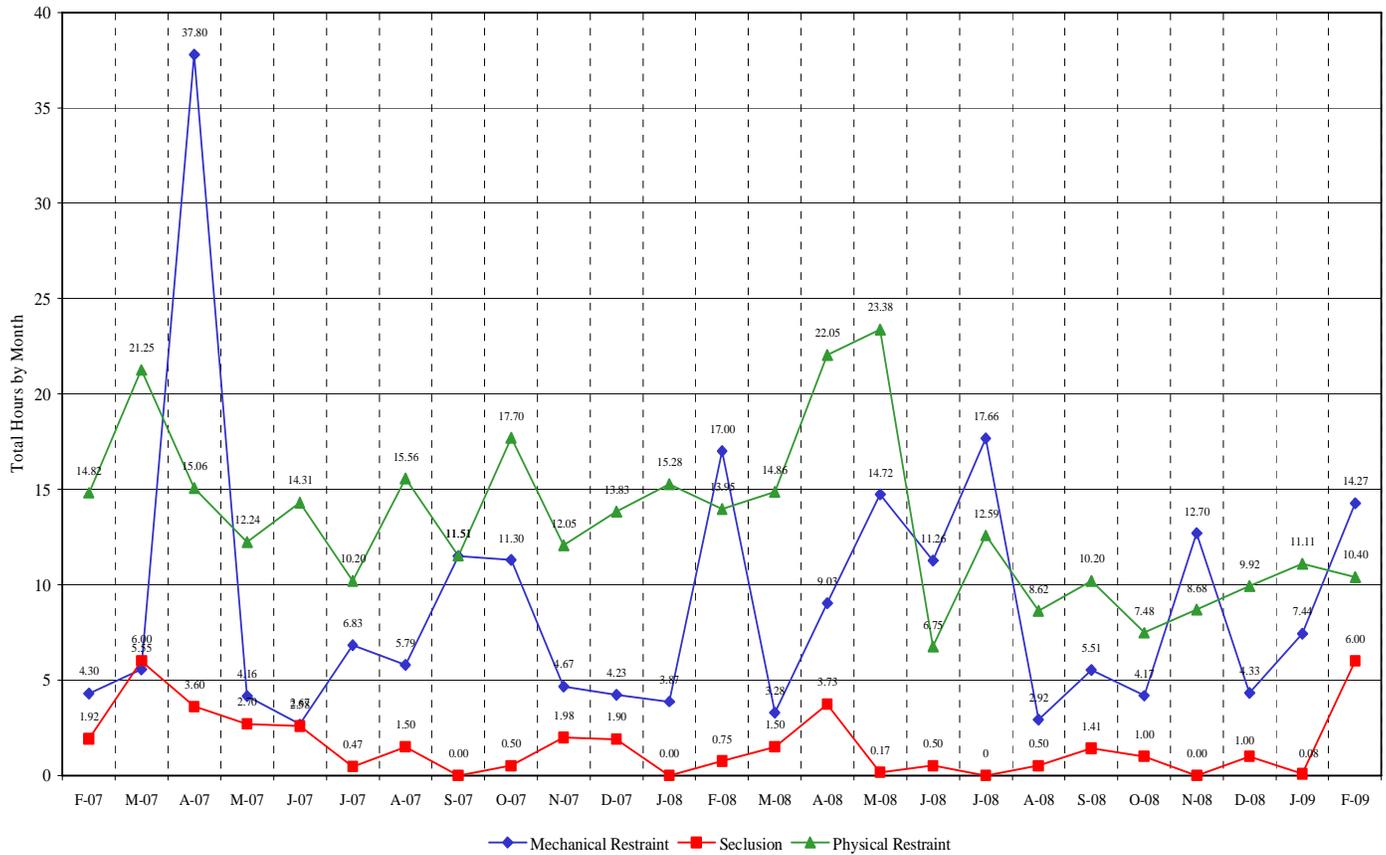
ABV	Mar_08	Apr_08	May_08	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Total
ALL	0.919	0.333	0.117	0.383	1.888	0.167	1.929	0.482	0.819	0.625	0.179	0.588	8.429
CLA	2.833	0.796	1.575	0.233	0.606	0.967	0.913	0.589	0.671	0.475	0.508	0.425	10.590
DAN	0.499	8.651	5.054	0.533	0.225	0.238	0.613	0.281	0.365	0.138	0.244	0.304	17.144
MAY	0.933	0.678	0.837	0.658	0.567	0.450	0.442	0.175	0.017	0.000	0.000	0.000	4.757
NOR	0.992	2.065	1.871	1.508	1.104	1.050	0.647	1.019	1.078	0.543	0.918	1.939	14.734
TOR	6.817	7.400	7.825	0.583	4.329	3.414	1.900	3.067	1.017	4.733	2.029	1.650	44.764
WAR	1.100	0.900	4.667	2.183	3.350	1.933	1.967	0.833	2.867	2.083	6.500	4.183	32.567
WER	1.176	1.231	1.417	1.072	1.817	0.904	1.874	1.350	2.017	1.325	0.733	1.308	16.224
Total	15.269	22.053	23.363	7.156	13.885	9.122	10.283	7.796	8.850	9.922	11.112	10.397	149.209

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

ABV	Mar_08	Apr_08	May_08	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Total
ALL	9	6	2	4	13	1	13	7	8	9	5	8	85
CLA	22	13	16	9	10	20	9	7	13	9	15	6	149
DAN	12	59	34	6	5	4	15	6	16	7	12	10	186
MAY	8	14	13	11	10	7	6	5	1	0	0	0	75
NOR	18	38	41	29	21	15	19	21	18	13	27	35	295
TOR	38	28	34	7	29	19	13	24	8	22	12	18	252
WAR	7	3	18	8	10	11	9	10	9	10	24	15	134
WER	20	16	14	16	17	9	25	15	15	20	10	18	195
Total	134	177	172	90	115	86	109	95	88	90	105	110	1371

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.



Psychiatric Use of STAT Medications

Starting April 1, 2004 the Civil and Forensic services of the hospital system began recording their daily use of psychiatric PRN and STAT medications administered each day. Following a 12-month review, the psychiatric use of PRN orders was discontinued at all hospitals on April 1, 2005. Medical uses of PRN and STAT med orders were not affected by this change. Effective July 1, 2007 any medication ordered by a physician to be given earlier than originally scheduled for psychiatric indications, is included in the STAT medication database. The following tables are taken from this database. Table 22 differentiates between STAT and early medications, while the other tables do not include early meds.

Table 22 **Count of STAT Medications Administered for Psychiatric Indications**

February-09	Civil												S RTP	Sys. Total
Unscheduled Psych Meds	All	Cl a	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	War	Total	S RTP	Total
Number of Unique Patients	20	39	34	47	45	37	32	254	28	12	8	48	2	304
% of Census	11.5%	17.7%	21.5%	19.1%	21.2%	22.8%	15.3%	18.4%	21.9%	24.5%	33.3%	23.9%	9.1%	19.0%
Number of Early Med Events	12	0	1	0	6	43	7	69	0	0	7	7	1	77
Number of STAT meds	43	151	104	198	144	183	177	1000	69	29	19	117	6	1123
Rate per 1Kdays	11.34	24.77	23.70	29.81	25.81	48.98	31.50	27.92	17.13	21.31	38.75	20.47	11.38	26.69

Table 23 **STAT Use of Multiple Medications for Psychiatric Indications**

	Civil									Forensic			
STAT Use of Combo Meds	All	Cl a	Dan	Nor	Tor	War	Wer	Cnt	Nor	Tor	War	Cnt	
Chlorpromazine/Lorazepam	0	2	2	0	1	0	4	9	1	0	0	1	
Haloperidol/Lorazepam	0	12	0	11	4	0	13	40	1	0	0	1	
Olanzapine/Lorazepam	0	30	0	0	0	0	30	60	0	0	0	0	
Quetiapine/Lorazepam	0	0	0	0	0	0	1	1	0	0	0	0	
Use of 3 medications	0	0	0	0	0	0	1	1	0	0	0	0	
Other Neuroleptic combos	1	1	1	6	3	0	1	13	0	0	0	0	
Total	1	45	3	17	8	0	50	124	2	0	0	2	

Table 24 **Psychiatric Use of STAT Medication by Hospital & Unit for February**
(Civil & Forensic Listed Highest to Lowest)

ABV	UNIT	Count	ABV	UNIT	Count	ABV	UNIT	Count	ABV	UNIT	Count
WAR	3SW	90	DAN	310	21	NOR	51A2	11	NOR	51B1	5
CLA	3	67	NOR	09CF	20	DAN	210	10	CLA	4	5
WER	34-4	53	TOR	014	19	TOR	011	9	WER	37-1	5
NOR	01C1	52	WAR	FOR	19	NOR	10C1	9	ALL	2W	5
TOR	022	51	TOR	012	19	TOR	FC2	9	WER	34-2	4
WAR	3NM	45	CLA	2	18	WAR	2NM	8	CLA	5	3
CLA	6	41	DAN	311	18	TOR	023	8	ALL	3W	3
NOR	10A1	36	ALL	M6	17	TOR	024	8	ALL	M3	3
WER	35-4	35	DAN	212	16	TOR	FC1	8	ALL	M4	2
NOR	09AF	35	DAN	312	15	ALL	M5	7	CLA	8	1
NOR	01A1	33	NOR	51C2	13	ALL	M8	6	NOR	09AR	1
WER	35-3	31	TOR	013	12	WAR	IBH	6	WAR	IBG	1
WAR	3IM	27	TOR	021	12	WAR	2SW	6	CLA	002	1
WER	34-3	26	NOR	10A2	12	TOR	043	6	Total		1123
DAN	211	24	NOR	51B2	12	TOR	071	6			
NOR	51A1	23	TOR	FB4	12	CLA	1	5			
WER	35-2	23	CLA	7	11	NOR	51C1	5			

Table 25

Route of STAT Medications for Psychiatric Reasons for February

Route	Civil								Forensic				S RTP
	ALL	CLA	DAN	NOR	TOR	WAR	WER	Cnt	NOR	TOR	WAR	Cnt	S RTP
Not reported									2			2	
IM	29	57	20	128	88	70	55	447	36	23	2	61	2
Oral	14	94	84	70	56	113	122	553	31	6	17	54	4
Totals	43	151	104	198	144	183	177	1000	69	29	19	117	6

Table 26

Psychiatric Use of STAT Medications by Shift for February

Civil						Forensic					
ABV	0	1	2	3	Count	ABV	0	1	2	3	Count
ALL		15	22	6	43	NOR	1	40	21	7	69
CLA		64	78	9	151	TOR		17	7	5	29
DAN		45	41	18	104	WAR		4	9	6	19
NOR	1	122	63	12	198	Totals	1	61	37	18	117
TOR		54	78	12	144	S RTP					
WAR	1	60	72	50	183	S RTP		4	2		6
WER		87	61	29	177						
Totals	2	447	415	136	1000						

Table 27

Psychiatric Use of STAT Medications per 1,000 Days-of-Care

Month	Civil										Forensic						S RTP
	All	Cla	Dan	May	Nor	Tor	War	Wer	Total	Std Dev	May	Nor	Tor	War	Total	Std Dev	S RTP
Feb-08	13.09	26.99	30.99	13.78	15.90	34.72	20.34	33.59	23.70	9.73	15.09	26.01	n/a	82.06	29.82	29.87	n/a
Mar-08	6.79	19.66	31.67	8.12	18.22	44.17	18.47	25.00	21.81	12.18	19.96	22.84	n/a	47.80	25.26	12.74	n/a
Apr-08	8.92	25.17	25.06	13.55	21.34	35.05	19.01	35.92	23.62	10.01	31.93	17.51	n/a	96.59	31.40	42.12	n/a
May-08	4.88	27.20	30.54	15.23	19.41	44.03	24.93	26.36	22.89	11.86	9.49	21.62	n/a	34.59	18.75	10.37	n/a
Jun-08	12.61	20.49	24.32	13.87	14.04	35.39	19.00	40.01	23.17	10.59	16.21	11.82	n/a	18.66	13.85	2.96	n/a
Jul-08	11.72	16.90	21.96	13.51	16.26	34.02	25.04	36.27	22.33	9.64	25.03	10.68	n/a	23.81	16.46	6.71	24.67
Aug-08	8.79	23.02	20.05	20.03	14.44	30.64	19.50	23.30	19.99	6.65	17.76	13.74	n/a	55.71	19.77	19.47	7.23
Sep-08	20.15	23.95	29.38	22.57	18.29	25.02	13.83	39.22	24.17	8.77	11.41	16.86	n/a	51.06	19.59	17.88	11.67
Oct-08	10.78	16.03	30.69	14.33	16.85	29.28	16.92	26.47	20.44	7.95	9.51	28.45	n/a	25.21	23.06	8.33	12.42
Nov-08	13.90	19.06	30.64	6.78	14.37	21.46	17.80	30.20	20.31	8.36	17.18	16.82	10.50	34.74	18.33	9.04	23.55
Dec-08	9.33	11.99	34.70	3.77	15.49	35.00	28.22	22.55	21.61	11.66	n/a	15.35	27.95	42.48	21.80	10.32	8.80
Jan-09	9.28	17.13	29.78	n/a	16.55	34.43	35.90	22.63	23.23	12.33	n/a	16.89	37.97	23.41	22.71	8.97	11.73
Feb-09	11.34	24.77	23.70	n/a	29.81	25.81	48.98	31.50	27.92	14.43	n/a	17.13	21.31	38.75	20.47	9.73	11.38

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 28 **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	Civil								Forensic				SRTP	Sys
	All	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	War	Cnt	Tor	Total
Jul-08	113	138	74	113	90	94	109	787	27	n/a	6	51	0	838
Aug-08	112	115	70	111	87	96	115	756	25	n/a	7	50	0	806
Sep-08	110	125	71	105	94	76	111	740	22	n/a	6	44	0	784
Oct-08	110	132	69	99	90	115	105	760	26	0	19	59	0	819
Nov-08	125	139	75	108	95	114	99	777	20	16	17	53	3	833
Dec-08	120	136	74	111	86	104	98	729	28	33	17	78	3	810
Jan-09	122	129	84	111	90	100	92	728	26	23	17	66	3	797
Feb-09	124	136	81	114	88	97	84	724	25	20	17	62	3	789

Table 29 **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	Civil								Forensic				SRTP	Sys
	All	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	War	Cnt	Tor	Total
Jul-08	4	31	24	20	58	51	26	259	n/a	n/a	n/a	0	0	259
Aug-08	2	26	25	23	54	57	23	246	n/a	n/a	n/a	0	0	246
Sep-08	2	37	25	26	55	55	11	242	n/a	n/a	n/a	0	0	242
Oct-08	2	33	23	21	59	55	25	239	2	0	4	10	0	249
Nov-08	1	20	26	21	61	63	21	250	1	4	4	9	0	259
Dec-08	2	28	23	25	60	58	24	220	3	5	4	12	0	232
Jan-09	2	22	33	15	54	59	29	214	2	8	6	16	0	230
Feb-09	1	19	30	16	53	58	22	199	2	3	2	7	0	206

Note: July, August and September counts for Mayview, Norristown and Warren include data from the civil hospitals and the forensic centers.

Table 30 **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	Civil								Forensic				SRTP	Sys
	All	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	War	Cnt	Tor	Total
Jul-08	46	71	56	119	56	40	71	532	n/a	n/a	n/a	0	1	533
Aug-08	45	67	60	129	51	39	68	526	n/a	n/a	n/a	0	1	527
Sep-08	57	62	62	126	55	37	33	482	n/a	n/a	n/a	0	1	483
Oct-08	56	66	57	96	60	33	71	469	27	0	3	42	0	511
Nov-08	65	85	53	105	75	34	67	514	33	14	2	49	0	563
Dec-08	62	65	50	105	66	26	69	443	33	16	3	52	0	495
Jan-09	55	46	44	105	54	30	67	401	25	17	2	44	0	445
Feb-09	49	38	48	105	48	32	66	386	27	19	2	48	0	434

Note: July, August and September counts for Mayview, Norristown and Warren include data from the civil hospitals and the forensic centers.

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 31 Patient-to-Patient Assaults by Unit, All Levels of Care
February 2009**

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	01C1	33	WER	34-3	8	NOR	09AF	5	CLA	4	2
NOR	01A1	25	WER	35-3	8	CLA	2	5	CLA	7	2
TOR	022	19	WER	35-4	8	TOR	023	5	WAR	2SW	2
WAR	3IM	18	ALL	M5	7	TOR	024	5	TOR	071	2
NOR	10A2	16	WER	37-1	6	TOR	FC1	4	SMO	5A	2
NOR	10C1	13	ALL	M8	6	WAR	FOR	4	NOR	09AR	2
NOR	10A1	13	NOR	09CF	6	DAN	210	4	NOR	51A2	2
TOR	013	11	ALL	M4	6	ALL	M3	4	NOR	51B1	2
ALL	M6	11	NOR	51C2	6	TOR	012	4	TOR	011	2
DAN	211	10	DAN	310	6	CLA	3	4	TOR	FB4	2
DAN	212	10	TOR	021	6	NOR	51C1	4	NOR	51A1	1
CLA	6	10	WAR	3NM	6	TOR	FC2	4	Total		375
WER	34-4	9	WER	34-2	6	WER	35-2	3			
SMO	3B	8	TOR	014	6	WAR	3SW	2			

Note: Every Patient-to-Patient Assault accounts for at least 2-incident reports.

Table 32 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				
	All	Cla	Dan	May	Nor	Tor	War	Wer	Avg.	May	Nor	Tor	War	Avg.
Feb-08	1.41	2.02	1.25	1.53	3.94	1.52	1.94	2.32	2.10	2.90	3.76	n/a	6.95	3.91
Mar-08	1.13	1.29	0.78	0.38	3.42	2.64	0.91	2.93	1.83	1.11	4.34	n/a	3.77	3.30
Apr-08	1.75	1.35	0.2	1.44	4.52	3.95	1.14	1.75	2.19	5.04	2.08	n/a	5.68	3.41
May-08	0.94	2.34	1.81	2.09	5.43	2.99	0.00	1.08	2.29	3.80	5.40	n/a	0.00	4.34
Jun-08	2.33	1.52	1.07	2.12	3.29	2.53	0.96	2.07	2.06	3.74	2.36	n/a	0.00	2.49
Jul-08	2.08	1.18	2.28	2.08	4.52	1.98	0.19	1.38	2.04	5.12	4.04	n/a	0.00	3.90
Aug-08	1.12	2.20	0.81	1.20	2.26	0.66	0.55	0.93	1.30	0.57	3.17	n/a	4.46	2.54
Sep-08	1.92	1.32	0.83	2.55	2.89	1.82	0.78	1.59	1.72	3.80	5.62	n/a	8.72	5.49
Oct-08	1.86	0.83	1.01	0.84	5.62	2.56	1.13	1.08	2.09	0	5.64	n/a	2.4	3.74
Nov-08	2.70	0.72	2.66	0.00	3.03	2.37	1.35	0.96	1.89	1.72	3.88	n/a	3.72	3.11
Dec-08	1.49	1.16	2.59	0.00	3.07	2.43	0.38	1.26	1.79	n/a	2.97	1.36	2.43	2.53
Jan-09	1.86	2.36	2.23	n/a	1.69	3.05	0.58	0.31	1.74	n/a	2.98	4.00	0.00	2.86
Feb-09	1.65	1.48	2.48	n/a	4.37	1.89	0.87	1.88	2.17	n/a	1.49	2.94	1.49	1.82

Table 33

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

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
WAR	3IM	13	NOR	01A1	4	DAN	312	2	TOR	FC2	1
DAN	310	8	ALL	M4	4	CLA	3	2	CLA	1	1
TOR	022	7	WER	37-1	3	ALL	M6	2	TOR	FC1	1
NOR	51B2	6	WER	35-4	3	NOR	09AF	2	TOR	013	1
DAN	210	6	CLA	6	3	TOR	024	2	NOR	09AR	1
ALL	M3	6	DAN	211	3	ALL	2W	2	DAN	212	1
NOR	10A2	5	NOR	10C1	3	NOR	51A2	2	TOR	011	1
NOR	01C1	5	TOR	FB4	3	WER	34-2	2	SMO	3B	1
WER	34-4	5	ALL	M5	3	NOR	51A1	2	NOR	51B1	1
NOR	10A1	4	WAR	3SW	3	WER	35-3	1	TOR	071	1
WER	34-3	4	DAN	311	2	WAR	3NM	1	Total		133

Table 34

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				
	All	Cl	Dan	May	Nor	Tor	War	Wer	Avg	May	Nor	Tor	War	Avg	
Feb-08	1.01	0.31	0.21	1.15	1.05	0.34	0.39	2.32	0.87	0.00	0.31	n/a	0.00	0.18	
Mar-08	1.13	0.57	0.39	1.13	0.98	0.47	0.91	1.85	0.93	0.55	0.29	n/a	0.00	0.33	
Apr-08	2.52	0.60	0.00	0.62	1.38	1.42	0.38	2.54	1.22	1.12	0.30	n/a	5.68	1.19	
May-08	0.75	0.44	0.00	0.42	1.81	0.94	1.66	1.08	0.95	0.00	0.57	n/a	0.00	0.35	
Jun-08	1.16	0.76	0.00	0.47	1.01	0.00	0.96	0.96	0.70	0.00	0.89	n/a	0.00	0.53	
Jul-08	1.13	0.59	0.21	0.78	0.65	0.83	0.37	2.31	0.88	0.00	1.15	n/a	0.00	0.68	
Aug-08	1.12	0.29	0.00	1.20	0.63	0.83	0.18	0.62	0.58	0.57	0.00	n/a	0.00	0.17	
Sep-08	2.11	0.59	0.41	1.09	0.92	0.83	0.97	0.64	0.92	0.00	1.34	n/a	2.49	1.10	
Oct-08	0.74	0.41	0.20	0.42	0.13	0.64	0.56	1.08	0.52	0.00	1.03	n/a	0.00	0.62	
Nov-08	1.16	0.43	0.82	0.00	0.13	0.47	0.77	1.28	0.66	0.00	0.78	0.00	0.00	0.49	
Dec-08	1.12	0.87	0.40	0.00	0.38	0.76	0.57	0.79	0.68	n/a	0.25	0.00	1.21	0.32	
Jan-09	1.11	0.59	0.00	n/a	0.39	0.76	0.00	0.62	0.51	n/a	0.99	0.00	0.00	0.64	
Feb-09	1.03	0.33	1.35	n/a	0.45	0.69	0.65	0.86	0.73	n/a	0.50	2.20	0.00	0.83	