

THE WEAVING SHOP AT WERNERSVILLE STATE HOSPITAL
Circa 1920

*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 May 2009*

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Table of Contents

Census and Rates of Incidents	Table 1	Page 2
Thirteen-Month Trend of Incidents		Page 2
Six-Month Summary of High Profile Events		Page 3
Category or Cause of Incidents: Civil	Table 2	Page 4
Primary Effect of Incidents: Civil	Table 3	Page 5
Category or Cause of Incidents: Forensic	Table 4	Page 6
Effect of Incidents: Forensic	Table 5	Page 6
Cause of Incidents: Long Term Care	Table 6	Page 7
Effect of Incidents: Long Term Care	Table 7	Page 7
Cause of Incidents: SRTP	Table 8	Page 8
Effect of Incidents: SRTP	Table 9	Page 8
Tobacco Users	Table 10	Page 9
Diabetes	Table 11	Page 9
Reasons for Hospitalization as a Result of an Incident	Table 12	Page 9
13-Month Rate of Type 1 Falls per 1,000 Days of Care	Table 13	Page 10
13-Month Trend of Type 1 Falls		Page 10
Hours of Seclusion Use	Table 14	Page 11
Number of Seclusion Events	Table 15	Page 11
Total Hours of Mechanical Restraint by Unit	Table 16	Page 11
Hours of Mechanical Restraint Use: 12 Months	Table 17	Page 11
Number of Mechanical Restraint Events: 12 Months	Table 18	Page 11
Hours of Physical Restraint Use by Unit	Table 19	Page 12
Hours of Physical Restraint Use: 12 Months	Table 20	Page 12
Number of Physical Restraint Events: 12 Months	Table 21	Page 12
24-Month Trend of Restraint and Seclusion Hours		Page 13
Count of STAT Medications for Psychiatric Indications	Table 22	Page 15
STAT Use of Multiple Medications for Psychiatric Indications	Table 23	Page 15
Psychiatric Use of STAT Medications by Unit	Table 24	Page 1
Route of STAT Medications for Psychiatric Reasons	Table 25	Page 15
Psychiatric Use of STAT Medications by Shift	Table 26	Page 15
Psychiatric Use of STAT Medications per 1,000 Days-of-Care	Table 27	Page 15
Benzodiazepines	Table 28	Page 16
Multiple Atypicals	Table 29	Page 16
Typical-Atypical	Table 30	Page 16
Patient-to-Patient Assaults by Unit	Table 31	Page 17
13-Month Rate of Patient-to-Patient Assault Events with Injury per 1,000 Days-of-Care	Table 32	Page 17
Patient-to-Staff Assaults by Unit	Table 33	Page 18
13-Month Rate of Patient-to-Staff Assaults with Injury to Staff per 1,000 Days-of-Care	Table 34	Page 18

State Hospital Risk Management Summary Report May 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.

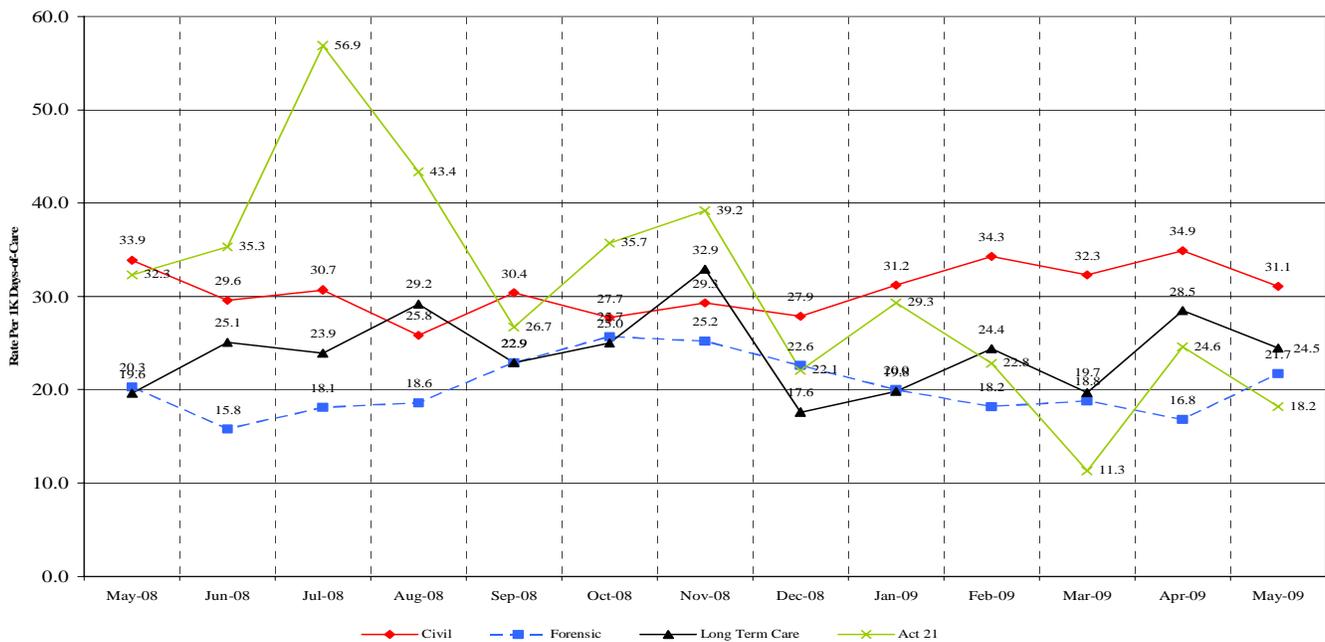
The data dictionary for the measurement system was last updated on October 1, 2008, and is available for review.

During **May** a total of 1575 incident reports were completed by the state hospital system, which is a decrease of 95 events from the previous month. Additionally, 10 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

May 2009				
Civil	5/31/2009	Days Provided	Incidents	Per 1000 Days-of-Care
Allentown	172	5336	247	46.3
Clarks Summit	219	6830	127	18.6
Danville	156	4946	140	28.3
Norristown	240	7539	290	38.5
Torrance	211	6215	206	33.1
Warren	158	4831	71	14.7
Wernersville	215	6671	236	35.4
Total Civil	1371	42368	1317	31.1
Forensic				
Norristown	134	4067	108	26.6
Torrance	62	1875	29	15.5
Warren	23	697	7	10.0
Total Forensic	219	6639	144	21.7
Act 21				
Act 21	23	713	13	18.2
Total Act 21	23	713	13	18.2
Long Term Care				
South Mountain	134	4127	101	24.5
Total L. T. C.	134	4127	101	24.5
Total	1747	53847	1575	29.2

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	12/08	1/09	2/09	3/09	4/09	5/09
Total number of reported airway obstructions or choking incidents at all facilities (Type 1 & 2):	9	8	3	5	5	6
Total number of AWOL's & UA's all facilities:	37	23	44	46	39	53
Total number of falls (Type 1 & 2) at all facilities:	149	165	+148	+166	154	173
Total number of reported falls involving consumers age 65 or older:	40	38	+50	45	39	38
Total number of reported falls involving consumers age 75 or older:	13	10	19	17	13	12
Total number of reported fire setting events:	1	1	0	1	1	0
Total number of reported incidents involving a bone fracture:	2	8	2	4	+7	6
Total number of reported deaths for this report period:	5	4	6	4	4	3
Total number of reported incidents involving a burn or scald:	3	4	6	6	5	3
Total number of reported incidents involving a cut or laceration requiring sutures, steri-strips or glue:	8	16	17	11	+19	15
Total number of reported incidents of patient-to-patient assault (see note below):	342	376	375	350	418	369
Total number of reported incidents of patient-to-staff assaults:	92	110	133	93	118	106
Total number of reported incidents involving alleged abuse:	-0	8	14	-7	-14	14
Total percentage for the month of reported incidents involving no physical injury to the Patient:	67%	68%	69%	70%	70%	66%
Total incidents of physical restraint used for the month:	90	105	110	86	70	90
Total hours of physical restraint used for the month:	9.922	11.111	10.397	6.178	5.544	7.092
Incidents of mechanical restraint use for the month:	3	11	16	5	4	5
Total hours of mechanical restraint used for the month:	4.33	7.43	14.27	3.01	11.78	2.58
Total reported incidents involving the use of seclusion:	1	1	4	2	0	0
Total hours of seclusion used for the month:	1.00	.08	6.00	1.93	0	0
Total number of reported incidents coded as alleged sexual assault:	4	0	5	3	-2	0
Total number of reported incidents of attempted suicide:	4	6	2	2	5	3
Total number of reported incidents involving the threat or plan of suicide:	7	23	8	12	16	6
Total number of reported incidents of illicit drug use/possession:	2	4	2	1	3	1
Total number of medication errors:	46	43	+46	60	+47	45
Total number of STAT medications administered for psychiatric indications:	1042	1078	1124	938	896	998

***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**
May 2009

Primary Cat #	ALL	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	4	7	7	14	3	5	10	50
Adverse Drug Reaction		4	1					5
Aggression	19	12	4	40	17	6	59	157
Airway Obstruction type 1 Intervention	1		1		2			4
Airway Obstruction type 2 No Intervention	1							1
Alleged Pt. Abuse	5	4		3	1	1		14
Assault, Pt./Pt	44	28	17	105	54	12	48	308
Assault, Pt./Staff	9	10	21	17	3	3	20	83
AWOL/UA	3	3		3	3	5	7	24
AWOL-Attempt	1				2	1		4
AWOL-Late	11		6	1	3		4	25
Change in Medical Status-Stabilized	1		1	1	4	1	1	9
Change in Medical Status-Transferred	9	6	3	15	3		4	40
Charged post admit/crime committed prior to admit		1						1
Charged with alleged crime off hospital grounds	1							1
Charged with alleged crime on hospital grounds			2				2	4
Communications Sys. Misuse		3	2		1			6
Community Incident		1	2		2			5
Contraband Possession	4	1		3	3		2	13
Fall Type 1-Injury with treatment	11	15	9	12	11	6	5	69
Fall Type 2-No treatment needed	7	13	9	6	15	7	20	77
Family Concern	1		2		5		1	9
Illicit Substance Use/Possession					1			1
Indeterminate/Unconfirmed Cause of Injury	4	6	5	7	3	1	1	27
Medication Error	5		4	15	1	3	4	32
Missing Property	6	1	5			1		13
Other	44	7	5	13	27	7	17	120
Procedural Treatment Error	3		2				1	6
Property Damage	8	1	2	3			1	15
Seizure	1			3	2	1	7	14
Self-Injurious behavior	12	3	18	11	20	7	16	87
Sexual Behavior	2		2	2	2	1	4	13
Smoking Violation	22		2	13	9	1	1	48
Substantiated Nonconsensual Sexual Activity					2			2
Suicide Attempt	1				1			2
Suicide threat/plan	1			1		1		3
Theft	4	1	2	2	1	1	1	12
Unsubstantiated Nonconsensual Sexual Activity			2		5			7
Unsubstantiated Patient Abuse	2		4					6
Totals	247	127	140	290	206	71	236	1317

Table 3

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

Primary effect	ALL	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	8	24	17	29	26	13	15	132
Allergic reaction	1							1
Bite-Human	2			3	1		1	7
Bite-Insect					1		1	2
Blister			1					1
Body System Illness		4		7				11
Bruise/contusion/discoloration	10	3	12	7	7	6	7	52
Burn/Scald		1	1		1			3
Cellulitis		1						1
Damaged or lost tooth				1			1	2
Death		1		1				2
Edema/swelling	4	3	1	6		1	6	21
Emesis	2	2			2			6
Epistaxis					3	1		4
Erythema/redness	2		1		4		1	8
Fever	1							1
Fracture	2	1	1		1			5
Ingestion of foreign body	5			4	3		3	15
Internal injury				1				1
Laceration: NO sutures/staples/steri-strips	5	3	2	7	4	2	6	29
Laceration: with steristrips/glue	2		2			1	2	7
Laceration: with sutures/staples	1		1	2	3			7
Lethargy		1		2	1		3	7
Muscle pull/strain/sprain		1	1					2
No Injury/NA	189	73	91	189	129	45	170	886
Other	3	2		9	6		8	28
Pain, Specified	5	7	4	19	6	1	8	50
Puncture/stab wound				1				1
Respiratory Distress	3		1		1		1	6
Seizure	1				3		2	6
Skin Irritation/Rash			1		2	1		4
Syncopal episode			2					2
Unconscious/Unresponsive	1		1	2	2		1	7
Totals	247	127	140	290	206	71	236	1317

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
Accident-Injury				1						1	2
Adverse Drug Reaction				1							1
Aggression	4	7	3	1	1	8	1	1	5	2	33
Alleged Pt. Abuse	1	1						1			3
Assault, Pt./Pt		15	12	6	3		4		6	2	48
Assault, Pt./Staff	6	1	3	4		1					15
Change in Medical Status-Stabilized				1						1	2
Change in Medical Status-Transferred	1	1		1		1					4
Communications Sys. Misuse									1		1
Contraband Possession				1					1		2
Fall Type 1-Injury with treatment	2						1			1	4
Fall Type 2-No treatment needed						1			1	1	3
Indeterminate/Unconfirmed Cause of Injury										1	1
Medication Error		1		1							2
Other			3	1		1				1	6
Property Damage				1							1
Self-Injurious behavior	1	1	1	5		2	1			1	12
Sexual Behavior			1								1
Suicide Attempt	1										1
Suicide threat/plan								2			2
Totals	16	27	23	24	4	14	7	4	14	11	144

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

EFFECT	51A1	51A2	51B1	51B2	51C1	51C2	FOR	FB4	FC1	FC2	Count
Not reported	1			1							2
Abrasion/scrape/scratch/hematoma		2	3	6		1	1		3	2	18
Body System Illness				1							1
Bruise/contusion/discoloration		3		1			1			1	6
Cellulitis						1					1
Edema/swelling	1		2								3
Emesis				1							1
Erythema/redness	1				2					1	4
Ingestion of foreign body				1		1					2
Laceration: NO sutures/staples/steri-strips						1	1			1	3
No Injury/NA	12	20	18	11	2	8	4	4	10	5	94
Other	1									1	2
Pain, Specified		2		1		1			1		5
Skin Irritation/Rash				1							1
Unconscious/Unresponsive						1					1
Totals	16	27	23	24	4	14	7	4	14	11	144

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

Table 6

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	1	2	6		4	13
Aggression	3	2	1	1	3	10
Airway Obstruction type 2 No Intervention			1			1
Assault, Pt./Pt	2	4	2	2		10
Assault, Pt./Staff		3			1	4
Change in Medical Status-Transferred			3	2	1	6
Communications Sys. Misuse				1		1
Fall Type 1-Injury with treatment	6	6		1	1	14
Fall Type 2-No treatment needed		3		3		6
Family Concern	1		1			2
Medication Error	1	2	6	2		11
Near Fall			1			1
Other	2	6	4	1	2	15
Procedural Treatment Error		1				1
Property Damage		1			2	3
Self-Injurious behavior				1		1
Suicide threat/plan					1	1
Unsubstantiated Patient Abuse	1					1
Totals	17	30	25	14	15	101

Table 7

Effect of Incidents in the Long Term Care Facility

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	3	7	1	3	4	18
Blister		1				1
Bruise/contusion/dicoloration		3	7		2	12
Death			1			1
Epistaxis		1				1
Erythema/redness		1				1
Fever			2			2
Fracture			1			1
Laceration: NO sutures/staples/steri-strips	1					1
Laceration: with steristrips/glue				1		1
No Injury/NA	10	15	12	8	8	53
Other				1		1
Pain, Specified	3	2				5
Respiratory Distress			1		1	2
Unconscious/Unresponsive				1		1
Totals	17	30	25	14	15	101

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	1	1
Assault, Pt./Pt	3	3
Assault, Pt./Staff	4	4
Fall Type 1-Injury with treatment	1	1
Self-Injurious behavior	3	3
Totals	13	13

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

Primary effect	TOR	Count
Abrasion/scrape/scratch/hematoma	2	2
Bruise/contusion/discoloration	1	1
No Injury/NA	9	9
Pain, Specified	1	1
Totals	13	13

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 Long Term Care
Tobacco Users on Last Day of Month**

Table 10

Note: Smoking is not permitted in the Forensic Centers.

Date	Tobacco Use	ALL	CLA	DAN	NOR	TOR	WAR	WER	Civil Total	LTC	System Total
Aug-08	Total Users	112	131	76	178	99	89	119	804	7	811
	% of Census	65%	59%	47%	70%	49%	52%	57%	58%	5%	54%
Nov-08	Total Users	107	134	87	178	125	92	125	848	10	858
	% 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%
May-09	Total Users	102	128	75	NA	110	88	118	621	12	633
	% of Census	59%	58%	48%	NA	52%	56%	55%	45%	9%	42%

Table 11

Diabetes

M/Year	Civil Hospitals								Forensic Centers				A21	LTC	Sys
	All	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	War	Total	A21	SMRC	
May09 Patient Census	172	219	156	240	211	158	215	1371	134	62	23	219	23	134	1747
May09 Count	46	37	35	55	49	30	43	295	11	7	4	22	0	39	356
% w/ Diabetes	27%	17%	22%	23%	23%	19%	20%	22%	8%	11%	17%	10%	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
May 2009**

Cause	ALL	CLA	DAN	NOR	SMO	TOR	WER	Count
Accident-Injury			1		1			2
Assault, Pt./Pt	2			1				3
AWOL/UA						1		1
Change in Medical Status-Stabilized						1		1
Change in Medical Status-Transferred	7	6	1	16	4	3	4	41
Fall Type 1-Injury with treatment			1	1				2
Fall Type 2-No treatment needed				2				2
Other	1			4			3	8
Seizure	1			1		1	3	6
Self-Injurious behavior	4			3		1	2	10
Unsubstantiated Nonconsensual Sexual Activity						1		1
Totals	15	6	3	28	5	8	12	77

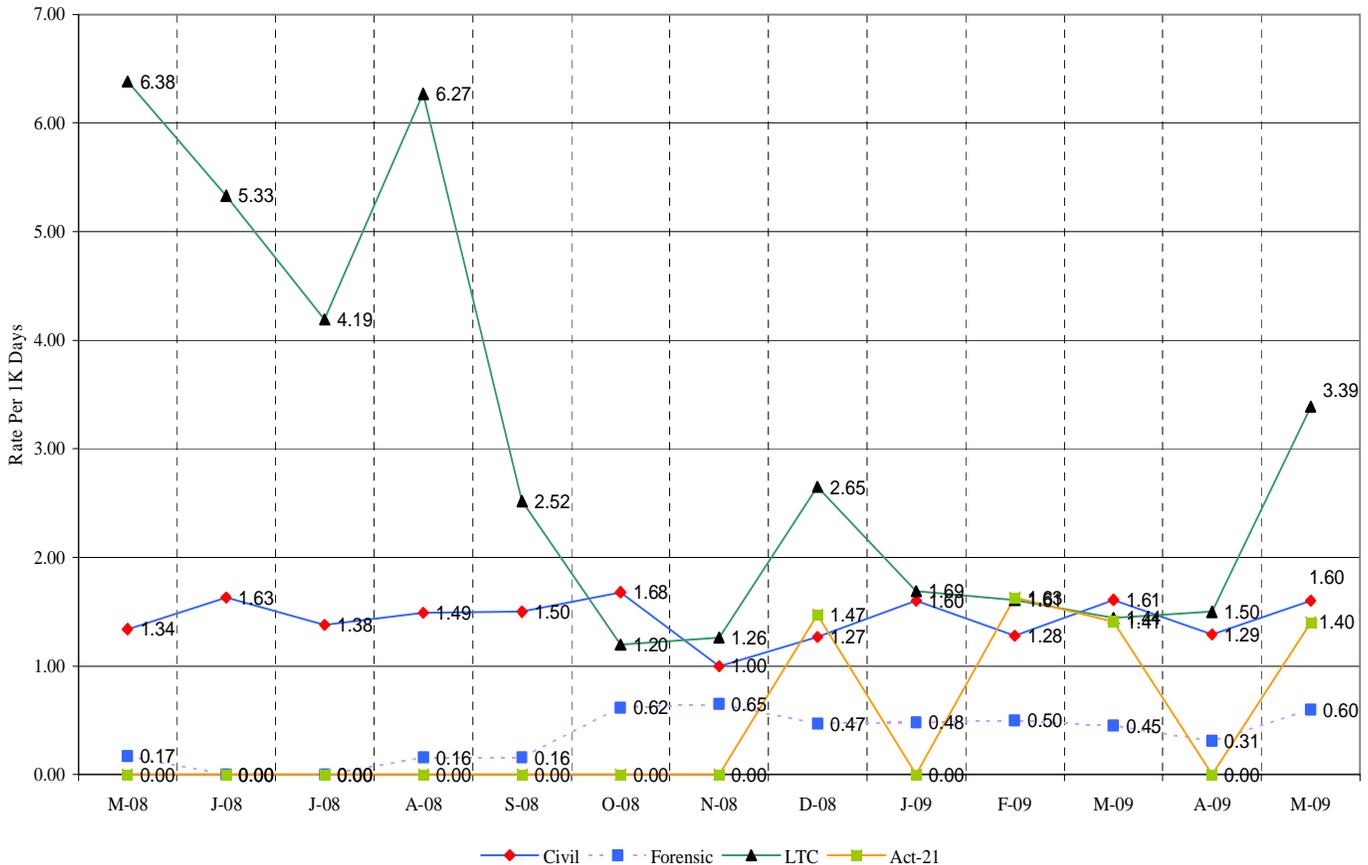
Falls

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	
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	0.50	0.00	1.21	0.47	1.47	2.65	1.27	
Jan-09	1.86	2.66	0.81	0.00	1.82	1.68	1.34	0.77	1.60	0.50	0.00	1.30	0.48	0.00	1.69	1.46	
Feb-09	1.03	1.64	1.13	0.00	1.51	1.38	0.87	1.20	1.28	0.25	0.00	2.98	0.50	1.63	1.61	1.21	
Mar-09	0.93	1.34	1.22	0.00	1.98	3.34	1.65	0.61	1.61	0.49	0.58	0.00	0.45	1.41	1.44	1.45	
Apr-09	0.96	2.44	1.03	0.00	0.95	2.49	0.44	0.47	1.29	0.52	0.00	0.00	0.31	0.00	1.50	1.17	
May-09	2.06	2.20	1.82	0.00	1.46	1.77	1.24	0.75	1.60	0.49	0.53	1.43	0.60	1.40	3.39	1.62	

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	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Mar_09	Apr_09	May_09	Total
MAY	0.50		0.50	0.58	1.00								2.58
NOR								0.08					0.08
WAR				0.83			1.00		6.00	1.93			9.77
Total	0.50	0.00	0.50	1.42	1.00	0.00	1.00	0.08	6.00	1.93	0.00	0.00	12.43

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

ABV	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Mar_09	Apr_09	May_09	Total
MAY	1	0	1	2	1	0	0	0	0	0	0	0	5
NOR	0	0	0	0	0	0	0	1	0	0	0	0	1
WAR	0	0	0	2	0	0	1	0	4	2	0	0	9
Total	1	0	1	4	1	0	1	1	4	2	0	0	15

**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
May 2009**

ABV	WARD	Total Hrs
WER	34-4	0.83
NOR	01A1	0.83
NOR	51B1	0.47
NOR	51A1	0.45
Total		2.58

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

ABV	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Mar_09	Apr_09	May_09	Total
CLA	0.00	0.42	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90
NOR	1.43	2.17	1.50	1.00	0.00	0.00	0.00	1.50	1.00	0.17	1.00	1.75	11.52
WAR	0.33	1.33	0.00	0.00	0.00	0.00	0.00	1.02	1.47	0.67	0.00	0.00	4.82
WER	9.50	13.58	2.27	5.20	4.17	12.70	4.33	4.92	11.80	2.17	11.45	0.83	82.92
Total	11.27	17.50	3.77	6.68	4.17	12.70	4.33	7.43	14.27	3.00	12.45	2.58	100.15

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

ABV	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Mar_09	Apr_09	May_09	Total
CLA	0	1	0	1	0	0	0	0	0	0	0	0	2
NOR	2	4	1	1	0	0	0	1	2	1	1	4	17
WAR	1	2	0	0	0	0	0	4	5	2	0	0	14
WER	7	13	3	8	5	11	3	6	9	2	3	1	71
Total	10	20	4	10	5	11	3	11	16	5	4	5	104

**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**
May 2009

ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total
WER	35-2	1.233	CLA	6	0.292	NOR	51B2	0.125	CLA	2	0.017
TOR	023	0.833	NOR	10A2	0.267	NOR	01A1	0.083	WAR	3NM	0.017
NOR	51B1	0.500	DAN	312	0.189	WER	34-4	0.083	NOR	09AF	0.017
DAN	212	0.425	CLA	3	0.181	WER	34-3	0.083	TOR	FB4	0.017
NOR	51A1	0.383	TOR	011	0.167	WAR	IBH	0.083	NOR	10A1	0.003
TOR	071	0.335	TOR	FC1	0.167	TOR	013	0.067	NOR	10C1	0.001
TOR	012	0.333	TOR	024	0.150	ALL	M4	0.050	Total		7.092
WAR	3SW	0.333	TOR	FC2	0.133	TOR	014	0.033			
NOR	51A2	0.333	WER	37-1	0.133	NOR	01C1	0.025			

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

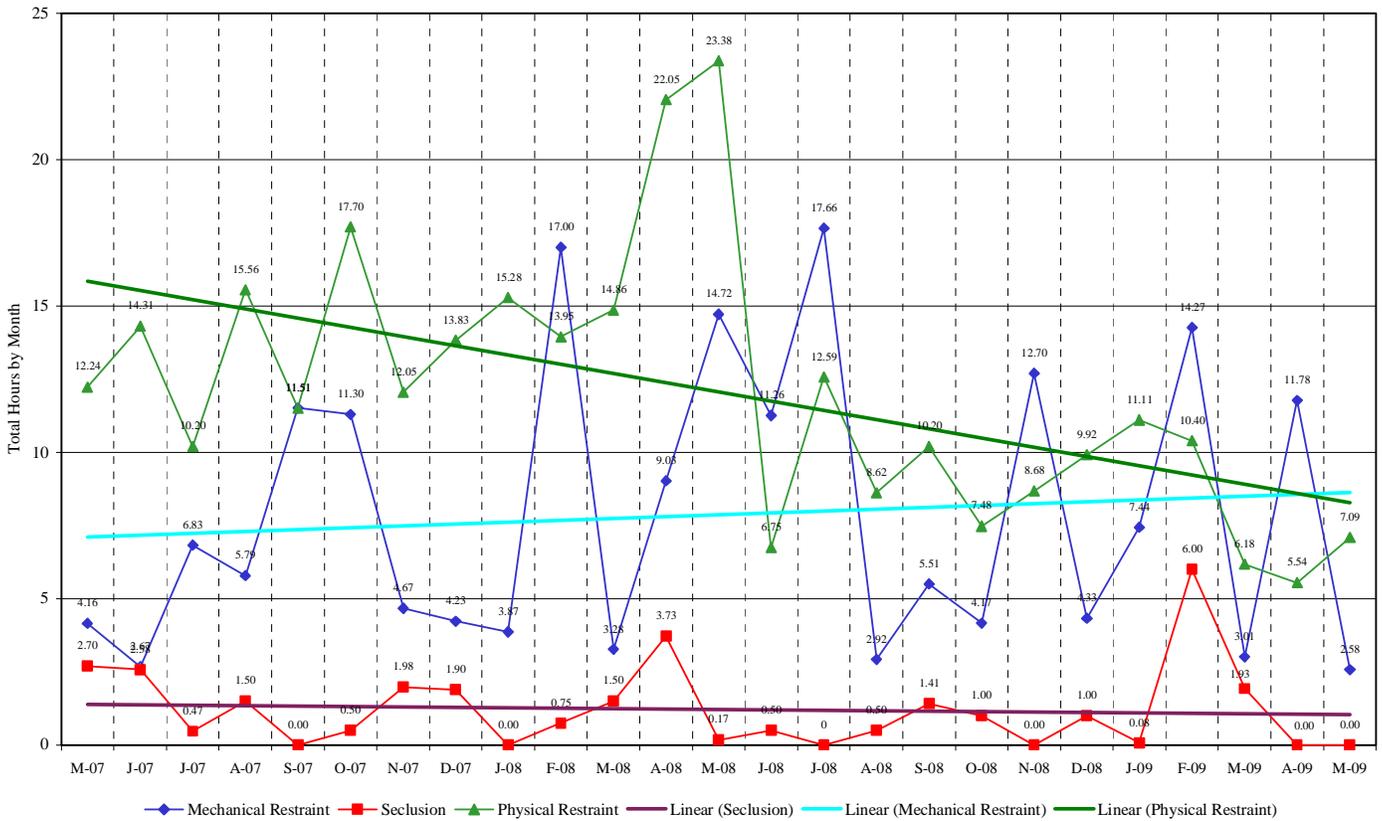
ABV	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Mar_09	Apr_09	May_09	Total
ALL	0.383	1.888	0.167	1.929	0.482	0.819	0.625	0.179	0.588	0.036	1.105	0.050	8.250
CLA	0.233	0.606	0.967	0.913	0.589	0.671	0.475	0.508	0.425	1.017	0.825	0.489	7.717
DAN	0.533	0.225	0.238	0.613	0.281	0.365	0.138	0.244	0.304	0.814	0.229	0.614	4.598
MAY	0.658	0.567	0.450	0.442		0.017	0.000	0.000	0.000	0.000	0.000	0.000	2.308
NOR	1.508	1.104	1.050	0.647	1.019	1.078	0.543	0.918	1.939	0.999	0.729	1.738	13.272
TOR	0.583	4.329	3.414	1.900	3.067	1.017	4.733	2.029	1.650	0.618	1.583	2.235	27.158
WAR	2.183	3.350	1.933	1.967	0.833	2.867	2.083	6.500	4.183	2.683	2.000	0.433	31.017
WER	1.072	1.817	0.904	1.874	1.350	2.017	1.325	0.733	1.308	0.328	0.239	1.533	14.500
Total	7.156	13.885	9.122	10.283	7.796	8.850	9.922	11.112	10.397	6.495	6.710	7.092	108.821

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

ABV	Jun_08	Jul_08	Aug_08	Sep_08	Oct_08	Nov_08	Dec_08	Jan_09	Feb_09	Mar_09	Apr_09	May_09	Total
ALL	4	13	1	13	7	8	9	5	8	2	7	1	78
CLA	9	10	20	9	7	13	9	15	6	24	14	11	147
DAN	6	5	4	15	6	16	7	12	10	13	10	11	115
MAY	11	10	7	6	5	1	0	0	0	0	0	0	40
NOR	29	21	15	19	21	18	13	27	35	24	21	36	279
TOR	7	29	19	13	24	8	22	12	18	8	21	19	200
WAR	8	10	11	9	10	9	10	24	15	11	5	4	126
WER	16	17	9	25	15	15	20	10	18	8	6	8	167
Total	90	115	86	109	95	88	90	105	110	90	84	90	1152

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 on March 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**

April-09	Civil												SRTP	Sys. Total
Unscheduled Psych Meds	All	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	War	Total	SRTP	Total
Number of Unique Patients	17	33	32	52	47	27	43	251	30	16	3	49	3	303
% of Census	9.9%	15.1%	20.5%	21.7%	22.3%	17.1%	20.0%	18.3%	22.4%	25.8%	13.0%	22.4%	13.0%	18.8%
Number of Early Med Events	10	0	0	0	1	24	5	40	0	1	5	6	0	46
Number of STAT meds	30	116	145	173	151	83	164	862	93	28	3	124	12	998
Rate per 1Kdays	7.50	16.98	29.32	22.95	24.46	22.15	25.33	21.29	22.87	15.47	11.48	19.58	16.83	21.00

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

	Civil									Forensic			
STAT Use of Combo Meds	All	Cla	Dan	Nor	Tor	War	Wer	Cnt	Nor	Tor	War	Cnt	
Chlorpromazine/Lorazepam	0	1	1	2	0	0	8	12	2	0	0	2	
Haloperidol/Lorazepam	0	7	5	10	0	0	0	22	10	0	0	10	
Olanzapine/Lorazepam	0	32	1	0	5	0	5	43	0	0	0	0	
Quetiapine/Lorazepam	0	0	0	0	0	0	0	0	0	0	0	0	
Use of 3 medications	0	0	0	0	0	0	0	0	0	0	0	0	
Other Neuroleptic combos	0	2	0	1	0	0	7	10	1	0	0	1	
Total	0	42	7	13	5	0	20	87	13	0	0	13	

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

ABV	UNIT	Count	ABV	UNIT	Count	ABV	UNIT	Count	ABV	UNIT	Count
WER	34-4	56	NOR	51A2	23	WAR	3IM	9	CLA	8	3
DAN	312	53	WAR	2SW	23	CLA	2	9	WAR	FOR	3
CLA	6	44	TOR	014	21	NOR	10C1	9	CLA	7	2
WER	34-3	42	NOR	51B1	18	WAR	3NM	9	WER	34-2	2
DAN	212	41	NOR	09CF	14	ALL	2W	9	WAR	IBH	2
CLA	3	40	NOR	09AR	13	TOR	011	9	WAR	2NM	2
NOR	09AF	39	WER	35-3	12	ALL	M4	8	ALL	3W	2
WAR	3SW	37	NOR	51B2	12	ALL	M3	8	DAN	311	1
TOR	023	36	WER	37-1	12	NOR	51C1	8	WAR	IBG	1
DAN	310	33	TOR	024	12	WER	35-4	8	NOR	09CR	1
WER	35-2	32	TOR	071	12	TOR	FB4	7	NOR	10C2	1
TOR	022	31	DAN	210	12	NOR	51C2	5	NOR	12A2	1
NOR	01C1	30	NOR	10A1	11	DAN	211	5	TOR	042	1
NOR	51A1	27	TOR	FC1	11	CLA	4	4	Total		998
NOR	10A2	27	CLA	5	11	TOR	013	4			
TOR	021	27	TOR	012	10	ALL	M5	3			
NOR	01A1	27	TOR	FC2	10	CLA	1	3			

Table 25

Route of STAT Medications for Psychiatric Reasons for May

Civil								Forensic				S RTP	
Route	ALL	CLA	DAN	NOR	TOR	WAR	WER	Cnt	NOR	TOR	WAR	Cnt	S RTP
Not reported				1			1	2					
IM	22	46	51	89	91	10	19	328	62	12	1	75	8
Oral	8	70	94	83	60	73	144	532	31	16	2	49	4
Totals	30	116	145	173	151	83	164	862	93	28	3	124	12

Table 26

Psychiatric Use of STAT Medications by Shift for May

Civil						Forensic				
ABV	0	1	2	3	Count	ABV	1	2	3	Count
ALL		19	7	4	30	NOR	50	36	7	93
CLA		57	45	14	116	TOR	8	13	7	28
DAN		64	43	38	145	WAR	1	2		3
NOR		96	63	14	173	Totals	59	51	14	124
TOR		68	75	8	151	S RTP				
WAR		32	34	17	83	S RTP	4	8		12
WER	1	62	78	23	164					
Totals	1	398	345	118	862					

Table 27

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

Month	Civil										Forensic						S RTP
	All	Cl a	Dan	May	Nor	Tor	War	Wer	Total	Std Dev	May	Nor	Tor	War	Total	Std Dev	S RTP
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	Closed	15.35	27.95	42.48	21.80	10.32	8.80
Jan-09	9.28	17.13	29.78	Closed	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	12.44	n/a	17.13	21.31	38.75	20.47	9.73	11.38
Mar-09	7.40	22.85	20.71	n/a	13.61	23.85	32.50	21.82	20.08	8.41	n/a	8.34	25.32	32.54	19.81	10.21	15.47
Apr-09	12.13	15.72	26.48	n/a	16.91	30.17	27.13	18.52	20.59	7.63	n/a	9.02	25.16	26.53	15.75	8.26	10.14
May-09	7.50	16.98	29.32	n/a	22.95	24.46	22.15	25.33	21.29	7.88	n/a	22.87	15.47	11.48	19.58	4.95	16.83

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	Civil								Forensic				SRTP	Sys
M/Y	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
Mar-09	122	133	90	114	87	97	88	731	29	19	18	66	0	797
Apr-09	122	135	94	119	95	92	90	747	29	33	16	78	3	828
May-09	124	137	91	111	91	92	93	739	33	28	14	75	3	817

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	Civil								Forensic				SRTP	Sys
M/Y	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
Mar-09	2	14	32	19	45	63	26	201	2	0	2	4	0	205
Apr-09	2	16	31	20	43	53	23	188	1	1	2	4	0	192
May-09	4	17	27	18	48	NA	26	140	3	0	NA	3	0	143

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	Civil								Forensic				SRTP	Sys
M/Y	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
Mar-09	53	32	44	105	44	25	64	367	32	24	3	59	0	426
Apr-09	46	51	51	111	40	27	61	387	35	24	2	61	0	448
May-09	47	57	54	104	40	NA	60	362	36	21	NA	57	0	419

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
May 2009**

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	10A2	27	NOR	09CF	9	WER	35-4	5	ALL	3W	2
NOR	01C1	22	ALL	M6	8	WER	35-3	5	SMO	3A	2
WER	34-4	21	TOR	022	8	WAR	FOR	4	SMO	5A	2
ALL	M4	19	CLA	3	8	WAR	3NM	4	WAR	IBG	2
NOR	51A2	15	ALL	M3	8	DAN	310	4	CLA	5	2
NOR	09AF	13	DAN	212	7	SMO	3B	4	DAN	210	2
NOR	10A1	12	WER	35-2	7	WER	37-1	4	TOR	024	2
TOR	013	12	NOR	51B2	6	ALL	2W	4	TOR	FC2	2
NOR	51B1	12	CLA	2	6	TOR	071	3	CLA	4	2
TOR	023	11	WER	34-3	6	NOR	51C1	3	DAN	312	1
CLA	6	10	TOR	012	6	DAN	211	3	WAR	2NM	1
NOR	10C1	10	TOR	014	6	ALL	M5	3	Total		369
NOR	01A1	9	TOR	FC1	6	NOR	09AR	3			
TOR	021	9	WAR	3IM	5	SMO	6A	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	Cl	Dan	May	Nor	Tor	War	Wer	Avg.	May	Nor	Tor	War	Avg.	
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	
Mar-09	0.74	1.93	0.41	n/a	3.04	1.43	2.47	0.46	1.56	n/a	1.96	2.3	1.25	1.97	
Apr-09	2.12	1.07	0.83	n/a	3.65	1.82	1.31	1.71	1.88	n/a	1.80	3.67	2.65	2.45	
May-09	1.87	1.17	1.21	n/a	3.98	2.90	1.03	1.80	2.10	n/a	2.70	2.13	2.87	2.56	

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
NOR	10A2	7	WER	35-2	4	NOR	09CF	2	NOR	51A2	1
DAN	212	6	ALL	M3	4	NOR	10C1	2	TOR	023	1
DAN	312	6	ALL	M4	3	WER	37-1	2	ALL	2W	1
WER	34-3	6	SMO	3B	3	WER	34-4	2	TOR	012	1
NOR	51A1	6	NOR	01A1	3	TOR	021	1	SMO	6B	1
WER	34-2	5	NOR	51B2	3	WER	35-3	1	NOR	51C2	1
CLA	6	5	NOR	51B1	3	ALL	M6	1	NOR	09AR	1
DAN	310	4	NOR	01C1	3	WAR	IBH	1	WAR	3IM	1
TOR	071	4	DAN	211	3	CLA	5	1	Total		106
CLA	3	4	DAN	210	2	WAR	3NM	1			

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	
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	
Mar-09	0.00	0.59	0.61	n/a	0.53	0.16	0.62	0.76	0.47	n/a	0.25	1.15	0.00	0.45	
Apr-09	1.93	0.61	0.41	n/a	0.41	0.33	0.22	1.09	0.71	n/a	0.00	0.52	0.00	0.15	
May-09	0.37	0.44	0.81	n/a	0.53	0.16	0.41	1.50	0.61	n/a	0.49	0.00	0.00	0.30	