



State Hospital Risk Management Summary Report For October 2010

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Introduction

The State Hospital Risk Management System defines an incident as any patient-related event that has the potential for, or which results in, a negative impact upon the quality of patient care or services, including injury or death of a person served in the state hospital system.

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

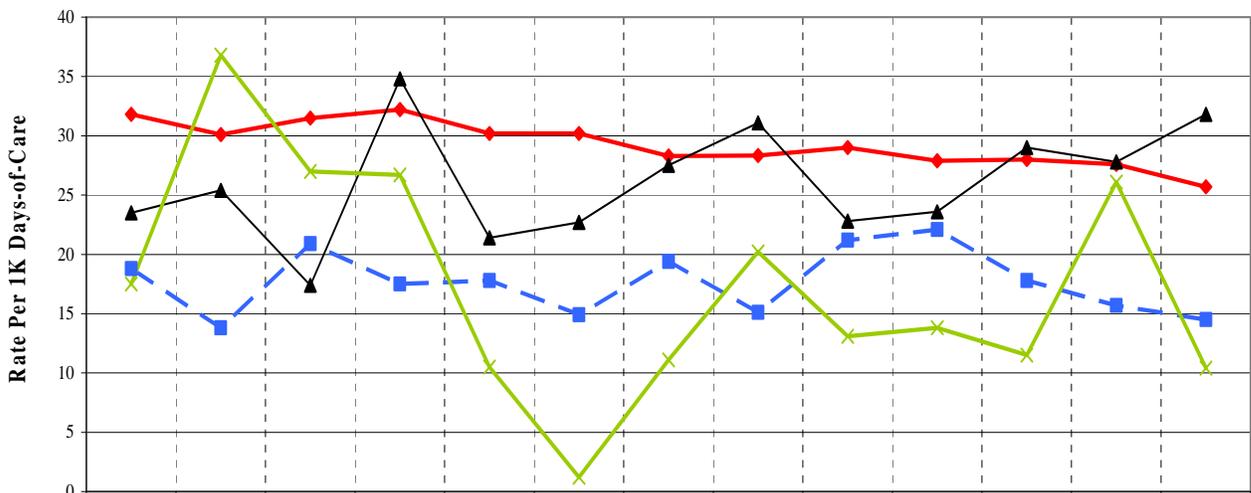
During **October** a total of 1266 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. Other tables in this report may include additional NRI events regarding these incident reports. The following is a breakdown of incidents by individual facility and type of care:

Table 1 - Number of Incident Reports

Civil	Census 10/31/10	Days Provided	Incidents	Per 1000 Days-of-Care
Allentown	48	1530	36	23.5
Clarks Summit	217	6757	79	11.7
Danville	173	5417	144	26.6
Norristown	226	7016	198	28.2
Torrance	201	6101	201	32.9
Warren	165	5156	105	20.4
Wernersville	268	8269	270	32.7
Total Civil	1298	40246	1033	25.7
Forensic				
Norristown	132	4118	68	16.5
Torrance	69	2119	25	11.8
Warren	0	183	0	0.0
Total Forensic	201	6420	93	14.5
Act 21				
Act 21	28	868	9	10.4
Total Act 21	28	868	9	10.4
Long Term Care				
South Mountain	132	4119	131	31.8
Total L. T. C.	132	4119	131	31.8
Total	1659	51653	1266	24.5

* Based on data appended on 11/22/2010

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



	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10
—◆— Civil	31.8	30.1	31.5	32.2	30.2	30.2	28.3	28.3	29	27.9	28	27.6	25.7
-■- Forensic	18.8	13.8	20.9	17.5	17.8	14.9	19.4	15.1	21.2	22.1	17.8	15.7	14.5
-▲- Long Term Care	23.5	25.4	17.4	34.8	21.4	22.7	27.5	31.1	22.8	23.6	29	27.8	31.8
-×- Act 21	17.5	36.8	27.0	26.7	10.5	1.2	11.1	20.2	13.1	13.8	11.5	26.1	10.4

**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	5/10	6/10	7/10	8/10	9/10	10/10
Total number of reported airway obstructions or choking incidents at all facilities (Type 1 & 2):	11	7	3	8	6	6
Total number of AWOL's & UA's all facilities:	41	51 (+)	34	49	43	48
Total number of falls (Type 1 & 2) at all facilities:	200 (+)	207 (+)	204	199	178 (-)	186
Total number of reported falls involving consumers age 65 or older:	29	44	43	44	38	43
Total number of reported falls involving consumers age 75 or older:	7	14	15	14	8	19
Total number of reported fire setting events:	1	0	0	0	0	0
Total number of reported incidents involving a bone fracture:	1	2	2	3	1	2
Total number of reported deaths for this report period:	7	2	2	8	3	4
Total number of reported incidents involving a burn or scald:	3	2	0	3	1	3
Total number of reported incidents involving a cut or laceration requiring sutures, steri-strips or glue:	14	17	9	14	5	0
Total number of reported incidents of patient-to-patient assault (see note below):	322 (+)	307 (+)	331	298	357 (+)	299
Total number of reported incidents of patient-to-staff assaults:	78 (+)	100 (+)	85	104 (+)	83 (+)	81
Total number of reported incidents involving alleged abuse:	9	10 (-)	13	18	9	9
Total percentage for the month of reported incidents involving no physical injury to the Patient:	68%	70%	67%	65%	67%	68.5%
Total incidents of physical restraint used for the month:	90	111	90	75	68	76
Total hours of physical restraint used for the month:	13.69	11.41	11.57	6.67	7.39	9.02
Incidents of mechanical restraint use for the month:	6	2	4	2	2	1
Total hours of mechanical restraint used for the month:	3.00	5.40	3.08	1.98	.73	.40
Total reported incidents involving the use of seclusion:	2	0	0	0	0	0
Total hours of seclusion used for the month:	1.00	0	0	0	0	0
Total number of reported incidents coded as Nonconsensual Sexual Activity:	0	6	6	6	4	0
Total number of reported incidents of attempted suicide:	3	3	1	2	3	2
Total number of reported incidents involving the threat or plan of suicide:	10	7	13	12	13	9
Total number of reported incidents of illicit drug use/possession:	6	2	2	9	1	3
Total number of medication errors:	45 (+)	32 (+)	36	34(-)	31 (+)	24
Total number of STAT medications administered for psychiatric indications:	1101 (+)	1004	1102	1061	971	891

***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

Primary Cat #	ALL	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	3	4	4	6	7	6	8	38
Adverse Drug Reaction				2			1	3
Aggression	3	10	14	15	33	26	45	146
Airway Obstruction type 1 Intervention				1			3	4
Airway Obstruction type 2 No Intervention				1			1	2
Alleged Nonconsensual Sexual Activity				4				4
Alleged Pt. Abuse	1	1	1	1		1	2	7
Assault, Pt./Pt	6	21	33	61	49	22	43	235
Assault, Pt./Staff		3	18	8	15	7	19	70
Assault: Patient/Other							1	1
AWOL/UA			1	2	3	2	12	20
AWOL-Attempt		1	1	2				4
AWOL-Late			3	4	1		4	12
Change in Medical Status-Stabilized		1		3				4
Change in Medical Status-Transferred	3	13	4	8	9	2	8	47
Charged post admit/crime committed prior to admit							1	1
Charged with alleged crime on hospital grounds			1				1	2
Communications Sys. Misuse		1	3					4
Community Incident	1							1
Contraband Possession			2	6	3	5	4	20
Fall Type 1-Injury with treatment	1	6	9	5	16	4	7	48
Fall Type 2-No treatment needed	8	4	10	6	25	8	43	104
Family Concern							1	1
Illicit Substance Use/Possession				3				3
Indeterminate/Unconfirmed Cause of Injury		5	7	11	5		6	34
Medication Error	1	1	1	5		1	6	15
Missing Property	3		2		1	2		8
Other	5	1	5	7	17	7	9	51
Procedural Treatment Error					1			1
Property Damage		3	6	3	1		2	15
Seizure		2					5	7
Self-Injurious behavior	1	1	15	10	6	5	22	60
Sexual Behavior				2	2		8	12
Smoking Violation				16	4	2	1	23
Substantiated Patient Abuse			1					1
Suicide Attempt					1			1
Suicide threat/plan		1		1	2	1	2	7
Theft			1	4		4	2	11
Unsubstantiated Patient Abuse			2	1			3	6
Totals	36	79	144	198	201	105	270	1033

Table 3 - Primary Effect of Incidents in the Civil Hospitals

Primary Effect	ALL	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	2	15	15	18	13	7	21	91
Allergic reaction				1				1
Asphyxiation							1	1
Bite-Human				1	1	1		3
Bite-Insect			1		1			2
Blister					1			1
Body System Illness		7		2	1		1	11
Bruise/contusion/discoloration	1	5	8	11	6	3	7	41
Burn/Scald				1	1		1	3
Cellulitis	1			1				2
Death		1					1	2
Edema/swelling		1	4	5	3	1	1	15
Emesis			1	1				2
Epistaxis		1	1	2	2			6
Erythema/redness	1	1	2	2	5		4	15
Fever			1	1			1	3
Fracture						1		1
Ingestion of foreign body				1			1	2
Laceration: NO sutures/staples/steri-strips	3	2	2	8	2	3	3	23
Laceration: with sutures/staples	1			2	2			5
Lethargy		1		1			1	3
No Injury/NA	23	37	105	121	149	81	206	722
Other		3		6	4	5	4	22
Pain unspecified				1				1
Pain, Specified	4	2	1	12	4	3	11	37
Puncture/stab wound					1			1
Respiratory Distress		2	2		2		5	11
Seizure					1		1	2
Skin Irritation/Rash			1					1
Unconscious/Unresponsive		1			2			3
Totals	36	79	144	198	201	105	270	1033

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		2
Adverse Drug Reaction			1								1
Aggression		4	4	3	2	3		5	1		22
Alleged Pt. Abuse	1		1								2
Assault, Pt./Pt	2		4	4	10	10		2	2		34
Assault, Pt./Staff	2			1	1					1	5
Change in Medical Status-Transferred				2	1						3
Communications Sys. Misuse									1		1
Contraband Possession					1						1
Fall Type 1-Injury with treatment	1		1	1					1		4
Fall Type 2-No treatment needed									1	1	2
Indeterminate/Unconfirmed Cause of Injury	1										1
Other					1				1		2
Seizure							1				1
Self-Injurious behavior						1		2	4	1	8
Suicide Attempt		1									1
Suicide threat/plan					1						1
Unknown				1							1
Unsubstantiated Patient Abuse						1					1
Totals	7	5	12	12	17	15	1	9	12	3	93

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

Primary Effect	NOR	TOR	Count
Abrasion/scrape/scratch/hematoma	6	1	7
Bruise/contusion/discoloration	2	2	4
Edema/swelling	4	1	5
Emesis	2		2
Erythema/redness	1		1
Ingestion of foreign body	1	1	2
Internal injury	1		1
Laceration: NO sutures/staples/steri-strips	3		3
No Injury/NA	43	19	62
Other	3		3
Pain, Specified	2	1	3
Totals	68	25	93

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	3	7	1		2	13
Adverse Drug Reaction		1				1
Aggression	3	3	3		2	11
Assault, Pt./Pt	2	16	3	2	3	26
Assault, Pt./Staff	1	1	3		1	6
Change in Medical Status-Stabilized		2		1	1	4
Change in Medical Status-Transferred		4		2	1	7
Fall Type 1-Injury with treatment	1	3	3			7
Fall Type 2-No treatment needed	3	6	2		1	12
Medication Error	3	2	3		1	9
Missing Property	3					3
Other	2	8	4	4	3	21
Property Damage			1	1	1	3
Self-Injurious behavior		2	1	2		5
Suicide threat/plan		1				1
Theft			2			2
Totals	21	56	26	12	16	131

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

Primary Effect	SMO	Count
Abrasion/scrape/scratch/hematoma	16	16
Allergic reaction	1	1
Body System Illness	4	4
Bruise/contusion/discoloration	8	8
Death	2	2
Epistaxis	3	3
Erythema/redness	1	1
Fracture	1	1
Laceration: NO sutures/staples/steri-strips	2	2
No Injury/NA	86	86
Other	1	1
Pain, Specified	4	4
Respiratory Distress	2	2
Totals	131	131

Act-21-Sexual Responsibility & Treatment Program at Torrance State Hospital

In August 2003, the Pennsylvania Legislature enacted Act 21 for adjudicated youth, aging out of the juvenile justice system who have a "mental abnormality" that renders them unable to control their violent sexual impulses. The Act mandates the state to provide mental health and sex-offense specific treatment to an identified population that had been adjudicated of certain sex crimes, received treatment in a juvenile program, yet remains a significant risk to sexually re-offend after reaching the age of 21, an age when oversight by the juvenile justice system typically ends. The Act requires the referral of such individuals who have committed these specific crimes to the Pennsylvania Sexual Offenders Assessment Board (SOAB) ninety days prior to their 20th birthday for purposes of determining if the individual has "serious difficulty in controlling sexually violent behavior." If so determined, a petition for a mental health hearing will be made for determination of civil commitment to the Sexual Responsibility and Treatment Program (SRTP) on the grounds of Torrance State Hospital. On July 1, 2006 the operation of this program transferred from an independent contractor to the Torrance State Hospital.

Table 8 - Cause of Incidents in the Sexual Responsibility and Treatment Program

Cause	TOR	Count
Accident-Injury	3	3
Aggression	1	1
Assault, Pt./Pt	2	2
Fall Type 1-Injury with treatment	1	1
Self-Injurious behavior	2	2
Totals	9	9

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

Primary Effect	TOR	Count
Abrasion/scrape/scratch/hematoma	3	3
Laceration: NO sutures/staples/steri-strips	1	1
No Injury/NA	3	3
Pain, Specified	2	2
Totals	9	9

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
Jan-10	Total Users	133	83	160	111	95	118	700	18	820
	% of Census	60%	48%	67%	54%	61%	55%	58%	13%	54%
Apr-10	Total Users	138	79	150	113	104	120	704	15	719
	% of Census	63%	47%	67%	55%	63%	54%	52%	11%	43%
Jul-10	Total Users	140	82	138	106	89	158	713	19	732
	% of Census	64%	46%	61%	52%	56%	60%	54%	14%	50%
Oct-10	Total Users	133	78	155	115	84	146	711	17	728
	% of Census	61%	45%	69%	57%	51%	54%	57%	13%	53%

Table 11 - Diabetes

M/Year	Civil Hospitals								Forensic Centers			A21	LTC	Sys
	All	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Oct 10 Patient Census	48	217	173	226	201	165	268	1298	132	69	201	28	132	1659
Count	17	35	32	59	46	37	65	291	11	7	18	0	53	362
% w/ Diabetes	35%	16%	18%	26%	23%	22%	24%	22%	8%	10%	9%	0%	40%	22%

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	ALL	CLA	DAN	NOR	SMO	TOR	WAR	WER	Count
Accident-Injury							1		1
Aggression				1					1
Airway Obstruction type 1 Intervention								1	1
Alleged Pt. Abuse				1					1
Change in Medical Status-Transferred	3	12	3	10	6	9	3	8	54
Fall Type 1-Injury with treatment		1	1		1		1		4
Fall Type 2-No treatment needed								1	1
Indeterminate/Unconfirmed Cause of Injury		1							1
Medication Error								1	1
Seizure		1				1		1	3
Self-Injurious behavior				1		1		1	3
Totals	3	15	4	13	7	11	5	13	71

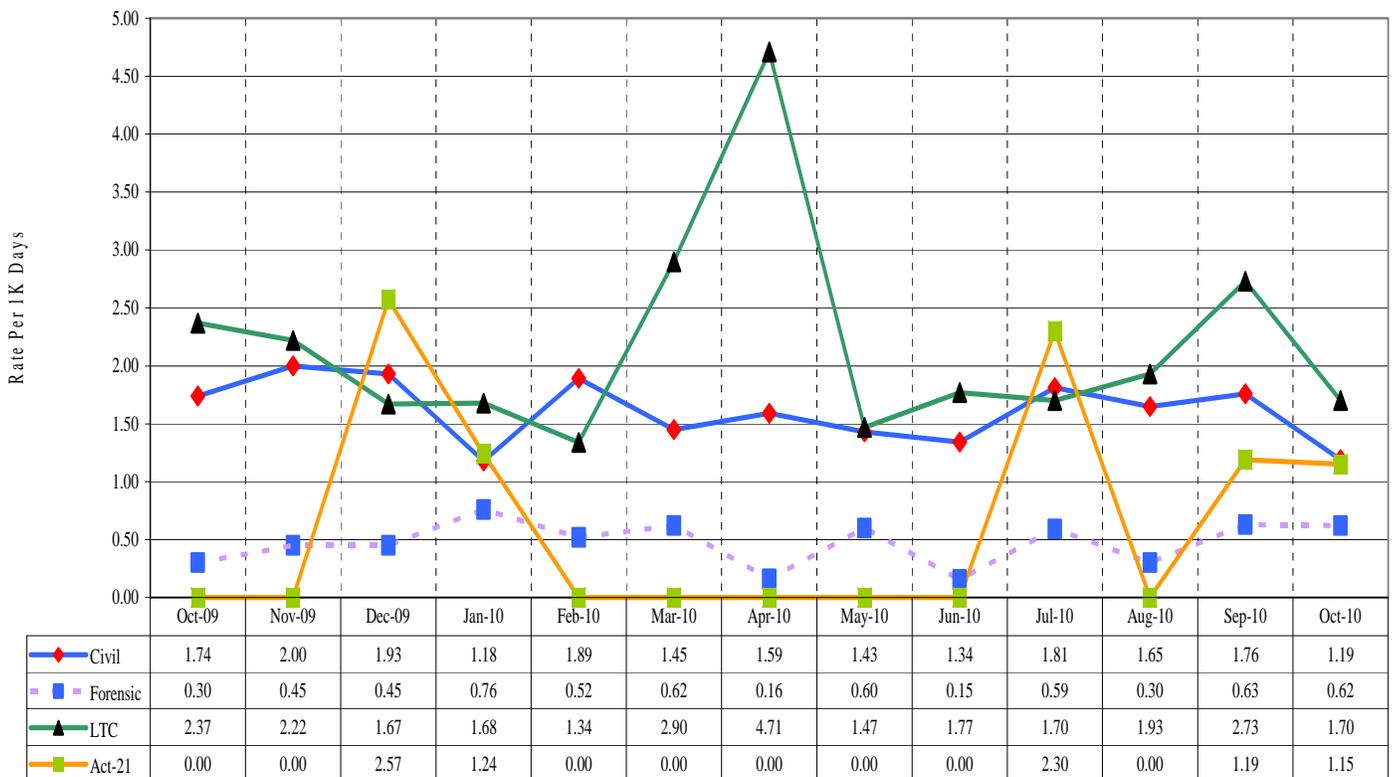
Falls

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	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	War	Total	A21	SMRC	
Oct-09	2.46	1.48	1.15	1.20	2.21	1.92	1.93	1.74	0.24	0.00	1.27	0.30	0.00	2.37	1.59
Nov-09	2.17	1.99	0.58	0.69	2.45	2.61	3.54	2.00	0.76	0.00	0.00	0.45	0.00	2.22	1.79
Dec-09	0.56	1.78	1.66	1.75	1.91	2.17	3.44	1.93	0.25	1.12	0.00	0.45	2.57	1.67	1.70
Jan-10	0.56	1.32	1.27	0.94	2.54	0.61	0.89	1.18	0.50	1.66	0.00	0.76	1.24	1.68	1.17
Feb-10	3.21	1.80	2.06	0.47	2.83	1.38	1.82	1.89	0.00	1.34	1.39	0.52	0.00	1.34	1.66
Mar-10	1.01	2.81	0.56	0.85	3.02	0.62	0.89	1.45	0.00	1.80	1.25	0.62	0.00	2.90	1.63
Apr-10	1.73	1.66	1.98	1.92	1.69	0.83	1.24	1.59	0.00	0.00	1.31	0.16	0.00	4.71	1.63
May-10	0.81	1.46	1.32	0.87	2.13	1.42	1.76	1.43	0.49	1.11	0.00	0.60	0.00	1.47	1.59
Jun-10	0.75	1.81	1.55	1.63	1.75	0.41	1.04	1.34	0.00	0.56	0.00	0.15	0.00	1.77	1.65
Jul-10	3.19	2.33	1.47	0.87	3.46	1.37	0.99	1.81	0.74	0.00	1.30	0.59	2.30	1.70	1.65
Aug-10	0.51	1.75	2.18	0.86	3.27	0.59	1.58	1.65	0.49	0.00	0.00	0.30	0.00	1.93	1.47
Sep-10	1.22	1.66	1.90	1.32	3.07	0.99	1.76	1.76	1.01	0.00	0.00	0.63	1.19	2.73	1.67
Oct-10	0.65	0.89	1.66	0.71	2.62	0.78	0.85	1.19	0.73	0.47	0.00	0.62	1.15	1.70	1.14

13-Month Trend of Type 1 Falls by Type of Care per 1,000 Days-of-Care



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	Nov_09	Dec_09	Jan_10	Feb_10	Mar_10	Apr_10	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10
NOR	0.50			0.50									
TOR	1.10				0.60			0.50					
WAR	2.55			2.00		0.05		0.50					

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

ABV	Total	Nov_09	Dec_09	Jan_10	Feb_10	Mar_10	Apr_10	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10
NOR	1	0	0	1	0	0	0	0	0	0	0	0	0
TOR	2	0	0	0	1	0	0	1	0	0	0	0	0
WAR	3	0	0	1	0	1	0	1	0	0	0	0	0

State Hospital Use of Mechanical Restraint

Civil and Forensic

Data on mechanical restraint use for psychiatric reasons includes the forensic and civil populations and is reported for both monthly and yearly totals.

Table 16 - Total Hours of Mechanical Restraint Use by Hospital and Unit In Month

ABV	WARD	Total Hrs
WER	37-2	0.40

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

ABV	Total	Nov_09	Dec_09	Jan_10	Feb_10	Mar_10	Apr_10	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10
CLA	1.88	0.50	0.73	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.25	0.00
NOR	34.97	6.25	3.98	5.50	8.53	1.47	0.00	1.08	5.00	1.75	0.92	0.48	0.00
WAR	1.08	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00
WER	11.75	0.93	3.08	0.00	0.25	1.42	2.00	1.92	0.00	0.75	1.00	0.00	0.40

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

ABV	Total	Nov_09	Dec_09	Jan_10	Feb_10	Mar_10	Apr_10	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10
CLA	4	1	1	0	0	0	0	0	1	0	0	1	0
NOR	33	6	6	6	7	2	0	2	1	1	1	1	0
WAR	3	1	0	0	0	0	0	0	0	2	0	0	0
WER	19	2	4	0	1	2	3	4	0	1	1	0	1

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	FB4	1.83	TOR	013	0.08
TOR	023	1.57	TOR	062	0.07
WER	37-2	0.78	TOR	021	0.06
DAN	210	0.78	CLA	4	0.04
DAN	312	0.75	NOR	51B1	0.03
WER	35-4	0.60	TOR	011	0.03
WER	34-4	0.51	NOR	51A1	0.03
TOR	014	0.45	NOR	10A1	0.02
DAN	212	0.38	CLA	7	0.02
ALL	M5	0.33	CLA	6	0.02
NOR	51C2	0.21	WER	34-3	0.01
NOR	10C1	0.18	CLA	2	0.01
NOR	51B2	0.12	DAN	310	0.01
CLA	3	0.10			

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

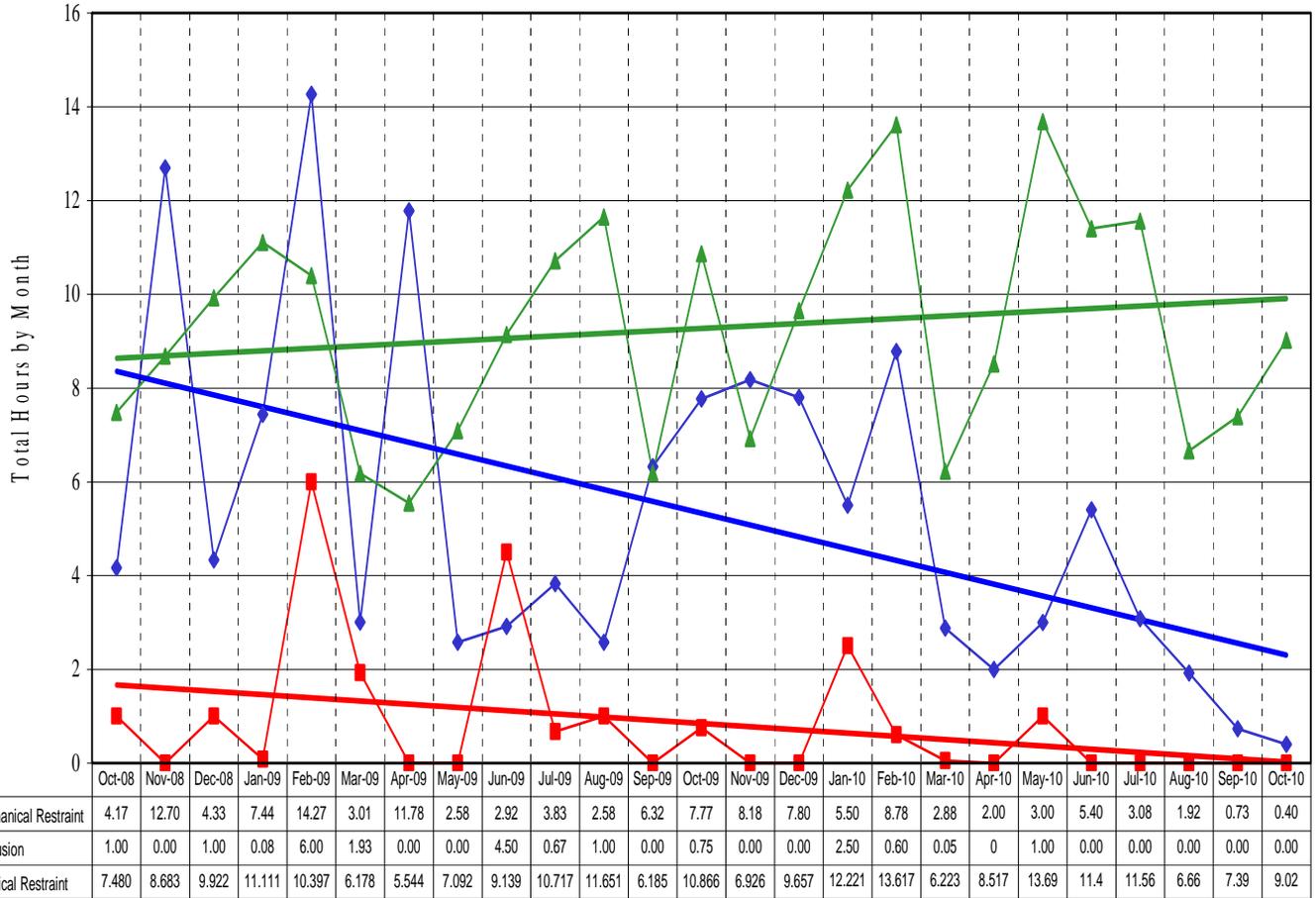
ABV	Total	Nov_09	Dec_09	Jan_10	Feb_10	Mar_10	Apr_10	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10
ALL	2.73	0.31	0.12	0.72	0.77	0.09	0.00	0.04	0.28	0.03	0.00	0.03	0.33
CLA	7.99	0.30	0.91	0.84	0.92	0.67	0.45	1.06	1.19	0.85	0.31	0.29	0.18
DAN	11.27	0.15	0.34	1.86	1.26	0.55	0.14	0.95	1.15	0.26	0.52	2.17	1.92
NOR	23.93	2.63	5.16	5.00	4.99	0.83	0.98	0.71	1.13	0.67	0.86	0.38	0.59
TOR	48.19	2.27	2.15	3.50	4.54	2.93	2.08	6.01	6.37	8.48	2.38	3.38	4.09
WAR	5.84	0.68	0.13	0.10	0.30	0.41	2.43	0.17	0.35	0.13	0.38	0.75	0.00
WER	17.86	0.58	1.01	0.20	0.84	1.22	2.43	4.85	1.02	1.14	2.26	0.42	1.91

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

ABV	Total	Nov_09	Dec_09	Jan_10	Feb_10	Mar_10	Apr_10	May_10	Jun_10	Jul_10	Aug_10	Sep_10	Oct_10
ALL	28	4	3	6	4	2	0	2	2	2	0	2	1
CLA	126	6	13	10	16	10	10	12	16	10	9	7	7
DAN	107	8	4	9	7	6	5	14	10	5	7	14	18
NOR	278	27	43	33	32	14	30	12	25	20	19	9	14
TOR	272	11	16	32	15	22	13	27	40	42	16	20	18
WAR	46	8	3	3	4	7	7	3	4	2	2	3	0
WER	196	9	21	8	14	21	20	23	15	9	24	14	18

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.



◆ Mechanical Restraint
 ■ Seclusion
 ▲ Physical Restraint
 — Linear (Mechanical Restraint)
 — Linear (Seclusion)
 — Linear (Physical Restraint)

Psychiatric Use of STAT Medications

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. 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

October-10	Civil								Forensic				S RTP	Sys.
Unscheduled Psych Meds	All	Cl a	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	War	Total	S RTP	Total
Number of Unique Patients	3	27	37	46	52	40	47	252	21	20	2	43	6	301
% of Census	6.3%	12.4%	21.4%	20.4%	25.9%	24.2%	17.5%	19.4%	15.9%	29.0%	*	21.4%	21.4%	19.7%
Number of Early Med Events	1	0	6	0	12	38	6	63	0	0	2	2	0	65
Number of STAT meds	3	57	121	109	172	164	148	774	33	63	6	102	15	891
Rate per 1Kdays	1.96	8.44	22.34	15.54	28.19	31.81	17.90	19.23	8.01	29.73	32.79	15.89	17.28	18.74

* No patient census on 10/31/2010

Table 23 - STAT Use of Multiple Medications for Psychiatric Indications – October 2010

Civil Section	CLA	DAN	NOR	TOR	WAR	WER	Total	Forensic Section	NOR	Total
Fluphenazine/Benztrapine				1			1	Haloperidol/Lorazepam	1	1
Haloperidol/Benadryl		1					1	Hydroxyzine/Chlorpromazine	1	1
Haloperidol/Benztrapine				1			1	Totals	2	2
Hydroxyzine/Risperidone						1	1			
Lorazepam/Chlorpromazine	2		1			8	11			
Lorazepam/Haloperidol	5	1	8	2		5	21			
Lorazepam/Olanzapine	2						2			
Lorazepam/Vistaril				1			1			
Lorazepam/Ziprasidone	3						3			
Three (3) or More Medications				1	1					
Totals	12	2	9	6	1	14	44			

S RTP	TOR	Total
Chlorpromazine/Olanzapine	1	1
Totals	1	1

Table 24 - Psychiatric Use of STAT Medication by Hospital & Unit for October 2010

ABV	UNIT	Count									
WAR	3SW	96	WER	35-3	18	CLA	6	10	CLA	5	4
TOR	014	54	NOR	10A2	18	CLA	3	10	WAR	2SW	4
TOR	023	52	TOR	022	18	WER	35-4	9	TOR	064	4
WER	34-4	41	NOR	01C1	17	TOR	011	9	NOR	51B2	4
WAR	3IM	35	WER	37-1	16	TOR	024	9	NOR	51B1	4
DAN	312	34	WAR	3NM	15	TOR	FC2	8	DAN	311	4
DAN	210	33	NOR	51C2	15	WER	35-2	7	TOR	012	3
TOR	FC1	28	WER	34-3	15	CLA	1	6	NOR	51C1	3
TOR	FB4	27	CLA	7	14	NOR	51A2	6	CLA	2	3
NOR	01A1	26	WER	37-3	12	NOR	10C1	6	WAR	2NM	2
DAN	212	23	NOR	10A1	11	NOR	09CF	6	ALL	M3	2
TOR	021	22	TOR	062	11	NOR	09AR	6	WAR	IBG	1
DAN	310	21	WER	34-2	11	WAR	FOR	6	NOR	51A1	1
NOR	09AF	19	WAR	IBE	11	DAN	211	6	ALL	M5	1
WER	37-2	19	CLA	4	10	TOR	013	5			

Table 25 - Route of STAT Medications for Psychiatric Reasons for Month

Civil									Forensic				S RTP
Route	ALL	CLA	DAN	NOR	TOR	WAR	WER	Cnt	NOR	TOR	WAR	Cnt	S RTP
IM	2	23	65	63	92	45	56	346	19	40	0	54	0
Oral	1	34	56	46	80	119	92	428	14	23	6	53	15
Totals	3	57	121	109	172	164	148	774	33	63	6	102	15

Table 26 Psychiatric Use of STAT Medications by Shift for Month

Civil								
ABV	D	E	N	Count				
ALL	2	1	0	3	Forensic			
CLA	28	23	6	57	D	E	N	Count
DAN	52	60	9	121	15	17	1	33
NOR	73	35	1	109	21	35	7	63
TOR	39	121	12	172	2	0	4	6
WAR	26	99	39	164	S RTP			
WER	61	71	16	148	4	11	0	15
Totals	281	410	83	774				

Table 27 - Psychiatric Use of STAT Medications per 1,000 Days-of-Care

Civil										Forensic					S RTP
Month	All	Cla	Dan	Nor	Tor	War	Wer	Ave.	Std Dev	Nor	Tor	War	Ave.	Std Dev	S RTP
Oct-09	11.76	14.23	40.47	20.65	43.53	25.19	22.81	25.52	12.22	13.64	7.99	35.58	19.07	14.57	23.55
Nov-09	15.21	13.47	28.79	23.52	25.98	37.99	20.14	23.59	8.41	10.36	9.51	25.30	15.06	8.88	21.80
Dec-09	8.79	13.95	24.02	29.67	34.07	23.88	27.06	23.06	8.84	18.36	15.70	51.98	28.68	20.22	30.85
Jan-10	13.67	10.15	20.94	36.72	40.68	23.07	12.49	22.53	12.02	14.25	34.31	39.70	29.42	13.41	74.63
Feb-10	6.21	13.38	27.13	30.29	40.98	30.25	21.83	24.30	11.62	14.84	6.04	33.24	18.04	13.88	23.72
Mar-10	6.87	14.64	21.20	27.79	42.42	32.27	24.54	24.25	11.62	17.33	16.79	40.05	24.72	13.28	57.71
Apr-10	5.63	10.88	19.20	23.79	25.71	27.26	17.79	18.61	7.97	17.64	24.29	40.74	27.56	11.89	19.36
May-10	8.66	13.83	26.27	20.19	27.31	38.39	20.89	22.22	9.69	11.32	35.58	65.53	37.48	27.15	22.16
Jun-10	4.49	16.16	20.49	26.00	25.07	28.17	17.85	19.75	8.04	11.38	48.60	48.42	36.13	21.44	22.16
Jul-10	6.77	16.00	17.28	20.45	39.27	48.60	8.90	22.47	15.64	15.27	41.54	27.20	28.00	13.15	22.64
Aug-10	6.16	15.48	17.05	14.81	30.24	49.94	14.61	21.18	14.54	19.01	39.20	36.71	31.64	11.01	22.01
Sep-10	7.29	11.17	17.70	14.11	31.92	52.07	11.43	20.81	15.91	15.93	30.19	16.74	20.95	8.01	20.92
Oct-10	1.96	8.44	22.34	15.44	28.19	31.81	17.90	18.01	10.56	8.01	29.73	32.79	23.51	13.51	18.74

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				S RTP	Sys
	All	Cl a	D an	N or	T or	W ar	W er	Total	N or	T or	W ar	C nt	T or	Total
Jan-10	144	141	99	117	78	97	96	772	30	16	17	63	3	838
Apr-10	132	147	99	115	104	84	98	779	37	15	18	70	3	852
Jul-10	90	152	96	122	87	86	171	804	34	17	12	63	3	870
Oct-10	79	151	93	129	94	93	160	799	28	22	0	50	3	852

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				S RTP	Sys
	All	Cl a	D an	N or	T or	W ar	W er	Total	N or	T or	W ar	C nt	T or	Total
Jan-10	2	19	35	15	51	53	49	224	5	2	2	9	0	233
Apr-10	*	16	37	14	51	51	46	215	4	3	3	10	0	225
Jul-10	*	15	37	12	51	43	54	212	7	8	4	19	0	231
Oct-10	*	24	31	14	48	48	50	215	7	7	0	14	0	229

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				S RTP	Sys
	All	Cl a	D an	N or	T or	W ar	W er	Total	N or	T or	W ar	C nt	T or	Total
Dec-09	57	68	50	105	39	40	73	432	28	18	3	49	0	481
Apr-10	*	51	56	100	41	39	85	372	27	22	3	52	0	424
Jul-10	*	58	56	115	47	43	96	415	20	26	3	49	0	464
Oct-10	*	54	58	120	44	39	105	420	28	23	0	51	0	471

* Denotes non-reported information

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

ABV	WARD	Cnt									
TOR	022	21	WER	37-2	8	NOR	51B1	4	TOR	FC1	2
WER	34-2	18	CLA	7	8	WER	37-1	4	SMO	6A	2
SMO	3B	16	NOR	10A2	6	DAN	312	4	TOR	062	2
NOR	01C1	13	NOR	10C1	6	ALL	M5	3	SMO	3A	2
DAN	212	11	NOR	09AF	6	ALL	M3	3	TOR	013	2
NOR	51C1	10	NOR	01A1	6	SMO	5A	3	TOR	012	2
NOR	51C2	10	TOR	024	6	SMO	6B	3	WER	37-3	2
NOR	09CF	10	DAN	210	6	TOR	014	3	NOR	51A1	2
NOR	10A1	10	WER	34-3	5	TOR	021	2	TOR	FB4	2
WAR	3SW	9	NOR	51B2	4	WER	35-4	2	WAR	2NM	1
WAR	3NM	9	NOR	09AR	4	WAR	IBE	2	WAR	2SW	1
TOR	023	9	TOR	011	4	CLA	3	2			
CLA	2	9	DAN	311	4	CLA	5	2			
DAN	310	8	WER	35-3	4	WAR	3IM	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				S RTP
	All	Cl a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	War	Tot.	S RTP
Oct-09	2.09	0.89	1.34	2.40	2.80	1.54	1.18	1.77	3.90	0.00	2.54	2.66	2.69
Nov-09	1.78	1.22	2.72	2.08	1.14	1.61	1.38	1.68	1.52	0.53	0.00	1.06	1.36
Dec-09	1.12	0.89	1.66	3.22	1.91	1.58	0.90	1.65	3.46	0.56	1.24	2.41	0.00
Jan-10	3.00	1.18	2.18	3.22	0.48	0.61	1.19	1.72	1.25	0.00	1.24	0.91	1.24
Feb-10	1.50	0.82	0.62	1.58	1.77	1.60	0.99	1.26	2.85	0.67	0.00	1.92	0.00
Mar-10	2.42	1.18	0.74	2.40	3.50	0.41	1.34	1.76	2.67	0.60	0.00	1.86	0.00
Apr-10	2.38	1.36	0.59	2.07	2.03	0.83	1.08	1.49	2.04	1.25	3.94	2.07	0.00
May-10	1.36	1.02	1.13	2.32	2.29	1.22	1.76	1.63	1.23	0.00	0.00	0.75	0.00
Jun-10	1.12	0.91	1.16	2.53	1.23	1.02	1.04	1.32	2.02	0.56	1.29	1.53	0.00
Jul-10	1.99	1.60	0.37	2.32	2.14	0.98	0.99	1.46	3.94	1.00	1.30	2.78	0.00
Aug-10	2.05	0.44	0.73	2.88	2.13	0.59	0.97	1.35	2.72	1.03	1.47	2.10	1.32
Sep-10	1.22	1.81	1.71	1.47	1.37	0.79	2.14	1.58	2.78	2.56	0.00	2.51	0.00
Oct-10	0.00	1.18	0.92	3.56	1.31	1.16	0.60	1.42	2.43	0.94	0.00	1.87	1.15

Table 33 - Patient-to-Staff Assault Events by Unit, All Levels of Care

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
DAN	312	7	NOR	51A1	2	NOR	51B2	1
WER	37-2	6	WAR	3IM	2	NOR	51C1	1
TOR	023	5	NOR	10A1	2	CLA	3	1
DAN	212	5	DAN	210	2	SMO	3B	1
WER	37-3	4	WER	35-4	2	SMO	6B	1
NOR	09AF	3	TOR	022	2	TOR	011	1
TOR	021	3	NOR	09AR	1	TOR	013	1
TOR	024	3	NOR	01A1	1	TOR	FC2	1
SMO	5A	3	DAN	311	1	WAR	2NM	1
WAR	3SW	3	CLA	7	1	WAR	3NM	1
WER	34-4	3	DAN	211	1	WER	35-2	1
WER	35-3	3	CLA	4	1	SMO	3A	1
DAN	310	2	NOR	09CF	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				S RTP
	All	Cl a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	War	Tot.	S RTP
Sep-09	1.76	0.00	0.20	0.55	0.49	0.60	1.08	0.65	0.25	0.00	0.00	0.15	2.78
Oct-09	1.33	0.44	0.95	0.53	0.63	0.77	0.30	0.67	0.24	0.53	0.00	0.30	1.34
Nov-09	0.79	0.15	1.56	0.14	0.49	0.40	1.08	0.63	0.25	0.00	0.00	0.15	0.00
Dec-09	1.31	0.30	1.48	0.81	0.77	0.20	0.60	0.76	1.73	0.00	0.00	1.05	0.00
Jan-10	2.62	1.03	0.55	2.81	1.75	1.01	0.74	1.53	3.50	3.32	1.24	3.18	3.73
Feb-10	0.43	1.14	0.41	0.79	0.53	0.00	0.66	0.60	1.43	0.00	0.00	0.87	0.58
Mar-10	0.81	0.44	0.56	0.28	0.48	0.41	2.23	0.76	0.50	0.00	0.00	0.31	0.00
Apr-10	1.73	0.76	0.40	0.30	0.68	0.00	0.62	0.62	0.51	0.62	0.00	0.48	1.23
May-10	0.81	0.00	0.94	0.00	0.00	0.00	1.09	0.40	0.00	1.67	0.00	0.45	3.57
Jun-10	0.37	0.15	0.19	1.19	0.35	0.00	2.35	0.79	0.51	1.11	0.00	0.61	1.19
Jul-10	0.00	0.44	0.37	0.73	0.16	1.18	0.99	0.61	0.25	0.00	0.00	0.15	1.15
Aug-10	0.51	0.00	0.91	0.29	0.33	0.99	0.97	0.57	0.99	0.00	0.00	0.60	1.15
Sep-10	0.00	0.30	0.57	0.15	0.68	0.40	1.13	0.54	0.51	0.00	0.00	0.31	1.19
Oct-10	1.31	0.00	0.92	0.86	0.66	0.00	1.09	0.65	0.49	0.47	0.00	0.47	0.00