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DEPARTMENT OF PUBLIC WELFARE

OFFICE OF MENTAL HEALTH AND
SUBSTANCE ABUSE SERVICES

State Hospital Risk Management Summary Report For July 2011

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Introduction

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

The data dictionary for the measurement system was updated on October 1, 2008, and is available for review as attachments to OMHSAS Bulletin titled Management of Incidents: SI-815 Incident Reporting and Risk Management Policy and Procedural Change. (Available via bulletin search at <http://www.dpw.state.pa.us> .)

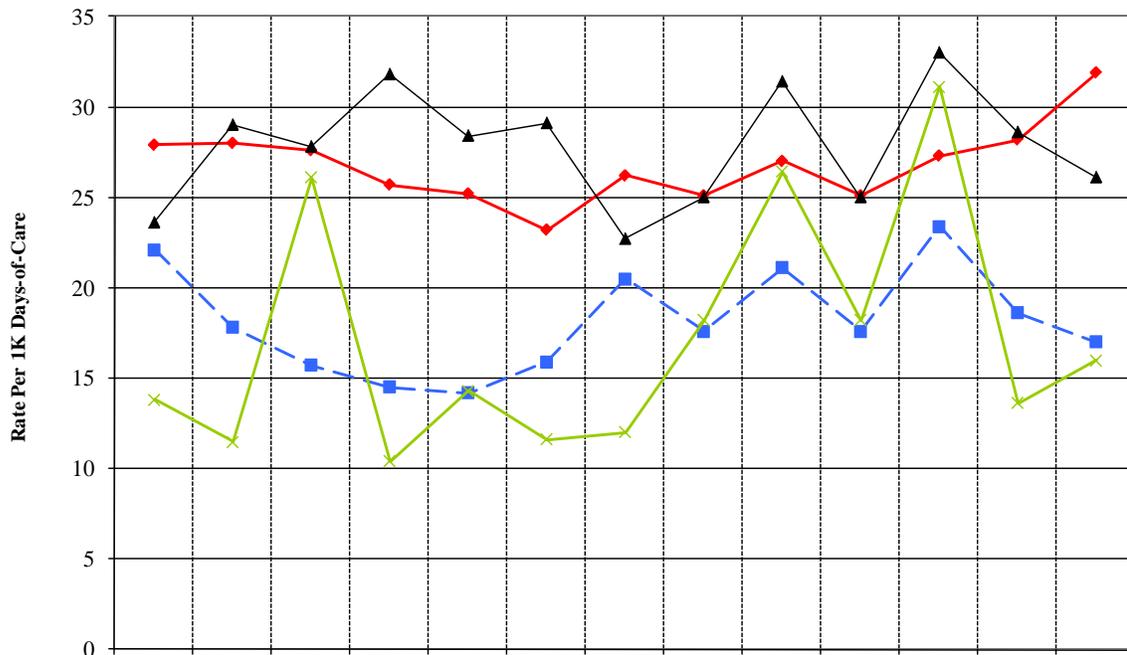
<i>Table of Contents</i>		
<i>Indicator/Measure</i>	<i>Table</i>	<i>Page</i>
<i>Census and Rates of Incidents</i>	1	3
<i>Thirteen-Month Trend of Incidents</i>		3
<i>Six-Month Summary of Selected Events</i>		4
<i>Category or Cause of Incidents: Civil</i>	2	5
<i>Primary Effect of Incidents: Civil</i>	3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

During **July** a total of 1446 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 7/31/11	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	221	6842	145	21.2
Danville	160	5047	166	32.9
Norristown	220	6688	197	29.5
Torrance	206	6129	207	33.8
Warren	166	5142	150	29.2
Wernersville	267	8212	350	42.6
Total Civil	1240	38060	1215	31.9
Forensic				
Norristown	134	4088	59	14.4
Torrance	74	2366	51	21.6
Total Forensic	208	6454	110	17.0
Act 21				
Act 21	27	810	13	16.0
Total Act 21	27	810	13	16.0
Long Term Care				
South Mountain	133	4134	108	26.1
Total L. T. C.	133	4134	108	26.1
Total	1608	49458	1446	29.2

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



	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11
—◆— Civil	27.9	28	27.6	25.7	25.2	23.2	26.2	25.1	27.0	25.1	27.3	28.2	31.9
- - -■- Forensic	22.1	17.8	15.7	14.5	14.2	15.9	20.5	17.6	21.1	17.6	23.4	18.6	17.0
—▲— Long Term Care	23.6	29	27.8	31.8	28.4	29.1	22.7	25.0	31.4	25.0	33.0	28.6	26.1
- - -×- Act 21	13.8	11.5	26.1	10.4	14.3	11.6	12.0	18.2	26.4	18.2	31.1	13.6	16.0

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

***Note:** Rules regarding the reporting of incidents involving patient-to-patient assaults require a separate incident report form on each person involved in an altercation. This includes both the aggressor, when known and any other person involved. The numbers reported above reflect the monthly, total number of SI-815 reports coded as Patient-to-Patient Assaults and not the actual number of altercations.

This table is updated/refreshed each month from the most recent data (six month period) available from the State Hospital System RM database.

CATEGORY	Count	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
Accident-Injury	268	44	47	36	37	47	57
Adverse Drug Reaction	34	2	7	4	6	4	11
Aggression	978	126	201	180	165	156	150
Aggression Type 2/Early Medication Order	1		1				
Airway Obstruction type 1 Intervention	16	1	2	4	4	3	2
Airway Obstruction type 2 No Intervention	13	4	2	2	2	1	2
Alcohol Use/Possession/Suspected or Confirmed	1				1		
Alleged Nonconsensual Sexual Activity	14	4	1	4	2	1	2
Alleged Pt. Abuse	47	10	16	3	8	4	6
Assault, Pt./Pt	1826	227	314	274	356	311	344
Assault, Pt./Staff	559	78	100	87	92	91	111
AWOL/UA	96	18	12	13	21	14	18
AWOL-Attempt	38	6	8	1	6	9	8
AWOL-Late	80	7	12	13	14	11	23
Change in Medical Status-Stabilized	101	14	12	15	21	18	21
Change in Medical Status-Transferred	395	64	69	65	60	76	61
Charged post admit/crime committed prior to admit	4	1	1	1	1		
Charged with alleged crime on hospital grounds	9		3	1	2	2	1
Communications Sys. Misuse	20	5	2	1	4	7	1
Community Incident	36	5	4	6	5	13	3
Contraband Possession	89	7	16	19	21	15	11
Fall Type 1-Injury with treatment	441	59	75	83	68	67	89
Fall Type 2-No treatment needed	624	86	109	107	104	120	98
Family Concern	31	3	3	6	4	7	8
Illicit Substance Use/Possession	5	3		1	1		
Medication Error	193	38	32	30	26	39	28
Missing Property	82	10	17	13	12	12	18
Other	535	83	73	96	79	81	123
Procedural Treatment Error	43	5	5	8	9	8	8
Property Damage	84	12	12	15	9	16	20
Seizure	35	6	7	6	5	7	4
Self-Injurious behavior	678	101	98	104	127	109	139
Sexual Behavior	127	31	18	11	24	17	26
Smoking Violation	112	16	14	25	19	22	16
Substantiated Nonconsensual Sexual Activity	2	2					
Substantiated Patient Abuse	12	1	3	3	1	3	1
Suicide Attempt	13	1		1	6	2	3
Suicide threat/plan	65	11	15	13	9	7	10
Theft	69	5	11	10	15	11	17
Unsubstantiated Nonconsensual Sexual Activity	9		6				3
Unsubstantiated Patient Abuse	23	4	4	8	1	2	4

Cause and Effect of Incidents in the Civil Hospitals

Table 2 reflects the actual number of incidents by category or cause and facility for people served in the civil hospitals only. Table 3 reflects these same numbers but by incident effect.

Table 2 - Category or Cause of Incidents in the Civil Hospitals

Primary Cat #	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	7	9	1	6	7	3	33
Adverse Drug Reaction		2		1	2	5	10
Aggression	8	16	16	30	17	36	123
Airway Obstruction type 1 Intervention	1					1	2
Airway Obstruction type 2 No Intervention		1				1	2
Alleged Nonconsensual Sexual Activity			2				2
Alleged Pt. Abuse			2	1	1		4
Assault, Pt./Pt	37	45	75	37	20	76	290
Assault, Pt./Staff	18	16	10	15	9	28	96
Assault: Patient/Other				1		1	2
AWOL/UA	3		2	4	2	7	18
AWOL-Attempt			4	1		3	8
AWOL-Late		3	2	2	9	5	21
Change in Medical Status-Stabilized	1		7	1		2	11
Change in Medical Status-Transferred	2	5	14	8		6	35
Charged with alleged crime on hospital grounds		1					1
Communications Sys. Misuse		1					1
Community Incident	1	2					3
Contraband Possession	3	1	3	1	3		11
Fall Type 1-Injury with treatment	9	5	16	10	6	23	69
Fall Type 2-No treatment needed	14	10	9	16	13	17	79
Family Concern				2		6	8
Indeterminate/Unconfirmed Cause of Injury	6	7	7	6	1	3	30
Medication Error	2	2	2	4	4	7	21
Missing Property	2	2		1	3	8	16
Other	19	5	5	28	15	26	98
Procedural Treatment Error	4	1				3	8
Property Damage		3	5	2	2	3	15
Seizure					1	3	4
Self-Injurious behavior	8	20	4	11	31	48	122
Sexual Behavior		2	4	5	2	11	24
Smoking Violation			5	10			15
Substantiated Patient Abuse						1	1
Suicide Attempt		1				1	2
Suicide threat/plan		3	2	1		2	8
Theft		2			2	13	17
Unsubstantiated Nonconsensual Sexual Activity				3			3
Unsubstantiated Patient Abuse		1				1	2
Totals	145	166	197	207	150	350	1215

Table 3 - Primary Effect of Incidents in the Civil Hospitals

Primary effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	19	26	21	13	20	18	117
Allergic reaction					2		2
Bite-Human		1	2				3
Bite-Insect	3		3	6			12
Blister		1		1		1	3
Body System Illness	1	3	2			1	7
Bruise/contusion/discoloration	6	7	5	5	7	10	40
Burn/Scald		2		1			3
Cellulitis			2				2
Death		1	1	1			3
Edema/swelling	2	3	2	1	2	1	11
Emesis		1	1				2
Epistaxis				2		1	3
Erythema/redness			1	5	1	7	14
Fracture	1						1
Ingestion of foreign body	2	1		1		11	15
Laceration: NO sutures/staples/steri-strips	1	1	4	5		7	18
Laceration: with steristrips/glue	1	1					2
Laceration: with sutures/staples	1		2				3
Lethargy			1	1		1	3
Muscle pull/strain/sprain		1					1
No Injury/NA	104	112	126	144	110	253	849
Other		4	5	4	2	10	25
Pain unspecified					1		1
Pain, Specified	2	1	10	15	1	23	52
Respiratory Distress	1		4	1		1	7
Seizure			1		1	3	5
Skin Irritation/Rash					2	1	3
Sunburn	1						1
Syncopal episode			1	1		1	3
Unconscious/Unresponsive			3		1		4
Totals	145	166	197	207	150	350	1215

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
Aggression	1		4	3	2		2	4	2	2	20
Alleged Pt. Abuse	1										1
Assault, Pt./Pt	6		2	5	4	8	2	4	1	1	33
Assault, Pt./Staff	3		1				1	5			10
Change in Medical Status-Stabilized	2			2		1			1		6
Change in Medical Status-Transferred	2		2		1	1	2			2	10
Fall Type 1-Injury with treatment	1		1	1							3
Fall Type 2-No treatment needed	1										1
Indeterminate/Unconfirmed Cause of Injury		1									1
Medication Error	1										1
Missing Property								1			1
Other							1	3	1		5
Self-Injurious behavior								11		1	12
Sexual Behavior							1				1
Suicide Attempt		1									1
Suicide threat/plan							1		1		2
Totals	18	3	10	11	7	10	11	28	6	6	110

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

EFFECT	51A1	51A2	51B1	51C1	51C2	51B2	FB3	FB4	FC1	FC2	Count
Abrasion/scrape/scratch/hematoma	1	2			2	1	1	4		1	12
Allergic reaction						2					2
Bite-Human								3			3
Bite-Insect					1						1
Body System Illness	2		2	1	1						6
Bruise/contusion/discoloration					1			2			3
Edema/swelling				1	1						2
Emesis									1		1
Erythema/redness	1		1								2
Ingestion of foreign body										1	1
Laceration: NO sutures/staples/steri-strips	2			1	1						4
Laceration: with steristrips/glue							1				1
No Injury/NA	9	1	6	4	3	7	6	18	5	2	61
Other	1							1			2
Pain unspecified							1				1
Pain, Specified	2		1			1	2				6
Seizure										2	2
Totals	18	3	10	7	10	11	11	28	6	6	110

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	1	8	4	1	3	17
Adverse Drug Reaction			1			1
Aggression			1	1		2
Assault, Pt./Pt	2	2	2		6	12
Assault, Pt./Staff		1	2		1	4
Change in Medical Status-Stabilized		1		1	1	3
Change in Medical Status-Transferred	4		1	2	2	9
Fall Type 1-Injury with treatment	3	1	3	4	1	12
Fall Type 2-No treatment needed	6	1	1	1	2	11
Medication Error	2			4		6
Missing Property			1			1
Near Fall	1					1
Other	1	3	7	3	2	16
Property Damage		5				5
Self-Injurious behavior	1	1	2	1		5
Smoking Violation			1			1
Unsubstantiated Patient Abuse					2	2
Totals	21	23	26	18	20	108

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	3	8	3	5	2	21
Allergic reaction			1			1
Bite-Insect	1					1
Blister		1			1	2
Bruise/contusion/discoloration	1	4	4	2	2	13
Cellulitis					1	1
Death					2	2
Edema/swelling			1			1
Emesis	1					1
Fever			1			1
Fracture			1			1
Laceration: NO sutures/staples/steri-strips		1				1
Laceration: with steristrips/glue				2		2
Lethargy					1	1
No Injury/NA	10	8	13	7	9	47
Other	2	1	1	1		5
Pain, Specified	2		1		2	5
Respiratory Distress	1			1		2
Totals	21	23	26	18	20	108

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	2	2
Assault, Pt./Pt	3	3
Change in Medical Status-Stabilized	1	1
Change in Medical Status-Transferred	2	2
Indeterminate/Unconfirmed Cause of Injury	1	1
Other	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	1	1
Allergic reaction	1	1
Bruise/contusion/discoloration	1	1
Edema/swelling	1	1
Epistaxis	1	1
No Injury/NA	6	6
Other	2	2
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).

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
Oct-10	Total Users	133	78	155	115	84	146	711	17	728
	% of Census	61%	45%	69%	57%	51%	54%	57%	13%	53%
Jan-11	Total Users	128	78	140	96	85	146	673	18	691
	Census	59%	45%	64%	47%	52%	54%	54%	14%	50%
Apr-11	Total Users	130	72	135	108	83	150	678	19	697
	% of Census	59%	43%	63%	52%	49%	55%	54%	14%	43%
Jul-11	Total Users	127	68	138	118	82	146	679	20	699
	% of Census	58%	43%	64%	50%	49%	55%	54%	14%	43%

Table 11 - Diabetes

Jul-11	Civil Hospitals							Forensic Centers			A21	LTC	Sys
	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Patient Census	221	160	220	206	166	267	1240	134	74	208	27	133	1608
Count	32	28	56	40	30	60	246	9	6	15	0	43	304
% w/ Diabetes	14%	18%	25%	19%	18%	22%	20%	7%	8%	7%	0%	32%	19%

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

The Risk Management System requires that an incident report form be completed anytime a person is transported from a state hospital to an acute care hospital. This includes if the person was only seen in the emergency room, received diagnostic tests and/or was actually admitted. It does **not** include hospitalizations for a preplanned procedure, test or surgery. Table 12 provides detail on the reasons for an acute care hospitalization during this report period.

Cause	CLA	DAN	NOR	SMO	TOR	WAR	WER	Count
Adverse Drug Reaction							1	1
Assault, Pt./Pt	1		3					4
Change in Medical Status-Stabilized					2			2
Change in Medical Status-Transferred	2	3	20	3	14	4	4	50
Fall Type 1-Injury with treatment	1		3	2	2	1	1	10
Fall Type 2-No treatment needed			1					1
Indeterminate/Unconfirmed Cause of Injury			1			1		2
Other							1	1
Seizure						1		1
Self-Injurious behavior		1					6	7
Suicide Attempt		1						1
Totals	4	5	28	5	18	7	13	80

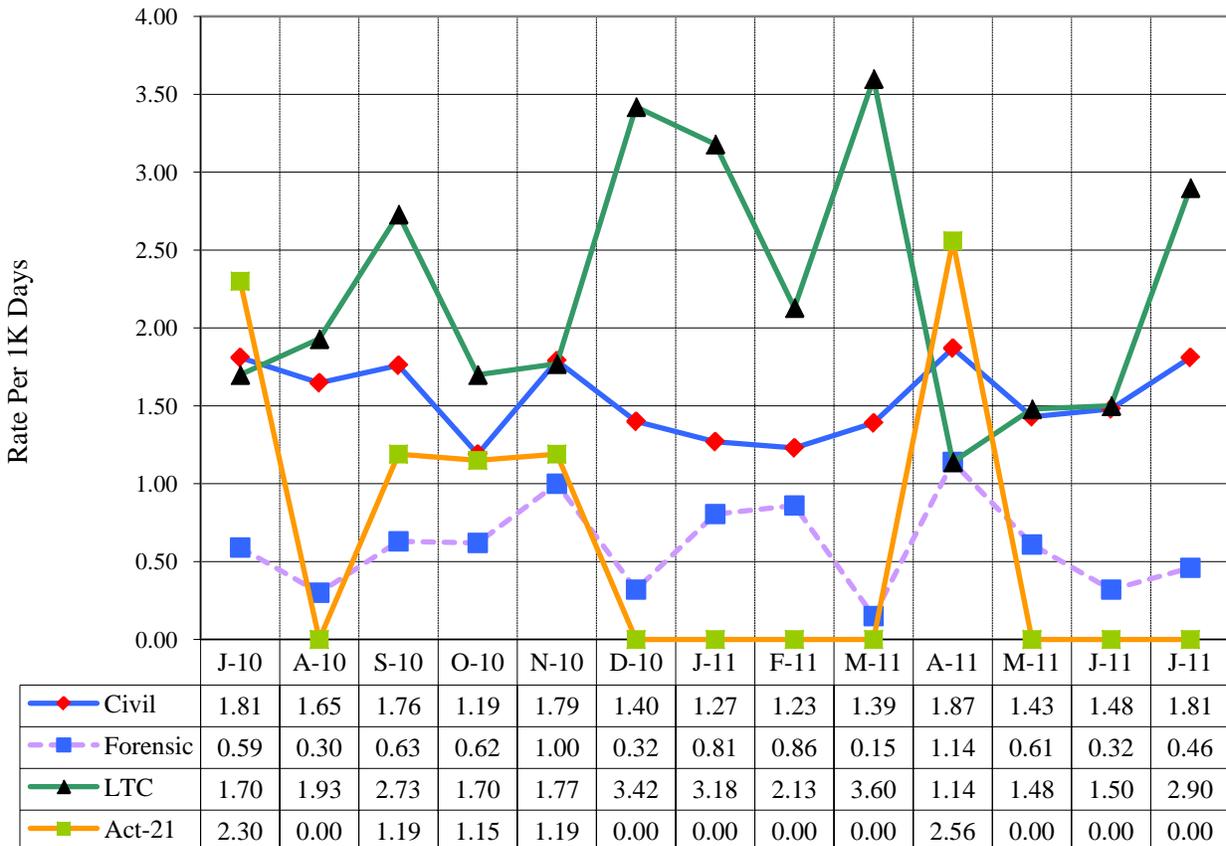
Falls

Falls within the state hospital risk management system are divided into two categories, type 1 and type 2, with the need for medical intervention or lack thereof defining the difference. The following data relates to falls, type 1 which are defined as an involuntary descent to a lower position, excluding seizures, that is witnessed or reported and requires medical intervention.

Table 13 - 13-Month Rate of Type 1 Falls Per 1,000 Days-of-Care

M/Year	Civil Hospital							Forensic Center			A21	LTC	Sys Avg
	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Jul-10	2.33	1.47	0.87	3.46	1.37	0.99	1.81	0.74	0.00	0.59	2.30	1.70	1.65
Aug-10	1.75	2.18	0.86	3.27	0.59	1.58	1.65	0.49	0.00	0.30	0.00	1.93	1.47
Sep-10	1.66	1.90	1.32	3.07	0.99	1.76	1.76	1.01	0.00	0.63	1.19	2.73	1.67
Oct-10	0.89	1.66	0.71	2.62	0.78	0.85	1.19	0.73	0.47	0.62	1.15	1.70	1.14
Nov-10	0.91	1.72	2.21	2.21	0.78	2.61	1.79	1.54	0.00	1.00	1.19	1.77	1.66
Dec-10	1.18	1.29	0.88	2.15	1.39	1.56	1.40	0.49	0.00	0.32	0.00	3.42	1.41
Jan-11	1.62	1.28	0.72	1.32	1.18	1.45	1.27	0.74	0.93	0.81	0.00	3.18	1.35
Feb-11	1.79	0.41	1.28	1.62	0.86	1.19	1.23	0.27	1.88	0.86	0.00	2.13	1.24
Mar-11	0.89	0.74	1.90	1.13	1.36	2.02	1.39	0.24	0.00	0.15	0.00	3.60	1.39
Apr-11	1.36	0.97	1.85	2.37	0.98	3.06	1.87	0.78	1.74	1.14	2.56	1.14	1.65
May-11	1.90	1.34	1.50	1.30	0.76	1.54	1.43	0.49	0.81	0.61	0.00	1.48	1.30
Jun-11	1.82	1.57	1.08	0.33	1.41	2.35	1.48	0.26	0.41	0.32	0.00	1.50	1.30
Jul-11	1.32	0.99	2.39	1.63	1.17	2.80	1.81	0.73	0.00	0.46	0.00	2.90	1.70

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



State Hospital Use of Seclusion

Civil and Forensic

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

Table 14 - Hours of Seclusion Use, Monthly Totals for Past Year

ABV	Total	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
WAR	3.00											1.00	2.00

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

ABV	Total	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
WAR	2	0	0	0	0	0	0	0	0	0	0	1	1

State Hospital Use of Mechanical Restraint

Civil and Forensic

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

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

ABV	WARD	Total Hrs
WER	34-4	1.75
WER	35-3	0.50

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

ABV	Total	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
CLA	1.58	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00
NOR	7.03	0.92	0.48	0.00	2.22	0.00	0.42	1.00	0.83	0.75	0.00	0.42	0.00
WAR	0.20	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WER	23.75	1.00	0.00	0.40	0.00	0.00	8.43	2.50	1.50	3.17	0.98	3.52	2.25

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

ABV	Total	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
CLA	2	0	1	0	0	0	0	0	0	0	0	1	0
NOR	10	1	1	0	3	0	1	1	1	1	0	1	0
WAR	1	0	0	0	1	0	0	0	0	0	0	0	0
WER	24	1	0	1	0	0	8	2	2	4	1	3	2

State Hospital Use of Physical Restraint

Civil and Forensic

Data on physical restraint use for psychiatric reasons includes the civil and forensic populations and is reported for both monthly and yearly totals. Physical restraint events lasting less than 60 seconds are reflected as 0.00 hours.

Table 19 - Hours of Physical Restraint Use by Hospital & Unit

ABV	WARD	Total	ABV	WARD	Total
DAN	312	1.95	WER	37-3	0.08
TOR	FB4	1.25	TOR	011	0.08
CLA	3	1.03	WAR	3SW	0.08
TOR	024	0.48	WER	34-2	0.08
TOR	062	0.40	TOR	013	0.05
CLA	6	0.25	WAR	2NM	0.05
TOR	FC2	0.25	WER	37-1	0.03
WER	34-4	0.21	DAN	310	0.03
WER	35-3	0.19	TOR	022	0.03
TOR	FB3	0.18	NOR	51A1	0.03
TOR	023	0.17	DAN	212	0.03
WAR	3NM	0.17	CLA	2	0.01
WAR	3IM	0.15	NOR	10A1	0.01
NOR	01C1	0.15			
CLA	7	0.12			

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

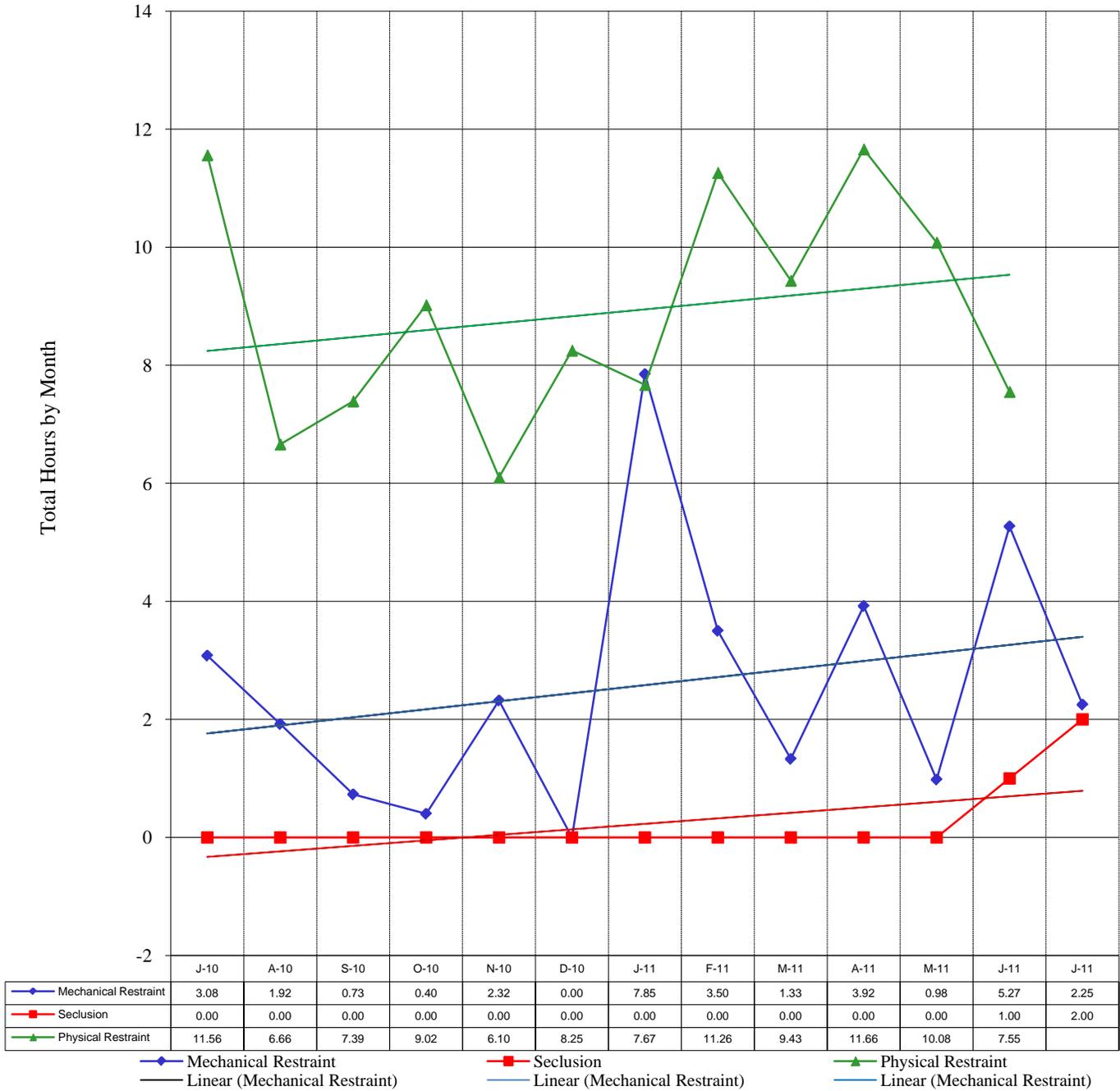
ABV	Total	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
CLA	10.89	0.31	0.29	0.18	0.62	1.44	0.36	0.19	1.25	2.92	1.05	0.88	1.40
DAN	22.06	0.52	2.17	1.92	0.94	2.35	1.56	2.06	4.96	1.73	0.39	1.44	2.01
NOR	5.99	0.86	0.38	0.59	0.85	0.48	0.45	0.62	0.45	0.28	0.41	0.43	0.19
TOR	45.25	2.38	3.38	4.09	2.02	2.25	2.02	5.93	8.16	4.33	5.30	2.48	2.90
WAR	7.74	0.38	0.75	0.00	1.85	2.25	0.03	0.18	0.17	0.10	0.95	0.63	0.45
WER	19.67	2.26	0.42	1.91	0.71	0.30	2.92	2.25	1.13	2.30	1.98	2.91	0.60

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

ABV	Total	Aug_10	Sep_10	Oct_10	Nov_10	Dec_10	Jan_11	Feb_11	Mar_11	Apr_11	May_11	Jun_11	Jul_11
CLA	139	9	7	7	11	10	6	3	11	21	14	13	27
DAN	181	7	14	18	16	17	10	11	19	24	6	12	27
NOR	183	19	9	14	18	20	19	12	15	9	16	21	11
TOR	256	16	20	18	14	15	18	26	38	26	22	19	24
WAR	43	2	3	0	8	4	2	2	2	2	8	5	5
WER	188	24	14	18	15	7	11	7	13	16	21	21	21

12-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 last 12 month period. This data includes the forensic and civil populations with the data being reported to the second and expressed below as a percentage of an hour.



Medication Measures

Beginning in September 2008 the OMHSAS Bureau of Community and Hospital Operations identified the following three medication measures for inclusion in this monthly report. The table information is compiled from the QS1 pharmacy software and reflects the unique count of the number of people served at each hospital on the last day of the month for each measure.

Table 22 - Benzodiazepines

Measure Definition: *Benzodiazepines refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for any benzodiazepine medication on the last day of each month.*

BZD M/Y								Forensic			SRTP	Sys
	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Oct-10	151	93	129	94	93	160	720	28	22	50	3	773
Jan-11	145	100	122	89	96	134	686	35	21	56	3	745
Apr-11	151	102	122	92	96	137	700	30	27	57	3	760
Jul-11	150	91	123	93	95	136	688	34	22	56	3	747

Table 23 - Multiple Atypicals

Measure Definition: *Multiple Atypicals refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for two or more atypical antipsychotic medications on the last day of each month.*

M/Y	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Oct-10	24	31	14	48	48	50	215	7	7	14	0	229
Jan-11	4	42	22	49	43	48	208	5	5	10	0	218
Apr-11	12	47	24	60	49	47	239	10	5	15	0	254
Jul-11	13	43	21	52	54	44	227	5	14	19	0	246

Table 24 - Typical-Atypical

Measure Definition: *Typical-Atypicals refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for a typical and an atypical antipsychotic medication on the last day of each month.*

Typical - Atypical M/Y								Forensic			SRTP	Sys
	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Oct-10	54	58	120	44	39	105	420	28	23	51	0	471
Jan-11	53	56	109	46	36	112	412	28	16	44	0	456
Apr-11	58	60	112	53	44	115	442	24	23	47	0	489
Jul-11	50	48	106	65	44	114	427	28	22	50	0	477

Assaults

Assaults within the state hospital system are defined as any aggressive act by a patient, involving physical contact that may or may not result in injury. Assaults can be directed at a peer, staff or any other individual. The system was designed to require an incident report (form SI-815) on any patient involved in a physical altercation regardless of who may have started the assault. Therefore, every patient-to-patient altercation will result in at least two incident reports.

Table 25 - Patient-to-Patient Assaults by Unit, All Levels of Care

ABV	WARD	Cnt									
NOR	01C1	42	NOR	51C2	8	WAR	2NM	5	NOR	09CF	2
CLA	3	15	NOR	01A1	8	WER	35-2	5	NOR	51B1	2
WER	34-4	15	WER	37-1	8	CLA	6	4	CLA	1	2
DAN	310	14	WER	37-3	7	NOR	51C1	4	SMO	3B	2
WER	34-2	14	WER	34-3	7	DAN	211	4	TOR	011	2
WER	37-2	14	DAN	312	7	TOR	FB4	4	TOR	012	2
DAN	212	12	WER	35-4	6	TOR	062	3	TOR	FB3	2
TOR	024	11	WAR	IBE	6	TOR	022	3	SMO	3A	2
NOR	10A1	10	WAR	3NM	6	CLA	5	2	TOR	FC1	1
CLA	7	10	TOR	021	6	SMO	5A	2	TOR	FC2	1
NOR	10C1	9	SMO	6B	6	CLA	4	2			
WAR	3IM	9	NOR	51A1	6	CLA	2	2			
TOR	023	8	NOR	51B2	5	NOR	09AF	2			
DAN	210	8	TOR	013	5	NOR	09AR	2			

Table 26 - Rate of Patient-to-Patient Assaults Events with Patient Injury per 1,000 Days-of-Care

Pt.-to-Pt. Assault w/ any Injury	Civil							Forensic			SRTP
	Cla	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	
Jul-10	1.60	0.37	2.32	2.14	0.98	0.99	1.46	3.94	1.00	2.78	0.00
Aug-10	0.44	0.73	2.88	2.13	0.59	0.97	1.35	2.72	1.03	2.10	1.32
Sep-10	1.81	1.71	1.47	1.37	0.79	2.14	1.58	2.78	2.56	2.51	0.00
Oct-10	1.18	0.92	3.56	1.31	1.16	0.60	1.42	2.43	0.94	1.87	1.15
Nov-10	1.83	1.72	1.92	1.36	0.61	0.37	1.28	2.82	0.48	2.00	1.19
Dec-10	0.88	1.29	1.91	0.50	0.99	0.84	1.07	2.20	0.00	1.46	2.33
Jan-11	3.09	0.55	3.91	1.16	1.57	0.60	1.84	3.95	3.24	3.70	0.00
Feb-11	1.14	0.83	1.92	1.98	0.64	1.19	1.31	2.17	0.94	1.72	1.30
Mar-11	1.48	1.12	2.78	0.81	0.19	1.07	1.29	5.38	2.45	4.29	0.00
Apr-11	0.76	1.16	2.16	1.18	0.59	0.37	1.02	3.91	0.43	2.61	0.00
May-11	1.32	0.96	1.81	1.30	0.57	1.07	1.19	5.15	1.62	3.82	0.00
Jun-11	1.37	0.39	2.46	1.49	0.60	1.24	1.32	1.56	1.23	1.43	0.00
Jul-11	1.17	1.39	3.29	1.31	0.97	1.46	1.63	2.94	0.42	2.01	1.23

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

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
TOR	022	10	TOR	024	3	DAN	311	1
CLA	3	10	WER	34-3	3	NOR	09AR	1
DAN	312	8	WER	37-1	3	NOR	51B1	1
WER	34-4	6	SMO	5A	2	SMO	3B	1
WER	34-2	6	WAR	3IM	2	CLA	1	1
WER	37-3	6	WAR	3SW	2	TOR	013	1
TOR	FB4	5	WER	35-3	2	TOR	023	1
DAN	310	5	WER	35-4	2	TOR	FB3	1
WAR	3NM	4	NOR	09AF	2	WAR	2NM	1
CLA	7	4	CLA	6	2	WAR	IBE	1
NOR	01C1	4	CLA	2	1	SMO	6B	1
NOR	10A1	3	DAN	211	1			
NOR	51A1	3	DAN	212	1			

Table 28 - Rate of Patient-to-Staff Assault Events with Injury to Staff per 1,000 Days-of-Care

Pt/Staff Assault w/ Staff Inj per 1K days	Civil							Forensic			S RTP
	Cl a	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Jul-10	0.44	0.37	0.73	0.16	1.18	0.99	0.61	0.25	0.00	0.15	1.15
Aug-10	0.00	0.91	0.29	0.33	0.99	0.97	0.57	0.99	0.00	0.60	1.15
Sep-10	0.30	0.57	0.15	0.68	0.40	1.13	0.54	0.51	0.00	0.31	1.19
Oct-10	0.00	0.92	0.86	0.66	0.00	1.09	0.65	0.49	0.47	0.47	0.00
Nov-10	0.15	1.34	0.29	0.34	1.02	0.87	0.64	0.51	0.00	0.33	0.00
Dec-10	0.44	1.29	0.59	0.17	0.79	0.12	0.52	1.22	0.00	0.81	0.00
Jan-11	0.59	0.55	1.01	0.66	0.20	1.45	0.80	0.74	0.93	0.81	0.00
Feb-11	0.00	0.62	1.60	0.54	0.00	0.79	0.63	1.09	0.00	0.69	1.30
Mar-11	0.30	1.86	0.88	0.00	0.19	1.55	0.83	0.73	0.41	0.61	0.00
Apr-11	0.30	0.97	0.93	0.68	0.00	0.49	0.56	0.78	0.43	0.65	0.52
May-11	1.17	0.38	0.45	0.49	0.96	1.07	0.78	0.49	0.00	0.31	0.00
Jun-11	0.30	0.98	1.23	0.17	0.20	1.49	0.78	0.78	0.00	0.48	0.00
Jul-11	0.29	0.79	0.30	1.63	0.78	1.22	0.84	0.73	1.69	1.08	0.00