

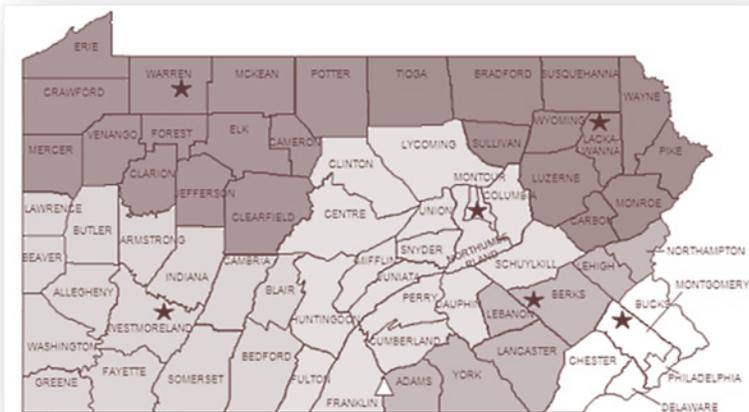


**pennsylvania**

DEPARTMENT OF PUBLIC WELFARE

OFFICE OF MENTAL HEALTH AND  
SUBSTANCE ABUSE SERVICES

*Pennsylvania State Hospital System  
Risk Management Summary Report  
August 2012*



**State Hospital Mental Health Facilities**



**South Mountain Restoration Center**

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*On the Internet:*

<http://www.dpw.state.pa.us/publications/forproviders/statehospitalriskmanagementsummaryreports/index.htm>

## Introduction

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

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

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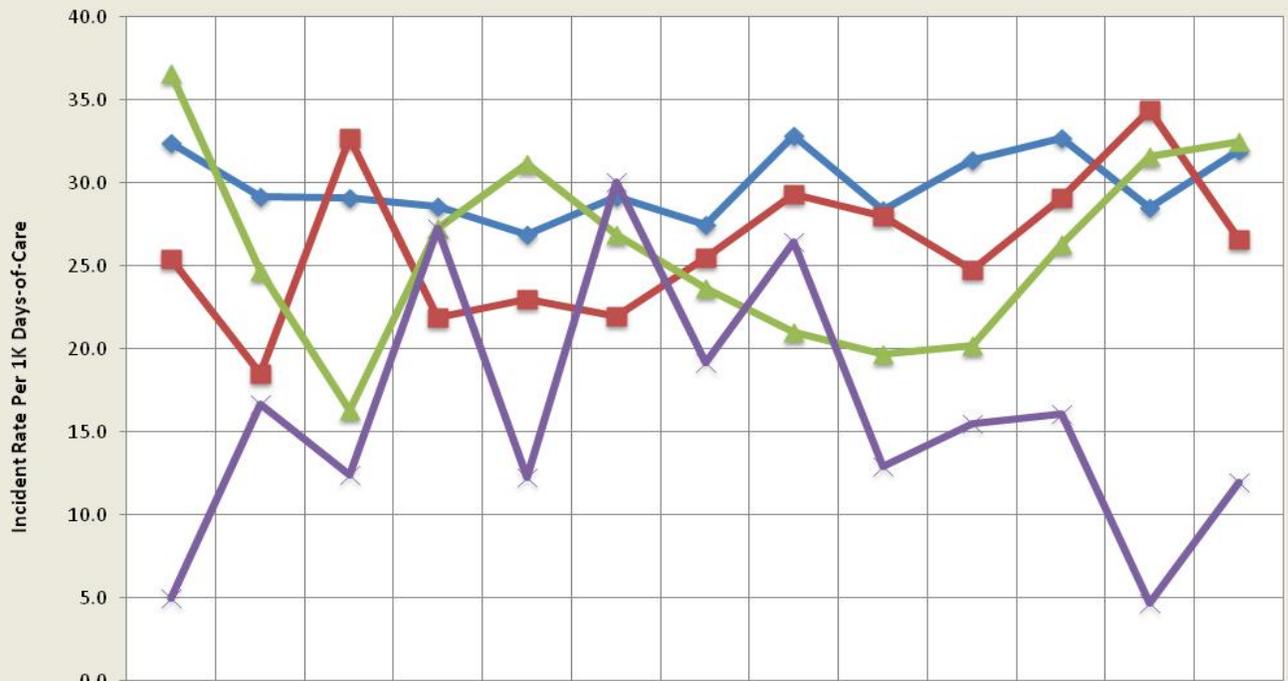
During August 2012 a total of 1497 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report.

The following is a breakdown of incidents by individual facility and type of care:

**Table 1 - Number of Incident Reports**

Civil	Census 8/31/12	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	217	6755	129	19.1
Danville	170	5279	181	34.3
Norristown	163	5186	185	35.7
Torrance	200	5933	228	38.4
Warren	165	5205	146	28.0
Wernersville	261	7930	294	37.1
<b>Total Civil</b>	1176	36288	1163	32.0
<b>Forensic</b>				
Norristown	131	4032	126	31.3
Torrance	83	2685	53	19.7
<b>Total Forensic</b>	214	6717	179	26.6
<b>Act 21</b>				
Act 21	35	1085	13	12.0
<b>Total Act 21</b>	35	1085	13	12.0
<b>Long Term Care</b>				
South Mountain	141	4369	142	32.5
<b>Total L. T. C.</b>	141	4369	142	32.5
<b>Total</b>	1566	48459	1497	30.9

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



	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12
— Civil	32.4	29.2	29.1	28.6	26.9	29.2	27.5	32.9	28.4	31.4	32.7	28.5	32.0
— Forensic	25.4	18.5	32.7	21.9	23.0	22.0	25.5	29.3	28.0	24.8	29.1	34.4	26.6
— Long Term Care	36.6	24.7	16.3	27.3	31.2	26.9	23.7	21.0	19.7	20.2	26.3	31.6	32.5
— Act 21	5.0	16.7	12.4	27.3	12.3	30.1	19.2	26.5	12.9	15.5	16.1	4.7	12.0

\*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	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
Accident-Injury	331	50	43	60	57	45	76
Adverse Drug Reaction	42	11	8	8	1	4	10
Aggression	906	150	130	163	190	137	136
Airway Obstruction type 1 Intervention	32	6	2	6	4	9	5
Airway Obstruction type 2 No Intervention	16		3	4	1	3	5
Alcohol Use/Possession/Suspected or Confirmed	1		1				
Alleged Nonconsensual Sexual Activity	32	5	3	8	10	2	4
Alleged Pt. Abuse	28	3	1		5	5	14
Alleged Suspected Criminal Act	1					1	
Assault, Pt./Pt	2275	391	296	428	407	350	403
Assault, Pt./Staff	690	112	141	129	108	100	100
Assault: Patient/Other	2				1		1
AWOL/UA	90	20	17	7	20	8	18
AWOL-Attempt	39	10	6	5	7	4	7
AWOL-Late	72	10	8	20	14	11	9
Change in Medical Status-Stabilized	96	18	17	6	12	21	22
Change in Medical Status-Transferred	365	58	55	63	68	68	53
Charged post admit/crime committed prior to admit	3			1	1	1	
Charged with alleged crime on hospital grounds	13	1	2	6	1	2	1
Communications Sys. Misuse	13	5	1	1	2	1	3
Community Incident	15	2	4	3	3	1	2
Contraband Possession	100	26	16	9	16	11	22
Fall Type 1-Injury with treatment	474	83	76	75	77	87	76
Fall Type 2-No treatment needed	777	140	127	125	116	135	134
Family Concern	19	5	3	2	3	5	1
Illicit Substance Use/Possession	10	3	1		2	2	2
Indeterminate/Unconfirmed Cause of Injury	210	33	30	34	33	42	38
Medication Error	156	32	17	22	24	29	32
Missing Property	74	16	16	12	8	10	12
Other	627	100	100	108	120	103	96
Procedural Treatment Error	30	7	1	6	6	5	5
Property Damage	98	16	13	22	22	12	13
Seizure	45	14	6	6	2	10	7
Self-Injurious behavior	834	135	133	136	153	143	134
Sexual Behavior	99	15	13	19	11	25	16
Smoking Violation	215	57	26	33	21	37	41
Substantiated Nonconsensual Sexual Activity	2					2	
Substantiated Patient Abuse	13	3	1	4	1	1	3
Suicide Attempt	19	4	4	1	3	4	3
Suicide threat/plan	54	13	9	10	9	6	7
Theft	55	13	12	4	10	6	10
Unknown	8	1	3	1	2		1
Unsubstantiated Patient Abuse	41	15	10	6	3	2	5

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

Primary Cat #	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	9	9	7	10	2	6	43
Adverse Drug Reaction	3	1	1			3	8
Aggression	5	9	16	18	15	35	98
Airway Obstruction type 1 Intervention	1	1	1		1	1	5
Airway Obstruction type 2 No Intervention		1	1	3			5
Alleged Nonconsensual Sexual Activity			4				4
Alleged Pt. Abuse	5	1	3		1	2	12
Assault, Pt./Pt	39	39	61	47	17	68	271
Assault, Pt./Staff	6	12	12	19	7	27	83
Assault: Patient/Other						1	1
AWOL/UA	1		1	5	4	7	18
AWOL-Attempt		2		1	2	2	7
AWOL-Late					8	1	9
Change in Medical Status-Stabilized		1	8	2	1	1	13
Change in Medical Status-Transferred	3	18	8	6	2	6	43
Charged with alleged crime on hospital grounds		1					1
Communications Sys. Misuse	1				1	1	3
Community Incident			1			1	2
Contraband Possession		5	3	6	8		22
Fall Type 1-Injury with treatment	12	8	9	14	6	7	56
Fall Type 2-No treatment needed	17	6	11	26	12	31	103
Family Concern						1	1
Illicit Substance Use/Possession					2		2
Indeterminate/Unconfirmed Cause of Injury	4	5	8	8		7	32
Medication Error	1	6				3	10
Missing Property		4		3	2	3	12
Other	7	7	1	24	7	37	83
Procedural Treatment Error		2	1			1	4
Property Damage	5	2	1	1	1	2	12
Seizure	1					4	5
Self-Injurious behavior	5	30	9	9	33	27	113
Sexual Behavior	2	1	3	6		2	14
Smoking Violation			10	18	13		41
Substantiated Patient Abuse		1		1		1	3
Suicide Attempt	2	1					3
Suicide threat/plan		3	2		1		6
Theft		4	3	1		2	10
Unsubstantiated Patient Abuse		1				4	5
Totals	129	181	185	228	146	294	1163

**Table 3 - Primary Effect of Incidents in the Civil Hospitals**

Primary effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	13	28	12	15	19	27	114
Asphyxiation			1			1	2
Bite-Human			1				1
Bite-Insect	1			2			3
Blister		2		1	1		4
Body System Illness	2	2			2		6
Bruise/contusion/discoloration	8	1	8	11	10	12	50
Cellulitis				1			1
Damaged or lost tooth				1			1
Edema/swelling	6	3	6	4	1	2	22
Emesis			2	4		1	7
Epistaxis		1	3				4
Erythema/redness	2	7	1	10	3	7	30
Fever		1					1
Fracture	1	2	1				4
Ingestion of foreign body			1	1		9	11
Laceration: NO sutures/staples/steri-strips	3	7	4	5	2	3	24
Laceration: with steristrips/glue					1		1
Laceration: with sutures/staples	5	1	1	1			8
Lethargy	1	1	1	1			4
No Injury/NA	82	106	123	158	104	210	783
Other		9	6	3	2	7	27
Pain unspecified				3		1	4
Pain, Specified	2	5	11	6		9	33
Respiratory Distress	2	3	1		1		7
Seizure		1				1	2
Skin Irritation/Rash			1	1		2	4
Unconscious/Unresponsive	1	1	1			2	5
Totals	129	181	185	228	146	294	1163

**Table 4 - Cause and Effect of Incidents in the Forensic Units  
Category or Cause of Incidents in the Forensic Service by Unit**

Primary Cat #	NSH						TSH				Count	
	51A1	51A2	51B1	51B2	51C1	51C2	FB3	FB4	FC1	FC2		
Accident-Injury	1	1	1									3
Adverse Drug Reaction						2						2
Aggression	6	3	2	1	2	1	3	2	2	1		23
Alleged Pt. Abuse	1		1									2
Assault, Pt./Pt	11	6	11	16	19	26	2	4	7	1		103
Assault, Pt./Staff	4					1		3				8
Change in Medical Status-Stabilized						1	1		1			3
Change in Medical Status-Transferred			1			1						2
Fall Type 1-Injury with treatment									1			1
Fall Type 2-No treatment needed			1						4			5
Injury			1			1		1	2			5
Other	1			1			2	1			1	6
Property Damage		1										1
Seizure			1									1
Self-Injurious behavior								12				12
Sexual Behavior											1	1
Suicide threat/plan											1	1
Totals	24	11	19	18	21	33	8	23	17	5		179

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

EFFECT	NSH						TSH				Count	
	51A1	51A2	51B1	51C1	51C2	51B2	FB3	FB4	FC1	FC2		
Abrasion/scrape/scratch/hematoma	2		3	1	2	2	2	4	3	1		20
Bruise/contusion/discoloration	2	1	2	1	2	1		1		1		11
Edema/swelling	1		2	1	2				2			8
Erythema/redness				1		1		2				4
Laceration: NO sutures/staples/steri-strips			2	1	1					1		5
Laceration: with steristrips/glue			1									1
Laceration: with sutures/staples			1		1							2
No Injury/NA	19	10	7	13	21	13	3	15	9	3		113
Other					3		2		1			6
Pain, Specified				3		1		1	1			6
Seizure			1									1
Syncopal episode					1							1
Visual changes							1					1
Totals	24	11	19	21	33	18	8	23	17	5		179

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

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	7	8	6	1	6	28
Aggression		3	3	2	1	9
Assault, Pt./Pt	4	13	4	1		22
Assault, Pt./Staff		3	1	2	1	7
Change in Medical Status-Stabilized		2		2	2	6
Change in Medical Status-Transferred	2	1	1	1	1	6
Fall Type 1-Injury with treatment	6	7	3	1		17
Fall Type 2-No treatment needed	3	13	6			22
Medication Error	4	5	4	6	2	21
Other			1		1	2
Procedural Treatment Error			1			1
Seizure		1				1
Totals	26	56	30	16	14	142

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

EFFECT	3A	3B	5A	6A	6B	Count
Abrasion/scrape/scratch/hematoma	9	5	5	2	6	27
Blister		1		1		2
Body System Illness				1		1
Bruise/contusion/discoloration	2	5	2			9
Cellulitis			1			1
Death			1			1
Edema/swelling		1			1	2
Erythema/redness			1	1		2
Laceration: NO sutures/staples/steri-strips	2	1			1	4
Laceration: with steristrips/glue		2				2
Laceration: with sutures/staples	1					1
No Injury/NA	8	36	18	11	5	78
Pain, Specified	4	3	1			8
Respiratory Distress			1		1	2
Seizure		1				1
Unconscious/Unresponsive		1				1
Totals	26	56	30	16	14	142

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

In July 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	2	2
Assault, Pt./Pt	3	3
Assault, Pt./Staff	1	1
Fall Type 2-No treatment needed	1	1
Other	3	3
Self-Injurious behavior	3	3
Totals	13	13

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

Primary effect	TOR	Count
Bruise/contusion/discoloration	1	1
Laceration: NO sutures/staples/steri-strips	1	1
No Injury/NA	9	9
Pain, Specified	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](http://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**

Month	Tobacco Users	CLA	DAN	NOR	TOR	WAR	WER	Civil Total	LTC	System Total
Nov-11	Total Users	127	85	132	95	82	147	668	25	693
	% of Census	58%	49%	60%	46%	51%	54%	53%	19%	43%
Feb-12	Total Users	128	76	131	93	102	136	666	17	683
	% of Census	59%	45%	63%	47%	59%	51%	54%	13%	42%
May-12	Total Users	124	76	113	107	95	136	651	21	672
	% of Census	57%	44%	59%	54%	54%	51%	53%	15%	42%
Aug-12	Total Users	124	68	98	99	86	122	597	22	619
	% of Census	57%	40%	60%	50%	52%	47%	51%	16%	40%

**Table 11 - Diabetes**

Aug-12	Civil Hospitals							Forensic Centers			A21	LTC	Sys
	Cla	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Patient Census	217	170	163	200	165	261	1176	131	83	214	35	141	1566
Count	35	32	32	49	36	69	253	12	8	20	0	44	317
% w/ Diabetes	16%	19%	20%	25%	22%	26%	22%	9%	10%	9%	0%	31%	20%

**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.

Cause	CLA	DAN	NOR	SMO	TOR	WAR	WER	Count
Accident-Injury					1			1
Aggression					1		1	2
Alleged Pt. Abuse	1							1
Assault, Pt./Pt			6					6
Change in Medical Status-Transferred	3	17	9	6	6	4	5	50
Fall Type 1-Injury with treatment	1	1		1		2	1	6
Indeterminate/Unconfirmed Cause of Injury					1			1
Other					1		1	2
Seizure	1						1	2
Self-Injurious behavior			1			1	5	7
Suicide Attempt	1							1
Totals	7	18	16	7	10	7	14	79

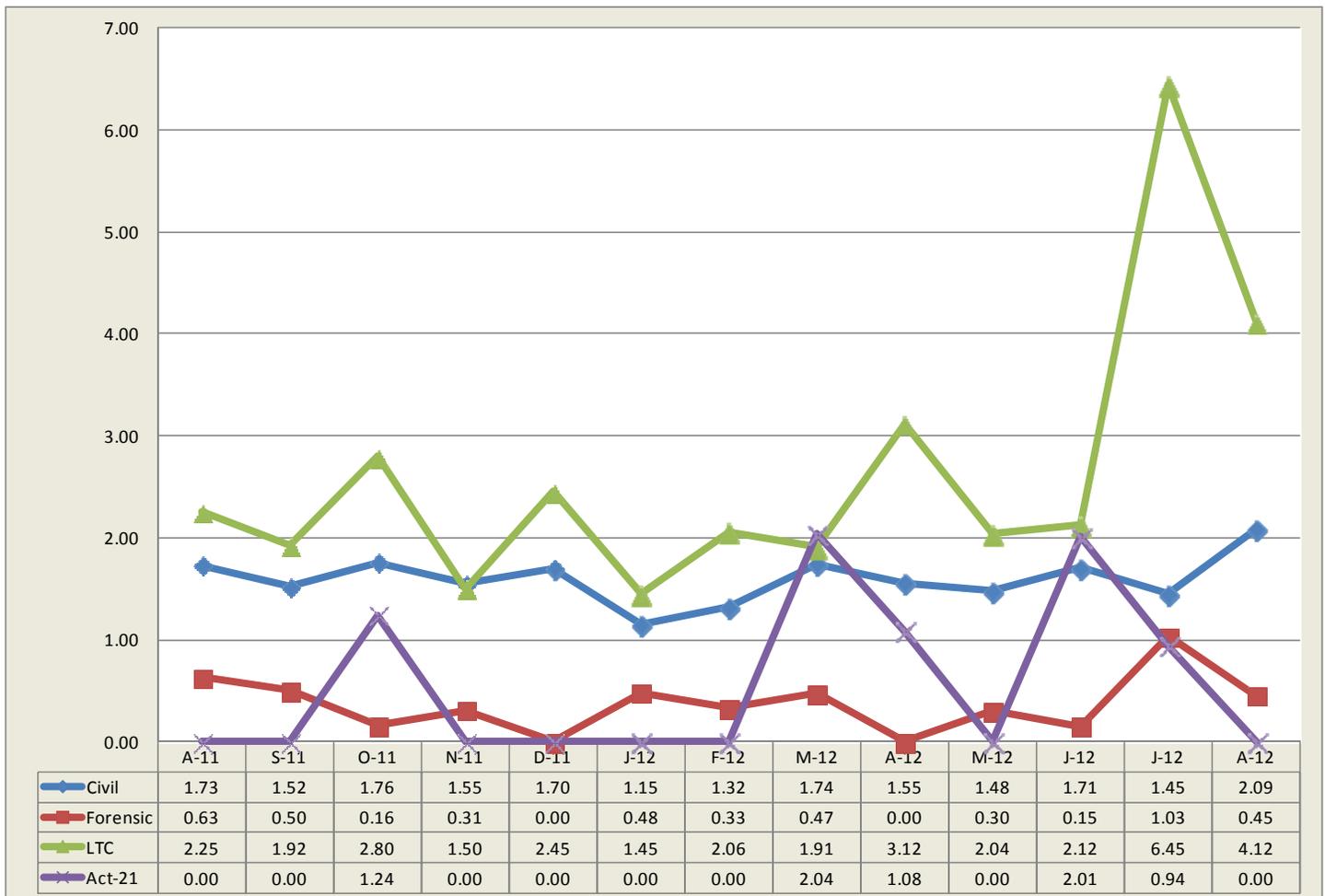
## Falls

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			A21	LTC	Sys Avg
	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Aug-11	1.62	2.20	0.88	1.95	1.93	1.94	1.73	0.24	1.35	0.63	0.00	2.25	1.70
Sep-11	1.53	1.40	1.50	1.03	0.61	2.53	1.52	0.50	0.50	0.50	0.00	1.92	1.70
Oct-11	2.21	1.50	2.10	1.48	1.76	1.47	1.76	0.00	0.46	0.16	1.24	2.80	1.62
Nov-11	2.14	1.54	1.02	2.36	1.03	1.24	1.55	0.00	0.79	0.31	0.00	1.50	1.35
Dec-11	1.77	2.06	1.33	1.52	0.59	2.52	1.70	0.00	0.00	0.00	0.00	2.45	1.35
Jan-12	1.76	1.71	1.03	0.67	0.38	1.20	1.15	0.26	0.84	0.48	0.00	1.45	1.07
Feb-12	1.42	0.82	0.83	2.20	0.99	1.54	1.32	0.54	0.00	0.33	0.00	2.06	1.23
Mar-12	1.63	1.51	1.25	3.03	0.75	2.05	1.74	0.51	0.40	0.47	2.04	1.91	1.59
Apr-12	1.84	3.11	0.66	2.04	0.79	1.11	1.55	0.00	0.00	0.00	1.08	3.12	1.59
May-12	1.78	1.12	0.50	2.98	0.93	1.45	1.48	0.00	0.74	0.30	0.00	2.04	1.59
Jun-12	1.69	1.36	0.89	1.92	2.30	2.01	1.71	0.00	0.36	0.15	2.01	2.12	1.54
Jul-12	1.04	0.76	1.33	2.21	1.51	1.70	1.45	1.23	0.73	1.03	0.94	6.45	1.82
Aug-12	1.78	2.46	1.93	3.37	1.15	1.89	2.09	0.25	0.74	0.45	0.00	4.12	1.82

**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	Sep_11	Oct_11	Nov_11	Dec_11	Jan_12	Feb_12	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
NOR	5.75								5.75				

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

ABV	Total	Sep_11	Oct_11	Nov_11	Dec_11	Jan_12	Feb_12	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
NOR	1	0	0	0	0	0	0	0	1	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	34-4	7.42
WER	35-2	4.00
WER	37-3	0.68
NOR	998	0.50

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

ABV	Total	Sep_11	Oct_11	Nov_11	Dec_11	Jan_12	Feb_12	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
CLA	75.20	0.00	0.00	0.00	73.40	0.00	0.80	0.00	0.00	0.00	1.00	0.00	0.00
NOR	14.12	11.00	0.50	0.00	0.25	0.50	0.00	0.87	0.50	0.00	0.00	0.00	0.50
WER	50.48	2.93	3.80	0.00	2.00	1.00	1.00	0.00	1.23	17.35	7.40	1.67	12.10

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

ABV	Total	Sep_11	Oct_11	Nov_11	Dec_11	Jan_12	Feb_12	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
CLA	4	0	0	0	1	0	1	0	0	0	2	0	0
NOR	29	22	1	0	1	1	0	1	2	0	0	0	1
WER	31	2	3	0	1	1	1	0	2	10	4	1	6

**State Hospital Use of Physical Holds (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 Holds (Restraint) Used by Hospital & Unit**

ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total
WER	37-3	2.95	WER	34-3	0.19	NOR	09AR	0.04
WER	34-4	1.27	CLA	6	0.19	NOR	01A1	0.04
DAN	212	1.18	NOR	51C1	0.18	TOR	024	0.03
TOR	023	1.00	NOR	10C2	0.15	NOR	01C1	0.03
WER	35-2	0.93	TOR	FC2	0.13	NOR	51B1	0.03
WER	35-3	0.64	TOR	061	0.12	NOR	51C2	0.02
NOR	51B2	0.52	NOR	51A1	0.11	WER	37-1	0.02
CLA	3	0.52	WAR	3SW	0.08	DAN	211	0.02
TOR	FB4	0.45	TOR	012	0.08	TOR	FB3	0.02
TOR	062	0.43	TOR	FC1	0.08	WER	35-4	0.01
TOR	022	0.39	WER	34-2	0.05	NOR	998	0.01
DAN	312	0.22	WAR	2SW	0.05			
WAR	IBE	0.20	DAN	310	0.05			

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

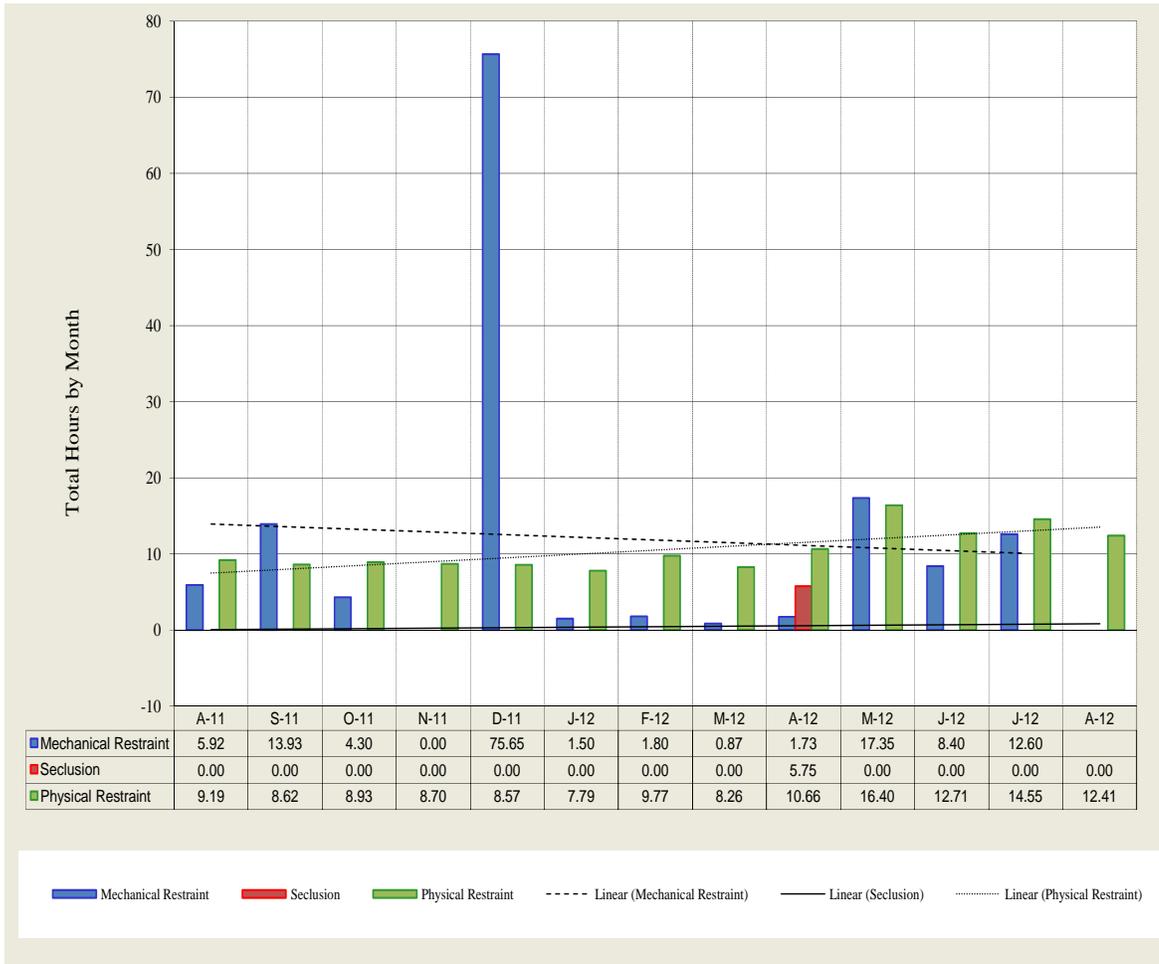
ABV	Total	Sep_11	Oct_11	Nov_11	Dec_11	Jan_12	Feb_12	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
CLA	18.77	1.62	1.81	1.80	1.65	1.34	2.38	1.42	1.50	2.05	2.07	0.43	0.70
DAN	16.09	0.28	0.52	0.35	0.88	0.31	2.30	2.76	1.39	1.15	0.76	3.92	1.47
NOR	10.04	0.92	1.45	1.03	0.60	0.39	0.40	0.38	1.83	0.64	0.40	0.89	1.11
TOR	38.49	4.17	4.50	4.70	4.85	4.33	4.08	2.85	1.10	1.45	2.67	1.05	2.74
WAR	13.32	0.17	0.17	0.42	0.00	0.60	0.43	0.13	0.45	4.57	3.72	2.33	0.33
WER	32.47	1.60	1.01	0.40	0.59	1.04	0.46	0.72	4.39	6.58	3.10	6.52	6.06

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

ABV	Total	Sep_11	Oct_11	Nov_11	Dec_11	Jan_12	Feb_12	Mar_12	Apr_12	May_12	Jun_12	Jul_12	Aug_12
CLA	201	14	17	19	13	17	31	16	14	16	27	7	10
DAN	193	8	9	7	12	10	21	30	22	20	10	27	17
NOR	303	27	33	26	17	10	12	18	47	22	24	41	26
TOR	221	20	21	28	30	23	20	21	9	9	10	9	21
WAR	76	1	2	2	0	7	4	1	6	21	14	12	6
WER	233	17	10	9	9	17	13	12	26	33	24	38	25

## 13-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.*

<b>BZD</b>								<b>Forensic</b>			<b>SRTP</b>	<b>Sys</b>
<b>M/Y</b>	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	<b>Total</b>
Nov-11	146	98	118	93	92	138	685	47	21	68	3	756
Feb-12	150	104	117	91	98	144	704	39	12	51	6	761
May-12	151	88	111	86	96	149	681	38	10	48	4	733
Aug-12	153	97	97	89	102	151	689	48	16	64	5	758

**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.*

<b>Multiple Atypicals</b>								<b>Forensic</b>			<b>SRTP</b>	<b>Sys</b>
<b>M/Y</b>	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	<b>Total</b>
Nov-11	7	48	22	41	39	37	194	5	9	14	0	208
Feb-12	11	44	21	35	43	27	181	4	20	24	0	205
May-12	10	37	25	45	35	22	174	7	9	16	0	190
Aug-12	14	39	15	55	30	25	178	7	7	14	0	192

**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.*

<b>Typical - Atypical</b>								<b>Forensic</b>			<b>SRTP</b>	<b>Sys</b>
<b>M/Y</b>	Cl	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	<b>Total</b>
Nov-11	48	43	110	64	39	118	422	21	17	38	0	460
Feb-12	56	36	102	70	49	116	429	24	20	44	0	473
May-12	60	45	97	73	47	121	443	27	12	39	0	482
Aug-12	56	46	88	73	45	119	427	28	14	42	0	469

## Assaults

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

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

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
NOR	51C2	26	NOR	10C2	10	TOR	FB4	4
NOR	09AR	20	WER	34-4	10	SMO	3A	4
NOR	51C1	19	NOR	09AF	8	NOR	01C1	3
CLA	6	17	TOR	FC1	7	WER	35-4	3
NOR	51B2	16	TOR	011	6	WAR	3IM	3
TOR	022	16	TOR	021	6	TOR	062	3
NOR	10A2	15	DAN	211	6	NOR	09CF	3
SMO	3B	13	NOR	51A2	6	TOR	FB3	2
TOR	023	13	DAN	310	6	TOR	014	2
WER	34-3	13	DAN	210	5	TOR	013	2
CLA	3	12	WAR	3NM	5	WER	37-3	2
DAN	312	11	WAR	3SW	5	CLA	2	2
NOR	51B1	11	WER	35-3	5	WER	37-2	2
DAN	212	11	CLA	5	4	NOR	01A1	2
WER	34-2	11	CLA	4	4	TOR	061	1
WER	35-2	11	SMO	5A	4	TOR	024	1
WER	37-1	11	WAR	IBE	4	SMO	6A	1
NOR	51A1	11	WAR	2NM	4	TOR	FC2	1

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

Pt.-to-Pt. Assault w/ any Injury	Civil							Forensic			S RTP
	Cla	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Aug-11	1.18	1.40	3.95	0.98	1.54	1.22	1.73	2.43	0.90	1.89	0.00
Sep-11	0.92	2.40	3.90	1.03	1.83	0.76	1.76	2.27	0.00	1.51	0.00
Oct-11	1.03	1.88	2.70	2.29	0.98	1.34	1.70	5.81	0.91	4.06	0.00
Nov-11	1.99	0.77	2.62	2.36	1.03	1.37	1.74	2.26	3.16	2.61	1.24
Dec-11	0.74	2.06	4.28	2.20	0.59	1.68	1.96	4.85	2.39	3.89	0.00
Jan-12	1.62	1.14	5.32	1.33	1.35	1.68	2.14	3.83	0.84	2.71	0.00
Feb-12	2.06	1.65	1.82	1.28	0.99	0.64	1.38	4.57	1.74	3.39	0.00
Mar-12	0.59	3.40	2.51	0.34	0.93	2.53	1.74	5.11	1.21	3.60	2.04
Apr-12	1.53	1.36	1.82	0.51	0.59	1.73	1.31	3.37	0.41	2.23	1.08
May-12	0.59	3.37	3.16	0.99	1.30	1.33	1.72	5.73	1.10	3.86	0.00
Jun-12	1.38	2.13	2.85	1.40	0.77	1.75	1.71	7.93	1.81	5.39	2.04
Jul-12	0.30	1.52	0.57	1.19	0.94	0.85	0.87	8.58	0.36	5.28	0.00
Aug-12	1.04	1.52	2.89	1.18	0.58	1.01	1.32	7.44	2.61	5.51	0.92

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

ABV	WARD	Cnt	ABV	WARD	Cnt	ABV	WARD	Cnt
TOR	022	13	WER	35-2	3	NOR	01C1	1
WER	34-3	8	NOR	09AR	2	NOR	51C2	1
WER	35-3	7	NOR	10C2	2	SMO	6B	1
DAN	310	5	WER	37-1	2	TOR	012	1
DAN	212	5	SMO	6A	2	TOR	062	1
WER	34-2	5	CLA	6	2	WAR	2SW	1
TOR	023	5	WAR	3IM	2	WAR	IBE	1
NOR	01A1	4	WAR	3NM	2	SMO	5A	1
NOR	51A1	4	WAR	3SW	2			
NOR	09AF	3	WER	37-2	2			
SMO	3B	3	DAN	311	1			
TOR	FB4	3	DAN	312	1			
CLA	3	3	CLA	4	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	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Aug-11	0.44	2.20	1.46	0.33	0.00	0.61	0.81	0.97	0.45	0.79	0.00
Sep-11	0.61	0.40	0.45	0.52	0.20	0.61	0.54	0.50	0.00	0.34	0.00
Oct-11	0.74	2.44	2.70	0.82	0.78	1.83	1.57	2.27	0.00	1.46	0.00
Nov-11	0.15	0.58	0.58	0.84	0.00	1.24	0.61	1.50	0.39	1.07	0.00
Dec-11	0.44	0.93	0.59	0.17	0.20	0.72	0.52	1.28	0.40	0.93	1.11
Jan-12	0.15	0.57	0.74	0.17	0.19	0.12	0.31	0.77	0.00	0.48	1.07
Feb-12	0.16	1.44	0.99	0.18	0.79	0.77	0.70	1.08	0.00	0.67	0.00
Mar-12	0.30	2.45	0.16	0.00	0.37	1.57	0.82	1.28	0.81	1.09	0.00
Apr-12	0.46	2.14	0.33	0.34	0.59	0.74	0.74	5.19	0.41	3.34	1.08
May-12	0.59	1.50	0.83	0.99	1.12	1.21	1.03	0.50	0.00	0.30	0.00
Jun-12	0.77	0.19	0.36	1.40	0.19	1.63	0.83	0.51	0.36	0.45	0.00
Jul-12	0.59	0.76	0.57	0.51	0.00	1.95	0.82	1.47	0.36	1.03	0.00
Aug-12	0.44	1.14	0.58	1.35	0.96	2.27	1.18	0.50	0.00	0.30	0.00