



NOVEMBER | 2017

VIOLENCE REPORT

DSH HOSPITAL VIOLENCE 2016



DATA ANALYSIS

SAFETY
TREATMENT
RESPONSIBILITY

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Commonly Used Abbreviations and Acronyms

For a full list, as well as a listing of the relevant statutes for each legal commitment, please see the glossary at the end of this report.

ABBREVIATION	DESCRIPTION
A2	Patient physical assault committed by another patient. Formally defined in the special order as “Aggressive Act to Another Patient - Physical: Hitting, pushing, kicking or similar acts directed against another individual to cause potential or actual injury.” This does not include verbal assault, which is coded as “A1.”
A4	Staff physical assault committed by a patient. Formally defined in the special order as “Aggressive Act to Staff - Physical: Hitting, pushing, kicking, or similar acts directed against a staff person that could cause potential or actual injury.” This does not include verbal assault, which is coded as “A3.”
A2+A4 Combined	Combined Patient physical (A2) and Staff physical (A4) assaults.
DSH	Department of State Hospitals
DJJ	Department of Juvenile Justice
IST	Incompetent to Stand Trial (PC1370)
LPS	Lanternman-Petris-Short
MDO	Mentally Disordered Offender
MDSO	Mentally Disordered Sex Offender
NGRI	Not Guilty by Reason of Insanity
PC2684	Mentally Ill Prisoner (PC2684)
SVP	Sexually Violent Predator

Section I: Executive Summary

During 2016, the Department of State Hospital's (DSH) five freestanding hospitals again saw an increase in patients admitted to and treated, due in large part by the increase in IST admissions. Overall, the total number of patients treated at any point in time during 2016 totaled 10,186; this represents a 3.4% increase over the number of patients treated in 2015, and a 16.6% increase in patients treated in a year since 2012.

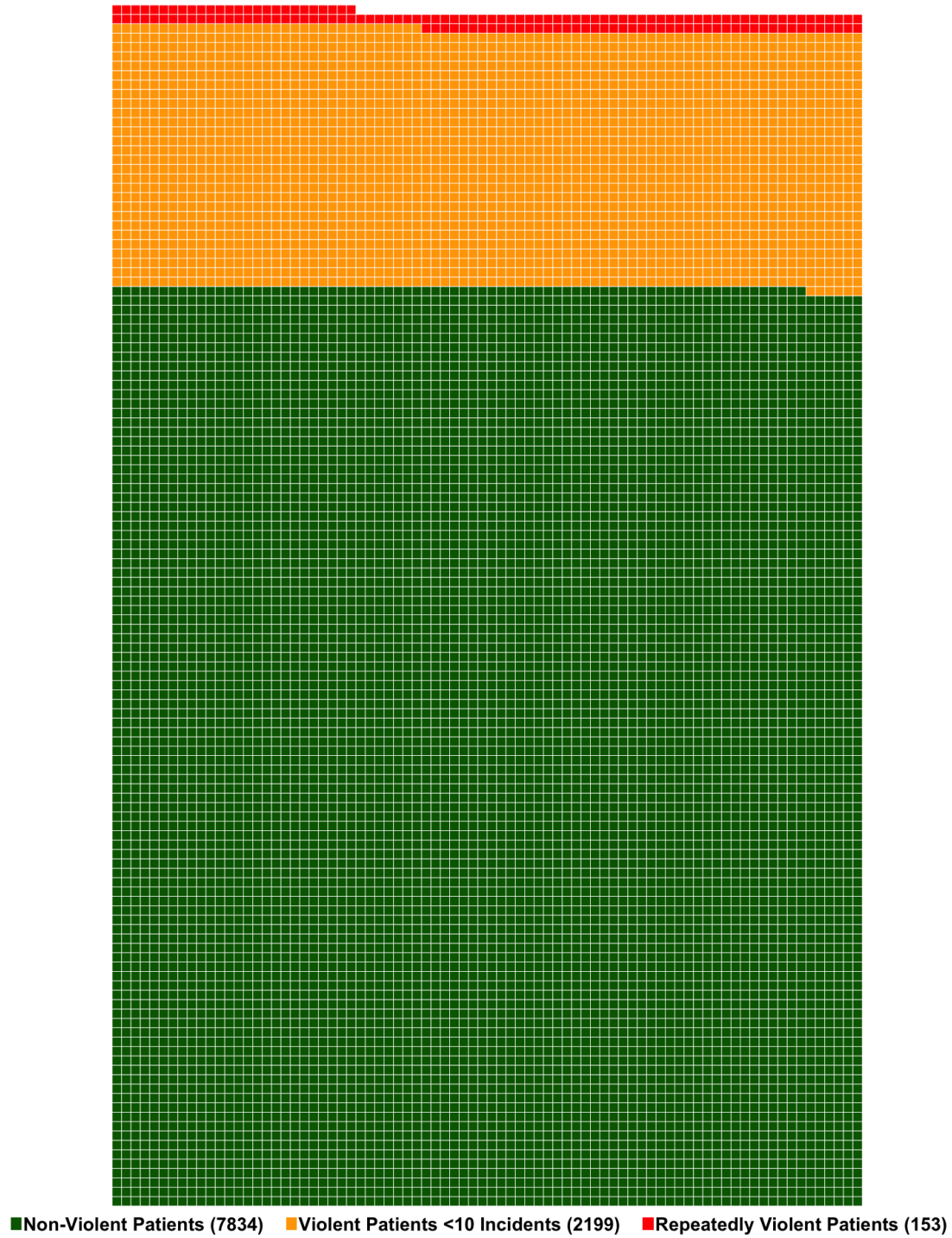
As with previous years, most patients treated in 2016 were not violent during this period (shown in green in Figure 1, about 76.9% of all patients treated). The remaining patients treated, about 23.1%, committed an act of physical violence while hospitalized, either against another patient or a staff member. Of the violent patients, a very small number had 10 or more violent acts during 2016 (designated as "repeatedly violent patients"). While numbering only 153 patients total during 2016, these repeatedly violent patients were responsible for 37.0% of all the assaults on both patients and staff assaults during 2016.

In [Section II.1](#), this report presents the violence totals and then integrates these totals with the patient census data to provide information about violence using standardized units of violence rates per 1000 patient days.

The remainder of this summary will provide an overview of DSH violence data and presents information on current patient violence trends, while also comparing this information with previous data. The body of this report will present aggregate information on patient aggressors and victims as well as examine the severity of assault injuries for the patients. This report also begins to examine the influence of admission rates on violence. Additionally this report will look more in-depth at the repeatedly violent patients and the disproportionate amount of violent incidents due to them, details that are presented in [Section II.5](#) of this report. The report then goes on to present data on the monthly rates of

- » In 2016, DSH saw a 3.4% population increase over the previous year.
- » Since 2012, DSH has seen a 16.6% population increase.
- » In 2016, the rate of patient on patient assault decreased 6.6%.
- » 1.5% of patients were responsible for 37% of all aggression in 2016.
- » There continues to be a significant decrease in the number of violent incidents that result in the need for medical treatment or outside hospitalization.

Figure I
2016 DSH Patients and Aggressors, 1 Square = 1 Patient



- » *23.1% of the 10,186 patients treated have committed at least one violent act while at a DSH facility.*
- » *A total of 153 patients had 10 or more acts of aggression in 2016.*
- » *Patients who are violent in DSH stay 3 times longer than non-violent patients.*
- » *The majority of violent incidents occur within 120 days of a patient's admission.*

violence, looking at monthly rates by patient commitment, hospital, and then (in the appendices) by hospital and patient legal commitment.

Analysis of the 2016 data shows that compared to the previous year:

- There was a 3.4% increase in patient population, measured in total patient days;
- DSH wide, the rate of patient on patient assaults decreased by 6.6% and the rate of patient on staff assault increased by 6.6%. The increase in patient on staff assault is due to a definition and data reporting change which expanded the definition of patient on staff assault (A4) and is discussed in detail in [Section II.1.B](#);
- Changes in violence rates were not uniform, however, and some variation was noted across legal classes and hospitals (see [Sections II.2](#) and the [Appendices](#) as well as [Section III.2](#) for further details);
- With the increase in population, the percentage of individual (unique) patients committing aggressive acts was unchanged at 23.1% (in 2015, 2,274 patients of the 9,845 treated that year committed a violent act, while in 2016, 2,352 of the 10,186; for further information see [Section II.2](#));
- Continued reductions in the more serious levels of patient victim injuries from assault from last year's rates, (see [Section II.4](#));
- An increase in the number of repeatedly violent patients who committed 10 or more assaults in 2016; this may be related to the fact that patients with violent incidents are then retained in hospital for longer for more treatment, (see [Section II.5](#));
- Most of the violent incidents (A2 + A4) in DSH hospitals occur within 120 days of admission. Thus, it is important to consider the rate of new admissions to the hospitals, and examine the impact of increased admissions on all violence types at the hospitals. See [Section II.1.D](#) for further discussion of the influence of admission rates on violence.
- Patients who are violent in DSH are hospitalized longer, specifically, the median length of stay for a violent patient is 3 times longer than the length of stay for a non-violent patient. These longer periods of hospitalization for the most violent patients has the consequence of increasing the percentage of violent patients (see [Section II.1.E](#))

At the end of this report, supplementary data tables to provide additional detailed information are presented in the [Appendices](#), as well as a [Glossary](#) of terms used in this report.

Section II: Overview of Violence Data

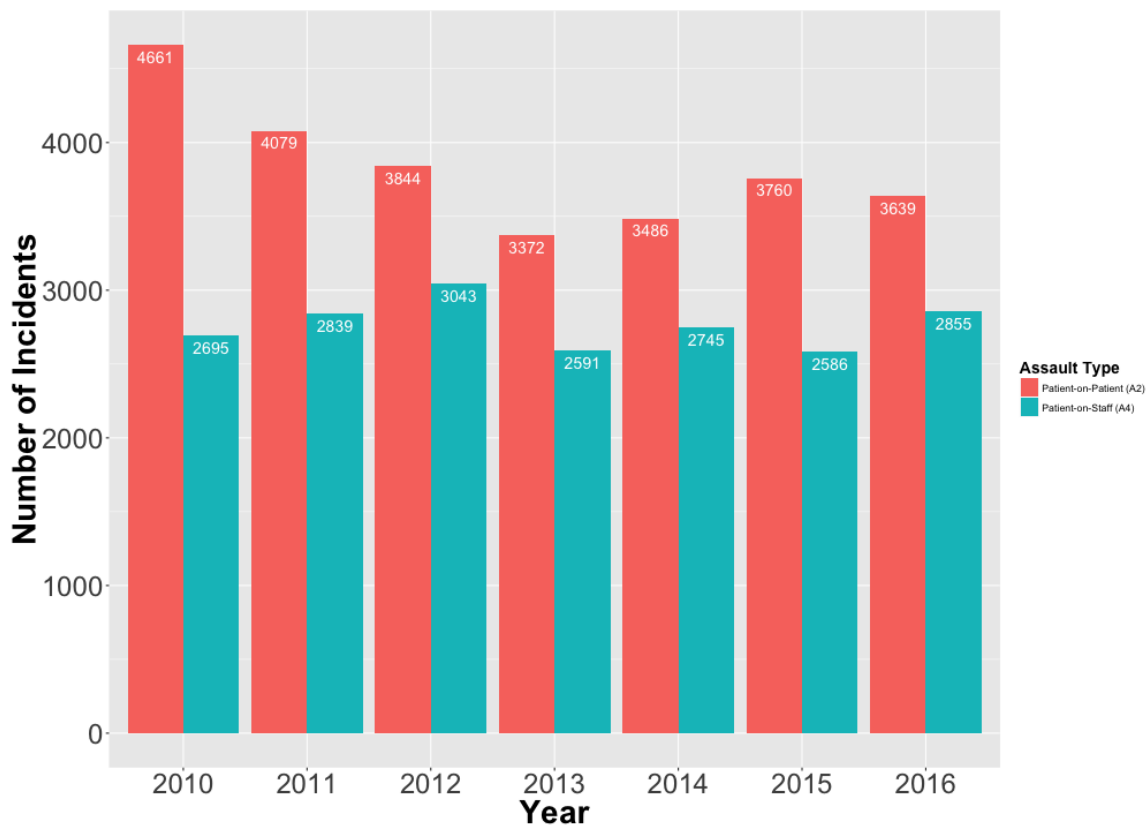
I. Yearly Summary of Patient on Patient and Patient on Staff Assaults in DSH

A. Population Increases and Number of Patient on Patient and Patient on Staff Assaults per Year

- Overall, the total number of patient on patient assaults decreased 3.2% while the total number of patient on staff assaults increased 10.4% from 2015 (see Figure 2).
- Coupled with a population increase (measured in Total Patient Days) in 2016 of 3.4%, the rate of patient on patient assault decreased 6.6%, while the rate of patient on staff assault increased 6.6% (see Figure 3).

As can be seen in Figure 2, the **total number** of violent acts committed by patients against other patients (A2 patient on patient assaults) decreased in 2016, while the number of patient assaults against staff increased. (Note: data for 2010 understate that year's true total, as one hospital did not begin tracking and reporting until February 2010; these numbers omit the January 2010 for that one hospital).

Figure 2
DSH Wide Count of Incidents, by Year



Note: Figure 2 is counts (not rates) of aggressive incidents against both patients (A2) and against staff (A4). These data include January 2010 data, which is incomplete

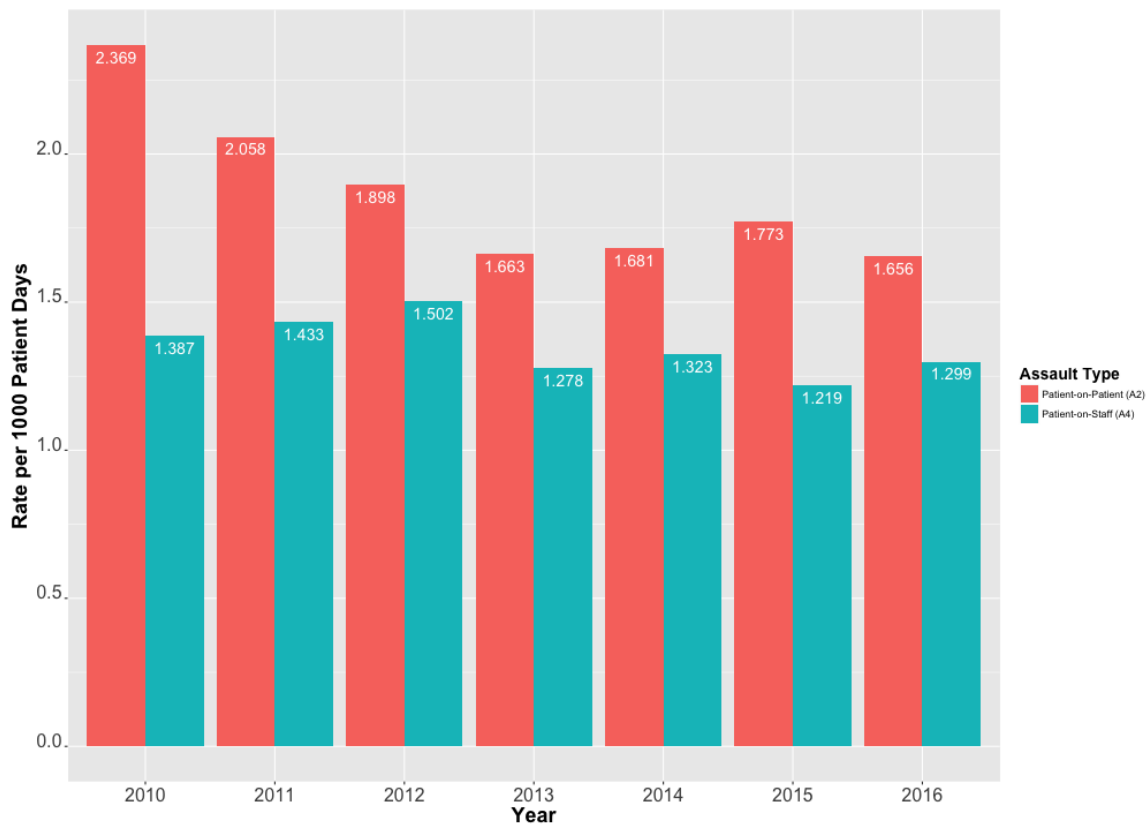
Since these totals do not take into account the increase in patient census (which will be discussed later in this section), simple totals of violence per month or per year should not be used for analysis. The better measure of violence would be a rate measure.

Definitive conclusions about increases or decreases in violence can only reliably be drawn by analysis of the rate of violent incidents. As noted in the previous report, DSH violence rates historically have commonly been reported in terms of “Monthly Totals,” which is a measurement that fluctuates depending on the days of the month. Additionally, it does not take into account changes in patient census, which can also impact the amount of violent incidents in a month. Using a rate measure,

such as number of assaults per 1000 patient days, offers a more precise way of tracking and measuring violence, to better inform leadership and management strategies to reduce violence.

For these reasons this report will focus on “Violence Rates” and give this rate as a number per 1000 patient days. This number is easily interpreted, and enables more accurate comparisons across time.

Figure 3
DSH Wide Rate of Assaultive Incidents, by Year



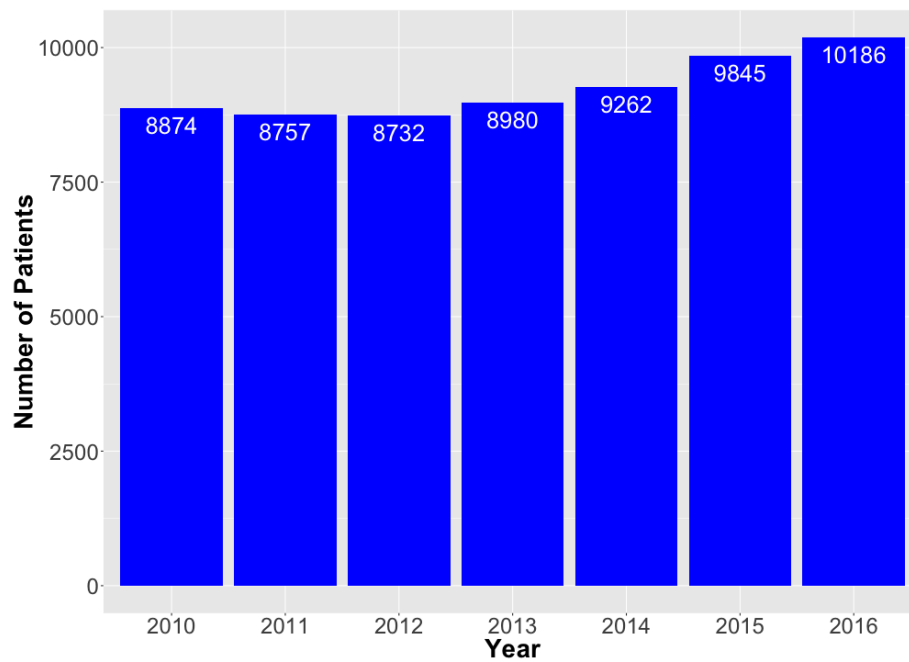
*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.*

There are obvious similarities between the figures showing the barplots of violence counts and violence rates. As discussed previously, however, while “Monthly Totals” are simple and convenient measure, counts and totals are potentially very misleading as only the rate of patient violence takes

into account both the impact of changes in the patient census and fluctuating days in the month on violence totals.

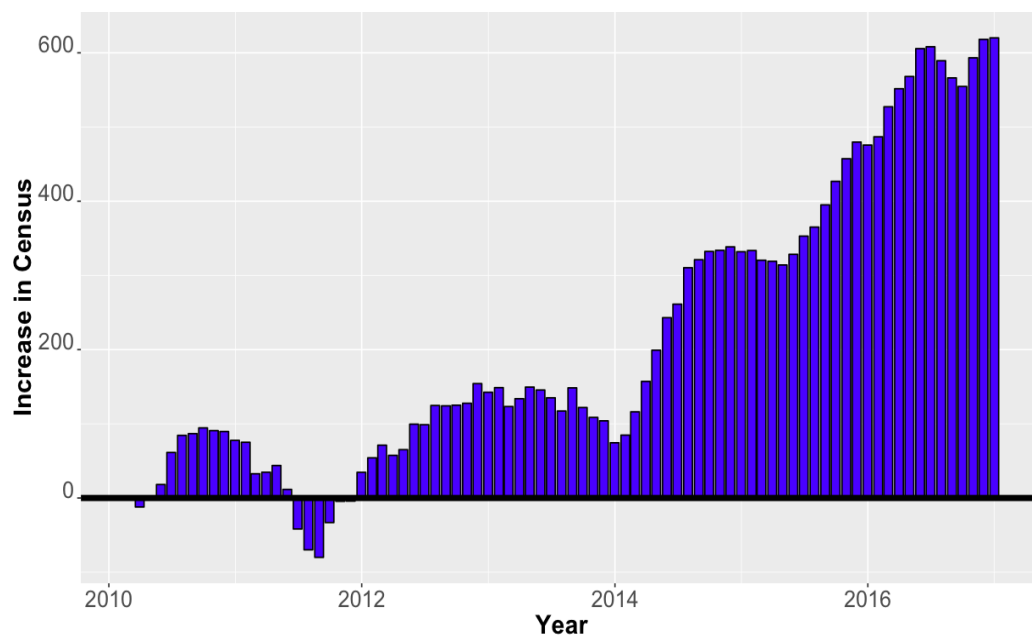
The total number of patients treated at any point during the year in DSH hospitals has been steadily increasing over time.

Figure 4
DSH Hospitals Total Patients Treated, by Year



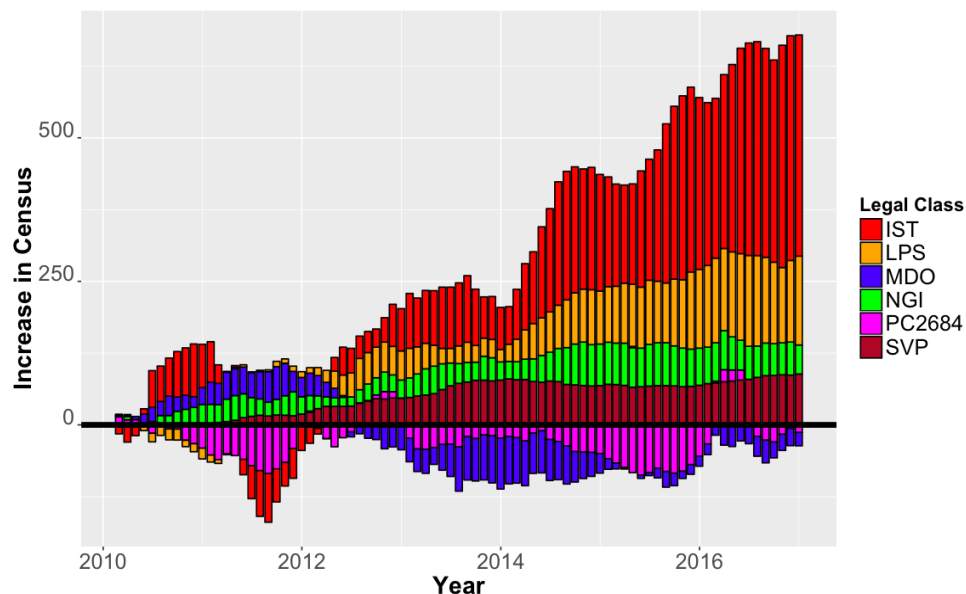
Similarly, the total number of patients residing in the hospital at any one time (tracked as the DSH “Average Daily Census”) has also been increasing over time.

Figure 5
Change in Hospital Average Daily Census



It is important to note that the changes in population have not been uniform across all the legal classes. The greatest population increases have been in the Incompetent to Stand Trial (IST) and Lanternman-Petris-Short (LPS) patient classes (see the glossary for a full description of these and all other legal classes). These two groups of patients are known to have some of the highest rates of assault, when compared to other patient groups (this will be discussed later in this report).

Figure 6
Net Change in Census by Legal Class



When analyzing violence over time, this underlying change in population means that using accurate comparisons across years will not be possible using yearly violence counts or totals. For this reason, this report will emphasize reporting violence using rates per 1,000 patient days. To better understand this concept (using a purely hypothetical example), one can easily understand that having 1,000 patient on patient assaults when the population totals 1,000 patients is not equivalent to having 1,000 patient on patient assaults when the population is 2,000. Although the violence counts in our hypothetical example are the equal (both 1000), the underlying population totals are different. Stated simply, the number of assaults does not take into account the change in the patient population.

Patient on patient assaults are formally defined in DSH as “Aggressive Act to Another Patient - Physical: Hitting, pushing, kicking or similar acts directed against another individual to cause potential or actual injury,” and DSH staff use the code “A2” to report such an assault, hence the use of the abbreviation in this report (an analogous definition is used for patient on staff assault, which is coded by staff as “A4.”)

B. Changes in Patient on Staff Assault Definition and Data Collection Procedures

In February 2015, all DSH hospital Standards & Compliance Directors attended a department wide data standardization meeting. The purpose of this meeting was to ensure uniform data definitions and collection procedures. After a hospital-by-hospital review of definitions and data collection procedures, it was discovered that DSH-Atascadero was defining patient on staff violence (A4) differently than the other four hospitals. DSH-Atascadero was only coding an event as an A4 incident when a patient made physical contact with a staff member, whereas the other four hospitals were coding an event as an A4 incident when physical contact with a staff member was made **or** when physical contact was **attempted** by the patient but not actually made.

During that same meeting, the Standards & Compliance Directors voted to move forward with a uniform definition of patient on staff violence; this uniform definition included incidents both when physical contact was made **or** when contact was **attempted** but not actually made.

In order to move forward with this definition, but still capture the data in a manner that DSH-Atascadero had used previously, it was also decided to incorporate a change in data collection procedures, so that patient on staff violence would be further categorized into acts in which contact was made and acts in which contact was attempted, but not actually made.

The effective date for these changes to A4 definitions and data collection procedures was January 1, 2016.

The reader should note that 2016 data contained within figures in this report utilized the revised definition described in this section. As a result, the 2016 data from DSH-Atascadero often shows an increase in the rates of patient on staff violence. Wherever this is the case the reader will see the following:

*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.*

For illustrative purposes, Figure 7 shows the DSH wide rate of assaultive incidents, by year, with the 2016 data from DSH-Atascadero consistent with the A4 definition used *prior* to January 1, 2016 (i.e. only A4 incidents where physical contact was made between patient and staff). This methodology, which is consistent with previous DSH Violence Reports, shows a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016.

Figure 7
DSH Wide Rate of Assaultive Incidents, by Year, with DSH-Atascadero Reporting Only 'Contact Made' A4 Assaults (Consistent with Previous Years)



C. Admission to a State Hospital is a Time of Increased Risk for Violence

Admission to a new hospital is a known risk period for dangerous, mentally ill patients, such as the forensic patients referred to DSH by the court system or the prisons. Research has shown this to be a period of higher stress as a patient acclimates to new surroundings and new social circumstances, different rules, etc. Especially for patients who are not stabilized on treatment medications (such as many new IST patients), this means that they may be more likely to exhibit violent behavior soon after admission.

Figure 8
DSH New Admissions 2010-2016: When Violent Acts Occur – How Soon After Admission

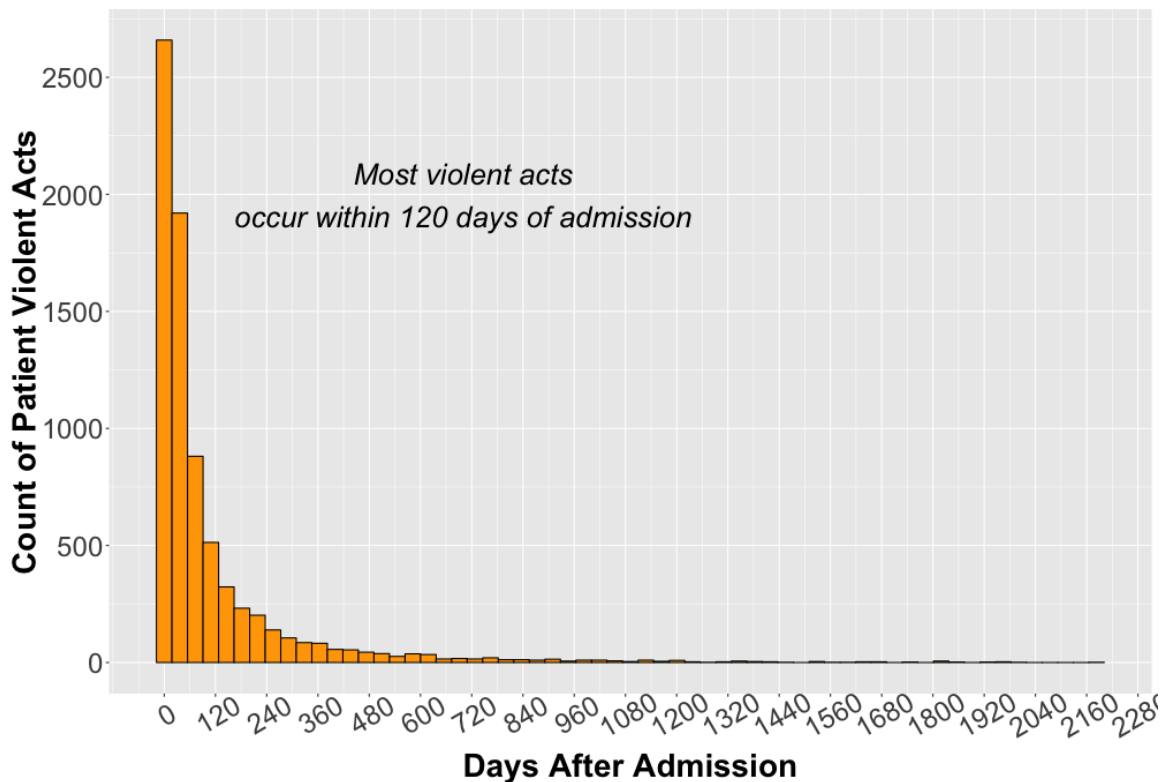


Figure 8 shows when all violent acts by new admits occur. As it shows, when one groups the violent acts committed by new patients according to how many days after admission they occur, it is clear

that most violent acts occur soon after admission. In fact, most violent acts by newly admitted patients occur within about 120 days after admission. This leaves very little margin for treatment teams to assess, plan and initiate treatments to reduce violence risk.

D. Violent Patients Typically Have Repeated Episodes of Violence

As was mentioned briefly in the Executive Summary (and will be detailed later in this report), most patients are not violent during the course of their hospitalization. However, patients who are violent while hospitalized often have multiple episodes of violence while hospitalized, occurring soon after the previous violent episode.

Examining the data on patients with violent incidents, Table 1 shows that during the most recent full calendar year (2016), while most patients treated were not violent, once a patient had one violent incident, there was a very high likelihood that that patient would continue to have subsequent violent incidents.

Table 1
Percentage of Patients with a Certain Number of Violent Acts Having a Subsequent Violent Act

VIOLENT ACTS	PATIENTS	% COMMITTING ANOTHER ACT
0	7834	-
1 or more	2352	-
2 or more	1183	$1183 / 2352 = 50.3\%$
3 or more	746	$746 / 1183 = 63.1\%$
4 or more	534	$534 / 746 = 71.6\%$
5 or more	393	$393 / 534 = 73.6\%$
6 or more	313	$313 / 393 = 79.6\%$
7 or more	243	$243 / 313 = 77.6\%$
8 or more	211	$211 / 243 = 86.8\%$
9 or more	180	$180 / 211 = 85.3\%$
10 or more	153	$153 / 180 = 85.0\%$

E. Violent Patients Have a Longer Length of Stay

Many patients in DSH are rapidly treated and discharged back to their community/referral source. When a patient is violent in DSH, they are typically hospitalized longer.

Table 2 shows that overall, during 2016 the median length of hospitalization for a patient who exhibited violence while in a DSH hospital was substantially longer than the length of stay for a non-violent patient. In fact, the median length of hospitalization for a patient with 10 or more violent acts is about 3 times that of a patient with no violent acts.

Table 2
Median Length of Hospitalization (In Days) for Patients in 2016, All Legal Classes

NUMBER OF VIOLENT ACTS	MEDIAN HOSPITALIZATION (DAYS)
None	333
One	368
Two	515
Three or Four	608
Five to Nine	662
Ten or More	906

F. Increased Length of Hospitalization for More Violent Patients Results in Higher Percentage of These Dangerous Patients Residing in the Hospitals

Because of both a) the more rapid admission and discharge of patients who are not violent in DSH hospitals and b) the increased length of stay/hospitalization for patients who are violent in DSH, the overall percentage of patients committing violent acts continues to increase over time.

As noted before, most patients who are admitted to DSH are not violent in the hospitals, despite the overwhelming majority of them being involuntarily hospitalized due to previous violent/dangerous behavior. However, if a patient treated in DSH is violent while in a DSH hospital, they are hospitalized longer. As can be seen in Figure 9 (and in more detail on Figure 10) the percentage of patients residing in DSH who were violent in a DSH hospital during their treatment stay has been increasing.

Figure 9
DSH Hospitals 2013-2016 Daily Percentage of In-Hospital Assaultive Patients
Residing in Hospitals

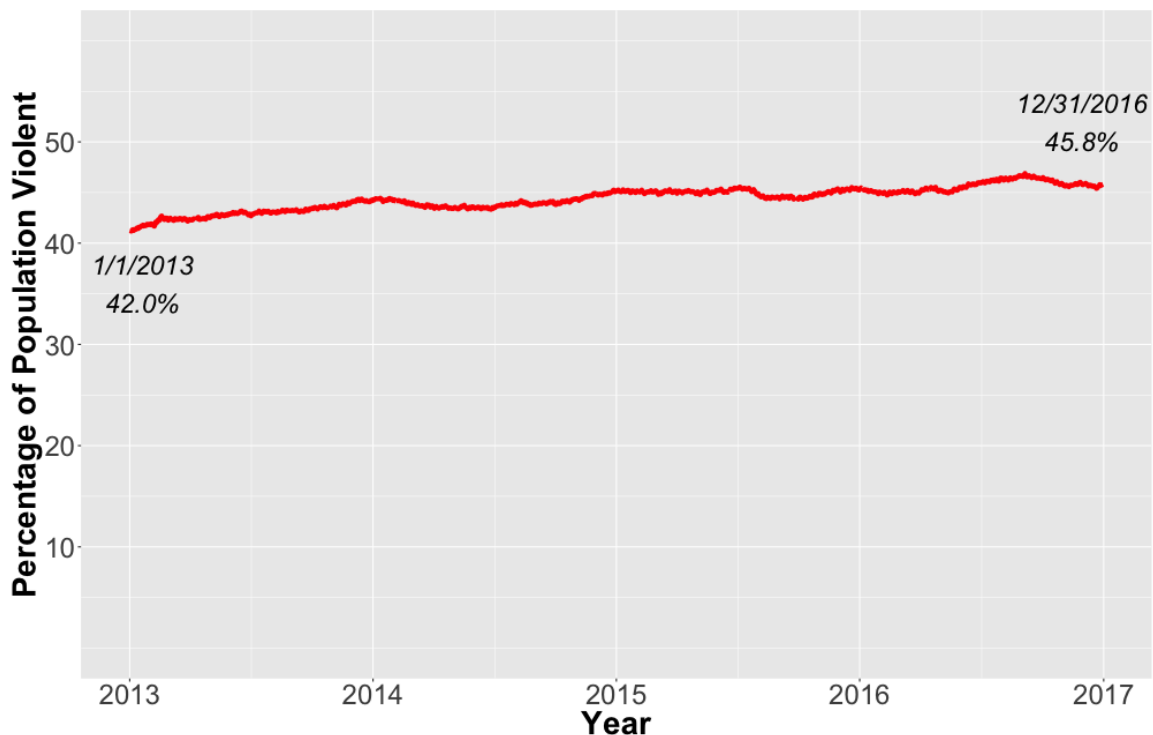
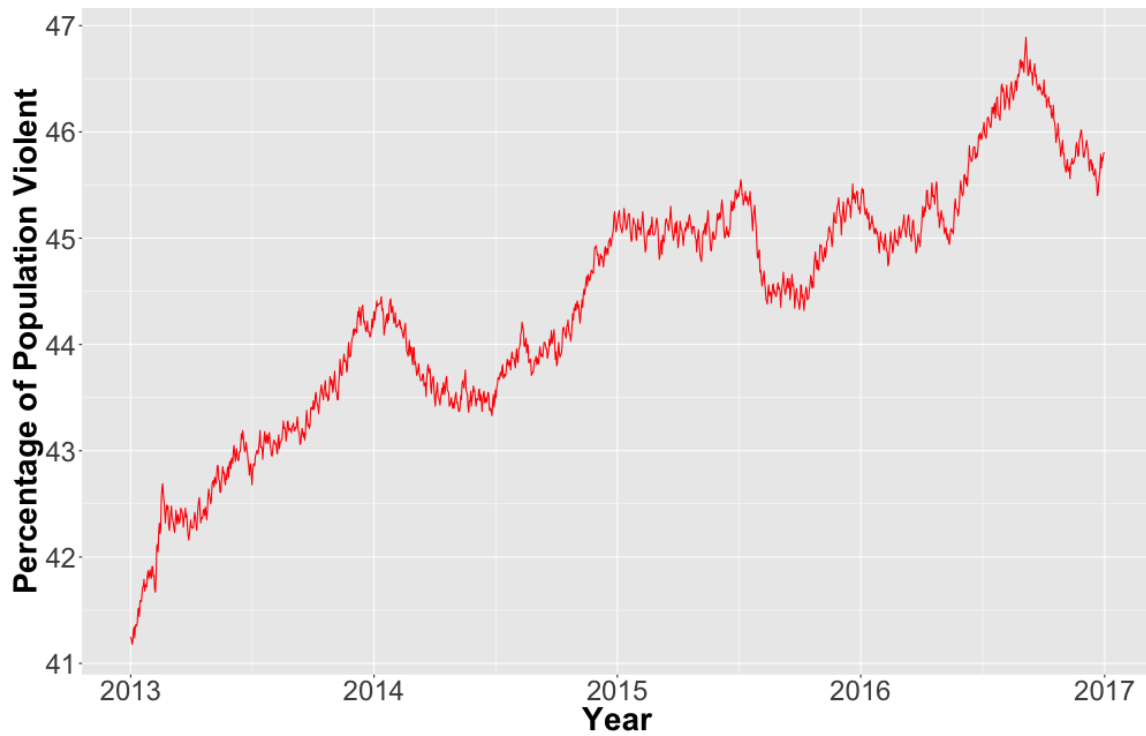


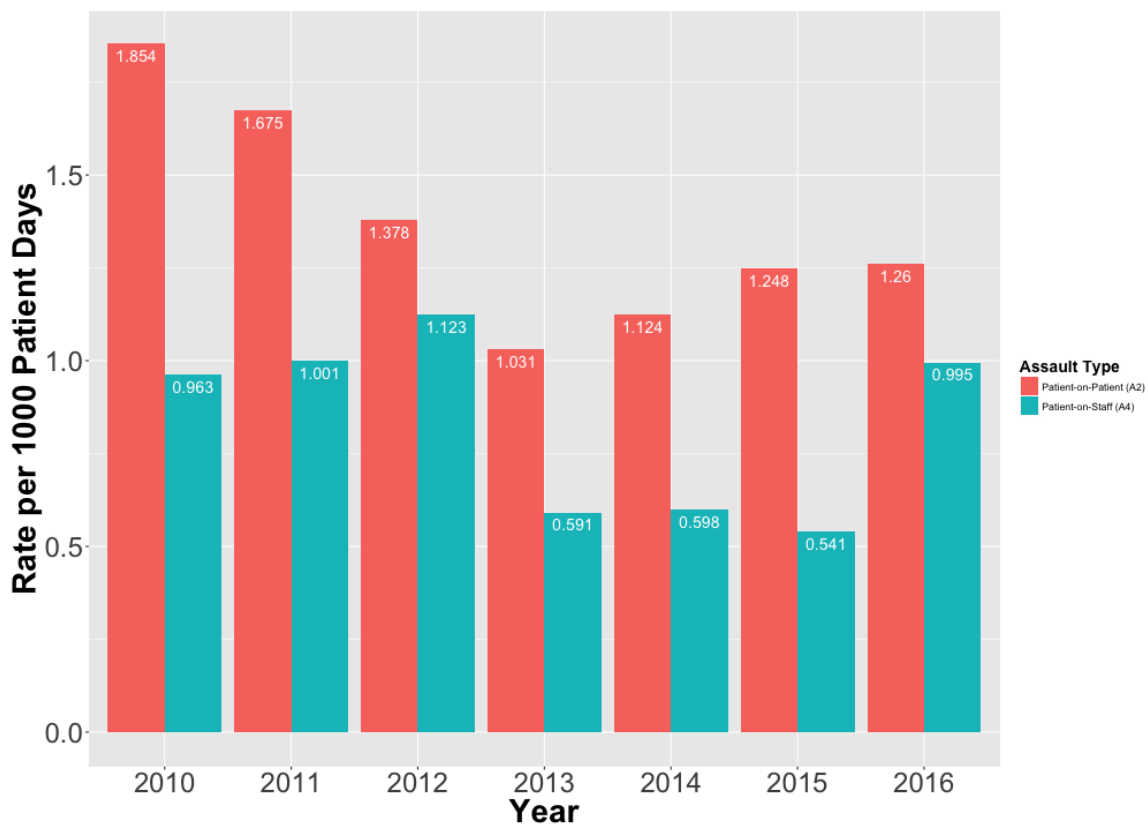
Figure 10
DSH Hospitals 2013-2016 Daily Percentage of In-Hospital Assaultive Patients
Residing in Hospitals



2. Rates of Violence, By Hospital

A. DSH-Atascadero

Figure 11
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Atascadero



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.

- Overall, the number of patient on patient assaults increased 6.5% over the 2015 total (see Table 3), while the number of patient on staff assaults increased by 94% from 2015 (see Table 4).
- Coupled with a population increase (measured in “total patient days”) in 2015 of 5.5%, the rate of patient on patient assault increased 1% over 2015 (see Table 3), while the rate of patient on staff assault increased 84% from 2015 (see Table 4), primarily due to a reporting change.

The following tables provide a yearly summary of the year-over-year changes in the assault rates.

Table 3
DSH-Atascadero Yearly A2 Patient on Patient Assault Summary

YEAR	PATIENT ON PATIENT ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	768	414313	1.854	NA
2011	684	408478	1.675	-9.7
2012	550	399075	1.378	-17.7
2013	396	384207	1.031	-25.2
2014	442	393194	1.124	9
2015	505	404796	1.248	11
2016	538	427041	1.26	1

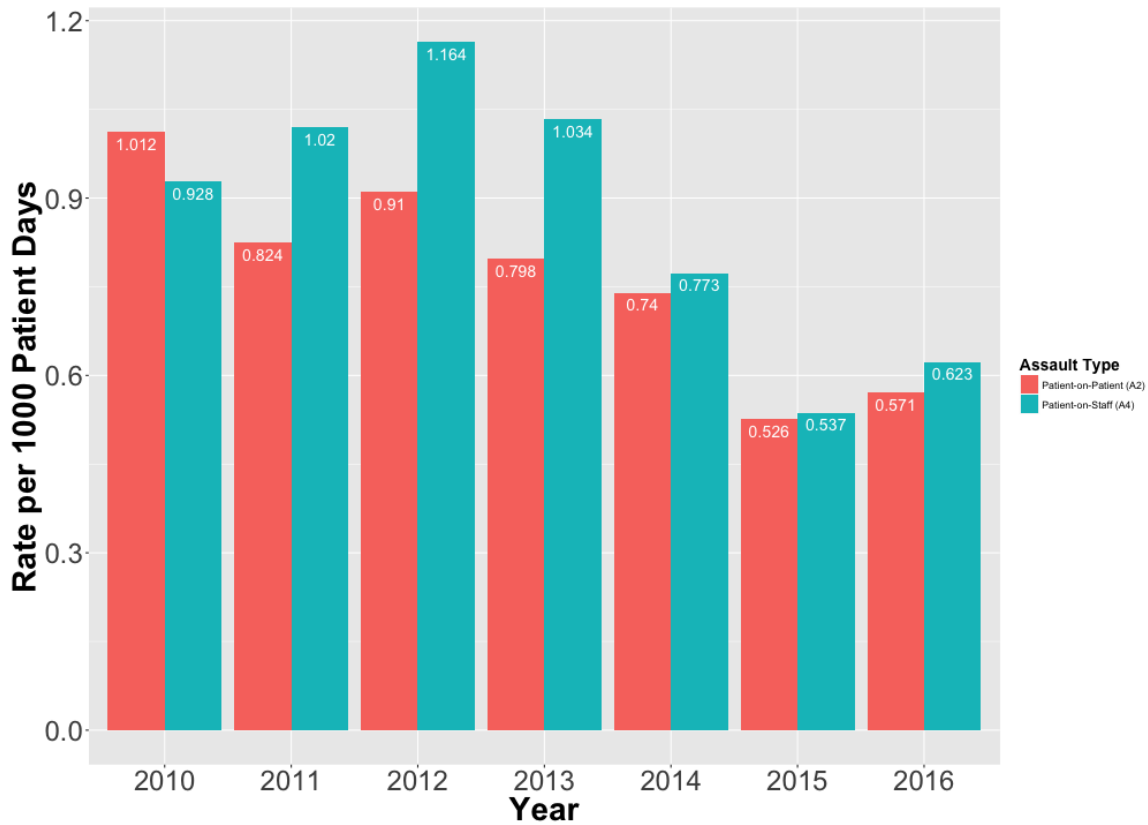
Table 4
DSH-Atascadero Yearly A4 Patient on Staff Assault Summary

YEAR	PATIENT ON STAFF ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	399	414313	0.963	NA
2011	409	408478	1.001	3.9
2012	448	399075	1.123	12.2
2013	227	384207	0.591	-47.4
2014	235	393194	0.598	1.2
2015	219	404754	0.541	-9.5
2016	425	427041	0.995	83.9

*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.*

B. DSH-Coalinga

Figure 12
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Coalinga



- Overall, the number of patient on patient assaults increased 14.2% over the 2015 total, while the number of patient on staff assaults increased 21.8% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 5.1%, the rate of patient on patient assault increased 8.6% over 2015 (see Table 5), while the rate of patient on staff assault increased 16% from 2015.

The following tables provide a yearly summary of the year-over-year changes in the assault rates.

Table 5
DSH-Coalinga Yearly A2 Patient on Patient Assault Summary

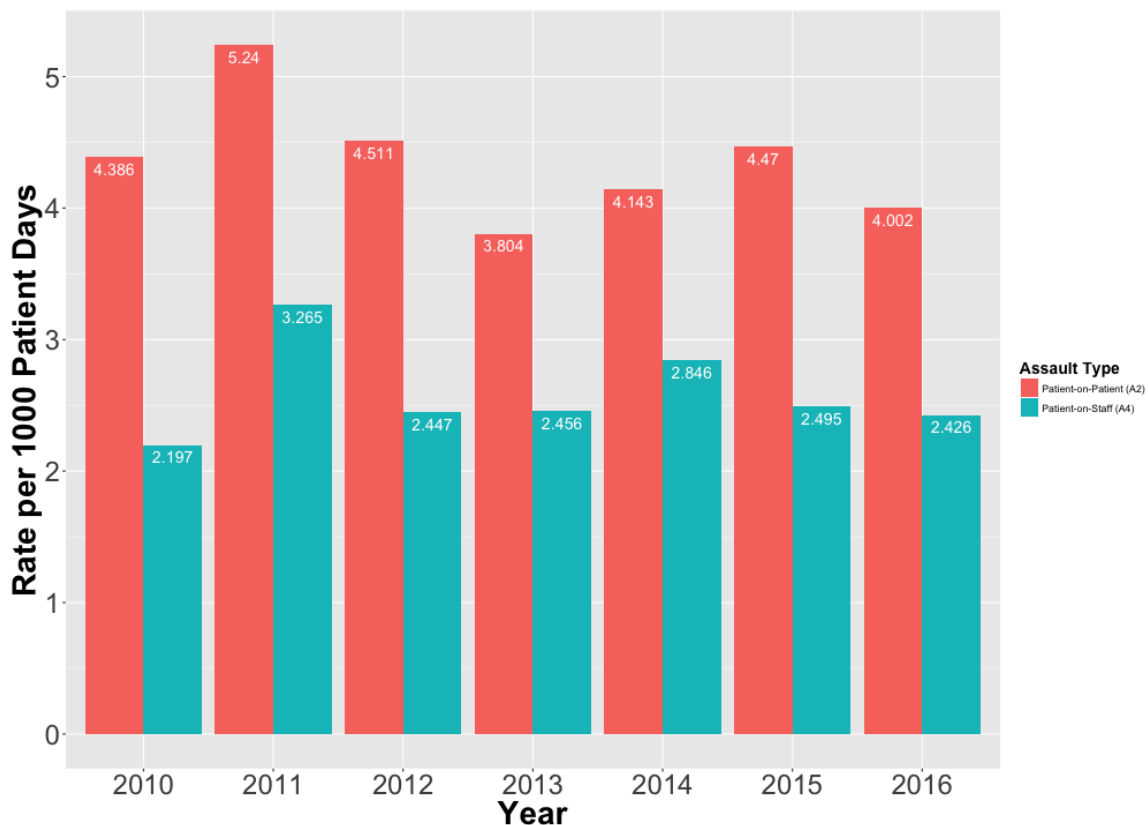
YEAR	PATIENT ON PATIENT ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	352	347927	1.012	NA
2011	290	352043	0.824	-18.6
2012	344	378122	0.91	10.4
2013	317	397491	0.798	-12.3
2014	312	421876	0.74	-7.3
2015	233	443186	0.526	-28.9
2016	266	465696	0.571	8.6

Table 6
DSH-Coalinga Yearly A4 Patient on Staff Assault Summary

YEAR	PATIENT ON STAFF ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	323	347927	0.928	NA
2011	359	352043	1.02	9.9
2012	440	378122	1.164	14.1
2013	411	397491	1.034	-11.2
2014	326	421876	0.773	-25.2
2015	238	443186	0.537	-30.5
2016	290	465696	0.623	16

C. DSH-Metropolitan

Figure 13
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Metropolitan



- Overall, the number of patient on patient assaults decreased 8% over the 2015 total, while the number of patient on staff assaults decreased less than a percent from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 2.7%, the rate of patient on patient assault decreased 10.5% over 2015 (see Table 7), while the rate of patient on staff assault decreased 2.8% from 2015.

The following tables provide a yearly summary of the year-over-year changes in the assault rates.

Table 7
DSH-Metropolitan Yearly A2 Patient on Patient Assault Summary

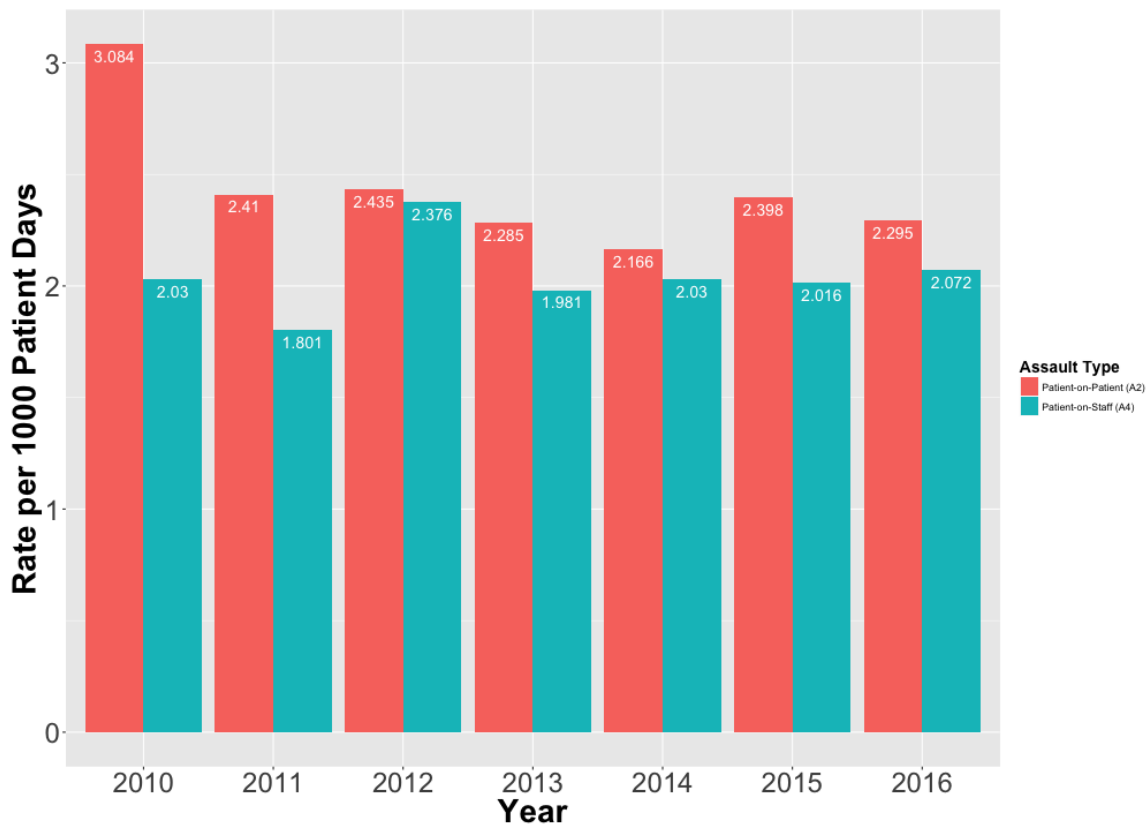
YEAR	PATIENT ON PATIENT ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1034	235768	4.386	NA
2011	1186	226342	5.24	19.5
2012	1060	234956	4.511	-13.9
2013	909	238968	3.804	-15.7
2014	1070	258248	4.143	8.9
2015	1193	266883	4.47	7.9
2016	1097	274136	4.002	-10.5

Table 8
DSH-Metropolitan Yearly A4 Patient on Staff Assault Summary

YEAR	PATIENT ON STAFF ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	518	235768	2.197	NA
2011	739	226342	3.265	48.6
2012	575	234956	2.447	-25.1
2013	587	238968	2.456	0.4
2014	735	258248	2.846	15.9
2015	666	266883	2.495	-12.3
2016	665	274136	2.426	-2.8

D.DSH-Napa

Figure 14
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Napa



- Overall, the number of patient on patient assaults decreased less than a percent over the 2015 total, while the number of patient on staff assaults increased 7.2% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 4.3%, the rate of patient on patient assault decreased 4.3% over 2015 (see Table 9), while the rate of patient on staff assault increased 2.8% from 2015.

The following tables provide a yearly summary of the year-over-year changes in the assault rates.

Table 9
DSH-Napa Yearly A2 Patient on Patient Assault Summary

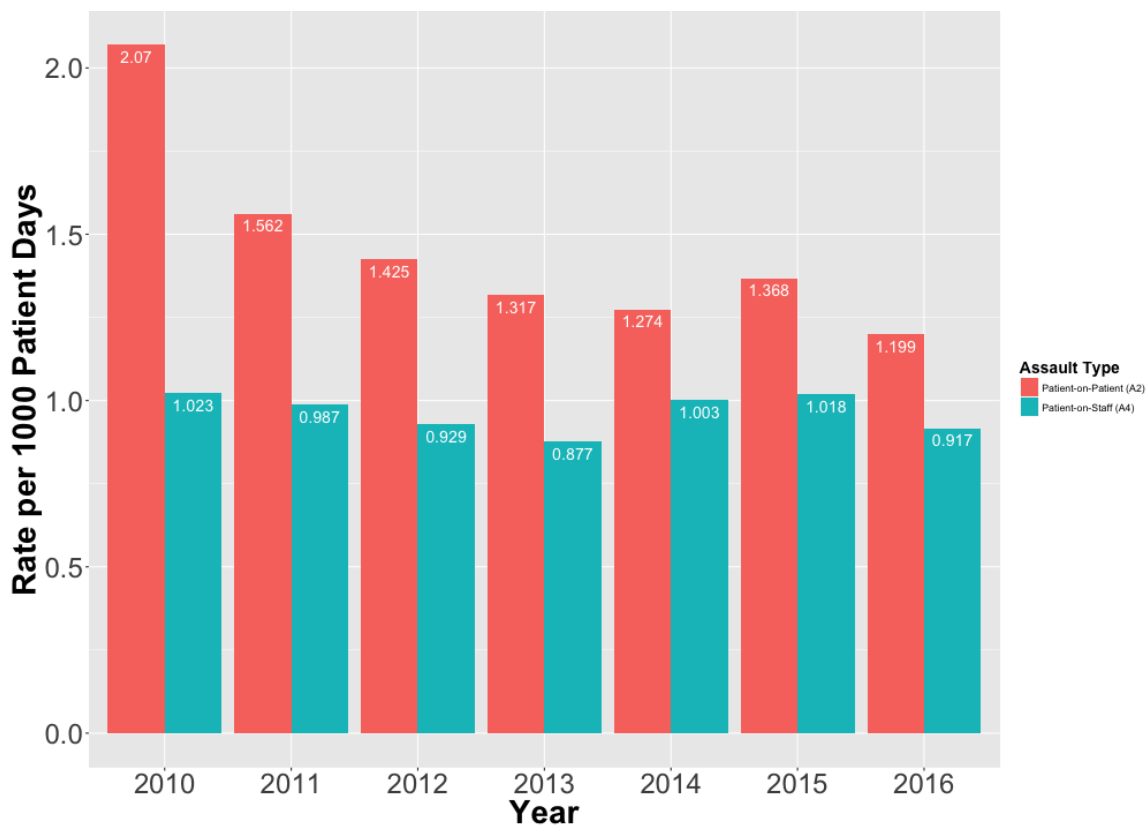
YEAR	PATIENT ON PATIENT ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1317	427010	3.084	NA
2011	1037	430347	2.41	-21.9
2012	1075	441413	2.435	1
2013	999	437114	2.285	-6.2
2014	939	433559	2.166	-5.2
2015	1054	439490	2.398	10.7
2016	1052	458409	2.295	-4.3

Table 10
DSH-Napa Yearly A4 Patient on Staff Assault Summary

YEAR	PATIENT ON STAFF ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	867	427010	2.03	NA
2011	775	430347	1.801	-11.3
2012	1049	441413	2.376	31.9
2013	866	437114	1.981	-16.6
2014	880	433559	2.03	2.5
2015	886	439490	2.016	-0.7
2016	950	458409	2.072	2.8

E. DSH-Patton

Figure 15
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Patton



- Overall, the number of patient on patient assaults decreased 11.5% over the 2015 total, while the number of patient on staff assaults decreased 9% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 1%, the rate of patient on patient assault decreased 12.4% over 2015 (see Table 11), while the rate of patient on staff assault decreased 9.9% from 2015.

The following tables provide a yearly summary of the year-over-year changes in the assault rates.

Table 11
DSH-Patton Yearly A2 Patient on Patient Assault Summary

YEAR	PATIENT ON PATIENT ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1190	574959	2.07	NA
2011	882	564601	1.562	-24.5
2012	815	571765	1.425	-8.8
2013	751	570062	1.317	-7.6
2014	723	567459	1.274	-3.3
2015	775	566620	1.368	7.4
2016	686	572218	1.199	-12.4

Table 12
DSH-Patton Yearly A4 Patient on Staff Assault Summary

YEAR	PATIENT ON STAFF ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	588	574959	1.023	NA
2011	557	564601	0.987	-3.5
2012	531	571765	0.929	-5.9
2013	500	570062	0.877	-5.6
2014	569	567459	1.003	14.4
2015	577	566620	1.018	1.5
2016	525	572218	0.917	-9.9

3. Number of Individual (Unique) Patient Aggressors

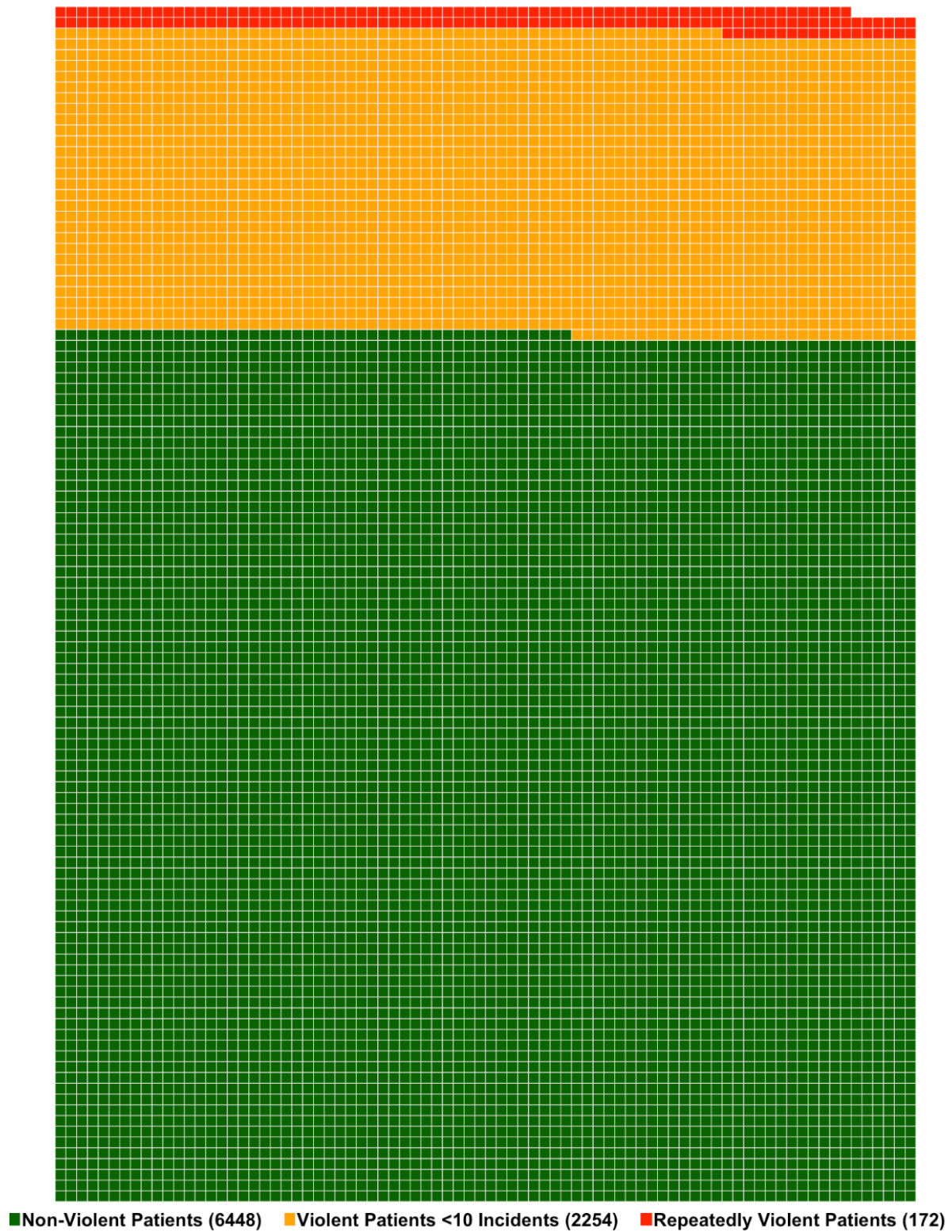
Patients and Aggressors in 2010

As can be seen in Figure 16, in 2010 the total number of patients treated in DSH hospitals numbered about 8,900, in total. Of these, most patients were not violent (shown in green), while a total of 2,426 were violent (the number of patients having 1-9 violent acts was 2,254, those with 10 or more violent acts numbered 172).

Thus, violent patients as a percentage of all patients treated were 27.3% of all those treated during 2010. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually between 42 to 47%.

In 2010, the 172 patients with 10 or more violent incidents in that year accounted for 35.9% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure 16
2010 DSH Patients and Aggressors, 1 Square = 1 Patient



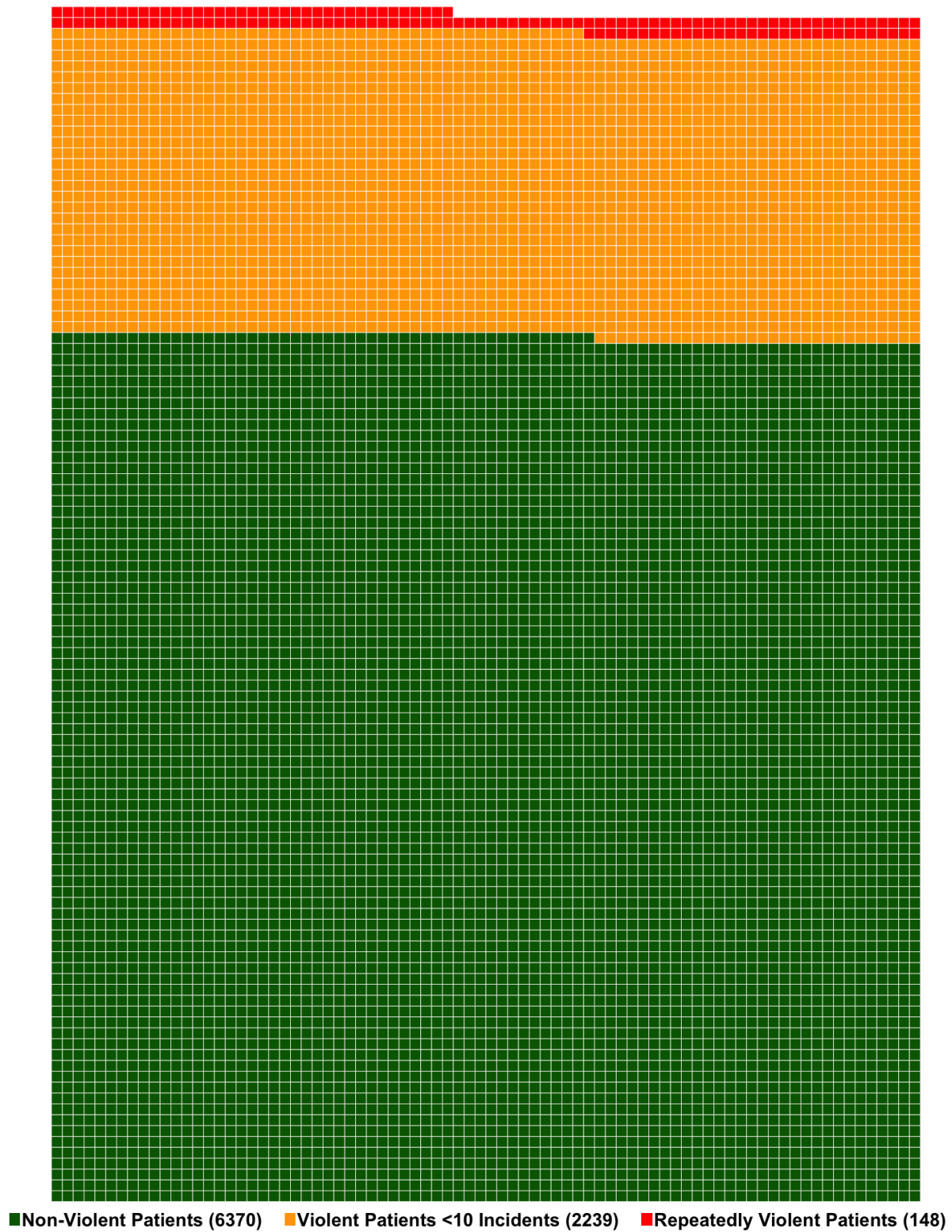
Patients and Aggressors in 2011

As can be seen in Figure 17 in 2011 the total number of patients treated in DSH hospitals numbered about 8,800. Of these, most patients were not violent, while a total of 2,387 were violent (the number of patients having 1-9 violent acts was 2,239, those with 10 or more violent acts numbered 148).

Thus, violent patients as a percentage of all patients treated were about 27.2% of all those treated during 2011. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually around 42 to 47%.

In 2011, the 148 patients with 10 or more violent incidents in that year accounted for 33.4% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure 17
2011 DSH Patients and Aggressors, 1 Square = 1 Patient



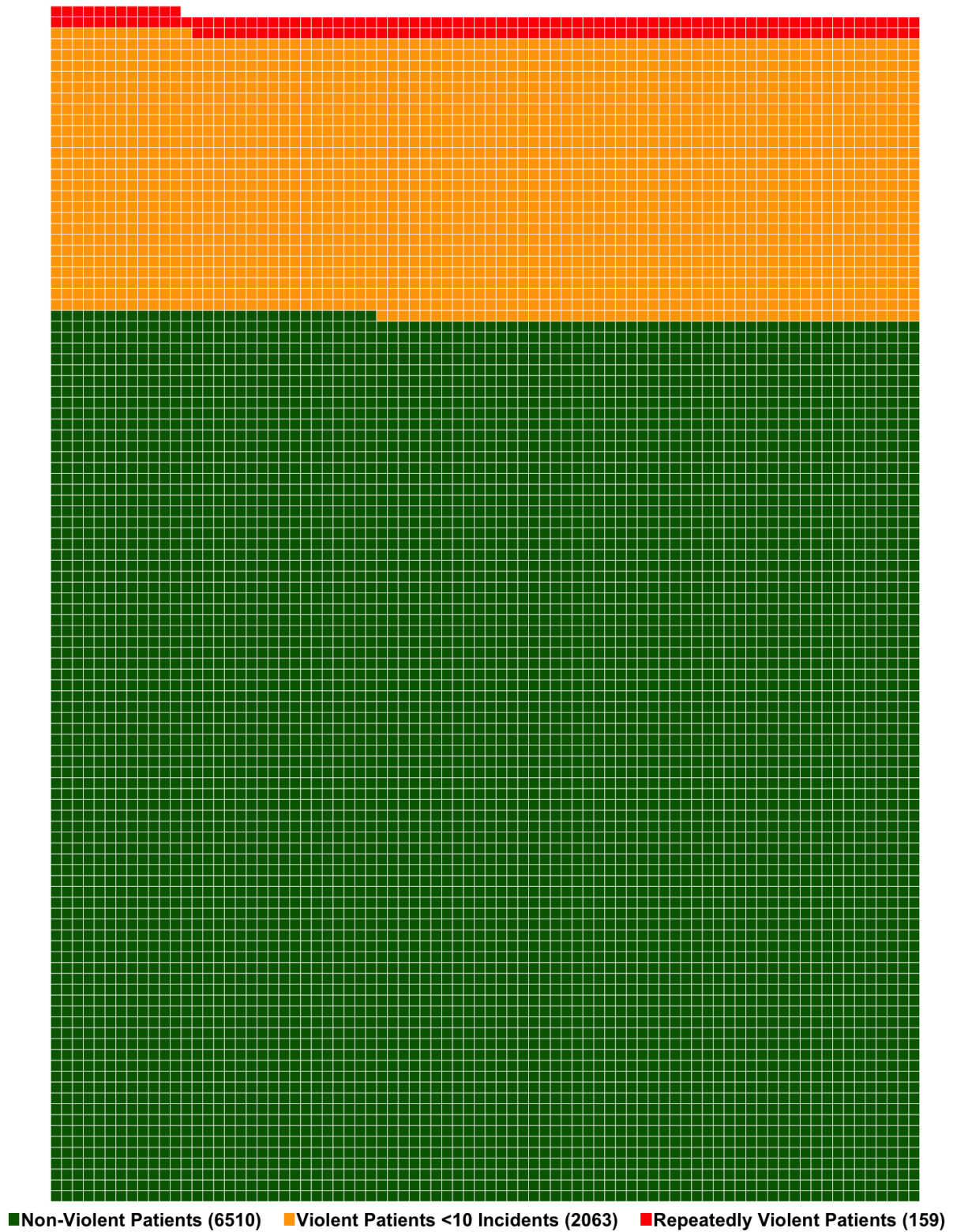
Patients and Aggressors in 2012

As can be seen in Figure 18, in 2012 the total number of patients treated in DSH hospitals was over 8,700. Of these, most patients were not violent, but 2,222 patients were violent (the number of patients having 1-9 violent acts was 2,063, those with 10 or more violent acts numbered 159).

Thus, violent patients as a percentage of all patients treated were about 25.4% of all those treated during 2012. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually around 42 to 47%.

In 2012, the 159 patients with 10 or more violent incidents in that year accounted for 38.2% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure 18
2012 DSH Patients and Aggressors, 1 Square = 1 Patient



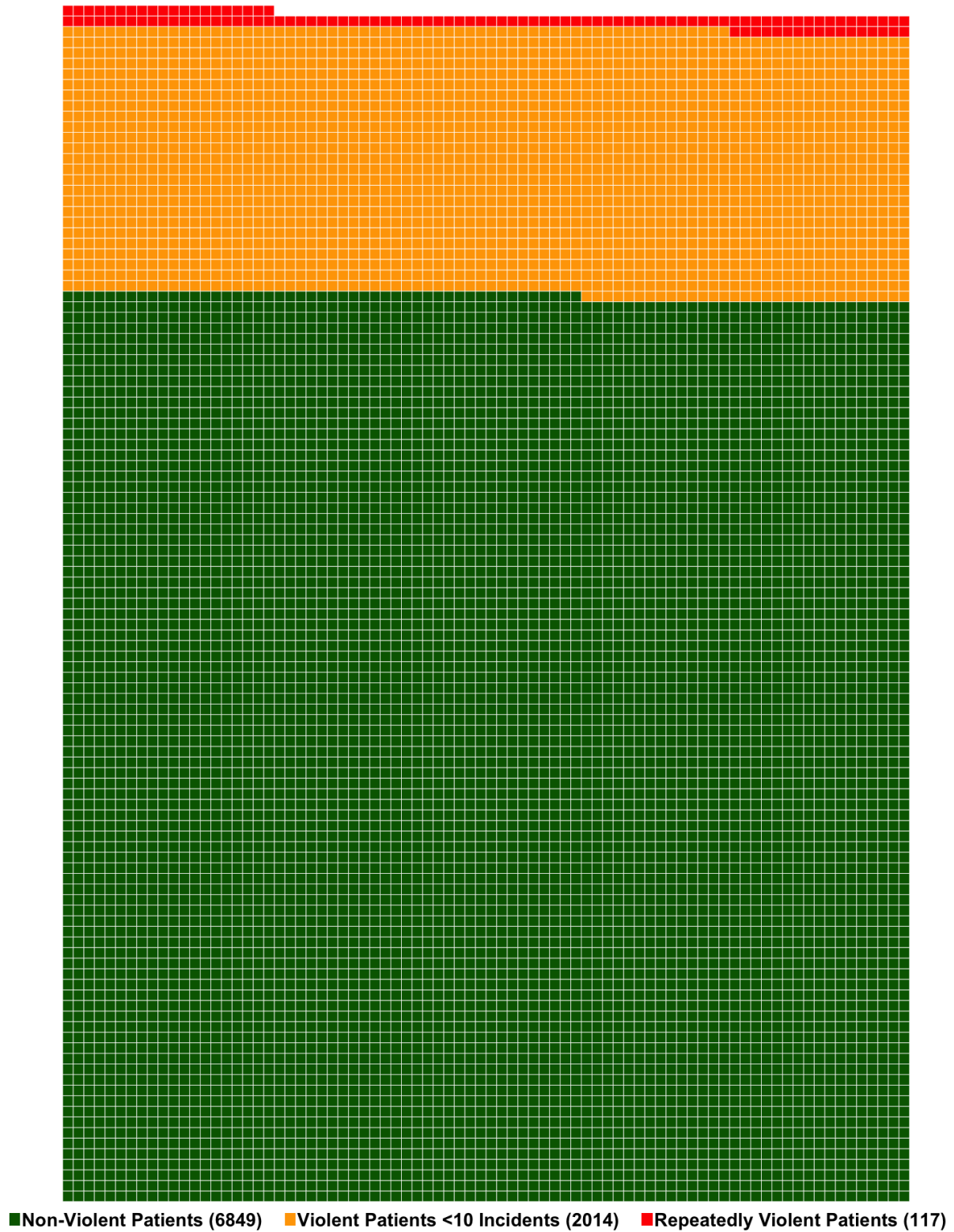
Patients and Aggressors in 2013

As can be seen in Figure 19, in 2013 the total number of patients treated in DSH hospitals was about 9,000. Again, most patients were not violent, but 2,131 patients were violent (the number of patients having 1-9 violent acts was 2,014, those with 10 or more violent acts numbered 117).

Thus, violent patients as a percentage of all patients treated were about 23.7% of all those treated during 2013. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually around 42 to 47%.

In 2013, the 117 patients with 10 or more violent incidents in that year accounted for 35.4% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure 19
2013 DSH Patients and Aggressors, 1 Square = 1 Patient



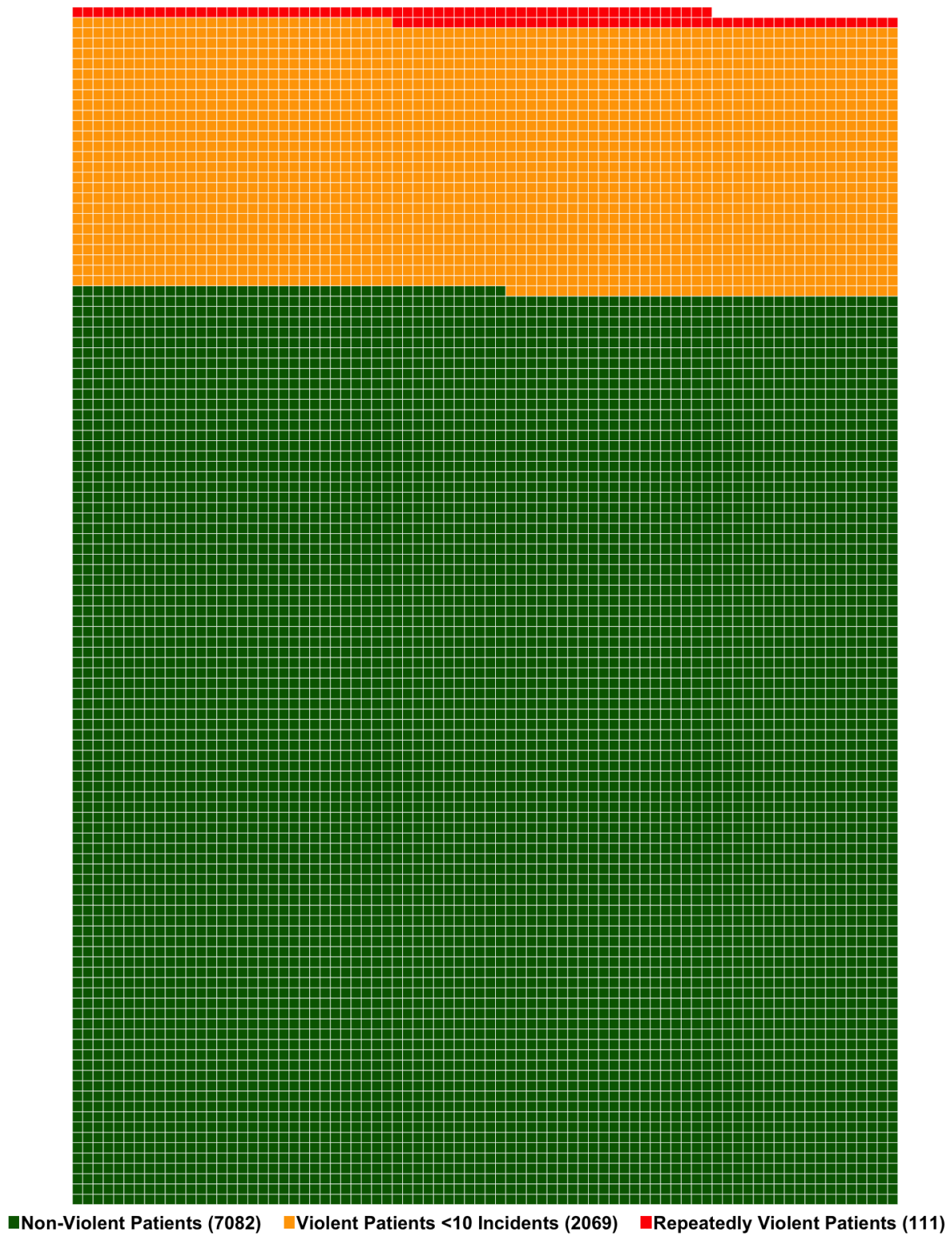
Patients and Aggressors in 2014

As can be seen in Figure 20, in 2014 the total number of patients treated in DSH hospitals was over 9,200. Again, most patients were not violent, but 2,180 patients were violent (the number of patients having 1-9 violent acts was 2,069, those with 10 or more violent acts numbered 111).

Thus, violent patients as a percentage of all patients treated were about 23.5% of all those treated during 2014. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually around 42 to 47%.

In 2014, the 111 patients with 10 or more violent incidents in that year accounted for 34.4% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure 20
2014 DSH Patients and Aggressors, 1 Square = 1 Patient



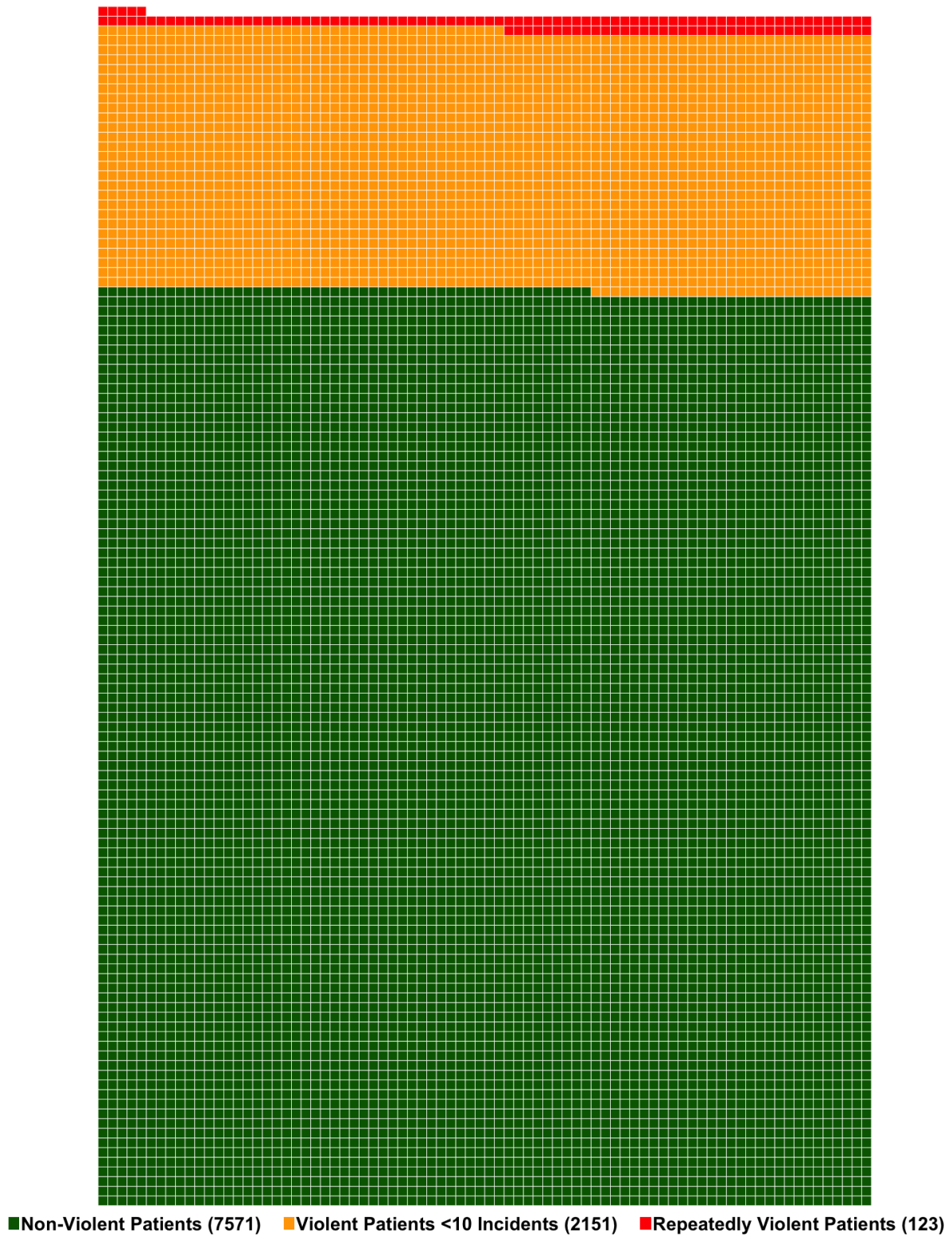
Patients and Aggressors in 2015

As can be seen in Figure 21, in 2015 the total number of patients treated in DSH hospitals was over 9,800. Again, most patients were not violent, but 2,274 patients were violent (the number of patients having 1-9 violent acts was 2,151, those with 10 or more violent acts numbered 123).

Thus, violent patients as a percentage of all patients treated were about 23.1% of all those treated during 2015. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually around 42 to 47%.

In 2015, the 123 patients with 10 or more violent incidents in that year accounted for 33.7% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure 21
2015 DSH Patients and Aggressors, 1 Square = 1 Patient



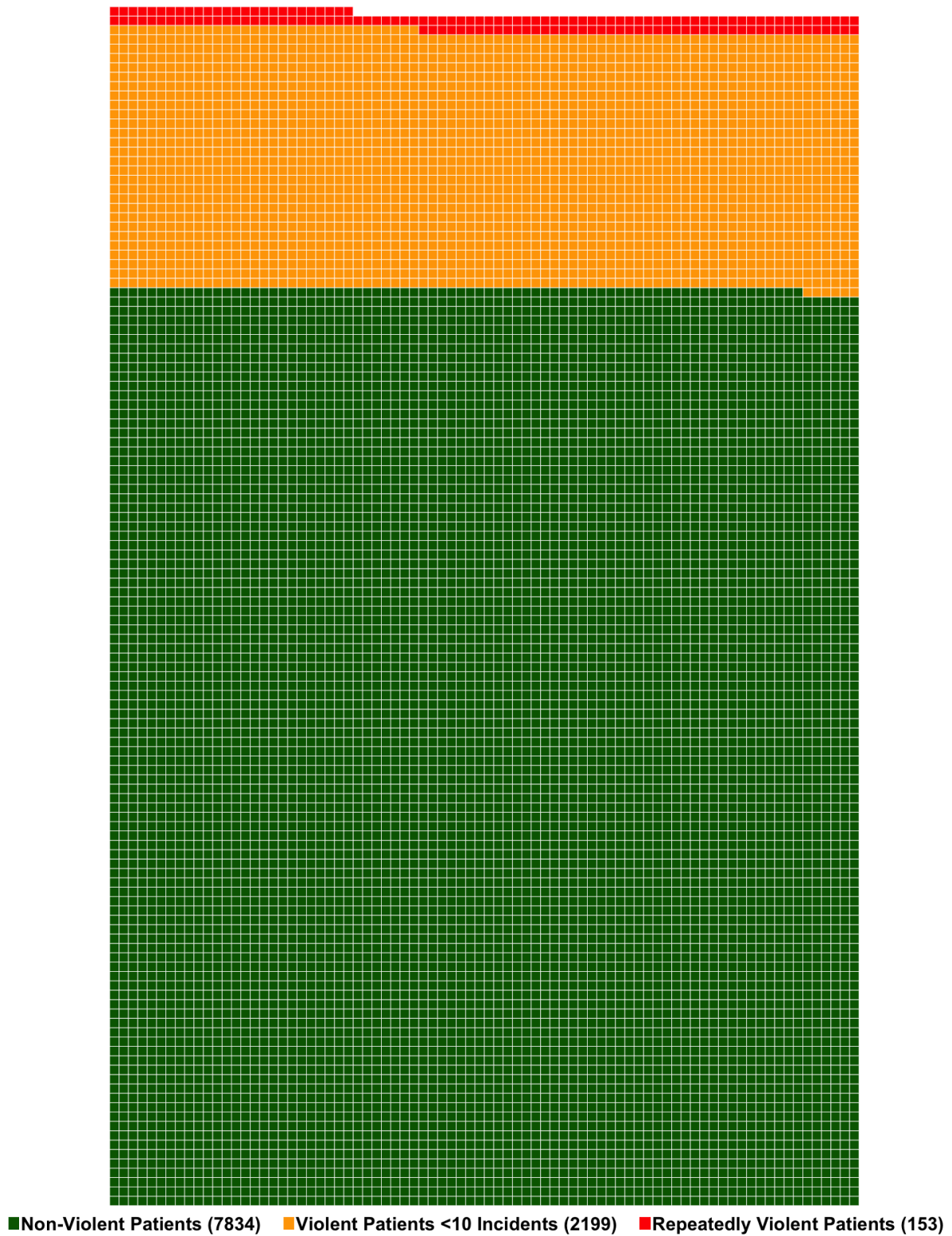
Patients and Aggressors in 2016

As can be seen in Figure 1, in 2016 the total number of patients treated in DSH hospitals was over 10,000. Again, most patients were not violent, but 2,352 patients were violent (the number of patients having 1-9 violent acts was 2,199, those with 10 or more violent acts numbered 153).

Thus, violent patients as a percentage of all patients treated were about 23.1% of all those treated during 2016. As noted previously in [Section II.1.E](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually around 42 to 47%.

In 2016, the 153 patients with 10 or more violent incidents in that year accounted for 37.0% of all violent patient on patient and patient on staff assault incidents; see [Section II.5](#) of this report for more information on this.

Figure I
2016 DSH Patients and Aggressors, 1 Square = 1 Patient



4. Patient Injury Severity Data

In this section, the information on patient injury severity is presented, grouped by whether a patient was described as a “victim” or as an “aggressor.”

For both groups, the information is given by descriptors “S1” through “S5” based on the level of treatment needed by the patient (“S1” being the least severe injury level, and “S5” being the most severe), see the descriptors in Table 13:

Table 13
Injury Severity Codes and Descriptions

CODE	DESCRIPTION
S1	No treatment
S2	Minor first aid
S3	Medical treatment
S4	Hospitalization
S5	Death

Readers should note that this report only contains information on patient injuries. Consistent staff injury data collection presents unique challenges due to the confidential nature of staff’s protected health information. As a result, there is no way to reliably collect that data.

The injury severity rates are presented in terms of rates per 100,000 patient days.

A. Patient Victim Injuries Suffered During Assaults

Injury Severity SI – No Treatment

Figure 22

Annual Rate of Patient Injury Due to Assault: Severity SI - No Treatment (Victims), per 100,000 Patient Days

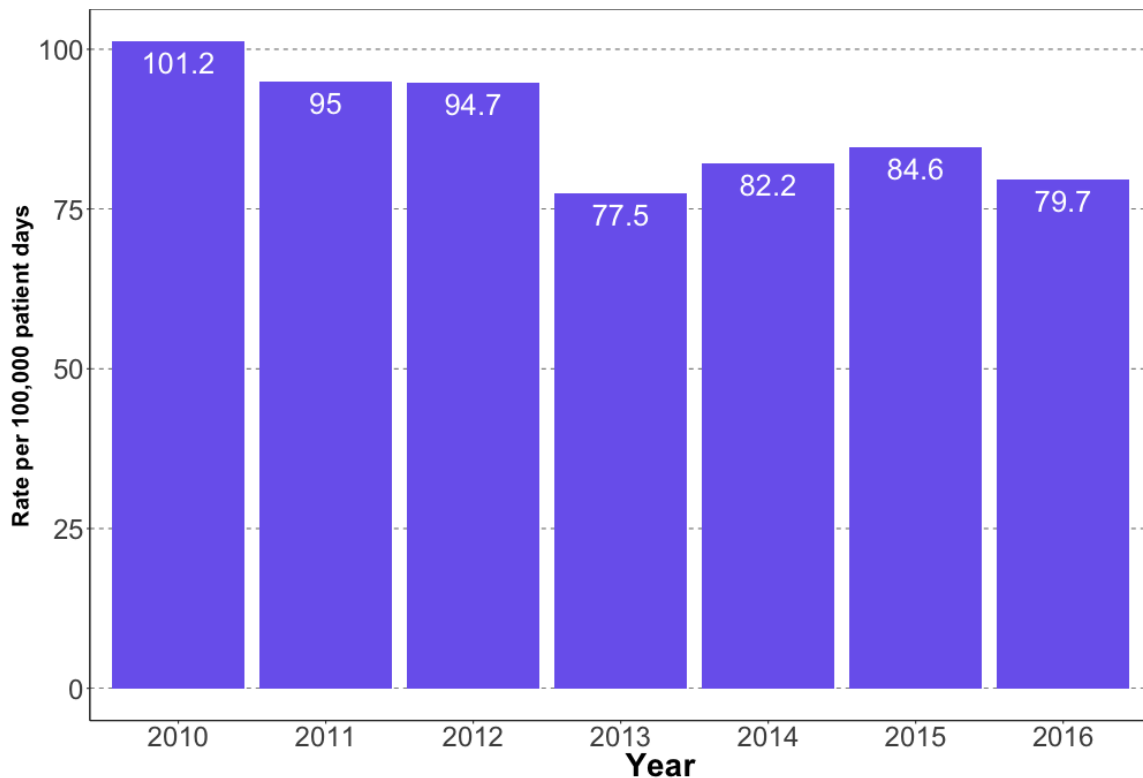


Table 14
SI Victim Injury Rates

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	1999977	2024	101.2
2011	1981811	1882	95
2012	2025331	1917	94.7
2013	2027842	1571	77.5
2014	2074336	1705	82.2
2015	2120975	1795	84.6
2016	2197500	1751	79.7

Injury Severity S2 – Minor First Aid

Figure 23

Annual Rate of Patient Injury Due to Assault: Severity S2 - Minor First Aid (Victims), per 100,000 Patient Days

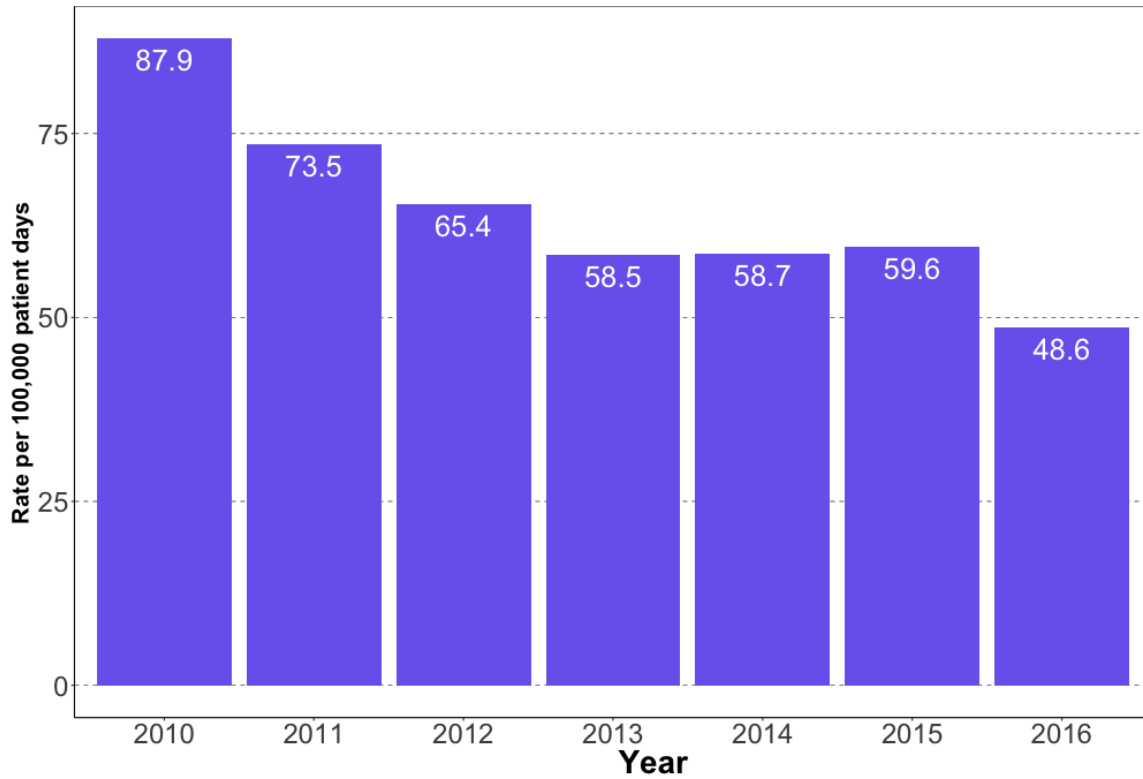


Table 15
S2 Victim Injury Rates

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	1999977	1757	87.9
2011	1981811	1456	73.5
2012	2025331	1325	65.4
2013	2027842	1187	58.5
2014	2074336	1218	58.7
2015	2120975	1264	59.6
2016	2197500	1067	48.6

Injury Severity S3 – Medical Treatment

Figure 24

Annual Rate of Patient Injury Due to Assault: Severity S3 – Medical Treatment (Victims), per 100,000 Patient Days

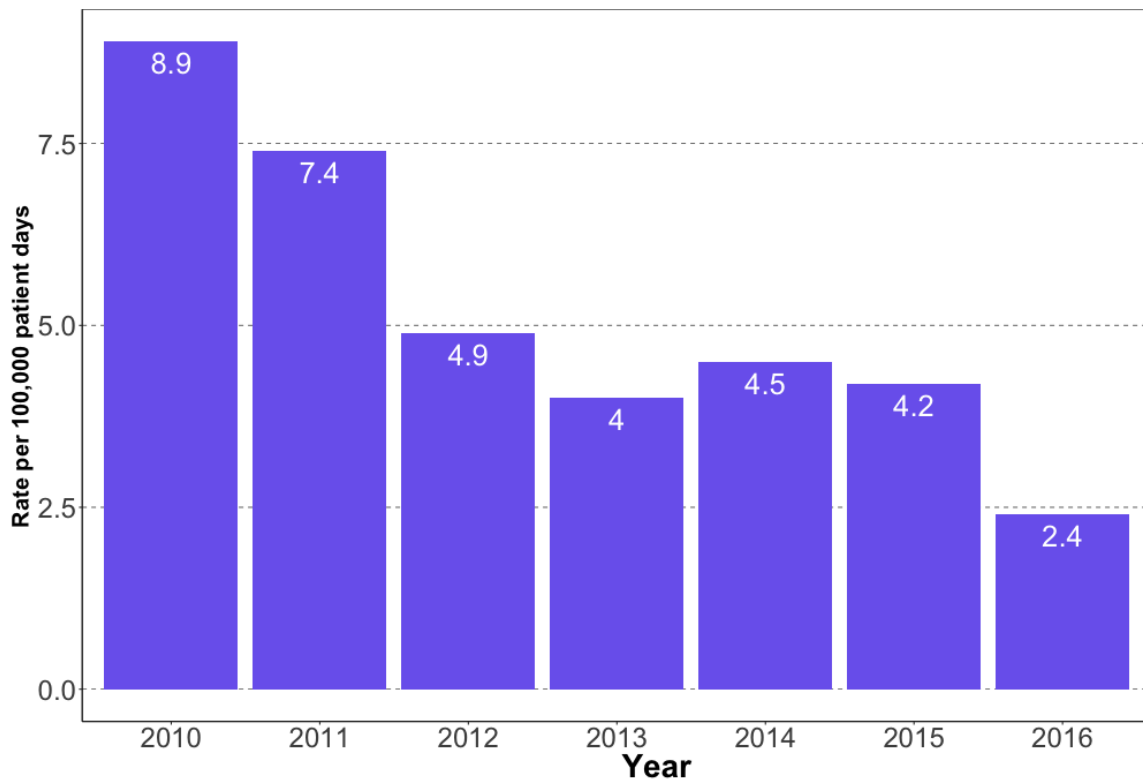


Table 16
S3 Victim Injury Rates

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	1999977	178	8.9
2011	1981811	146	7.4
2012	2025331	100	4.9
2013	2027842	82	4.0
2014	2074336	93	4.5
2015	2120975	90	4.2
2016	2197500	52	2.4

Injury Severity S4 – Hospitalization

Figure 25
Annual Rate of Patient Injury Due to Assault: Severity S4 – Hospitalization (Victims), per 100,000 Patient Days

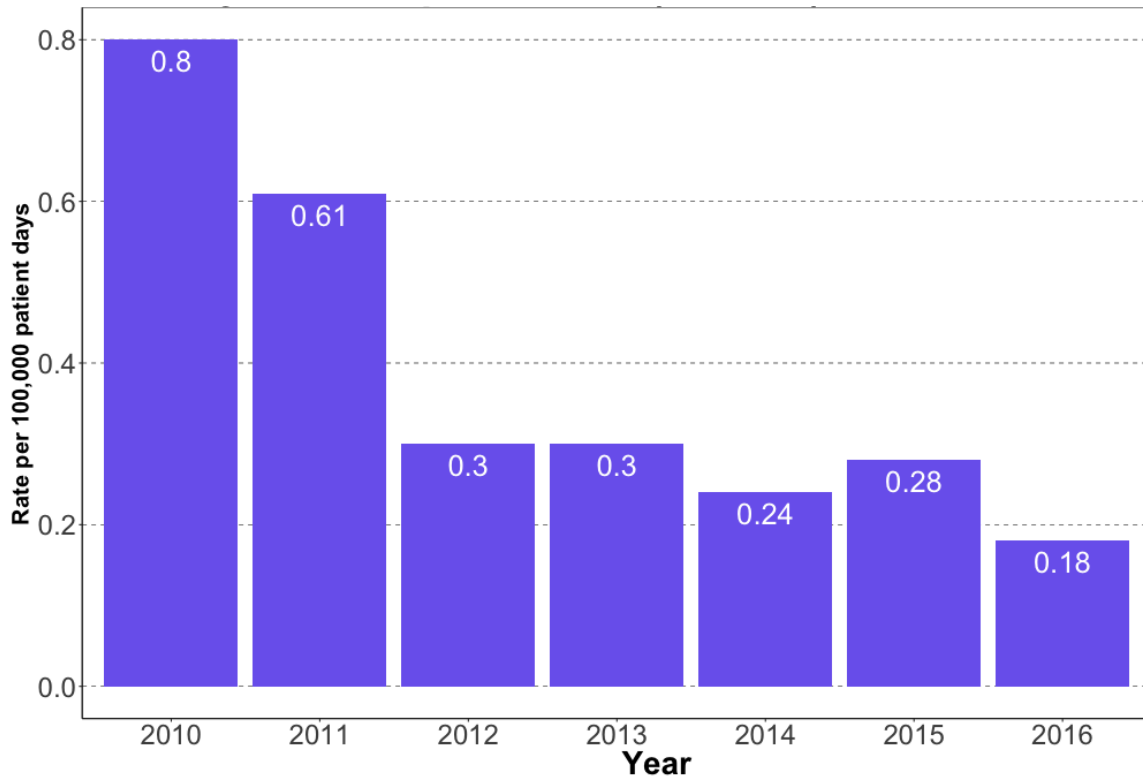


Table 17
S4 Victim Injury Rates

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	1999977	16	0.8
2011	1981811	12	0.61
2012	2025331	6	0.3
2013	2027842	6	0.3
2014	2074336	5	0.24
2015	2120975	6	0.28
2016	2197500	4	0.18

Injury Severity S5 – Death

Figure 26

Annual Rate of Patient Injury Due to Assault: Severity S5 – Death (Victims), per 100,000 Patient Days

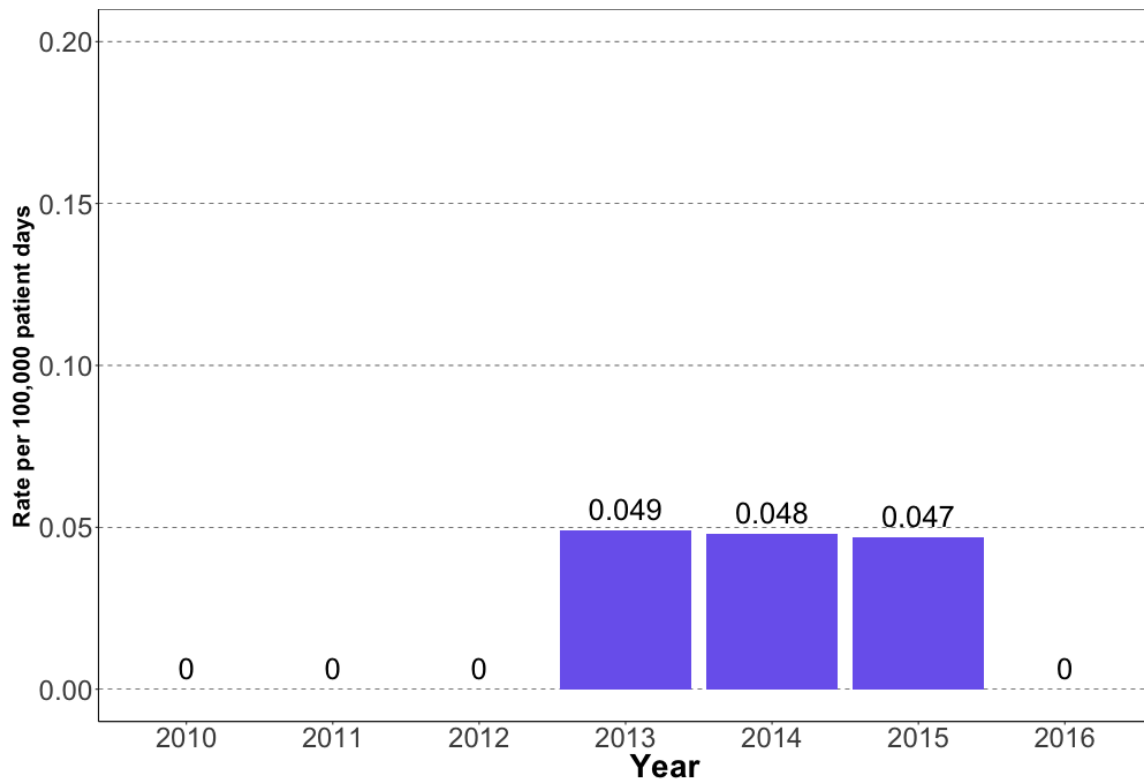


Table 18
S5 Victim Injury Rates

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	1999977	0	0
2011	1981811	0	0
2012	2025331	0	0
2013	2027842	1	0.049
2014	2074336	1	0.048
2015	2120975	1	0.047
2016	2197500	0	0

5. Number of Patients with 10 or More Assaults per Year

A. Patients with 10 or More Aggressive Acts in a Single Year

The number of individual patients with more than 10 aggressive/violent incidents per year rose again, as can be seen in Figure 26. Given the 3.5% increase in population in 2016 (there were 9845 unique patients treated in DSH during 2015 and 10186 unique patients treated in 2016), the increase from 123 patients in 2015 to 153 patients in 2016 represents a 0.25% increase in absolute terms, since the 123 repeatedly violent patients represented 1.25% of the population in DSH in 2015, and the 153 repeatedly violent patients represented 1.50% of the population in 2016.

Figure 27
Number of Individual Patients with 10 or More Assaults in a Calendar Year

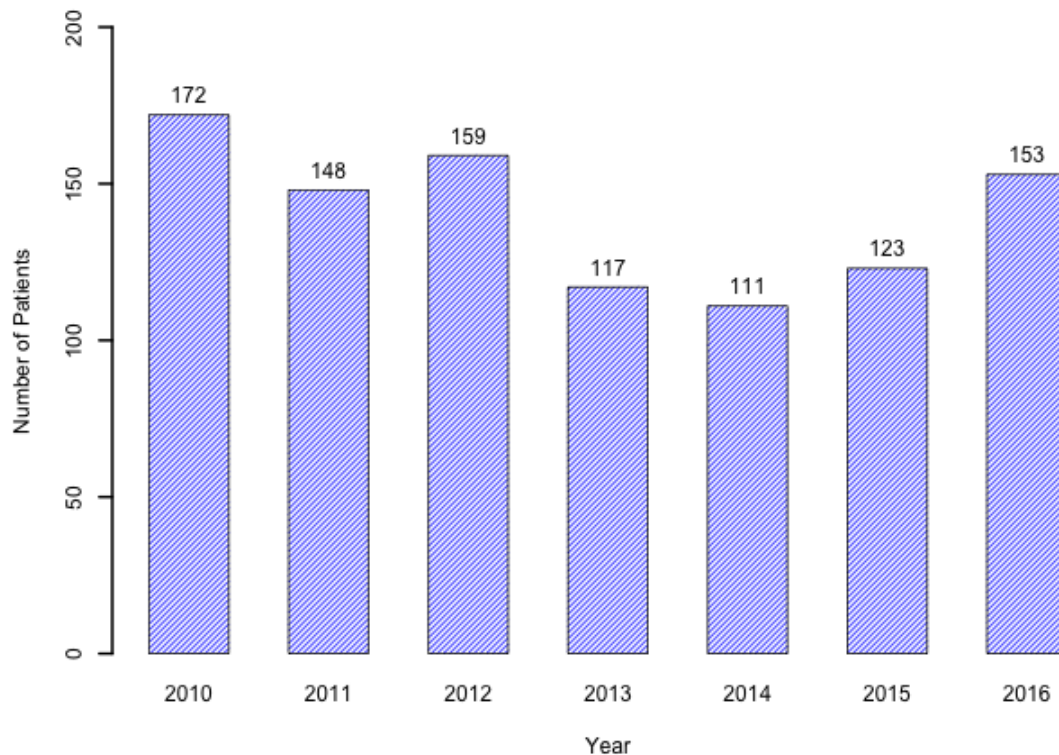


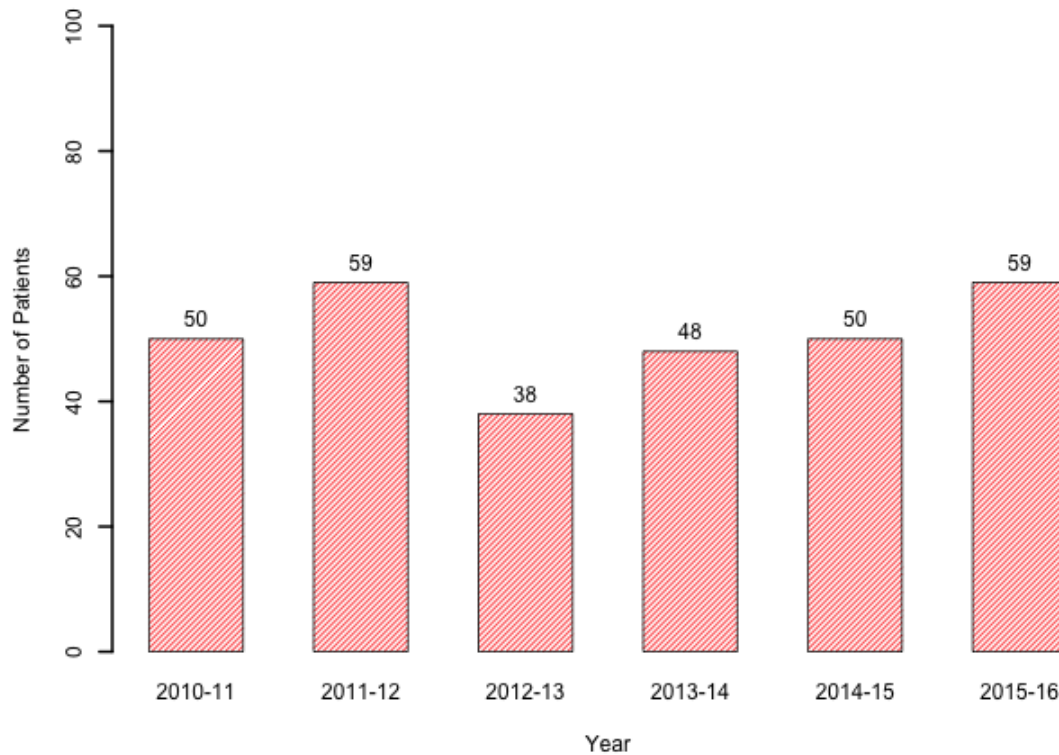
Table 19
Year-by-Year Summary of Patients with 10 or More Aggressive Acts

YEAR	SUMMARY
2010	172 patients with 10 or more violent incidents accounted for 35.9% of all violent patient on patient and patient on staff assault incidents
2011	148 patients with 10 or more violent incidents accounted for 33.4% of all violent patient on patient and patient on staff assault incidents
2012	159 patients with 10 or more violent incidents accounted for 38.2% of all violent patient on patient and patient on staff assault incidents
2013	117 patients with 10 or more violent incidents accounted for 35.2% of all violent patient on patient and patient on staff assault incidents
2014	111 patients with 10 or more violent incidents in that year accounted for 34.4% of all violent patient on patient and patient on staff assault incidents
2015	123 patients with 10 or more violent incidents accounted for 33.7% of all violent patient on patient and patient on staff assault incidents
2016	153 patients with 10 or more violent incidents accounted for 37.0% of all violent patient on patient and patient on staff assault incidents

Note: See [Section II.5](#) of this report for more information on this table.

B. Patients with 10 or More Aggressive Acts Two Years in a Row

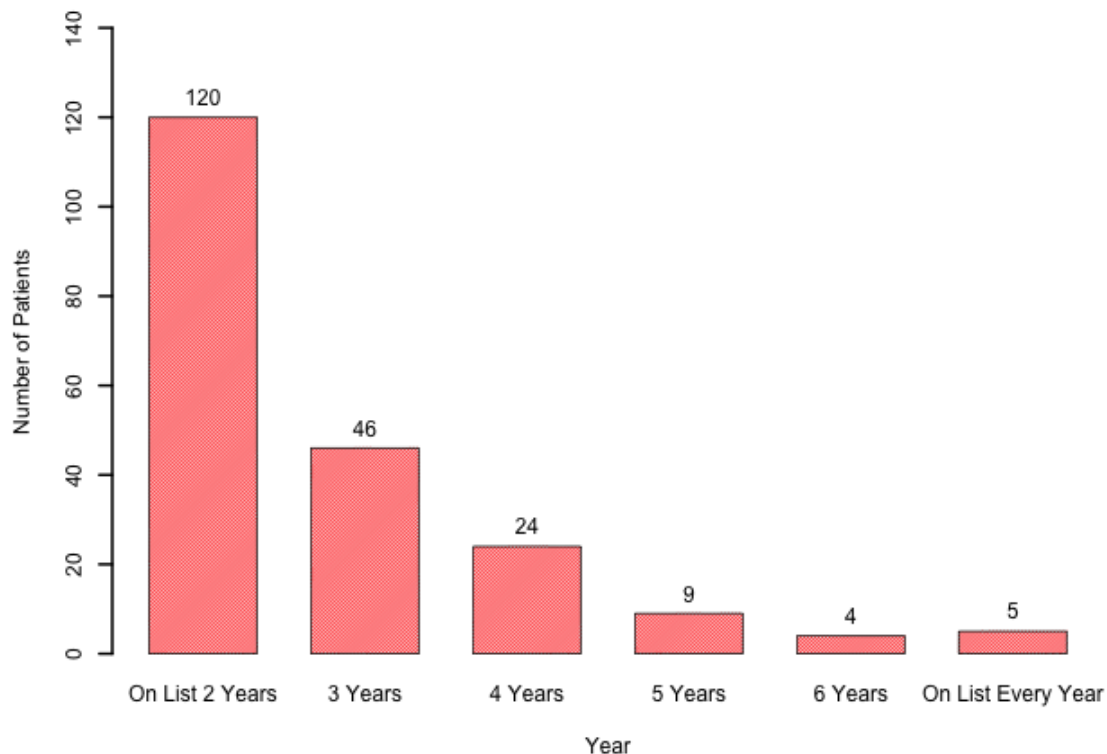
Figure 28
Patients with 10 or More Violent Acts, Across Two Consecutive Calendar Years



As the Figure 28 shows, there was a consistent number of patients with 10 or more violent incidents across two consecutive calendar years during 2010-2016. As a rate, the 48 patients in 2013-14 represent 0.26% of the total patients treated those years; the 50 patients in 2014-15 represent again 0.26%, and the 59 patients in 2015-16 represent about 0.29% of all the patients treated in DSH during those periods.

C. Patients with 10 or More Violent Acts, For Any Two, Three Year Period, or For All Four Years

Figure 29
Patients with 10 or More Violent Incidents Across Any Two, Three, Four, or Five Years (Not Necessarily Consecutive), or for All Six Years During 2010-2015



When any multiple year period (not necessarily consecutive years) is considered, there are a very small number of patients who had multiple, repeated incidents of violence.

Individual Breakdown:

- The 5 patients on the list of patients with 10 or more violent acts, for all seven years during 2010-2016, accounted for 671 incidents, or about 134.2 violent acts for each individual patient, on average.
- The 4 patients who were on the list of patients with 10 or more violent incidents, for six years during 2010-16, also accounted for 671 aggressive/violent incidents, or about 167.8 violent acts per patient, on average.
- The 9 patients on the list for five years accounted for 1,189 aggressive/violent incidents, or about 132.1 violent acts per patient, on average.

- The 24 patients on the list for four years accounted for 2,252 aggressive/violent incidents, or about 93.8 violent acts per patient, on average.
- The 46 patients on the list for four years accounted for 3,076 aggressive/violent incidents, or about 66.9 violent acts per patient, on average.
- The 120 patients on the list for any two (not necessarily consecutive) years accounted for 5,837 violent incidents, or about 48.6 violent acts per individual patient, on average.

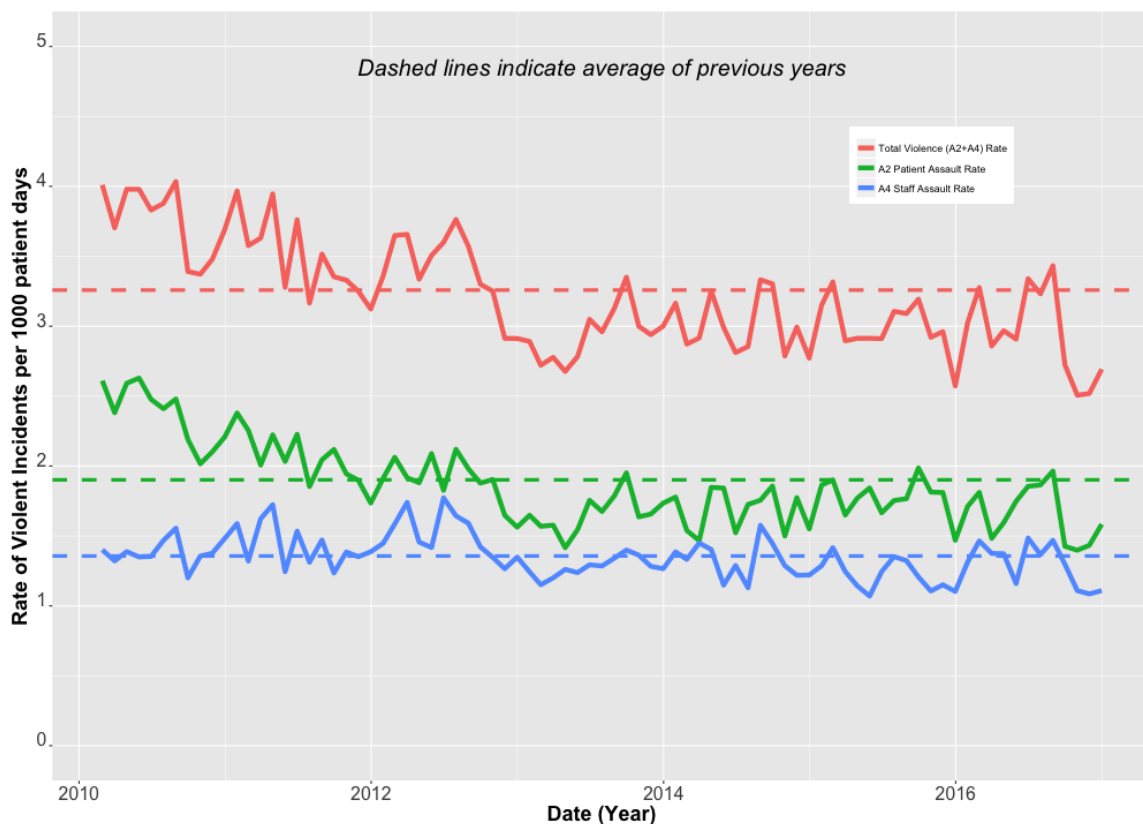
By way of comparison, this small group of patients (numbering 208, or about 0.6% of the total 32,810 unique patients treated during 2010-16) were involved as aggressors in 13,696 violent physical patient on patient or patient on staff assaults (approximately 26.3% of all the violent incidents recorded) during this seven year period 2010-2016.

Section III: In-Depth Analysis of Monthly Violence Data

I. Monthly Violence Rates Across DSH Overall

A. Monthly Rates of Assaults

Figure 30
DSH Monthly Rates of Aggressive Incidents, per 1000 Patient Days

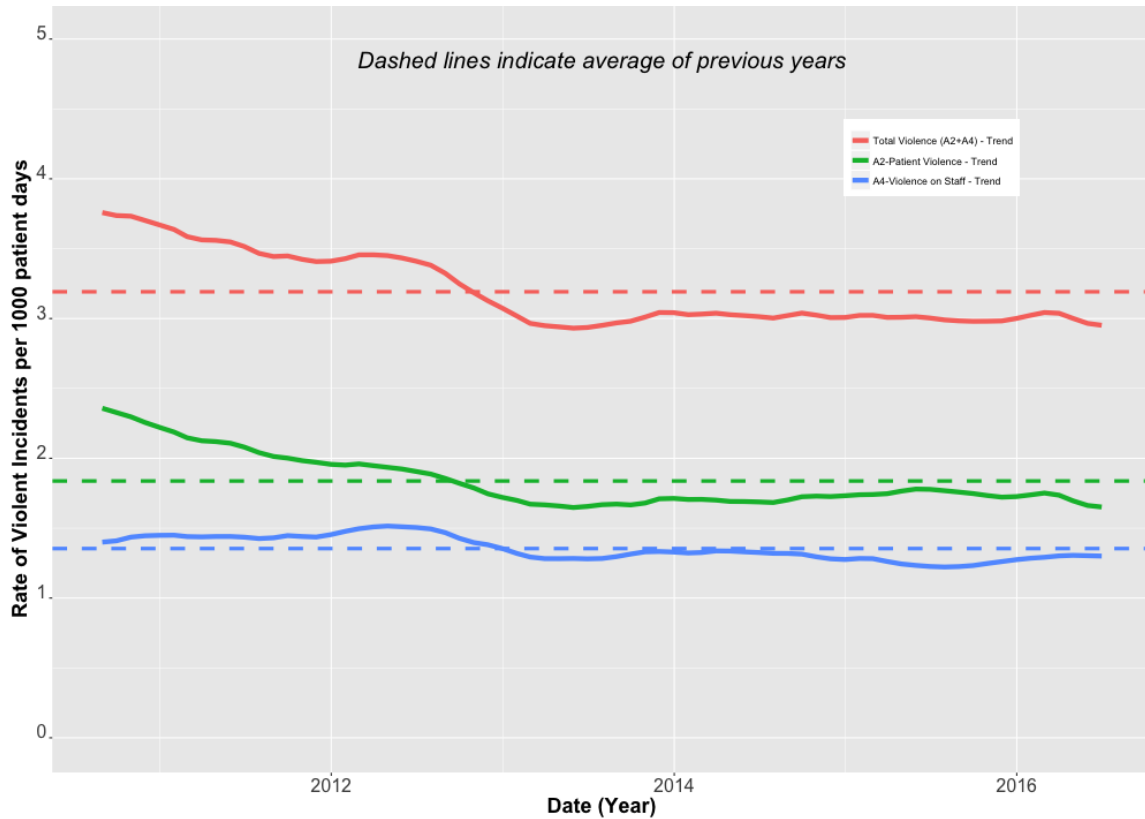


This graph shows the monthly rate of violence, per 1000 patient days. This measure (rate per 1000 patient days) takes into account the changes in DSH population (as well as differences in the number of days in a month).

Additionally, this graph also shows the normal amount of variation on a monthly basis. To better understand and interpret these rates of violence, the next graph will look at these data with smoothing applied, to facilitate understanding of the data trends.

B. Monthly Rates of Assaults: Trend

Figure 31
DSH Trend of Rates of Aggressive Incidents, per 1000 Patient Days



This graph shows the monthly rates, with smoothing applied to reduce monthly variability, as an aid in interpretation. As seen here, the trend has been for a decrease in assault rates from 2010 through late 2013, with violence rates afterward becoming more flat.

Further details of monthly rates are presented in Tables 20 and 21.

Table 20
DSH Monthly Totals of Assaults

#	MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
2	February	2010	397	213	610
3	March	2010	400	222	622
4	April	2010	422	226	648
5	May	2010	444	228	672
6	June	2010	408	223	631
7	July	2010	412	251	663
8	August	2010	424	266	690
9	September	2010	363	199	562
10	October	2010	345	232	577
11	November	2010	348	228	576
12	December	2010	377	253	630
13	January	2011	406	271	677
14	February	2011	345	202	547
15	March	2011	340	275	615
16	April	2011	365	283	648
17	May	2011	343	210	553
18	June	2011	360	248	608
19	July	2011	308	218	526
20	August	2011	339	244	583
21	September	2011	343	200	543
22	October	2011	327	233	560
23	November	2011	309	220	529
24	December	2011	294	235	529
25	January	2012	325	246	571
26	February	2012	329	253	582
27	March	2012	326	296	622
28	April	2012	310	240	550
29	May	2012	358	243	601
30	June	2012	303	294	597
31	July	2012	365	283	648
32	August	2012	341	274	615
33	September	2012	313	237	550
34	October	2012	328	232	560
35	November	2012	276	212	488
36	December	2012	270	233	503
37	January	2013	285	215	500

#	MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
38	February	2013	244	179	423
39	March	2013	272	207	479
40	April	2013	237	211	448
41	May	2013	267	214	481
42	June	2013	293	216	509
43	July	2013	288	221	509
44	August	2013	309	232	541
45	September	2013	325	233	558
46	October	2013	281	234	515
47	November	2013	275	213	488
48	December	2013	296	216	512
49	January	2014	304	237	541
50	February	2014	239	207	446
51	March	2014	254	251	505
52	April	2014	312	237	549
53	May	2014	324	202	526
54	June	2014	260	220	480
55	July	2014	307	201	508
56	August	2014	313	281	594
57	September	2014	321	250	571
58	October	2014	268	230	498
59	November	2014	307	211	518
60	December	2014	277	218	495
61	January	2015	333	230	563
62	February	2015	306	228	534
63	March	2015	294	222	516
64	April	2015	305	197	502
65	May	2015	329	191	520
66	June	2015	289	216	505
67	July	2015	315	243	558
68	August	2015	319	239	558
69	September	2015	349	212	561
70	October	2015	331	202	533
71	November	2015	321	204	525
72	December	2015	269	202	471
73	January	2016	314	241	555
74	February	2016	313	253	566
75	March	2016	275	255	530
76	April	2016	287	247	534

#	MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
77	May	2016	327	217	544
78	June	2016	336	269	605
79	July	2016	348	255	603
80	August	2016	365	273	638
81	September	2016	256	233	489
82	October	2016	261	207	468
83	November	2016	260	197	457
84	December	2016	297	208	505

This table shows the monthly totals of violent incidents (A2 patient on patient assault and A4 patient on staff assault) in DSH. As mentioned earlier, monthly totals should not be used for reporting violence or for analysis, as these numbers do not take into account such factors as changes in patient population and/or number of days in a month. During this time period, DSH census increased by about 13%, which the monthly totals do not take into account.

These data are presented simply for completeness, and to introduce the reader to the need for developing a rate-based measure for describing violence.

See the next table on monthly rates for further details and analysis.

Table 2I
DSH Monthly Rates of Assaults, per 1000 Patient Days

#	DATE	PATIENT ON PATIENT ASSAULT RATE (A2)	PATIENT ON STAFF ASSAULT RATE (A4)	TOTAL VIOLENCE RATE (A2+A4)
2	2/28/2010	2.61	1.4	4.01
3	3/31/2010	2.382	1.322	3.703
4	4/30/2010	2.592	1.388	3.98
5	5/31/2010	2.629	1.35	3.979
6	6/30/2010	2.477	1.354	3.83
7	7/31/2010	2.41	1.468	3.879
8	8/31/2010	2.479	1.555	4.035
9	9/30/2010	2.19	1.201	3.391
10	10/31/2010	2.016	1.356	3.371
11	11/30/2010	2.102	1.377	3.479
12	12/31/2010	2.208	1.482	3.69
13	1/31/2011	2.379	1.588	3.967
14	2/28/2011	2.256	1.321	3.576
15	3/31/2011	2.007	1.623	3.63
16	4/30/2011	2.223	1.723	3.946
17	5/31/2011	2.033	1.245	3.278
18	6/30/2011	2.227	1.534	3.761
19	7/31/2011	1.854	1.312	3.166
20	8/31/2011	2.044	1.471	3.515
21	9/30/2011	2.119	1.235	3.354
22	10/31/2011	1.944	1.385	3.33
23	11/30/2011	1.898	1.352	3.25
24	12/31/2011	1.736	1.387	3.123
25	1/31/2012	1.912	1.447	3.359
26	2/29/2012	2.062	1.586	3.648
27	3/31/2012	1.916	1.74	3.657
28	4/30/2012	1.88	1.456	3.336
29	5/31/2012	2.089	1.418	3.506
30	6/30/2012	1.827	1.773	3.599
31	7/31/2012	2.12	1.644	3.763
32	8/31/2012	1.981	1.591	3.572
33	9/30/2012	1.878	1.422	3.3
34	10/31/2012	1.904	1.347	3.25
35	11/30/2012	1.648	1.266	2.913
36	12/31/2012	1.563	1.349	2.912
37	1/31/2013	1.648	1.243	2.891

#	DATE	PATIENT ON PATIENT ASSAULT RATE (A2)	PATIENT ON STAFF ASSAULT RATE (A4)	TOTAL VIOLENCE RATE (A2+A4)
38	2/28/2013	1.569	1.151	2.72
39	3/31/2013	1.577	1.2	2.777
40	4/30/2013	1.416	1.261	2.677
41	5/31/2013	1.545	1.238	2.783
42	6/30/2013	1.755	1.294	3.049
43	7/31/2013	1.675	1.285	2.96
44	8/31/2013	1.787	1.342	3.128
45	9/30/2013	1.951	1.399	3.35
46	10/31/2013	1.637	1.363	3
47	11/30/2013	1.656	1.283	2.939
48	12/31/2013	1.735	1.266	3.001
49	1/31/2014	1.778	1.386	3.165
50	2/28/2014	1.539	1.333	2.872
51	3/31/2014	1.467	1.449	2.916
52	4/30/2014	1.848	1.403	3.251
53	5/31/2014	1.842	1.149	2.991
54	6/30/2014	1.523	1.289	2.811
55	7/31/2014	1.725	1.13	2.855
56	8/31/2014	1.756	1.576	3.332
57	9/30/2014	1.857	1.446	3.303
58	10/31/2014	1.5	1.287	2.787
59	11/30/2014	1.774	1.219	2.993
60	12/31/2014	1.551	1.221	2.771
61	1/31/2015	1.864	1.287	3.151
62	2/28/2015	1.901	1.416	3.317
63	3/31/2015	1.65	1.246	2.895
64	4/30/2015	1.77	1.143	2.913
65	5/31/2015	1.843	1.07	2.913
66	6/30/2015	1.666	1.245	2.911
67	7/31/2015	1.753	1.353	3.106
68	8/31/2015	1.767	1.324	3.09
69	9/30/2015	1.986	1.207	3.193
70	10/31/2015	1.814	1.107	2.921
71	11/30/2015	1.811	1.151	2.961
72	12/31/2015	1.469	1.103	2.573
73	1/31/2016	1.712	1.314	3.026
74	2/29/2016	1.812	1.464	3.276
75	3/31/2016	1.483	1.375	2.858
76	4/30/2016	1.595	1.373	2.968

#	DATE	PATIENT ON PATIENT ASSAULT RATE (A2)	PATIENT ON STAFF ASSAULT RATE (A4)	TOTAL VIOLENCE RATE (A2+A4)
77	5/31/2016	1.748	1.16	2.908
78	6/30/2016	1.855	1.485	3.34
79	7/31/2016	1.865	1.367	3.232
80	8/31/2016	1.964	1.469	3.432
81	9/30/2016	1.426	1.298	2.724
82	10/31/2016	1.398	1.109	2.506
83	11/30/2016	1.433	1.086	2.519
84	12/31/2016	1.584	1.109	2.693

These data show the values that were graphed in the monthly plot of violence rates (Figure 30, “DSH Monthly Rates of Aggressive Incidents, per 1000 Patient Days”. Again, the monthly variability in violence can make discerning a trend difficult, for this reason, using the “smoothed” plots (such as Figure 31) to look for trends over time is more useful.

2. Overall DSH Rates of Violence, By Legal Class

This section presents information on the violence rates for each legal class in DSH. The analyses in this section take all the patients in a given legal class across all DSH hospitals and computes the violence rate overall for that legal class. These data include only those patients in DSH hospitals, and do not include those treated in the psychiatric programs.

To provide a quick comparison of the changes in patient composition over the past year, the Average Daily Census (ADC) for each Legal Class for the last month of 2015 and 2016 is provided in Table 22. As can be seen, since 2015, the IST population shifted into the most numerous patient group.

Table 22
DSH Average Daily Census, by Legal Class

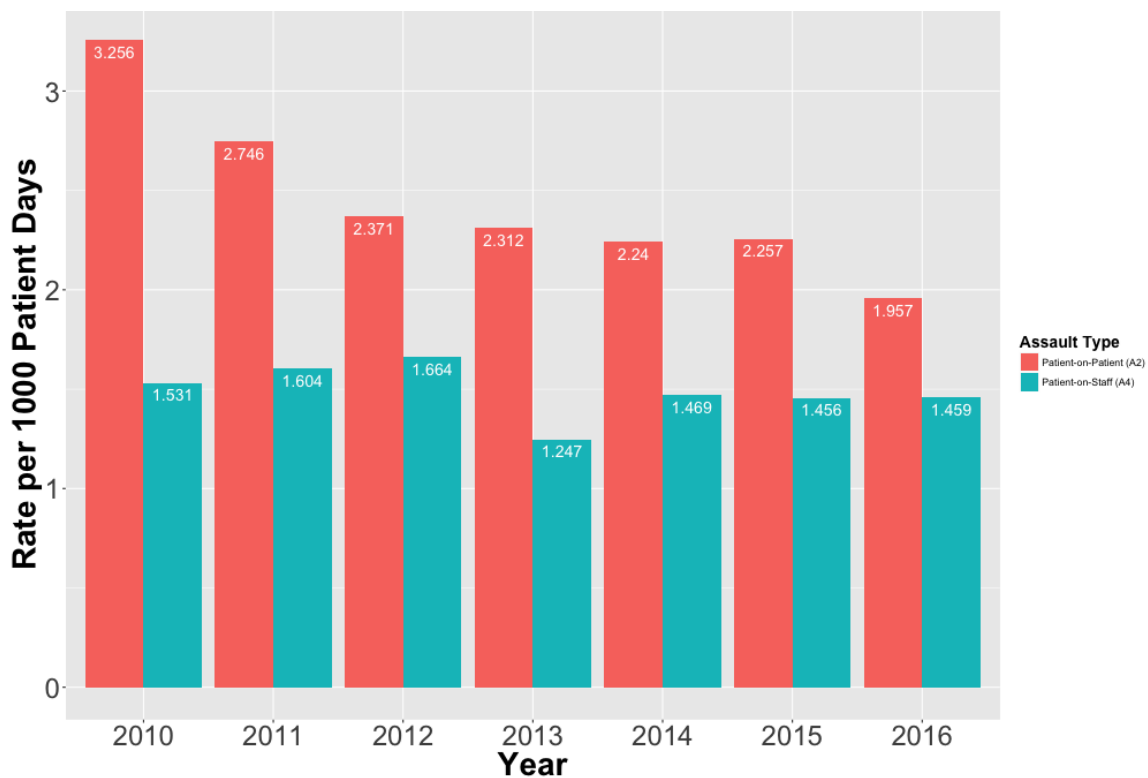
LEGAL CLASS	ADC FOR DECEMBER 2015	ADC FOR DECEMBER 2016
DJJ: Division of Juvenile Justice Patient	1	3
IST: Incompetent to Stand Trial Patient	1453.49	1516.88
LPS: Lanternman-Petris-Short Patient	624.44	667.13
MDO: Mentally Disordered Offender Patient	1257.16	1247.29
MDSO: Mentally Disordered Sexual Offender	25	23
NGRI: Not Guilty by Reason of Insanity Patient	1405.38	1383.59
PC2684: Mentally Ill CDCR Inmate Patient	222.64	264.07
SVP: Sexually Violent Predator Patient	921.42	945.06

Data on the violence rates in DSH, per legal class, are presented, in rank order of the most numerous legal class to the least numerous, i.e., first, a) the IST legal class, then second, b) the NGRI legal class, followed by third, c) the MDO's, then d) the SVP's, then the e) LPS, then f) PC2684's, g) the MDSO's, and finally h) the DJJ.

A. DSH Rates of Violence: IST's

Yearly Violence Rates

Figure 32
Yearly Rates of IST Assaults in all DSH Hospitals



*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.*

Table 23
DSH IST Yearly A2 Patient on Patient Assault Summary

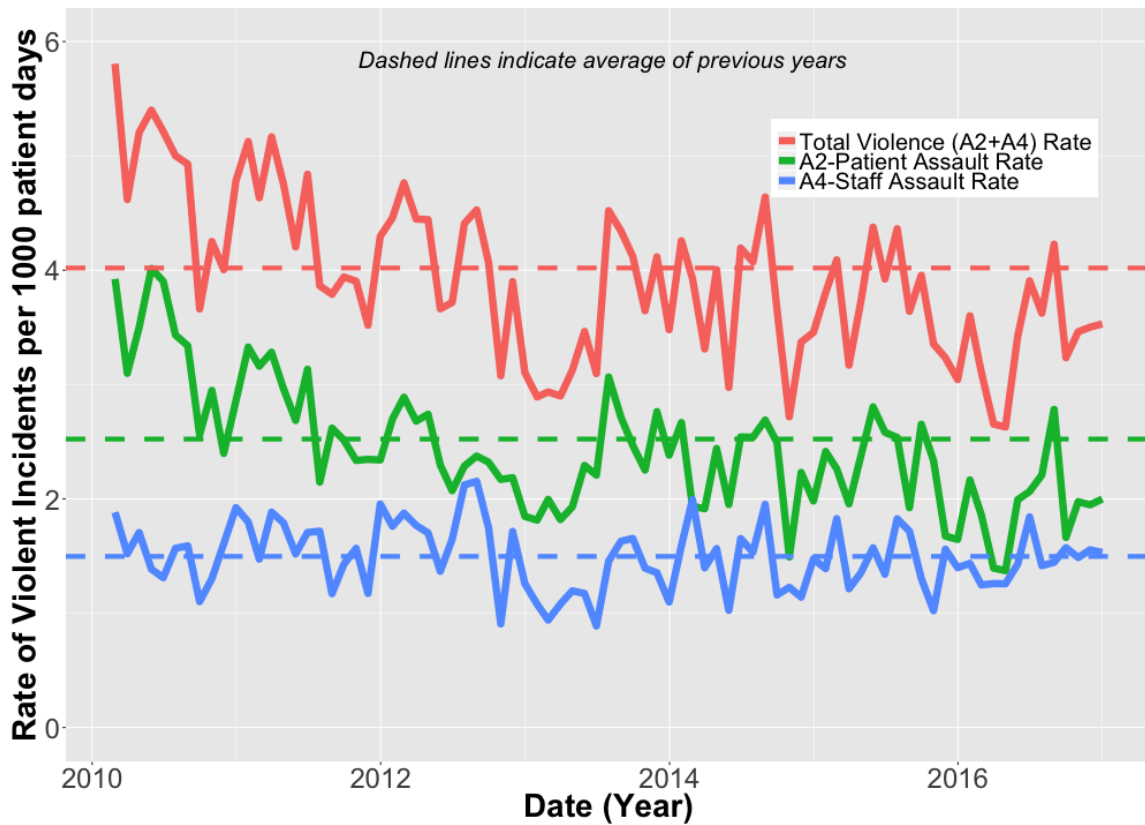
YEAR	IST ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1278	392460	3.256	NA
2011	1106	402704	2.746	-15.7
2012	1009	425519	2.371	-13.7
2013	1034	447317	2.312	-2.5
2014	1063	474534	2.24	-3.1
2015	1130	500707	2.257	0.8
2016	1060	541520	1.957	-13.3

Table 24
DSH IST Yearly A4 Patient on Staff Assault Summary

YEAR	IST ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	601	392460	1.531	NA
2011	646	402704	1.604	4.8
2012	708	425519	1.664	3.7
2013	558	447317	1.247	-25.1
2014	697	474534	1.469	17.8
2015	729	500707	1.456	-0.9
2016	790	541520	1.459	0.2

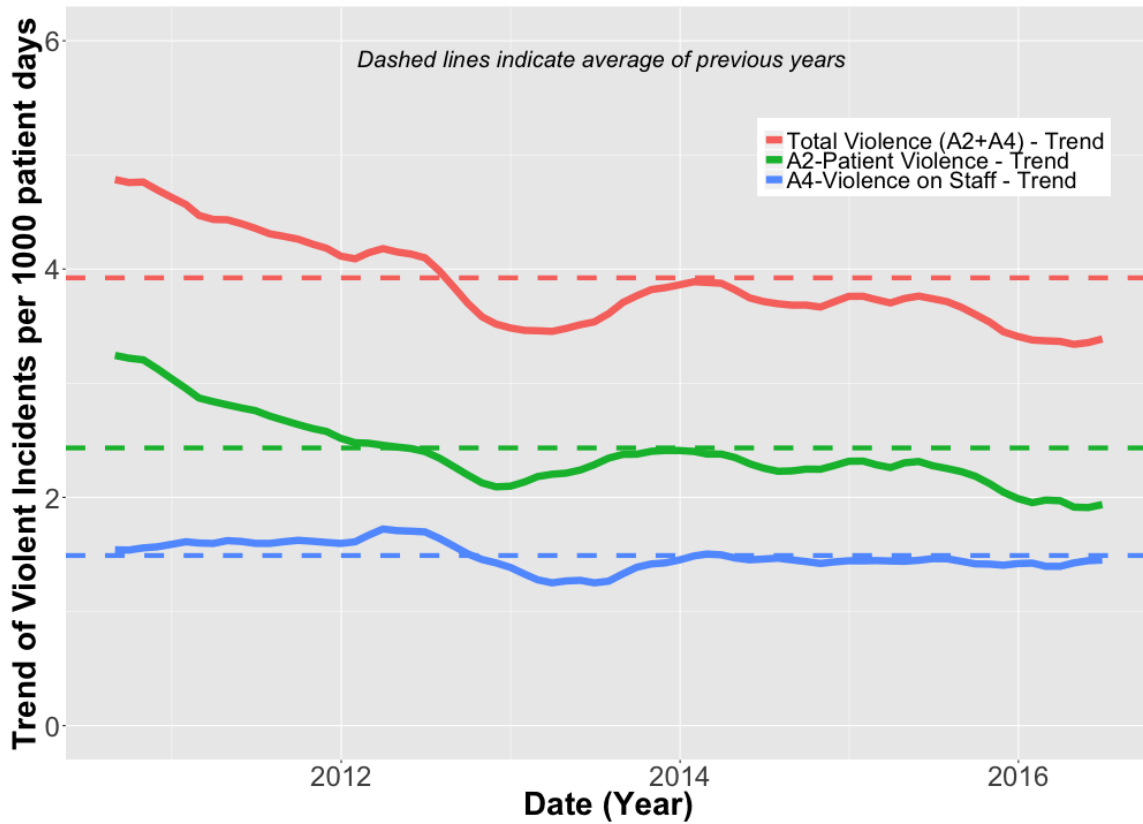
Monthly Violence Rates

Figure 33
Monthly Rates of IST Assaults in all DSH Hospitals, per 1000 Patient Days



Trend of Monthly Violence Rates

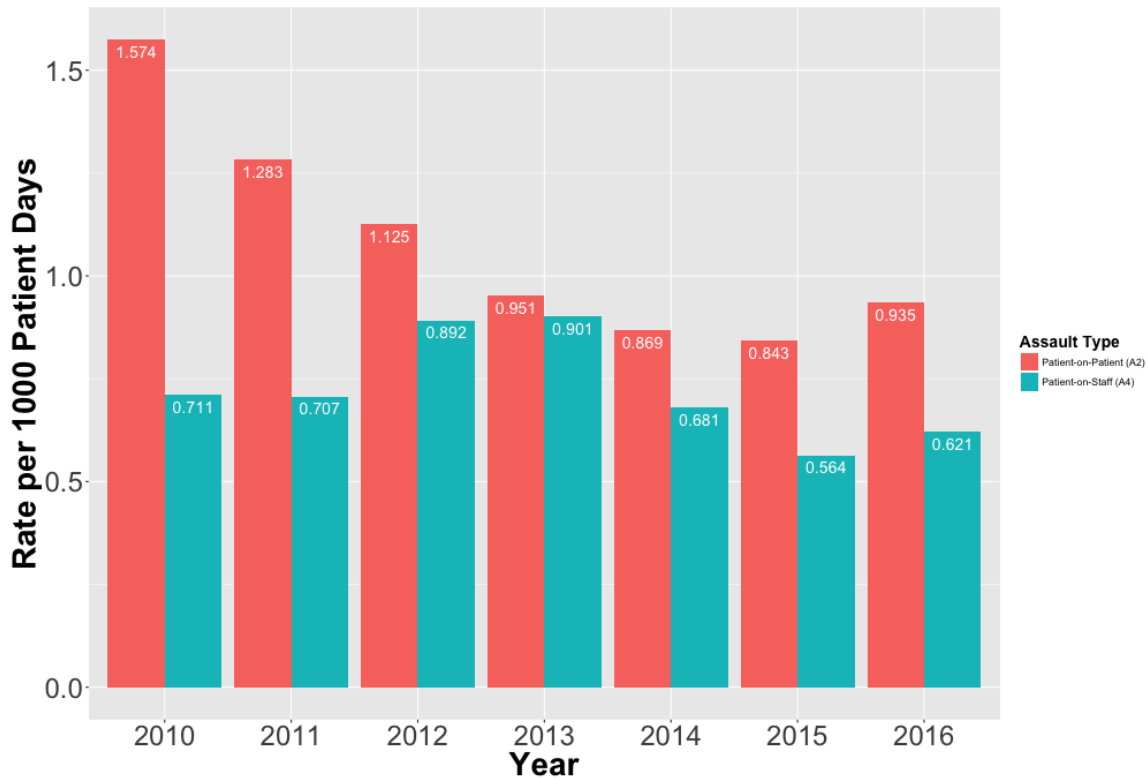
Figure 34
Trends of Monthly Rates of IST Assaults in all DSH Hospitals, per 1000 Patient Days



B. DSH Rates of Violence: NGRI's

Yearly Violence Rates

Figure 35
Yearly Rates of NGRI Assaults in all DSH Hospitals



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.

Table 25
DSH NGRI Yearly A2 Patient on Patient Assault Summary

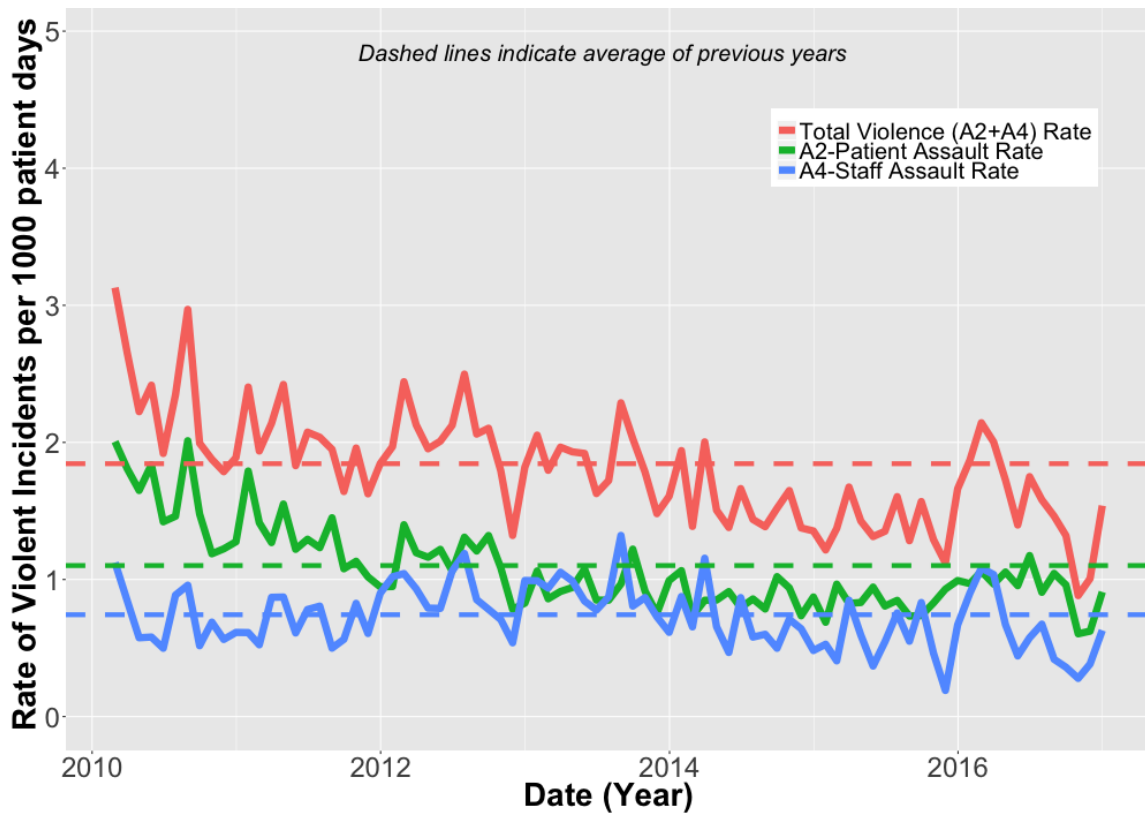
YEAR	NGRI ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	708	449798	1.574	NA
2011	640	498969	1.283	-18.5
2012	559	496713	1.125	-12.3
2013	476	500690	0.951	-15.5
2014	440	506285	0.869	-8.6
2015	432	512221	0.843	-3
2016	476	509114	0.935	10.9

Table 26
DSH NGRI Yearly A4 Patient on Staff Assault Summary

YEAR	NGRI ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	320	449798	0.711	NA
2011	353	498969	0.707	-0.6
2012	443	496713	0.892	26.2
2013	451	500690	0.901	1
2014	345	506285	0.681	-24.4
2015	289	512221	0.564	-17.2
2016	316	509114	0.621	10.1

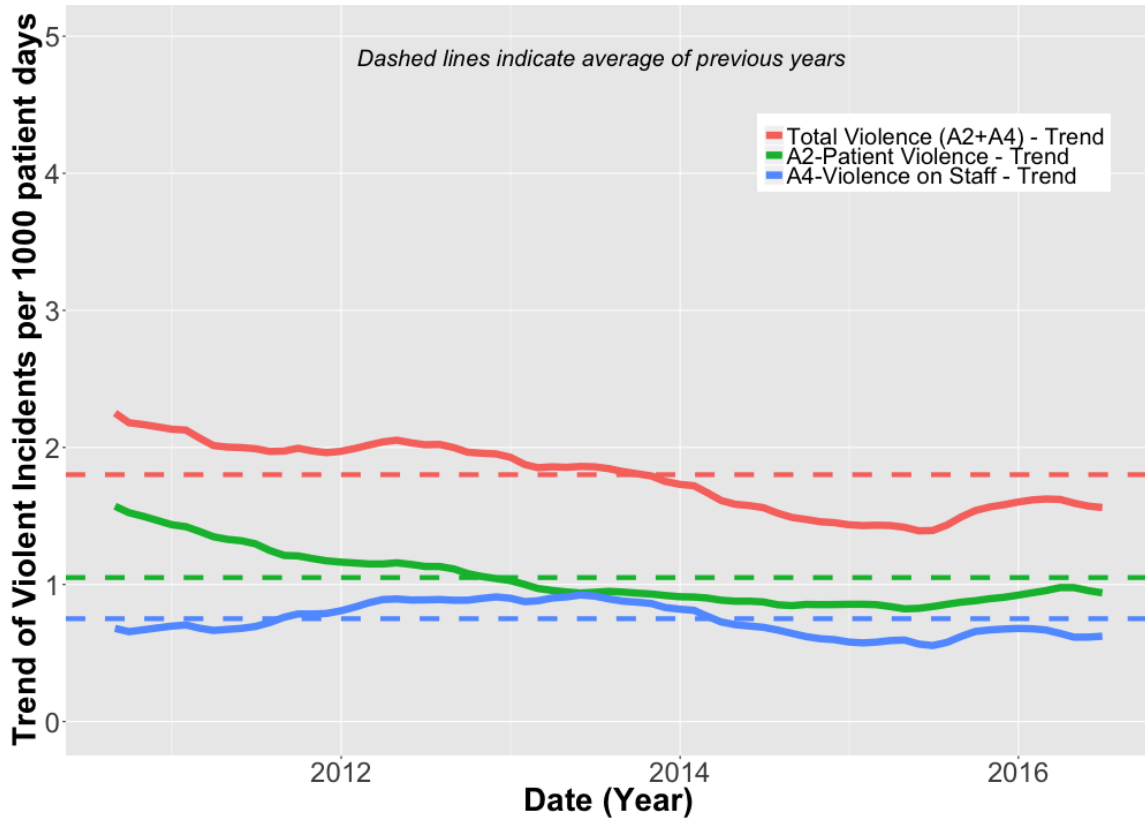
Monthly Violence Rates

Figure 36
Monthly Rates of NGRI Assaults in all DSH Hospitals, per 1000 Patient Days



Trend of Monthly Violence Rates

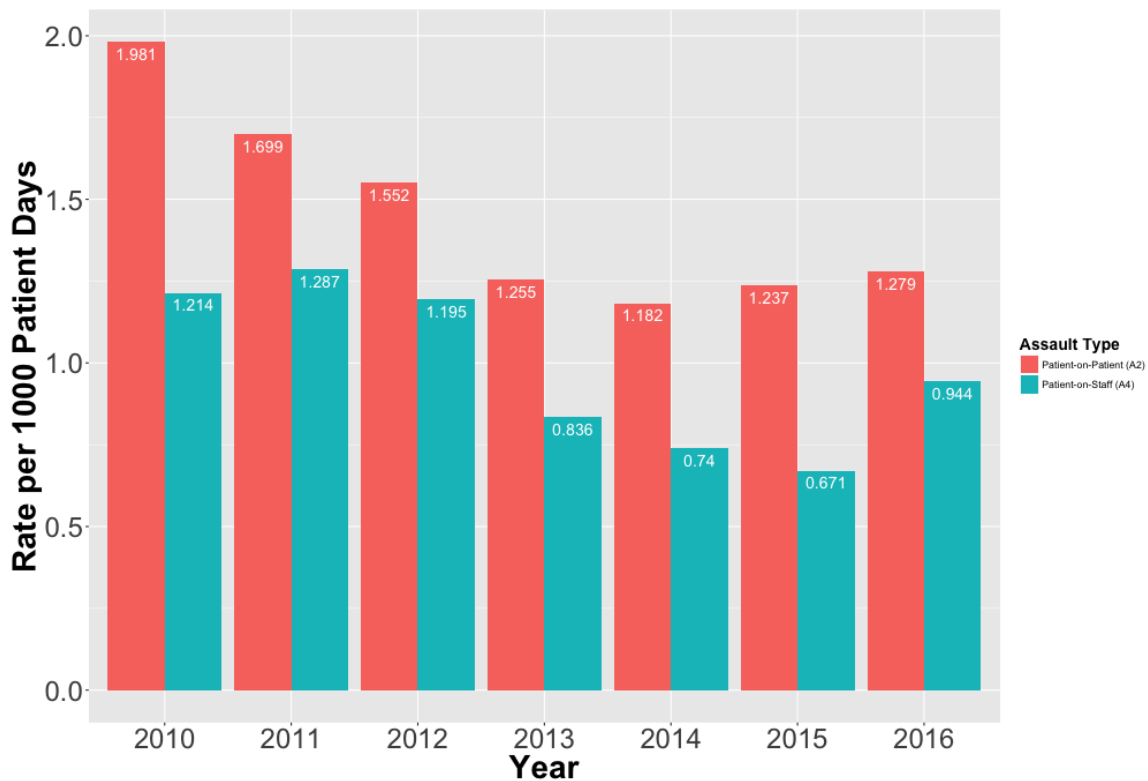
Figure 37
Trends of Monthly Rates of NGRI Assaults in all DSH Hospitals, per 1000 Patient Days



C. DSH Rates of Violence: MDO's

Yearly Violence Rates

Figure 38
Yearly Rates of MDO Assaults in all DSH Hospitals



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Table 27
DSH MDO Yearly A2 Patient on Patient Assault Summary

YEAR	MDO ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	853	430649	1.981	NA
2011	816	480322	1.699	-14.2
2012	718	462661	1.552	-8.7
2013	554	441587	1.255	-19.1
2014	521	440627	1.182	-5.8
2015	568	459120	1.237	4.7
2016	581	454292	1.279	3.4

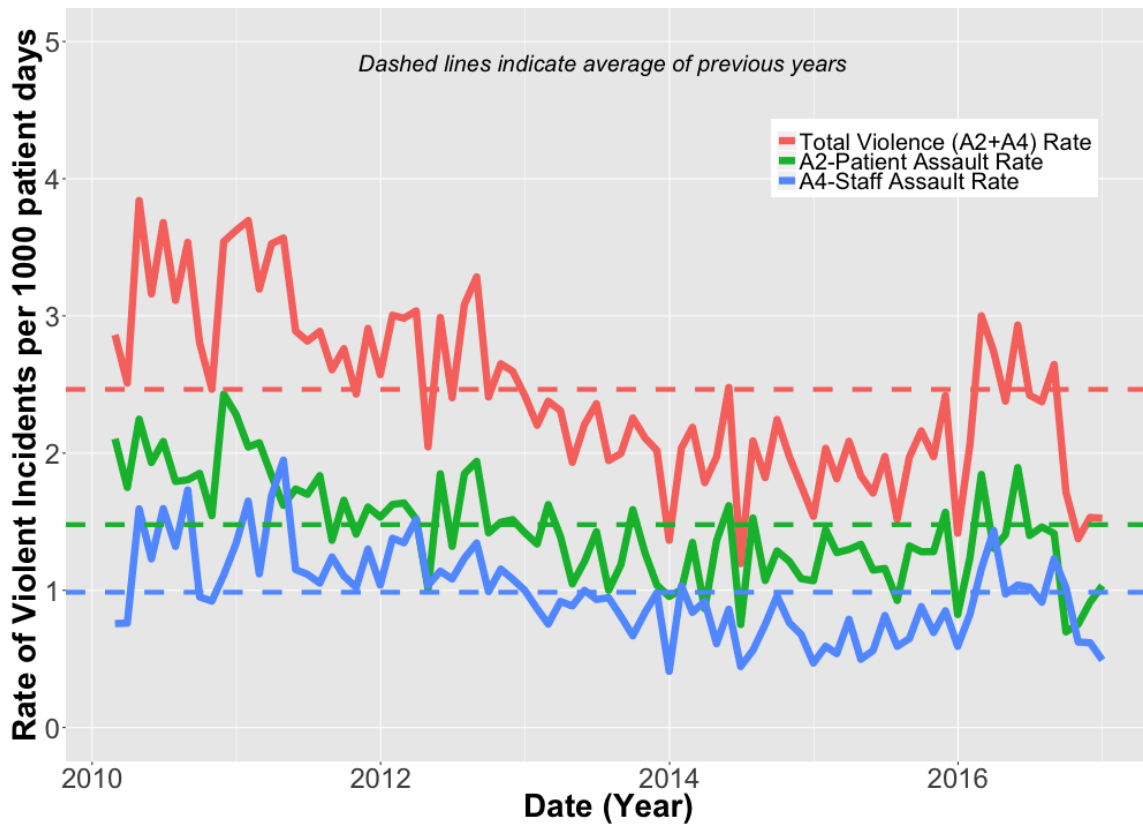
Table 28
DSH MDO Yearly A4 Patient on Staff Assault Summary

YEAR	MDO ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	523	430649	1.214	NA
2011	618	480322	1.287	6
2012	553	462661	1.195	-7.1
2013	369	441587	0.836	-30
2014	326	440627	0.74	-11.5
2015	308	459120	0.671	-9.3
2016	429	454292	0.944	40.7

*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.*

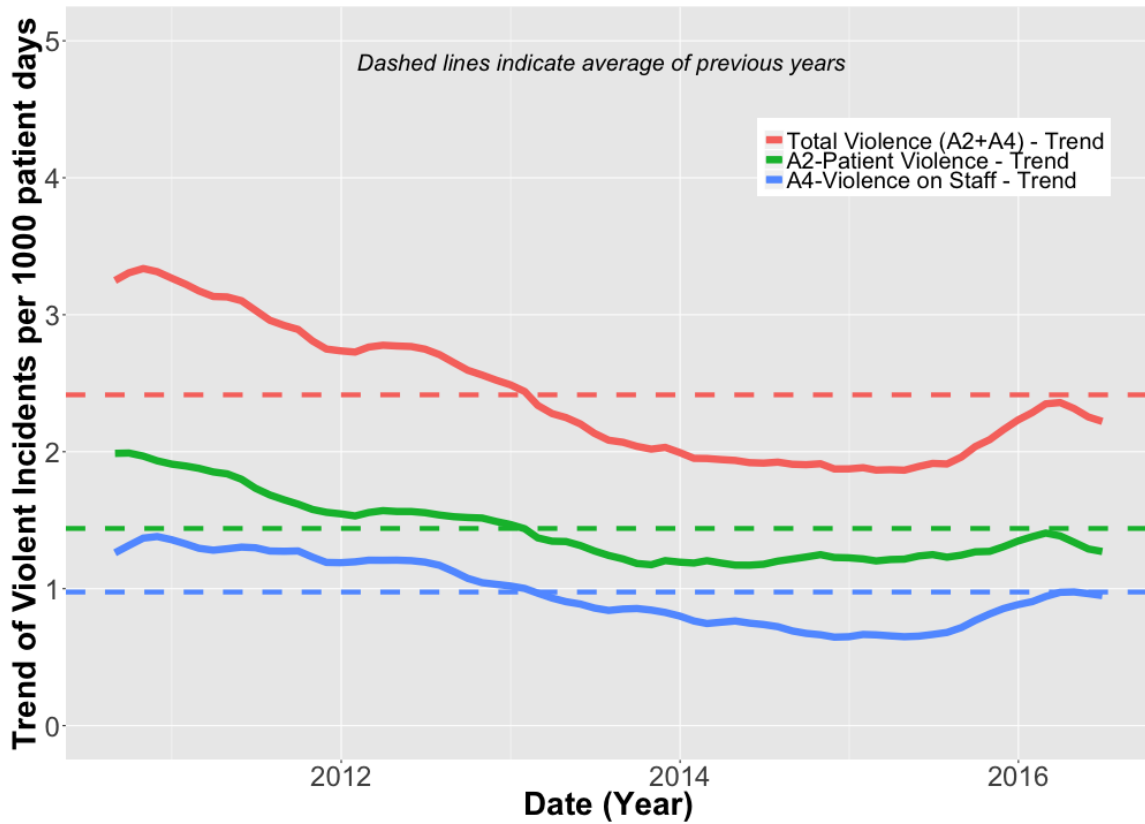
Monthly Violence Rates

Figure 39
Monthly Rates of MDO Assaults in all DSH Hospitals, per 1000 Patient Days



Trend of Monthly Violence Rates

Figure 40
Trend of Monthly Rates of MDO Assaults in all DSH Hospitals, per 1000 Patient Days



D. DSH Rates of Violence: SVP's

Yearly Violence Rates

Figure 4I
Yearly Rates of SVP Assaults in all DSH Hospitals

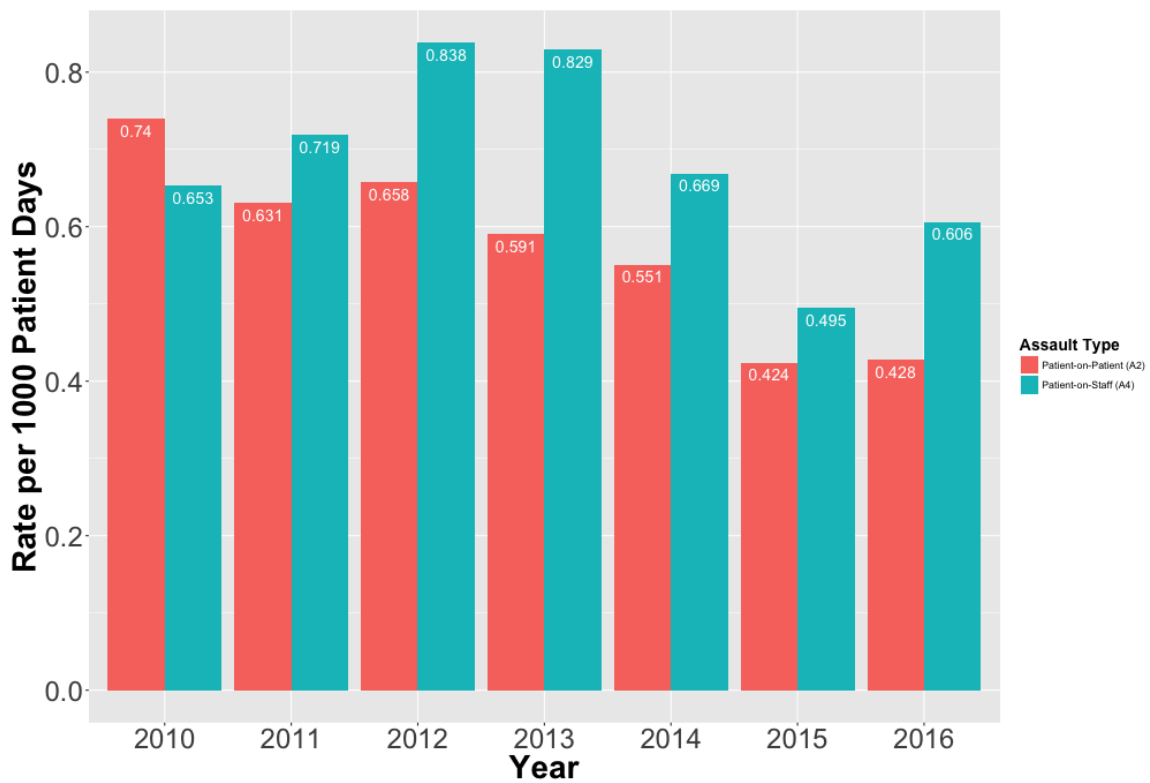


Table 29
DSH SVP Yearly A2 Patient on Patient Assault Summary

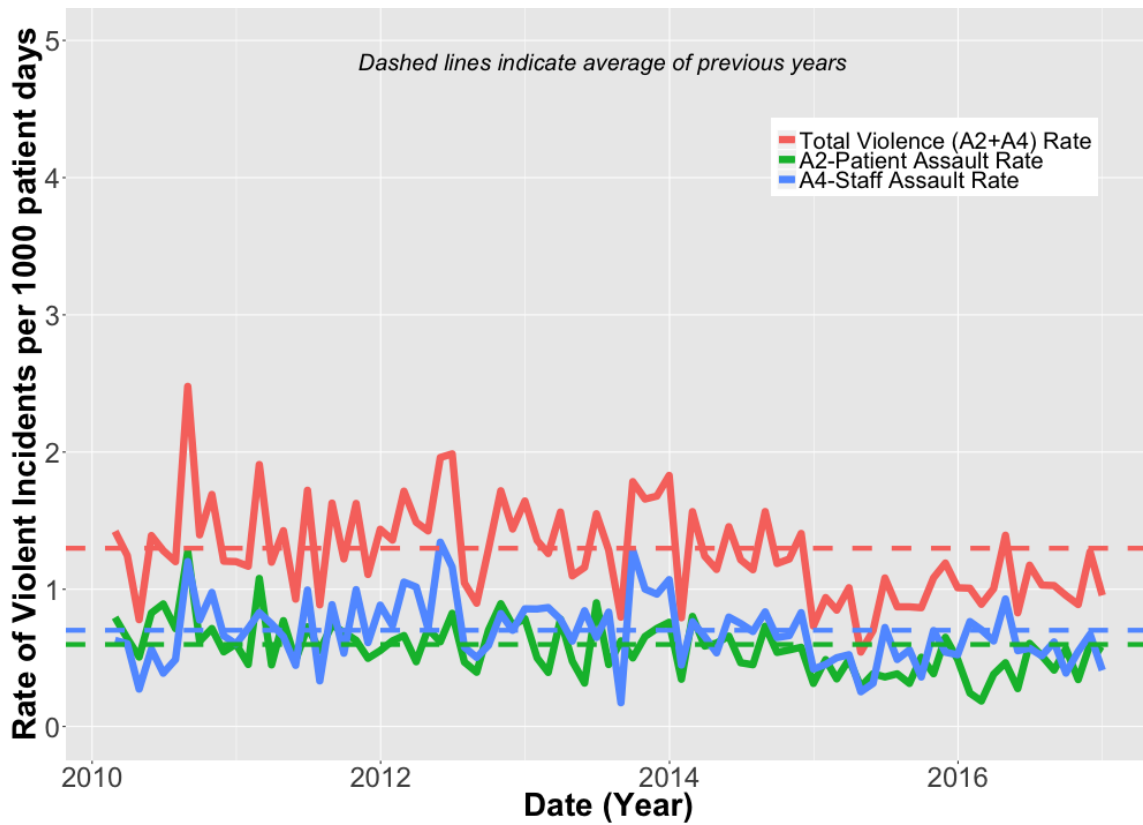
YEAR	SVP ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	212	286447	0.74	NA
2011	200	317075	0.631	-14.7
2012	215	326960	0.658	4.3
2013	199	336696	0.591	-10.2
2014	187	339488	0.551	-6.8
2015	143	337447	0.424	-23
2016	147	343084	0.428	0.9

Table 30
DSH SVP Yearly A4 Patient on Staff Assault Summary

YEAR	SVP ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	187	286447	0.653	NA
2011	228	317075	0.719	10.1
2012	274	326960	0.838	16.6
2013	279	336696	0.829	-1.1
2014	227	339488	0.669	-19.3
2015	167	337447	0.495	-26
2016	208	343084	0.606	22.4

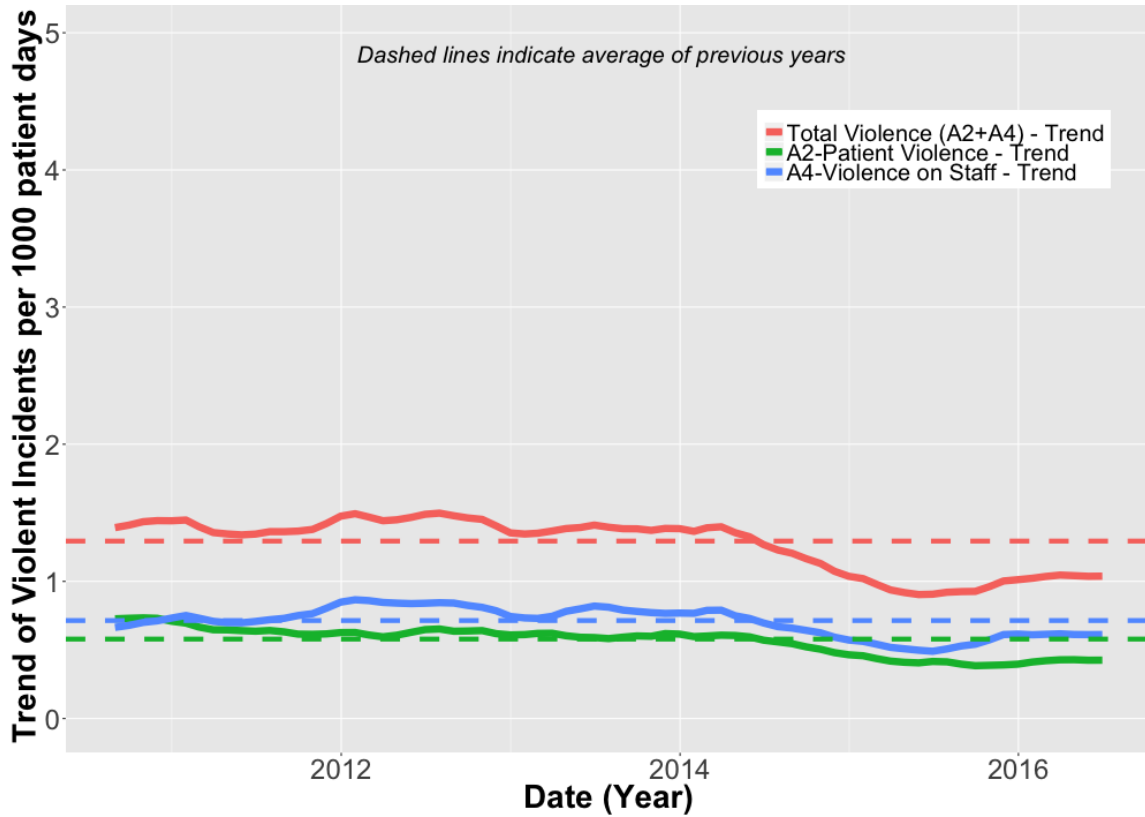
Monthly Violence Rates

Figure 42
Monthly Rates of SVP Assaults in all DSH Hospitals, per 1000 Patient Days



Trend of Monthly Violence Rates

Figure 43
Trend of Monthly Rates of SVP Assaults in all DSH Hospitals, per 1000 Patient Days



E. DSH Rates of Violence: LPS's

Yearly Violence Rates

Figure 44
Yearly Rates of LPS Assaults in all DSH Hospitals

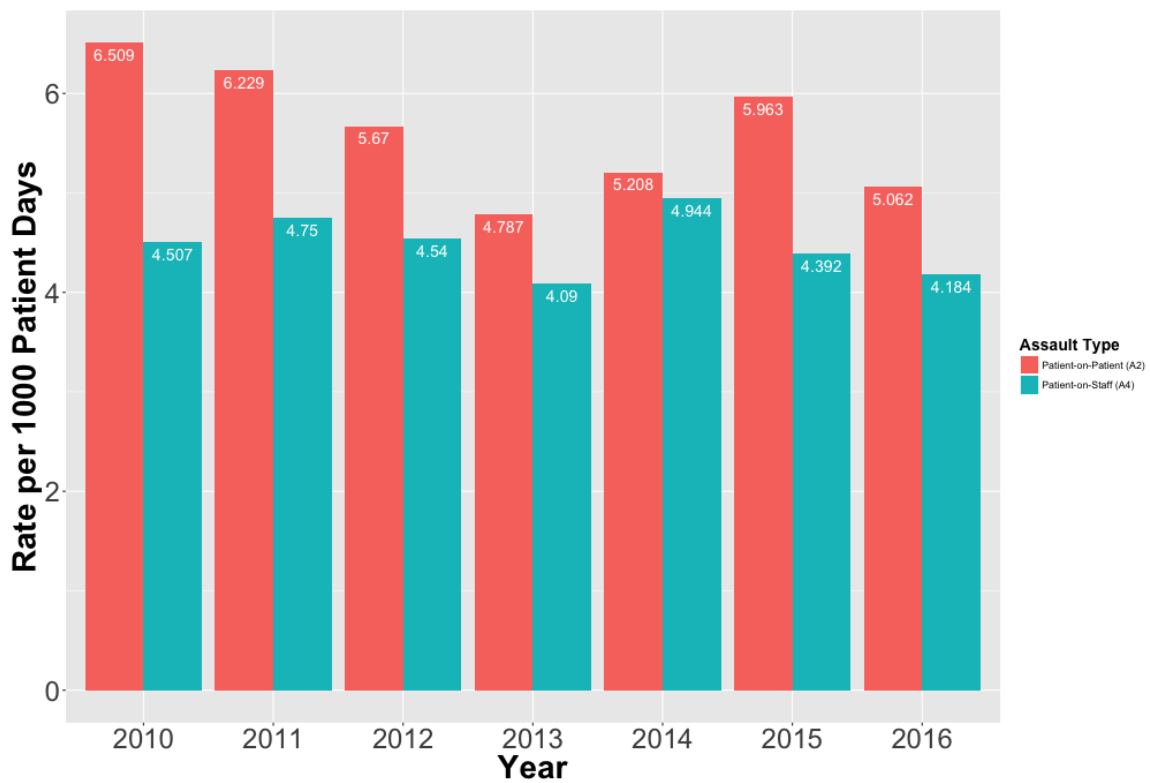


Table 31
DSH LPS Yearly A2 Patient on Patient Assault Summary

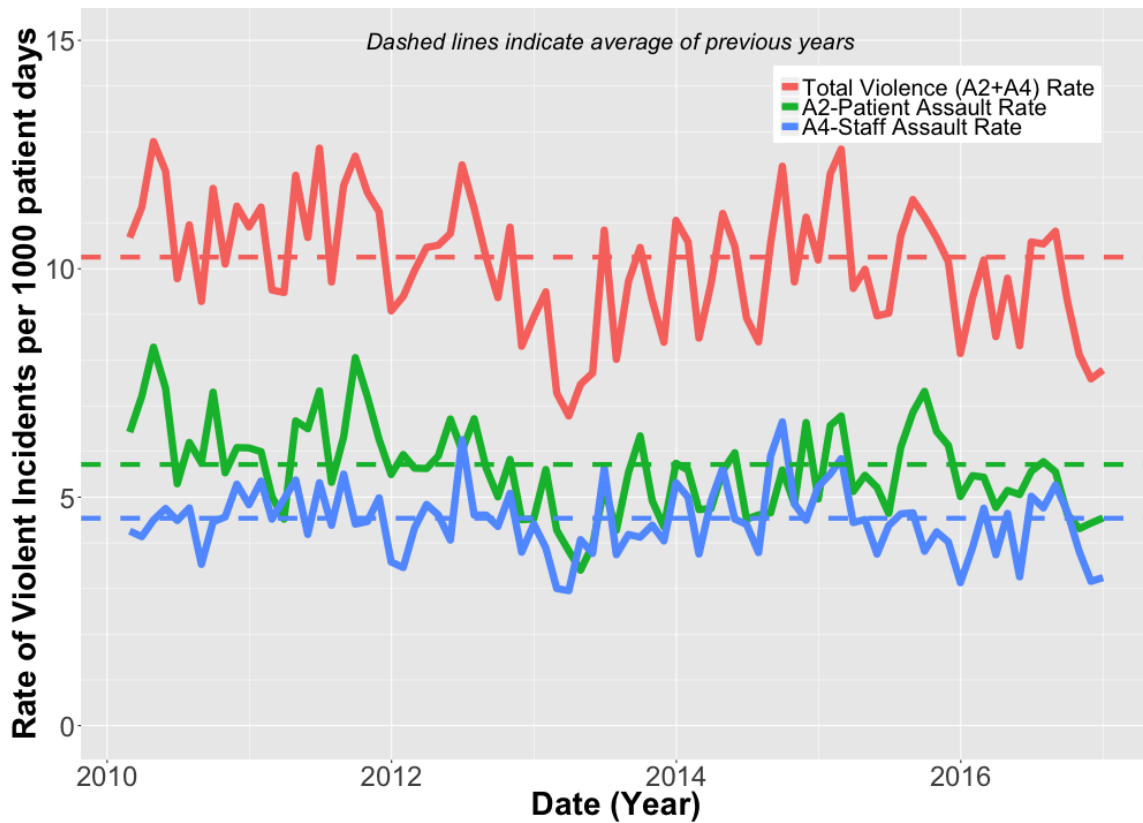
YEAR	LPS ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1089	167309	6.509	NA
2011	1171	188001	6.229	-4.3
2012	1144	201773	5.67	-9
2013	955	199504	4.787	-15.6
2014	1108	212766	5.208	8.8
2015	1359	227908	5.963	14.5
2016	1222	241400	5.062	-15.1

Table 32
DSH LPS Yearly A4 Patient on Staff Assault Summary

YEAR	LPS ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	754	167309	4.507	NA
2011	893	188001	4.75	5.4
2012	916	201773	4.54	-4.4
2013	816	199504	4.09	-9.9
2014	1052	212766	4.944	20.9
2015	1001	227908	4.392	-11.2
2016	1010	241400	4.184	-4.7

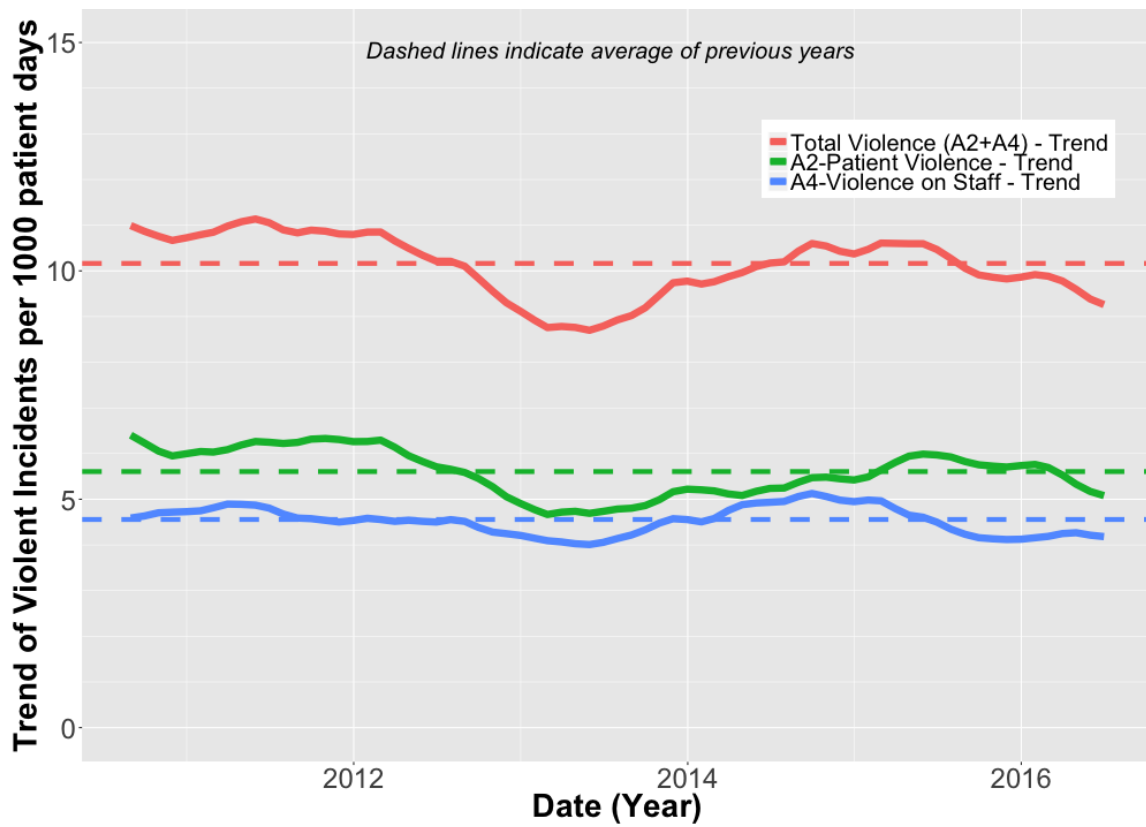
Monthly Violence Rates

Figure 45
Monthly Rates of LPS Assaults in all DSH Hospitals, per 1000 Patient Days



Trend of Monthly Violence Rates

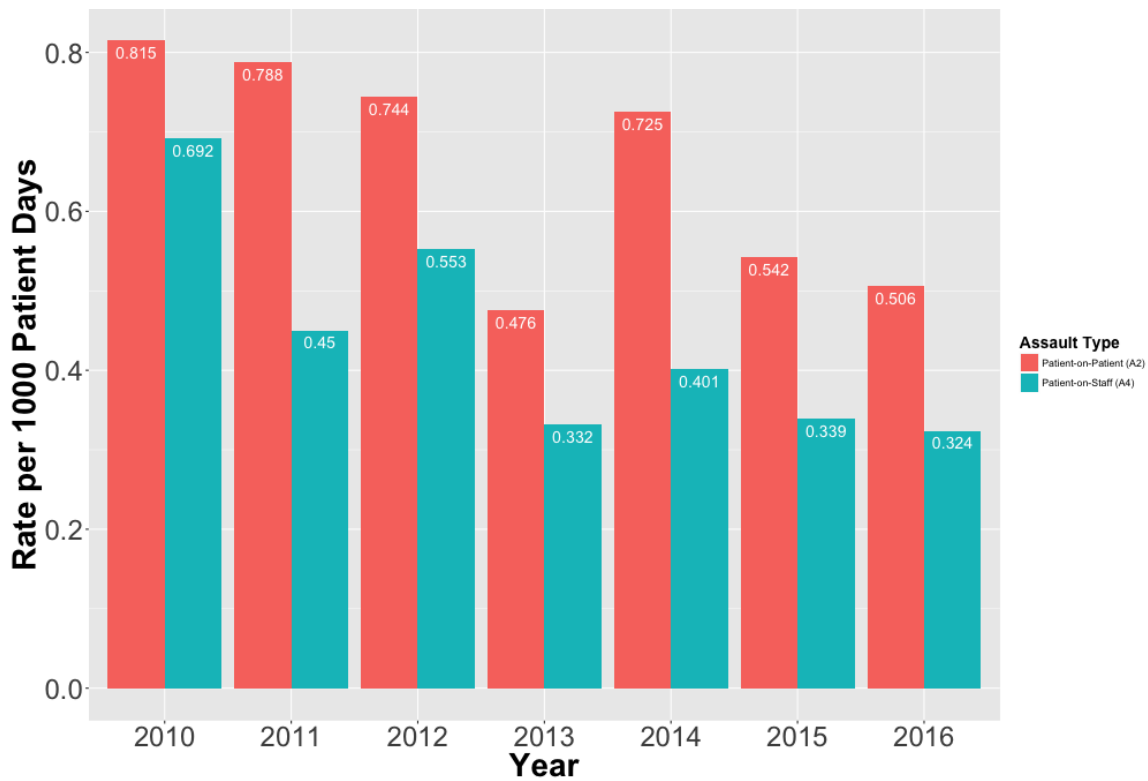
Figure 46
Trend of Monthly Rates of LPS Assaults in all DSH Hospitals, per 1000 Patient Days



F. DSH Rates of Violence: PC2684's

Yearly Violence Rates

Figure 47
Yearly Rates of PC2684's Assaults in all DSH Hospitals



*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.*

Table 33
DSH PC2684 Yearly A2 Patient on Patient Assault Summary

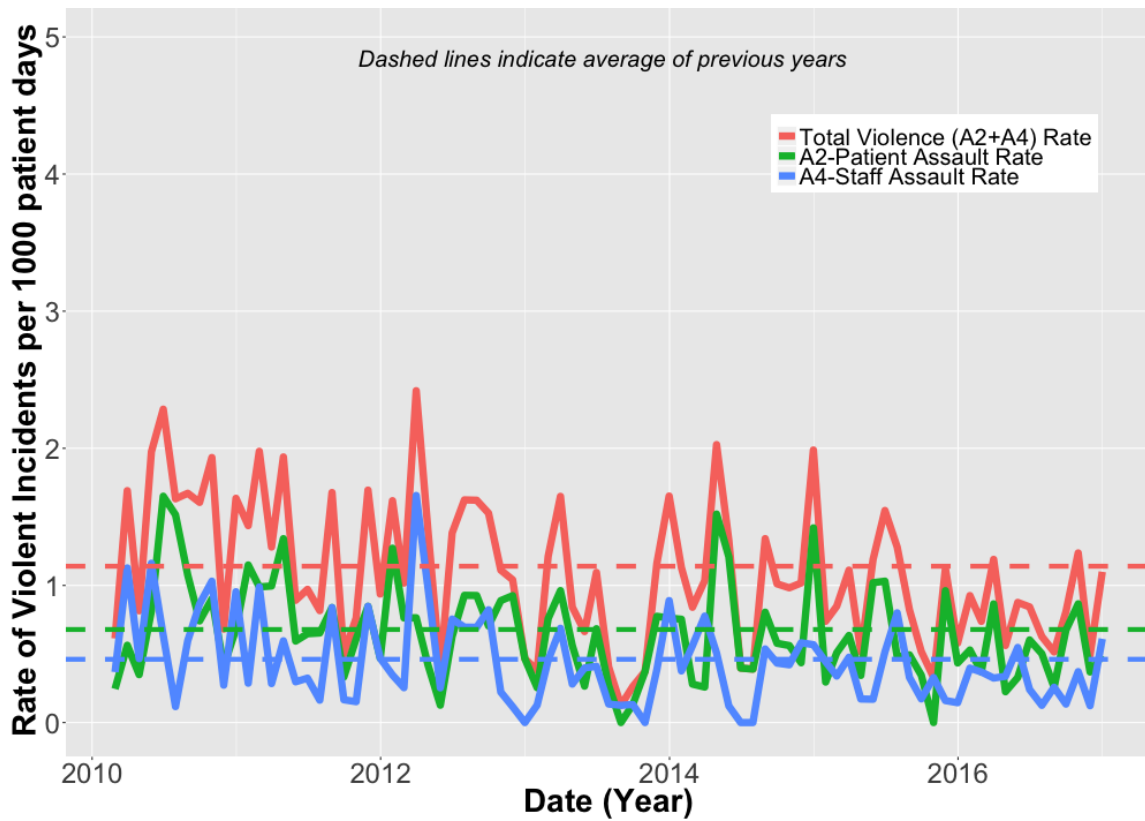
YEAR	PC2684 ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	73	89578	0.815	NA
2011	63	79955	0.788	-3.3
2012	74	99405	0.744	-5.6
2013	43	90337	0.476	-36
2014	65	89668	0.725	52.3
2015	40	73840	0.542	-25.2
2016	50	98815	0.506	-6.6

Table 34
DSH PC2684 Yearly A4 Patient on Staff Assault Summary

YEAR	PC2684 ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	62	89578	0.692	NA
2011	36	79955	0.45	-35
2012	55	99405	0.553	22.9
2013	30	90337	0.332	-40
2014	36	89668	0.401	20.8
2015	25	73840	0.339	-15.5
2016	32	98815	0.324	-4.4

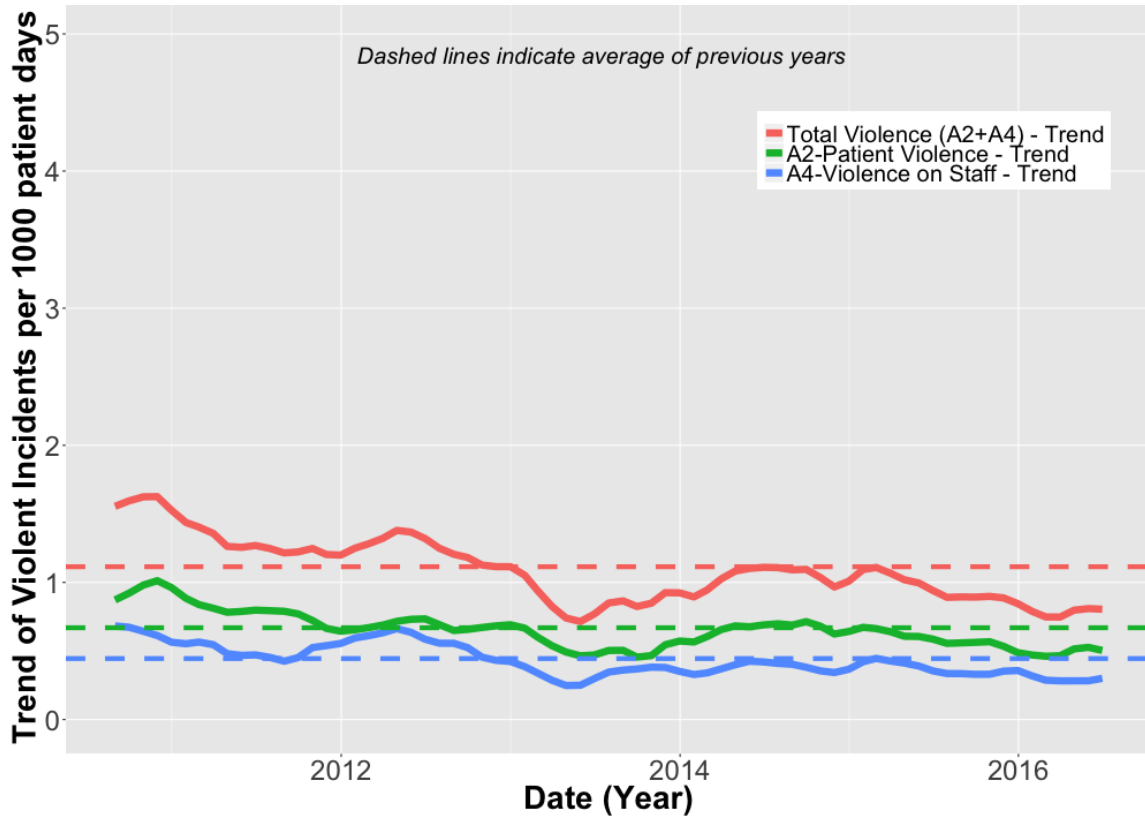
Monthly Violence Rates

Figure 48
Monthly Rates of PC2684 Assaults in all DSH Hospitals, per 1000 Patient Days



Trend of Monthly Violence Rates

Figure 49
Trend of Monthly Rates of PC2684 Assaults in all DSH Hospitals, per 1000 Patient Days



Appendices

In the sections following, a more detailed presentation of the individual hospital violence data is presented. First, a review of the yearly summary is presented, then a monthly summary, and then a monthly summary by each legal class at the hospital is shown. Readers should be aware of the differences in the population of each legal class across hospitals, as well as the differences in population across legal classes inside each hospital.

DSH-Atascadero

This section reviews and then further extends information presented earlier in this report*.

In the first section, the overall hospital population, given as Average Daily Census (ADC) is given for each month during 2010-2016, broken down by legal class.

In the second section, the yearly rates of violence presented earlier are reviewed, and then in the following sections, the monthly rates of violence and trend of violence is given.

In the remaining sections, the rates of violence by each individual legal class in the hospital is given, for the major groups at each hospital (i.e., IST's, NGRI's, MDO's, LPS, and SVP's). When a given legal class numbers less than 20 at a hospital (typically DJJ or MDSO's), the overall data is not presented, as the numbers are too small to draw conclusions about that legal class (i.e., acts of violence are more related to an individual patient or just a few patients than to the legal class as a whole).

Note: Prior to January 1, 2016 DSH-Atascadero, where the majority of MDO patients are housed, coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.*

Table 35
DSH-Atascadero Monthly ADC, By Legal Commitment

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
1	1/31/2010	0	82.65	3	599.04	3.42	124.29	219.29	11.8	1,043.49
2	2/28/2010	0	77.57	3	586.68	3	123.21	241.25	12	1,046.71
3	3/31/2010	0	65.81	3	583.16	3	123.03	251.29	12	1,041.29
4	4/30/2010	0	66.7	3	586.13	3	122.13	254.43	11.24	1,046.63
5	5/31/2010	0	108.13	3	592.58	3	121.55	249.71	12	1,089.97
6	6/30/2010	0	170.33	2.93	601.56	3	123.5	236.57	10.5	1,148.39
7	7/31/2010	0	190.97	2	600.65	3	124.16	249.13	5	1,174.91
8	8/31/2010	0	194.58	2	609.42	3	122.19	242.16	5.9	1,179.25
9	9/30/2010	0	216.77	2	606.33	3	125.67	243.03	7	1,203.80
10	10/31/2010	0	239.19	2.06	610.77	3	124.48	227.94	7.74	1,215.18
11	11/30/2010	0	237.83	3	611.8	3	126.37	224.27	8	1,214.27
12	12/31/2010	0	234.45	3	622.16	3	124.39	215.74	8.39	1,211.13
13	1/31/2011	0	227.77	3	629.61	2.32	122.52	206.77	7.77	1,199.76
14	2/28/2011	0	208.64	3	630.46	2	122.75	201.36	8.21	1,176.42
15	3/31/2011	0	199.45	3	640.49	2	125.33	213.03	7	1,190.30
16	4/30/2011	0	201.63	3	646	2	129.64	206.9	7	1,196.17
17	5/31/2011	0	163.1	3.03	646.65	2	130.55	201.29	7.74	1,154.36
18	6/30/2011	0	125.33	3	644.2	2	130.66	192.37	7.46	1,105.02
19	7/31/2011	0	99.65	3	652.15	2	130.19	180.84	7.71	1,075.54
20	8/31/2011	0	94.13	3	653.67	1.84	127.35	174.65	7.55	1,062.19
21	9/30/2011	0	94.27	3	652.66	1	125.1	178.3	7	1,061.33
22	10/31/2011	0	99.58	3.45	652.87	1	123.48	188.58	7	1,075.96
23	11/30/2011	0	88.5	4.03	637.1	1	125.33	200.7	7	1,063.66
24	12/31/2011	0	83	4.26	639.16	1	124.7	213.52	6.94	1,072.58
25	1/31/2012	0	83.03	4	646.52	1	123.35	212.13	5.81	1,075.84
26	2/29/2012	0	88.21	4.31	646.07	1	123.89	205.86	5	1,074.34
27	3/31/2012	0	100.61	5	643.12	1	123.58	193.42	5.71	1,072.44
28	4/30/2012	0	122.3	5	637	1	125.13	183.63	5	1,079.06
29	5/31/2012	0	142.42	5	628.36	1	122.8	196.55	4.94	1,101.07
30	6/30/2012	0	137.13	5	617.87	1	122.3	203.9	4	1,091.20
31	7/31/2012	0	132.26	5.13	610.26	1	121.81	217.48	4	1,091.94
32	8/31/2012	0	127.77	4.48	599.44	1	125.51	220.55	4	1,082.75
33	9/30/2012	0	125.17	4	597.3	1	128.1	226.9	4	1,086.47
34	10/31/2012	0	133.16	4.03	583.77	1	132.19	235.32	3.52	1,092.99
35	11/30/2012	0	157.87	4	588	1	131.47	234.73	3	1,120.07
36	12/31/2012	0	162.22	4	586.45	1	131.84	227.16	3	1,115.67

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
37	1/31/2013	0	170.55	4	592.65	1	130.36	209.39	4.19	1,112.14
38	2/28/2013	0	174.21	4.39	592.15	1	127.75	199.61	4	1,103.11
39	3/31/2013	0	186.58	6	563.48	1	127.16	195.48	4	1,083.70
40	4/30/2013	0	183.8	6	568.5	1	126.2	197.43	4	1,086.93
41	5/31/2013	0	184.1	6.97	554.12	1	126.17	200.16	4	1,076.52
42	6/30/2013	0	173.47	7	546.73	1	124.8	204.03	4	1,061.03
43	7/31/2013	0	164.38	7	530.1	1	125.84	200.94	4	1,033.26
44	8/31/2013	0	153.65	6.65	533.64	1	126.39	217.03	4	1,042.36
45	9/30/2013	0	146.53	6	535.94	1	127.1	211.23	4	1,031.80
46	10/31/2013	0	127	4.06	533.9	1	128.39	212.61	4	1,010.96
47	11/30/2013	0	119.73	4.03	538.96	1	129	207	4	1,003.72
48	12/31/2013	0	115.81	4.39	533.61	1	128.74	202.39	4	989.94
49	1/31/2014	0	113.9	4.35	539.75	1	130.45	205.65	4	999.1
50	2/28/2014	0	126.22	4.14	541.24	1	134.61	203.86	4	1,015.07
51	3/31/2014	0	152.35	5	543.71	1	137.55	198.68	4	1,042.29
52	4/30/2014	0	163.4	5.04	554.84	1	138.37	211.4	4	1,078.05
53	5/31/2014	0	179.23	4.61	552.71	1	138.59	215.61	3.58	1,095.33
54	6/30/2014	0	186.3	5.13	557.24	1	136.8	199.97	3.2	1,089.64
55	7/31/2014	0	183.65	5.68	566	1	139.87	196.68	3.48	1,096.36
56	8/31/2014	0	191.87	5	570.99	1	142.58	189.06	3	1,103.50
57	9/30/2014	0	191.5	5	581.43	1	142.9	178.9	3	1,103.73
58	10/31/2014	0	183.16	6	585.94	1	143.03	178.19	3.26	1,100.58
59	11/30/2014	0	184.7	6	590.93	1	140.13	177.73	3.2	1,103.69
60	12/31/2014	0	173.7	6	597.36	1	140.42	175.23	2	1,095.71
61	1/31/2015	0	164.77	7	613.68	1	141.36	166.74	2	1,096.55
62	2/28/2015	0	164.39	7	623.29	1	140.28	159.39	2	1,097.35
63	3/31/2015	0	163.29	8	634.45	1	142.84	155.13	0.87	1,105.58
64	4/30/2015	0	160.07	7.97	639.33	1	144.26	148.4	0	1,101.03
65	5/31/2015	0	168.84	7	631.58	1	142.35	150.45	0	1,101.22
66	6/30/2015	0	164.2	7	635.13	1	143.8	150.37	0	1,101.50
67	7/31/2015	0	173.52	7	615	1	143.61	150.1	0	1,090.23
68	8/31/2015	0	209.13	7	574.16	1	146.19	145.06	0.19	1,082.73
69	9/30/2015	0	236.17	7.5	573.74	1	144.27	143	1	1,106.68
70	10/31/2015	0	251.87	8	582.61	1	145.29	145.84	1	1,135.61
71	11/30/2015	0	248.74	8	580.73	1	146.3	158.7	1	1,144.47
72	12/31/2015	0	237.13	8	581.09	1	143.74	172.87	1	1,144.83
73	1/31/2016	0	226.81	8.61	582.51	0.97	141.22	193.32	0.45	1,153.89
74	2/29/2016	0	213.14	10	583.66	1	135.97	229.1	0.03	1,172.90
75	3/31/2016	0	207.55	9.1	565.64	1	127.71	248.74	0.23	1,159.97
76	4/30/2016	0	216.97	9	565.13	1	121.9	248.57	0.06	1,162.63

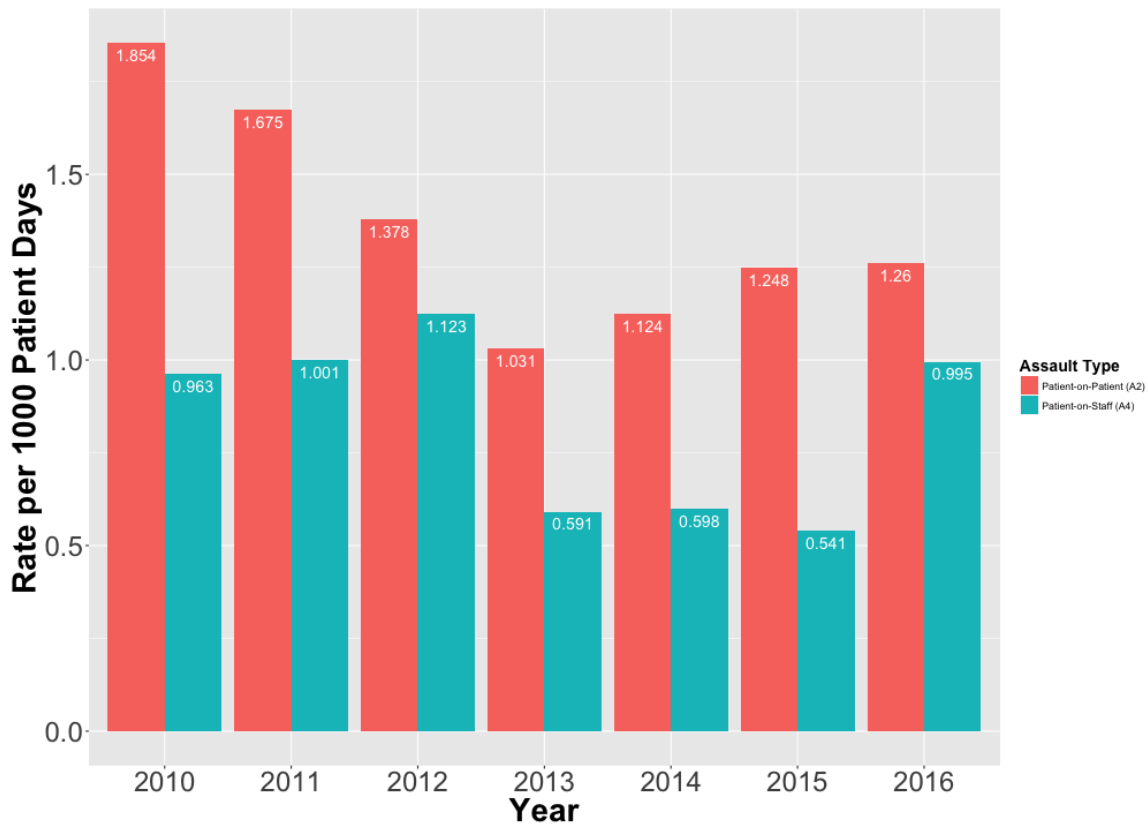
#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
77	5/31/2016	0	227.2	9.19	576.13	1	119.74	247.42	0.26	1,180.94
78	6/30/2016	0	242.37	10	569.87	1	120.8	232.83	0	1,176.87
79	7/31/2016	0	243.9	10	567.32	0.94	120.84	217.61	0.03	1,160.64
80	8/31/2016	0	231.42	9.26	563.9	1	121.23	212.35	0	1,139.16
81	9/30/2016	0	228.07	10.57	573.4	1	120.4	210.1	0	1,143.54
82	10/31/2016	0	258.9	10.74	573.96	1	121.03	216.87	0	1,182.50
83	11/30/2016	0	257.63	9.57	573.9	1	121.53	223.03	0	1,186.66
84	12/31/2016	0	249.04	9	585.93	1	119.49	217.59	0.06	1,182.11

As can be seen, there were no DJJ patients at DSH-Atascadero during this time. Additionally, the numbers of LPS's, MDSO's, and SVP's were too few to allow conclusions to be drawn about violence trends, and so will not be presented.

Rates of Violence at DSH-Atascadero

Yearly Rates

Figure 11
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Atascadero



*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.*

- Overall, the total number of patient assaults increased 6.5% over the 2015 total, while the total number of staff assaults increased by 94% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 5.5% the **rate** of patient on patient assault increased 1% over 2015 (see Table 3), while the **rate** of patient on staff assault increased 89% from 2015.

Table 3
DSH-Atascadero Yearly A2 Patient on Patient Assault Summary

YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	768	414313	1.854	NA
2011	684	408478	1.675	-9.7
2012	550	399075	1.378	-17.7
2013	396	384207	1.031	-25.2
2014	442	393194	1.124	9.0
2015	505	404754	1.248	11.0
2016	538	427041	1.26	1

Table 4
DSH-Atascadero Yearly A4 Patient on Staff Assault Summary

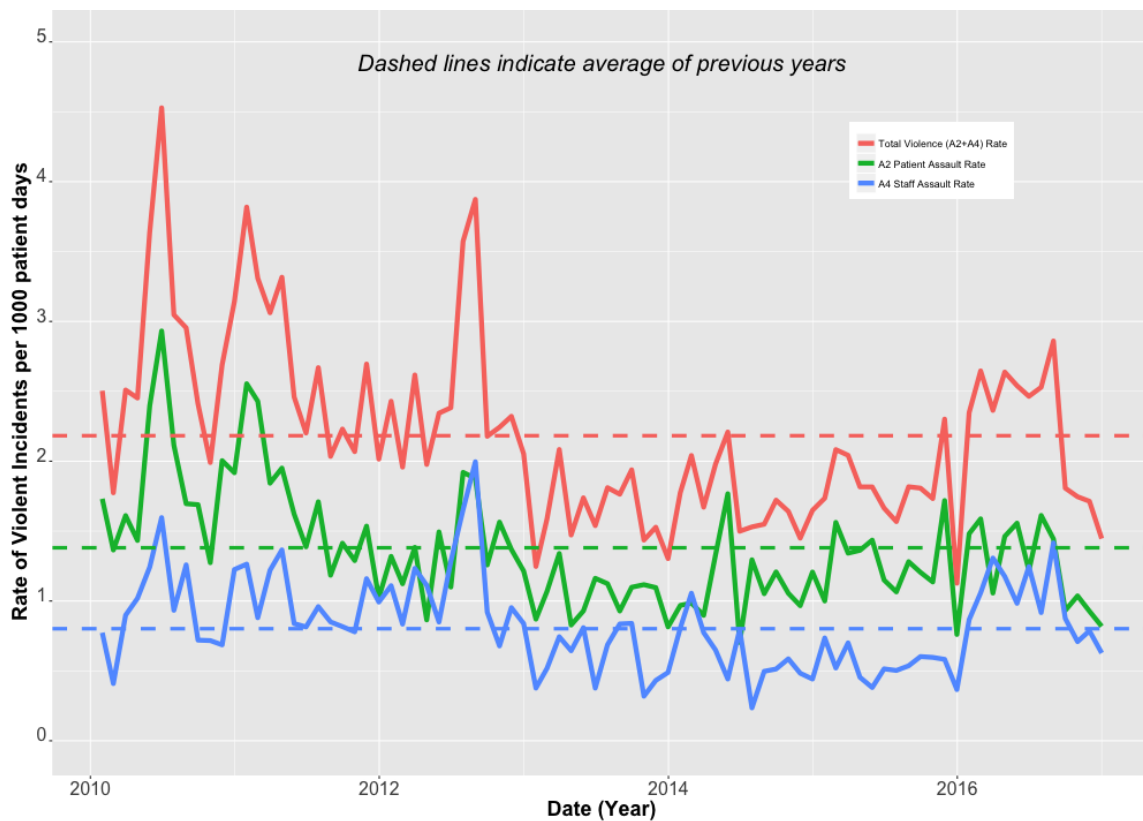
YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	399	414313	0.963	NA
2011	409	408478	1.001	3.9
2012	448	399075	1.123	12.2
2013	227	384207	0.591	-47.4
2014	235	393194	0.598	1.2
2015	219	404754	0.541	-9.5
2016	425	427041	0.995	83.9

* Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.

Monthly Rates

The previous barplot showing the violence rates as an overall yearly average does not show the monthly variability in the rates that occurs regularly. Two figures are shown, the first being a plot of the violence rates on a monthly basis, and the second showing the violence rates for each month averaged over the six months before and after each month, to create a “smoothed” plot (much like you would see in a financial article, where daily results are “smoothed” to better discern trends over time).

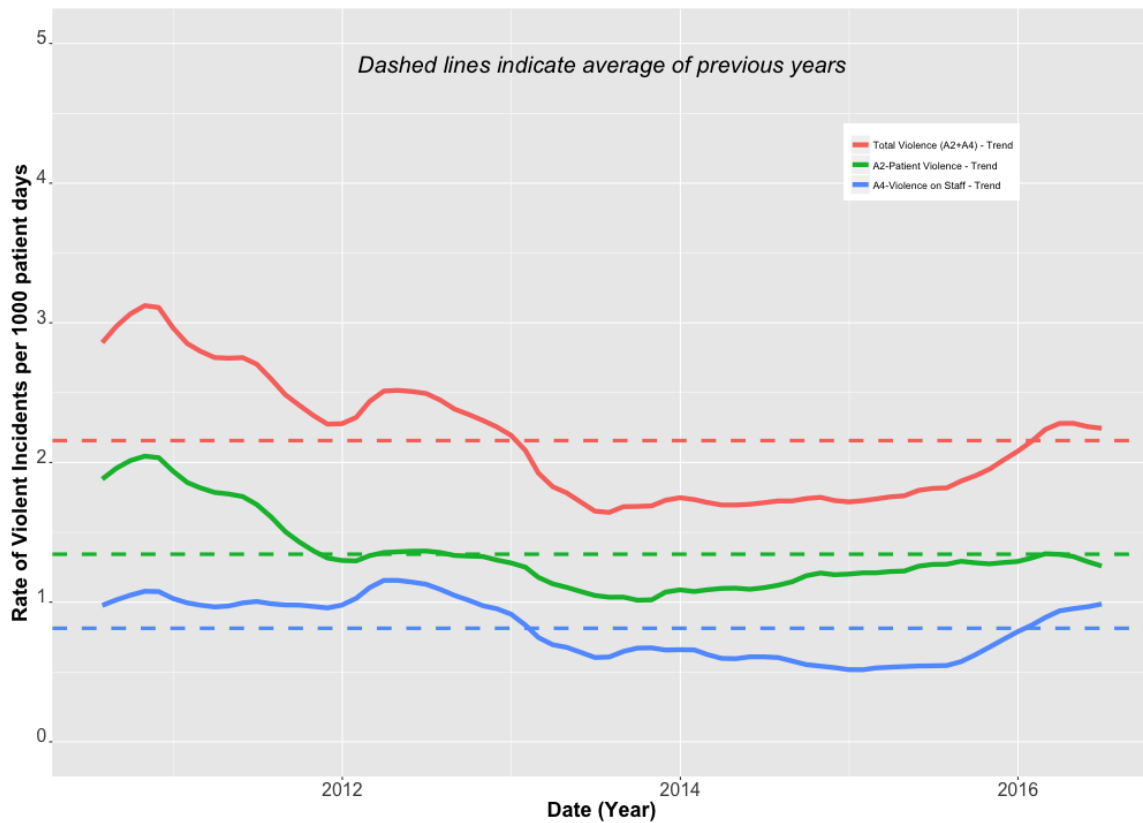
Figure 50
DSH-Atascadero Monthly Rates of Violence per 1000 Patient Days



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Trend of Monthly Rates

Figure 51
DSH-Atascadero Trends of Monthly Rates of Violence per 1000 Patient Days



*Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.*

Figure 51 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Atascadero. The dashed lines indicate the previous years (2010-2015) average rate for each category, for comparison with 2016.

Table 36 provides a yearly summary of the year-over-year changes in the assault rates.

Table 36
DSH-Atascadero Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/10	1.73	0.77	2.50
2	2/28/10	1.36	0.41	1.77
3	3/31/10	1.61	0.90	2.51
4	4/30/10	1.43	1.02	2.45
5	5/31/10	2.40	1.24	3.64
6	6/30/10	2.93	1.60	4.53
7	7/31/10	2.11	0.93	3.05
8	8/31/10	1.70	1.26	2.95
9	9/30/10	1.69	0.72	2.41
10	10/31/10	1.27	0.72	1.99
11	11/30/10	2.00	0.69	2.69
12	12/31/10	1.92	1.23	3.14
13	1/31/11	2.55	1.26	3.82
14	2/28/11	2.43	0.88	3.31
15	3/31/11	1.84	1.22	3.06
16	4/30/11	1.95	1.37	3.32
17	5/31/11	1.62	0.84	2.46
18	6/30/11	1.39	0.81	2.20
19	7/31/11	1.71	0.96	2.67
20	8/31/11	1.18	0.85	2.03
21	9/30/11	1.41	0.82	2.23
22	10/31/11	1.29	0.78	2.07
23	11/30/11	1.54	1.16	2.70
24	12/31/11	1.02	0.99	2.02
25	1/31/12	1.32	1.11	2.43
26	2/29/12	1.12	0.83	1.96
27	3/31/12	1.38	1.23	2.62
28	4/30/12	0.86	1.11	1.98
29	5/31/12	1.49	0.85	2.34
30	6/30/12	1.10	1.28	2.38
31	7/31/12	1.92	1.65	3.57
32	8/31/12	1.88	2.00	3.87

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
33	9/30/12	1.26	0.92	2.18
34	10/31/12	1.56	0.68	2.24
35	11/30/12	1.37	0.95	2.32
36	12/31/12	1.21	0.84	2.05
37	1/31/13	0.87	0.38	1.25
38	2/28/13	1.07	0.52	1.59
39	3/31/13	1.34	0.74	2.08
40	4/30/13	0.83	0.64	1.47
41	5/31/13	0.93	0.81	1.74
42	6/30/13	1.16	0.38	1.54
43	7/31/13	1.12	0.69	1.81
44	8/31/13	0.93	0.84	1.76
45	9/30/13	1.10	0.84	1.94
46	10/31/13	1.12	0.32	1.44
47	11/30/13	1.10	0.43	1.53
48	12/31/13	0.81	0.49	1.30
49	1/31/14	0.97	0.81	1.78
50	2/28/14	0.99	1.06	2.04
51	3/31/14	0.90	0.77	1.67
52	4/30/14	1.33	0.65	1.98
53	5/31/14	1.77	0.44	2.21
54	6/30/14	0.70	0.80	1.50
55	7/31/14	1.29	0.24	1.53
56	8/31/14	1.05	0.50	1.55
57	9/30/14	1.21	0.51	1.72
58	10/31/14	1.06	0.59	1.64
59	11/30/14	0.97	0.48	1.45
60	12/31/14	1.21	0.44	1.65
61	1/31/15	1.00	0.74	1.74
62	2/28/15	1.56	0.52	2.08
63	3/31/15	1.34	0.70	2.04
64	4/30/15	1.36	0.45	1.82
65	5/31/15	1.44	0.38	1.82
66	6/30/15	1.15	0.51	1.66
67	7/31/15	1.07	0.50	1.57
68	8/31/15	1.28	0.54	1.82
69	9/30/15	1.20	0.60	1.81

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
70	10/31/15	1.14	0.60	1.73
71	11/30/15	1.72	0.58	2.30
72	12/31/15	0.76	0.37	1.13
73	1/31/16	1.48	0.87	2.35
74	2/29/16	1.59	1.06	2.65
75	3/31/16	1.06	1.31	2.36
76	4/30/16	1.46	1.18	2.64
77	5/31/16	1.56	0.98	2.54
78	6/30/16	1.22	1.25	2.46
79	7/31/16	1.61	0.92	2.53
80	8/31/16	1.44	1.42	2.86
81	9/30/16	0.93	0.87	1.81
82	10/31/16	1.04	0.71	1.75
83	11/30/16	0.93	0.79	1.71
84	12/31/16	0.82	0.63	1.45

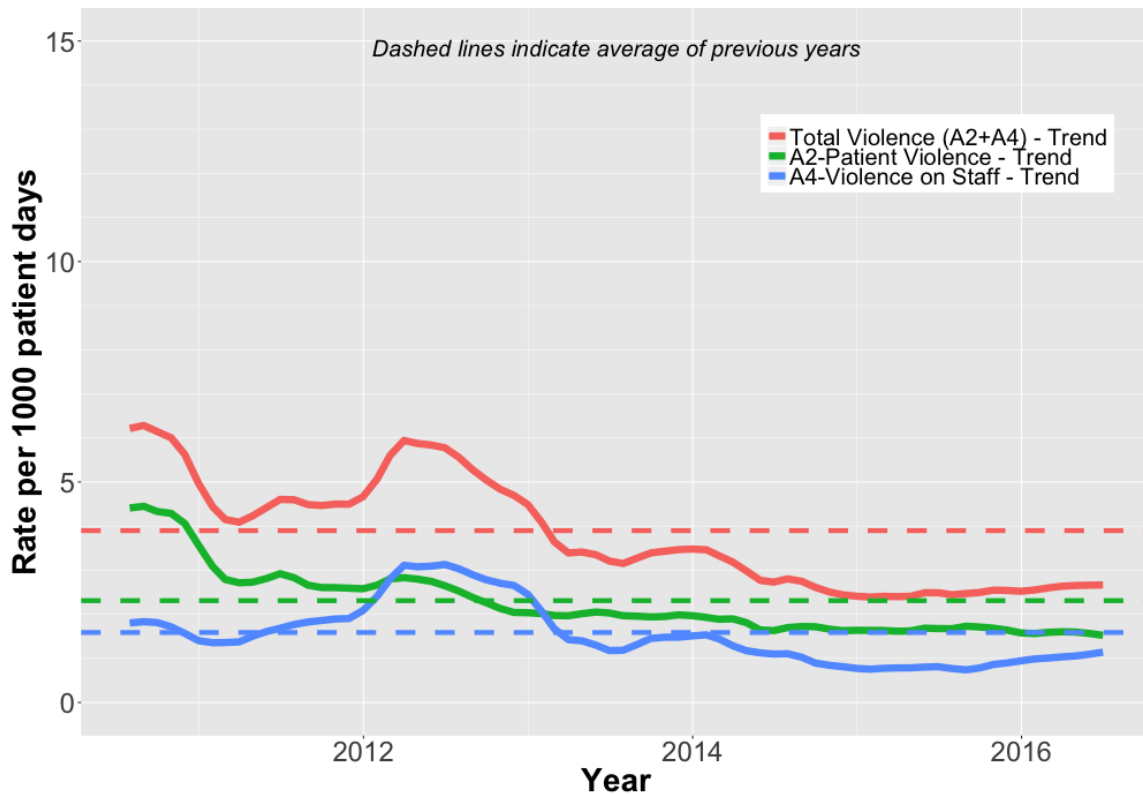
Violence Rates by Major Legal Classes

DSH-Atascadero IST's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 52
Trends of Monthly Rates of Violence for IST's at DSH-Atascadero

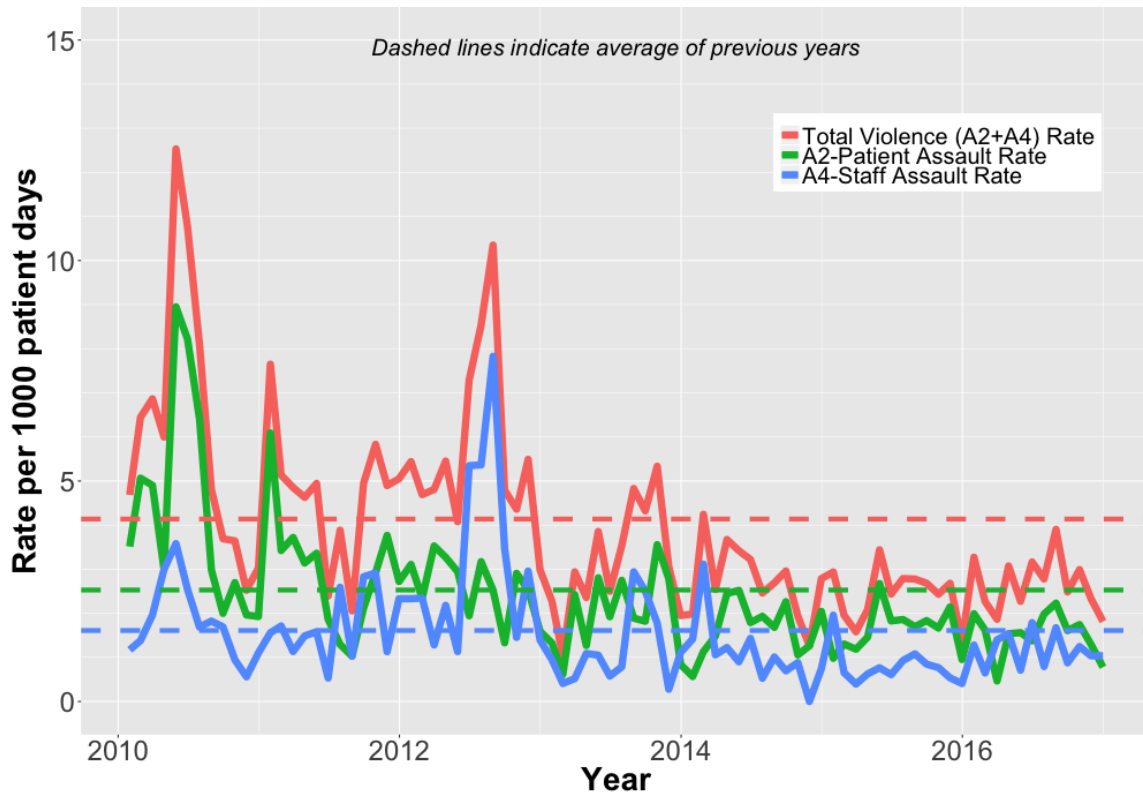


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 53
Monthly Rates of Violence for IST's at DSH-Atascadero



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.

Table 37
DSH-Atascadero IST Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	3.513	1.171	4.684
2	2/28/2010	5.064	1.381	6.446
3	3/31/2010	4.902	1.961	6.863
4	4/30/2010	2.999	2.999	5.997
5	5/31/2010	8.95	3.58	12.53
6	6/30/2010	8.219	2.544	10.763
7	7/31/2010	6.419	1.689	8.108
8	8/31/2010	2.984	1.824	4.808
9	9/30/2010	1.999	1.692	3.691
10	10/31/2010	2.697	0.944	3.641
11	11/30/2010	1.962	0.561	2.523
12	12/31/2010	1.926	1.101	3.027
13	1/31/2011	6.09	1.558	7.648
14	2/28/2011	3.423	1.712	5.135
15	3/31/2011	3.72	1.132	4.852
16	4/30/2011	3.141	1.488	4.629
17	5/31/2011	3.362	1.582	4.945
18	6/30/2011	1.862	0.532	2.394
19	7/31/2011	1.295	2.59	3.885
20	8/31/2011	1.028	1.028	2.056
21	9/30/2011	2.122	2.829	4.95
22	10/31/2011	2.915	2.915	5.831
23	11/30/2011	3.766	1.13	4.896
24	12/31/2011	2.721	2.332	5.052
25	1/31/2012	3.108	2.331	5.439
26	2/29/2012	2.346	2.346	4.691
27	3/31/2012	3.527	1.282	4.809
28	4/30/2012	3.271	2.18	5.451
29	5/31/2012	2.945	1.133	4.077
30	6/30/2012	1.945	5.348	7.292
31	7/31/2012	3.171	5.366	8.537
32	8/31/2012	2.525	7.826	10.351
33	9/30/2012	1.332	3.462	4.794
34	10/31/2012	2.907	1.453	4.36

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
35	11/30/2012	2.534	2.956	5.49
36	12/31/2012	1.591	1.392	2.983
37	1/31/2013	1.324	0.946	2.27
38	2/28/2013	0.615	0.41	1.025
39	3/31/2013	2.42	0.519	2.939
40	4/30/2013	1.269	1.088	2.358
41	5/31/2013	2.804	1.051	3.855
42	6/30/2013	1.922	0.576	2.498
43	7/31/2013	2.747	0.785	3.532
44	8/31/2013	1.89	2.939	4.829
45	9/30/2013	1.82	2.502	4.322
46	10/31/2013	3.556	1.778	5.334
47	11/30/2013	2.784	0.278	3.062
48	12/31/2013	0.836	1.114	1.95
49	1/31/2014	0.566	1.416	1.982
50	2/28/2014	1.132	3.113	4.244
51	3/31/2014	1.482	1.059	2.541
52	4/30/2014	2.448	1.224	3.672
53	5/31/2014	2.52	0.9	3.42
54	6/30/2014	1.789	1.431	3.221
55	7/31/2014	1.932	0.527	2.459
56	8/31/2014	1.681	1.009	2.69
57	9/30/2014	2.263	0.696	2.959
58	10/31/2014	1.057	0.881	1.937
59	11/30/2014	1.263	0	1.263
60	12/31/2014	2.043	0.743	2.786
61	1/31/2015	0.979	1.958	2.937
62	2/28/2015	1.303	0.652	1.955
63	3/31/2015	1.185	0.395	1.58
64	4/30/2015	1.458	0.625	2.082
65	5/31/2015	2.675	0.764	3.439
66	6/30/2015	1.827	0.609	2.436
67	7/31/2015	1.859	0.93	2.789
68	8/31/2015	1.697	1.08	2.776
69	9/30/2015	1.835	0.847	2.682
70	10/31/2015	1.665	0.768	2.433
71	11/30/2015	2.144	0.536	2.68

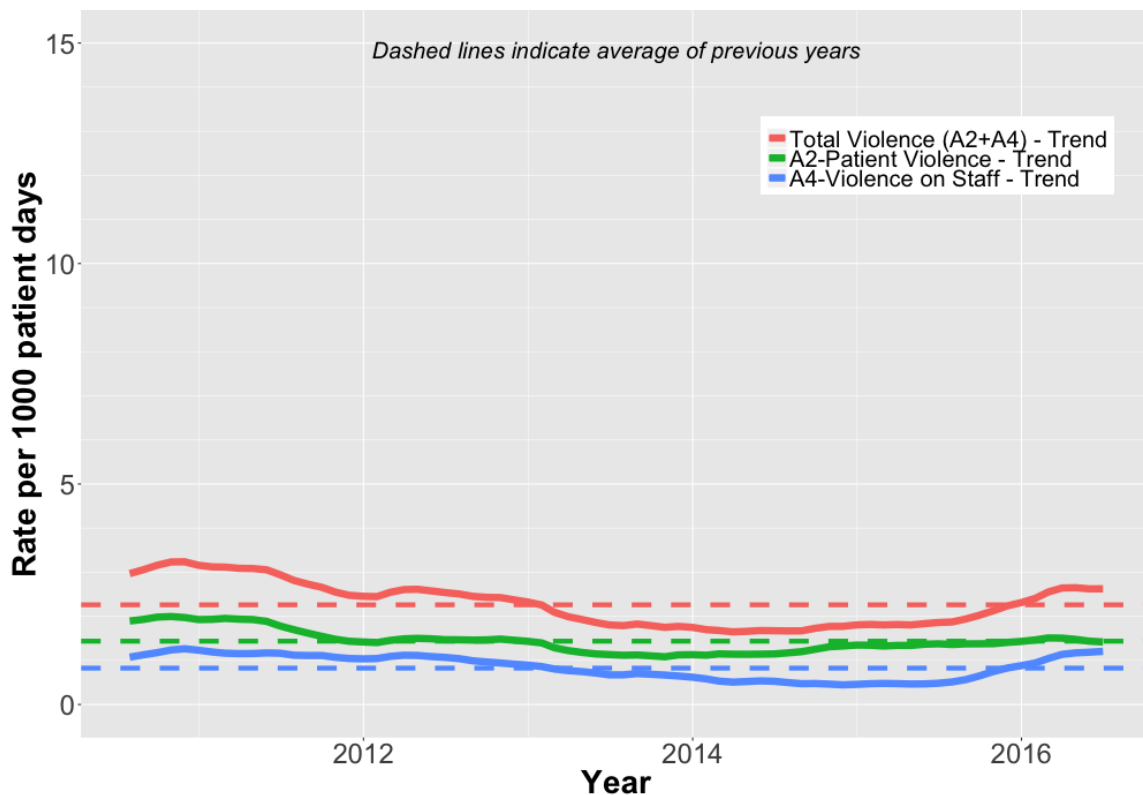
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
72	12/31/2015	0.952	0.408	1.36
73	1/31/2016	1.991	1.28	3.271
74	2/29/2016	1.618	0.647	2.265
75	3/31/2016	0.466	1.399	1.865
76	4/30/2016	1.536	1.536	3.073
77	5/31/2016	1.562	0.71	2.272
78	6/30/2016	1.375	1.788	3.163
79	7/31/2016	1.984	0.794	2.777
80	8/31/2016	2.23	1.673	3.903
81	9/30/2016	1.608	0.877	2.485
82	10/31/2016	1.744	1.246	2.99
83	11/30/2016	1.294	1.035	2.329
84	12/31/2016	0.777	1.036	1.813

DSH-Atascadero MDO's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 54
Trends of Monthly Rates of Violence for MDO's at DSH-Atascadero

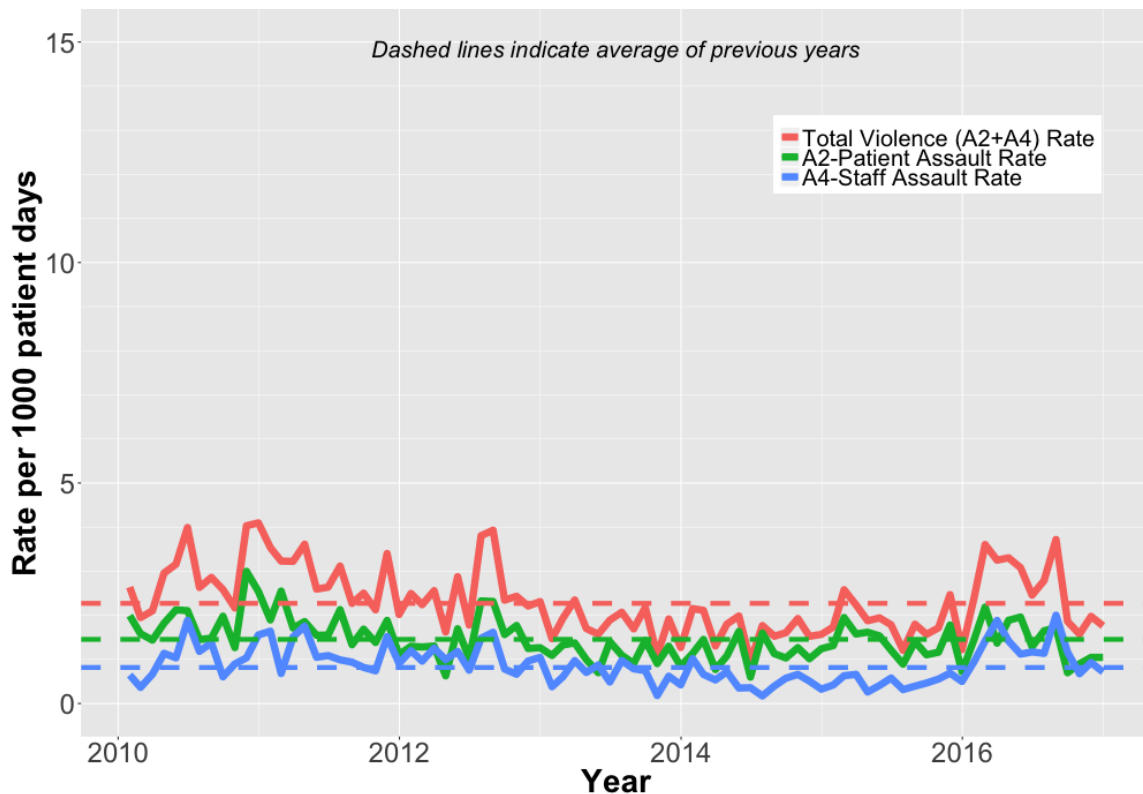


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 55
Monthly Rates of Violence for MDO's at DSH-Atascadero



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Table 38
DSH-Atascadero MDO Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.992	0.646	2.639
2	2/28/2010	1.583	0.365	1.948
3	3/31/2010	1.438	0.664	2.102
4	4/30/2010	1.82	1.137	2.957
5	5/31/2010	2.123	1.034	3.157
6	6/30/2010	2.106	1.884	3.99
7	7/31/2010	1.45	1.182	2.632
8	8/31/2010	1.482	1.376	2.858
9	9/30/2010	1.979	0.605	2.584
10	10/31/2010	1.268	0.898	2.165
11	11/30/2010	2.997	1.035	4.032
12	12/31/2010	2.541	1.555	4.096
13	1/31/2011	1.896	1.64	3.535
14	2/28/2011	2.549	0.68	3.229
15	3/31/2011	1.712	1.511	3.223
16	4/30/2011	1.858	1.754	3.612
17	5/31/2011	1.546	1.048	2.594
18	6/30/2011	1.552	1.087	2.639
19	7/31/2011	2.127	0.989	3.116
20	8/31/2011	1.332	0.938	2.27
21	9/30/2011	1.685	0.817	2.503
22	10/31/2011	1.383	0.741	2.125
23	11/30/2011	1.884	1.517	3.401
24	12/31/2011	1.11	0.908	2.019
25	1/31/2012	1.297	1.197	2.495
26	2/29/2012	1.281	0.961	2.242
27	3/31/2012	1.304	1.254	2.558
28	4/30/2012	0.628	0.994	1.622
29	5/31/2012	1.694	1.181	2.875
30	6/30/2012	1.025	0.755	1.78
31	7/31/2012	2.326	1.48	3.806
32	8/31/2012	2.314	1.614	3.928
33	9/30/2012	1.563	0.781	2.344
34	10/31/2012	1.768	0.663	2.431

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
35	11/30/2012	1.247	0.964	2.211
36	12/31/2012	1.265	1.045	2.31
37	1/31/2013	1.089	0.381	1.47
38	2/28/2013	1.327	0.603	1.93
39	3/31/2013	1.374	0.973	2.347
40	4/30/2013	0.997	0.704	1.7
41	5/31/2013	0.699	0.873	1.572
42	6/30/2013	1.402	0.488	1.89
43	7/31/2013	1.095	0.974	2.069
44	8/31/2013	0.907	0.786	1.693
45	9/30/2013	1.431	0.746	2.177
46	10/31/2013	0.906	0.181	1.088
47	11/30/2013	1.299	0.618	1.917
48	12/31/2013	0.846	0.423	1.269
49	1/31/2014	1.136	1.016	2.152
50	2/28/2014	1.452	0.66	2.112
51	3/31/2014	0.771	0.534	1.305
52	4/30/2014	1.081	0.721	1.802
53	5/31/2014	1.634	0.35	1.984
54	6/30/2014	0.598	0.359	0.957
55	7/31/2014	1.596	0.171	1.767
56	8/31/2014	1.13	0.395	1.525
57	9/30/2014	1.032	0.573	1.605
58	10/31/2014	1.266	0.661	1.927
59	11/30/2014	1.015	0.508	1.523
60	12/31/2014	1.242	0.324	1.566
61	1/31/2015	1.314	0.421	1.735
62	2/28/2015	1.948	0.63	2.579
63	3/31/2015	1.576	0.661	2.237
64	4/30/2015	1.616	0.261	1.877
65	5/31/2015	1.532	0.409	1.941
66	6/30/2015	1.207	0.577	1.784
67	7/31/2015	0.892	0.315	1.206
68	8/31/2015	1.405	0.393	1.798
69	9/30/2015	1.104	0.465	1.569
70	10/31/2015	1.163	0.554	1.716
71	11/30/2015	1.779	0.689	2.468

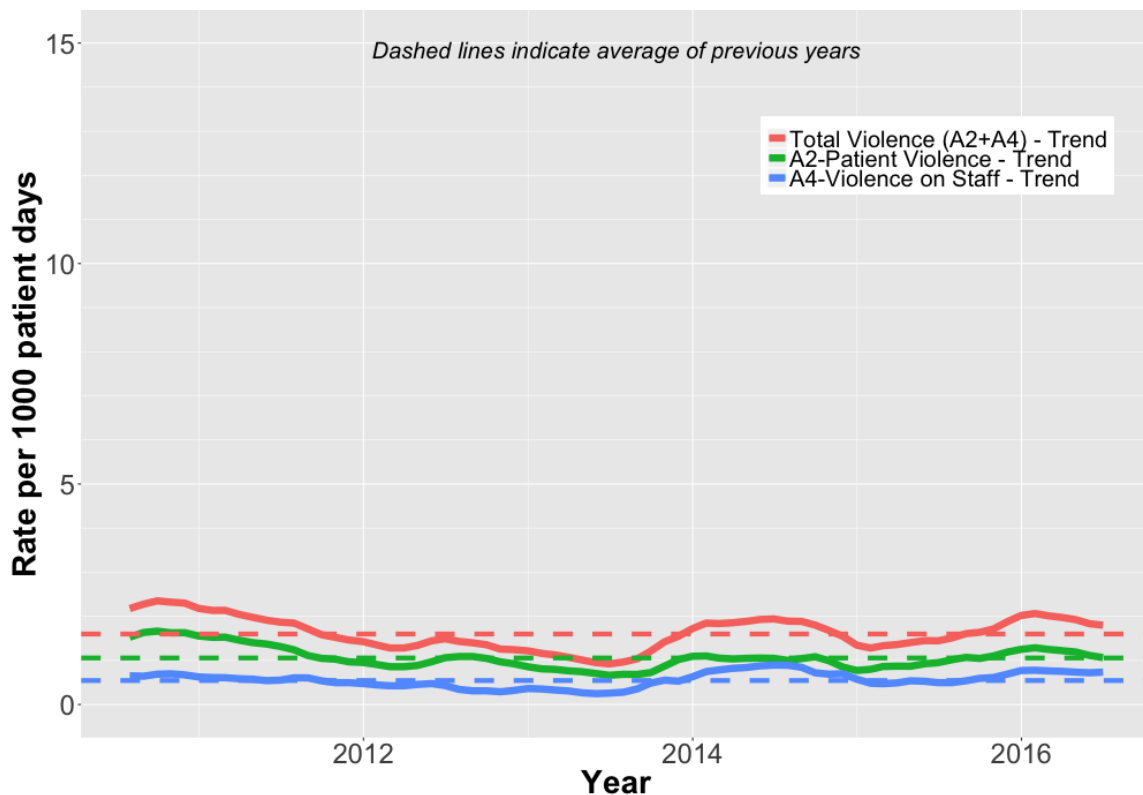
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
72	12/31/2015	0.722	0.5	1.221
73	1/31/2016	1.44	0.941	2.381
74	2/29/2016	2.186	1.418	3.604
75	3/31/2016	1.369	1.882	3.251
76	4/30/2016	1.887	1.416	3.303
77	5/31/2016	1.96	1.12	3.08
78	6/30/2016	1.287	1.17	2.457
79	7/31/2016	1.649	1.137	2.786
80	8/31/2016	1.716	2.002	3.718
81	9/30/2016	0.698	1.163	1.86
82	10/31/2016	0.899	0.674	1.574
83	11/30/2016	1.045	0.929	1.975
84	12/31/2016	1.046	0.716	1.762

DSH-Atascadero NGRI's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 56
Trends of Monthly Rates of Violence for NGRI's at DSH-Atascadero

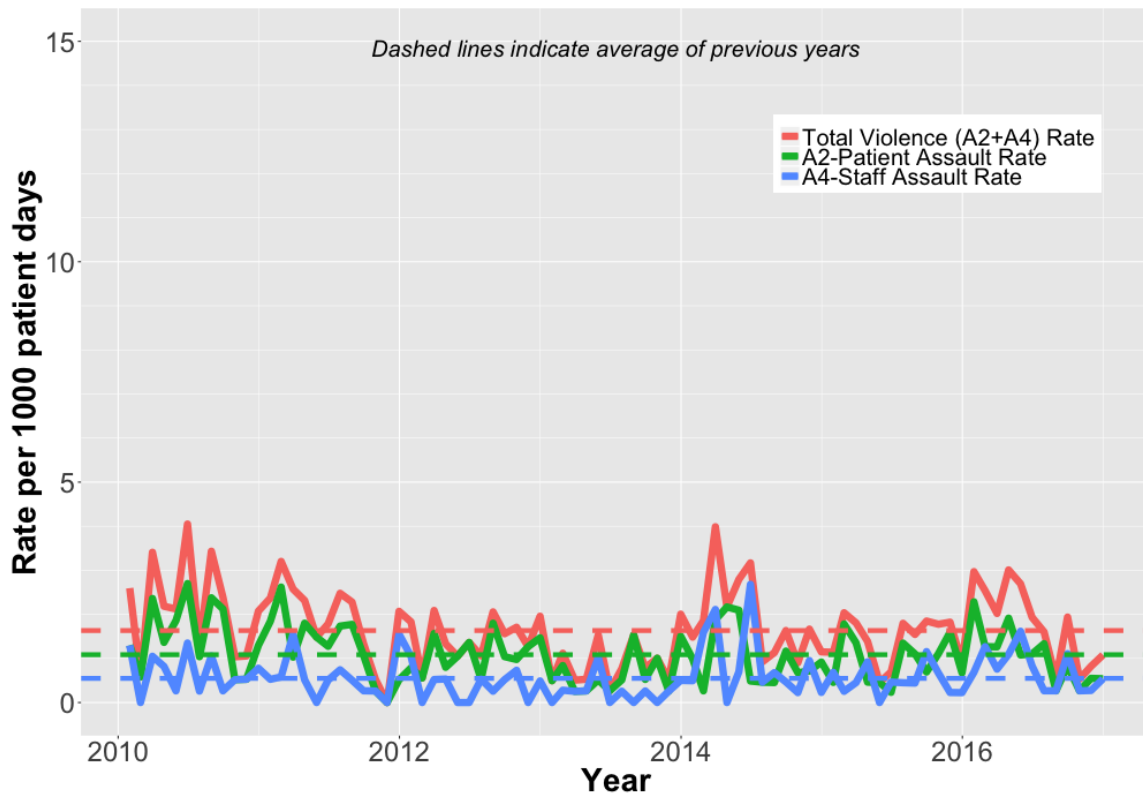


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 57
Monthly Rates of Violence for NGRI's at DSH-Atascadero



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.

Table 39
DSH-Atascadero NGRI Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.298	1.298	2.595
2	2/28/2010	0.58	0	0.58
3	3/31/2010	2.36	1.049	3.408
4	4/30/2010	1.365	0.819	2.183
5	5/31/2010	1.858	0.265	2.123
6	6/30/2010	2.699	1.35	4.049
7	7/31/2010	1.039	0.26	1.299
8	8/31/2010	2.376	1.056	3.432
9	9/30/2010	2.122	0.265	2.387
10	10/31/2010	0.518	0.518	1.037
11	11/30/2010	0.528	0.528	1.055
12	12/31/2010	1.297	0.778	2.075
13	1/31/2011	1.843	0.527	2.37
14	2/28/2011	2.619	0.582	3.2
15	3/31/2011	1.03	1.544	2.574
16	4/30/2011	1.8	0.514	2.314
17	5/31/2011	1.483	0	1.483
18	6/30/2011	1.276	0.51	1.786
19	7/31/2011	1.734	0.743	2.478
20	8/31/2011	1.773	0.507	2.28
21	9/30/2011	1.066	0.266	1.332
22	10/31/2011	0.261	0.261	0.522
23	11/30/2011	0	0	0
24	12/31/2011	0.517	1.552	2.069
25	1/31/2012	0.785	1.046	1.831
26	2/29/2012	0.557	0	0.557
27	3/31/2012	1.566	0.522	2.088
28	4/30/2012	0.799	0.533	1.332
29	5/31/2012	1.051	0	1.051
30	6/30/2012	1.363	0	1.363
31	7/31/2012	0.53	0.53	1.059
32	8/31/2012	1.799	0.257	2.056
33	9/30/2012	1.041	0.52	1.561
34	10/31/2012	0.976	0.732	1.708

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
35	11/30/2012	1.268	0	1.268
36	12/31/2012	1.468	0.489	1.957
37	1/31/2013	0.495	0	0.495
38	2/28/2013	0.839	0.28	1.118
39	3/31/2013	0.254	0.254	0.507
40	4/30/2013	0.264	0.264	0.528
41	5/31/2013	0.511	1.023	1.534
42	6/30/2013	0.267	0	0.267
43	7/31/2013	0.513	0.256	0.769
44	8/31/2013	1.531	0	1.531
45	9/30/2013	0.525	0.262	0.787
46	10/31/2013	1.005	0	1.005
47	11/30/2013	0.258	0.258	0.517
48	12/31/2013	1.503	0.501	2.005
49	1/31/2014	0.989	0.495	1.484
50	2/28/2014	0.265	1.592	1.857
51	3/31/2014	1.876	2.111	3.987
52	4/30/2014	2.168	0	2.168
53	5/31/2014	2.095	0.698	2.793
54	6/30/2014	0.487	2.68	3.168
55	7/31/2014	0.461	0.461	0.923
56	8/31/2014	0.452	0.679	1.131
57	9/30/2014	1.166	0.467	1.633
58	10/31/2014	0.677	0.226	0.902
59	11/30/2014	0.714	0.951	1.665
60	12/31/2014	0.919	0.23	1.149
61	1/31/2015	0.456	0.685	1.141
62	2/28/2015	1.782	0.255	2.037
63	3/31/2015	1.355	0.452	1.807
64	4/30/2015	0.462	0.924	1.386
65	5/31/2015	0.453	0	0.453
66	6/30/2015	0.232	0.464	0.695
67	7/31/2015	1.348	0.449	1.797
68	8/31/2015	1.103	0.441	1.545
69	9/30/2015	0.693	1.155	1.848
70	10/31/2015	1.11	0.666	1.776
71	11/30/2015	1.595	0.228	1.823

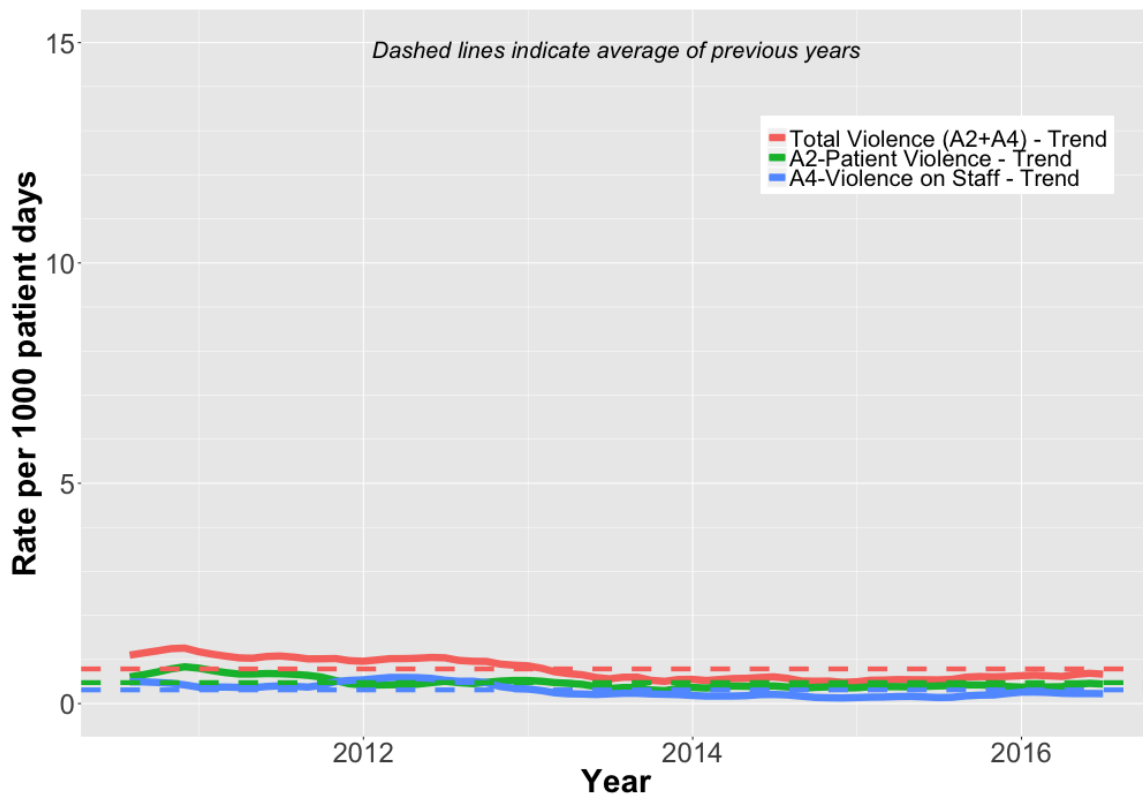
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
72	12/31/2015	0.673	0.224	0.898
73	1/31/2016	2.284	0.685	2.969
74	2/29/2016	1.268	1.268	2.536
75	3/31/2016	1.263	0.758	2.021
76	4/30/2016	1.914	1.094	3.008
77	5/31/2016	1.078	1.616	2.694
78	6/30/2016	1.104	0.828	1.932
79	7/31/2016	1.335	0.267	1.602
80	8/31/2016	0.266	0.266	0.532
81	9/30/2016	0.831	1.107	1.938
82	10/31/2016	0.267	0.267	0.533
83	11/30/2016	0.549	0.274	0.823
84	12/31/2016	0.54	0.54	1.08

DSH-Atascadero PC2684's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 58
Trends of Monthly Rates of Violence for PC2684's at DSH-Atascadero

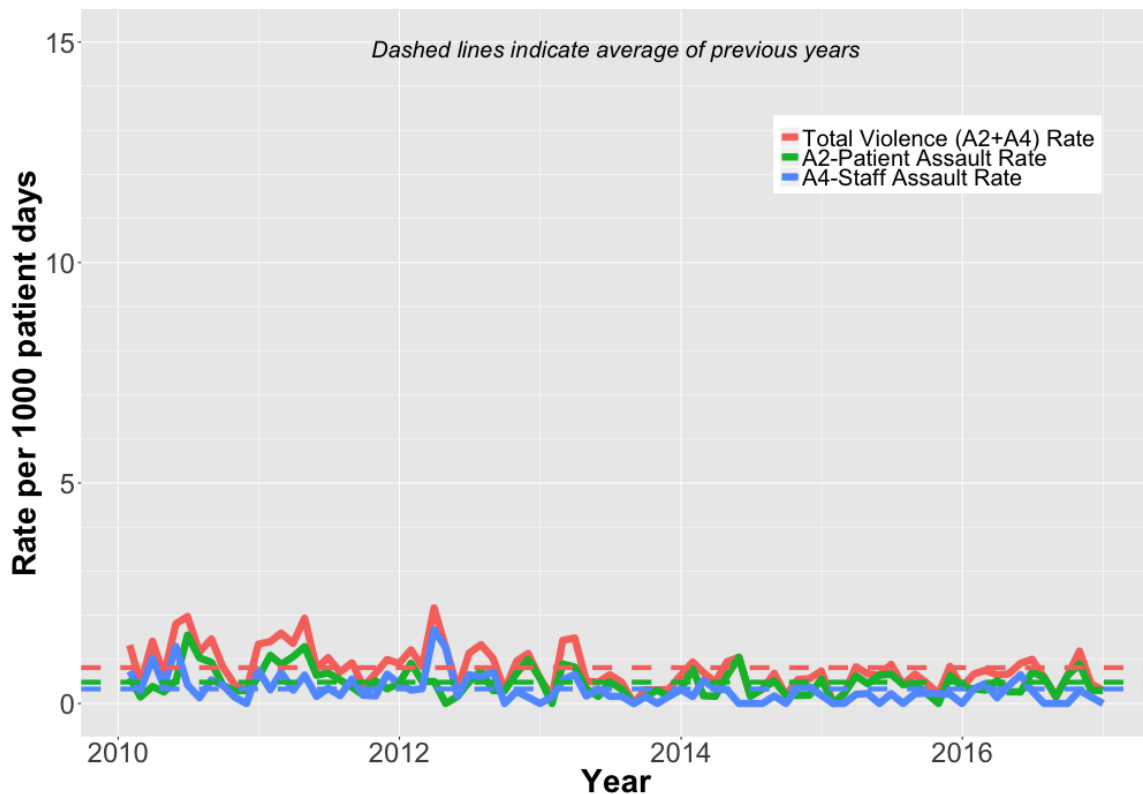


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.1.B](#) for further details.

Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 59
Monthly Rates of Violence for PC2684's at DSH-Atascadero



Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. This resulted in an increase in the rates A4 assaults between 2015 and 2016. When using the same methodology as previous DSH Violence Reports, a DSH wide 2% decrease in the rate of patient on staff assaults from 2015 to 2016 can be seen. See [Section II.I.B](#) for further details.

Table 40
DSH-Atascadero PC2684 Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	0.588	0.736	1.324
2	2/28/2010	0.148	0.296	0.444
3	3/31/2010	0.385	1.027	1.412
4	4/30/2010	0.262	0.393	0.655
5	5/31/2010	0.517	1.292	1.809
6	6/30/2010	1.55	0.423	1.973
7	7/31/2010	1.036	0.129	1.165
8	8/31/2010	0.932	0.533	1.465
9	9/30/2010	0.411	0.411	0.823
10	10/31/2010	0.283	0.142	0.425
11	11/30/2010	0.297	0	0.297
12	12/31/2010	0.598	0.748	1.346
13	1/31/2011	1.092	0.312	1.404
14	2/28/2011	0.887	0.709	1.596
15	3/31/2011	1.06	0.303	1.363
16	4/30/2011	1.289	0.644	1.933
17	5/31/2011	0.641	0.16	0.801
18	6/30/2011	0.693	0.347	1.04
19	7/31/2011	0.535	0.178	0.714
20	8/31/2011	0.369	0.554	0.924
21	9/30/2011	0.187	0.187	0.374
22	10/31/2011	0.513	0.171	0.684
23	11/30/2011	0.332	0.664	0.997
24	12/31/2011	0.453	0.453	0.906
25	1/31/2012	0.912	0.304	1.217
26	2/29/2012	0.503	0.335	0.838
27	3/31/2012	0.5	1.668	2.168
28	4/30/2012	0	1.271	1.271
29	5/31/2012	0.164	0.164	0.328
30	6/30/2012	0.49	0.654	1.144
31	7/31/2012	0.742	0.593	1.335
32	8/31/2012	0.293	0.731	1.024
33	9/30/2012	0.294	0	0.294
34	10/31/2012	0.685	0.274	0.96

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
35	11/30/2012	0.994	0.142	1.136
36	12/31/2012	0.568	0	0.568
37	1/31/2013	0	0.154	0.154
38	2/28/2013	0.895	0.537	1.431
39	3/31/2013	0.825	0.66	1.485
40	4/30/2013	0.338	0.169	0.507
41	5/31/2013	0.161	0.322	0.483
42	6/30/2013	0.49	0.163	0.653
43	7/31/2013	0.321	0.161	0.482
44	8/31/2013	0	0	0
45	9/30/2013	0.158	0.158	0.316
46	10/31/2013	0.303	0	0.303
47	11/30/2013	0.161	0.161	0.322
48	12/31/2013	0.319	0.319	0.638
49	1/31/2014	0.784	0.157	0.941
50	2/28/2014	0.175	0.526	0.701
51	3/31/2014	0.162	0.325	0.487
52	4/30/2014	0.631	0.315	0.946
53	5/31/2014	1.047	0	1.047
54	6/30/2014	0.167	0	0.167
55	7/31/2014	0.328	0	0.328
56	8/31/2014	0.512	0.171	0.682
57	9/30/2014	0.186	0	0.186
58	10/31/2014	0.181	0.362	0.543
59	11/30/2014	0.188	0.375	0.563
60	12/31/2014	0.552	0.184	0.736
61	1/31/2015	0	0	0
62	2/28/2015	0.224	0	0.224
63	3/31/2015	0.624	0.208	0.832
64	4/30/2015	0.449	0.225	0.674
65	5/31/2015	0.643	0	0.643
66	6/30/2015	0.665	0.222	0.887
67	7/31/2015	0.43	0	0.43
68	8/31/2015	0.445	0.222	0.667
69	9/30/2015	0.233	0.233	0.466
70	10/31/2015	0	0.221	0.221
71	11/30/2015	0.63	0.21	0.84

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
72	12/31/2015	0.373	0	0.373
73	1/31/2016	0.334	0.334	0.667
74	2/29/2016	0.301	0.452	0.753
75	3/31/2016	0.519	0.13	0.648
76	4/30/2016	0.268	0.402	0.671
77	5/31/2016	0.261	0.652	0.913
78	6/30/2016	0.716	0.286	1.002
79	7/31/2016	0.593	0	0.593
80	8/31/2016	0.152	0	0.152
81	9/30/2016	0.635	0	0.635
82	10/31/2016	0.892	0.297	1.19
83	11/30/2016	0.299	0.149	0.448
84	12/31/2016	0.297	0	0.297

DSH-Coalinga

This section reviews and then further extends information presented earlier in this report.

In the first section, the overall hospital population, given as Average Daily Census (ADC) is given for each month during 2010-2016, broken down by legal class.

In the second section, the yearly rates of violence presented earlier are reviewed, and then in the following sections, the monthly rates of violence and trend of violence is given.

In the remaining sections, the rates of violence by each individual legal class in the hospital is given, for the major groups at each hospital (i.e., IST's, NGRP's, MDO's, LPS, and SVP's). When a given legal class numbers less than 20 at a hospital (typically DJJ or MDSO's), the overall data is not presented, as the numbers are too small to draw conclusions about that legal class (i.e., acts of violence are more related to an individual patient or just a few patients than to the legal class as a whole).

Table 4I
DSH-Coalinga Monthly ADC, By Legal Commitment

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
1	1/31/2010	0	0	0	87.26	1.58	0	34.23	843.61	966.68
2	2/28/2010	0	0	0	98.07	2	0	28.57	840.68	969.32
3	3/31/2010	0	0	0	101	2	0	12.77	841.49	957.26
4	4/30/2010	0	0	0	101	2	0	4.9	844.1	952
5	5/31/2010	0	0	0	100.71	2	0	0	844.8	947.51
6	6/30/2010	0	0	0	98.33	2	0	0	846.8	947.13
7	7/31/2010	0	0	0	98	2	0	0	853.3	953.3
8	8/31/2010	0	0	0	97.29	2	0	0	852.1	951.39
9	9/30/2010	0	0	0	97	2	0	0	851.3	950.3
10	10/31/2010	0	0	0	97	2	0	0	849.84	948.84
11	11/30/2010	0	0	0	97	2	0	0	848.73	947.73
12	12/31/2010	0	0	0	96.65	2	0	0	849.65	948.3
13	1/31/2011	0	0	0	96.32	2.68	0	0	847.58	946.58
14	2/28/2011	0	0	0	95.04	3	0	0	851.46	949.5
15	3/31/2011	0	0	0	96	3	0	0	854.13	953.13
16	4/30/2011	0	0	0	95.7	3	0	0	856.4	955.1
17	5/31/2011	0	0	0	95.87	3.9	0	0	860.26	960.03
18	6/30/2011	0	0	0	96.6	4	0	0	862.94	963.54
19	7/31/2011	0	0	0	95.19	4	0	0	864.51	963.7
20	8/31/2011	0	0	0	95.45	4	0	0	863.38	962.83
21	9/30/2011	0	0	0	96	4.33	0	0	865.67	966
22	10/31/2011	0	0	0	96	5	0	0	865.29	966.29
23	11/30/2011	0	0	0	94.97	5	0	15.1	864.53	979.6
24	12/31/2011	0	0	0	93.84	5	0	40.32	867.29	1,006.45
25	1/31/2012	0	0	0	92.84	5	0	49.42	871.77	1,019.03
26	2/29/2012	0	0	0	93	5	0	49.52	878.76	1,026.28
27	3/31/2012	0	0	0	93	5	0	48.03	881.97	1,028
28	4/30/2012	0	0	0	92.13	5	0	45.63	882.6	1,025.36
29	5/31/2012	0	0	0	90.42	5	0	49.65	882.74	1,027.81
30	6/30/2012	0	0	0	90.3	5	0	49.57	884.2	1,029.07
31	7/31/2012	0	0	0	90	5	0	49.23	888.93	1,033.16
32	8/31/2012	0	0	0	92	5	0	49.61	892.61	1,039.22
33	9/30/2012	0	0	0	91.63	5	0	49.67	896.97	1,043.27
34	10/31/2012	0	0	0	91.52	5	0	48.32	896.9	1,041.74
35	11/30/2012	0	0	0	90.9	5	0	47.43	899.33	1,042.66
36	12/31/2012	0	0	0	92.65	5	0	45.06	898.94	1,041.65
37	1/31/2013	0	0	0	92.39	5	0	40.81	898.97	1,037.17

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
38	2/28/2013	0	0	0	96.57	5	0	32.75	901.65	1,035.97
39	3/31/2013	0	0	0	122.87	5	0	36.23	903.42	1,067.52
40	4/30/2013	0	0	0	133	5	0	37.03	905.9	1,080.93
41	5/31/2013	0	0	0	136	5	0	40.42	912.93	1,094.35
42	6/30/2013	0	0	0	135.77	5	0	37.6	919.57	1,097.94
43	7/31/2013	0	0	0	135	5	0	36	923.78	1,099.78
44	8/31/2013	0	0	0	133.81	5	0	37.58	926.06	1,102.45
45	9/30/2013	0	0	0	132.37	5	0	40.03	929.1	1,106.50
46	10/31/2013	0	0	0	132.29	5	0	45.13	929.29	1,111.71
47	11/30/2013	0	0	0	132	5	0	49.17	928.03	1,114.20
48	12/31/2013	0	0	0	132	5	0	49.52	929.45	1,115.97
49	1/31/2014	0	0	0	130.87	5	0	49.19	931.49	1,116.55
50	2/28/2014	0	0	0	135.14	5	0	49.04	930.18	1,119.36
51	3/31/2014	0	0	0	156.58	5	0	48.68	930.48	1,140.74
52	4/30/2014	0	0	0	167.67	5	0	49.73	926.94	1,149.34
53	5/31/2014	0	0	0	167.9	5	0	49.29	926.1	1,148.29
54	6/30/2014	0	0	0	177.67	5	0	49.73	928.63	1,161.03
55	7/31/2014	0	0	0	182.39	5	0.06	49.42	927.32	1,164.19
56	8/31/2014	0	0	0	184.71	5	0	49.45	922.87	1,162.03
57	9/30/2014	0	0	0	193.77	5	0	49.7	922.1	1,170.57
58	10/31/2014	0	0	0	197.06	5	0	49.61	920.77	1,172.44
59	11/30/2014	0	0	0	205.37	5	0	49.43	920.04	1,179.84
60	12/31/2014	0	0	0	206.26	5	0	50	921.93	1,183.19
61	1/31/2015	0	0	0	203.29	5	0	49.52	924.19	1,182
62	2/28/2015	0	0	0	201.54	5	0	49.14	923.68	1,179.36
63	3/31/2015	0	0	0	199.16	5	0	46.03	923.38	1,173.57
64	4/30/2015	0	0	0	204.77	5.67	0	43.37	920.97	1,174.78
65	5/31/2015	0	0	0	216	9.81	0	37.23	921.93	1,184.97
66	6/30/2015	0	0	0	221.7	10	0	41.53	923.03	1,196.26
67	7/31/2015	0	0	0	234.26	10	0	49.52	923.87	1,217.65
68	8/31/2015	0	0	0	264.06	10	0	48.97	923.71	1,246.74
69	9/30/2015	0	0	0	270.03	10	0	47.9	922.4	1,250.33
70	10/31/2015	0	0	0	272.1	10	0.81	48.52	921	1,252.43
71	11/30/2015	0	0	0	272.83	10.47	1	47.23	921.57	1,253.10
72	12/31/2015	0	0	0	273.32	11	1	47.77	923.42	1,256.51
73	1/31/2016	0	0	0	273.23	11	1	48.55	926.9	1,260.68
74	2/29/2016	0	0	0	276.1	11	1	49.31	928.41	1,265.82
75	3/31/2016	0	0	0	279.52	11	1	48.06	930.26	1,269.84
76	4/30/2016	0	0	0	279.03	11	1	47.83	931.76	1,270.62

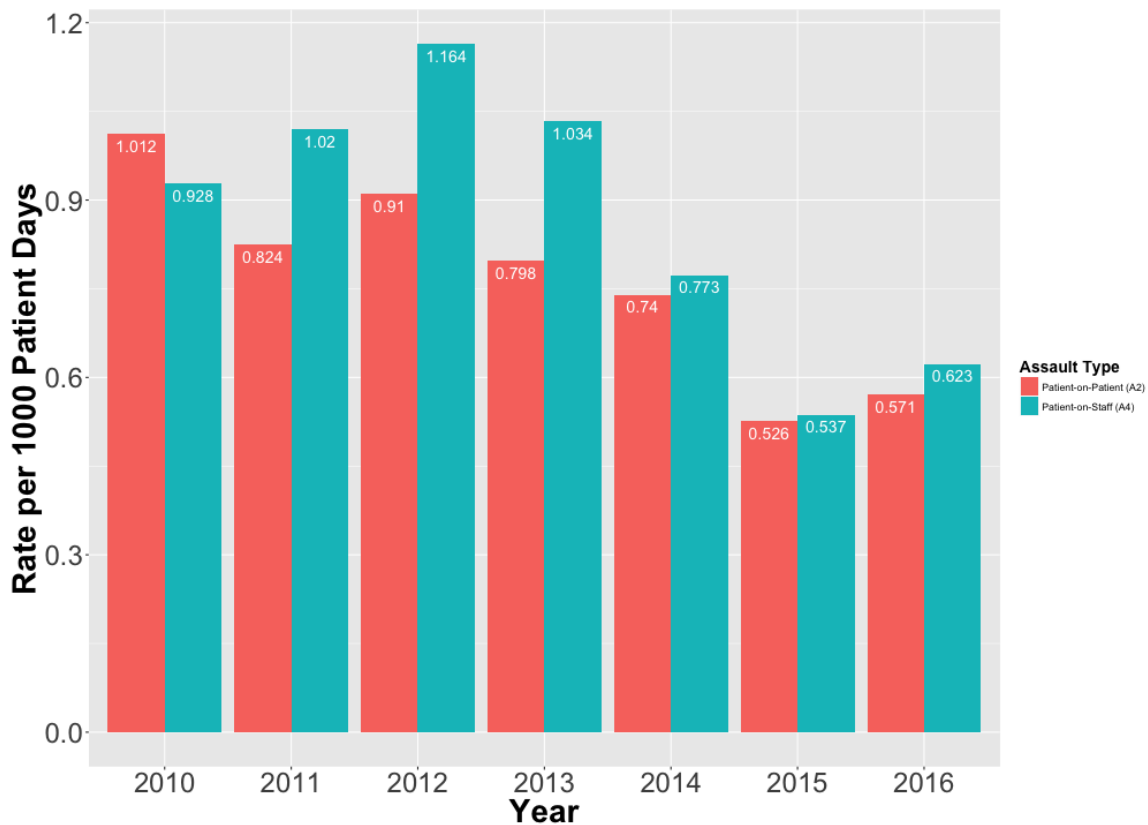
#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
77	5/31/2016	0	0	0	278.06	11	1	47.16	933.36	1,270.58
78	6/30/2016	0	0	0	279.43	11	1	43.8	934.8	1,270.03
79	7/31/2016	0	0	0	280	11.06	1.03	39.35	938.16	1,269.60
80	8/31/2016	0	0	0.71	279.48	11	1	38.1	941.19	1,271.48
81	9/30/2016	0	0	1	280	11	1	37.17	941.47	1,271.64
82	10/31/2016	0	0	1	280.71	11	1.23	43.97	942.77	1,280.68
83	11/30/2016	0	0	1	280.5	11	2	47.87	942.07	1,284.44
84	12/31/2016	0	0	1	278.65	11	2	46.45	944	1,283.10

As can be seen, there were no DJJ or IST patients at DSH-Coalinga during this time. Additionally, the numbers of LPS's and NGRI's were too few to allow conclusions to be drawn about violence trends, and so will not be presented.

Rates of Violence at DSH-Coalinga

Yearly Rates

Figure 12
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Coalinga



- Overall, the **number** of patient assaults increased 14.2% over the 2015 total, while the **number** of staff assaults increased by 21.8% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 5.1% the **rate** of patient on patient assault increased 8.6% over 2015 (see Table 5), while the **rate** of patient on staff assault increased 16% from 2015.

Table 5
DSH-Coalinga Yearly A2 Patient on patient assault Summary

YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	352	347927	1.012	NA
2011	290	352043	0.824	-18.6
2012	344	378122	0.91	10.4
2013	317	397491	0.798	-12.3
2014	312	421876	0.74	-7.3
2015	233	443186	0.526	-28.9
2016	266	465696	0.571	8.6

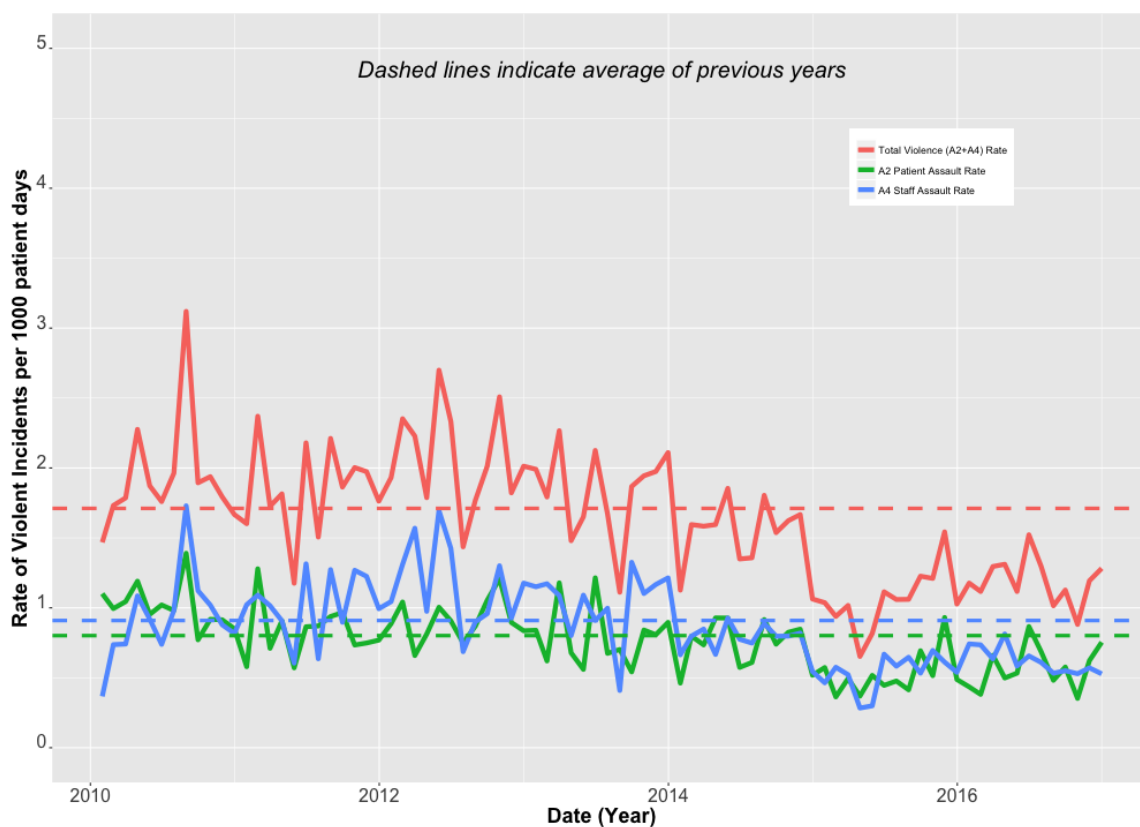
Table 6
DSH-Coalinga Yearly A4 Patient on staff assault Summary

YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	323	347927	0.928	NA
2011	359	352043	1.02	9.9
2012	440	378122	1.164	14.1
2013	411	397491	1.034	-11.2
2014	326	421876	0.773	-25.2
2015	238	443186	0.537	-30.5
2016	290	465696	0.623	16

Monthly Rates

The previous barplot showing the violence rates as an overall yearly average does not show the monthly variability in the rates that occurs regularly. Two figures are shown, the first being a plot of the violence rates on a monthly basis, and the second showing the violence rates for each month averaged over the six months before and after each month, to create a “smoothed” plot (much like you would see in a financial article, where daily results are “smoothed” to better discern trends over time).

Figure 60
DSH-Coalinga Monthly Rates of Violence per 1000 Patient Days



Trend of Monthly Rates

Figure 61
DSH-Coalinga Trends of Monthly Rates of Violence per 1000 Patient Days

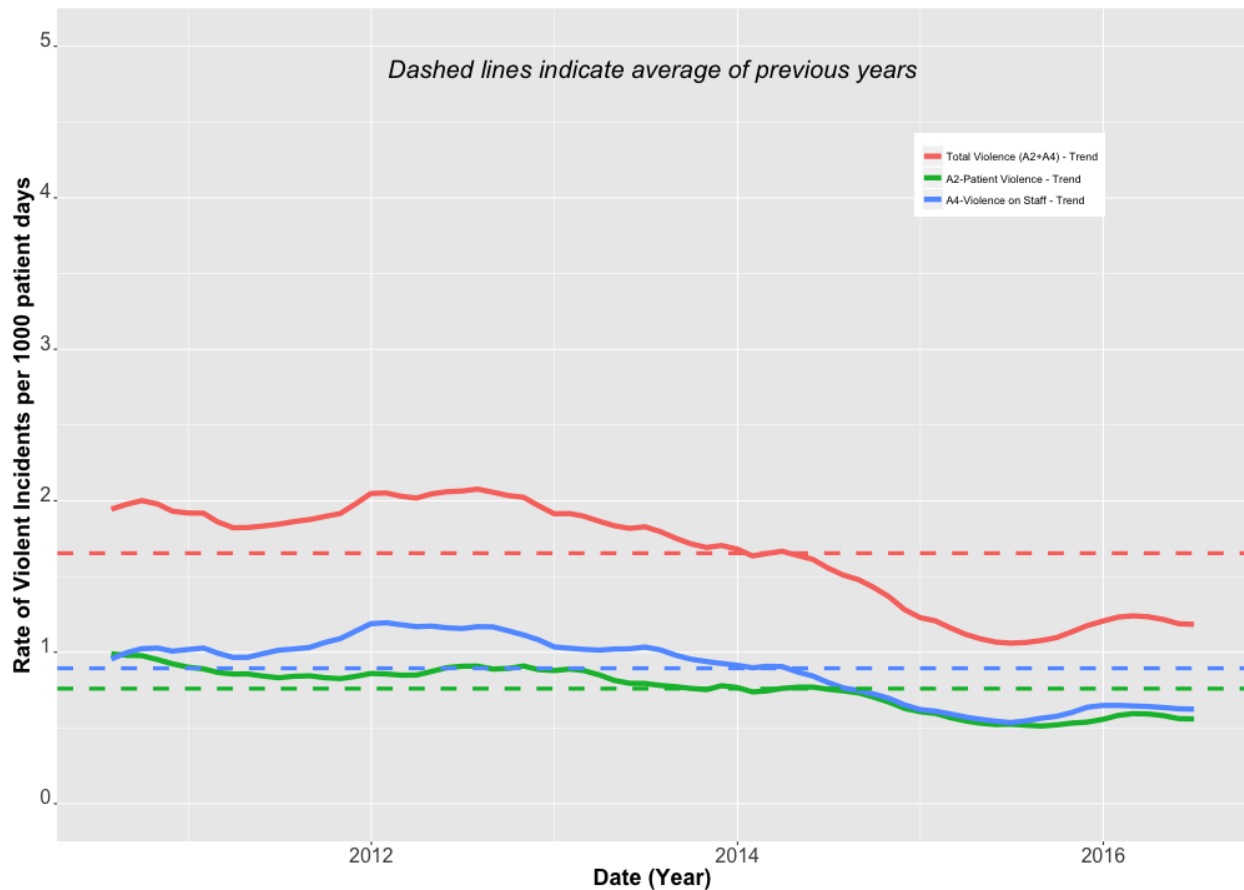


Figure 61 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Coalinga. The dashed lines indicate the previous years (2010-2015) average rate for each category, for comparison with 2016.

Table 42 provides a yearly summary of the year-over-year changes in the assault rates.

Table 42
DSH-Coalinga Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.101	0.367	1.468
2	2/28/2010	0.995	0.737	1.732
3	3/31/2010	1.045	0.741	1.786
4	4/30/2010	1.19	1.085	2.276
5	5/31/2010	0.953	0.919	1.872
6	6/30/2010	1.021	0.739	1.76
7	7/31/2010	0.981	0.981	1.963
8	8/31/2010	1.39	1.729	3.119
9	9/30/2010	0.772	1.122	1.894
10	10/31/2010	0.918	1.02	1.938
11	11/30/2010	0.914	0.879	1.794
12	12/31/2010	0.85	0.816	1.667
13	1/31/2011	0.579	1.022	1.602
14	2/28/2011	1.279	1.091	2.37
15	3/31/2011	0.711	1.015	1.726
16	4/30/2011	0.907	0.907	1.815
17	5/31/2011	0.571	0.605	1.176
18	6/30/2011	0.865	1.315	2.179
19	7/31/2011	0.87	0.636	1.506
20	8/31/2011	0.938	1.273	2.211
21	9/30/2011	0.966	0.897	1.863
22	10/31/2011	0.734	1.269	2.003
23	11/30/2011	0.749	1.225	1.974
24	12/31/2011	0.769	0.994	1.763
25	1/31/2012	0.886	1.045	1.931
26	2/29/2012	1.042	1.31	2.352
27	3/31/2012	0.659	1.569	2.228
28	4/30/2012	0.813	0.975	1.788
29	5/31/2012	1.004	1.695	2.699
30	6/30/2012	0.907	1.425	2.332
31	7/31/2012	0.749	0.687	1.436
32	8/31/2012	0.869	0.9	1.769
33	9/30/2012	1.054	0.959	2.013
34	10/31/2012	1.208	1.301	2.508

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
35	11/30/2012	0.895	0.927	1.822
36	12/31/2012	0.836	1.177	2.013
37	1/31/2013	0.84	1.151	1.991
38	2/28/2013	0.621	1.172	1.793
39	3/31/2013	1.178	1.088	2.266
40	4/30/2013	0.678	0.802	1.48
41	5/31/2013	0.56	1.091	1.651
42	6/30/2013	1.214	0.911	2.125
43	7/31/2013	0.675	0.997	1.672
44	8/31/2013	0.702	0.41	1.112
45	9/30/2013	0.542	1.326	1.868
46	10/31/2013	0.841	1.103	1.944
47	11/30/2013	0.808	1.167	1.975
48	12/31/2013	0.896	1.214	2.11
49	1/31/2014	0.462	0.664	1.127
50	2/28/2014	0.798	0.798	1.595
51	3/31/2014	0.735	0.848	1.584
52	4/30/2014	0.928	0.667	1.595
53	5/31/2014	0.927	0.927	1.854
54	6/30/2014	0.574	0.775	1.349
55	7/31/2014	0.61	0.748	1.358
56	8/31/2014	0.916	0.888	1.804
57	9/30/2014	0.74	0.797	1.538
58	10/31/2014	0.825	0.798	1.623
59	11/30/2014	0.848	0.819	1.667
60	12/31/2014	0.518	0.545	1.063
61	1/31/2015	0.573	0.464	1.037
62	2/28/2015	0.363	0.575	0.939
63	3/31/2015	0.495	0.522	1.017
64	4/30/2015	0.369	0.284	0.653
65	5/31/2015	0.517	0.299	0.817
66	6/30/2015	0.446	0.669	1.115
67	7/31/2015	0.477	0.583	1.06
68	8/31/2015	0.414	0.647	1.061
69	9/30/2015	0.693	0.533	1.226
70	10/31/2015	0.515	0.695	1.211
71	11/30/2015	0.931	0.612	1.543

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
72	12/31/2015	0.488	0.539	1.027
73	1/31/2016	0.435	0.742	1.177
74	2/29/2016	0.381	0.736	1.117
75	3/31/2016	0.66	0.635	1.296
76	4/30/2016	0.498	0.813	1.312
77	5/31/2016	0.533	0.584	1.117
78	6/30/2016	0.866	0.656	1.522
79	7/31/2016	0.686	0.61	1.296
80	8/31/2016	0.482	0.533	1.015
81	9/30/2016	0.577	0.55	1.127
82	10/31/2016	0.353	0.529	0.882
83	11/30/2016	0.623	0.571	1.194
84	12/31/2016	0.754	0.528	1.282

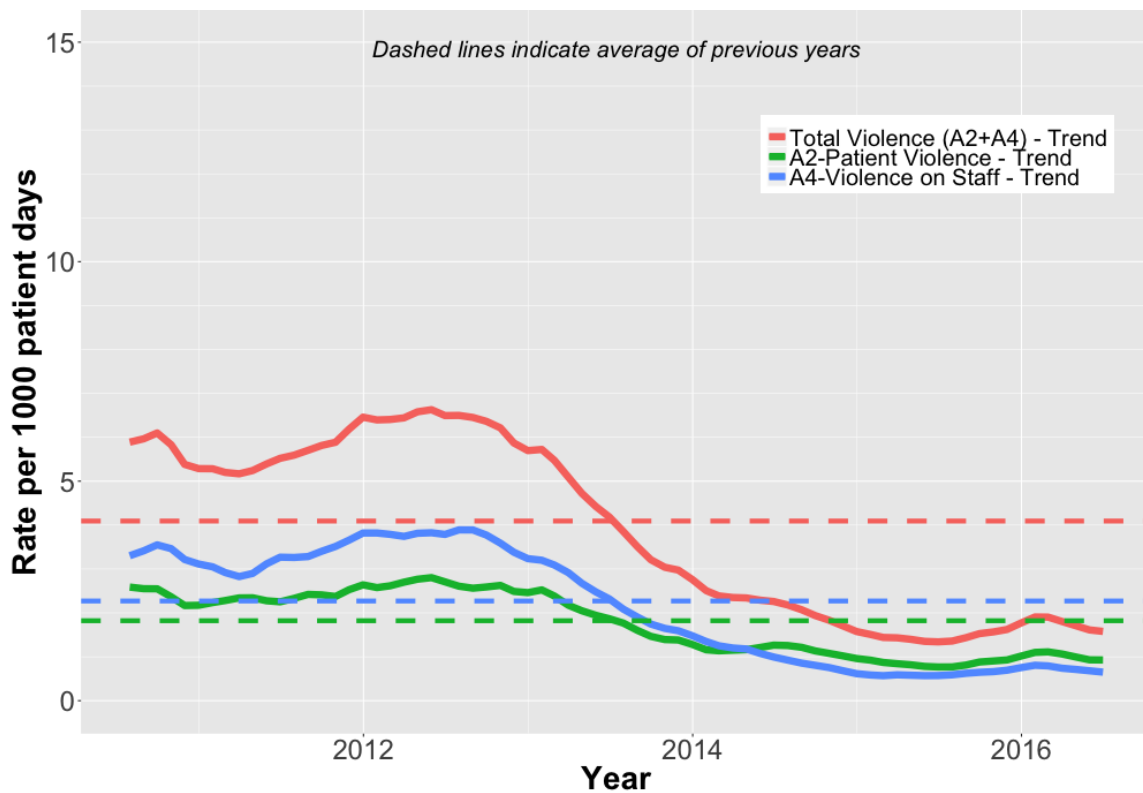
Violence Rates by Major Legal Classes

DSH-Coalinga MDO's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 62
Trends of Monthly Rates of Violence for MDO's at DSH-Coalinga



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 63
Monthly Rates of Violence for MDO's at DSH-Coalinga

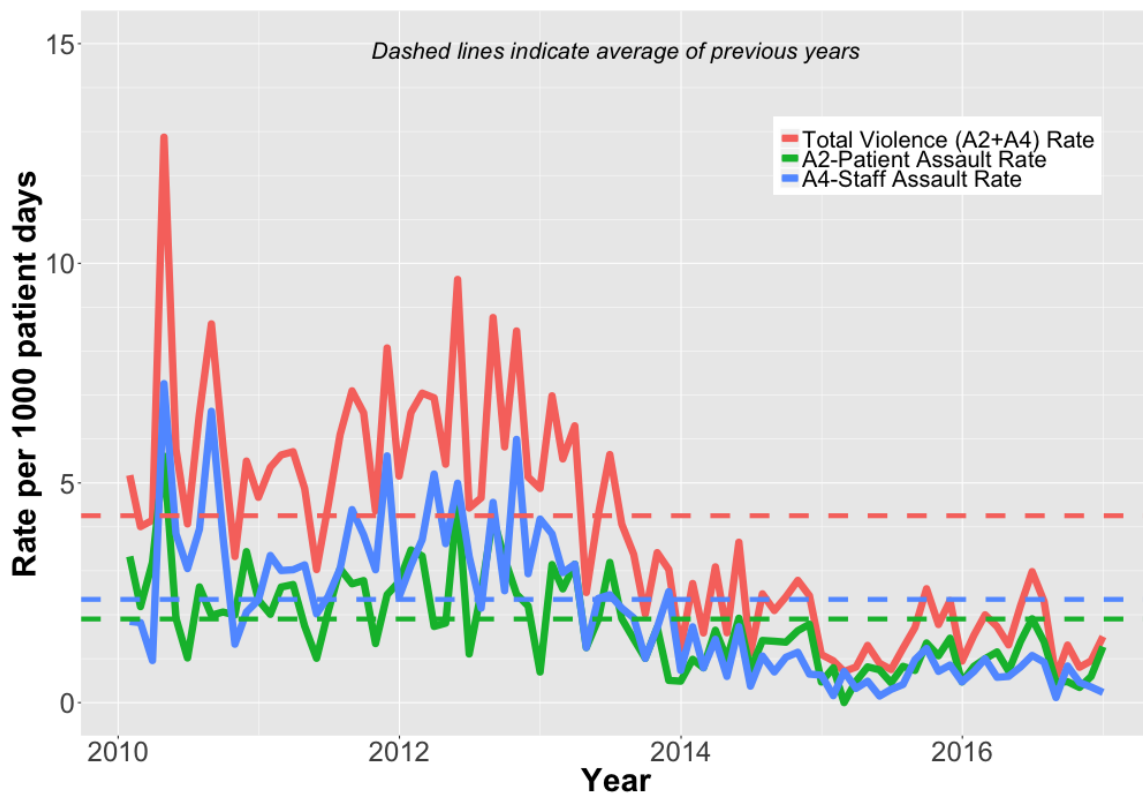


Table 43
DSH-Coalinga MDO Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	3.327	1.848	5.176
2	2/28/2010	2.185	1.821	4.006
3	3/31/2010	3.194	0.958	4.152
4	4/30/2010	5.611	7.261	12.871
5	5/31/2010	1.922	3.844	5.766

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
6	6/30/2010	1.017	3.051	4.068
7	7/31/2010	2.633	3.95	6.583
8	8/31/2010	1.989	6.631	8.621
9	9/30/2010	2.062	3.78	5.842
10	10/31/2010	1.995	1.33	3.326
11	11/30/2010	3.436	2.062	5.498
12	12/31/2010	2.336	2.336	4.673
13	1/31/2011	2.009	3.349	5.358
14	2/28/2011	2.631	3.006	5.637
15	3/31/2011	2.688	3.024	5.712
16	4/30/2011	1.742	3.135	4.876
17	5/31/2011	1.009	2.019	3.028
18	6/30/2011	2.07	2.415	4.486
19	7/31/2011	3.05	3.05	6.1
20	8/31/2011	2.704	4.393	7.097
21	9/30/2011	2.778	3.819	6.597
22	10/31/2011	1.344	3.024	4.368
23	11/30/2011	2.457	5.616	8.073
24	12/31/2011	2.75	2.406	5.156
25	1/31/2012	3.475	3.127	6.602
26	2/29/2012	3.337	3.708	7.045
27	3/31/2012	1.734	5.203	6.937
28	4/30/2012	1.809	3.618	5.427
29	5/31/2012	4.638	4.995	9.633
30	6/30/2012	1.107	3.322	4.43
31	7/31/2012	2.509	2.151	4.659
32	8/31/2012	4.208	4.558	8.766
33	9/30/2012	3.274	2.546	5.82
34	10/31/2012	2.467	5.992	8.46
35	11/30/2012	2.2	2.934	5.134
36	12/31/2012	0.696	4.178	4.875
37	1/31/2013	3.142	3.841	6.983
38	2/28/2013	2.589	2.959	5.547
39	3/31/2013	3.15	3.15	6.301
40	4/30/2013	1.253	1.253	2.506
41	5/31/2013	1.898	2.372	4.269
42	6/30/2013	3.192	2.455	5.647

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
43	7/31/2013	1.912	2.151	4.062
44	8/31/2013	1.446	1.929	3.375
45	9/30/2013	1.007	1.007	2.015
46	10/31/2013	1.707	1.707	3.414
47	11/30/2013	0.505	2.525	3.03
48	12/31/2013	0.489	0.733	1.222
49	1/31/2014	0.986	1.725	2.711
50	2/28/2014	0.793	0.793	1.586
51	3/31/2014	1.648	1.442	3.09
52	4/30/2014	0.994	0.596	1.59
53	5/31/2014	1.921	1.729	3.65
54	6/30/2014	0.75	0.375	1.126
55	7/31/2014	1.415	1.061	2.476
56	8/31/2014	1.397	0.699	2.096
57	9/30/2014	1.376	1.032	2.408
58	10/31/2014	1.637	1.146	2.783
59	11/30/2014	1.785	0.649	2.435
60	12/31/2014	0.469	0.626	1.095
61	1/31/2015	0.793	0.159	0.952
62	2/28/2015	0	0.709	0.709
63	3/31/2015	0.486	0.324	0.81
64	4/30/2015	0.814	0.488	1.302
65	5/31/2015	0.747	0.149	0.896
66	6/30/2015	0.451	0.301	0.752
67	7/31/2015	0.826	0.413	1.239
68	8/31/2015	0.733	0.977	1.71
69	9/30/2015	1.358	1.234	2.592
70	10/31/2015	1.067	0.711	1.778
71	11/30/2015	1.466	0.855	2.321
72	12/31/2015	0.472	0.472	0.944
73	1/31/2016	0.826	0.708	1.535
74	2/29/2016	0.999	0.999	1.998
75	3/31/2016	1.154	0.577	1.731
76	4/30/2016	0.717	0.597	1.314
77	5/31/2016	1.392	0.812	2.204
78	6/30/2016	1.909	1.074	2.982
79	7/31/2016	1.382	0.922	2.304

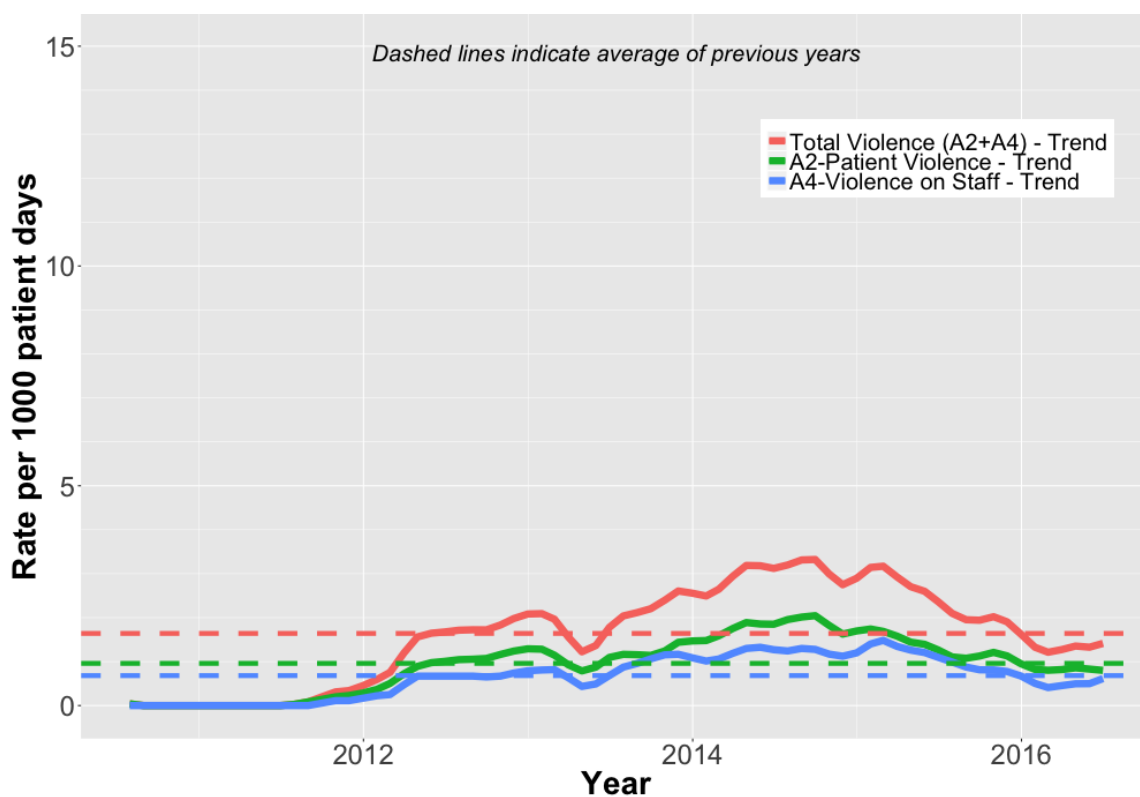
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
80	8/31/2016	0.462	0.115	0.577
81	9/30/2016	0.476	0.833	1.31
82	10/31/2016	0.345	0.46	0.804
83	11/30/2016	0.594	0.357	0.951
84	12/31/2016	1.273	0.232	1.505

DSH-Coalinga PC2684's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 64
Trends of Monthly Rates of Violence for PC2684's at DSH-Coalinga



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 65
Monthly Rates of Violence for PC2684's at DSH-Coalinga

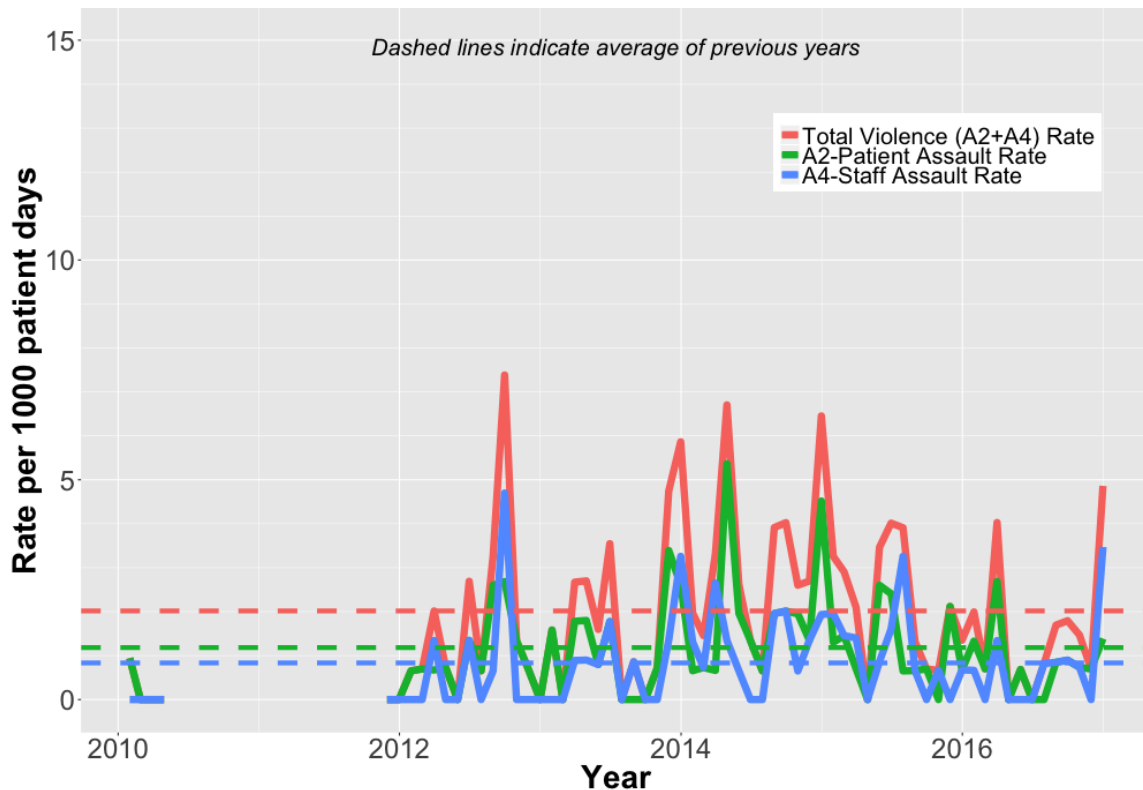


Table 44
DSH-Coalinga PC2684 Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	0.943	0	0.943
2	2/28/2010	0	0	0
3	3/31/2010	0	0	0
4	4/30/2010	0	0	0
5	5/31/2010	--	--	--
6	6/30/2010	--	--	--

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	7/31/2010	--	--	--
8	8/31/2010	--	--	--
9	9/30/2010	--	--	--
10	10/31/2010	--	--	--
11	11/30/2010	--	--	--
12	12/31/2010	--	--	--
13	1/31/2011	--	--	--
14	2/28/2011	--	--	--
15	3/31/2011	--	--	--
16	4/30/2011	--	--	--
17	5/31/2011	--	--	--
18	6/30/2011	--	--	--
19	7/31/2011	--	--	--
20	8/31/2011	--	--	--
21	9/30/2011	--	--	--
22	10/31/2011	--	--	--
23	11/30/2011	0	0	0
24	12/31/2011	0	0	0
25	1/31/2012	0.653	0	0.653
26	2/29/2012	0.696	0	0.696
27	3/31/2012	0.672	1.343	2.015
28	4/30/2012	0.73	0	0.73
29	5/31/2012	0	0	0
30	6/30/2012	1.345	1.345	2.69
31	7/31/2012	0.655	0	0.655
32	8/31/2012	2.601	0.65	3.251
33	9/30/2012	2.685	4.698	7.383
34	10/31/2012	1.335	0	1.335
35	11/30/2012	0.703	0	0.703
36	12/31/2012	0	0	0
37	1/31/2013	1.581	0	1.581
38	2/28/2013	0	0	0
39	3/31/2013	1.781	0.89	2.671
40	4/30/2013	1.8	0.9	2.7
41	5/31/2013	0.798	0.798	1.596
42	6/30/2013	1.773	1.773	3.546
43	7/31/2013	0	0	0

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	8/31/2013	0	0.858	0.858
45	9/30/2013	0	0	0
46	10/31/2013	0.715	0	0.715
47	11/30/2013	3.39	1.356	4.746
48	12/31/2013	2.606	3.257	5.863
49	1/31/2014	0.656	1.311	1.967
50	2/28/2014	0.728	0.728	1.457
51	3/31/2014	0.663	2.651	3.313
52	4/30/2014	5.362	1.34	6.702
53	5/31/2014	1.963	0.654	2.618
54	6/30/2014	1.34	0	1.34
55	7/31/2014	0.653	0	0.653
56	8/31/2014	1.957	1.957	3.914
57	9/30/2014	2.012	2.012	4.024
58	10/31/2014	1.951	0.65	2.601
59	11/30/2014	1.349	1.349	2.697
60	12/31/2014	4.516	1.935	6.452
61	1/31/2015	1.303	1.954	3.257
62	2/28/2015	1.453	1.453	2.907
63	3/31/2015	0.701	1.402	2.102
64	4/30/2015	0	0	0
65	5/31/2015	2.6	0.867	3.466
66	6/30/2015	2.408	1.605	4.013
67	7/31/2015	0.651	3.257	3.909
68	8/31/2015	0.659	0.659	1.318
69	9/30/2015	0.696	0	0.696
70	10/31/2015	0	0.665	0.665
71	11/30/2015	2.117	0	2.117
72	12/31/2015	0.675	0.675	1.35
73	1/31/2016	1.329	0.664	1.993
74	2/29/2016	0.699	0	0.699
75	3/31/2016	2.685	1.342	4.027
76	4/30/2016	0	0	0
77	5/31/2016	0.684	0	0.684
78	6/30/2016	0	0	0
79	7/31/2016	0	0.82	0.82
80	8/31/2016	0.847	0.847	1.693

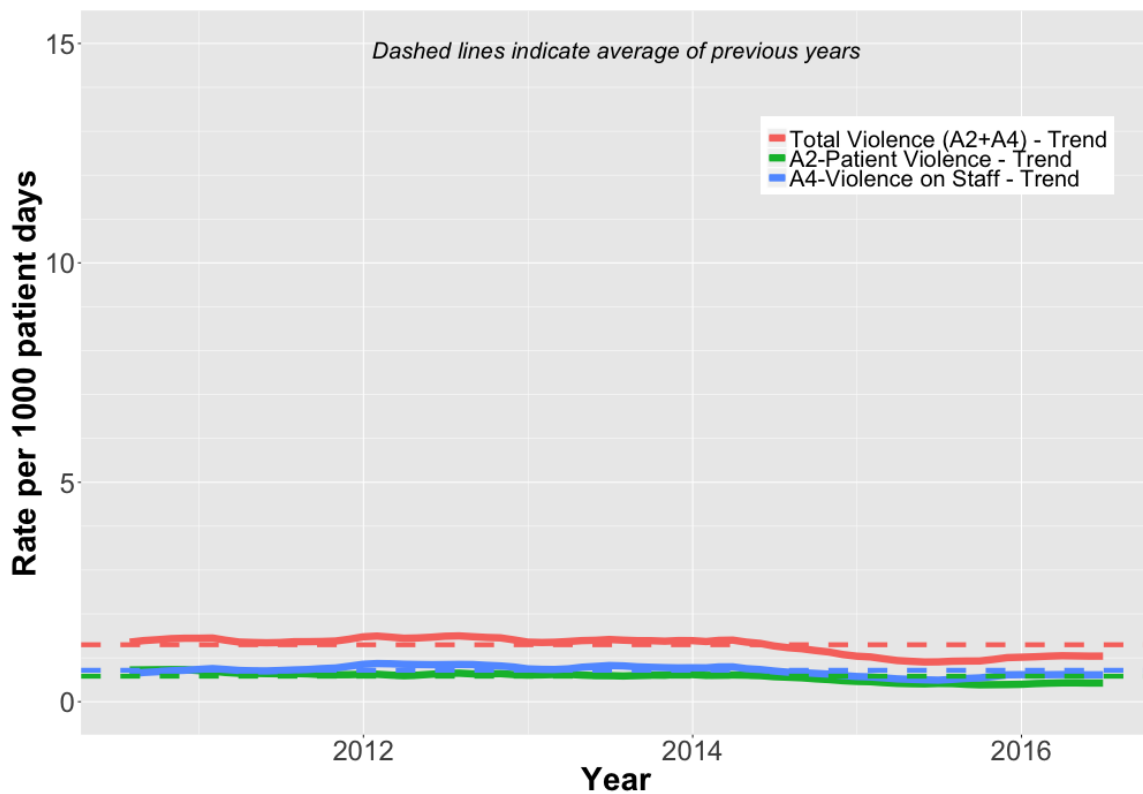
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	9/30/2016	0.897	0.897	1.794
82	10/31/2016	0.734	0.734	1.467
83	11/30/2016	0.696	0	0.696
84	12/31/2016	1.389	3.472	4.861

DSH-Coalinga SVP's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 66
Trends of Monthly Rates of Violence for SVP's at DSH-Coalinga



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 67
Monthly Rates of Violence for SVP's at DSH-Coalinga

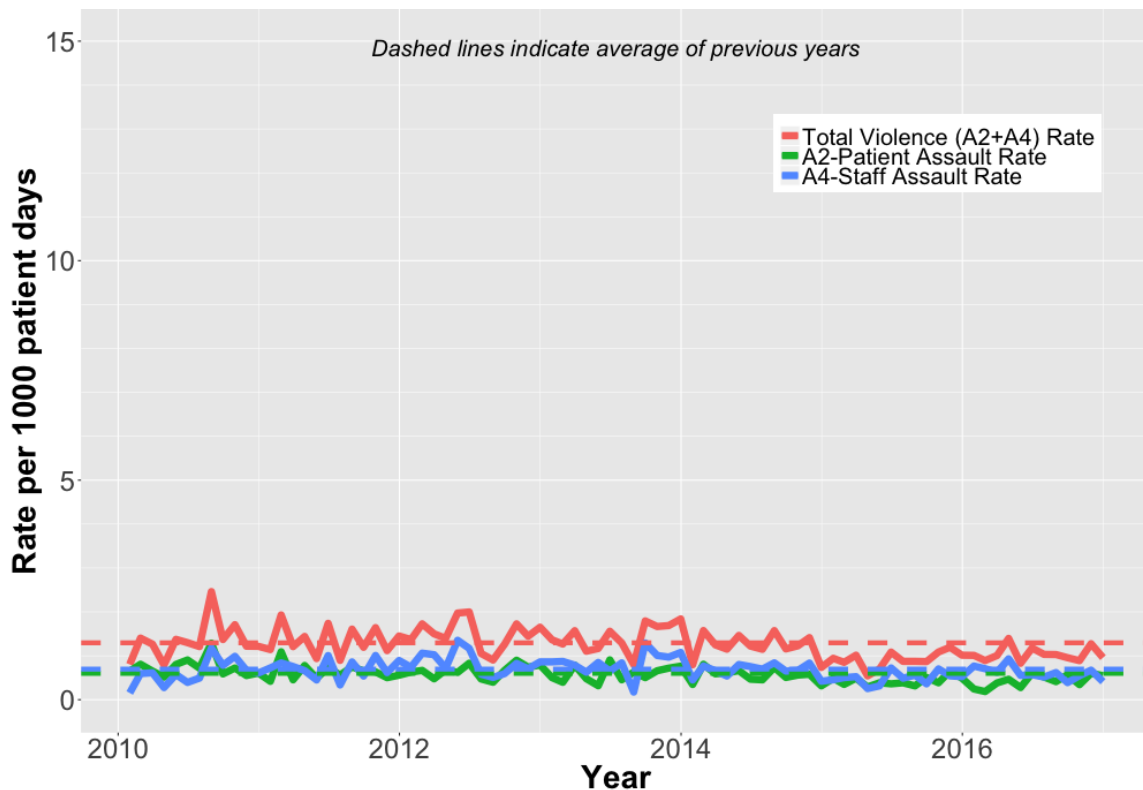


Table 45
DSH-Coalinga SVP Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	0.65	0.153	0.803
2	2/28/2010	0.807	0.595	1.402
3	3/31/2010	0.652	0.613	1.265
4	4/30/2010	0.513	0.276	0.79
5	5/31/2010	0.802	0.573	1.375
6	6/30/2010	0.905	0.394	1.299

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	7/31/2010	0.718	0.491	1.21
8	8/31/2010	1.287	1.174	2.461
9	9/30/2010	0.587	0.783	1.37
10	10/31/2010	0.721	0.987	1.708
11	11/30/2010	0.55	0.668	1.218
12	12/31/2010	0.607	0.607	1.215
13	1/31/2011	0.419	0.723	1.142
14	2/28/2011	1.091	0.839	1.929
15	3/31/2011	0.453	0.755	1.209
16	4/30/2011	0.778	0.662	1.44
17	5/31/2011	0.487	0.45	0.937
18	6/30/2011	0.734	1.004	1.738
19	7/31/2011	0.56	0.336	0.896
20	8/31/2011	0.747	0.859	1.607
21	9/30/2011	0.655	0.539	1.194
22	10/31/2011	0.634	1.007	1.64
23	11/30/2011	0.501	0.617	1.118
24	12/31/2011	0.558	0.893	1.451
25	1/31/2012	0.629	0.74	1.369
26	2/29/2012	0.667	1.059	1.727
27	3/31/2012	0.475	1.024	1.5
28	4/30/2012	0.68	0.718	1.397
29	5/31/2012	0.621	1.352	1.973
30	6/30/2012	0.829	1.169	1.998
31	7/31/2012	0.472	0.581	1.052
32	8/31/2012	0.398	0.506	0.903
33	9/30/2012	0.669	0.595	1.264
34	10/31/2012	0.899	0.827	1.726
35	11/30/2012	0.741	0.704	1.446
36	12/31/2012	0.789	0.861	1.651
37	1/31/2013	0.502	0.861	1.364
38	2/28/2013	0.396	0.871	1.268
39	3/31/2013	0.786	0.786	1.571
40	4/30/2013	0.478	0.626	1.104
41	5/31/2013	0.318	0.848	1.166
42	6/30/2013	0.906	0.652	1.559
43	7/31/2013	0.454	0.838	1.292

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	8/31/2013	0.627	0.174	0.801
45	9/30/2013	0.502	1.292	1.794
46	10/31/2013	0.66	1.007	1.666
47	11/30/2013	0.718	0.97	1.688
48	12/31/2013	0.764	1.076	1.839
49	1/31/2014	0.346	0.45	0.797
50	2/28/2014	0.806	0.768	1.574
51	3/31/2014	0.589	0.659	1.248
52	4/30/2014	0.611	0.539	1.151
53	5/31/2014	0.662	0.801	1.463
54	6/30/2014	0.467	0.754	1.22
55	7/31/2014	0.452	0.696	1.148
56	8/31/2014	0.734	0.839	1.573
57	9/30/2014	0.506	0.651	1.157
58	10/31/2014	0.561	0.666	1.226
59	11/30/2014	0.58	0.833	1.413
60	12/31/2014	0.315	0.42	0.735
61	1/31/2015	0.489	0.454	0.942
62	2/28/2015	0.348	0.503	0.851
63	3/31/2015	0.489	0.524	1.013
64	4/30/2015	0.29	0.253	0.543
65	5/31/2015	0.385	0.315	0.7
66	6/30/2015	0.361	0.722	1.083
67	7/31/2015	0.384	0.489	0.873
68	8/31/2015	0.314	0.559	0.873
69	9/30/2015	0.506	0.361	0.867
70	10/31/2015	0.385	0.701	1.086
71	11/30/2015	0.651	0.543	1.194
72	12/31/2015	0.489	0.524	1.013
73	1/31/2016	0.244	0.766	1.009
74	2/29/2016	0.186	0.706	0.891
75	3/31/2016	0.381	0.624	1.006
76	4/30/2016	0.465	0.93	1.395
77	5/31/2016	0.276	0.553	0.829
78	6/30/2016	0.606	0.571	1.177
79	7/31/2016	0.516	0.516	1.032
80	8/31/2016	0.411	0.617	1.028

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	9/30/2016	0.566	0.389	0.956
82	10/31/2016	0.342	0.547	0.89
83	11/30/2016	0.602	0.672	1.274
84	12/31/2016	0.547	0.41	0.957

DSH-Metropolitan

This section reviews and then further extends information presented earlier in this report.

In the first section, the overall hospital population, given as Average Daily Census (ADC) is given for each month during 2010-2016, broken down by legal class.

In the second section, the yearly rates of violence presented earlier are reviewed, and then in the following sections, the monthly rates of violence and trend of violence is given.

In the remaining sections, the rates of violence by each individual legal class in the hospital is given, for the major groups at each hospital (i.e., IST's, NGRP's, MDO's, LPS, and SVP's). When a given legal class numbers less than 20 at a hospital (typically DJJ or MDSO's), the overall data is not presented, as the numbers are too small to draw conclusions about that legal class (i.e., acts of violence are more related to an individual patient or just a few patients than to the legal class as a whole).

Table 46
DSH-Metropolitan Monthly ADC, By Legal Commitment

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
1	1/31/2010	13.77	276.51	217.93	38	0	125.03	0	0	671.24
2	2/28/2010	14.68	273.72	216.75	38	0	125.46	0	0	668.61
3	3/31/2010	14.61	276.29	222.51	38.42	0	123.03	0	0	674.86
4	4/30/2010	16.2	275.2	221.67	39	0	121.94	0	0	674.01
5	5/31/2010	14.65	273.84	207.65	39	0	122.77	0	0	657.91
6	6/30/2010	11.33	268.74	198.86	38.53	0	122.03	0	0	639.49
7	7/31/2010	14.32	269.52	195.62	38.87	0	123.52	0	0	641.85
8	8/31/2010	11	268.13	196.16	38.29	0	123.94	0	0	637.52
9	9/30/2010	7.67	261.03	198.33	37.53	0	124.3	0	0	628.86
10	10/31/2010	8.58	256.16	195.94	34.58	0	122.35	0	0	617.61
11	11/30/2010	9.1	268.03	192.13	32.33	0	121.6	0	0	623.19
12	12/31/2010	10	267.97	185.94	32	0	121.81	0	0	617.72
13	1/31/2011	8.39	267.2	184.91	32.32	0	120.22	0	0	613.04
14	2/28/2011	8.96	259.71	186.85	33.54	0	120.75	0	0	609.81
15	3/31/2011	8	255.03	197.22	34	0	122	0	0	616.25
16	4/30/2011	7.53	251.9	204.57	34	0	121.7	0	0	619.7
17	5/31/2011	8.19	239	206.87	33.71	0	120.55	0	0	608.32
18	6/30/2011	8.67	247.43	208.04	35.33	0	116.17	0	0	615.64
19	7/31/2011	7	246.48	208.58	38	0	112.42	0	0	612.48
20	8/31/2011	6.94	250.29	206.93	38.65	0	113.32	0	0	616.13
21	9/30/2011	3.87	262.37	209.37	40.97	0	116.97	0	0	633.55
22	10/31/2011	0	264.97	209.04	40	0	118.1	0	0	632.11
23	11/30/2011	0	266.73	208.33	38.33	0	116.8	0	0	630.19
24	12/31/2011	0	273.54	207.94	38	0	114.3	0	0	633.78
25	1/31/2012	0	278.9	209.61	39.23	0	111.71	0	0	639.45
26	2/29/2012	0	278.79	206.41	40.03	0	111.55	0	0	636.78
27	3/31/2012	0	279.35	204.26	40.29	0	111.87	0	0	635.77
28	4/30/2012	0	272.33	206.87	40.63	0	110.37	0	0	630.2
29	5/31/2012	0	277.65	207.94	39.45	0	108.68	0	0	633.72
30	6/30/2012	0	275.57	213.33	40.43	0	109.37	0	0	638.7
31	7/31/2012	0	272	220.42	41.68	0	113.45	0	0	647.55
32	8/31/2012	0	271.61	223.31	42	0	114.13	0	0	651.05
33	9/30/2012	0	268.67	220.63	42	0	110.83	0	0	642.13
34	10/31/2012	0	276.55	222.25	42	0	106.94	0	0	647.74
35	11/30/2012	0	285.66	218	42	0	103.53	0	0	649.19
36	12/31/2012	0	288.16	218.62	42	0	101.81	0	0	650.59
37	1/31/2013	0	291.29	220.48	41.32	0	101.68	0	0	654.77

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
38	2/28/2013	0	282.68	218.18	41.57	0	104.4	0	0	646.83
39	3/31/2013	0	282.77	214.56	41.68	0	106.83	0	0	645.84
40	4/30/2013	0	283.6	207.36	41.4	0	108.34	0	0	640.7
41	5/31/2013	0	287.64	198.97	41.48	0	110.23	0	0	638.32
42	6/30/2013	0	285.2	202.34	41	0	108.17	0	0	636.71
43	7/31/2013	0	287.61	210.94	40.74	0	106.71	0	0	646
44	8/31/2013	0	302.45	218.16	39.9	0	104.45	0	0	664.96
45	9/30/2013	0	300.63	217.8	39.3	0	103.03	0	0	660.76
46	10/31/2013	0	296.87	228.78	38.84	0	102.87	0	0	667.36
47	11/30/2013	0	305.8	232.8	39	0	102.17	0	0	679.77
48	12/31/2013	0	307.77	224.61	39	0	102.3	0	0	673.68
49	1/31/2014	0	305.23	236.07	38.16	0	101.87	0	0	681.33
50	2/28/2014	0	314.68	245.36	38	0	101.68	0	0	699.72
51	3/31/2014	0	302.55	251.74	38	0	103.29	0	0	695.58
52	4/30/2014	0	284.5	256.3	38	0	104	0	0	682.8
53	5/31/2014	0	281.62	261.36	38.61	0	103.77	0	0	685.36
54	6/30/2014	0	287.73	264.67	38.87	0	104.47	0	0	695.74
55	7/31/2014	0	307.1	268.61	38.65	0	105.1	0	0	719.46
56	8/31/2014	0	309.16	275.26	37.19	0	106.68	0	0	728.29
57	9/30/2014	0	298.53	281.53	37.6	0	108.47	0	0	726.13
58	10/31/2014	0	295.73	280.8	38	0	109.68	0	0	724.21
59	11/30/2014	0	292.47	285	39.34	0	110.37	0	0	727.18
60	12/31/2014	0	290.52	282.13	40	0	111.23	0	0	723.88
61	1/31/2015	0	293.87	283.68	40	0	108.81	0	0	726.36
62	2/28/2015	0	299.53	283.04	41.5	0.36	106.86	0	0	731.29
63	3/31/2015	0.9	296.26	282.52	42	1	106.51	0	0	729.19
64	4/30/2015	1	294.86	283.73	40.57	1	106.53	0	0	727.69
65	5/31/2015	1	290.61	282.2	40	1	103.52	0	0	718.33
66	6/30/2015	1	293.06	284.86	40.27	1	102.83	0	0	723.02
67	7/31/2015	1	294.91	278.36	40	1	104.68	0	0	719.95
68	8/31/2015	0.77	302.1	280.59	40	1	103.45	0	0	727.91
69	9/30/2015	0	295.59	295.94	39.43	1	104.2	0	0	736.16
70	10/31/2015	0	296.49	297.74	39	1	108	0	0	742.23
71	11/30/2015	0	295.1	306.49	39.93	1	109.8	0	0	752.32
72	12/31/2015	0	279.35	309.71	40	1	110.19	0	0	740.25
73	1/31/2016	0	276.51	312.46	39	1	110.65	0	0	739.62
74	2/29/2016	0	281.8	314.77	39	1	114	0	0	750.57
75	3/31/2016	0	274.55	310.02	37.32	1	116	0	0	738.89
76	4/30/2016	0	276.07	305.63	36.47	1	115.1	0	0	734.27

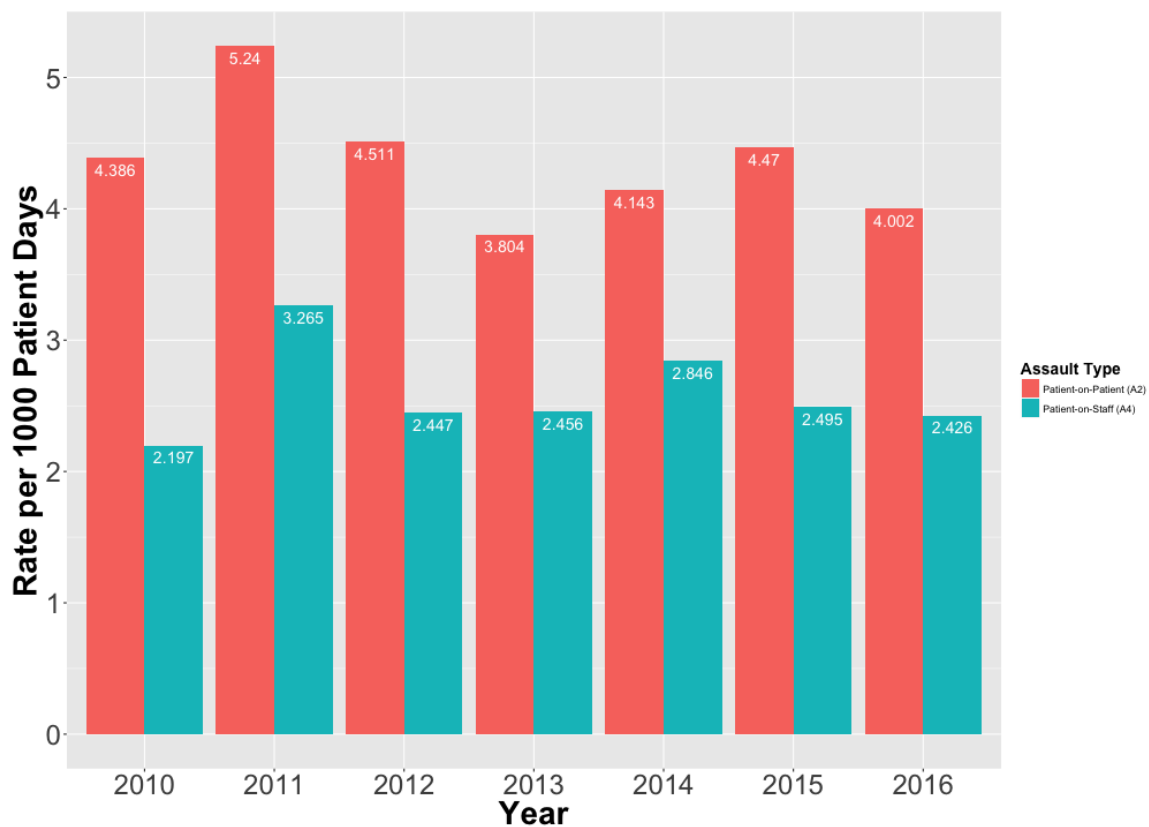
#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
77	5/31/2016	0	294.71	311.32	35.1	0.35	111.9	0	0	753.38
78	6/30/2016	0	295.9	317	34.3	0	109.63	0	0	756.83
79	7/31/2016	0	290.2	316.1	36	0	108.71	0	0	751.01
80	8/31/2016	0	290.61	311.26	36.52	0	109.39	0	0	747.78
81	9/30/2016	0	291.43	305.43	37	0	110.87	0	0	744.73
82	10/31/2016	0	287.29	302.72	37	0	113.87	0	0	740.88
83	11/30/2016	0	291.43	318.43	37	0	114.23	0	0	761.09
84	12/31/2016	0	290.03	328.26	36.65	0	114.23	0	0	769.17

As can be seen, there were no DJJ, PC2684, or SVP patients at DSH-Metropolitan during this time. Additionally, the numbers of MDSO's were too few to allow conclusions to be drawn about violence trends, and so will not be presented.

Rates of Violence at DSH-Metropolitan

Yearly Rates

Figure 13
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Metropolitan



- Overall, the **number** of patient assaults decreased 8% over the 2015 total, while the **number** of staff assaults decreased less than a percent from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 2.7% the **rate** of patient on patient assault decreased 10.5% over 2015 (see Table 7), while the **rate** of patient on staff assault decreased 2.8% from 2015.

Table 7
DSH-Metropolitan Yearly A2 Patient on patient assault Summary

YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1034	235768	4.386	NA
2011	1186	226342	5.24	19.5
2012	1060	234956	4.511	-13.9
2013	909	238968	3.804	-15.7
2014	1070	258248	4.143	8.9
2015	1193	266883	4.47	7.9
2016	1097	274136	4.002	-10.5

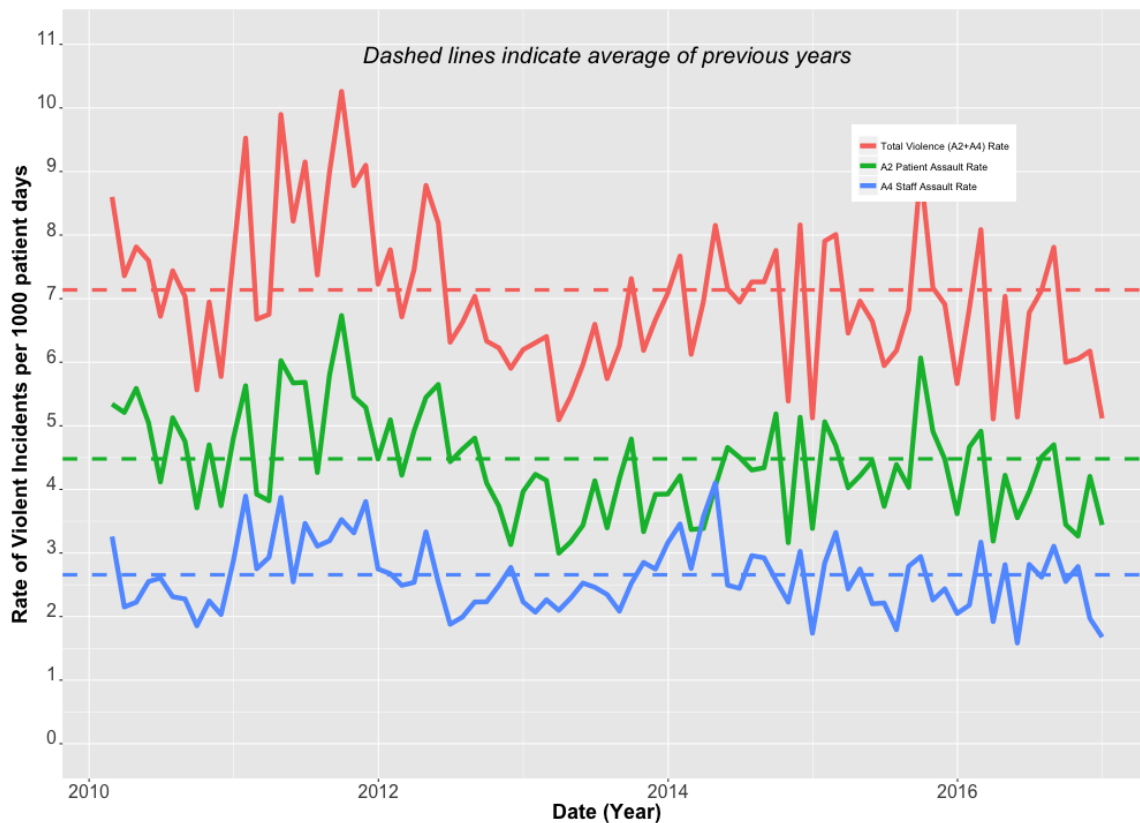
Table 8
DSH-Metropolitan Yearly A4 Patient on staff assault Summary

YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	518	235768	2.197	NA
2011	739	226342	3.265	48.6
2012	575	234956	2.447	-25.1
2013	587	238968	2.456	0.4
2014	735	258248	2.846	15.9
2015	666	266883	2.495	-12.3
2016	665	274136	2.426	-2.8

Monthly Rates

The previous barplot showing the violence rates as an overall yearly average does not show the monthly variability in the rates that occurs regularly. Two figures are shown, the first being a plot of the violence rates on a monthly basis, and the second showing the violence rates for each month averaged over the six months before and after each month, to create a “smoothed” plot (much like you would see in a financial article, where daily results are “smoothed” to better discern trends over time).

Figure 68
DSH-Metropolitan Monthly Rates of Violence per 1000 Patient Days



Trend of Monthly Rates

Figure 69
DSH-Metropolitan Trends of Monthly Rates of Violence per 1000 Patient Days

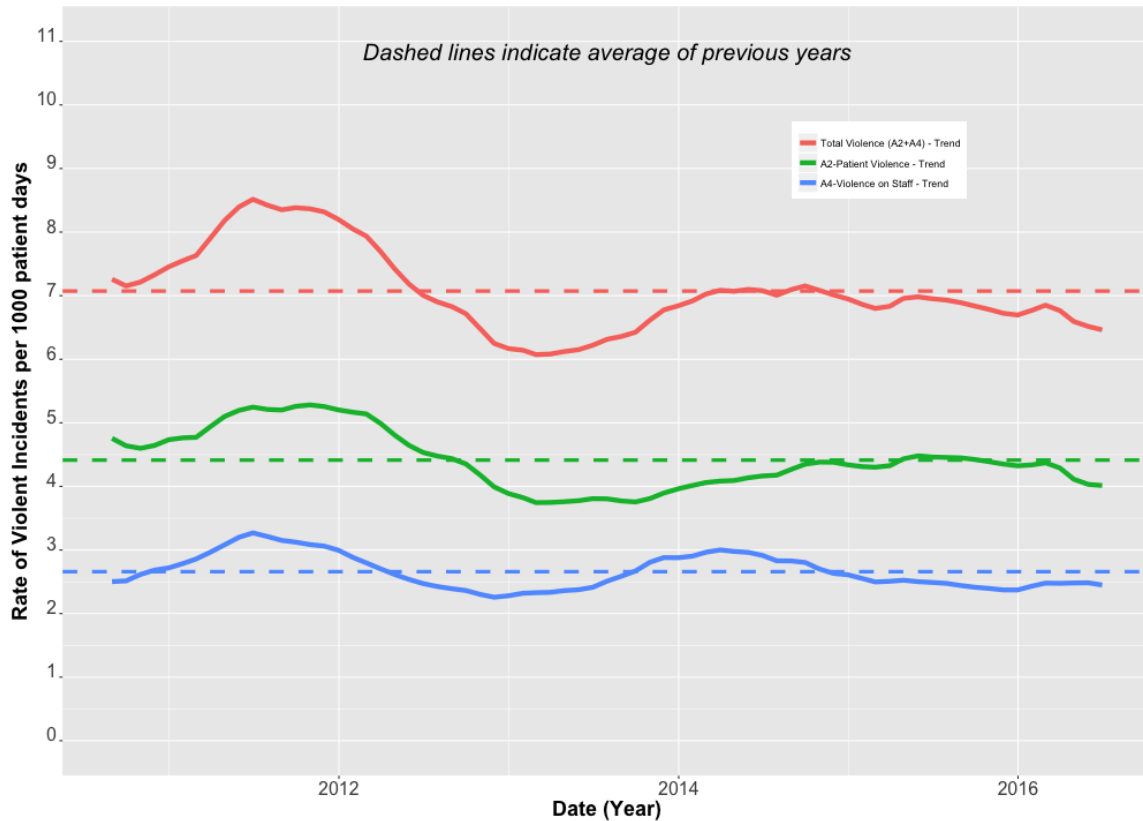


Figure 69 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Metropolitan. The dashed lines indicate the previous years (2010-2015) average rate for each category, for comparison with 2016.

Table 47 provides a yearly summary of the year-over-year changes in the assault rates.

Table 47
DSH-Metropolitan Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2	2/28/2010	5.342	3.258	8.6
3	3/31/2010	5.21	2.151	7.361
4	4/30/2010	5.589	2.226	7.814

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
5	5/31/2010	5.05	2.55	7.6
6	6/30/2010	4.118	2.606	6.724
7	7/31/2010	5.126	2.312	7.438
8	8/31/2010	4.756	2.277	7.033
9	9/30/2010	3.71	1.855	5.566
10	10/31/2010	4.701	2.246	6.947
11	11/30/2010	3.744	2.033	5.777
12	12/31/2010	4.804	2.872	7.677
13	1/31/2011	5.63	3.894	9.524
14	2/28/2011	3.924	2.753	6.676
15	3/31/2011	3.821	2.931	6.753
16	4/30/2011	6.024	3.873	9.897
17	5/31/2011	5.674	2.545	8.219
18	6/30/2011	5.685	3.465	9.15
19	7/31/2011	4.266	3.107	7.373
20	8/31/2011	5.812	3.194	9.005
21	9/30/2011	6.735	3.525	10.26
22	10/31/2011	5.461	3.317	8.778
23	11/30/2011	5.289	3.808	9.098
24	12/31/2011	4.479	2.749	7.228
25	1/31/2012	5.095	2.674	7.769
26	2/29/2012	4.224	2.491	6.715
27	3/31/2012	4.922	2.537	7.459
28	4/30/2012	5.448	3.332	8.78
29	5/31/2012	5.65	2.545	8.195
30	6/30/2012	4.436	1.879	6.315
31	7/31/2012	4.633	1.993	6.625
32	8/31/2012	4.806	2.23	7.036
33	9/30/2012	4.101	2.232	6.333
34	10/31/2012	3.735	2.49	6.225
35	11/30/2012	3.132	2.773	5.905
36	12/31/2012	3.967	2.231	6.198
37	1/31/2013	4.237	2.069	6.306
38	2/28/2013	4.141	2.264	6.405
39	3/31/2013	2.997	2.098	5.095
40	4/30/2013	3.174	2.289	5.463
41	5/31/2013	3.436	2.527	5.963

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
42	6/30/2013	4.136	2.461	6.597
43	7/31/2013	3.396	2.347	5.743
44	8/31/2013	4.172	2.086	6.258
45	9/30/2013	4.792	2.522	7.315
46	10/31/2013	3.335	2.852	6.187
47	11/30/2013	3.923	2.746	6.669
48	12/31/2013	3.926	3.16	7.087
49	1/31/2014	4.214	3.456	7.67
50	2/28/2014	3.369	2.756	6.125
51	3/31/2014	3.385	3.571	6.956
52	4/30/2014	4.052	4.101	8.153
53	5/31/2014	4.66	2.495	7.154
54	6/30/2014	4.504	2.443	6.947
55	7/31/2014	4.304	2.959	7.264
56	8/31/2014	4.341	2.923	7.264
57	9/30/2014	5.187	2.571	7.758
58	10/31/2014	3.162	2.227	5.39
59	11/30/2014	5.134	3.025	8.16
60	12/31/2014	3.387	1.738	5.125
61	1/31/2015	5.063	2.842	7.905
62	2/28/2015	4.688	3.321	8.009
63	3/31/2015	4.026	2.433	6.459
64	4/30/2015	4.214	2.748	6.963
65	5/31/2015	4.446	2.2	6.646
66	6/30/2015	3.734	2.213	5.947
67	7/31/2015	4.391	1.792	6.183
68	8/31/2015	4.033	2.792	6.825
69	9/30/2015	6.067	2.943	9.011
70	10/31/2015	4.911	2.26	7.171
71	11/30/2015	4.475	2.437	6.912
72	12/31/2015	3.617	2.048	5.665
73	1/31/2016	4.667	2.181	6.848
74	2/29/2016	4.916	3.17	8.086
75	3/31/2016	3.187	1.921	5.108
76	4/30/2016	4.222	2.815	7.036
77	5/31/2016	3.554	1.584	5.138
78	6/30/2016	3.964	2.819	6.783

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
79	7/31/2016	4.51	2.62	7.13
80	8/31/2016	4.702	3.106	7.808
81	9/30/2016	3.446	2.551	5.998
82	10/31/2016	3.266	2.787	6.052
83	11/30/2016	4.204	1.971	6.175
84	12/31/2016	3.439	1.678	5.117

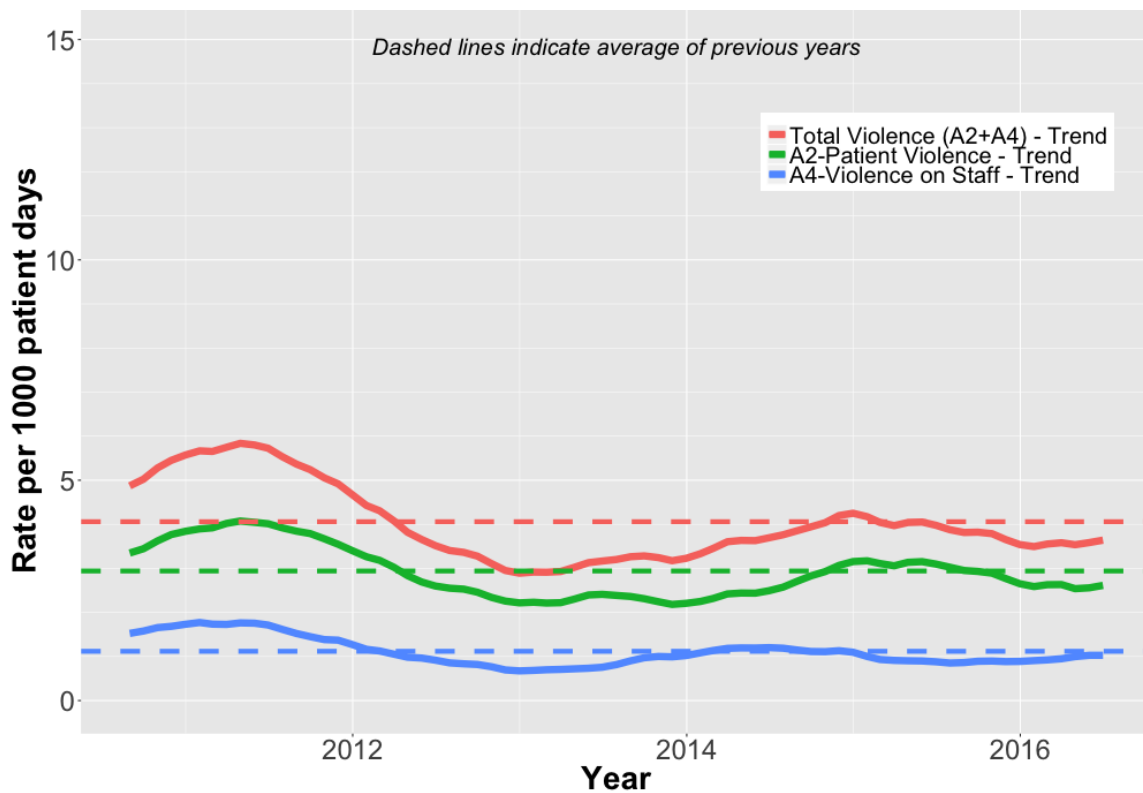
Violence Rates by Major Legal Classes

DSH-Metropolitan IST's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 70
Trends of Monthly Rates of Violence for IST's at DSH-Metropolitan



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 71
Monthly Rates of Violence for IST's at DSH-Metropolitan

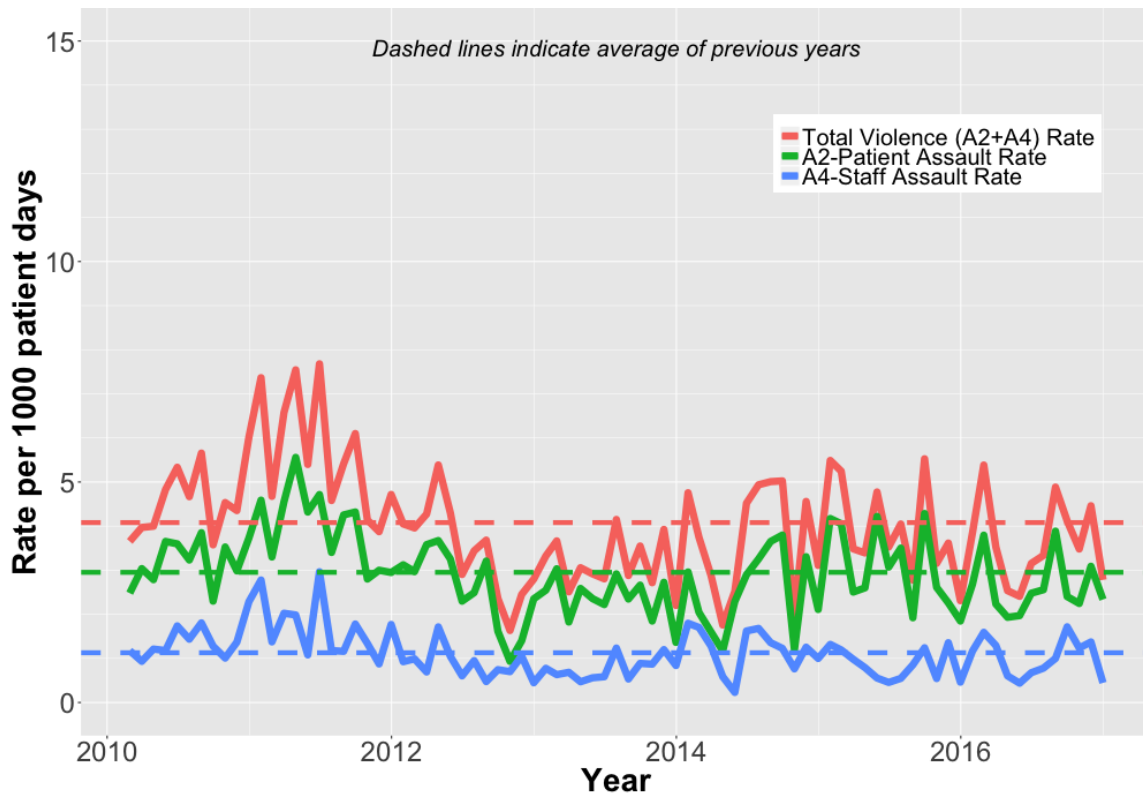


Table 48
DSH-Metropolitan IST Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	2/28/2010	2.479	1.174	3.653
2	3/31/2010	3.036	0.934	3.97
3	4/30/2010	2.786	1.211	3.997
4	5/31/2010	3.652	1.178	4.83
5	6/30/2010	3.597	1.737	5.334

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
6	7/31/2010	3.232	1.436	4.668
7	8/31/2010	3.85	1.805	5.654
8	9/30/2010	2.299	1.277	3.576
9	10/31/2010	3.526	1.007	4.533
10	11/30/2010	2.985	1.368	4.353
11	12/31/2010	3.732	2.287	6.019
12	1/31/2011	4.588	2.777	7.364
13	2/28/2011	3.3	1.375	4.675
14	3/31/2011	4.554	2.024	6.577
15	4/30/2011	5.558	1.985	7.543
16	5/31/2011	4.319	1.08	5.399
17	6/30/2011	4.715	2.964	7.679
18	7/31/2011	3.403	1.178	4.581
19	8/31/2011	4.253	1.16	5.413
20	9/30/2011	4.32	1.779	6.098
21	10/31/2011	2.8	1.339	4.139
22	11/30/2011	2.999	0.875	3.874
23	12/31/2011	2.948	1.769	4.717
24	1/31/2012	3.123	0.925	4.048
25	2/29/2012	2.968	0.989	3.958
26	3/31/2012	3.58	0.693	4.273
27	4/30/2012	3.672	1.714	5.386
28	5/31/2012	3.253	1.046	4.299
29	6/30/2012	2.298	0.605	2.903
30	7/31/2012	2.491	0.949	3.439
31	8/31/2012	3.207	0.475	3.682
32	9/30/2012	1.613	0.744	2.357
33	10/31/2012	0.933	0.7	1.633
34	11/30/2012	1.4	1.05	2.45
35	12/31/2012	2.351	0.448	2.799
36	1/31/2013	2.547	0.775	3.322
37	2/28/2013	3.032	0.632	3.664
38	3/31/2013	1.825	0.684	2.51
39	4/30/2013	2.586	0.47	3.056
40	5/31/2013	2.355	0.561	2.916
41	6/30/2013	2.221	0.584	2.805
42	7/31/2013	2.916	1.234	4.15

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
43	8/31/2013	2.346	0.533	2.88
44	9/30/2013	2.661	0.887	3.548
45	10/31/2013	1.847	0.869	2.717
46	11/30/2013	2.725	1.199	3.924
47	12/31/2013	1.363	0.838	2.201
48	1/31/2014	2.959	1.797	4.756
49	2/28/2014	2.043	1.702	3.745
50	3/31/2014	1.599	1.279	2.879
51	4/30/2014	1.172	0.586	1.757
52	5/31/2014	2.291	0.229	2.52
53	6/30/2014	2.896	1.622	4.518
54	7/31/2014	3.256	1.681	4.937
55	8/31/2014	3.652	1.356	5.008
56	9/30/2014	3.796	1.228	5.025
57	10/31/2014	1.2	0.764	1.963
58	11/30/2014	3.305	1.254	4.559
59	12/31/2014	2.11	0.999	3.109
60	1/31/2015	4.171	1.317	5.488
61	2/28/2015	4.054	1.192	5.246
62	3/31/2015	2.504	0.98	3.484
63	4/30/2015	2.6	0.791	3.391
64	5/31/2015	4.218	0.555	4.773
65	6/30/2015	3.071	0.455	3.526
66	7/31/2015	3.5	0.547	4.047
67	8/31/2015	1.922	0.854	2.776
68	9/30/2015	4.285	1.24	5.525
69	10/31/2015	2.611	0.544	3.155
70	11/30/2015	2.259	1.355	3.615
71	12/31/2015	1.848	0.462	2.309
72	1/31/2016	2.683	1.167	3.85
73	2/29/2016	3.793	1.591	5.384
74	3/31/2016	2.232	1.292	3.525
75	4/30/2016	1.932	0.604	2.536
76	5/31/2016	1.97	0.438	2.408
77	6/30/2016	2.478	0.676	3.154
78	7/31/2016	2.557	0.778	3.335
79	8/31/2016	3.885	0.999	4.884

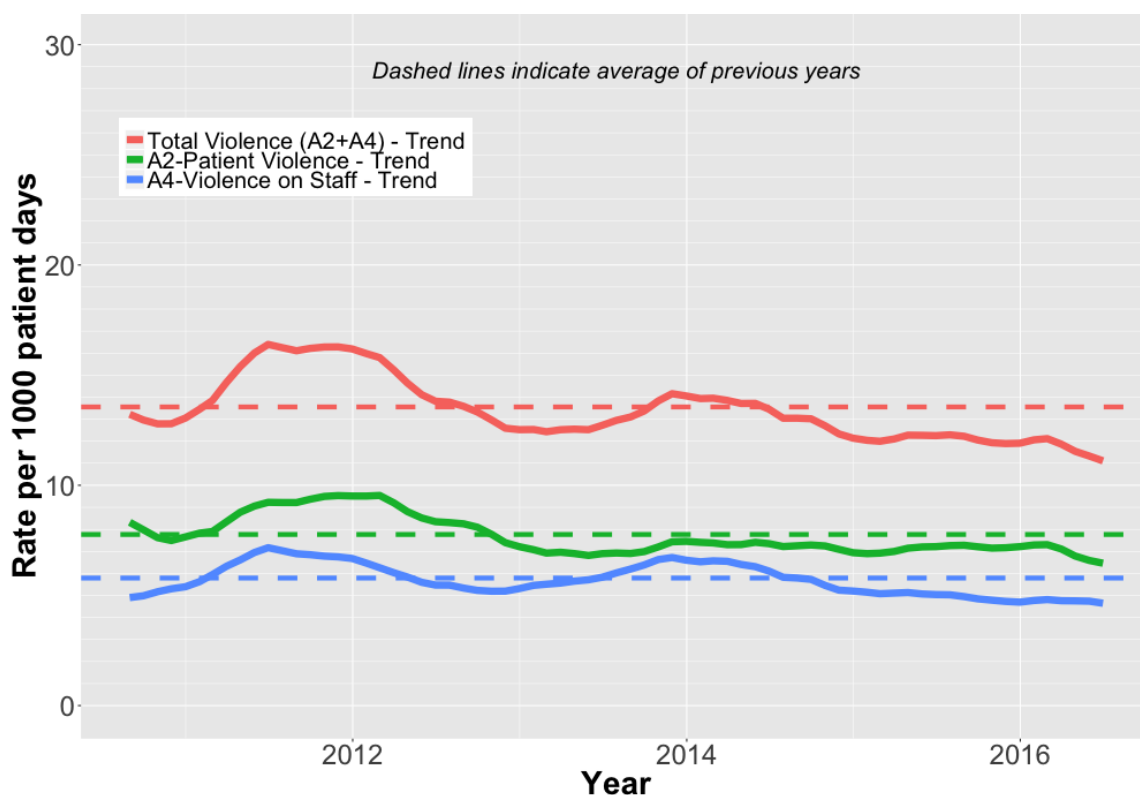
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
80	9/30/2016	2.402	1.716	4.118
81	10/31/2016	2.246	1.235	3.481
82	11/30/2016	3.088	1.373	4.461
83	12/31/2016	2.336	0.445	2.781

DSH-Metropolitan LPS's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 72
Trends of Monthly Rates of Violence for LPS's at DSH-Metropolitan



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 73
Monthly Rates of Violence for LPS's at DSH-Metropolitan

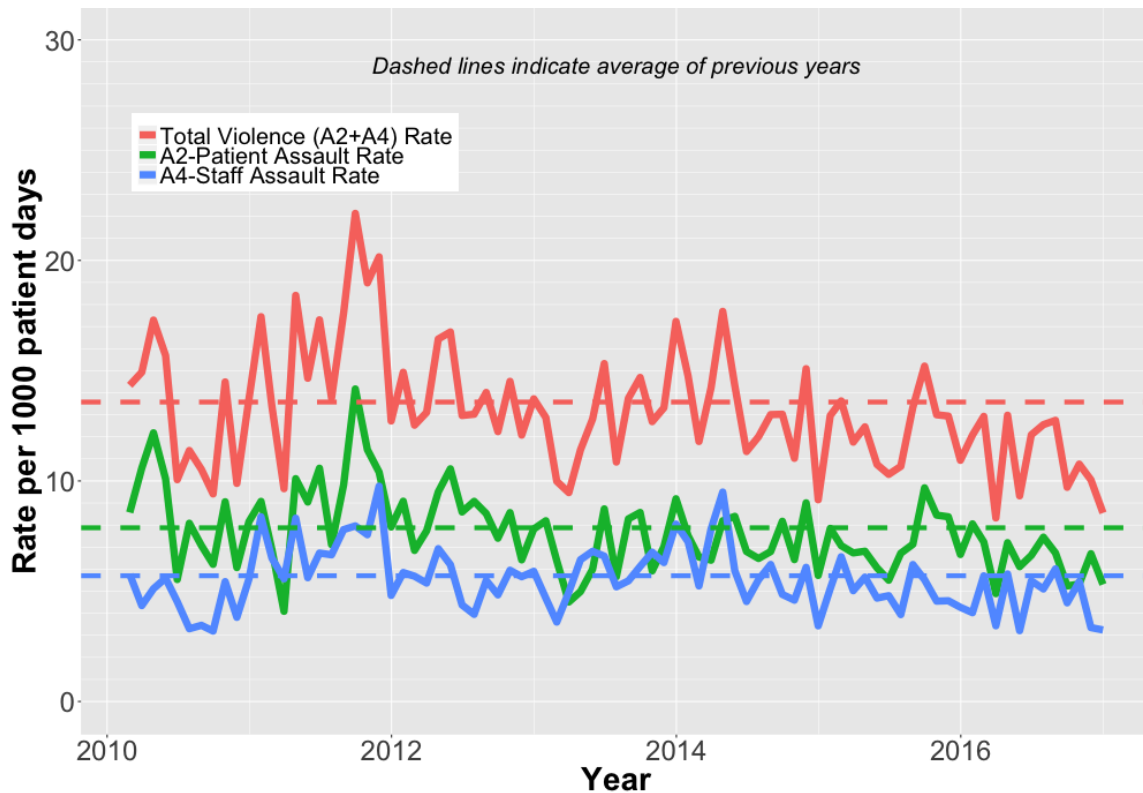


Table 49
DSH-Metropolitan LPS Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	2/28/2010	8.568	5.767	14.335
2	3/31/2010	10.583	4.349	14.932
3	4/30/2010	12.18	5.113	17.293
4	5/31/2010	10.098	5.593	15.691
5	6/30/2010	5.531	4.526	10.057
6	7/31/2010	8.08	3.298	11.379
7	8/31/2010	7.071	3.453	10.525

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8	9/30/2010	6.218	3.193	9.412
9	10/31/2010	9.055	5.433	14.488
10	11/30/2010	6.072	3.817	9.889
11	12/31/2010	8.154	5.552	13.706
12	1/31/2011	9.072	8.374	17.446
13	2/28/2011	6.881	6.498	13.379
14	3/31/2011	4.089	5.561	9.65
15	4/30/2011	10.103	8.31	18.413
16	5/31/2011	9.044	5.614	14.658
17	6/30/2011	10.575	6.73	17.305
18	7/31/2011	7.114	6.65	13.764
19	8/31/2011	9.821	7.794	17.615
20	9/30/2011	14.17	7.961	22.13
21	10/31/2011	11.42	7.562	18.981
22	11/30/2011	10.4	9.76	20.16
23	12/31/2011	7.912	4.809	12.721
24	1/31/2012	9.08	5.848	14.928
25	2/29/2012	6.849	5.68	12.529
26	3/31/2012	7.738	5.37	13.108
27	4/30/2012	9.507	6.929	16.436
28	5/31/2012	10.549	6.205	16.755
29	6/30/2012	8.594	4.375	12.969
30	7/31/2012	9.074	3.951	13.025
31	8/31/2012	8.522	5.489	14.011
32	9/30/2012	7.403	4.835	12.237
33	10/31/2012	8.563	5.951	14.514
34	11/30/2012	6.422	5.657	12.08
35	12/31/2012	7.821	5.902	13.723
36	1/31/2013	8.193	4.682	12.875
37	2/28/2013	6.384	3.601	9.985
38	3/31/2013	4.511	4.962	9.472
39	4/30/2013	4.983	6.43	11.413
40	5/31/2013	5.999	6.809	12.808
41	6/30/2013	8.731	6.59	15.321
42	7/31/2013	5.658	5.2	10.858
43	8/31/2013	8.28	5.471	13.751
44	9/30/2013	8.571	6.122	14.692

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
45	10/31/2013	5.922	6.768	12.69
46	11/30/2013	7.016	6.3	13.316
47	12/31/2013	9.191	8.043	17.234
48	1/31/2014	7.516	7.242	14.758
49	2/28/2014	6.55	5.24	11.79
50	3/31/2014	6.407	7.817	14.223
51	4/30/2014	8.194	9.494	17.688
52	5/31/2014	8.393	5.924	14.317
53	6/30/2014	6.801	4.534	11.335
54	7/31/2014	6.485	5.524	12.009
55	8/31/2014	6.797	6.211	13.008
56	9/30/2014	8.17	4.854	13.024
57	10/31/2014	6.433	4.595	11.028
58	11/30/2014	9.006	6.082	15.088
59	12/31/2014	5.717	3.43	9.147
60	1/31/2015	7.846	5.117	12.963
61	2/28/2015	7.066	6.562	13.628
62	3/31/2015	6.737	5.024	11.761
63	4/30/2015	6.814	5.639	12.453
64	5/31/2015	6.059	4.687	10.745
65	6/30/2015	5.5	4.798	10.297
66	7/31/2015	6.722	3.94	10.662
67	8/31/2015	7.128	6.208	13.336
68	9/30/2015	9.687	5.519	15.206
69	10/31/2015	8.451	4.55	13.001
70	11/30/2015	8.374	4.568	12.942
71	12/31/2015	6.666	4.27	10.936
72	1/31/2016	8.053	4.026	12.079
73	2/29/2016	7.23	5.697	12.927
74	3/31/2016	4.89	3.434	8.324
75	4/30/2016	7.198	5.78	12.979
76	5/31/2016	6.113	3.212	9.325
77	6/30/2016	6.625	5.468	12.093
78	7/31/2016	7.45	5.103	12.552
79	8/31/2016	6.736	6.011	12.747
80	9/30/2016	5.238	4.475	9.713
81	10/31/2016	5.328	5.435	10.763

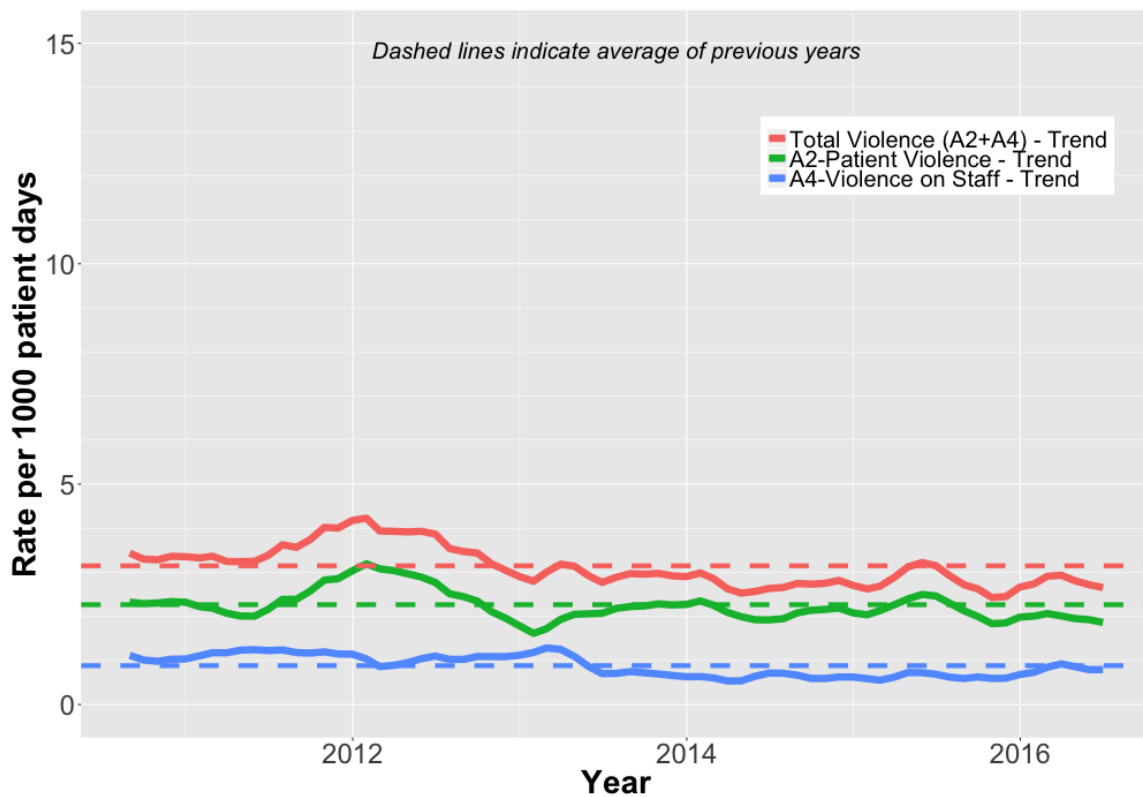
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
82	11/30/2016	6.699	3.35	10.049
83	12/31/2016	5.307	3.243	8.55

DSH-Metropolitan MDO's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 74
Trends of Monthly Rates of Violence for MDO's at DSH-Metropolitan



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 75
Monthly Rates of Violence for MDO's at DSH-Metropolitan

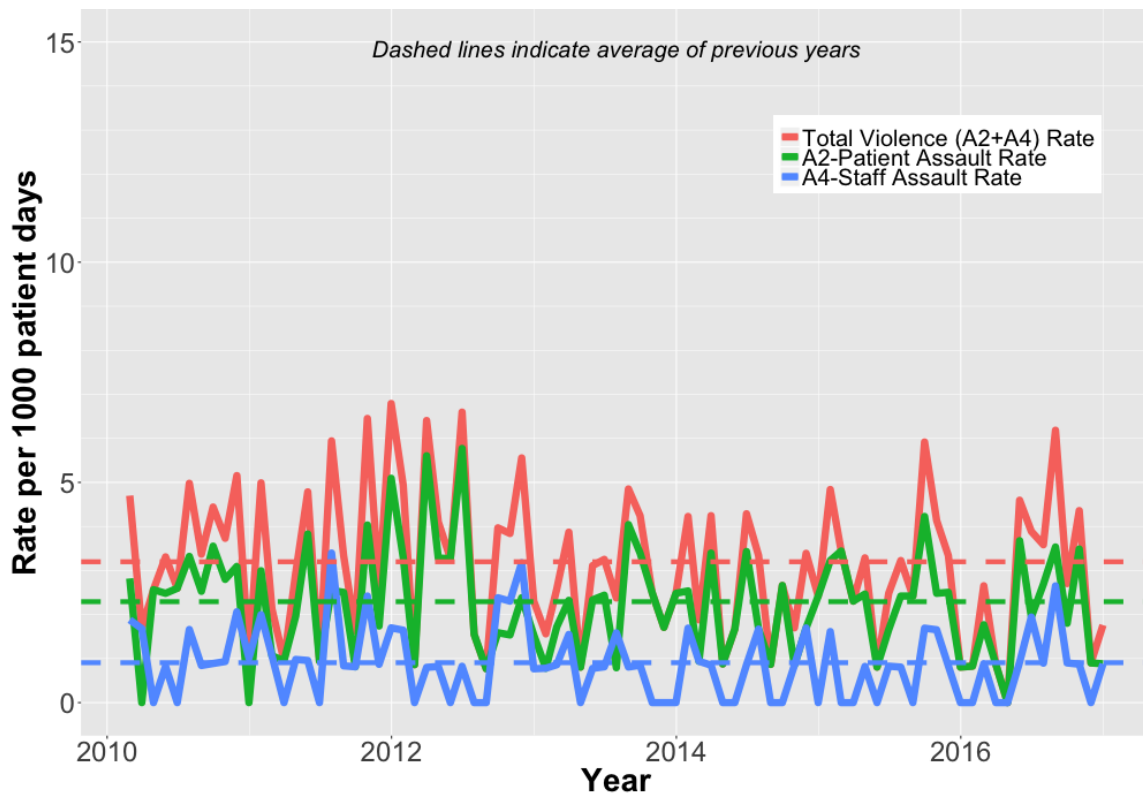


Table 50
DSH-Metropolitan MDO Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	2/28/2010	2.82	1.88	4.699
2	3/31/2010	0	1.679	1.679
3	4/30/2010	2.564	0	2.564
4	5/31/2010	2.481	0.827	3.309
5	6/30/2010	2.595	0	2.595
6	7/31/2010	3.32	1.66	4.979

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	8/31/2010	2.527	0.842	3.37
8	9/30/2010	3.552	0.888	4.44
9	10/31/2010	2.799	0.933	3.731
10	11/30/2010	3.093	2.062	5.155
11	12/31/2010	0	1.008	1.008
12	1/31/2011	2.994	1.996	4.99
13	2/28/2011	1.065	1.065	2.13
14	3/31/2011	0.949	0	0.949
15	4/30/2011	1.961	0.98	2.941
16	5/31/2011	3.828	0.957	4.785
17	6/30/2011	0.943	0	0.943
18	7/31/2011	2.547	3.396	5.942
19	8/31/2011	2.504	0.835	3.339
20	9/30/2011	0.814	0.814	1.627
21	10/31/2011	4.032	2.419	6.452
22	11/30/2011	1.739	0.87	2.609
23	12/31/2011	5.093	1.698	6.791
24	1/31/2012	3.289	1.645	4.934
25	2/29/2012	0.861	0	0.861
26	3/31/2012	5.604	0.801	6.405
27	4/30/2012	3.281	0.82	4.102
28	5/31/2012	3.271	0	3.271
29	6/30/2012	5.771	0.824	6.595
30	7/31/2012	1.548	0	1.548
31	8/31/2012	0.768	0	0.768
32	9/30/2012	1.587	2.381	3.968
33	10/31/2012	1.536	2.304	3.84
34	11/30/2012	2.381	3.175	5.556
35	12/31/2012	1.536	0.768	2.304
36	1/31/2013	0.781	0.781	1.561
37	2/28/2013	1.718	0.859	2.577
38	3/31/2013	2.322	1.548	3.87
39	4/30/2013	0.805	0	0.805
40	5/31/2013	2.333	0.778	3.11
41	6/30/2013	2.439	0.813	3.252
42	7/31/2013	0.792	1.584	2.375
43	8/31/2013	4.042	0.808	4.85

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	9/30/2013	3.393	0.848	4.241
45	10/31/2013	2.492	0	2.492
46	11/30/2013	1.709	0	1.709
47	12/31/2013	2.481	0	2.481
48	1/31/2014	2.536	1.691	4.227
49	2/28/2014	0.94	0.94	1.88
50	3/31/2014	3.396	0.849	4.244
51	4/30/2014	0.877	0	0.877
52	5/31/2014	1.671	0	1.671
53	6/30/2014	3.431	0.858	4.288
54	7/31/2014	1.669	1.669	3.339
55	8/31/2014	0.867	0	0.867
56	9/30/2014	2.66	0	2.66
57	10/31/2014	0.849	0.849	1.698
58	11/30/2014	1.695	1.695	3.39
59	12/31/2014	2.419	0	2.419
60	1/31/2015	3.226	1.613	4.839
61	2/28/2015	3.442	0	3.442
62	3/31/2015	2.304	0	2.304
63	4/30/2015	2.465	0.822	3.287
64	5/31/2015	0.806	0	0.806
65	6/30/2015	1.656	0.828	2.483
66	7/31/2015	2.419	0.806	3.226
67	8/31/2015	2.419	0	2.419
68	9/30/2015	4.227	1.691	5.917
69	10/31/2015	2.481	1.654	4.136
70	11/30/2015	2.504	0.835	3.339
71	12/31/2015	0.806	0	0.806
72	1/31/2016	0.827	0	0.827
73	2/29/2016	1.768	0.884	2.653
74	3/31/2016	0.864	0	0.864
75	4/30/2016	0	0	0
76	5/31/2016	3.676	0.919	4.596
77	6/30/2016	1.944	1.944	3.887
78	7/31/2016	2.688	0.896	3.584
79	8/31/2016	3.534	2.65	6.184
80	9/30/2016	1.802	0.901	2.703

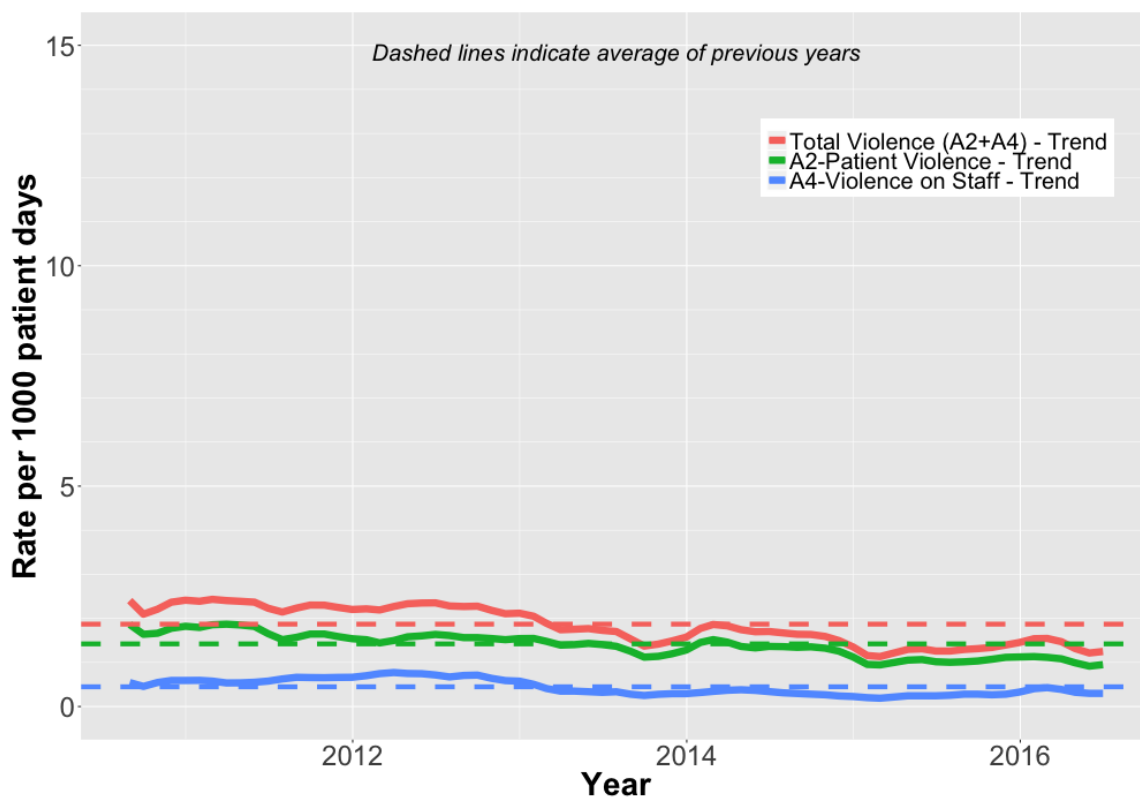
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	10/31/2016	3.487	0.872	4.359
82	11/30/2016	0.901	0	0.901
83	12/31/2016	0.88	0.88	1.761

DSH-Metropolitan NGRI's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 76
Trends of Monthly Rates of Violence for NGRI's at DSH-Metropolitan



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 77
Monthly Rates of Violence for NGRI's at DSH-Metropolitan

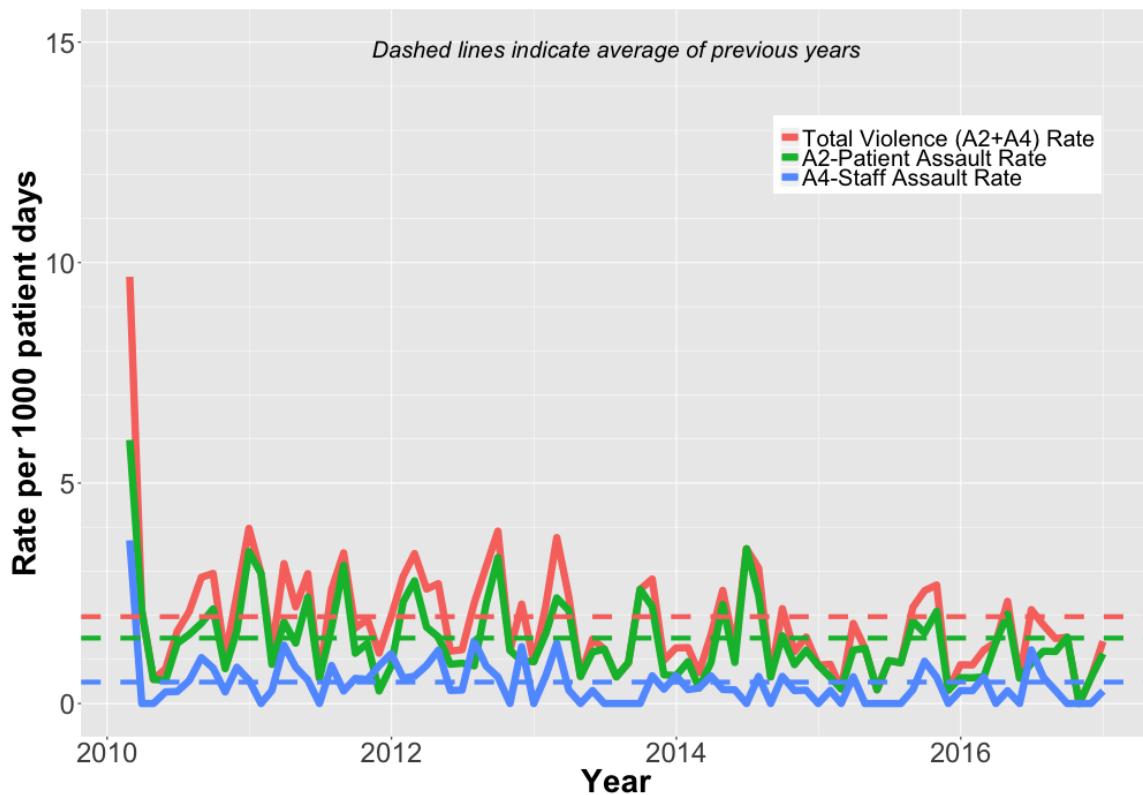


Table 51
DSH-Metropolitan NGRI Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	2/28/2010	5.978	3.701	9.678
2	3/31/2010	2.098	0	2.098
3	4/30/2010	0.547	0	0.547
4	5/31/2010	0.525	0.263	0.788
5	6/30/2010	1.366	0.273	1.639
6	7/31/2010	1.567	0.522	2.089

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	8/31/2010	1.822	1.041	2.863
8	9/30/2010	2.145	0.805	2.95
9	10/31/2010	0.791	0.264	1.055
10	11/30/2010	1.645	0.822	2.467
11	12/31/2010	3.443	0.53	3.972
12	1/31/2011	2.951	0	2.951
13	2/28/2011	0.887	0.296	1.183
14	3/31/2011	1.851	1.322	3.173
15	4/30/2011	1.369	0.822	2.191
16	5/31/2011	2.408	0.535	2.944
17	6/30/2011	0.574	0	0.574
18	7/31/2011	1.722	0.861	2.582
19	8/31/2011	3.131	0.285	3.416
20	9/30/2011	1.14	0.57	1.71
21	10/31/2011	1.366	0.546	1.912
22	11/30/2011	0.285	0.856	1.142
23	12/31/2011	0.847	1.129	1.976
24	1/31/2012	2.31	0.578	2.888
25	2/29/2012	2.782	0.618	3.4
26	3/31/2012	1.73	0.865	2.595
27	4/30/2012	1.51	1.208	2.718
28	5/31/2012	0.89	0.297	1.187
29	6/30/2012	0.914	0.305	1.219
30	7/31/2012	0.853	1.422	2.275
31	8/31/2012	2.261	0.848	3.109
32	9/30/2012	3.308	0.602	3.91
33	10/31/2012	1.207	0	1.207
34	11/30/2012	0.966	1.288	2.254
35	12/31/2012	0.951	0	0.951
36	1/31/2013	1.586	0.635	2.221
37	2/28/2013	2.395	1.368	3.763
38	3/31/2013	2.114	0.302	2.415
39	4/30/2013	0.615	0	0.615
40	5/31/2013	1.171	0.293	1.463
41	6/30/2013	1.233	0	1.233
42	7/31/2013	0.605	0	0.605
43	8/31/2013	0.926	0	0.926

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	9/30/2013	2.588	0	2.588
45	10/31/2013	2.195	0.627	2.822
46	11/30/2013	0.653	0.326	0.979
47	12/31/2013	0.631	0.631	1.261
48	1/31/2014	0.95	0.317	1.267
49	2/28/2014	0.351	0.351	0.702
50	3/31/2014	0.937	0.625	1.562
51	4/30/2014	2.244	0.321	2.564
52	5/31/2014	0.933	0.311	1.243
53	6/30/2014	3.51	0	3.51
54	7/31/2014	2.455	0.614	3.069
55	8/31/2014	0.605	0	0.605
56	9/30/2014	1.537	0.615	2.151
57	10/31/2014	0.882	0.294	1.176
58	11/30/2014	1.208	0.302	1.51
59	12/31/2014	0.87	0	0.87
60	1/31/2015	0.593	0.296	0.889
61	2/28/2015	0.334	0	0.334
62	3/31/2015	1.211	0.606	1.817
63	4/30/2015	1.252	0	1.252
64	5/31/2015	0.312	0	0.312
65	6/30/2015	0.972	0	0.972
66	7/31/2015	0.924	0	0.924
67	8/31/2015	1.871	0.312	2.183
68	9/30/2015	1.599	0.96	2.559
69	10/31/2015	2.091	0.597	2.688
70	11/30/2015	0.304	0	0.304
71	12/31/2015	0.585	0.293	0.878
72	1/31/2016	0.583	0.292	0.875
73	2/29/2016	0.605	0.605	1.21
74	3/31/2016	1.39	0	1.39
75	4/30/2016	2.027	0.29	2.317
76	5/31/2016	0.577	0	0.577
77	6/30/2016	0.912	1.216	2.128
78	7/31/2016	1.187	0.593	1.78
79	8/31/2016	1.18	0.295	1.474
80	9/30/2016	1.503	0	1.503

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	10/31/2016	0	0	0
82	11/30/2016	0.584	0	0.584
83	12/31/2016	1.13	0.282	1.412

DSH-Napa

This section reviews and then further extends information presented earlier in this report.

In the first section, the overall hospital population, given as Average Daily Census (ADC) is given for each month during 2010-2016, broken down by legal class.

In the second section, the yearly rates of violence presented earlier are reviewed, and then in the following sections, the monthly rates of violence and trend of violence is given.

In the remaining sections, the rates of violence by each individual legal class in the hospital is given, for the major groups at each hospital (i.e., IST's, NGRI's, MDO's, LPS, and SVP's). When a given legal class numbers less than 20 at a hospital (typically DJJ or MDSO's), the overall data is not presented, as the numbers are too small to draw conclusions about that legal class (i.e., acts of violence are more related to an individual patient or just a few patients than to the legal class as a whole).

Table 52
DSH-Napa Monthly ADC, By Legal Commitment

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
1	1/31/2010	4	274.9	186.22	152.61	8	543.77	0	0	1,169.50
2	2/28/2010	3.93	265.57	187.93	153.18	8	545.39	0	0	1,164
3	3/31/2010	5	268.32	183.45	152.35	8	547.23	0	0	1,164.35
4	4/30/2010	5	272.83	181.2	150.33	8	544	0	0	1,161.36
5	5/31/2010	5	268.03	188.44	151.71	8	543.71	0	0	1,164.89
6	6/30/2010	5.53	269.6	192.24	152.43	8	543.64	0	0	1,171.44
7	7/31/2010	5.35	257	193.71	152.58	8	547.83	0	0	1,164.47
8	8/31/2010	5	260.29	194.06	153.49	8	547.94	0	0	1,168.78
9	9/30/2010	5	262.13	194.47	152.77	8	550.26	0	0	1,172.63
10	10/31/2010	5	257.83	201.65	152.78	8	553.81	0	0	1,179.07
11	11/30/2010	5	261.97	201.1	150.96	8	553.66	0	0	1,180.69
12	12/31/2010	5	254.55	203.93	148.9	8	556.71	0	0	1,177.09
13	1/31/2011	5	251.45	214.17	149.13	8	558.13	0	0	1,185.88
14	2/28/2011	4.75	244.25	217.51	147.04	8	558.25	0	0	1,179.80
15	3/31/2011	4	243.13	215.26	144.78	8	562.71	0	0	1,177.88
16	4/30/2011	4	248.57	211.4	144.04	8	564.2	0	0	1,180.21
17	5/31/2011	4	243.13	212.86	145.81	8	565.58	0	0	1,179.38
18	6/30/2011	4	242.9	207.09	145.47	8	559.53	0	0	1,166.99
19	7/31/2011	4	238.39	205.52	141.26	8	558.61	0	0	1,155.78
20	8/31/2011	4	241.84	208.44	141.25	8	555.55	0	0	1,159.08
21	9/30/2011	4	257.06	208.99	141.93	8	558.24	0	0	1,178.22
22	10/31/2011	4	268.42	206.06	143.91	8	562.41	0	0	1,192.80
23	11/30/2011	4	271.7	205.72	143.63	8	562.63	0	0	1,195.68
24	12/31/2011	4	279.84	205.33	141.39	8	558.36	0	0	1,196.92
25	1/31/2012	4	284.9	203.21	137.54	8	558.93	0	0	1,196.58
26	2/29/2012	4	289	209.97	134.06	8	557.49	0	0	1,202.52
27	3/31/2012	4	283.42	216.54	132.51	7.9	553.16	0	0	1,197.53
28	4/30/2012	4.67	281.7	220.71	132.63	7	556.17	0	0	1,202.88
29	5/31/2012	5	278.9	224.61	131.97	7	560.06	0	0	1,207.54
30	6/30/2012	5	281.53	224.35	131.36	7	557.5	0	0	1,206.74
31	7/31/2012	5	284.31	227.35	131.04	7	561.81	0	0	1,216.51
32	8/31/2012	5	282.68	224.42	131.1	7	564.22	0	0	1,214.42
33	9/30/2012	4.23	282.23	226.44	131.53	7	561.53	0	0	1,212.96
34	10/31/2012	4	274.29	225.29	131.97	7	562.16	0	0	1,204.71
35	11/30/2012	4	280.07	225.14	130.3	7	561.43	0	0	1,207.94
36	12/31/2012	4	276.62	224.67	125.78	7	564.06	0	0	1,202.13

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
37	1/31/2013	3.55	278.55	222.11	124.09	7	567.39	0	0	1,202.69
38	2/28/2013	3	276.32	221.13	124.07	7	569.18	0	0	1,200.70
39	3/31/2013	3.58	273.19	222.89	123.45	7	573.93	0	0	1,204.04
40	4/30/2013	4	275.27	224	118.83	7	572.53	0	0	1,201.63
41	5/31/2013	4	283.32	220.46	114.49	7	572.17	0	0	1,201.44
42	6/30/2013	4	290.2	216.87	112.7	7	573.43	0	0	1,204.20
43	7/31/2013	4	294.55	215.39	111.03	7	571.13	0	0	1,203.10
44	8/31/2013	4	301.81	213.39	109.42	7	569.06	0	0	1,204.68
45	9/30/2013	3.1	304.7	208.5	106.97	7	564.87	0	0	1,195.14
46	10/31/2013	2	304.77	203.1	108.42	7	566.52	0	0	1,191.81
47	11/30/2013	2	301.37	200.77	106.57	7	567.23	0	0	1,184.94
48	12/31/2013	2	299.48	200.62	106.26	7	561.32	0	0	1,176.68
49	1/31/2014	2	296.12	198.62	106.22	7	557.96	0	0	1,167.92
50	2/28/2014	2	292.22	199.57	101.79	7	554.5	0	0	1,157.08
51	3/31/2014	2	297.52	201.46	85.58	7	552.35	0	0	1,145.91
52	4/30/2014	2	302.54	206.43	82.46	7	551.83	0	0	1,152.26
53	5/31/2014	2	322.51	206.45	82.48	7	557.94	0	0	1,178.38
54	6/30/2014	2	321.49	210.86	83.1	7	565.83	0	0	1,190.28
55	7/31/2014	2	330.36	211.06	81.87	7	571.62	0	0	1,203.91
56	8/31/2014	2	332.19	210.44	80.81	7	574.74	0	0	1,207.18
57	9/30/2014	2.4	333.37	208.76	80.2	7	578.73	0	0	1,210.46
58	10/31/2014	3	337.35	208.97	78	7	577.68	0	0	1,212
59	11/30/2014	2.17	341.03	205.69	78.83	7	577.23	0	0	1,211.95
60	12/31/2014	1.48	344.93	205.26	78.77	7	576.61	0	0	1,214.05
61	1/31/2015	1	342.96	206.69	78.74	7	575.32	0	0	1,211.71
62	2/28/2015	0.07	326.96	207.32	80	7	575.39	0	0	1,196.74
63	3/31/2015	0	325.65	207.65	80.29	6.74	572.91	0	0	1,193.24
64	4/30/2015	0	324.4	210.1	80.76	6	569.7	0	0	1,190.96
65	5/31/2015	0	329.22	211.51	81	6	573.26	0	0	1,200.99
66	6/30/2015	0	332.83	214.12	81.5	6	574.37	0	0	1,208.82
67	7/31/2015	0	330.03	216.99	81.09	6	577.16	0	0	1,211.27
68	8/31/2015	0	333.2	215.04	82	6	578.93	0	0	1,215.17
69	9/30/2015	0	334.67	211.74	81.1	6	575.3	0	0	1,208.81
70	10/31/2015	0	334.85	210.96	78.84	6	574.55	0	0	1,205.20
71	11/30/2015	0	337.53	215.47	77.67	5.53	567.9	0	0	1,204.10
72	12/31/2015	0	338.97	213.36	76.1	5	567.71	0	0	1,201.14
73	1/31/2016	0	335.75	212.93	74.19	5	567.71	0	0	1,195.58
74	2/29/2016	0	341.45	211.55	72.38	5	574.14	0	0	1,204.52
75	3/31/2016	0	364.55	216.09	72.68	5	584.03	0	0	1,242.35
76	4/30/2016	0.6	374.73	224.53	72.8	5	582.64	0	0	1,260.30

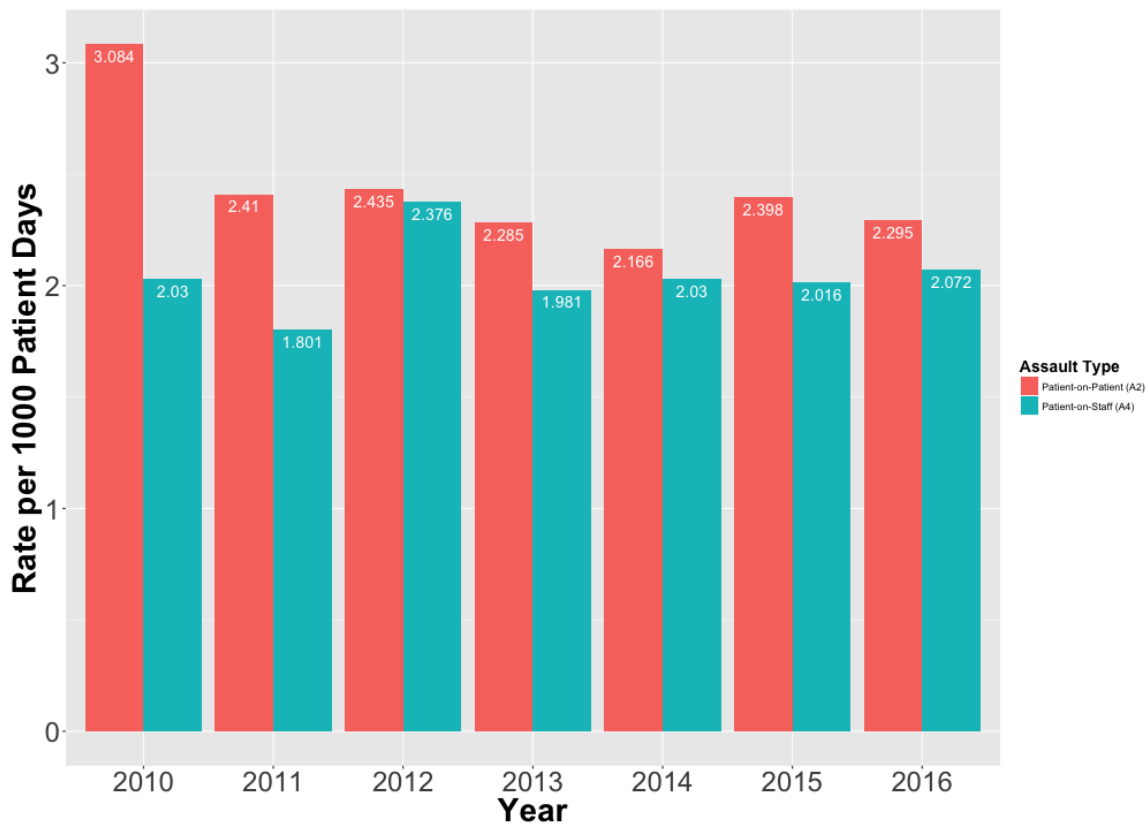
#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
77	5/31/2016	0.74	376	225.52	72	5	582.71	0	0	1,261.97
78	6/30/2016	0	372.34	228.96	72	5	587.1	0	0	1,265.40
79	7/31/2016	0	381.42	229.77	72.2	5	585.84	0	0	1,274.23
80	8/31/2016	0	383.87	225.64	71.71	5	588.09	0	0	1,274.31
81	9/30/2016	0	378.53	222.2	72.53	5	585.7	0	0	1,263.96
82	10/31/2016	0	377.71	217.71	72.77	5	586.97	0	0	1,260.16
83	11/30/2016	0	377.17	219.63	73.23	5	587.4	0	0	1,262.43
84	12/31/2016	0	375.23	221.75	73	5	587.87	0	0	1,262.85

As can be seen, there were no PC2684 or SVP patients at DSH-Napa during this time. Additionally, the numbers of DJJ's and MDSO's were too few to allow conclusions to be drawn about violence trends, and so will not be presented.

Rates of Violence at DSH-Napa

Yearly Rates

Figure 14
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Napa



- Overall, the **number** of patient assaults decreased less than a percent over the 2015 total, while the **number** of staff assaults increased by 7.2% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 4.3% the **rate** of patient on patient assault decreased 4.3% over 2015 (see Table 9), while the **rate** of patient on staff assault increased 2.8% from 2015.

Table 9
DSH-Napa Yearly A2 Patient on patient assault Summary

YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1317	427010	3.084	NA
2011	1037	430347	2.41	-21.9
2012	1075	441413	2.435	1
2013	999	437114	2.285	-6.2
2014	939	433559	2.166	-5.2
2015	1054	439490	2.398	10.7
2016	1052	458409	2.295	-4.3

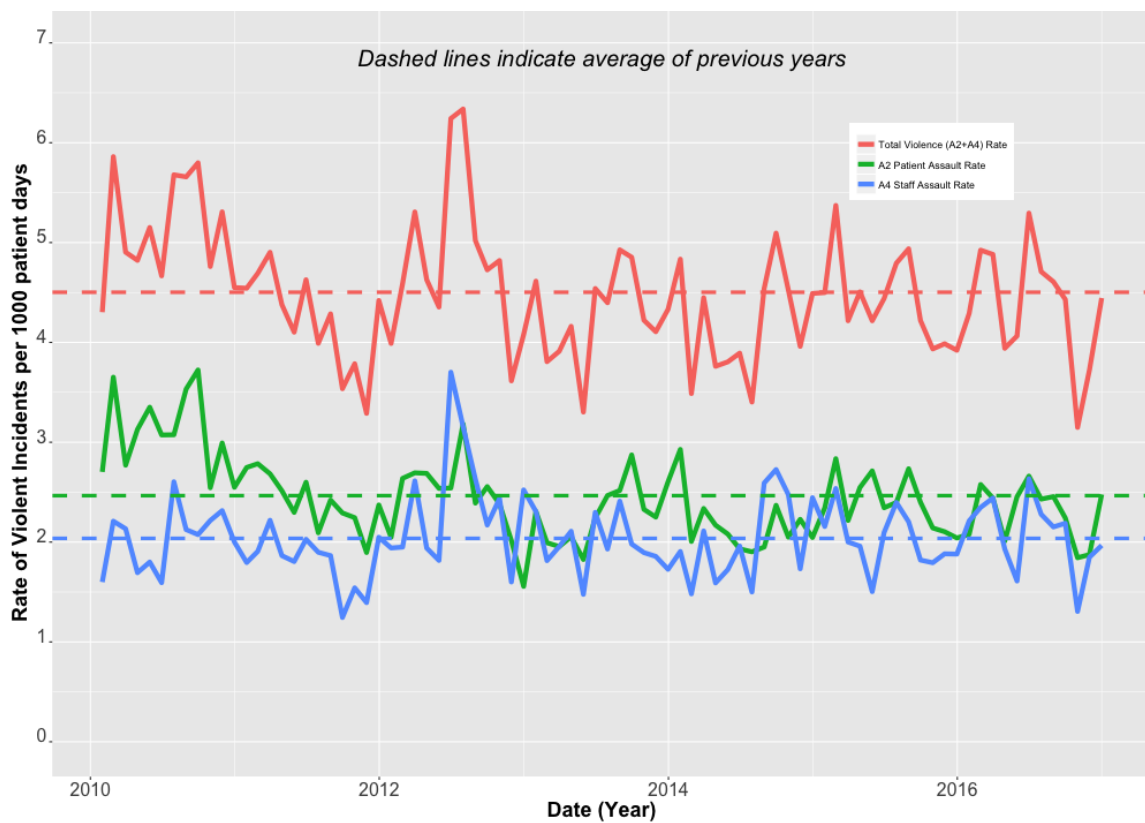
Table 10
DSH-Napa Yearly A4 Patient on staff assault Summary

YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	867	427010	2.03	NA
2011	775	430347	1.801	-11.3
2012	1049	441413	2.376	31.9
2013	866	437114	1.981	-16.6
2014	880	433559	2.03	2.5
2015	886	439490	2.016	-0.7
2016	950	458409	2.072	2.8

Monthly Rates

The previous barplot showing the violence rates as an overall yearly average does not show the monthly variability in the rates that occurs regularly. Two figures are shown, the first being a plot of the violence rates on a monthly basis, and the second showing the violence rates for each month averaged over the six months before and after each month, to create a “smoothed” plot (much like you would see in a financial article, where daily results are “smoothed” to better discern trends over time).

Figure 78
DSH-Napa Monthly Rates of Violence per 1000 Patient Days



Trend of Monthly Rates

Figure 79
DSH-Napa Trends of Monthly Rates of Violence per 1000 Patient Days

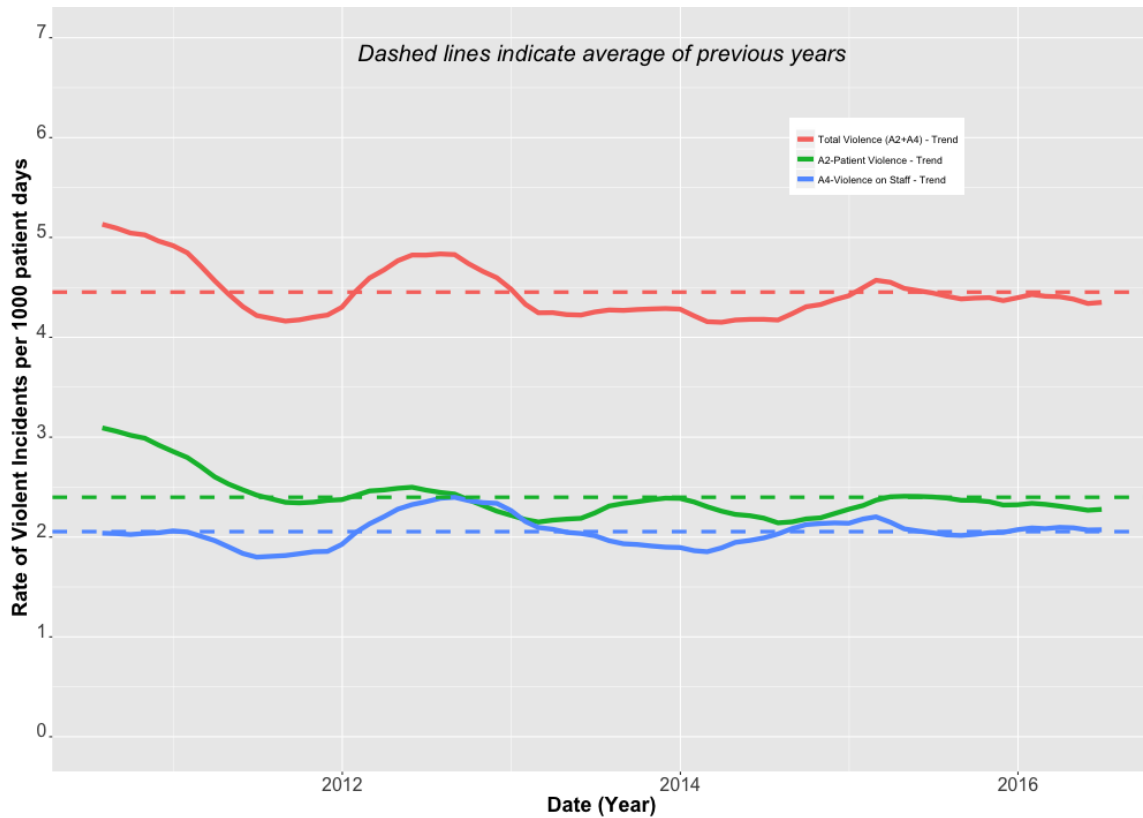


Figure 79 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Napa. The dashed lines indicate the previous years (2010-2015) average rate for each category, for comparison with 2016.

Table 53 provides a yearly summary of the year-over-year changes in the assault rates.

Table 53
DSH-Napa Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	2.703	1.6	4.303
2	2/28/2010	3.651	2.209	5.86
3	3/31/2010	2.77	2.133	4.904
4	4/30/2010	3.128	1.693	4.822

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
5	5/31/2010	3.351	1.8	5.151
6	6/30/2010	3.073	1.593	4.667
7	7/31/2010	3.075	2.604	5.679
8	8/31/2010	3.533	2.125	5.658
9	9/30/2010	3.724	2.075	5.799
10	10/31/2010	2.544	2.216	4.76
11	11/30/2010	2.993	2.315	5.308
12	12/31/2010	2.549	2.001	4.549
13	1/31/2011	2.747	1.795	4.543
14	2/28/2011	2.785	1.907	4.692
15	3/31/2011	2.684	2.218	4.902
16	4/30/2011	2.514	1.864	4.378
17	5/31/2011	2.298	1.805	4.103
18	6/30/2011	2.599	2.028	4.627
19	7/31/2011	2.093	1.898	3.991
20	8/31/2011	2.421	1.865	4.286
21	9/30/2011	2.292	1.245	3.536
22	10/31/2011	2.245	1.541	3.786
23	11/30/2011	1.896	1.394	3.29
24	12/31/2011	2.372	2.048	4.42
25	1/31/2012	2.049	1.941	3.99
26	2/29/2012	2.638	1.95	4.588
27	3/31/2012	2.694	2.613	5.307
28	4/30/2012	2.688	1.94	4.628
29	5/31/2012	2.538	1.817	4.354
30	6/30/2012	2.541	3.701	6.243
31	7/31/2012	3.182	3.155	6.338
32	8/31/2012	2.391	2.63	5.02
33	9/30/2012	2.556	2.171	4.727
34	10/31/2012	2.383	2.437	4.82
35	11/30/2012	2.014	1.601	3.615
36	12/31/2012	1.556	2.522	4.079
37	1/31/2013	2.307	2.307	4.613
38	2/28/2013	1.993	1.814	3.807
39	3/31/2013	1.956	1.956	3.911
40	4/30/2013	2.053	2.108	4.161
41	5/31/2013	1.826	1.477	3.303

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
42	6/30/2013	2.242	2.298	4.54
43	7/31/2013	2.467	1.931	4.397
44	8/31/2013	2.517	2.41	4.927
45	9/30/2013	2.873	1.98	4.853
46	10/31/2013	2.328	1.895	4.222
47	11/30/2013	2.25	1.857	4.107
48	12/31/2013	2.604	1.727	4.331
49	1/31/2014	2.928	1.906	4.833
50	2/28/2014	2.006	1.482	3.488
51	3/31/2014	2.337	2.111	4.448
52	4/30/2014	2.17	1.591	3.761
53	5/31/2014	2.08	1.725	3.805
54	6/30/2014	1.932	1.96	3.893
55	7/31/2014	1.902	1.5	3.403
56	8/31/2014	1.951	2.592	4.543
57	9/30/2014	2.368	2.726	5.094
58	10/31/2014	2.049	2.475	4.525
59	11/30/2014	2.228	1.733	3.961
60	12/31/2014	2.046	2.444	4.49
61	1/31/2015	2.343	2.156	4.499
62	2/28/2015	2.835	2.537	5.372
63	3/31/2015	2.217	2.001	4.217
64	4/30/2015	2.547	1.959	4.506
65	5/31/2015	2.713	1.504	4.217
66	6/30/2015	2.344	2.096	4.44
67	7/31/2015	2.397	2.397	4.794
68	8/31/2015	2.734	2.203	4.938
69	9/30/2015	2.399	1.82	4.219
70	10/31/2015	2.141	1.793	3.935
71	11/30/2015	2.104	1.882	3.986
72	12/31/2015	2.041	1.88	3.921
73	1/31/2016	2.078	2.212	4.29
74	2/29/2016	2.577	2.347	4.924
75	3/31/2016	2.441	2.441	4.881
76	4/30/2016	2.01	1.931	3.941
77	5/31/2016	2.454	1.61	4.064
78	6/30/2016	2.661	2.634	5.295

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
79	7/31/2016	2.43	2.278	4.709
80	8/31/2016	2.455	2.152	4.607
81	9/30/2016	2.242	2.189	4.43
82	10/31/2016	1.843	1.306	3.149
83	11/30/2016	1.875	1.848	3.723
84	12/31/2016	2.478	1.967	4.445

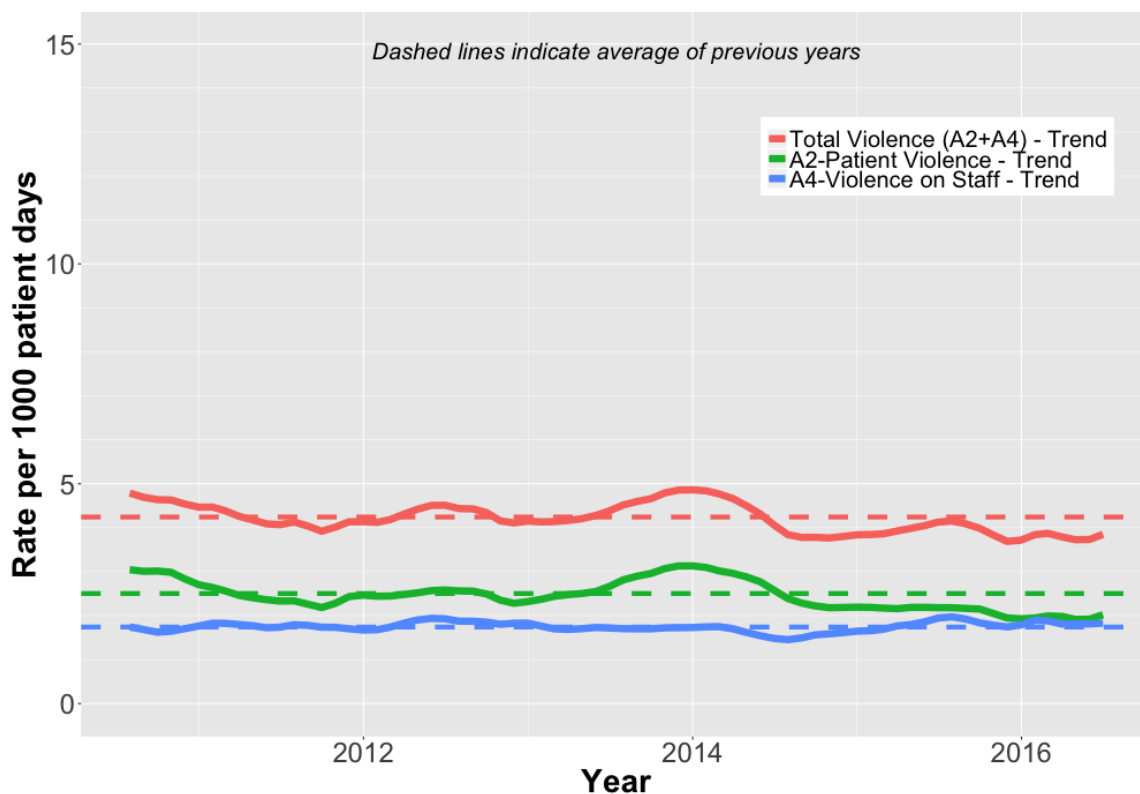
Violence Rates by Major Legal Classes

DSH-Napa IST's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 80
Trends of Monthly Rates of Violence for IST's at DSH-Napa



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 81
Monthly Rates of Violence for IST's at DSH-Napa

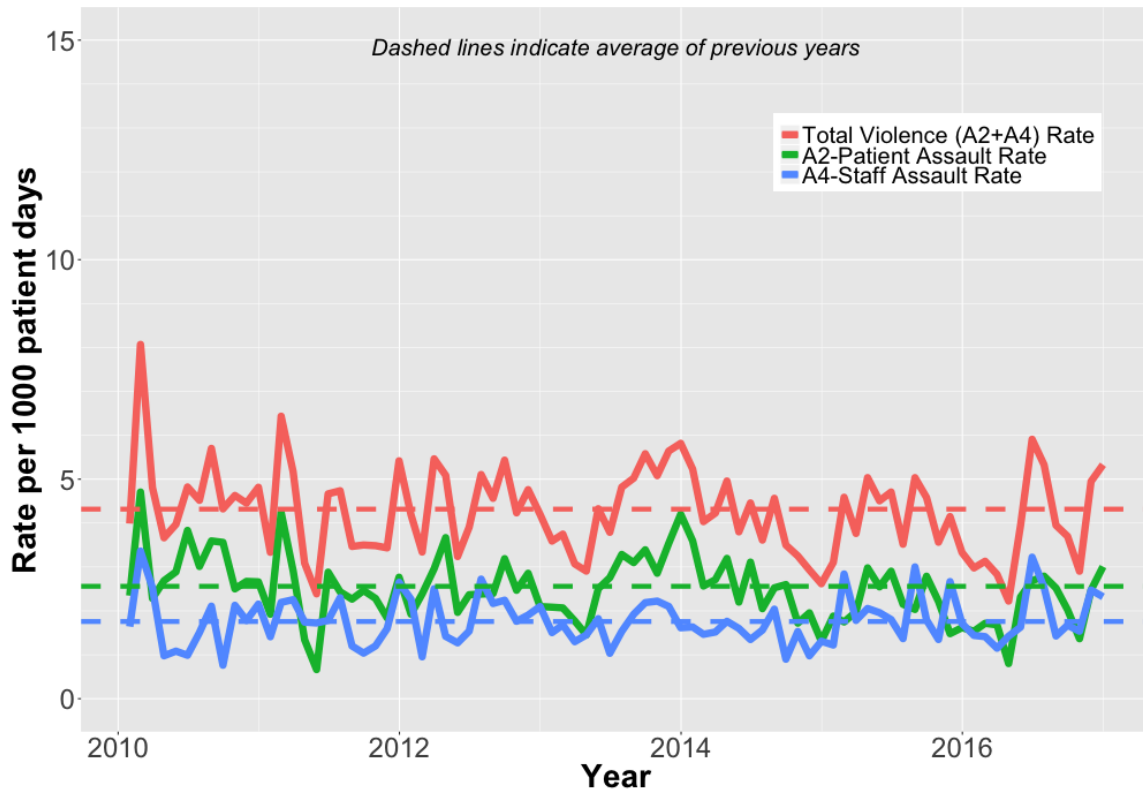


Table 54
DSH-Napa IST Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	2.347	1.643	3.99
2	2/28/2010	4.707	3.362	8.069
3	3/31/2010	2.284	2.525	4.809
4	4/30/2010	2.688	0.977	3.665
5	5/31/2010	2.888	1.083	3.972

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
6	6/30/2010	3.833	0.989	4.822
7	7/31/2010	3.012	1.506	4.519
8	8/31/2010	3.594	2.107	5.701
9	9/30/2010	3.561	0.763	4.323
10	10/31/2010	2.502	2.127	4.629
11	11/30/2010	2.672	1.781	4.453
12	12/31/2010	2.661	2.154	4.816
13	1/31/2011	1.924	1.411	3.335
14	2/28/2011	4.24	2.193	6.434
15	3/31/2011	2.919	2.256	5.174
16	4/30/2011	1.341	1.743	3.084
17	5/31/2011	0.663	1.725	2.388
18	6/30/2011	2.882	1.784	4.666
19	7/31/2011	2.436	2.3	4.736
20	8/31/2011	2.268	1.2	3.468
21	9/30/2011	2.464	1.037	3.501
22	10/31/2011	2.283	1.202	3.485
23	11/30/2011	1.84	1.595	3.435
24	12/31/2011	2.767	2.651	5.418
25	1/31/2012	1.925	2.264	4.189
26	2/29/2012	2.386	0.955	3.341
27	3/31/2012	2.959	2.504	5.463
28	4/30/2012	3.668	1.42	5.088
29	5/31/2012	1.966	1.272	3.238
30	6/30/2012	2.368	1.539	3.907
31	7/31/2012	2.383	2.723	5.106
32	8/31/2012	2.396	2.168	4.565
33	9/30/2012	3.189	2.244	5.433
34	10/31/2012	2.47	1.764	4.234
35	11/30/2012	2.856	1.904	4.761
36	12/31/2012	2.099	2.099	4.198
37	1/31/2013	2.085	1.506	3.59
38	2/28/2013	2.068	1.68	3.748
39	3/31/2013	1.771	1.299	3.07
40	4/30/2013	1.453	1.453	2.906
41	5/31/2013	2.505	1.822	4.327
42	6/30/2013	2.757	1.034	3.79

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
43	7/31/2013	3.286	1.533	4.819
44	8/31/2013	3.1	1.924	5.024
45	9/30/2013	3.391	2.188	5.579
46	10/31/2013	2.858	2.223	5.08
47	11/30/2013	3.539	2.102	5.641
48	12/31/2013	4.201	1.616	5.816
49	1/31/2014	3.595	1.634	5.229
50	2/28/2014	2.567	1.467	4.033
51	3/31/2014	2.711	1.518	4.229
52	4/30/2014	3.195	1.763	4.958
53	5/31/2014	2.2	1.6	3.801
54	6/30/2014	3.11	1.348	4.458
55	7/31/2014	2.051	1.562	3.613
56	8/31/2014	2.525	2.039	4.564
57	9/30/2014	2.6	0.9	3.5
58	10/31/2014	1.721	1.53	3.251
59	11/30/2014	1.955	0.977	2.932
60	12/31/2014	1.309	1.309	2.619
61	1/31/2015	1.881	1.223	3.104
62	2/28/2015	1.748	2.84	4.588
63	3/31/2015	1.981	1.783	3.764
64	4/30/2015	2.98	2.055	5.035
65	5/31/2015	2.548	1.96	4.507
66	6/30/2015	2.904	1.803	4.707
67	7/31/2015	2.15	1.368	3.519
68	8/31/2015	2.033	3.001	5.034
69	9/30/2015	2.789	1.793	4.582
70	10/31/2015	2.216	1.349	3.565
71	11/30/2015	1.481	2.666	4.148
72	12/31/2015	1.618	1.713	3.331
73	1/31/2016	1.537	1.441	2.978
74	2/29/2016	1.717	1.414	3.131
75	3/31/2016	1.681	1.15	2.832
76	4/30/2016	0.801	1.423	2.224
77	5/31/2016	2.316	1.63	3.946
78	6/30/2016	2.686	3.223	5.909
79	7/31/2016	2.791	2.537	5.328

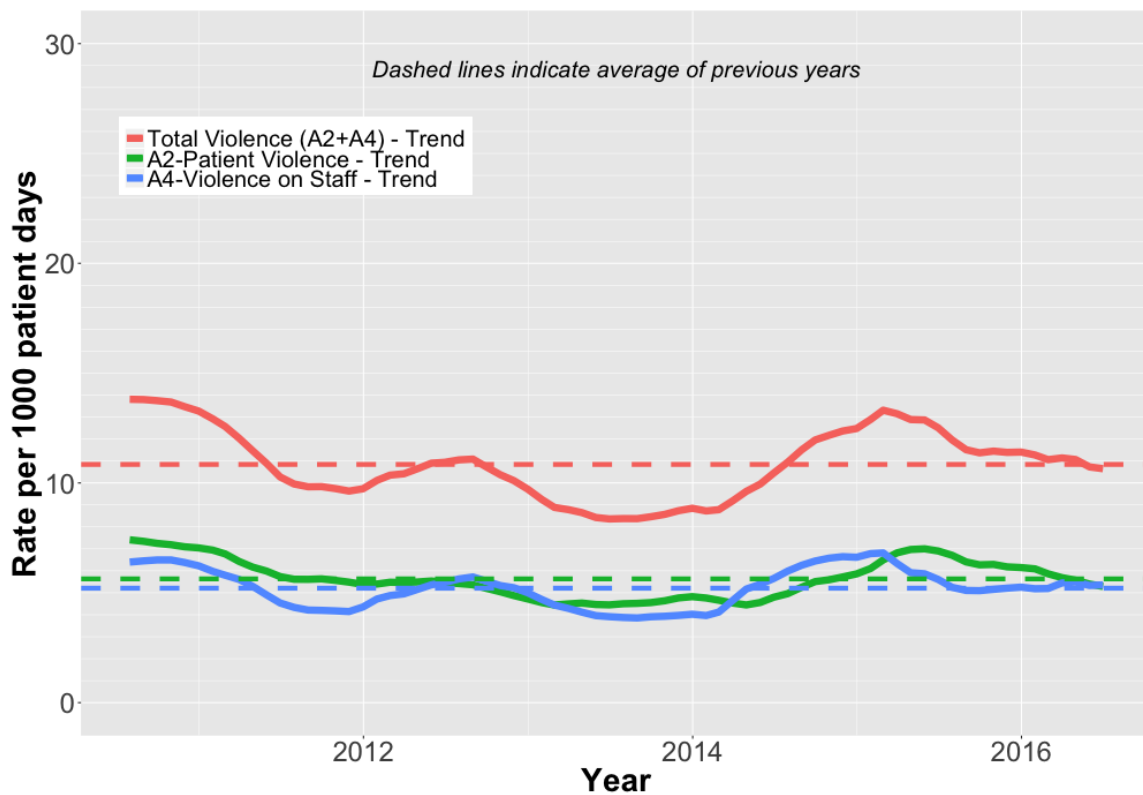
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
80	8/31/2016	2.521	1.429	3.95
81	9/30/2016	2.025	1.673	3.698
82	10/31/2016	1.366	1.537	2.904
83	11/30/2016	2.475	2.475	4.949
84	12/31/2016	3.009	2.321	5.33

DSH-Napa LPS's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 82
Trends of Monthly Rates of Violence for LPS's at DSH-Napa



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 83
Monthly Rates of Violence for LPS's at DSH-Napa

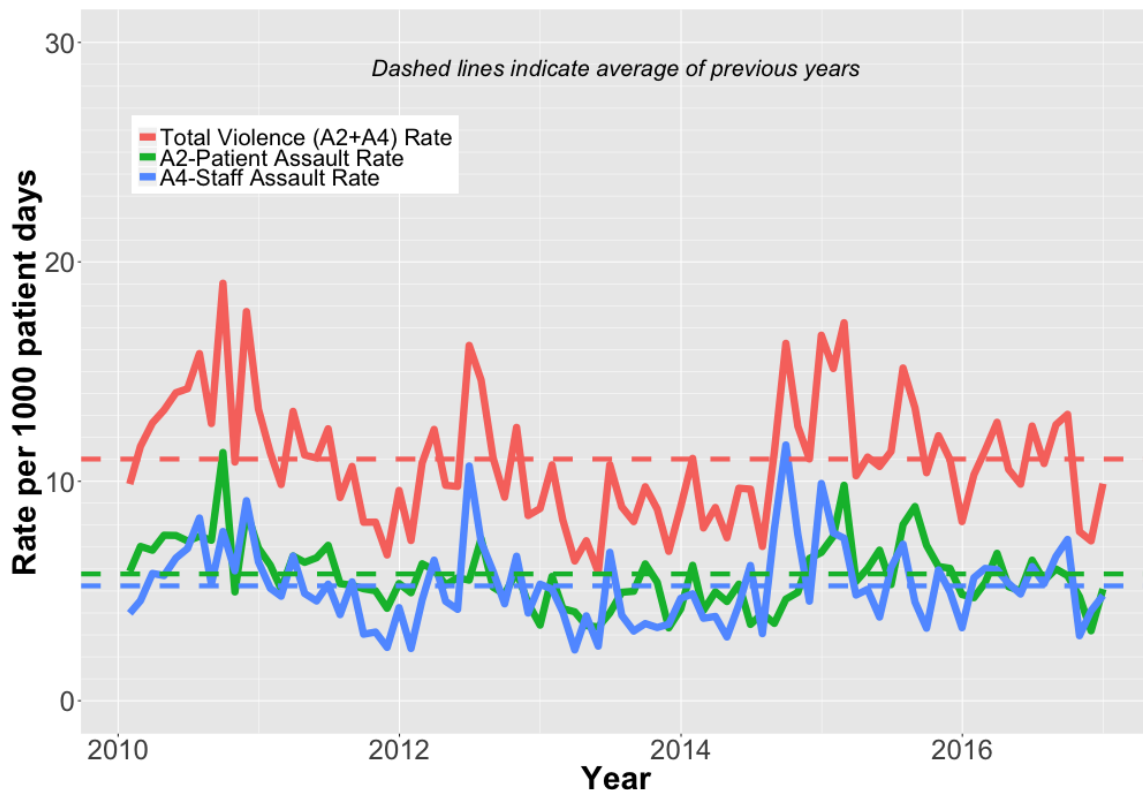


Table 55
DSH-Napa LPS Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	5.889	3.984	9.874
2	2/28/2010	7.032	4.561	11.593
3	3/31/2010	6.858	5.803	12.66
4	4/30/2010	7.542	5.703	13.245
5	5/31/2010	7.532	6.505	14.036
6	6/30/2010	7.283	6.936	14.219

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	7/31/2010	7.494	8.326	15.82
8	8/31/2010	7.314	5.319	12.633
9	9/30/2010	11.313	7.713	19.026
10	10/31/2010	4.959	5.919	10.878
11	11/30/2010	8.619	9.117	17.736
12	12/31/2010	6.96	6.327	13.287
13	1/31/2011	6.176	5.121	11.297
14	2/28/2011	5.09	4.762	9.852
15	3/31/2011	6.594	6.594	13.187
16	4/30/2011	6.307	4.888	11.195
17	5/31/2011	6.516	4.546	11.062
18	6/30/2011	7.082	5.311	12.393
19	7/31/2011	5.337	3.924	9.261
20	8/31/2011	5.262	5.416	10.678
21	9/30/2011	5.104	3.03	8.134
22	10/31/2011	5.009	3.131	8.14
23	11/30/2011	4.213	2.43	6.643
24	12/31/2011	5.342	4.242	9.584
25	1/31/2012	4.921	2.381	7.302
26	2/29/2012	6.241	4.598	10.839
27	3/31/2012	5.959	6.405	12.364
28	4/30/2012	5.286	4.531	9.817
29	5/31/2012	5.601	4.165	9.766
30	6/30/2012	5.497	10.697	16.194
31	7/31/2012	7.378	7.236	14.614
32	8/31/2012	5.175	5.893	11.068
33	9/30/2012	4.858	4.416	9.274
34	10/31/2012	5.871	6.586	12.457
35	11/30/2012	4.442	3.998	8.439
36	12/31/2012	3.446	5.312	8.758
37	1/31/2013	5.664	5.084	10.748
38	2/28/2013	4.199	4.037	8.236
39	3/31/2013	4.052	2.315	6.368
40	4/30/2013	3.423	3.869	7.292
41	5/31/2013	3.366	2.488	5.853
42	6/30/2013	3.996	6.763	10.759
43	7/31/2013	4.942	3.894	8.836

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	8/31/2013	4.989	3.175	8.163
45	9/30/2013	6.235	3.517	9.752
46	10/31/2013	5.4	3.335	8.736
47	11/30/2013	3.321	3.487	6.807
48	12/31/2013	4.181	4.663	8.844
49	1/31/2014	6.172	4.873	11.044
50	2/28/2014	4.116	3.758	7.874
51	3/31/2014	4.964	3.843	8.807
52	4/30/2014	4.521	2.907	7.428
53	5/31/2014	5.312	4.375	9.688
54	6/30/2014	3.478	6.165	9.643
55	7/31/2014	3.974	3.057	7.03
56	8/31/2014	3.525	7.817	11.343
57	9/30/2014	4.63	11.656	16.286
58	10/31/2014	4.94	7.564	12.504
59	11/30/2014	6.482	4.537	11.019
60	12/31/2014	6.758	9.901	16.659
61	1/31/2015	7.492	7.648	15.14
62	2/28/2015	9.819	7.407	17.227
63	3/31/2015	5.437	4.816	10.253
64	4/30/2015	6.029	5.077	11.106
65	5/31/2015	6.863	3.813	10.676
66	6/30/2015	5.293	6.071	11.364
67	7/31/2015	8.027	7.135	15.163
68	8/31/2015	8.851	4.5	13.351
69	9/30/2015	7.084	3.306	10.39
70	10/31/2015	6.116	5.963	12.08
71	11/30/2015	6.033	4.95	10.984
72	12/31/2015	4.838	3.326	8.164
73	1/31/2016	4.696	5.605	10.301
74	2/29/2016	5.379	6.031	11.41
75	3/31/2016	6.717	5.971	12.688
76	4/30/2016	5.196	5.344	10.54
77	5/31/2016	5.006	4.863	9.87
78	6/30/2016	6.406	6.114	12.52
79	7/31/2016	5.475	5.335	10.81
80	8/31/2016	6.004	6.576	12.58

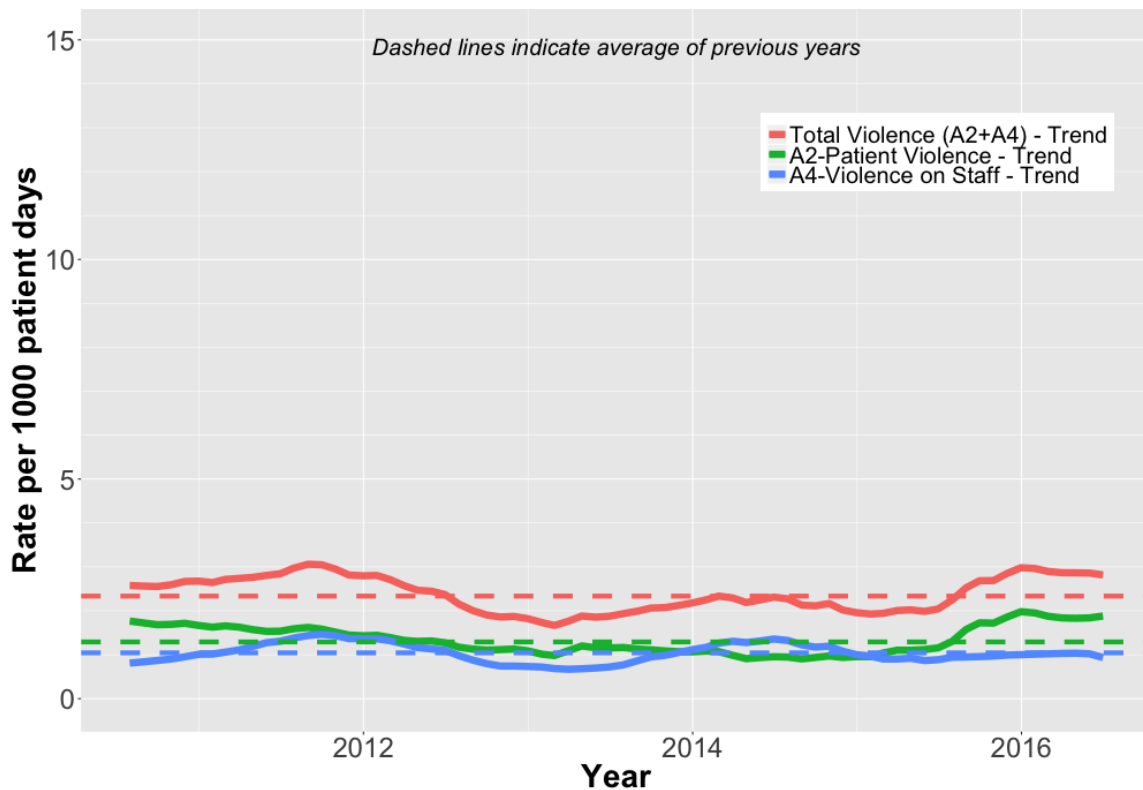
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	9/30/2016	5.701	7.351	13.051
82	10/31/2016	4.741	2.963	7.705
83	11/30/2016	3.187	4.098	7.285
84	12/31/2016	5.092	4.801	9.892

DSH-Napa MDO's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 84
Trends of Monthly Rates of Violence for MDO's at DSH-Napa



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 85
Monthly Rates of Violence for MDO's at DSH-Napa

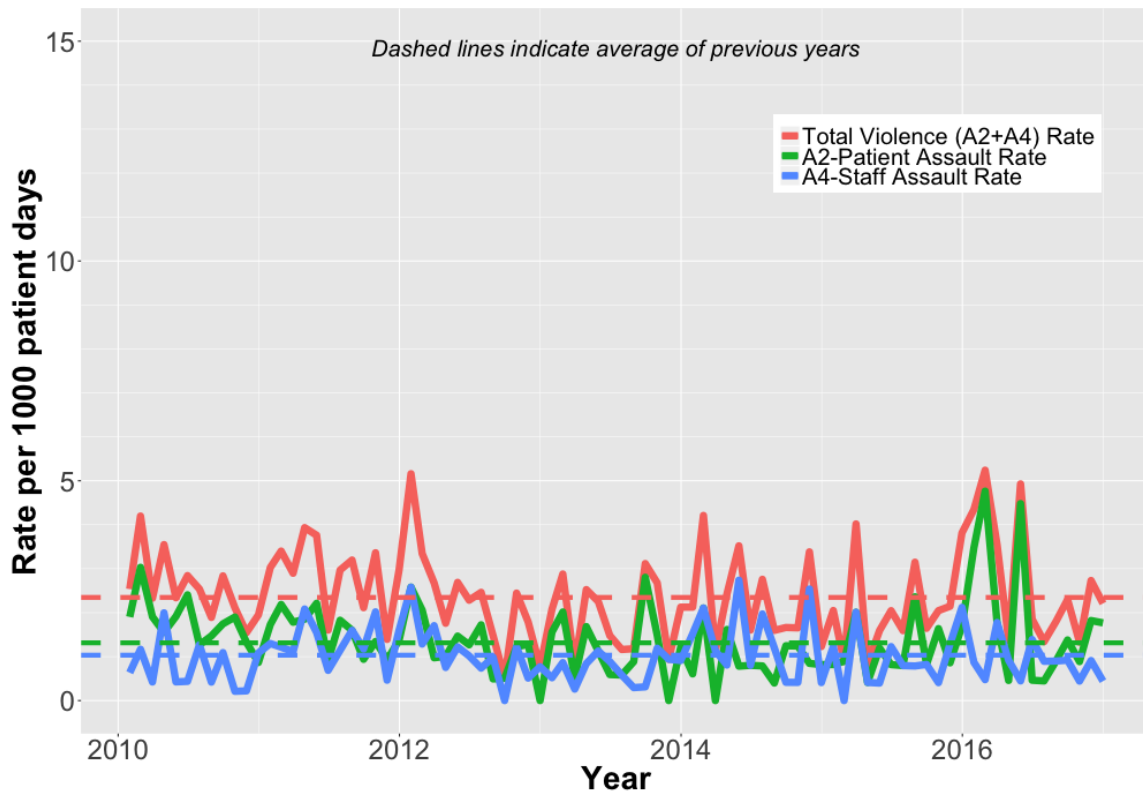


Table 56
DSH-Napa MDO Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.902	0.634	2.536
2	2/28/2010	3.031	1.166	4.197
3	3/31/2010	1.906	0.423	2.329
4	4/30/2010	1.552	1.996	3.548
5	5/31/2010	1.914	0.425	2.339
6	6/30/2010	2.405	0.437	2.843

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	7/31/2010	1.268	1.268	2.537
8	8/31/2010	1.471	0.42	1.892
9	9/30/2010	1.746	1.091	2.837
10	10/31/2010	1.9	0.211	2.111
11	11/30/2010	1.325	0.221	1.546
12	12/31/2010	0.867	1.083	1.95
13	1/31/2011	1.73	1.298	3.028
14	2/28/2011	2.186	1.214	3.401
15	3/31/2011	1.783	1.114	2.897
16	4/30/2011	1.851	2.083	3.934
17	5/31/2011	2.212	1.549	3.761
18	6/30/2011	0.917	0.687	1.604
19	7/31/2011	1.827	1.142	2.969
20	8/31/2011	1.599	1.599	3.197
21	9/30/2011	0.939	1.174	2.114
22	10/31/2011	1.345	2.017	3.362
23	11/30/2011	0.928	0.464	1.392
24	12/31/2011	1.369	1.597	2.966
25	1/31/2012	2.58	2.58	5.159
26	2/29/2012	2.058	1.286	3.344
27	3/31/2012	0.974	1.704	2.678
28	4/30/2012	1.005	0.754	1.759
29	5/31/2012	1.467	1.222	2.689
30	6/30/2012	1.269	1.015	2.284
31	7/31/2012	1.723	0.739	2.462
32	8/31/2012	0.492	0.984	1.476
33	9/30/2012	0.507	0	0.507
34	10/31/2012	1.222	1.222	2.444
35	11/30/2012	1.279	0.512	1.791
36	12/31/2012	0	0.769	0.769
37	1/31/2013	1.56	0.52	2.08
38	2/28/2013	2.015	0.864	2.879
39	3/31/2013	0.523	0.261	0.784
40	4/30/2013	1.683	0.842	2.525
41	5/31/2013	1.127	1.127	2.254
42	6/30/2013	0.592	0.887	1.479
43	7/31/2013	0.581	0.581	1.162

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	8/31/2013	0.884	0.295	1.179
45	9/30/2013	2.805	0.312	3.116
46	10/31/2013	1.488	1.19	2.678
47	11/30/2013	0	0.938	0.938
48	12/31/2013	1.214	0.911	2.125
49	1/31/2014	0.607	1.518	2.126
50	2/28/2014	2.105	2.105	4.211
51	3/31/2014	0	1.131	1.131
52	4/30/2014	1.617	0.808	2.425
53	5/31/2014	0.782	2.738	3.52
54	6/30/2014	0.802	0.802	1.604
55	7/31/2014	0.788	1.97	2.758
56	8/31/2014	0.399	1.198	1.597
57	9/30/2014	1.247	0.416	1.663
58	10/31/2014	1.241	0.414	1.654
59	11/30/2014	0.846	2.537	3.383
60	12/31/2014	0.819	0.41	1.229
61	1/31/2015	0.819	1.229	2.048
62	2/28/2015	0.893	0	0.893
63	3/31/2015	2.009	2.009	4.018
64	4/30/2015	0.413	0.413	0.825
65	5/31/2015	1.195	0.398	1.593
66	6/30/2015	0.818	1.227	2.045
67	7/31/2015	0.796	0.796	1.591
68	8/31/2015	2.36	0.787	3.147
69	9/30/2015	0.822	0.822	1.644
70	10/31/2015	1.637	0.409	2.046
71	11/30/2015	0.858	1.288	2.146
72	12/31/2015	1.696	2.12	3.815
73	1/31/2016	3.478	0.87	4.348
74	2/29/2016	4.764	0.476	5.241
75	3/31/2016	1.775	1.775	3.551
76	4/30/2016	0.458	0.916	1.374
77	5/31/2016	4.48	0.448	4.928
78	6/30/2016	0.463	1.389	1.852
79	7/31/2016	0.447	0.894	1.34
80	8/31/2016	0.9	0.9	1.799

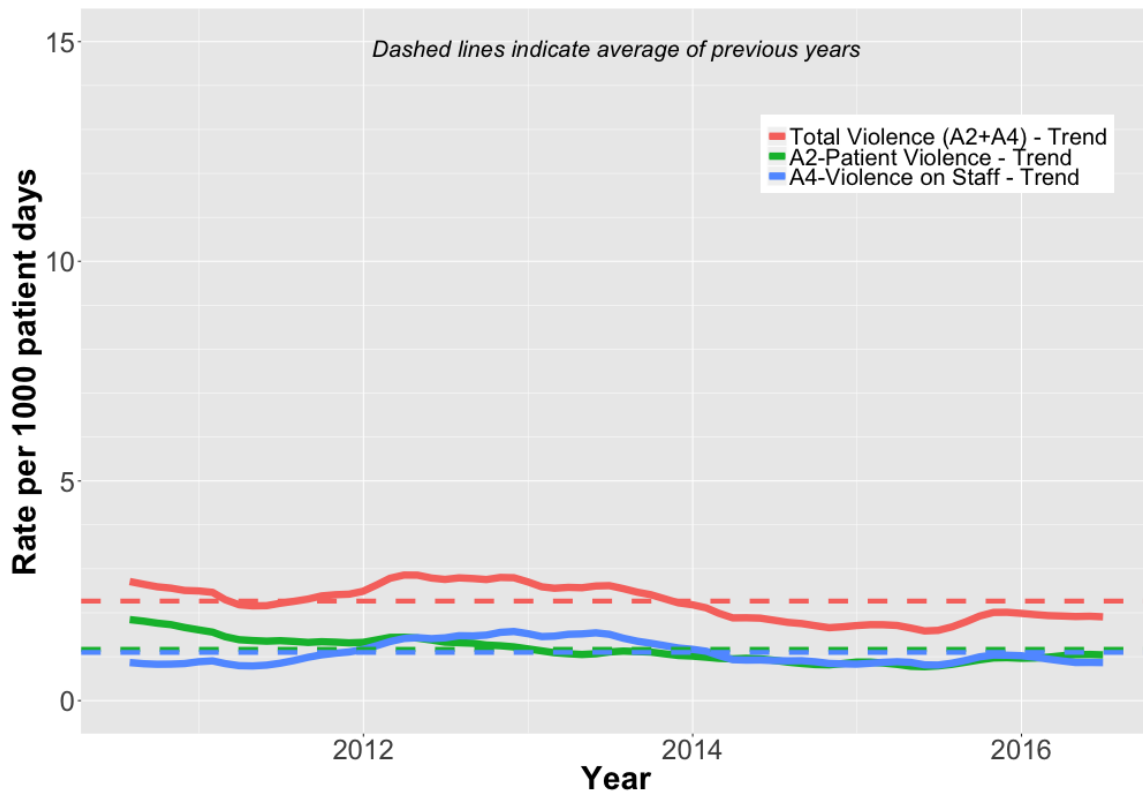
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	9/30/2016	1.379	0.919	2.298
82	10/31/2016	0.887	0.443	1.33
83	11/30/2016	1.821	0.91	2.731
84	12/31/2016	1.768	0.442	2.209

DSH-Napa NGRI's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 86
Trends of Monthly Rates of Violence for NGRI's at DSH-Napa



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 87
Monthly Rates of Violence for NGRI's at DSH-Napa

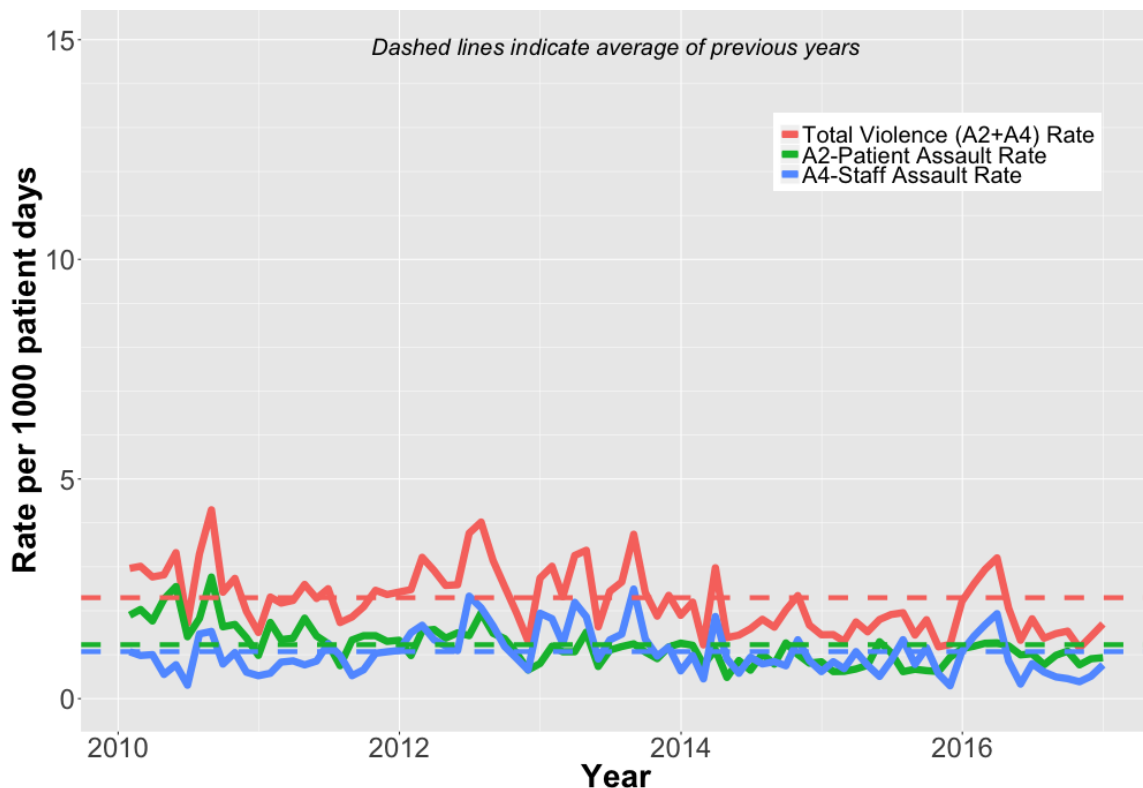


Table 57
DSH-Napa NGRI Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.898	1.068	2.966
2	2/28/2010	2.03	0.982	3.012
3	3/31/2010	1.768	1.002	2.771
4	4/30/2010	2.267	0.551	2.819
5	5/31/2010	2.551	0.771	3.322
6	6/30/2010	1.41	0.307	1.717

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	7/31/2010	1.825	1.472	3.297
8	8/31/2010	2.767	1.531	4.298
9	9/30/2010	1.636	0.787	2.423
10	10/31/2010	1.689	1.048	2.738
11	11/30/2010	1.385	0.602	1.987
12	12/31/2010	0.985	0.521	1.507
13	1/31/2011	1.734	0.578	2.312
14	2/28/2011	1.343	0.832	2.175
15	3/31/2011	1.376	0.86	2.236
16	4/30/2011	1.832	0.768	2.6
17	5/31/2011	1.426	0.856	2.281
18	6/30/2011	1.251	1.251	2.502
19	7/31/2011	0.751	0.982	1.732
20	8/31/2011	1.336	0.523	1.858
21	9/30/2011	1.433	0.657	2.09
22	10/31/2011	1.434	1.032	2.466
23	11/30/2011	1.303	1.066	2.37
24	12/31/2011	1.329	1.098	2.426
25	1/31/2012	0.981	1.501	2.482
26	2/29/2012	1.546	1.67	3.216
27	3/31/2012	1.575	1.341	2.916
28	4/30/2012	1.378	1.199	2.577
29	5/31/2012	1.498	1.094	2.592
30	6/30/2012	1.435	2.332	3.767
31	7/31/2012	1.952	2.067	4.019
32	8/31/2012	1.486	1.658	3.144
33	9/30/2012	1.365	1.187	2.553
34	10/31/2012	1.033	0.918	1.951
35	11/30/2012	0.653	0.653	1.306
36	12/31/2012	0.801	1.944	2.745
37	1/31/2013	1.194	1.819	3.013
38	2/28/2013	1.067	1.255	2.322
39	3/31/2013	1.068	2.192	3.26
40	4/30/2013	1.514	1.863	3.377
41	5/31/2013	0.733	0.902	1.635
42	6/30/2013	1.104	1.337	2.441
43	7/31/2013	1.186	1.469	2.655

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	8/31/2013	1.247	2.494	3.741
45	9/30/2013	1.062	1.357	2.419
46	10/31/2013	0.911	0.968	1.879
47	11/30/2013	1.175	1.175	2.351
48	12/31/2013	1.264	0.632	1.896
49	1/31/2014	1.214	0.983	2.197
50	2/28/2014	0.773	0.451	1.224
51	3/31/2014	1.11	1.869	2.978
52	4/30/2014	0.483	0.906	1.389
53	5/31/2014	0.867	0.578	1.445
54	6/30/2014	0.648	0.943	1.591
55	7/31/2014	1.016	0.79	1.806
56	8/31/2014	0.786	0.842	1.628
57	9/30/2014	1.267	0.749	2.016
58	10/31/2014	1.005	1.34	2.345
59	11/30/2014	0.808	0.866	1.675
60	12/31/2014	0.839	0.615	1.455
61	1/31/2015	0.617	0.841	1.458
62	2/28/2015	0.621	0.683	1.303
63	3/31/2015	0.676	1.07	1.745
64	4/30/2015	0.761	0.761	1.521
65	5/31/2015	1.294	0.506	1.801
66	6/30/2015	1.045	0.871	1.915
67	7/31/2015	0.615	1.341	1.956
68	8/31/2015	0.669	0.78	1.449
69	9/30/2015	0.637	1.159	1.796
70	10/31/2015	0.618	0.561	1.179
71	11/30/2015	0.939	0.293	1.233
72	12/31/2015	1.136	1.08	2.216
73	1/31/2016	1.193	1.421	2.614
74	2/29/2016	1.261	1.682	2.943
75	3/31/2016	1.27	1.933	3.204
76	4/30/2016	1.201	0.858	2.06
77	5/31/2016	0.996	0.332	1.329
78	6/30/2016	1.022	0.795	1.817
79	7/31/2016	0.771	0.606	1.377
80	8/31/2016	0.987	0.494	1.481

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	9/30/2016	1.081	0.455	1.537
82	10/31/2016	0.769	0.385	1.154
83	11/30/2016	0.908	0.511	1.419
84	12/31/2016	0.933	0.768	1.701

DSH-Patton

This section reviews and then further extends information presented earlier in this report.

In the first section, the overall hospital population, given as Average Daily Census (ADC) is given for each month during 2010-2016, broken down by legal class.

In the second section, the yearly rates of violence presented earlier are reviewed, and then in the following sections, the monthly rates of violence and trend of violence is given.

In the remaining sections, the rates of violence by each individual legal class in the hospital is given, for the major groups at each hospital (i.e., IST's, NGRP's, MDO's, LPS, and SVP's). When a given legal class numbers less than 20 at a hospital (typically DJJ or MDSO's), the overall data is not presented, as the numbers are too small to draw conclusions about that legal class (i.e., acts of violence are more related to an individual patient or just a few patients than to the legal class as a whole).

Table 58
DSH-Patton Monthly ADC, By Legal Commitment

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
1	1/31/2010	3	497.68	105.17	393.74	14.68	539.97	23.71	1	1,578.95
2	2/28/2010	3.07	502.75	103.86	396.89	13.36	541.4	21.36	1	1,584
3	3/31/2010	2.71	493.2	105.65	396.97	13	545.35	22.1	1	1,579.98
4	4/30/2010	3	499.57	105.17	399.23	13	545.63	26.9	1	1,593.50
5	5/31/2010	3	490.91	103.23	402.03	13	546.55	28.03	1	1,587.75
6	6/30/2010	2.07	487.1	103.37	404.3	13	547.93	26	1	1,584.77
7	7/31/2010	3.13	475.98	103.1	405	13	550.9	27.65	1	1,579.76
8	8/31/2010	3.03	474.94	101.1	405.97	13	552.71	27.94	1	1,579.69
9	9/30/2010	3	470.93	98.44	402.03	13	553.53	26.83	1	1,568.76
10	10/31/2010	3.48	461	101.61	400.03	13	557.38	22.45	1	1,559.95
11	11/30/2010	2.73	455.74	102.17	397.27	14.03	560.53	20.1	1	1,553.57
12	12/31/2010	2	450.22	100.68	400.32	15	563.06	20.97	1	1,553.25
13	1/31/2011	2	455.61	98.16	402.07	15	568.03	17.84	1	1,559.71
14	2/28/2011	2	451.37	98.36	401.6	15	562.32	15.32	1	1,546.97
15	3/31/2011	2	432.58	98.26	402.26	15	562.13	13.74	1	1,526.97
16	4/30/2011	2.87	432.96	95.73	397.53	15	560.54	16.83	1	1,522.46
17	5/31/2011	2.03	459.77	93.42	395.36	14.1	557.87	15.81	1	1,539.36
18	6/30/2011	2.2	458.87	96.06	392.07	14	559.2	13.5	1	1,536.90
19	7/31/2011	3.87	467.51	97.74	391.45	14	560.23	16.71	1	1,552.51
20	8/31/2011	3	460.77	97.23	394.78	14.45	560.75	17.68	1	1,549.66
21	9/30/2011	3.13	460.49	100.1	396.17	14.67	559.93	22.2	1	1,557.69
22	10/31/2011	3.61	457.87	101.26	394.58	14	562.9	23.06	1	1,558.28
23	11/30/2011	3	453	103.4	392.4	14	569.56	20.2	1	1,556.56
24	12/31/2011	3	452.65	104.81	391.9	14	565.87	21.48	1	1,554.71
25	1/31/2012	3	452.84	105.06	393.55	14	566.04	17.61	1	1,553.10
26	2/29/2012	3.76	465.83	105.51	392.82	14	562.38	15.83	1	1,561.13
27	3/31/2012	3.23	468.2	107.27	387.22	14	560.84	11.84	1	1,553.60
28	4/30/2012	2.67	479.13	109.53	384.97	14	556.4	9.8	1	1,557.50
29	5/31/2012	3	481.29	110.49	383.55	14	557.29	8.65	1	1,559.27
30	6/30/2012	2.8	480.37	111.33	382.01	14	559.86	11.6	1	1,562.97
31	7/31/2012	2	482.04	113.87	382.17	14	558.87	11.42	1	1,565.37
32	8/31/2012	2	486.42	114.83	382.77	13.29	557.93	8.39	1	1,566.63
33	9/30/2012	1.87	487.17	114.67	382.6	13	562.57	7.2	1	1,570.08
34	10/31/2012	1	490.19	113.1	379.78	13	565.77	6.55	1	1,570.39
35	11/30/2012	1	481.47	114.77	381.03	13	565.9	6	1	1,564.17
36	12/31/2012	1.94	478.35	115.71	380.39	13	566.75	5.16	1.06	1,562.36
37	1/31/2013	2.94	486.81	117.39	379.42	13	567.71	3.55	1	1,571.82

#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
38	2/28/2013	3	483.61	115.71	376.9	13	570.28	3	1	1,566.50
39	3/31/2013	3	481.17	113.36	377.23	13	570.81	3	1	1,562.57
40	4/30/2013	3	484.11	111.31	379.8	13	573.83	3.1	1	1,569.15
41	5/31/2013	3	483.32	112.77	379.88	13	569.42	2.42	1	1,564.81
42	6/30/2013	3.43	489.47	111.7	378.17	13	566.23	2	1	1,565.00
43	7/31/2013	3.71	495	109.83	376.62	13	563.8	2	1	1,564.96
44	8/31/2013	3	489.71	109.26	378.39	13	567.42	2.06	1	1,563.84
45	9/30/2013	3	477.89	109.13	382.1	12.7	569.6	2.17	1	1,557.59
46	10/31/2013	3	474.9	108	378.77	12	576.91	2.03	1	1,556.61
47	11/30/2013	3	479.67	106.54	372.06	12	574.96	2	1	1,551.23
48	12/31/2013	3	482.12	104.16	371.35	12	572.38	2	1	1,548.01
49	1/31/2014	3	482.03	103.2	373.2	12	573.23	2.06	1	1,549.72
50	2/28/2014	3	485.53	102.36	375.36	12	573.57	2	1	1,554.82
51	3/31/2014	3.68	494.59	105.23	368.71	12	575.29	2	1	1,562.50
52	4/30/2014	3.73	506.23	106.07	357.26	12	578.34	2	1	1,566.63
53	5/31/2014	3.13	506.88	105.48	355.55	12	579.42	2.06	1	1,565.52
54	6/30/2014	3	515.93	102.03	342.37	12	576.1	2	1	1,554.43
55	7/31/2014	3.94	525.53	102.23	335.36	12	574.2	2.06	1	1,556.32
56	8/31/2014	4	522.39	104.68	330.68	12	573.26	2	1	1,550.01
57	9/30/2014	3.47	527.63	106.34	324.6	12	574.1	2.1	1	1,551.24
58	10/31/2014	1.87	524.84	108.68	325.64	12	578.38	2	1	1,554
59	11/30/2014	1	526.61	111.27	314.43	12	577.3	2.1	1	1,545.71
60	12/31/2014	1.71	525.67	111.19	314.2	12	577.16	2	1	1,544.93
61	1/31/2015	1.45	521.3	111.62	316.39	12	580.87	2.13	1	1,546.76
62	2/28/2015	1	518.86	113.96	314.29	11.64	582.78	2.04	1	1,545.57
63	3/31/2015	1	517.45	118.64	311.91	11	584.29	2	1	1,547.29
64	4/30/2015	1	527.23	118.76	307.47	10.33	581.47	2.2	1	1,549.46
65	5/31/2015	1.84	545.45	117.81	296.29	7.1	581.16	2.1	1	1,552.75
66	6/30/2015	1.03	552.46	118.1	286.9	7	584.64	2.1	1	1,553.23
67	7/31/2015	1	561.97	117.13	283.55	7	582.22	2.03	1	1,555.90
68	8/31/2015	1.9	564.49	113.67	283.1	7	579.19	2.03	1	1,552.38
69	9/30/2015	1.23	566.29	113.53	284.57	7	578.9	2.17	1	1,554.69
70	10/31/2015	1	568.78	114.65	285.54	7	571.61	2.1	1	1,551.68
71	11/30/2015	1	572.17	116.77	282.6	7	572.9	2.1	1	1,555.54
72	12/31/2015	1	575.58	118.42	282.68	7	575.13	2	1	1,562.81
73	1/31/2016	1	576.38	120.48	283.17	6.84	576	2.06	1	1,566.93
74	2/29/2016	1	573.65	123.38	281.52	6	574.79	2	1	1,563.34
75	3/31/2016	1.26	587.97	120.19	280.13	6	572.42	1.42	1	1,570.39
76	4/30/2016	2	590.27	121.13	279.5	6	570.23	0	1	1,570.13

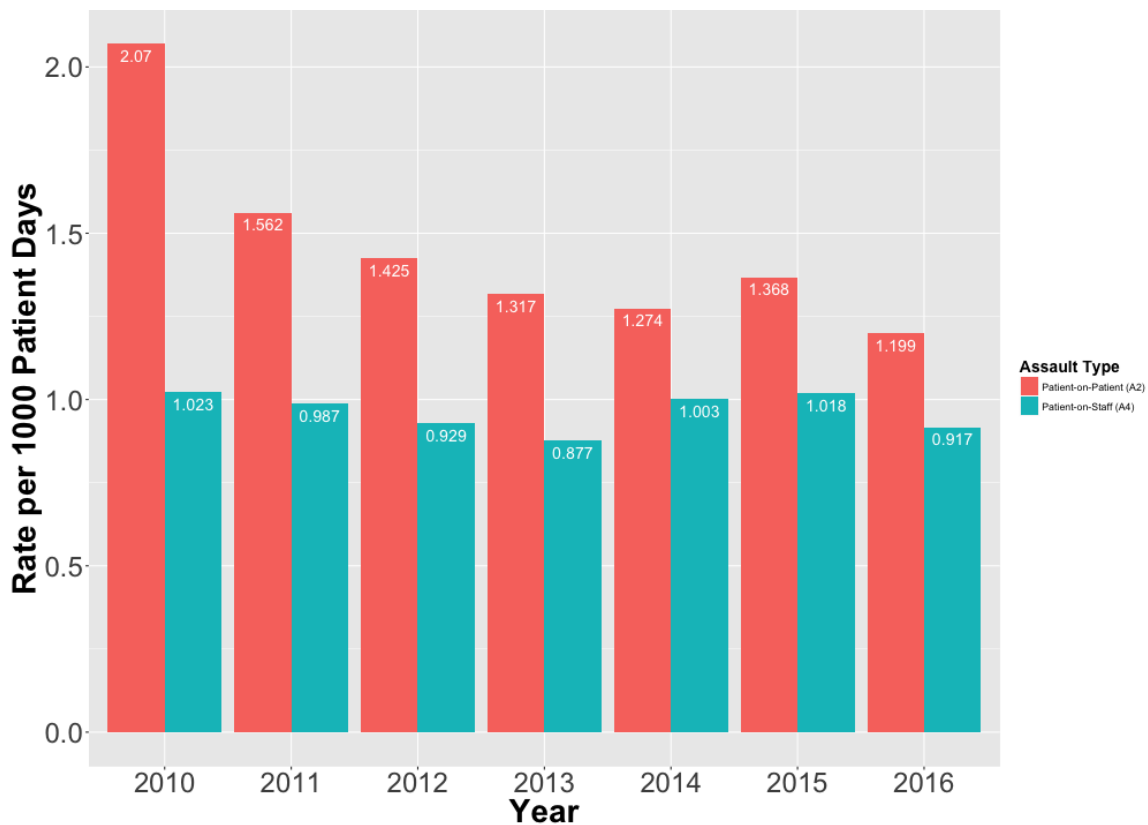
#	DATE	DJJ	IST	LPS	MDO	MDSO	NGRI	PC2684	SVP	TOTAL POP.
77	5/31/2016	2	591.52	117.22	281.38	6	569.55	0	1	1,568.67
78	6/30/2016	1.27	591.13	114.63	282.83	6	572.03	0.03	1	1,568.92
79	7/31/2016	2	588.74	114.2	280.75	6	571.04	0	1	1,563.73
80	8/31/2016	2	589.68	114.86	279.55	6	570.13	0.1	1	1,563.32
81	9/30/2016	2	585.84	115.1	280.17	6	570.47	0.07	1	1,560.65
82	10/31/2016	2	594.97	111.29	278.09	6	565.58	0	1	1,558.93
83	11/30/2016	2.03	596.87	105.73	276.16	6	565.6	0	1	1,553.39

As can be seen the number of DJJ, MDSO, PC2684, and SVP patients were too few to allow conclusions to be drawn about violence trends, and so will not be presented.

Rates of Violence at DSH-Patton

Yearly Rates

Figure 16
Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Patton



- Overall, the **number** of patient assaults decreased 11.5% over the 2015 total, while the **number** of staff assaults decreased 9% from 2015.
- Coupled with a population increase (measured in “total patient days”) in 2016 of 1% the **rate** of patient on patient assault decreased 12.4% over 2015 (see Table 11), while the **rate** of patient on staff assault decreased 9% from 2015.

Table 11
DSH-Patton Yearly A2 Patient on patient assault Summary

YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1190	574959	2.07	NA
2011	882	564601	1.562	-24.5
2012	815	571765	1.425	-8.8
2013	751	570062	1.317	-7.6
2014	723	567459	1.274	-3.3
2015	775	566620	1.368	7.4
2016	686	572218	1.199	-12.4

Table 12
DSH-Patton Yearly A4 Patient on staff assault Summary

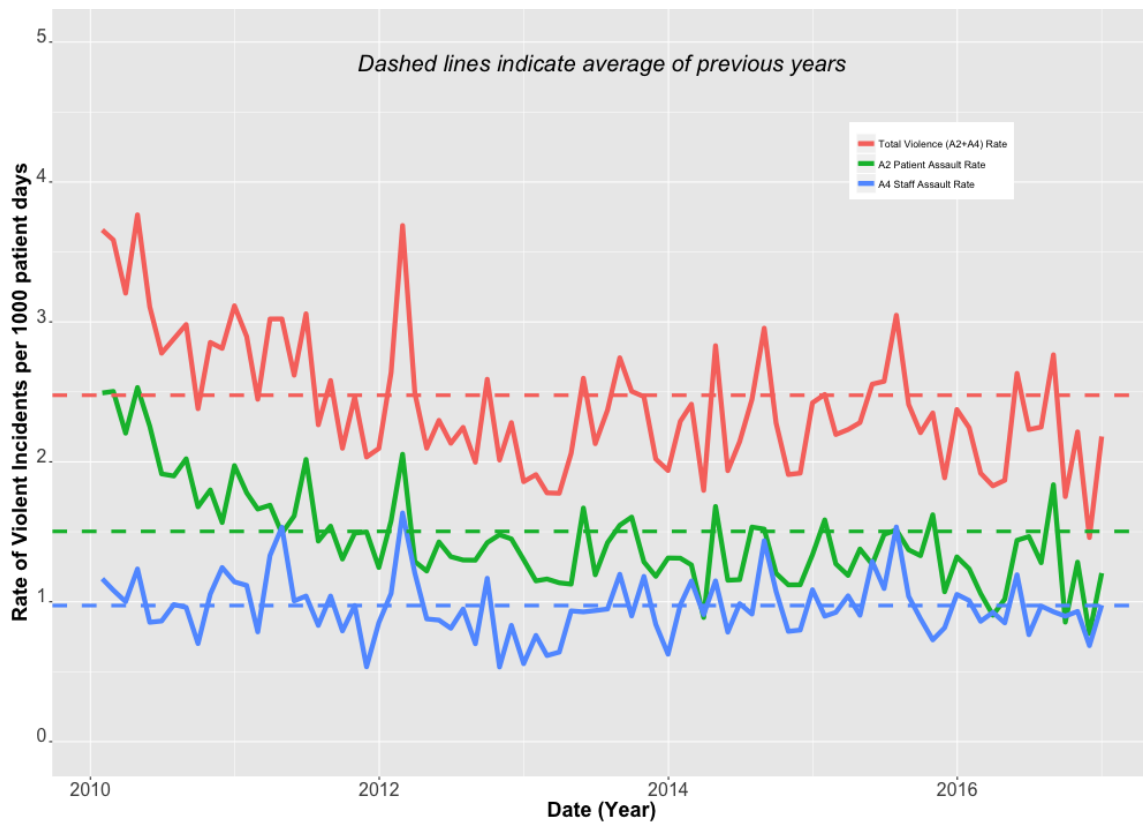
YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	588	574959	1.023	NA
2011	557	564601	0.987	-3.5
2012	531	571765	0.929	-5.9
2013	500	570062	0.877	-5.6
2014	569	567459	1.003	14.4
2015	577	566620	1.018	1.5
2016	525	572218	0.917	-9.9

Note: Increase in reported A4 assaults likely due to changes in coding that promoted greater consistency with DSH

Monthly Rates

The previous barplot showing the violence rates as an overall yearly average does not show the monthly variability in the rates that occurs regularly. Two figures are shown, the first being a plot of the violence rates on a monthly basis, and the second showing the violence rates for each month averaged over the six months before and after each month, to create a “smoothed” plot (much like you would see in a financial article, where daily results are “smoothed” to better discern trends over time).

Figure 88
DSH-Patton Monthly Rates of Violence per 1000 Patient Days



Trend of Monthly Rates

Figure 89
DSH-Patton Trends of Monthly Rates of Violence per 1000 Patient Days

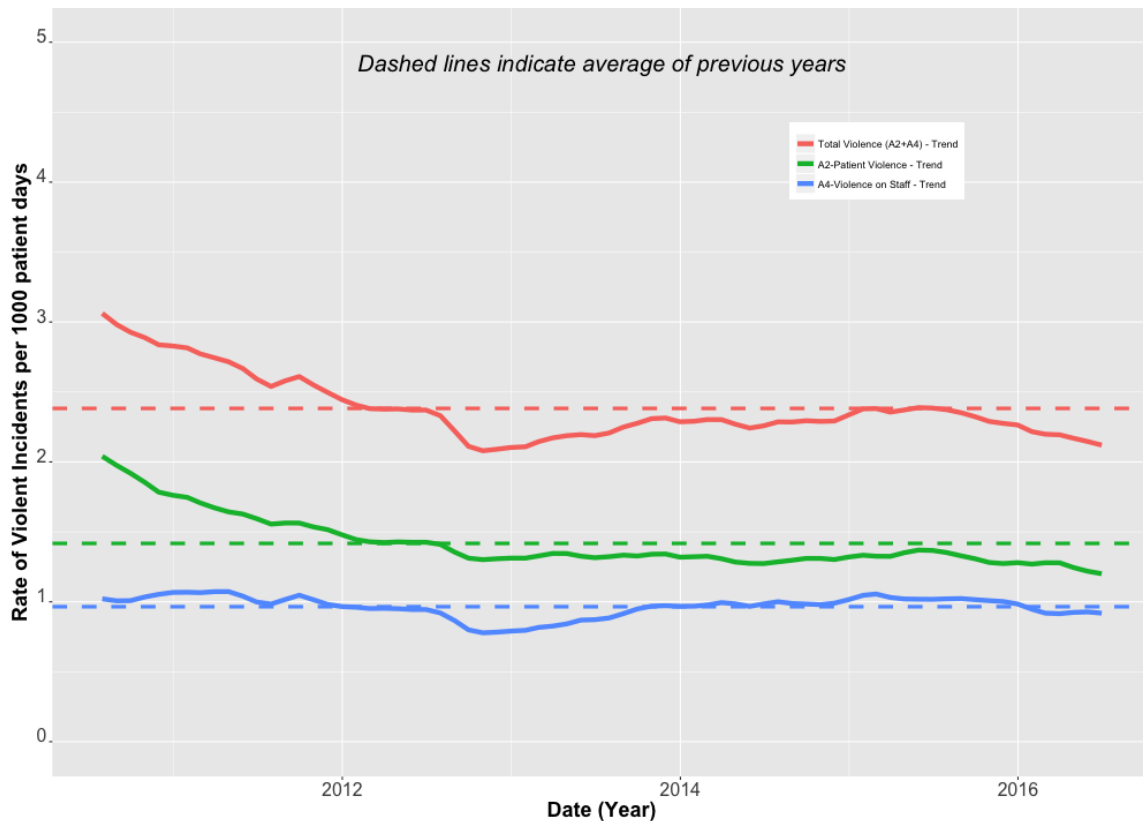


Figure 89 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Patton. The dashed lines indicate the previous years (2010-2015) average rate for each category, for comparison with 2016.

Table 59 provides a yearly summary of the year-over-year changes in the assault rates.

Table 59
DSH-Patton Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	2.492	1.165	3.657
2	2/28/2010	2.503	1.082	3.586
3	3/31/2010	2.205	1	3.205
4	4/30/2010	2.531	1.234	3.765

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
5	5/31/2010	2.255	0.853	3.108
6	6/30/2010	1.914	0.862	2.776
7	7/31/2010	1.899	0.98	2.879
8	8/31/2010	2.022	0.96	2.981
9	9/30/2010	1.679	0.701	2.38
10	10/31/2010	1.799	1.055	2.854
11	11/30/2010	1.566	1.244	2.811
12	12/31/2010	1.973	1.142	3.115
13	1/31/2011	1.779	1.117	2.895
14	2/28/2011	1.662	0.785	2.447
15	3/31/2011	1.69	1.331	3.021
16	4/30/2011	1.489	1.533	3.021
17	5/31/2011	1.614	1.006	2.619
18	6/30/2011	2.017	1.041	3.058
19	7/31/2011	1.434	0.831	2.265
20	8/31/2011	1.54	1.041	2.581
21	9/30/2011	1.305	0.792	2.097
22	10/31/2011	1.49	0.973	2.463
23	11/30/2011	1.499	0.535	2.034
24	12/31/2011	1.245	0.851	2.096
25	1/31/2012	1.579	1.059	2.638
26	2/29/2012	2.054	1.635	3.689
27	3/31/2012	1.287	1.204	2.492
28	4/30/2012	1.22	0.877	2.097
29	5/31/2012	1.427	0.869	2.296
30	6/30/2012	1.322	0.81	2.133
31	7/31/2012	1.298	0.948	2.246
32	8/31/2012	1.297	0.7	1.997
33	9/30/2012	1.422	1.168	2.59
34	10/31/2012	1.479	0.534	2.013
35	11/30/2012	1.449	0.831	2.28
36	12/31/2012	1.301	0.557	1.858
37	1/31/2013	1.149	0.759	1.909
38	2/28/2013	1.163	0.616	1.778
39	3/31/2013	1.135	0.64	1.775
40	4/30/2013	1.126	0.935	2.061
41	5/31/2013	1.67	0.928	2.597

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
42	6/30/2013	1.193	0.937	2.13
43	7/31/2013	1.422	0.948	2.37
44	8/31/2013	1.547	1.196	2.743
45	9/30/2013	1.605	0.899	2.504
46	10/31/2013	1.285	1.181	2.466
47	11/30/2013	1.182	0.838	2.02
48	12/31/2013	1.313	0.625	1.938
49	1/31/2014	1.311	0.978	2.29
50	2/28/2014	1.263	1.149	2.412
51	3/31/2014	0.888	0.908	1.796
52	4/30/2014	1.681	1.149	2.83
53	5/31/2014	1.154	0.783	1.937
54	6/30/2014	1.158	0.986	2.144
55	7/31/2014	1.534	0.912	2.446
56	8/31/2014	1.519	1.436	2.955
57	9/30/2014	1.203	1.074	2.278
58	10/31/2014	1.121	0.789	1.909
59	11/30/2014	1.121	0.798	1.919
60	12/31/2014	1.336	1.086	2.422
61	1/31/2015	1.585	0.897	2.482
62	2/28/2015	1.271	0.924	2.195
63	3/31/2015	1.188	1.042	2.231
64	4/30/2015	1.377	0.904	2.28
65	5/31/2015	1.267	1.288	2.555
66	6/30/2015	1.481	1.094	2.575
67	7/31/2015	1.513	1.534	3.048
68	8/31/2015	1.371	1.039	2.41
69	9/30/2015	1.329	0.879	2.208
70	10/31/2015	1.622	0.728	2.349
71	11/30/2015	1.071	0.814	1.886
72	12/31/2015	1.321	1.053	2.374
73	1/31/2016	1.235	1.009	2.244
74	2/29/2016	1.059	0.86	1.919
75	3/31/2016	0.904	0.924	1.828
76	4/30/2016	1.019	0.849	1.868
77	5/31/2016	1.439	1.193	2.632
78	6/30/2016	1.466	0.765	2.231

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
79	7/31/2016	1.279	0.97	2.249
80	8/31/2016	1.836	0.929	2.765
81	9/30/2016	0.854	0.897	1.751
82	10/31/2016	1.283	0.931	2.214
83	11/30/2016	0.772	0.687	1.459
84	12/31/2016	1.205	0.976	2.181

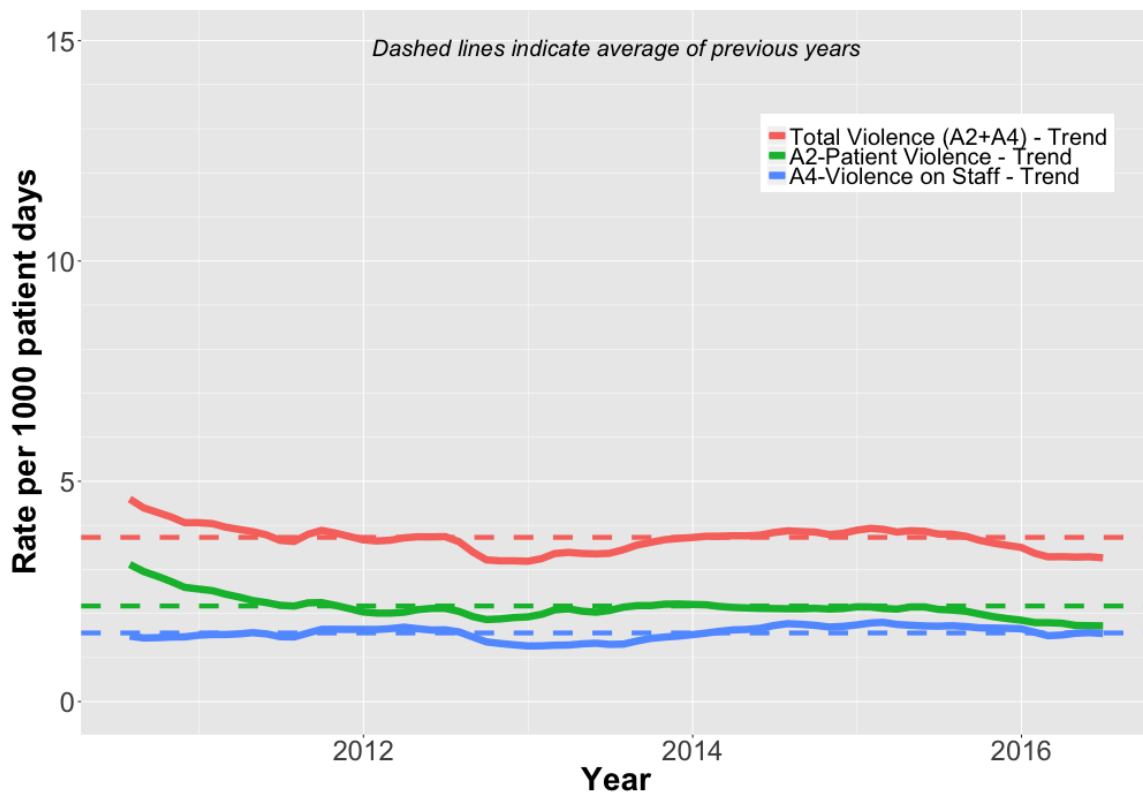
Violence Rates by Major Legal Classes

DSH-Patton IST's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 90
Trends of Monthly Rates of Violence for IST's at DSH-Patton



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 9I
Monthly Rates of Violence for IST's at DSH-Patton

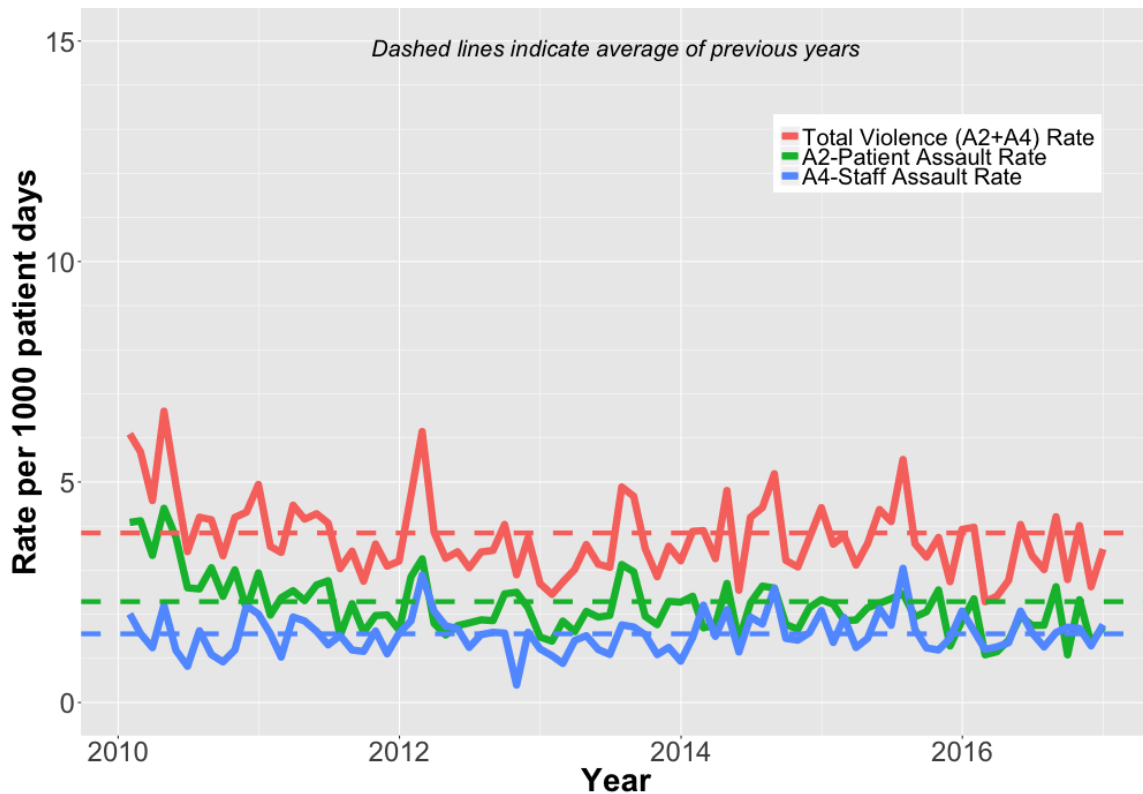


Table 60
DSH-Patton IST Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	4.083	2.009	6.093
2	2/28/2010	4.12	1.563	5.683
3	3/31/2010	3.336	1.243	4.578
4	4/30/2010	4.404	2.202	6.606
5	5/31/2010	3.746	1.183	4.928

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
6	6/30/2010	2.6	0.821	3.422
7	7/31/2010	2.575	1.627	4.202
8	8/31/2010	3.056	1.087	4.143
9	9/30/2010	2.407	0.92	3.327
10	10/31/2010	3.009	1.19	4.198
11	11/30/2010	2.121	2.194	4.315
12	12/31/2010	2.938	2.006	4.944
13	1/31/2011	1.982	1.558	3.54
14	2/28/2011	2.374	1.029	3.402
15	3/31/2011	2.535	1.939	4.474
16	4/30/2011	2.31	1.848	4.157
17	5/31/2011	2.666	1.614	4.28
18	6/30/2011	2.76	1.308	4.068
19	7/31/2011	1.518	1.518	3.036
20	8/31/2011	2.24	1.19	3.43
21	9/30/2011	1.592	1.158	2.751
22	10/31/2011	1.973	1.62	3.593
23	11/30/2011	1.987	1.104	3.091
24	12/31/2011	1.639	1.568	3.207
25	1/31/2012	2.849	1.852	4.702
26	2/29/2012	3.257	2.887	6.144
27	3/31/2012	1.791	2.067	3.858
28	4/30/2012	1.531	1.739	3.27
29	5/31/2012	1.743	1.676	3.418
30	6/30/2012	1.804	1.249	3.053
31	7/31/2012	1.874	1.539	3.413
32	8/31/2012	1.857	1.592	3.449
33	9/30/2012	2.463	1.574	4.037
34	10/31/2012	2.501	0.395	2.895
35	11/30/2012	2.146	1.592	3.739
36	12/31/2012	1.484	1.214	2.697
37	1/31/2013	1.392	1.06	2.452
38	2/28/2013	1.846	0.886	2.732
39	3/31/2013	1.609	1.408	3.017
40	4/30/2013	2.066	1.515	3.581
41	5/31/2013	1.936	1.201	3.137
42	6/30/2013	1.975	1.09	3.065

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
43	7/31/2013	3.128	1.76	4.888
44	8/31/2013	2.964	1.713	4.677
45	9/30/2013	1.953	1.534	3.487
46	10/31/2013	1.766	1.087	2.853
47	11/30/2013	2.293	1.251	3.544
48	12/31/2013	2.275	0.937	3.212
49	1/31/2014	2.409	1.472	3.881
50	2/28/2014	1.692	2.207	3.898
51	3/31/2014	1.761	1.5	3.261
52	4/30/2014	2.7	2.107	4.807
53	5/31/2014	1.4	1.146	2.546
54	6/30/2014	2.261	1.938	4.2
55	7/31/2014	2.639	1.78	4.42
56	8/31/2014	2.594	2.594	5.187
57	9/30/2014	1.769	1.453	3.222
58	10/31/2014	1.659	1.414	3.073
59	11/30/2014	2.152	1.582	3.735
60	12/31/2014	2.332	2.086	4.418
61	1/31/2015	2.228	1.361	3.589
62	2/28/2015	1.858	1.927	3.786
63	3/31/2015	1.87	1.247	3.117
64	4/30/2015	2.15	1.454	3.604
65	5/31/2015	2.247	2.129	4.376
66	6/30/2015	2.353	1.75	4.103
67	7/31/2015	2.468	3.042	5.511
68	8/31/2015	1.943	1.657	3.6
69	9/30/2015	2.06	1.236	3.296
70	10/31/2015	2.552	1.191	3.743
71	11/30/2015	1.282	1.456	2.738
72	12/31/2015	1.849	2.074	3.923
73	1/31/2016	2.351	1.623	3.974
74	2/29/2016	1.082	1.202	2.284
75	3/31/2016	1.152	1.262	2.414
76	4/30/2016	1.412	1.355	2.767
77	5/31/2016	1.963	2.072	4.036
78	6/30/2016	1.748	1.579	3.327
79	7/31/2016	1.753	1.26	3.014

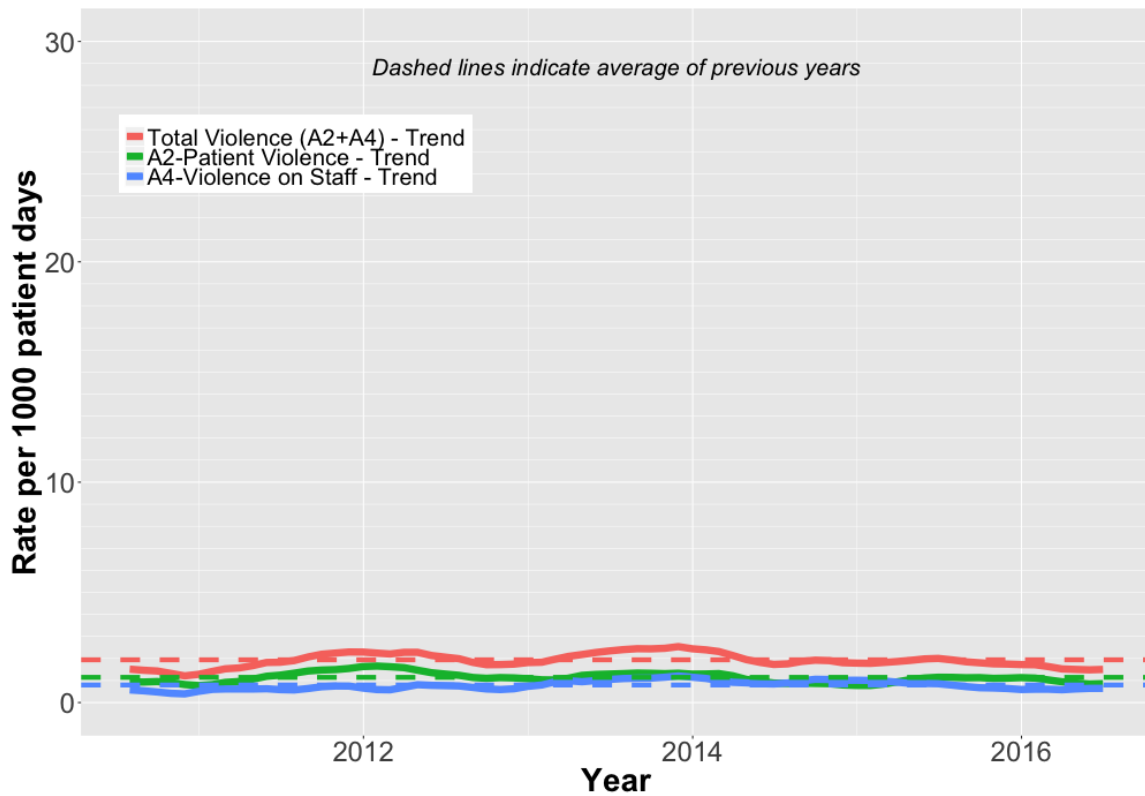
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
80	8/31/2016	2.626	1.586	4.212
81	9/30/2016	1.081	1.707	2.788
82	10/31/2016	2.331	1.681	4.012
83	11/30/2016	1.34	1.284	2.625
84	12/31/2016	1.713	1.767	3.48

DSH-Patton LPS's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 92
Trends of Monthly Rates of Violence for LPS's at DSH-Patton



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 93
Monthly Rates of Violence for LPS's at DSH-Patton

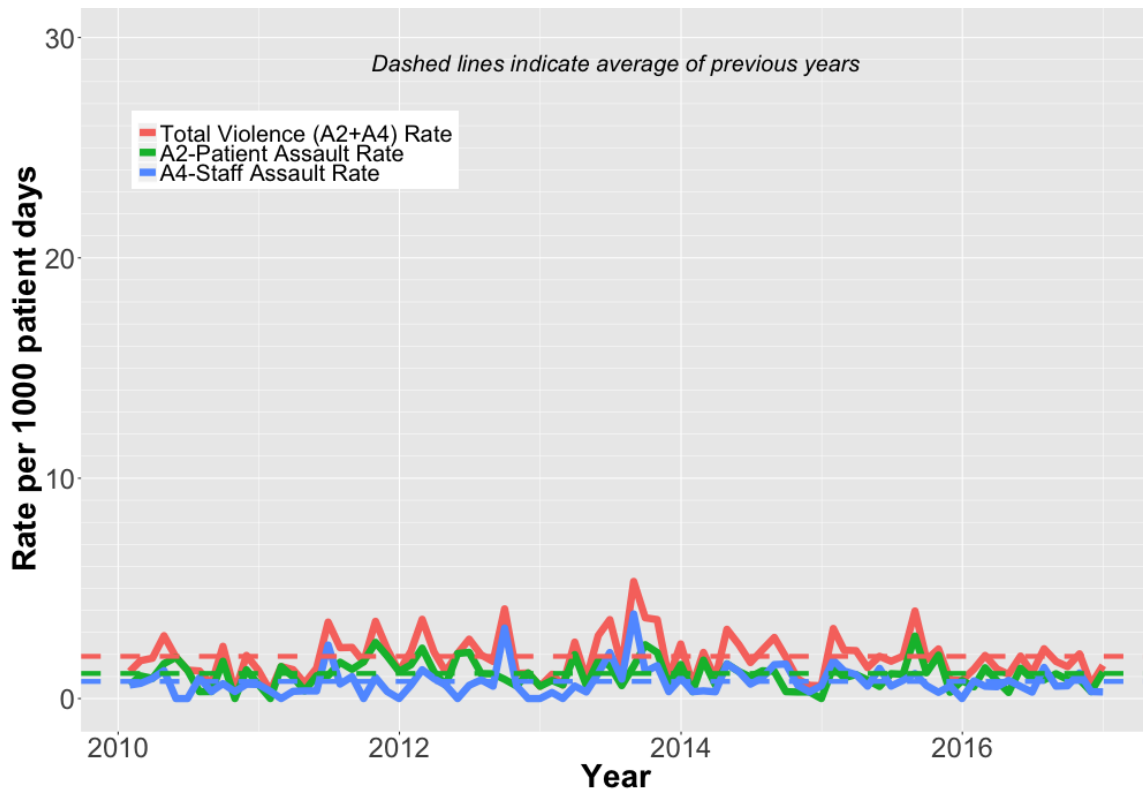


Table 61
DSH-Patton LPS Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	0.613	0.613	1.227
2	2/28/2010	1.032	0.688	1.719
3	3/31/2010	0.916	0.916	1.832
4	4/30/2010	1.585	1.268	2.853
5	5/31/2010	1.875	0	1.875
6	6/30/2010	1.29	0	1.29
7	7/31/2010	0.313	0.939	1.252

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8	8/31/2010	0.319	0.319	0.638
9	9/30/2010	1.693	0.677	2.37
10	10/31/2010	0	0.317	0.317
11	11/30/2010	1.305	0.653	1.958
12	12/31/2010	0.641	0.641	1.282
13	1/31/2011	0	0.329	0.329
14	2/28/2011	1.452	0	1.452
15	3/31/2011	0.985	0.328	1.313
16	4/30/2011	0.348	0.348	0.696
17	5/31/2011	1.036	0.345	1.381
18	6/30/2011	1.041	2.429	3.47
19	7/31/2011	1.65	0.66	2.31
20	8/31/2011	1.327	0.995	2.322
21	9/30/2011	1.665	0	1.665
22	10/31/2011	2.549	0.956	3.504
23	11/30/2011	1.934	0.322	2.257
24	12/31/2011	1.231	0	1.231
25	1/31/2012	1.535	0.614	2.149
26	2/29/2012	2.288	1.307	3.595
27	3/31/2012	1.203	0.902	2.105
28	4/30/2012	0.609	0.609	1.217
29	5/31/2012	2.044	0	2.044
30	6/30/2012	2.096	0.599	2.695
31	7/31/2012	1.133	0.85	1.983
32	8/31/2012	1.124	0.562	1.685
33	9/30/2012	0.872	3.198	4.07
34	10/31/2012	0.57	0.57	1.141
35	11/30/2012	1.162	0	1.162
36	12/31/2012	0.558	0	0.558
37	1/31/2013	0.824	0.275	1.099
38	2/28/2013	0.617	0	0.617
39	3/31/2013	1.992	0.569	2.561
40	4/30/2013	0.599	0.299	0.898
41	5/31/2013	1.716	1.144	2.86
42	6/30/2013	1.492	2.089	3.581
43	7/31/2013	0.587	0.881	1.468
44	8/31/2013	1.476	3.838	5.314

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
45	9/30/2013	2.443	1.222	3.665
46	10/31/2013	2.091	1.493	3.584
47	11/30/2013	0.626	0.313	0.939
48	12/31/2013	1.548	0.929	2.478
49	1/31/2014	0.313	0.313	0.625
50	2/28/2014	1.745	0.349	2.094
51	3/31/2014	0.613	0.307	0.92
52	4/30/2014	1.571	1.571	3.143
53	5/31/2014	1.223	1.223	2.446
54	6/30/2014	0.98	0.653	1.633
55	7/31/2014	1.262	0.947	2.209
56	8/31/2014	1.233	1.541	2.773
57	9/30/2014	0.313	1.567	1.881
58	10/31/2014	0.297	0.594	0.89
59	11/30/2014	0.3	0.3	0.599
60	12/31/2014	0	0.58	0.58
61	1/31/2015	1.445	1.734	3.179
62	2/28/2015	0.94	1.254	2.194
63	3/31/2015	1.088	1.088	2.175
64	4/30/2015	0.842	0.561	1.403
65	5/31/2015	0.548	1.369	1.917
66	6/30/2015	1.129	0.564	1.693
67	7/31/2015	1.102	0.826	1.928
68	8/31/2015	2.838	1.135	3.973
69	9/30/2015	1.174	0.587	1.762
70	10/31/2015	1.97	0.281	2.251
71	11/30/2015	0.285	0.571	0.856
72	12/31/2015	0.817	0	0.817
73	1/31/2016	0.535	0.803	1.339
74	2/29/2016	1.397	0.559	1.956
75	3/31/2016	0.805	0.537	1.342
76	4/30/2016	0.275	0.826	1.101
77	5/31/2016	1.376	0.55	1.926
78	6/30/2016	0.872	0.291	1.163
79	7/31/2016	0.847	1.412	2.26
80	8/31/2016	1.123	0.562	1.685
81	9/30/2016	0.869	0.579	1.448

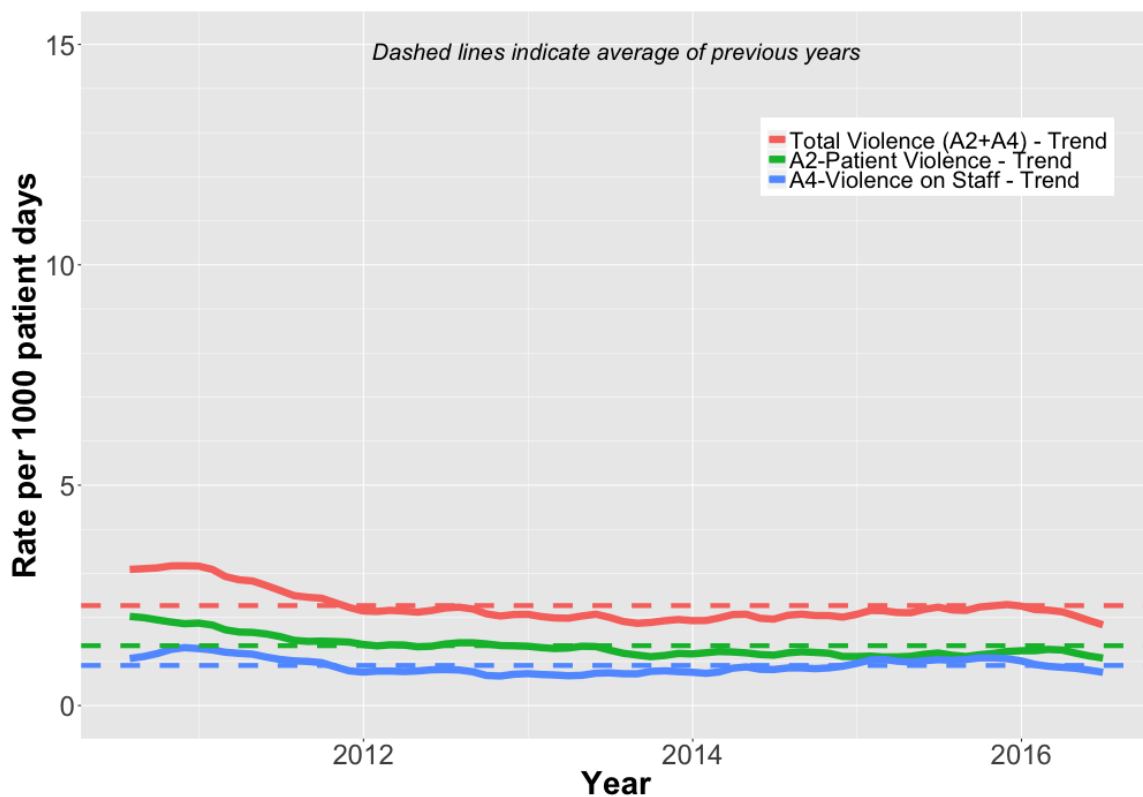
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
82	10/31/2016	0.87	1.159	2.029
83	11/30/2016	0.315	0.315	0.631
84	12/31/2016	1.204	0.301	1.506

DSH-Patton MDO's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 94
Trends of Monthly Rates of Violence for MDO's at DSH-Patton



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 95
Monthly Rates of Violence for MDO's at DSH-Patton

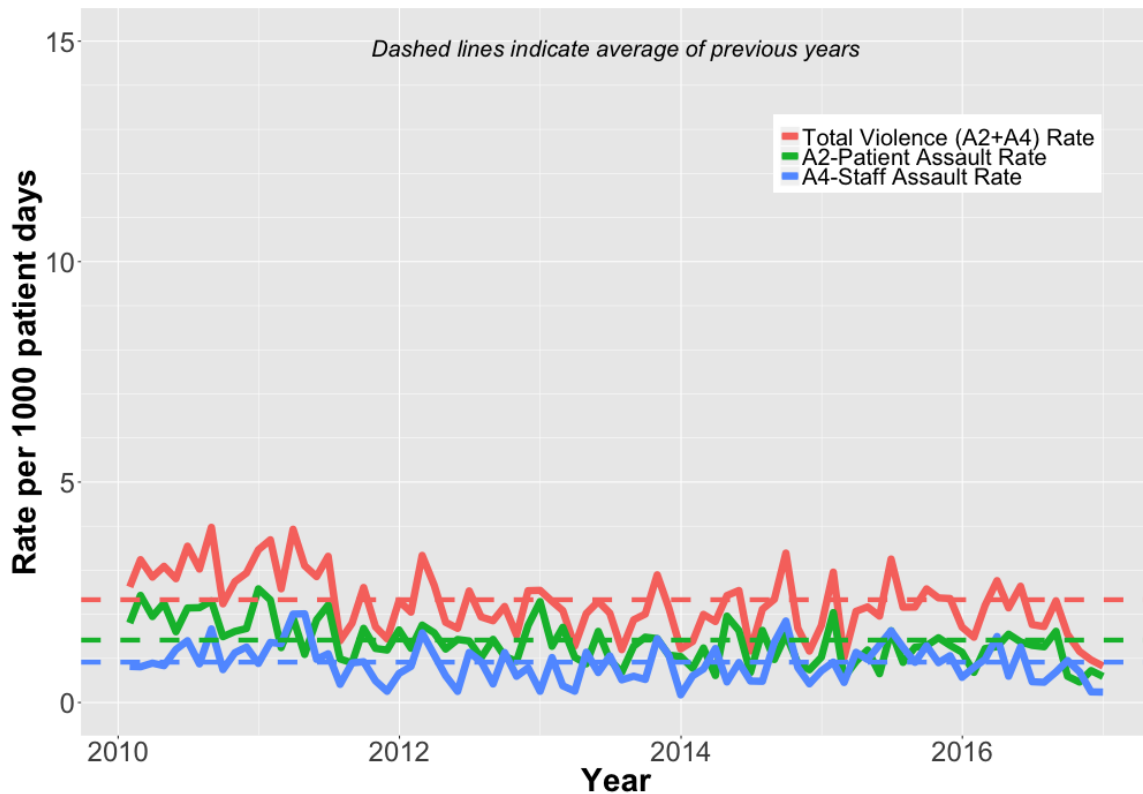


Table 62
DSH-Patton MDO Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.802	0.819	2.622
2	2/28/2010	2.43	0.81	3.239
3	3/31/2010	1.95	0.894	2.844
4	4/30/2010	2.254	0.835	3.089
5	5/31/2010	1.605	1.204	2.808

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
6	6/30/2010	2.144	1.402	3.545
7	7/31/2010	2.151	0.876	3.027
8	8/31/2010	2.304	1.669	3.973
9	9/30/2010	1.492	0.746	2.239
10	10/31/2010	1.613	1.129	2.742
11	11/30/2010	1.678	1.259	2.937
12	12/31/2010	2.579	0.886	3.465
13	1/31/2011	2.327	1.364	3.691
14	2/28/2011	1.245	1.334	2.579
15	3/31/2011	1.925	2.005	3.929
16	4/30/2011	1.09	2.012	3.102
17	5/31/2011	1.877	0.979	2.856
18	6/30/2011	2.211	1.105	3.316
19	7/31/2011	0.989	0.412	1.401
20	8/31/2011	0.899	0.899	1.798
21	9/30/2011	1.683	0.926	2.608
22	10/31/2011	1.226	0.491	1.717
23	11/30/2011	1.189	0.255	1.444
24	12/31/2011	1.646	0.658	2.305
25	1/31/2012	1.23	0.82	2.049
26	2/29/2012	1.756	1.58	3.336
27	3/31/2012	1.583	1.083	2.666
28	4/30/2012	1.212	0.606	1.818
29	5/31/2012	1.43	0.252	1.682
30	6/30/2012	1.396	1.134	2.531
31	7/31/2012	1.013	0.929	1.941
32	8/31/2012	1.433	0.421	1.854
33	9/30/2012	1.045	1.133	2.178
34	10/31/2012	0.934	0.595	1.529
35	11/30/2012	1.75	0.787	2.537
36	12/31/2012	2.29	0.254	2.544
37	1/31/2013	1.275	1.02	2.296
38	2/28/2013	1.706	0.379	2.085
39	3/31/2013	1.026	0.257	1.283
40	4/30/2013	0.878	1.141	2.019
41	5/31/2013	1.613	0.679	2.293
42	6/30/2013	0.97	1.058	2.027

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
43	7/31/2013	0.685	0.514	1.199
44	8/31/2013	1.279	0.597	1.876
45	9/30/2013	1.483	0.523	2.006
46	10/31/2013	1.448	1.448	2.896
47	11/30/2013	1.075	1.075	2.15
48	12/31/2013	1.042	0.174	1.216
49	1/31/2014	0.778	0.605	1.383
50	2/28/2014	1.237	0.761	1.998
51	3/31/2014	0.612	1.225	1.837
52	4/30/2014	1.959	0.467	2.426
53	5/31/2014	1.633	0.907	2.54
54	6/30/2014	0.682	0.487	1.168
55	7/31/2014	1.635	0.481	2.116
56	8/31/2014	0.976	1.366	2.341
57	9/30/2014	1.54	1.848	3.389
58	10/31/2014	0.892	0.792	1.684
59	11/30/2014	0.742	0.424	1.166
60	12/31/2014	1.027	0.719	1.745
61	1/31/2015	2.039	0.918	2.957
62	2/28/2015	0.568	0.455	1.023
63	3/31/2015	0.931	1.138	2.068
64	4/30/2015	1.193	0.976	2.168
65	5/31/2015	0.653	1.306	1.96
66	6/30/2015	1.627	1.627	3.253
67	7/31/2015	0.91	1.251	2.162
68	8/31/2015	1.253	0.912	2.165
69	9/30/2015	1.289	1.289	2.577
70	10/31/2015	1.469	0.904	2.372
71	11/30/2015	1.297	1.062	2.359
72	12/31/2015	1.141	0.571	1.712
73	1/31/2016	0.684	0.797	1.481
74	2/29/2016	1.225	0.98	2.205
75	3/31/2016	1.267	1.497	2.764
76	4/30/2016	1.55	0.596	2.147
77	5/31/2016	1.376	1.261	2.637
78	6/30/2016	1.296	0.471	1.768
79	7/31/2016	1.264	0.46	1.724

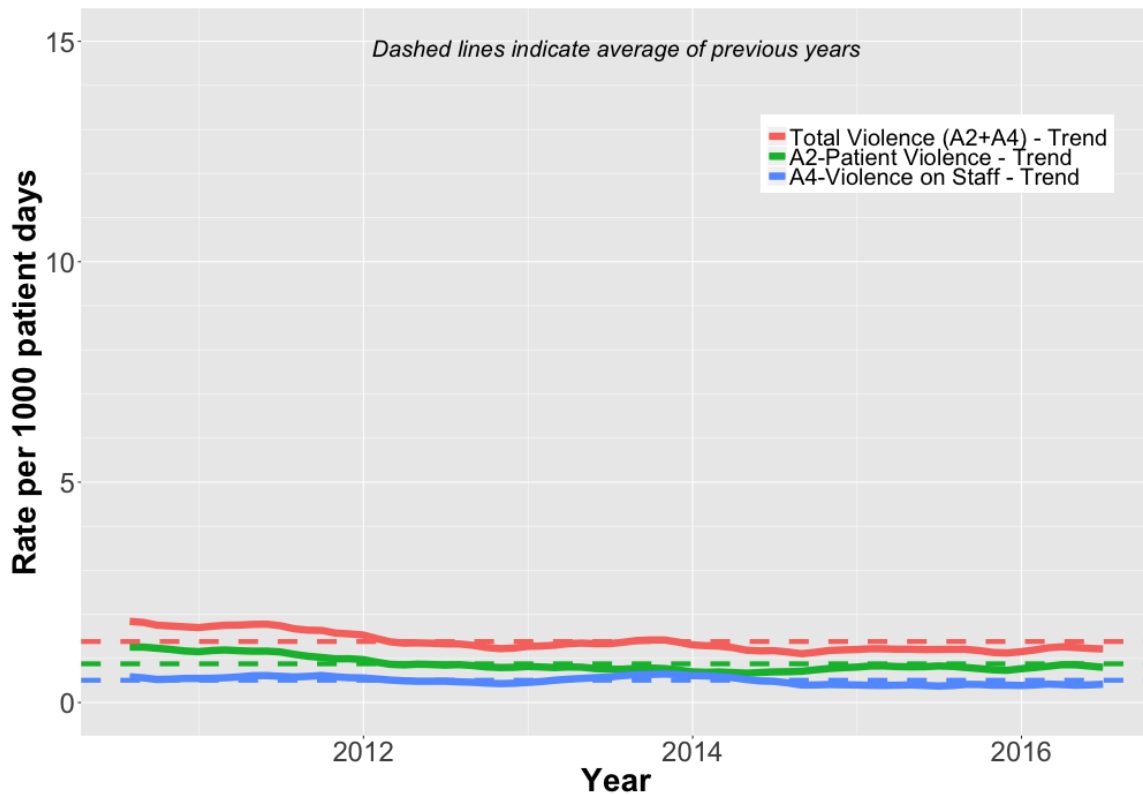
#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
80	8/31/2016	1.616	0.692	2.308
81	9/30/2016	0.595	0.952	1.547
82	10/31/2016	0.464	0.696	1.16
83	11/30/2016	0.724	0.241	0.966
84	12/31/2016	0.591	0.236	0.827

DSH-Patton NGRI's

Monthly Trend

The monthly trend is obtained by averaging each month with the 6 months before and 6 months after that month; this produces a “smoother” curve than the raw monthly numbers (next figure), which better enables one to detect trends in the data.

Figure 96
Trends of Monthly Rates of Violence for NGRI's at DSH-Patton



Monthly Rates Data

The information for each month's rates are given here. As can be seen, the monthly data typically produces a "saw tooth" pattern that can make it difficult to detect upward or downward trends. For this reason it is usually better to refer to the "smoothed" plot of the trends (previous figure).

Figure 97
Monthly Rates of Violence for NGRI's at DSH-Patton

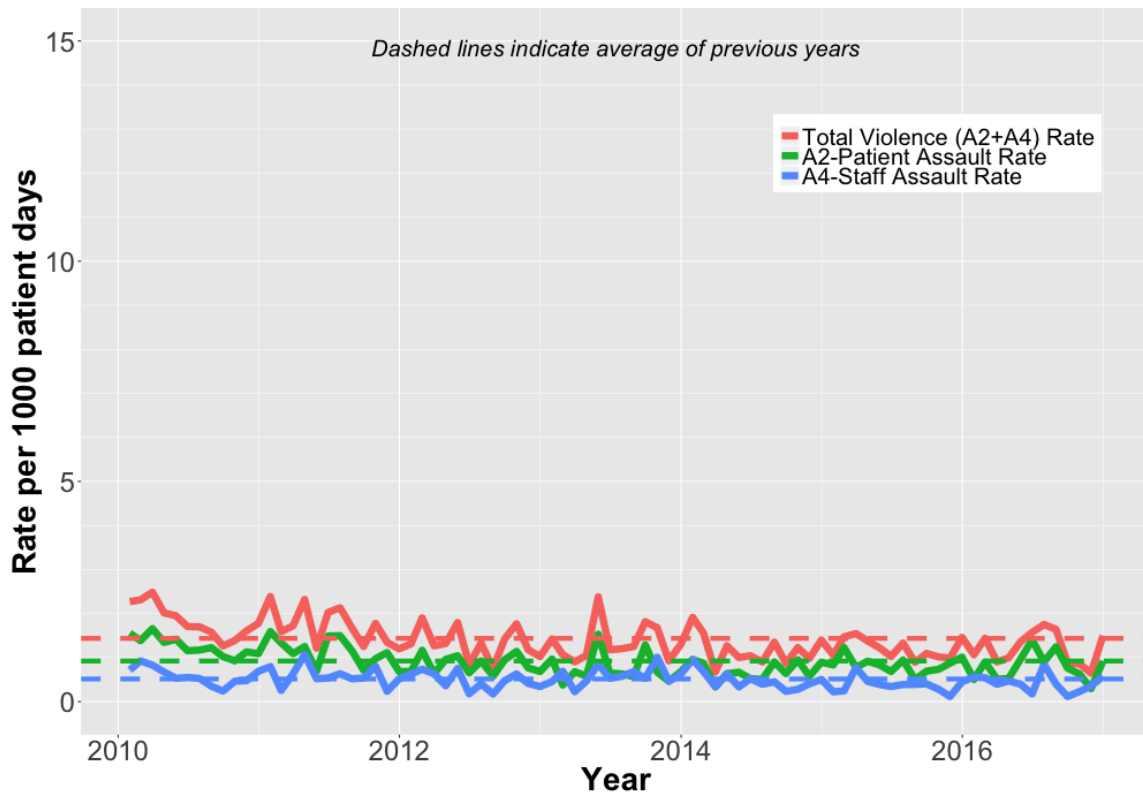


Table 63
DSH-Patton NGRI Monthly Rates of Violence

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1	1/31/2010	1.553	0.717	2.27
2	2/28/2010	1.385	0.924	2.309
3	3/31/2010	1.656	0.828	2.484
4	4/30/2010	1.344	0.672	2.016
5	5/31/2010	1.417	0.531	1.948
6	6/30/2010	1.156	0.548	1.703

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7	7/31/2010	1.171	0.527	1.698
8	8/31/2010	1.226	0.35	1.576
9	9/30/2010	1.024	0.241	1.265
10	10/31/2010	0.926	0.463	1.389
11	11/30/2010	1.13	0.476	1.606
12	12/31/2010	1.089	0.687	1.776
13	1/31/2011	1.59	0.795	2.385
14	2/28/2011	1.334	0.254	1.588
15	3/31/2011	1.09	0.631	1.722
16	4/30/2011	1.249	1.07	2.319
17	5/31/2011	0.694	0.52	1.214
18	6/30/2011	1.49	0.536	2.027
19	7/31/2011	1.497	0.633	2.13
20	8/31/2011	1.151	0.518	1.668
21	9/30/2011	0.714	0.536	1.25
22	10/31/2011	0.974	0.802	1.777
23	11/30/2011	1.112	0.234	1.346
24	12/31/2011	0.684	0.513	1.197
25	1/31/2012	0.684	0.627	1.311
26	2/29/2012	1.165	0.736	1.901
27	3/31/2012	0.633	0.633	1.265
28	4/30/2012	0.959	0.359	1.318
29	5/31/2012	1.042	0.752	1.794
30	6/30/2012	0.655	0.179	0.834
31	7/31/2012	0.924	0.404	1.328
32	8/31/2012	0.578	0.173	0.752
33	9/30/2012	0.948	0.474	1.422
34	10/31/2012	1.14	0.627	1.767
35	11/30/2012	0.766	0.412	1.178
36	12/31/2012	0.683	0.342	1.025
37	1/31/2013	0.966	0.455	1.421
38	2/28/2013	0.376	0.689	1.065
39	3/31/2013	0.678	0.226	0.904
40	4/30/2013	0.581	0.465	1.046
41	5/31/2013	1.53	0.85	2.379
42	6/30/2013	0.648	0.53	1.177
43	7/31/2013	0.629	0.572	1.202

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
44	8/31/2013	0.569	0.682	1.251
45	9/30/2013	1.287	0.527	1.814
46	10/31/2013	0.671	1.006	1.677
47	11/30/2013	0.464	0.464	0.928
48	12/31/2013	0.676	0.62	1.296
49	1/31/2014	0.957	0.957	1.913
50	2/28/2014	0.872	0.685	1.557
51	3/31/2014	0.336	0.336	0.673
52	4/30/2014	0.634	0.634	1.268
53	5/31/2014	0.668	0.334	1.002
54	6/30/2014	0.521	0.521	1.041
55	7/31/2014	0.506	0.393	0.899
56	8/31/2014	0.9	0.45	1.351
57	9/30/2014	0.639	0.232	0.871
58	10/31/2014	0.948	0.279	1.227
59	11/30/2014	0.577	0.404	0.982
60	12/31/2014	0.894	0.503	1.397
61	1/31/2015	0.833	0.222	1.055
62	2/28/2015	1.226	0.245	1.471
63	3/31/2015	0.773	0.773	1.546
64	4/30/2015	0.917	0.459	1.376
65	5/31/2015	0.833	0.389	1.221
66	6/30/2015	0.684	0.342	1.026
67	7/31/2015	0.942	0.388	1.33
68	8/31/2015	0.501	0.39	0.891
69	9/30/2015	0.691	0.403	1.094
70	10/31/2015	0.734	0.282	1.016
71	11/30/2015	0.873	0.116	0.989
72	12/31/2015	1.01	0.449	1.458
73	1/31/2016	0.504	0.56	1.064
74	2/29/2016	0.9	0.54	1.44
75	3/31/2016	0.507	0.394	0.902
76	4/30/2016	0.526	0.468	0.994
77	5/31/2016	0.963	0.396	1.359
78	6/30/2016	1.399	0.175	1.573
79	7/31/2016	0.904	0.847	1.751
80	8/31/2016	1.245	0.396	1.641

#	DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
81	9/30/2016	0.76	0.117	0.876
82	10/31/2016	0.627	0.228	0.856
83	11/30/2016	0.295	0.354	0.648
84	12/31/2016	0.922	0.576	1.498

Glossary of Legal Terms for Patient Commitments

OVERALL COMMITMENT/ CENSUS GROUP	LEGAL CLASS TEXT	LEGAL CODE SECTION	DESCRIPTION
	PC2684	PC2684	Prisoner from the Department of Corrections
	PC2684A	PC2684A	Prisoner from the Department of Corrections
DJJ	DJJ	WIC 1756	Youth Authority Certification/Youth Authority Referral through Regional Office
PC 1370 IST	IST PC1370	PC1370 or Title 18 USC 4244	Incompetent to Stand Trial
	MIST	PC 1370.01	Misdemeanant Incompetent to Stand Trial
	EIST	PC 1372(e)	Restored (IST) on Court Hold
	ROIST RO1370	PC 1610	Temporary Admission while waiting for Court Revocation of a PC 1370 (IST)
	DDIST	PC1370.1	Commitment as Incompetent to Stand Trial because of Developmental Disability (up to 6 months) and Mental Disorder
	T.Cons	WIC 5353	Temporary Conservatorship
	CONS	WIC 5358	Conservatorship
	VOL	WIC 6000	Voluntary
	DET	WIC 5150	72-Hour Detention
	CERT	WIC 5250	14-Day Certification
	SUIC	WIC 5260	Additional 14-Day Certification
	POST	WIC 5304(a)	180-Day Post Certification – ONLY (until 6/91 used for pending cases also, see 37)
	ADD	WIC 5304(b)	Additional 180-Day Post Certification
	PC2974	PC 2974	Recommitment After Expiration of Prison Term (Must have concurrent W&I commitment)
	A-CERT	WIC 5270.15	30-Day Certification
	PCD	WIC 5303	Pending Court Decision on 180-Day Post Certification

OVERALL COMMITMENT/ CENSUS GROUP	LEGAL CLASS TEXT	LEGAL CODE SECTION	DESCRIPTION
	MURCON	WIC 5008(h)(1)(B)	Murphy's Conservatorship
	DMR	WIC 6500, 6509	Dangerous Mentally Retarded Committed by Court
	CAMR	WIC 4825, 6000(a)	Voluntary Adult Mentally Retarded Committed by Court
	VJCW	WIC 6552	Voluntary Juvenile Court Ward
	DMRH	WIC 6506	Hold Pending Hearing on W&I 6509 Petition
	MDO PC2962	PC 2962	Parolee Referred from the Department of Corrections
	PC2964a	PC 2964(a)	Parolee Rehospitalized from Conrep after DMH hearing
	PC2972	PC 2972	Former Parolee Referred from Superior Court
	RO2972	PC 1610	Temporary Admission while waiting for Court Revocation of PC 2972
	MDSO	WIC 6316	Mentally Disordered Sex Offender – Observation
	MDSOI	WIC 6316	1. MDSOI Observation Indeterminate; 2. MDSO Return by Court
	ROMDSO	PC 1610	Temporary Admission while waiting for Court Revocation of MDSO
NGRI (PC1026)	NGI PC1026	PC 1026	Not Guilty by Reason of Insanity
NGRI (OTHER)	RONGI RO 1026	PC 1610	Temporary Admission while waiting for Court Revocation of a PC 1026 (NGI)
NGRI (Other)	MNGI	WIC 702.3	Minor Not Guilty by Reason of Insanity
SVP (W&I 6604)	SVP	WIC 6604	Sexually Violent Predator
SVP (W&I 6602)	SVPP	WIC 6602	Sexually Violent Predator Probably Cause
	SVPH	WIC 6601.3	Sexually Violent Predator BPT Hold
	SVPE	WIC 6600	Sexually Violent Predator Court Hold

Brief Description of General Methodology

- Data for violent incidents from 1/1/2010 through 12/31/2016 was provided by the Data Management Office (DMO), and incidents using the Subcategory Codes for A2 (“Patient Assault”) or A4 (“Staff Assault”) were identified.
- From this file, all incidents coded with A2 (“Patient Assault”) were identified separated out into a new file.
 - Incidents were then arranged in order by Date and Incident Number and given a serial number.
 - This file was then “de-duplicated,” i.e., first occurrences of an incident number/serial number were kept, and entries with duplicated incident number/serial number were removed.
 - This “de-duplication” procedure then yielded a file with unique incidents and incident numbers; these were then counted to arrive at the number of unique incidents for a given year
- The same methodology was then used to identify all incidents coded with A4 (“Staff Assault”), i.e., we returned to the original file with all incidents and separated out those coded as A4 (“Staff Assault”), arranged these in order by Date and Incident Number, created a serial number, and then de-duplicated the entries in this file to arrive at a count of unique staff assaults.
- This process yielded the count of incidents. To determine the rates, the number of incidents in a given time period was then divided by the Average Daily Census (ADC) for that same time period (determined by data provided by the DMO). This yielded a rate measure of “incidents per patient day;” this was then multiplied by 1000 to produce the rate measure per 1000 patient days.
- This methodology was chosen because a single incident could include both a patient assault and a staff assault. Deduplicating a file containing both incident codes (without separating these out ahead of time) would keep one incident type, but not both. Separating out by codes first and then removing duplicate entries was seen as the preferred method to retain the maximum information possible and not preferentially highlight or ignore patient assaults over staff assaults, or vice versa.
- The same method was used to identify A2 and A4 incidents for each hospital, but first the data file was reduced to include just incidents from the hospital being analyzed. Additionally, the Average Daily Census data pertaining to that hospital was used to determine the total patient days for that hospital, in order to determine the rates of violence.

-END OF REPORT-