



California Department of  
**State Hospitals**

# VIOLENCE REPORT

## DSH HOSPITAL VIOLENCE 2010 - 2019



**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.
A8	Sexual assault on staff committed by a patient – Any physical sexual contact by a patient towards or involving a staff person.
DSH	Department of State Hospitals
CDCR	Mentally Ill Prisoner (PC2684)
DJJ	Department of Juvenile Justice
IST	Incompetent to Stand Trial (PCI370)
LPS	Lanterman-Petris-Short
MDSO	Mentally Disordered Sex Offender
NGRI	Not Guilty by Reason of Insanity
OMD	Offender with a Mental health Disorder
SVP	Sexually Violent Predator

**COMMENTS FROM THE DIRECTOR**

At the Department of State Hospitals, the safety of our patients and staff is our top priority. DSH released its first Violence Report in 2014 to gain a more accurate picture of violence at state hospitals. The report's data-driven analysis was intended to help develop meaningful interventions for reducing violence. Since then, the report and its subsequent editions have supported significant changes that have created safer hospital environments. Those changes include implementation of the following:

- Violence Risk Assessment of all new patients and ongoing risk assessment of long-term patients.
- California State Hospital Violence Assessment and Treatment (Cal-VAT) guidelines which provide different approaches to violence management.
- Psychopharmacology Resource Network (PRN), a team of psychiatrists that provides consultations and psychopharmacological recommendations on the most complex and violent patients.
- Staff training in therapeutic strategies and interventions: Dialectical Behavior Therapy, Sensory Modulation, Therapeutic Options and Trauma-Informed Care, which promotes physical and psychological safety.
- Statewide Quality Improvement Division, which focuses on health and safety and quality improvement statewide.
- Annual Injury and Illness Prevention Plan and Code of Safe Conduct for each hospital.
- Post Incident Debriefing Survey process that provides support to staff who have suffered an assault and enables DSH to obtain information about assaults.
- Violence Reduction and Safety committees.
- Mandatory annual workplace violence prevention training for staff.
- Employee Safety and Support Initiative which empowers employees to formulate new recommendations and refine existing policies and practices to improve safety and support.
- Numerous hospital policy and physical plant modifications.

“2020 Violence Report: DSH Hospital Violence 2010-2019” shows continuing progress by DSH in reducing both the rates and severity of violence at state hospitals. It also points to new opportunities for further reductions in violence. While the report's analysis of declines in violence offers support for the department's ongoing efforts, it also reminds us of the critical importance of continuing those efforts. Far too many acts of violence still occur at state hospitals. For DSH leaders, policymakers and stakeholders, this report challenges us to renew our commitment to doing all that we can to make state hospitals safer for our patients and staff.

Sincerely,

STEPHANIE CLENDENIN  
DIRECTOR

## SECTION I: EXECUTIVE SUMMARY

During 2019, the Department of State Hospital's (DSH) five freestanding hospitals treated a total of 10,667 unique patients, essentially the same as the previous year (10,758), while average daily census (ADC) increased by 2%. Since 2012, DSH has seen a 22.2% increase in unique patients treated in a year.

As with previous years, most patients treated in 2019 were not violent during this period (shown in green in Figure I.1, about 79.1% of all patients treated). Of the remaining patients treated, about 20.9%, committed an act of physical violence in 2019 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 2019 (designated as "repeatedly violent patients"). While numbering only 143 patients total during 2019, these repeatedly violent patients were responsible for 41.5% of all the assaults on both patients and staff assaults during 2019.

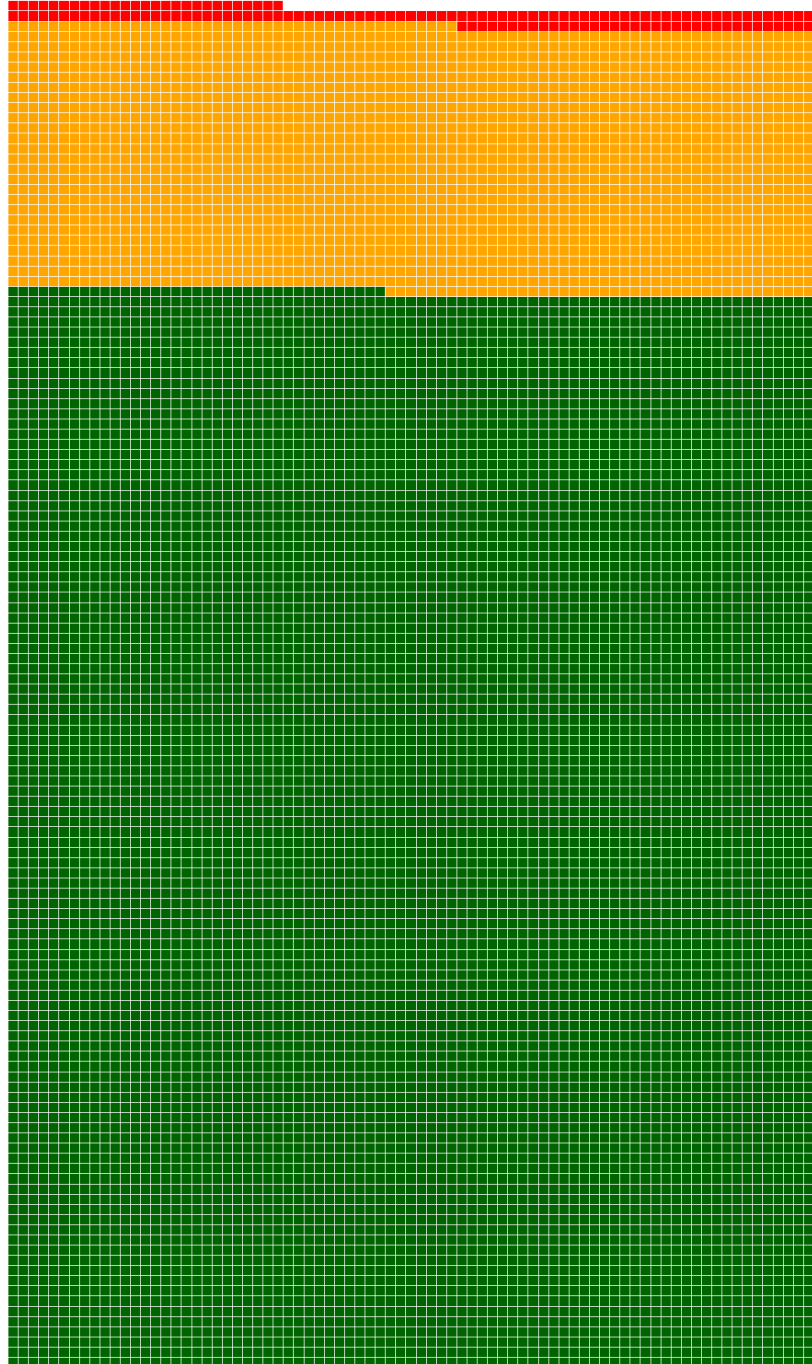
In [Section II.1](#), this report presents the violence totals and then integrates these totals with the patient census data to provide information about violence using standardized units of violence rates per 1000 patient days.

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 examines the influence of admission rates on violence. Additionally, this report will look more in-depth at the repeatedly violent patients and their disproportionate number of violent incidents, detailed in [Section VII](#) of this report. The report then presents data on the monthly rates of

- ▶▶ *In 2019, DSH treated essentially the same number of unique patients (10,667) as in the previous year (10,758), while average daily census increased 2%.*
- ▶▶ *Since 2012, DSH has seen a 22.2% increase in the unique number of patients treated.*
- ▶▶ *In 2019, the rate of patient on patient assault decreased 2.1% from the year prior.*
- ▶▶ *In 2019, the overall rate of patient on staff assault decreased 7.5%*
- ▶▶ *1.3% of patients were responsible for 41.5% of all aggressive acts in 2019.*
- ▶▶ *There continues to be a decrease(26.9%) in the number of violent patient incidents that result in the need for medical treatment or outside hospitalization.*



**Figure I.1**  
**2019 DSH Patients and Aggressors, 1 Square = 1 Patient**



■ Non-Violent Patients (8437) ■ Violent Patients <10 Incidents (2087) ■ Repeatedly Violent Patients (143)

- ▶▶ *20.9% of the 10,667 patients treated during 2019 committed at least one violent act during their stay in DSH.*
- ▶▶ *A total of 143 patients had 10 or more acts of aggression in 2019.*
- ▶▶ *New admissions have their first violent act very soon after admission; most occur within 36 days of admission*

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

Analysis of the 2019 data shows that compared to the previous year:

- There was a 0.8% decrease in the unique number of patients treated, while there was a 2.0% increase in population when measured in “average daily census;”
- DSH wide, the rate of patient on patient assaults decreased by 2.1% and the overall rate of patient on staff assault decreased by 7.5%. Using the data available which classified staff assaults into “Contact Made” and “Contact Attempted” but not made, both categories saw decreases. Staff assaults where physical contact was made decreased by 9.9%, and assaults where contact was attempted (but not made) decreased 5.8%, see [Section II.B](#) and [Section II.C](#) for further data and details;
- Changes in violence rates were not uniform, however, and some variation was noted across legal classes and hospitals (see [Sections IV](#) and [Section VIII](#) as well as the [Appendices](#) for further details;
- The percentage of individual (unique) patients committing aggressive acts was slightly lower at 20.9% in 2019, compared to 21.3% in 2018 (2,230 of the 10,667 patients committed a violent act in 2019, while 2,290 patients of the 10,758 treated committed a violent act in 2018, for further information see [Section V](#));
- There were continued reductions in the more serious levels of patient victim injuries from assault from last year’s rates, (see [Section VI](#));
- There was a decrease of 7.2% (to 143, down from 152) in the number of repeatedly violent patients who committed 10 or more assaults in 2019. These 143 patients represent 1.3% of the population of unique patients treated during 2019, yet accounted for 41.5% of all the violent incidents in 2019; (see [Section VII](#));
- For newly admitted patients, the first violent act typically occurred soon after admission to the hospital (median time to first violent act was 36 days, and median time for all violent

acts was 186 days). This means 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 III](#) 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 almost seven 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 III.C](#))

At the end of this report, supplementary data tables to provide additional detailed information for each hospital are presented in the [Appendices](#), a [Glossary](#) of terms used in this report, and some further notes on some of the [methodologies](#) used in analyzing the data.

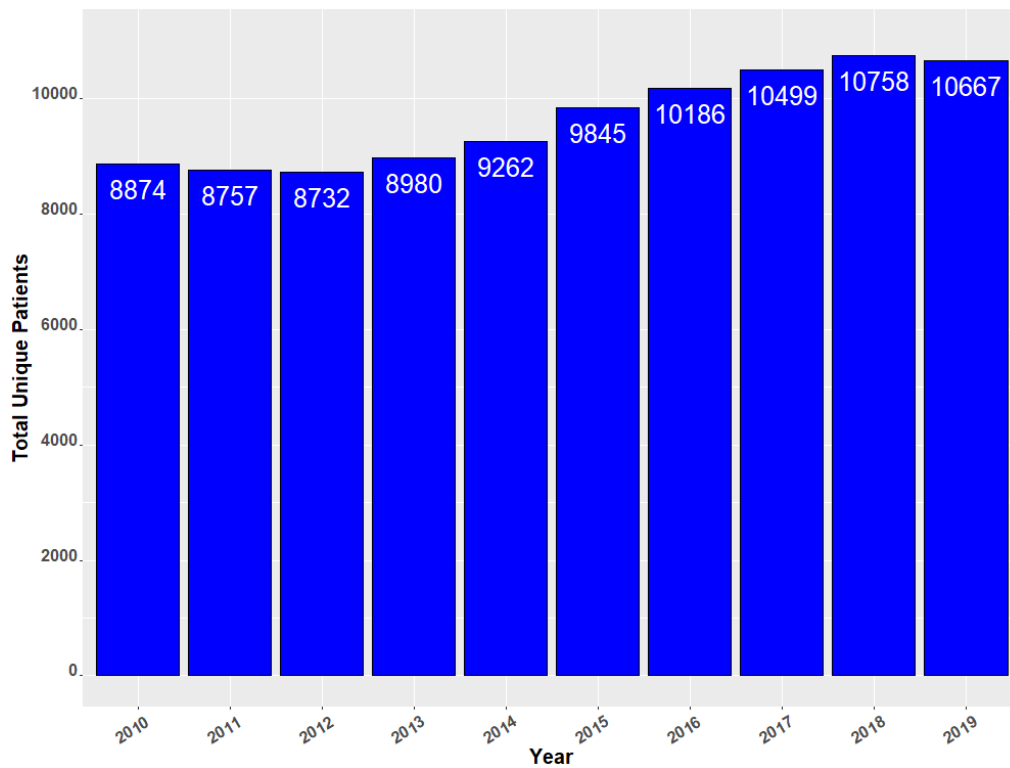
SECTION II: OVERVIEW OF VIOLENCE DATA

A. Summary of Yearly Population Increases at DSH

Because the DSH population directly impacts the computation of violence rates, this information is foundational to calculating and understanding violence rates presented in this report. Thus, it is presented first in this section.

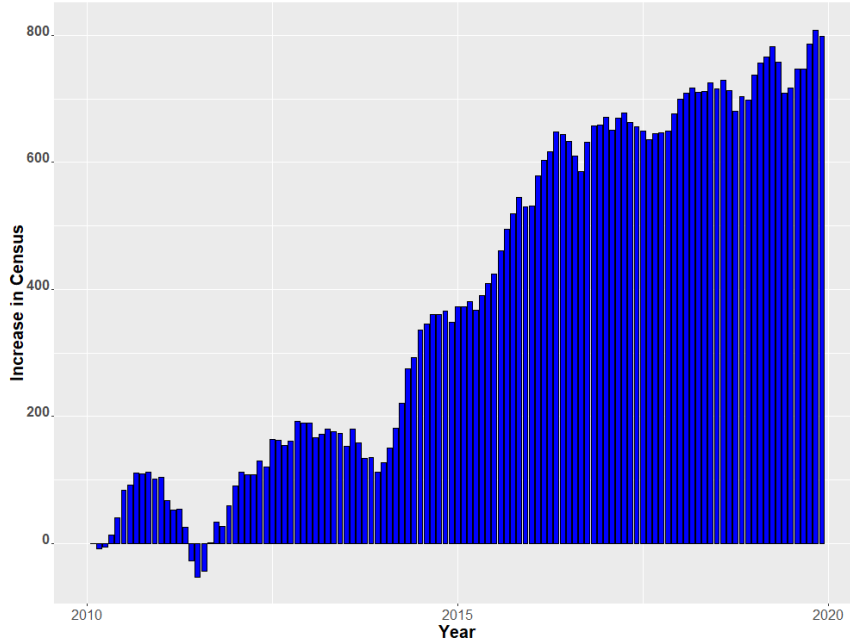
As shown in the figure below, the total number of patients treated during the year in DSH hospitals has been steadily increasing over time.

**Figure II.1**  
**DSH Hospitals Total Patients Treated, by Year**



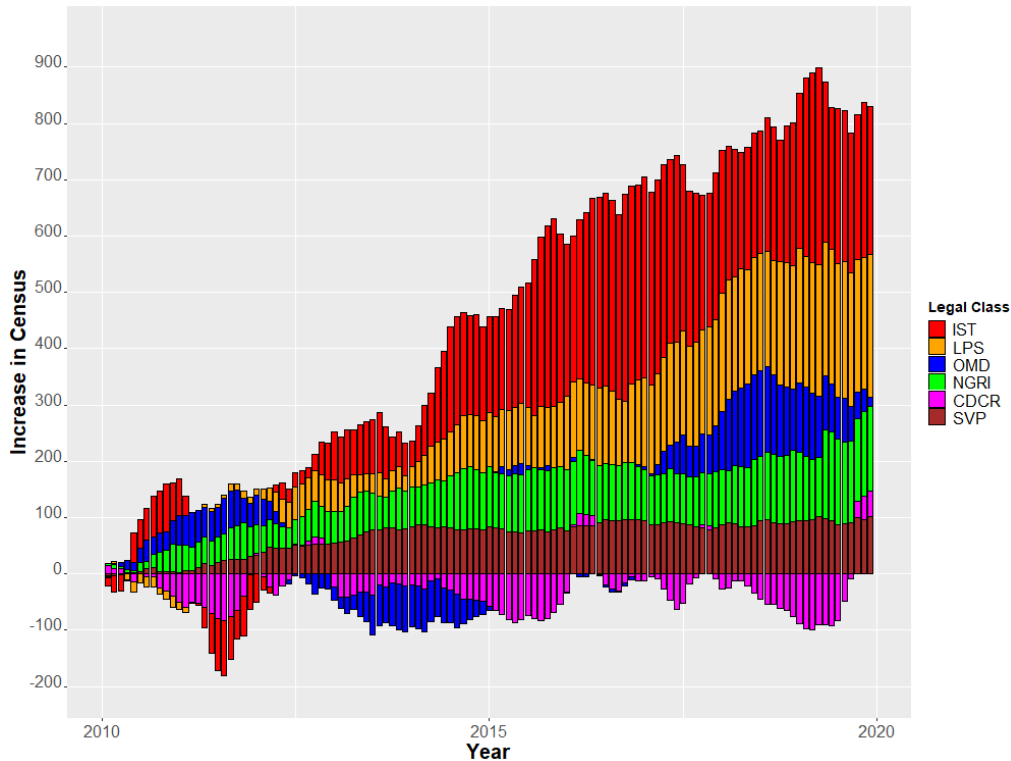
Similarly, the total number of patients residing in the hospital at any one time (tracked as the DSH “Average Daily Census”) has also been increasing over time. The next graph shows the increase in Average Daily Census (ADC) at all five DSH hospitals, using the census on January 1<sup>st</sup>, 2010 as the baseline.

**Figure II.2**  
**Change in Hospital Average Daily Census**



During 2019, the average daily census (ADC) increased 2.0% over 2018 (December 31, 2018 ADC was 6084.43, on December 31, 2019 the ADC was 6206.09). 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 Lanterman-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 II.3**  
**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 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.

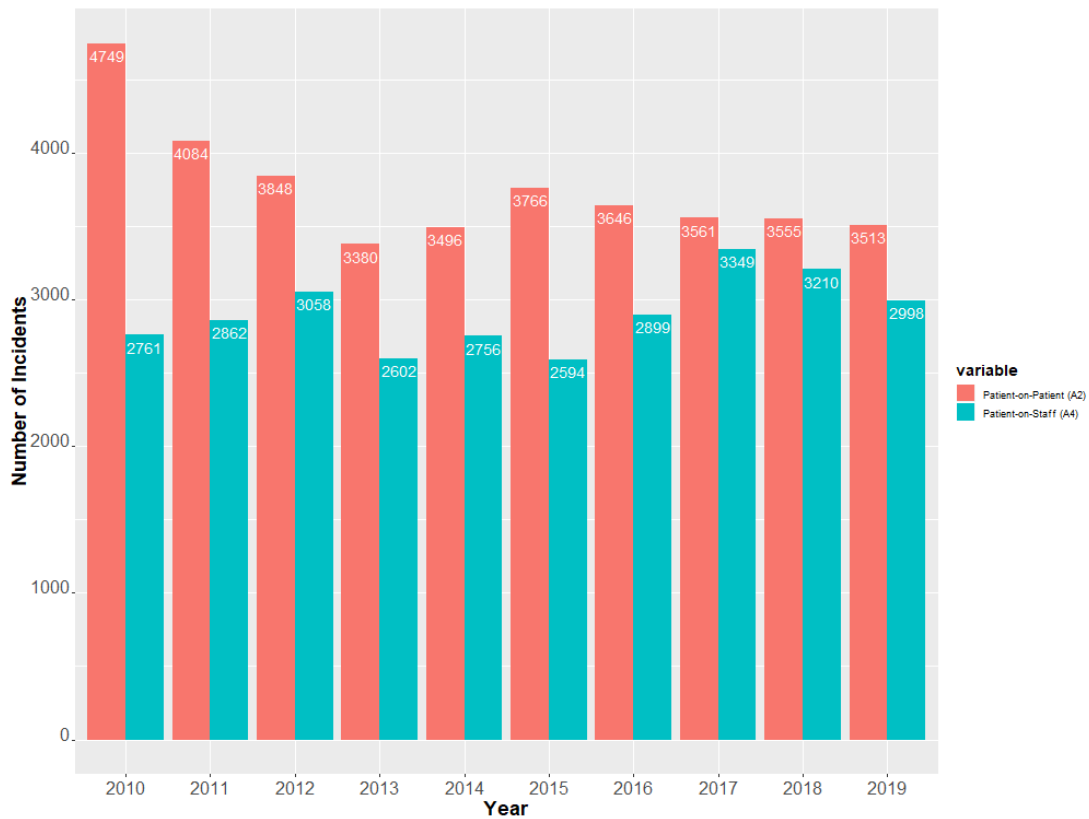
Patient on patient assaults are formally defined in DSH as “Aggressive Act to Another Patient - Physical: Hitting, pushing, kicking or similar acts directed against another individual to cause potential or actual injury,” and DSH staff use the code “A2” to report such an assault, hence the use of the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

## B. Yearly Rates of Patient and Staff Assaults

- ▶▶ In 2019, the rate of patient on patient assault decreased 2.1% from the year prior.
- ▶▶ In 2019, the overall rate of patient on staff assault decreased 7.5% from the year prior. The rate of staff assault where contact was made decreased 9.9% while the rate where contact was attempted decreased 5.8%.

As seen in the figure below of counts, the number of patient assaults on other patients (A2 patient on patient assaults) decreased in 2019, and the number of patient assaults against staff decreased (A4 patient on staff assaults). (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 II.4**  
**DSH Wide Count of Incidents, by Year**



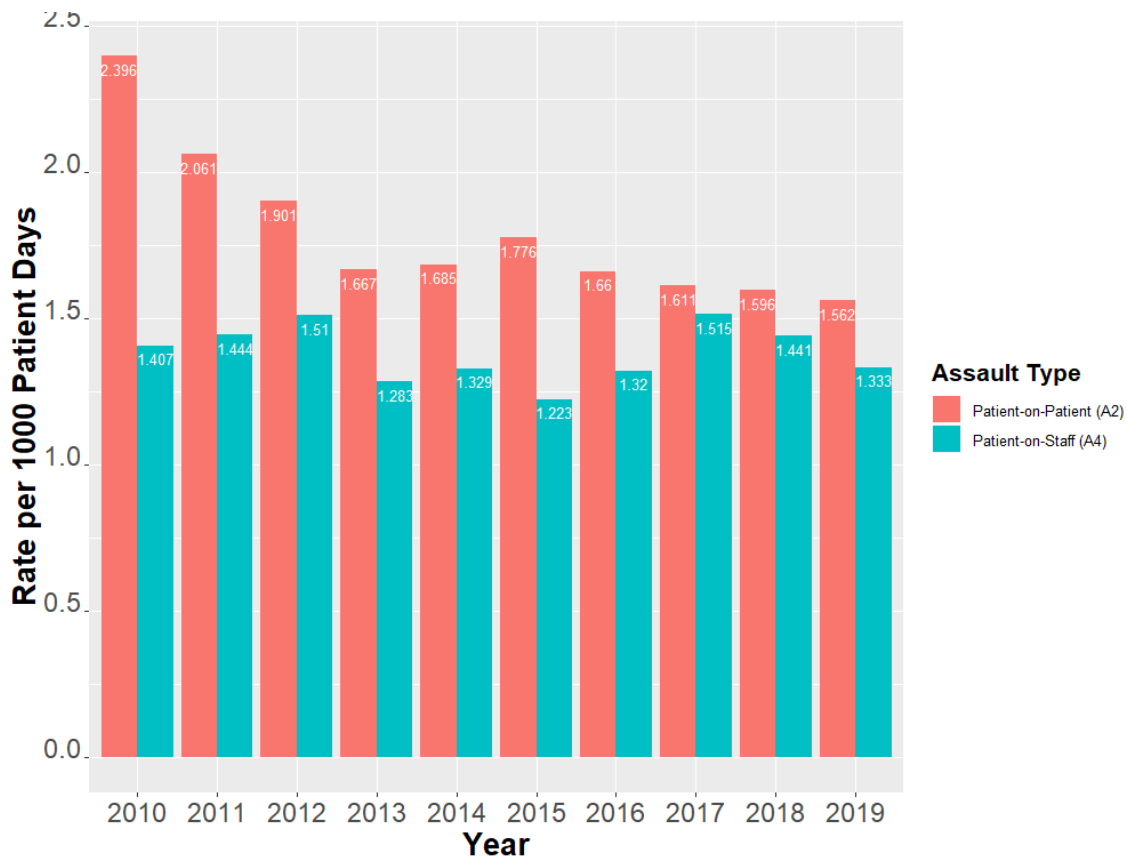
Note: Figure II.4 shows counts (not rates) of aggressive incidents against both patients (A2) and against staff (A4). These data include January 2010 data, see the paragraph above for a detailed explanation.

Since these totals do not take into account the increase in patient census, 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. Historically, DSH violence was reported in terms of “Monthly Totals,” which is a measurement that fluctuates depending on the days of the month. Additionally, monthly totals do not account for changes in patient census, which also impacts the amount of violent incidents in a month. A rate measure, such as number of assaults per 1000 patient days, offers a more precise way of measuring violence, to better inform leadership and 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 II.5**  
**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. 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 or yearly “Totals” are a 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.

### C. Staff Assault: Drill Down into “Contact Made” and “Contact Attempted”

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.

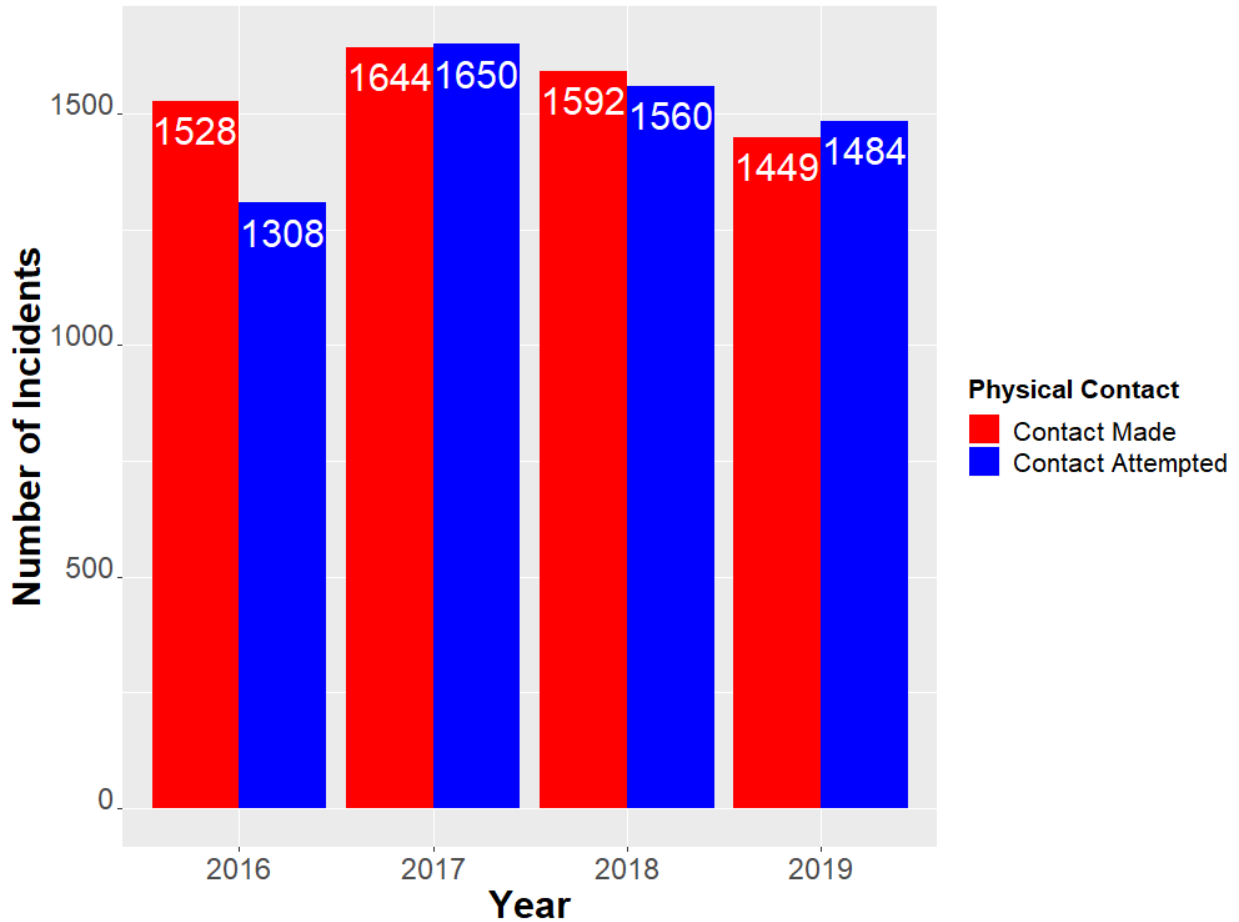
Furthermore, this change in coding now allows DSH to distinguish between violent incidents where a patient actually physically hit a staff or not. The counts and rates for this information on staff assaults starting with 2016 is presented in the next two figures.

Additionally, at this same meeting, a new category of staff assault was added, “A8 – Sexual Assault Against Staff.” Because this is coded exactly the same as A4 Physical Assault Against Staff, in regards to contact made/contact attempted, and because the overall numbers are very low (in 2019, 72 such incidents were reported) these were combined with the A4 Staff Assault incidents and reported as part of that category.

The violence totals by patients against other patients or against staff also do not include reported incidents of physical assault to family or other visitors that occur in DSH facilities. In 2019, 12 such incidents were reported.

Again, all data presented in this report is reported physical violence, where contact was either made or attempted. No incidents of verbal threats or abuse were reported.

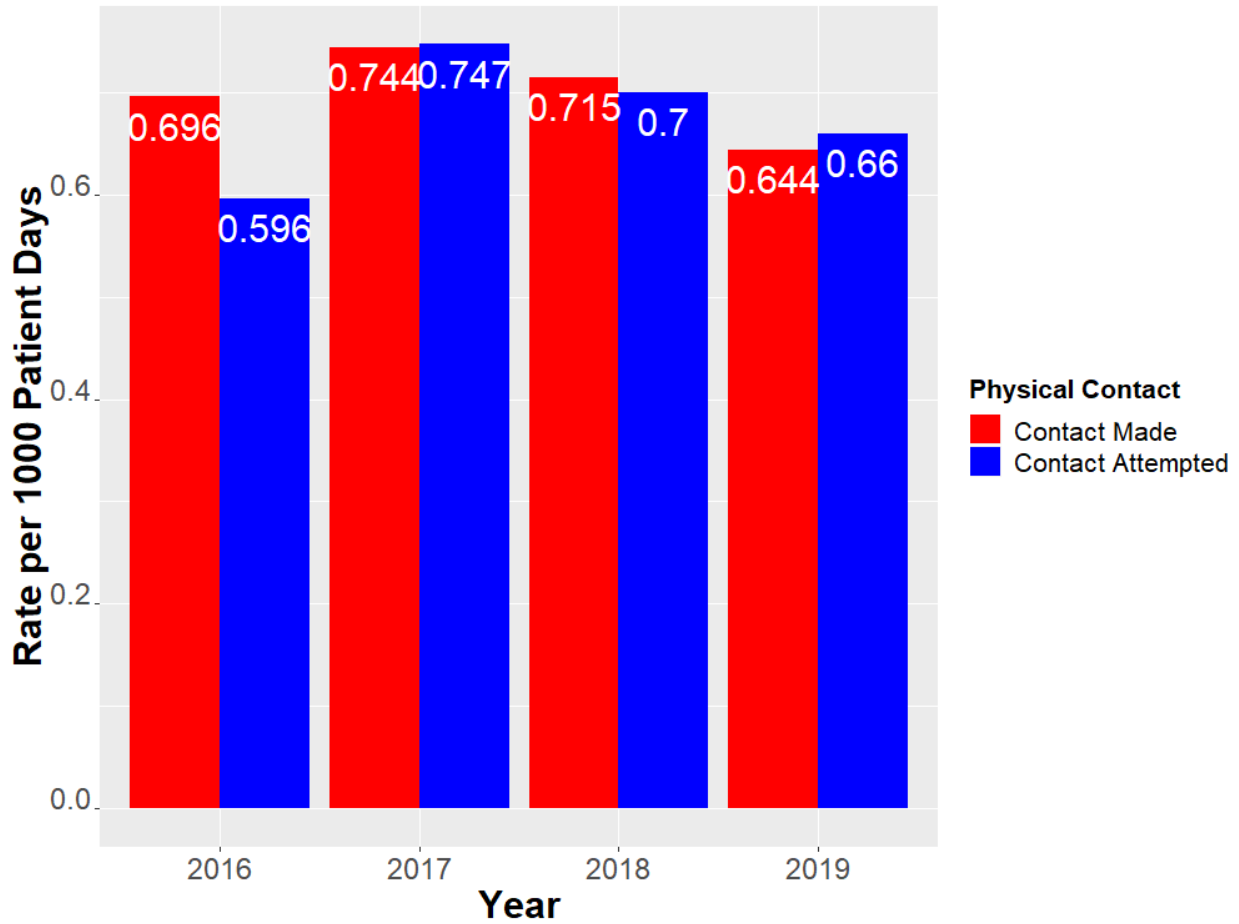
**Figure II.6**  
**DSH-Wide Count of Staff Assaults – Contact Made and Contact Attempted**



*Note: Rates may not add up consistently due to rounding. Also, if the staff assault write-up carried no information in the “Physical Contact” field, these incidents could not be included in the analysis and breakdown of this Physical Contact – Made or Attempted.*

Again, because counts are not an adequate method for tracking violence and comparing over time, the rates per 1000 patient days are presented in the next figure.

**Figure II.7**  
**DSH Wide Rate of Contact Made and Contact Attempted for Staff Assaults**



Note: Rates may not add up consistently due to rounding.

**Table II.1**  
**DSH – All Hospitals Staff Assaults – Physical Contact Made / Contact Attempted**

Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	1528	2196145	0.696	NA
2016	Contact Attempted	1308	2196145	0.596	NA
2017	Contact Made	1644	2210161	0.744	6.9
2017	Contact Attempted	1650	2210161	0.747	25.3
2018	Contact Made	1592	2227086	0.715	-3.9
2018	Contact Attempted	1560	2227086	0.700	-6.2
2019	Contact Made	1449	2248861	0.644	-9.9

2019	Contact Attempted	1484	2248861	0.660	-5.8
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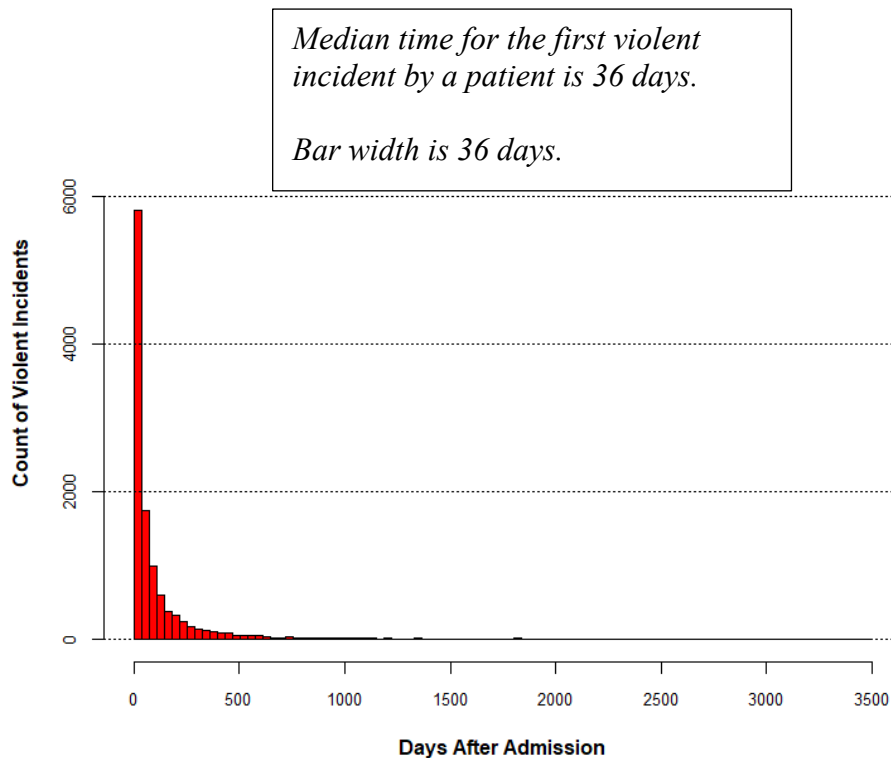
As seen in the table and graph above, both categories of staff assaults decreased, with the largest decrease (9.9%) seen in the category of “Physical Contact Made.”

SECTION III. SPECIAL TOPICS IN VIOLENCE AT STATE HOSPITALS

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

Admission to a new hospital is a known risk period for seriously mentally ill 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 III.1**  
**DSH New Admissions 2010-2019: When Violent Acts Occur – Days to First Violent Act After Admission**

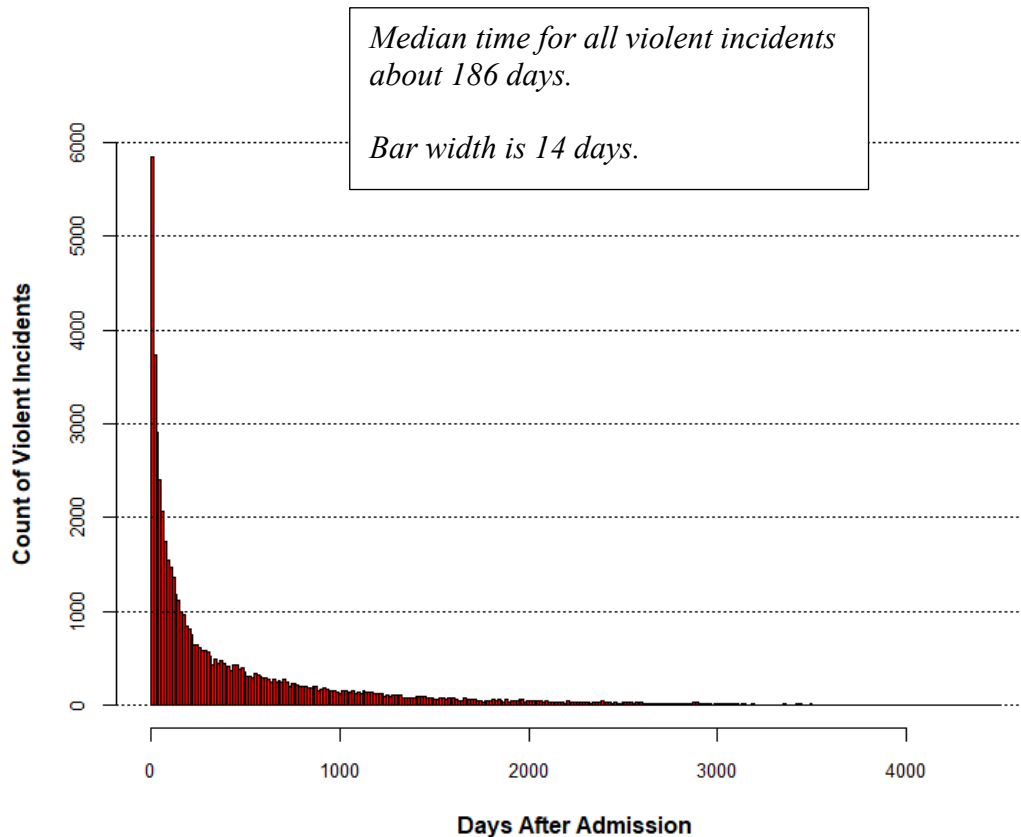


Note: the bars in this figure are 36 days wide, so the first bar shows the total number of violent acts during days 1-36, the second bar shows the total number of violent acts during days 36-70, etc.

The figure above shows when the first violent act by new admits (since 2010) occur. It is clear that the first violent act occurs soon after admission (median time after admission to first violent

act is 36 days). In fact, when all violent acts are reviewed (and not just the first act) most violent acts by newly admitted patients occur soon after admission (median time after admission for all violent acts for new admits is 186 days). This leaves very little margin for treatment teams to assess, plan and initiate treatments to reduce violence risk.

**Figure III.2**  
**DSH New Admissions 2010-2019: When Violent Acts Occur –**  
**All Violent Acts - Days After Admission**



*Note: the bars in this figure are 14 days wide, so the first bar shows the total number of violent acts during days 1-14, the second bar shows the total number of violent acts during days 15 - 28, etc.*

As can be seen by this figure, the time immediately after admission is a critical time for each patient and the staff treating them. In terms of violence, this is the time the patient is most at risk of committing a violent act. Similarly, this is also the time that other patients and staff are most at risk for getting assaulted by a patient. At the same time, this is also when DSH clinicians must start actively treating these patients, often with limited background and historical information that could be useful in reducing mental illness symptoms and violence in these patients.

## B. 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 during their hospitalization.

Examining the data on patients with violent incidents, Table II.1 shows that during the most recent full calendar year (2019), 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. This relationship has been shown to be statistically significant, and predictive of future violence.

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

VIOLENT ACTS	PATIENTS	% COMMITTING ANOTHER ACT
0	8438	-
1 or more	2230	-
2 or more	1131	1131 / 2230 = 50.7%
3 or more	695	695 / 1131 = 61.4%
4 or more	481	481 / 695 = 69.2%
5 or more	348	348 / 481 = 72.3%
6 or more	278	278 / 348 = 79.9%
7 or more	225	225 / 278 = 80.9%
8 or more	186	186 / 225 = 82.7%
9 or more	161	161 / 186 = 86.6%
10 or more	143	143 / 161 = 88.8%



### C. Violent Patients Have a Longer Length of Stay

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

During 2010-2019, for patients admitted and discharged during this time period, the median length of days hospitalized 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 was almost seven times that of a patient with no violent acts (see Table III.2, below). This is even true for patients with shorter hospitalizations, such as the ISTs.

**Table III.2  
Median Length of Hospitalization (In Days) for Patients in 2019, All Legal Classes**

NUMBER OF VIOLENT ACTS	MEDIAN HOSPITALIZATION (DAYS)
None	124
One	178
Two	220
Three or Four	393
Five to Nine	450
Ten or More	827

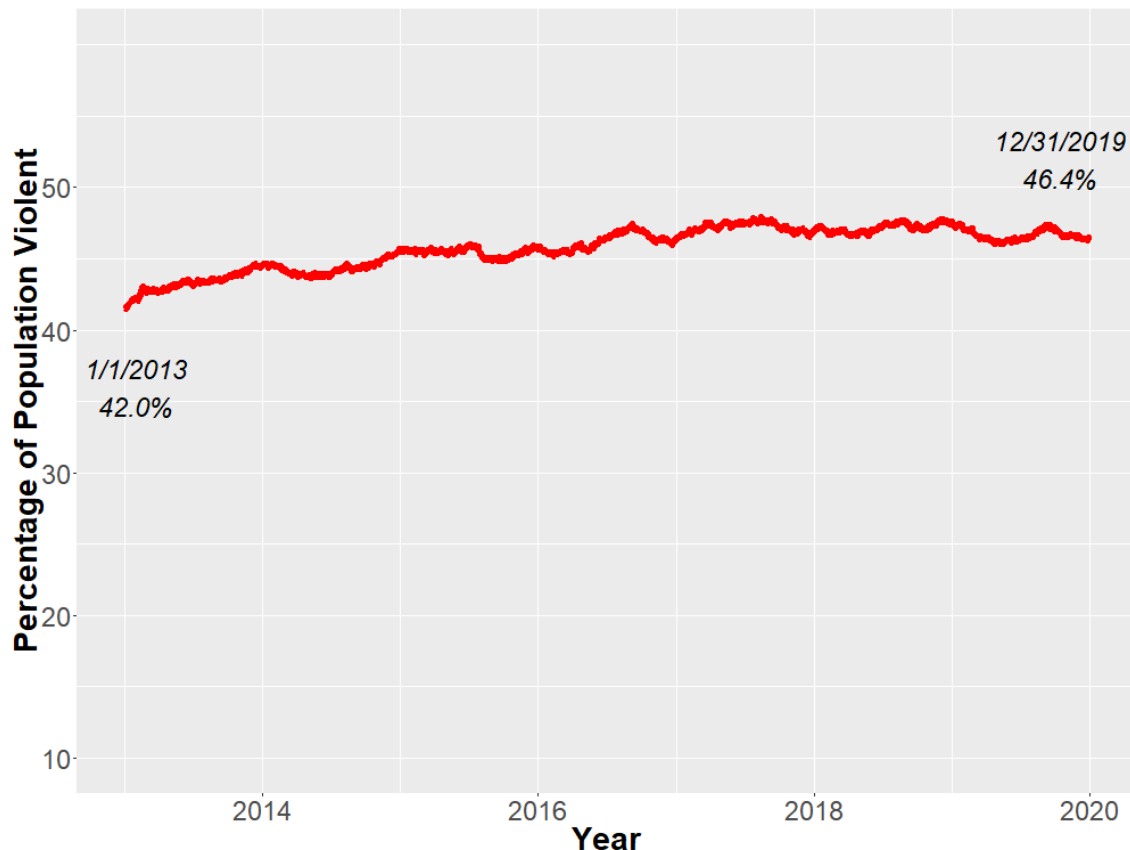
These longer periods of hospitalization for the most violent patients has the consequence of increasing the percentage of violent patients (see the next section, [Section III.D](#))

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

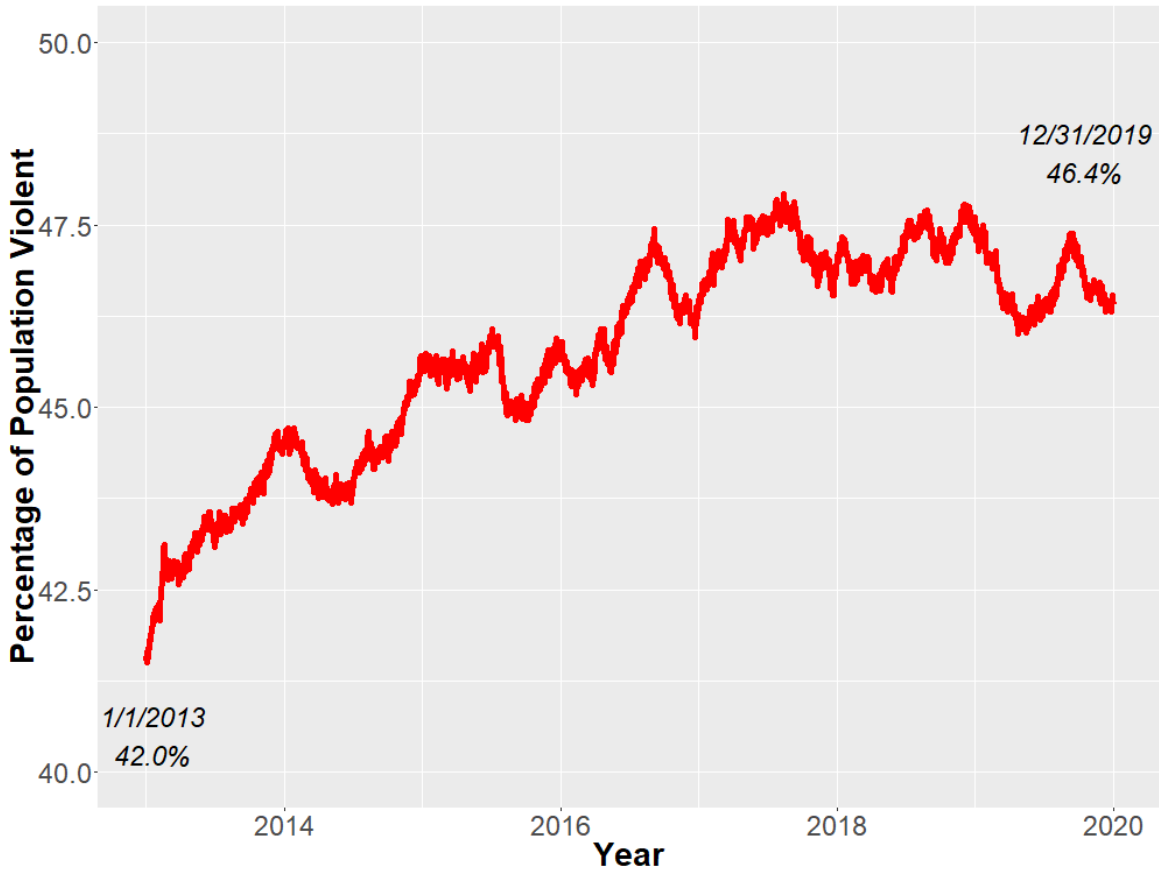
Because of both a) the more rapid admission and discharge of patients who are not violent in DSH hospitals and b) the increased length of stay/hospitalization for patients who are violent in DSH, the overall percentage of patients residing in hospital who committed one or more violent acts while hospitalized 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 III.3 (and in more detail on Figure III.4) the percentage of patients residing in DSH who were violent in a DSH hospital during their treatment stay has recently leveled off after several years of steady increases.

**Figure III.3**  
**DSH Hospitals 2013-2019 Daily Percentage of In-Hospital Assaultive Patients Residing in Hospitals**



**Figure III.4**  
**DSH Hospitals 2013-2019 Daily Percentage of In-Hospital Assaultive Patients Residing in Hospitals**

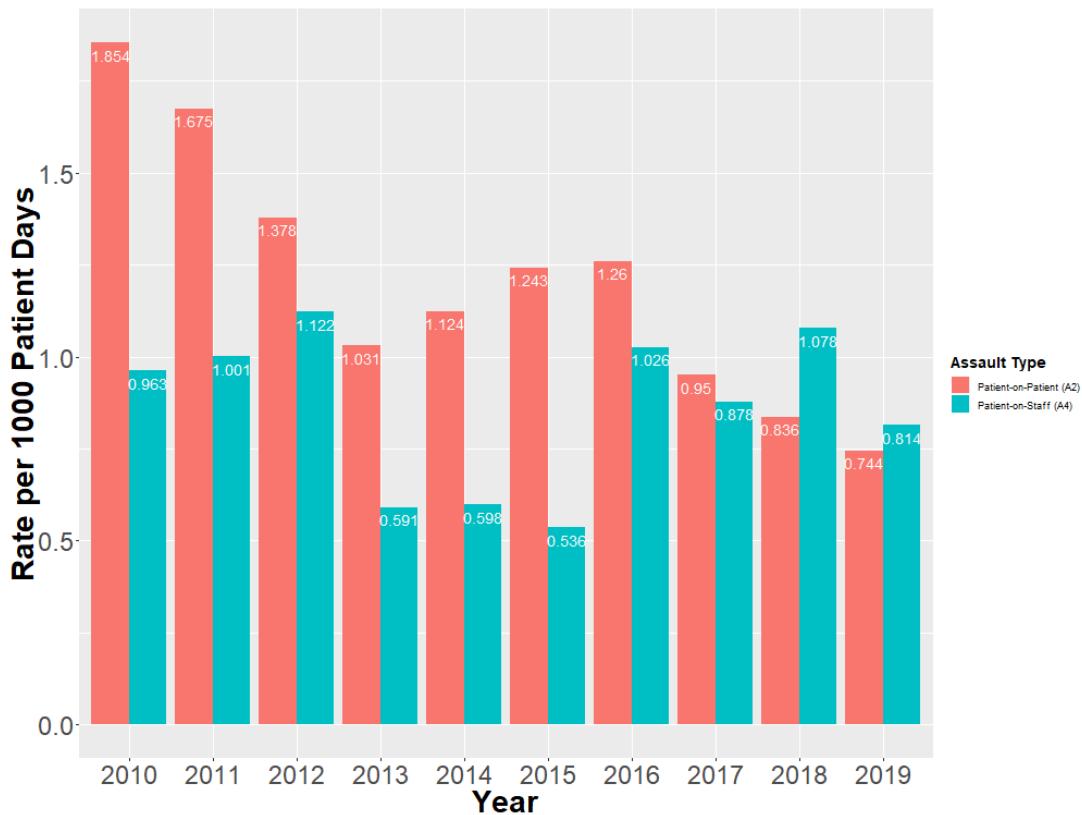


These factors are important to note. Because patients with a history of violence while hospitalized are more likely to be violent again during their hospitalization, and the above-mentioned trends show the increased growth in hospitalization of those who are violent while hospitalized (due to increased admission and discharge of patients who are not violent), there is cause to be concerned about the potential for increased risk and exposure to violence in DSH hospitals, for all patients and staff.

SECTION IV. HOSPITAL RATES OF VIOLENCE

A. DSH-Atascadero

**Figure IV.1**  
**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. See [Section II.1.C](#) for further details.

- While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults decreased 12.4% from the 2018 (Table IV.A.1), while the number of patient on staff assaults decreased by 25.8% from 2018 (see Table IV.A.2).
- Coupled with a population decrease (measured in “total patient days”) in 2019 of 1.6%, the rate of patient on patient assault decreased 11.0% from 2018 (see Table IV.A.1), while the rate of patient on staff assault decreased 24.5% from 2018 (see Table IV.A.2).

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

**Table IV.A.1**  
**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	414309	1.854	NA
2011	684	408478	1.675	-9.7
2012	550	399192	1.378	-17.7
2013	396	384206	1.031	-25.2
2014	442	393302	1.124	9
2015	503	404796	1.243	10.6
2016	538	427041	1.26	1.4
2017	408	429536	0.95	-24.6
2018	355	424745	0.836	-12
2019	311	417873	0.744	-11

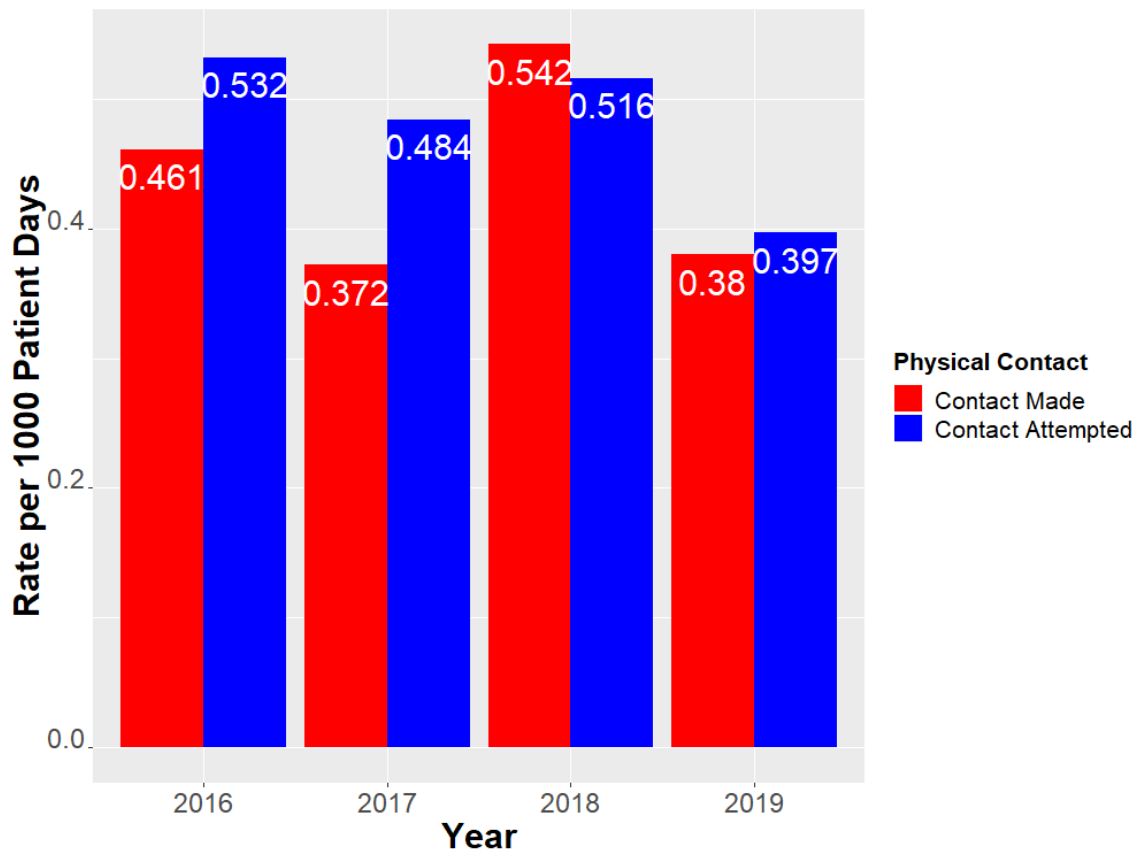
**Table IV.A.2**  
**DSH-Atascadero Yearly A4 Patient on Staff Assault Summary**

YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	399	414309	0.963	NA
2011	409	408478	1.001	3.9
2012	448	399192	1.122	12.1
2013	227	384206	0.591	-47.3
2014	235	393302	0.598	1.2
2015	217	404796	0.536	-10.4
2016	438	427041	1.026	91.4
2017	377	429536	0.878	-14.4
2018	458	424745	1.078	22.8
2019	340	417873	0.814	-24.5

*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. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities.*

The following figure and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure IV.A.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Atascadero**



**Table IV.A.3**  
**DSH – Atascadero Staff Assaults – Physical Contact Made and Contact Attempted**

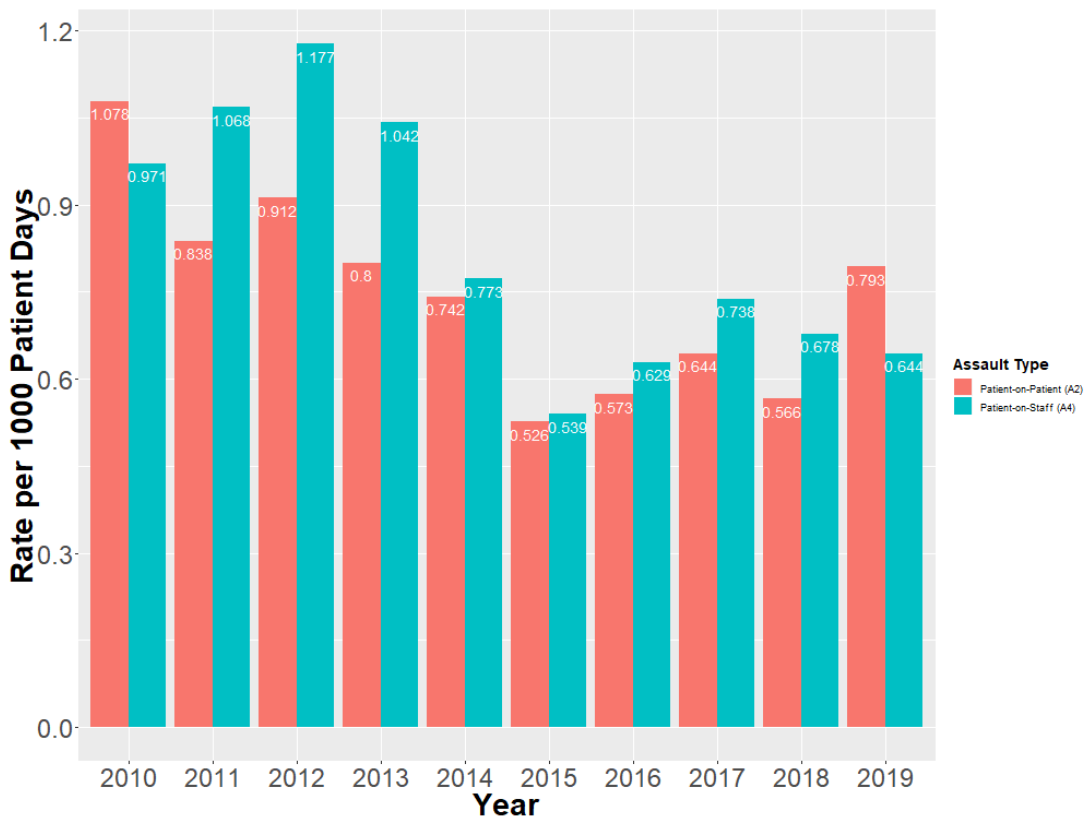
Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	197	427041	0.461	NA
2016	Contact Attempted	227	427041	0.532	NA
2017	Contact Made	160	429536	0.372	-19.3
2017	Contact Attempted	208	429536	0.484	-8.9
2018	Contact Made	230	424745	0.542	45.4
2018	Contact Attempted	219	424745	0.516	6.5

2019	Contact Made	159	417873	0.38	-29.7
2019	Contact Attempted	166	417873	0.397	-23

As seen in the graph and table above, both categories of staff assault decreased, with the largest decrease (-29.7%) seen in the category of “Physical Contact Made.”

B. DSH-Coalinga

**Figure IV.B.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Coalinga**



- While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults increased 47.4% from the 2018 total (see Table IV.B.1), while the number of patient on staff assaults remained unchanged from 2018 (see Table IV.B.2).
- Coupled with a population increase (measured in “total patient days”) in 2019 of 5.2%, the rate of patient on patient assault increased 40.1% from 2018 (see Table IV.B.1), while the rate of patient on staff assault decreased 5.0% from 2018 (see Table IV.B.2).



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

**Table IV.B.1**  
**DSH-Coalinga Yearly A2 Patient on Patient Assault Summary**

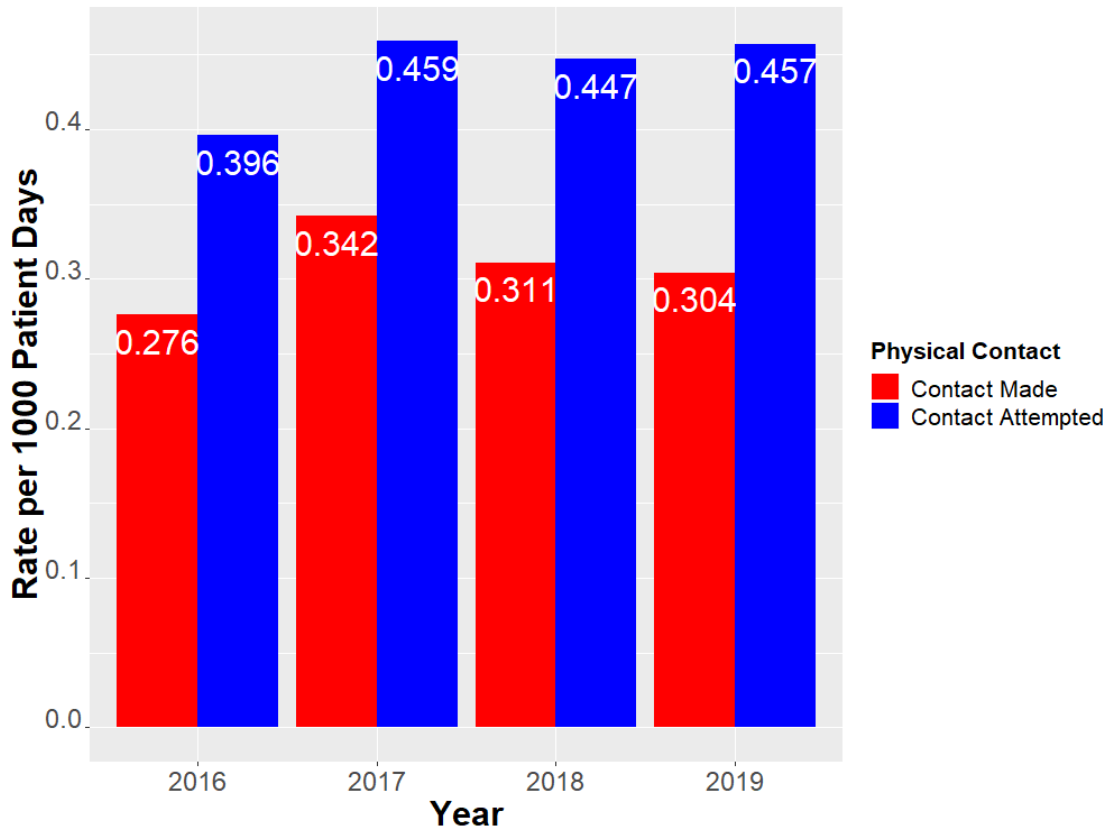
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	375	347927	1.078	NA
2011	295	352043	0.838	-22.3
2012	345	378122	0.912	8.8
2013	318	397491	0.8	-12.3
2014	313	421876	0.742	-7.2
2015	233	443186	0.526	-29.1
2016	267	465622	0.573	8.9
2017	302	468994	0.644	12.4
2018	274	483820	0.566	-12.1
2019	404	509211	0.793	40.1

**Table IV.B.2**  
**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	338	347927	0.971	NA
2011	376	352043	1.068	10
2012	445	378122	1.177	10.2
2013	414	397491	1.042	-11.5
2014	326	421876	0.773	-25.8
2015	239	443186	0.539	-30.3
2016	293	465622	0.629	16.7
2017	346	468994	0.738	17.3
2018	328	483820	0.678	-8.1
2019	328	509211	0.644	-5.0

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure IV.B.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Coalinga**



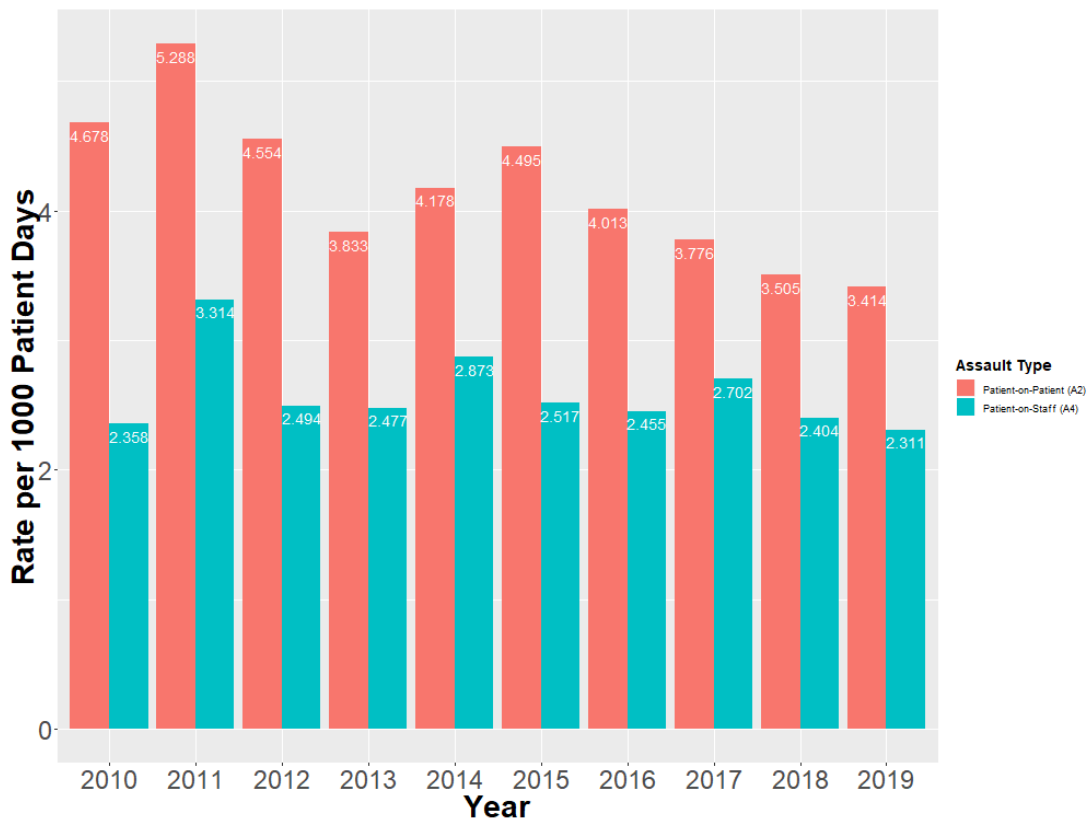
**Table IV.B.3**  
**DSH – Coalinga Staff Assaults – Physical Contact Made and Contact Attempted**

Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	118	427041	0.276	NA
2016	Contact Attempted	169	427041	0.396	NA
2017	Contact Made	147	429536	0.342	23.9
2017	Contact Attempted	197	429536	0.459	15.9
2018	Contact Made	132	424745	0.311	-9.2
2018	Contact Attempted	190	424745	0.447	-2.5
2019	Contact Made	127	417873	0.304	-2.2
2019	Contact Attempted	191	417873	0.457	2.2

As seen in the table and graph above, the category “Physical Contact Made” decreased 2.2%, while the category of “Physical Contact Attempted” saw an increase of 2.2%.

C. DSH-Metropolitan

**Figure IV.C.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Metropolitan**



- While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults decreased 1.4% from the 2018 total (see Table IV.C.1), while the number of patient on staff assaults decreased by 2.7% from 2018 (see Table IV.C.2).
- Coupled with a population increase (measured in “total patient days”) in 2019 of 1.2%, the rate of patient on patient assault decreased 2.6% from 2018 (see Table IV.C.1), while the rate of patient on staff assault decreased 3.9% from 2018 (see Table IV.C.2).

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

**Table IV.C.1**  
**DSH-Metropolitan Yearly A2 Patient on Patient Assault Summary**

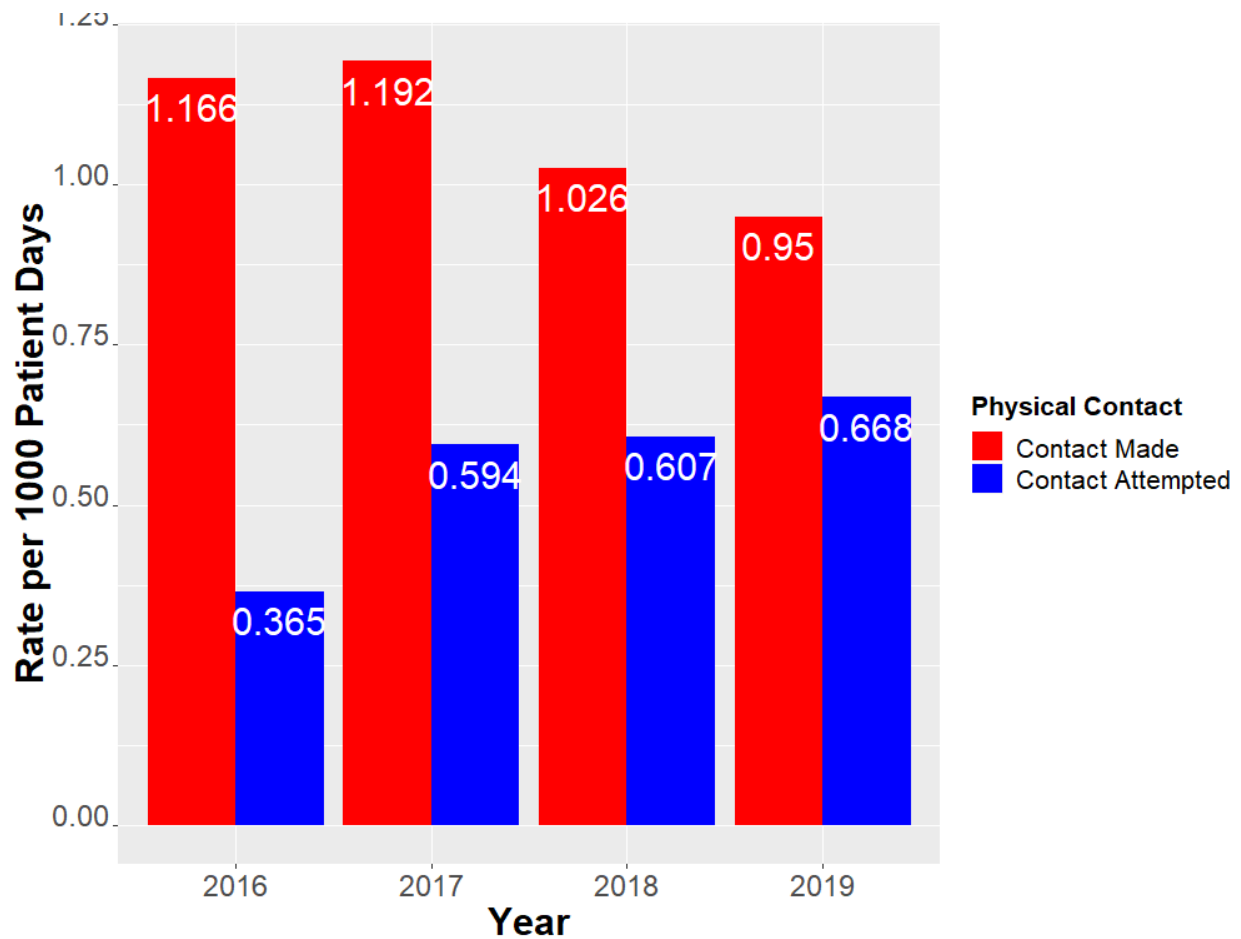
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1103	235766	4.678	NA
2011	1197	226342	5.288	13
2012	1070	234939	4.554	-13.9
2013	916	238968	3.833	-15.8
2014	1079	258248	4.178	9
2015	1200	266946	4.495	7.6
2016	1100	274139	4.013	-10.7
2017	1097	290523	3.776	-5.9
2018	1035	295325	3.505	-7.2
2019	1021	299020	3.414	-2.6

**Table IV.C.2**  
**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	556	235766	2.358	NA
2011	750	226342	3.314	40.5
2012	586	234939	2.494	-24.7
2013	592	238968	2.477	-0.7
2014	742	258248	2.873	16
2015	672	266946	2.517	-12.4
2016	673	274139	2.455	-2.5
2017	785	290523	2.702	10.1
2018	710	295325	2.404	-11
2019	691	299020	2.311	-3.9

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure IV.C.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Metropolitan**



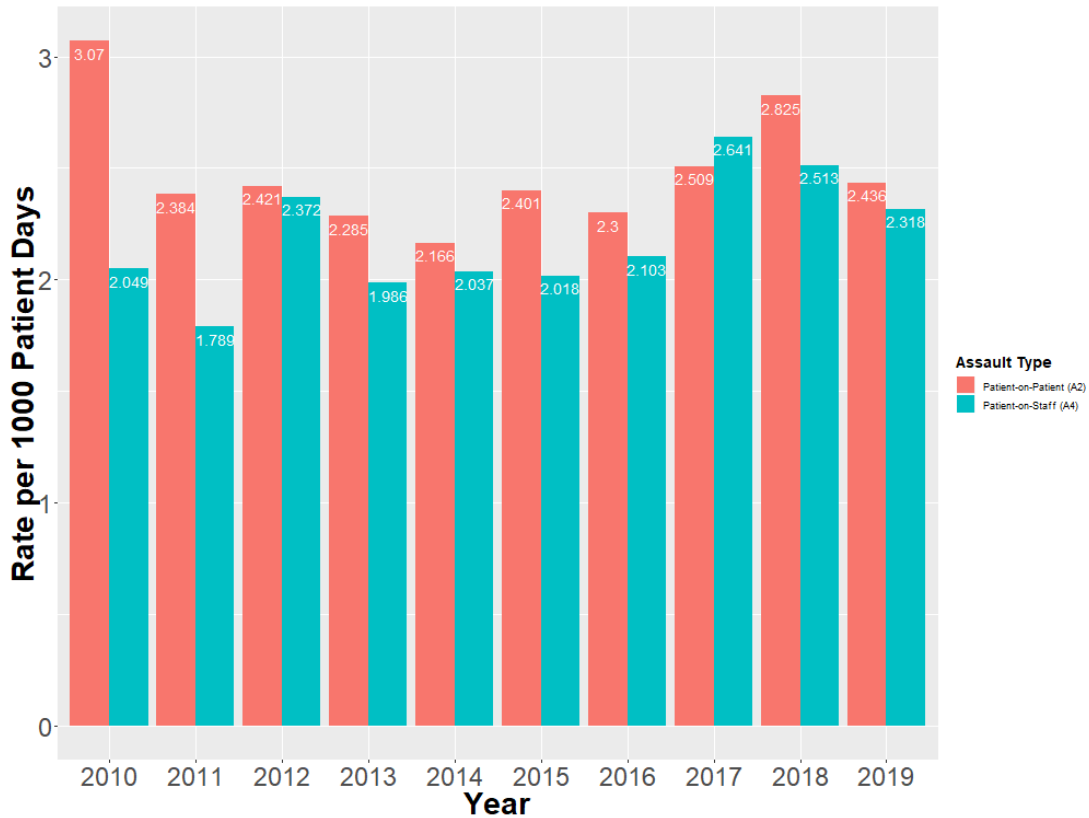
**Table IV.C.3**  
**DSH – Metro Staff Assaults – Physical Contact Made and Contact Attempted**

Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	498	427041	1.166	NA
2016	Contact Attempted	156	427041	0.365	NA
2017	Contact Made	512	429536	1.192	2.2
2017	Contact Attempted	255	429536	0.594	62.5
2018	Contact Made	436	424745	1.026	-13.9
2018	Contact Attempted	258	424745	0.607	2.3
2019	Contact Made	397	417873	0.95	-7.4
2019	Contact Attempted	279	417873	0.668	9.9

As seen in the table and graph above, the category of “Physical Contact Attempted” increased 9.9% from the previous year, while the category of “Physical Contact Made” decreased 7.4%.

D. DSH-Napa

**Figure IV.D.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Napa**



- ▶▶ While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults decreased 8.5% from the 2018 total (see Table IV.D.1), while the number of patient on staff assaults decreased by 8.6% from 2018 (see Table IV.D.2).
- ▶▶ Coupled with a population increase (measured in “total patient days”) in 2019 of 2.0%, the rate of patient on patient assault decreased 13.8% from 2018 (see Table IV.D.1), while the rate of patient on staff assault decreased 7.8% from 2018 (see Table IV.D.2).

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



**Table IV.D.1**  
**DSH-Napa Yearly A2 Patient on Patient Assault Summary**

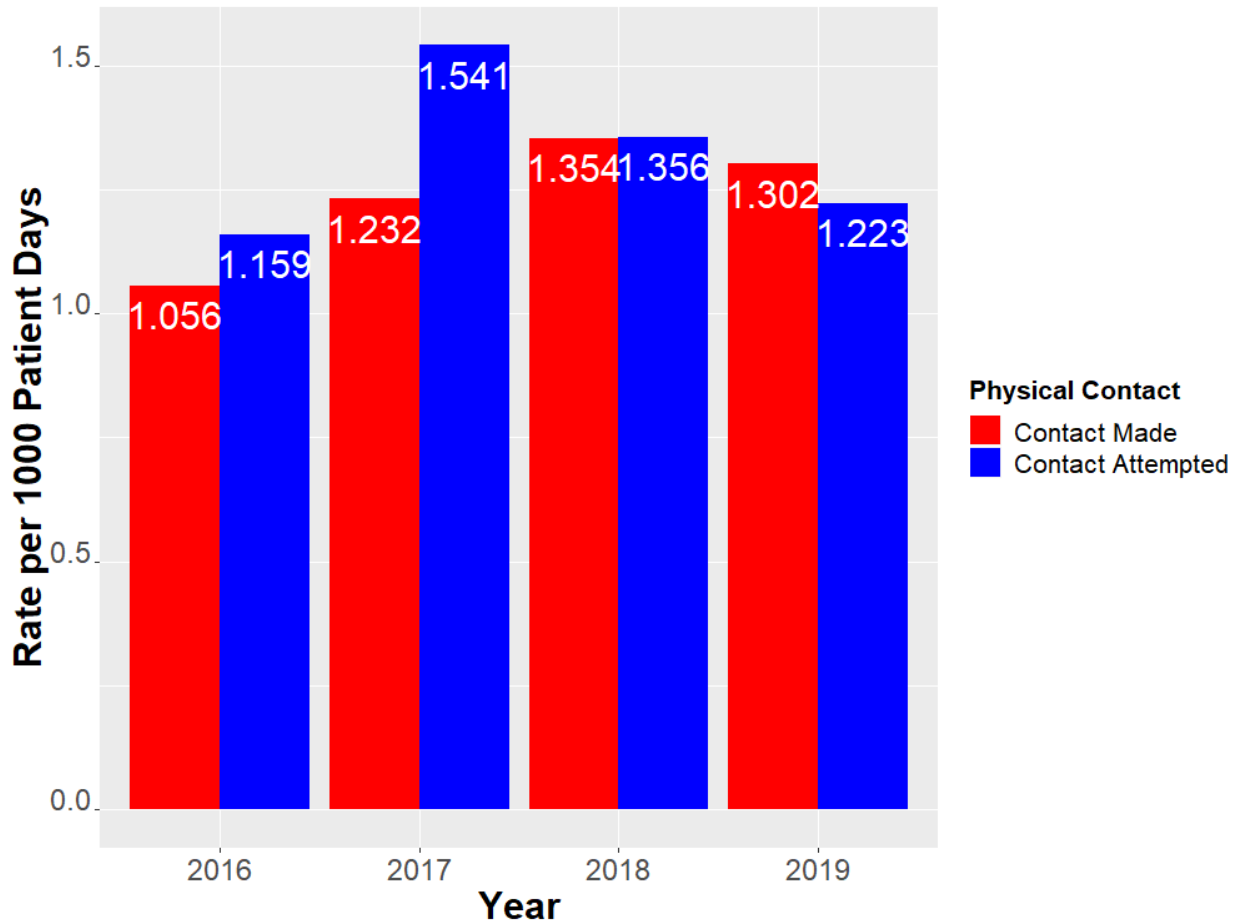
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1311	427063	3.07	NA
2011	1026	430457	2.384	-22.3
2012	1068	441062	2.421	1.6
2013	999	437112	2.285	-5.6
2014	939	433562	2.166	-5.2
2015	1055	439490	2.401	10.8
2016	1052	457470	2.3	-4.2
2017	1145	456309	2.509	9.1
2018	1314	465118	2.825	12.6
2019	1123	461076	2.436	-13.8

**Table IV.D.2**  
**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	875	427063	2.049	NA
2011	770	430457	1.789	-12.7
2012	1046	441062	2.372	32.6
2013	868	437112	1.986	-16.3
2014	883	433562	2.037	2.6
2015	887	439490	2.018	-0.9
2016	962	457470	2.103	4.2
2017	1205	456309	2.641	25.6
2018	1169	465118	2.513	-4.8
2019	1069	461076	2.318	-7.8

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure IV.D.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Napa**



**Table IV.D.3**  
**DSH – Napa Staff Assaults – Physical Contact Made and Contact Attempted**

Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	451	427041	1.056	NA
2016	Contact Attempted	495	427041	1.159	NA
2017	Contact Made	529	429536	1.232	16.6
2017	Contact Attempted	662	429536	1.541	33
2018	Contact Made	575	424745	1.354	9.9
2018	Contact Attempted	576	424745	1.356	-12
2019	Contact Made	544	417873	1.302	-3.8
2019	Contact Attempted	511	417873	1.223	-9.8

As seen in the table and graph above, both categories saw decreases; the category of “Physical Contact Made” decreased by a rate of 3.8%, while the category of “Physical Contact Attempted” decreased by 9.8%.

E. DSH-Patton

**Figure IV.E.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Patton**



- ▶▶ While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults increased 13.3% from the 2018 total (see Table IV.E.1), while the number of patient on staff assaults increased by 4.6% from 2018 (see Table IV.E.2).
- ▶▶ Coupled with a population increase (measured in “total patient days”) in 2019 of 0.6%, the rate of patient on patient assault increased 12.6% from 2018 (see Table IV.E.1), while the rate of patient on staff assault increased 3.9% from 2018 (see Table IV.E.2).

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

**Table IV.E.1**  
**DSH-Patton Yearly A2 Patient on Patient Assault Summary**

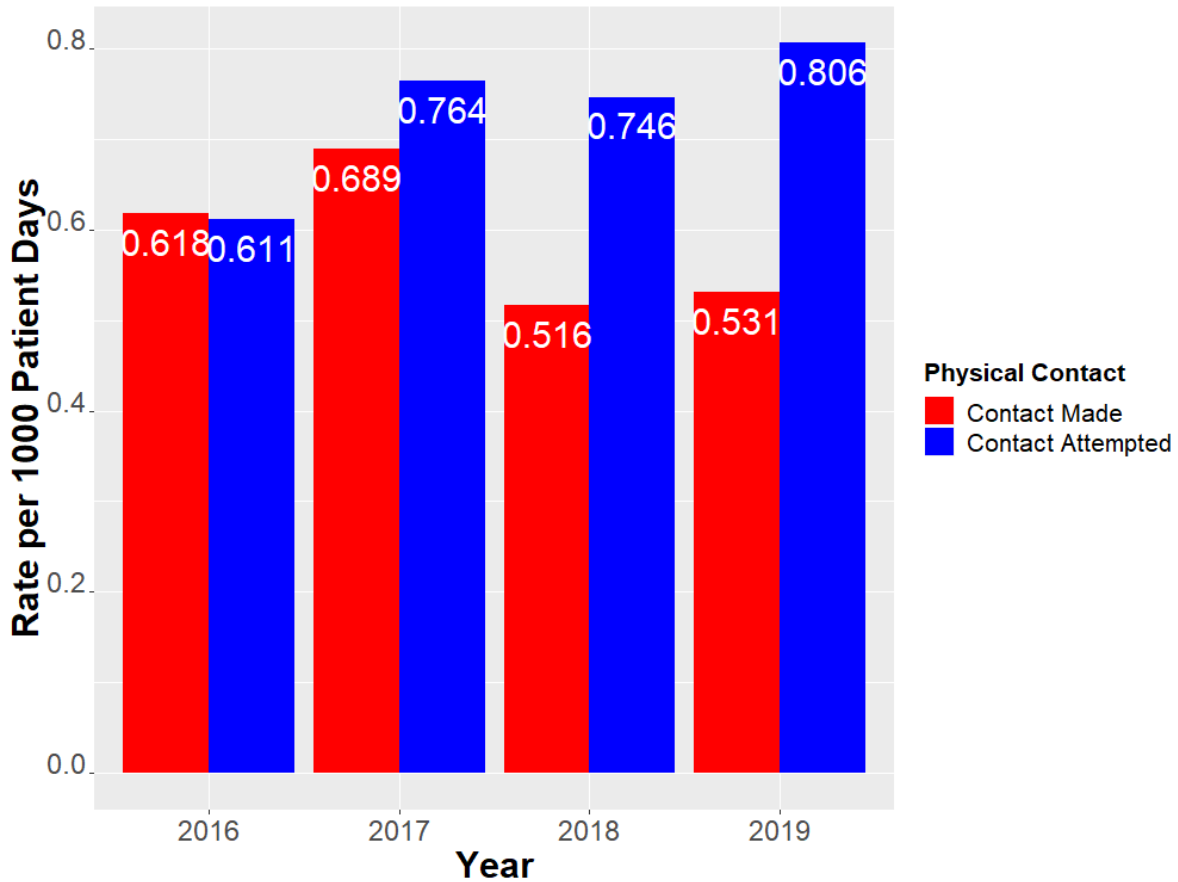
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1192	574958	2.073	NA
2011	882	564493	1.562	-24.7
2012	815	571324	1.427	-8.6
2013	751	569788	1.318	-7.6
2014	723	567247	1.275	-3.3
2015	775	566388	1.368	7.3
2016	689	571873	1.205	-11.9
2017	609	564799	1.078	-10.5
2018	577	558078	1.034	-4.1
2019	654	561681	1.164	12.6

**Table IV.E.2**  
**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	593	574958	1.031	NA
2011	557	564493	0.987	-4.3
2012	533	571324	0.933	-5.5
2013	501	569788	0.879	-5.8
2014	570	567247	1.005	14.3
2015	579	566388	1.022	1.7
2016	533	571873	0.932	-8.8
2017	636	564799	1.126	20.8
2018	545	558078	0.977	-13.2
2019	570	561681	1.015	3.9

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure IV.E.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Patton**



**Table IV.E.3**  
**DSH – Patton Staff Assaults – Physical Contact Made and Contact Attempted**

Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	264	427041	0.618	NA
2016	Contact Attempted	261	427041	0.611	NA
2017	Contact Made	296	429536	0.689	11.5
2017	Contact Attempted	328	429536	0.764	24.9
2018	Contact Made	219	424745	0.516	-25.2
2018	Contact Attempted	317	424745	0.746	-2.3
2019	Contact Made	222	417873	0.531	3
2019	Contact Attempted	337	417873	0.806	8.1

As seen in the table and graph above, both categories of staff assaults increased, with the largest increase (8.1%) seen in the category of “Physical Contact Attempted.”

## SECTION V: NUMBER OF INDIVIDUAL (UNIQUE) PATIENT AGGRESSORS

### A. Patients and Aggressors in 2019

As can be seen in Figure V.1, in 2019 the number of patients treated in DSH hospitals totaled 10,667. Most patients (8,437) were not violent, but 2,230 patients were violent (the number of patients having 1-9 violent acts was 2,087, those with 10 or more violent acts numbered 143).

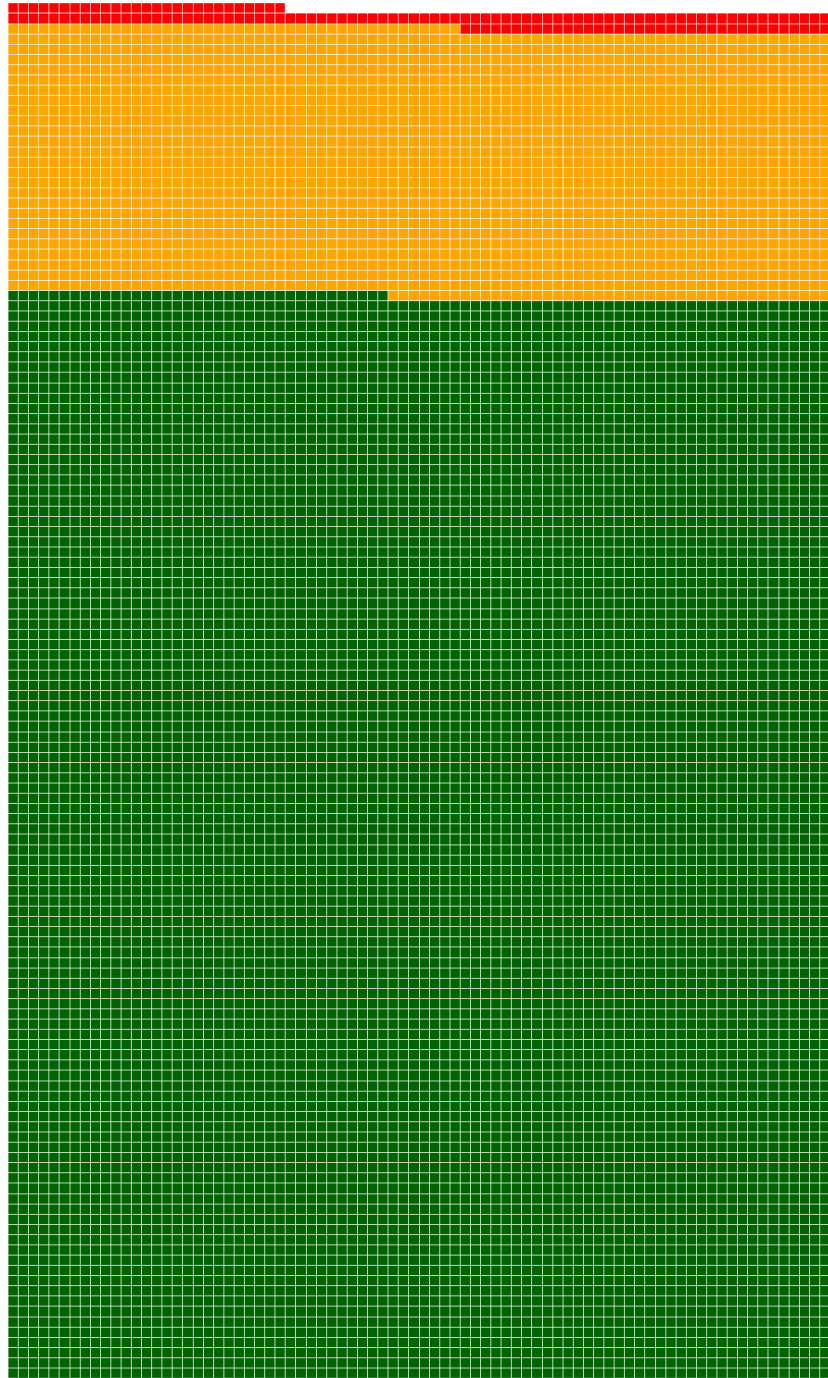
Thus, violent patients as a percentage of all patients treated were about 20.9% of all those treated during 2019. As noted previously in [Section III.C.](#), because the hospitals will more rapidly discharge non-violent patients and retain violent patients for further treatment, at any given time, the hospital population had a much higher percentage of violent patients, usually between 42 to 47%.

In 2019, the 143 patients with 10 or more violent incidents in that year accounted for 41.5% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

This pattern of a small number of patients causing a larger percentage of violent acts is a pattern that is consistently seen throughout the years; please refer to [Appendix F](#) for a similar review of the years 2010 – 2018.



**Figure V.1**  
**2019 DSH Patients and Aggressors, 1 Square = 1 Patient**



■ Non-Violent Patients (8437) ■ Violent Patients <10 Incidents (2087) ■ Repeatedly Violent Patients (143)

**SECTION VI: PATIENT INJURY SEVERITY DATA**

In this section, information on patient injury severity is presented for the patient victims of patient assault.

The information on injury severity is given by the 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 injury level), see the descriptors in the table below:

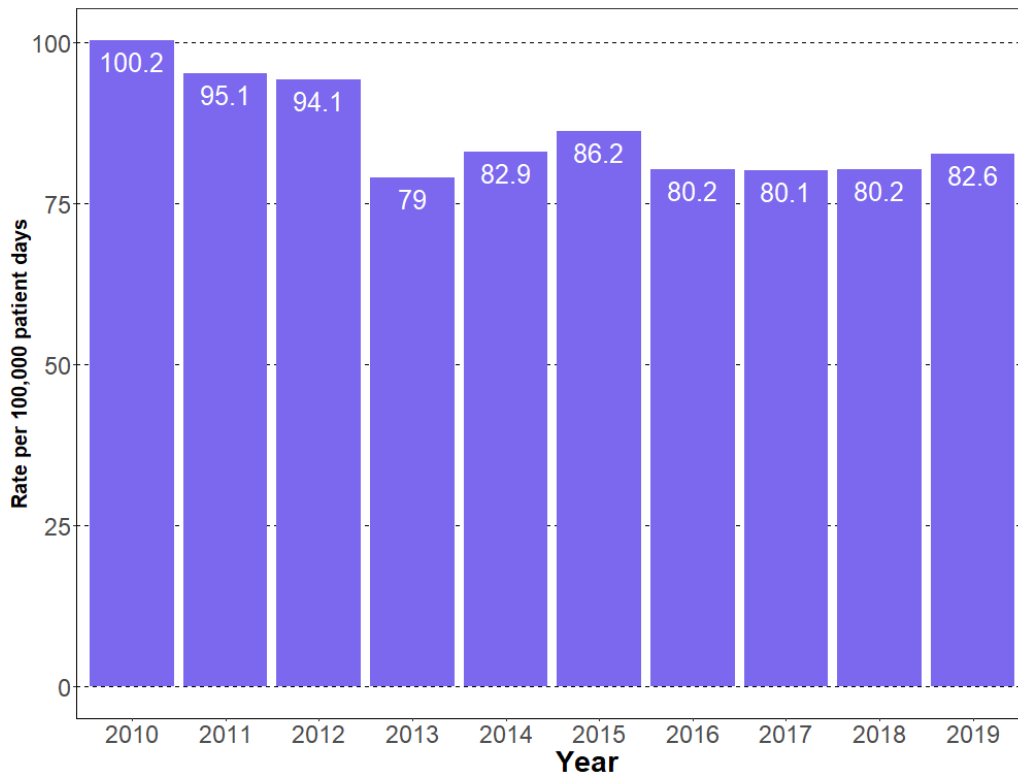
**Table VI.1  
 Injury Severity Codes and Descriptions**

<b>CODE</b>	<b>DESCRIPTION</b>
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. Currently, there is no way to reliably collect or present staff injury data in the same way that patient injury data is collected and presented.

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

## A. Patient Victim Injuries Suffered During Assaults

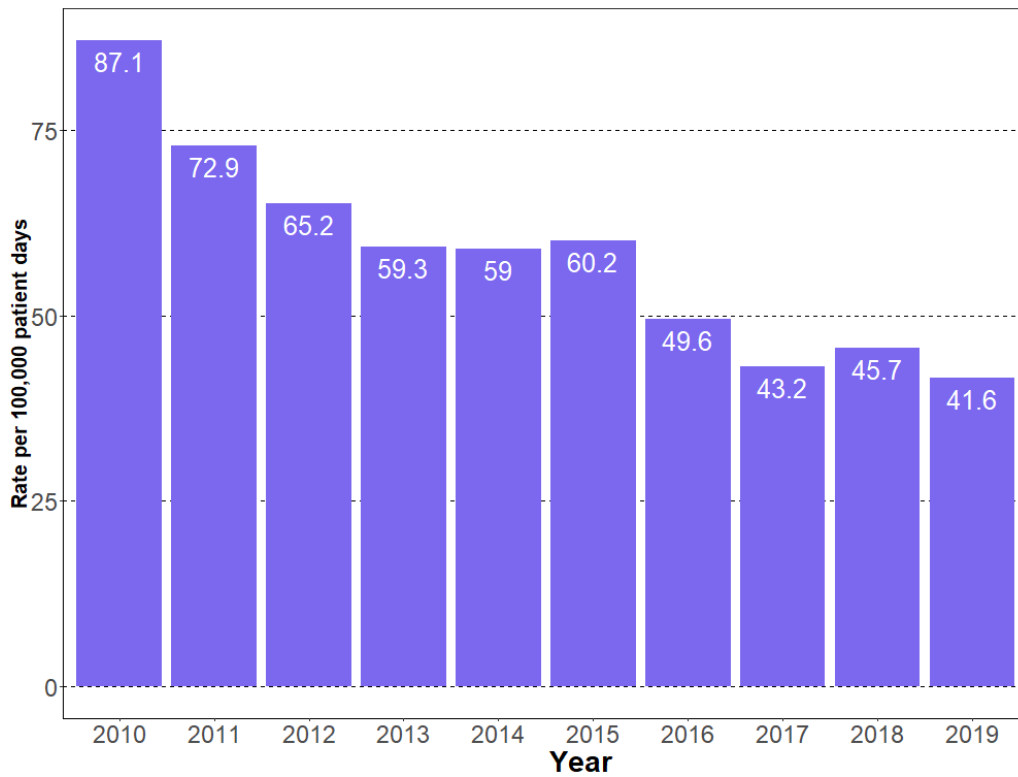
**Injury Severity SI – No Treatment****Figure VI.1****Annual Rate of Patient Injury Due to Assault: Severity SI - No Treatment (Victims), per 100,000 Patient Days****Table VI.2****SI Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	2004	100.2
2011	1981813	1884	95.1
2012	2024639	1906	94.1
2013	2027565	1601	79
2014	2074235	1720	82.9
2015	2120806	1828	86.2
2016	2196145	1762	80.2
2017	2210161	1770	80.1
2018	2227086	1786	80.2
2019	2248861	1857	82.6

## Injury Severity S2 – Minor First Aid

**Figure VI.2**

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



**Table VI.3**

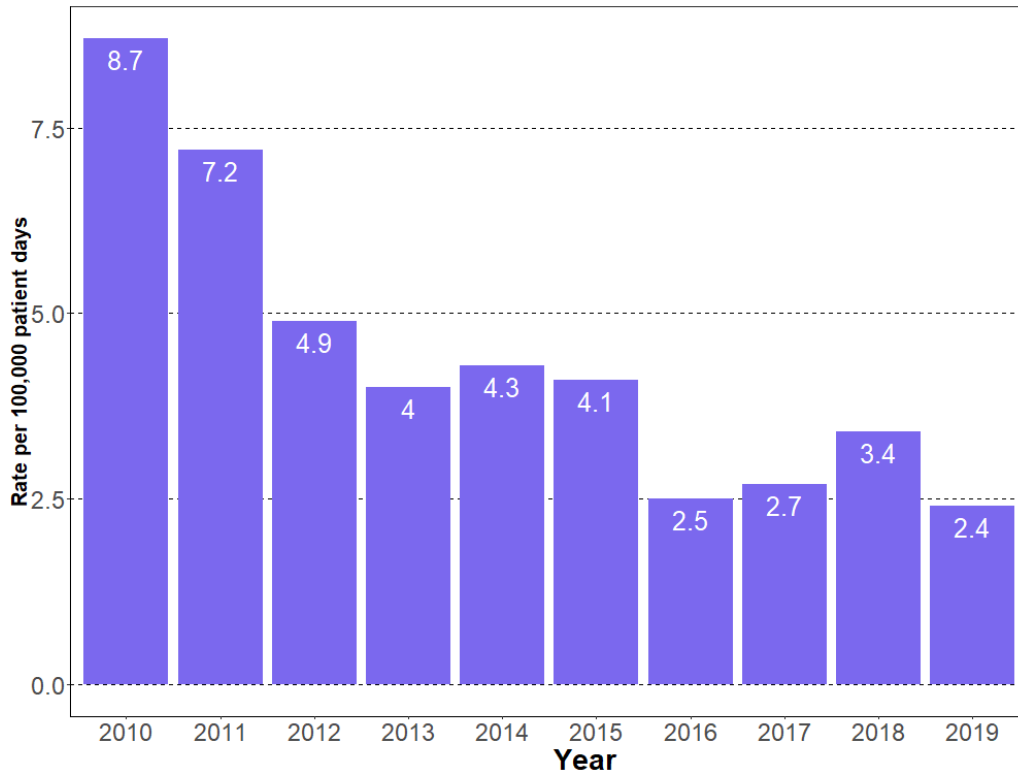
**S2 Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	1742	87.1
2011	1981813	1444	72.9
2012	2024639	1320	65.2
2013	2027565	1202	59.3
2014	2074235	1223	59
2015	2120806	1276	60.2
2016	2196145	1090	49.6
2017	2210161	955	43.2
2018	2227086	1017	45.7
2019	2248861	936	41.6

## Injury Severity S3 – Medical Treatment

**Figure VI.3**

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



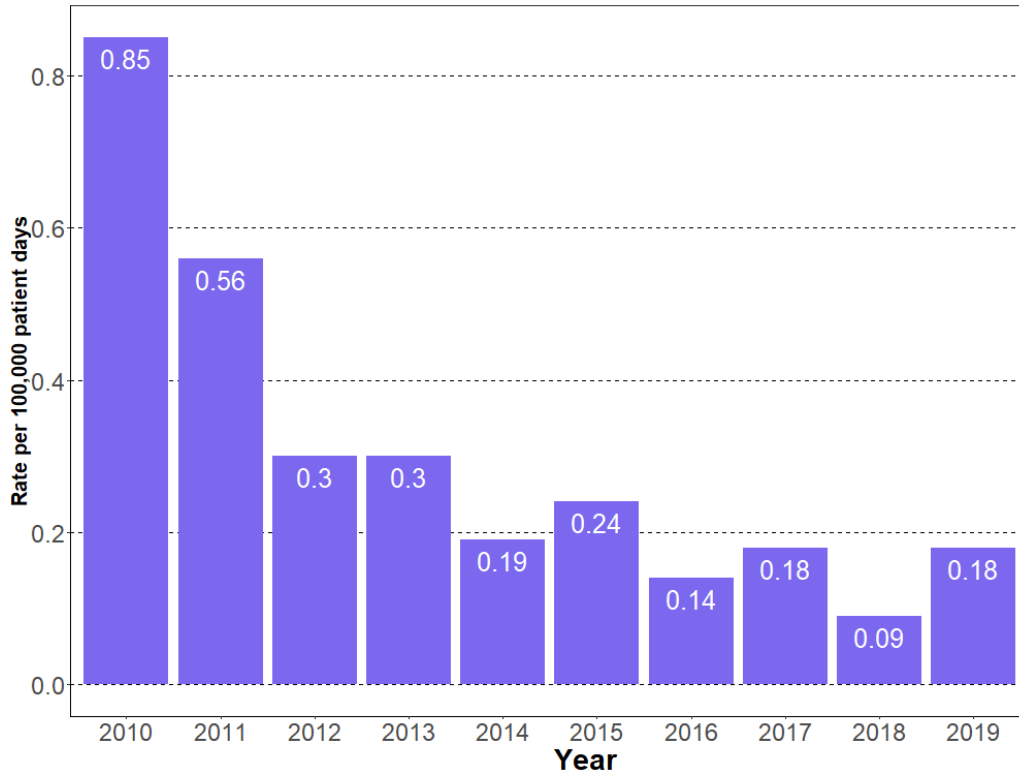
**Table VI.4**

**S3 Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	174	8.7
2011	1981813	143	7.2
2012	2024639	99	4.9
2013	2027565	82	4
2014	2074235	90	4.3
2015	2120806	88	4.1
2016	2196145	56	2.5
2017	2210161	60	2.7
2018	2227086	76	3.4
2019	2248861	53	2.4

## Injury Severity S4 – Hospitalization

**Figure VI.4**  
**Annual Rate of Patient Injury Due to Assault: Severity S4 – Hospitalization (Victims), per 100,000 Patient Days**



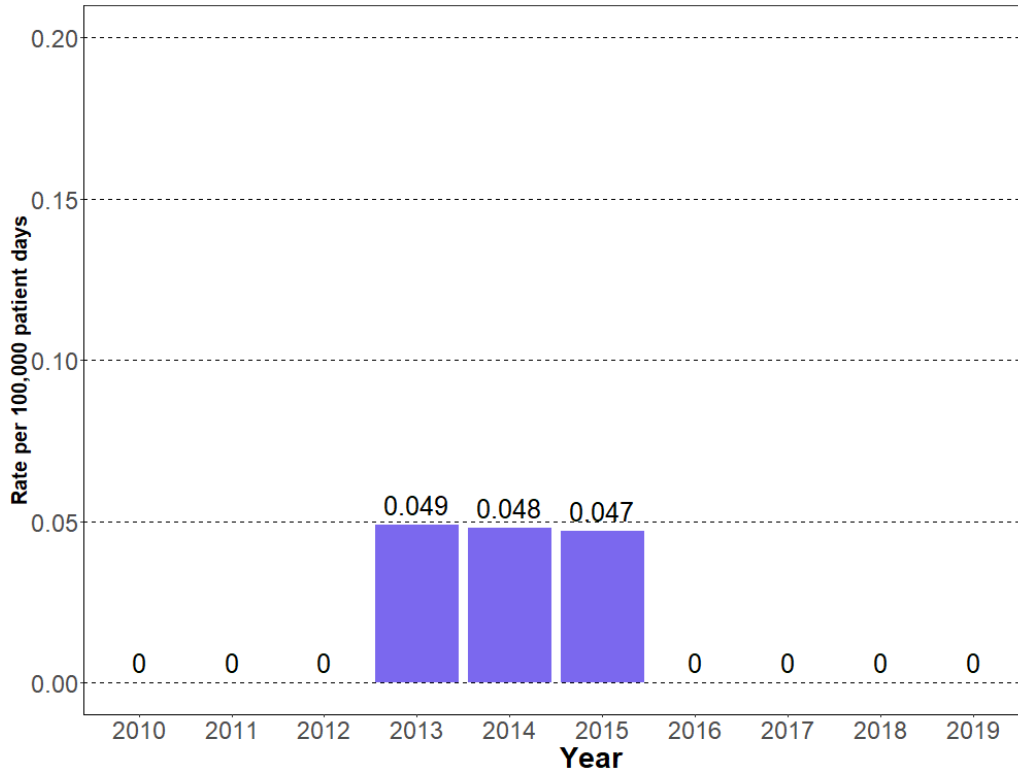
**Table VI.5**  
**S4 Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	17	0.85
2011	1981813	11	0.56
2012	2024639	6	0.3
2013	2027565	6	0.3
2014	2074235	4	0.19
2015	2120806	5	0.24
2016	2196145	3	0.14
2017	2210161	4	0.18
2018	2227086	2	0.09
2019	2248861	4	0.18



## Injury Severity S5 – Death

**Figure VI.5**  
**Annual Rate of Patient Injury Due to Assault: Severity S5 – Death (Victims), per 100,000 Patient Days**



**Table VI.6**  
**S5 Victim Injury Rates**

YEAR	TOTAL PATIENT DAYS	COUNT	RATE PER 100,000 DAYS
2010	2000023	0	0
2011	1981813	0	0
2012	2024639	0	0
2013	2027565	1	0.049
2014	2074235	1	0.048
2015	2120806	1	0.047
2016	2196145	0	0
2017	2210161	0	0
2018	2227086	0	0
2019	2248861	0	0

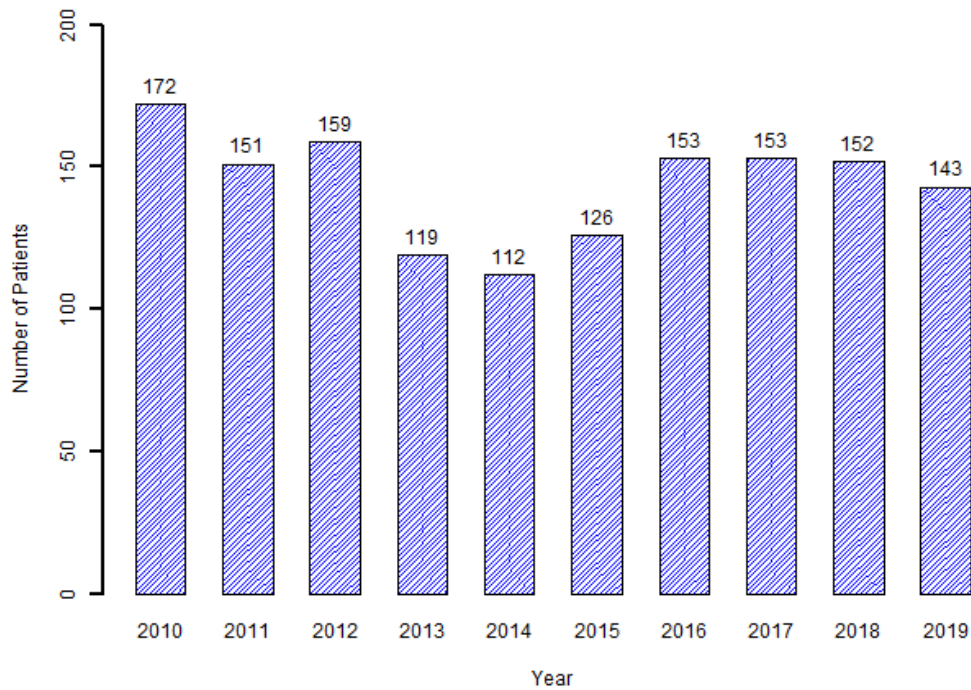


## SECTION VII: NUMBER OF PATIENTS WITH 10 OR MORE ASSAULTS PER YEAR

## 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 decreased 5.9% (from 152 patients to 143) from the previous year, as can be seen below in Figure VII.1. In the same time period there was a 0.1% decrease in total patients in 2019 (there were 10,667 unique patients treated in DSH during 2019 and 10,758 unique patients treated in 2018).

**Figure VII.1**  
**Number of Individual Patients with 10 or More Assaults in a Calendar Year**

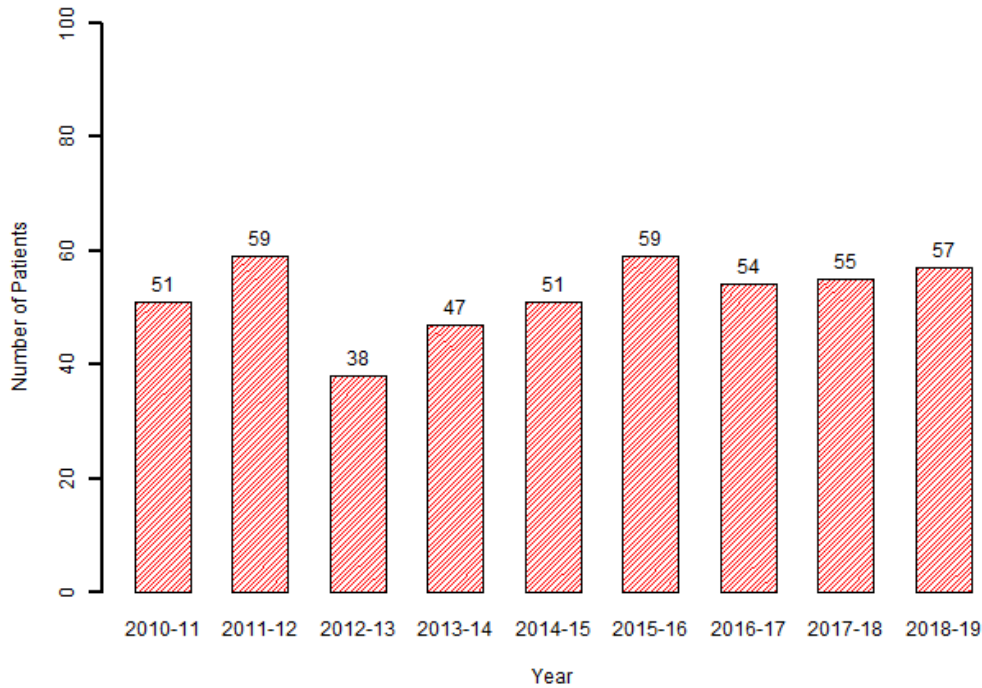


**Table VII.1**  
**Year-by-Year Summary of Patients with 10 or More Aggressive Acts**

YEAR	SUMMARY
2010	172 patients with 10 or more violent incidents accounted for 35.7% of all violent patient on patient and patient on staff assault incidents
2011	151 patients with 10 or more violent incidents accounted for 33.3% of all violent patient on patient and patient on staff assault incidents
2012	159 patients with 10 or more violent incidents accounted for 37.9% of all violent patient on patient and patient on staff assault incidents
2013	119 patients with 10 or more violent incidents accounted for 35.4% of all violent patient on patient and patient on staff assault incidents
2014	112 patients with 10 or more violent incidents in that year accounted for 34.1% of all violent patient on patient and patient on staff assault incidents
2015	126 patients with 10 or more violent incidents accounted for 34.0% of all violent patient on patient and patient on staff assault incidents
2016	153 patients with 10 or more violent incidents accounted for 36.7% of all violent patient on patient and patient on staff assault incidents
2017	153 patients with 10 or more violent incidents accounted for 39.2% of all violent patient on patient and patient on staff assault incidents
2018	152 patients with 10 or more violent incidents accounted for 39.4% of all violent patient on patient and patient on staff assault incidents
2019	143 patients with 10 or more violent incidents accounted for 41.5% of all violent patient on patient and patient on staff assault incidents

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

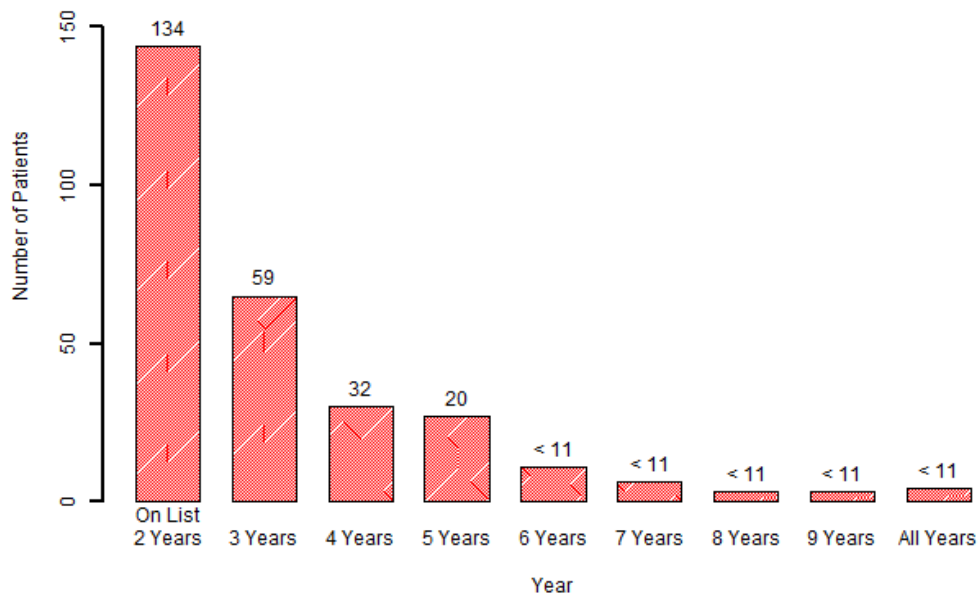
**Figure VII.2**  
**Patients with 10 or More Violent Acts, Across Two Consecutive Calendar Years**



As the Figure VII.2 shows, there was a consistent number of patients with 10 or more violent incidents across two consecutive calendar years during 2010-2019. As a rate, the 55 patients during 2017-18 represent about 0.26% of all patients treated during those two years, and the 57 patients during 2018-2019 represent about 0.27% of all patients treated during those two years.

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

**Figure VII.3**  
**Patients with 10 or More Violent Incidents Across Any Two or More Years (Not Necessarily Consecutive), or for All Nine Years During 2010-2019**



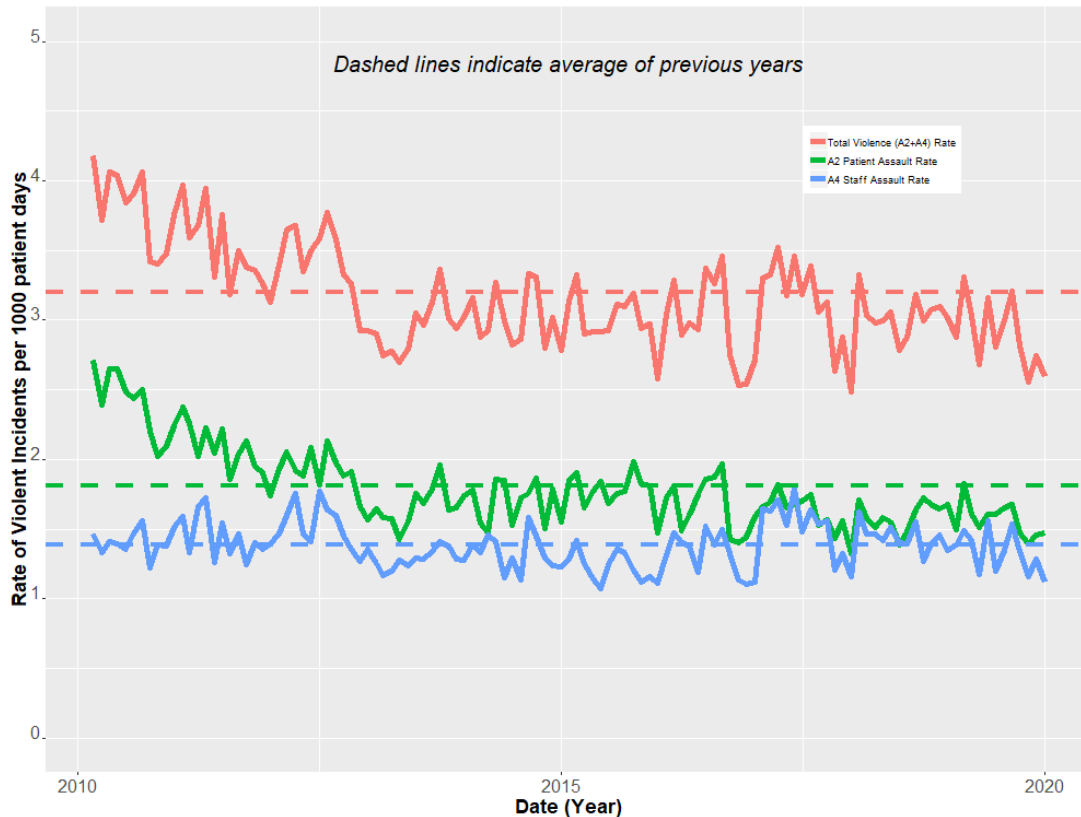
When any multiple year period (not necessarily consecutive years) is considered, there are a very small number of patients who had multiple, repeated high levels of violence (more than 10 incidents in a year).

## SECTION VIII: IN-DEPTH ANALYSIS OF MONTHLY VIOLENCE DATA

## A. Monthly Violence Rates Across DSH Overall

## Monthly Rates of Assaults

**Figure VIII.1**  
**DSH Monthly Rates of Aggressive Incidents, per 1000 Patient Days**

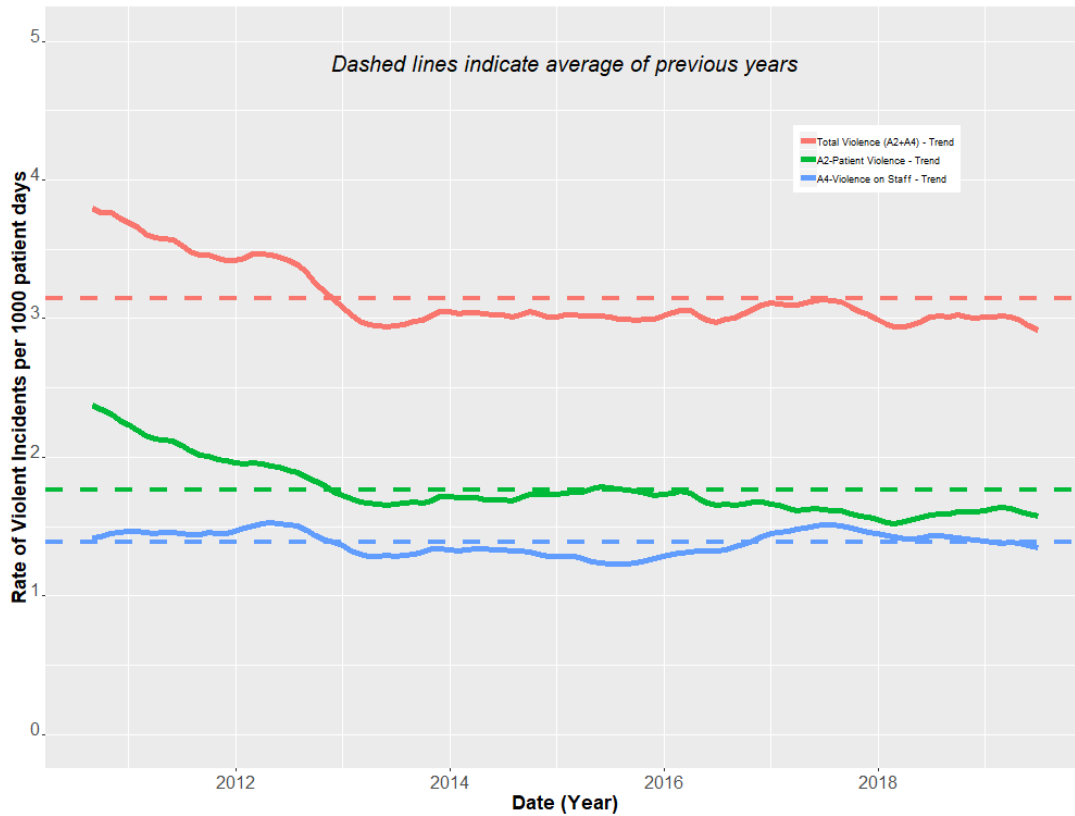


The graph above shows the monthly rate of violence, per 1000 patient days. This measure (rate per 1000 patient days) takes into account the changes in DSH population (as well as differences in the number of days in a month).

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.

Monthly Rates of Assaults: Trend

**Figure VIII.2**  
**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. More recently, since 2016, patient assault rates have trended lower, while staff assault rates have increased somewhat.

Further details of monthly rates are presented below in Tables VIII.2 and VIII.3.

Additionally, further information on the method used to derive the trends from the monthly rate data is given in [Appendix H](#).

It should be noted that while a trend may be seen “overall,” it does not mean that the trend was seen uniformly across all legal classes or hospitals.

The table below notes, comparing the current year (2019) to the previous year (2018), whether an increase or decrease was seen overall in violence (patient or staff) across legal classes.

**Table VIII.1 Comparison of overall 2019 Violence Rates to 2018 Rates**

<b>LEGAL CLASS</b>	<b>PATIENT-ON-PATIENT VIOLENCE</b>	<b>PATIENT-ON-STAFF VIOLENCE</b>
IST	<i>Decreased 2%</i>	<i>Increased 4.7%</i>
LPS	<i>Decreased 14.5%</i>	<i>Decreased 18.9%</i>
OMD	<i>Increased 10.7%</i>	<i>Decreased 10.1%</i>
NGRI	<i>Increased 1.5%</i>	<i>Increased 1.9%</i>
CDCR	<i>Increased 3.7%</i>	<i>Decreased 14.7%</i>
SVP	<i>Increased 20.7%</i>	<i>Decreased 20.9%</i>

**Table VIII.2**  
**DSH Monthly Totals of Assaults**

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
February	2010	413	223	636
March	2010	401	224	625
April	2010	432	230	662
May	2010	447	235	682
June	2010	410	223	633
July	2010	417	251	668
August	2010	428	267	695
September	2010	365	202	567
October	2010	346	237	583
November	2010	347	228	575
December	2010	383	258	641
January	2011	405	272	677
February	2011	345	204	549
March	2011	342	282	624
April	2011	365	283	648
May	2011	345	213	558
June	2011	358	250	608
July	2011	309	220	529
August	2011	338	243	581
September	2011	345	202	547
October	2011	328	236	564
November	2011	310	221	531
December	2011	294	236	530
January	2012	328	249	577
February	2012	327	255	582
March	2012	327	299	626
April	2012	310	242	552
May	2012	357	242	599
June	2012	301	294	595
July	2012	367	282	649
August	2012	340	275	615
September	2012	313	241	554
October	2012	329	233	562
November	2012	278	212	490
December	2012	271	234	505



MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
January	2013	285	216	501
February	2013	246	181	427
March	2013	272	207	479
April	2013	239	213	452
May	2013	268	214	482
June	2013	293	216	509
July	2013	289	221	510
August	2013	309	232	541
September	2013	326	235	561
October	2013	281	236	517
November	2013	275	213	488
December	2013	297	218	515
January	2014	304	237	541
February	2014	240	207	447
March	2014	255	252	507
April	2014	314	238	552
May	2014	325	202	527
June	2014	261	221	482
July	2014	307	202	509
August	2014	313	282	595
September	2014	322	250	572
October	2014	269	231	500
November	2014	309	214	523
December	2014	277	220	497
January	2015	331	229	560
February	2015	307	228	535
March	2015	294	223	517
April	2015	305	197	502
May	2015	329	192	521
June	2015	292	216	508
July	2015	315	244	559
August	2015	320	240	560
September	2015	349	212	561
October	2015	333	204	537
November	2015	321	206	527
December	2015	270	203	473
January	2016	316	242	558
February	2016	313	255	568
March	2016	276	260	536

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
April	2016	288	248	536
May	2016	327	222	549
June	2016	336	275	611
July	2016	349	259	608
August	2016	365	278	643
September	2016	256	238	494
October	2016	261	212	473
November	2016	261	200	461
December	2016	298	210	508
January	2017	311	308	619
February	2017	287	276	563
March	2017	341	320	661
April	2017	300	277	577
May	2017	314	335	649
June	2017	308	269	577
July	2017	328	307	635
August	2017	286	287	573
September	2017	285	284	569
October	2017	269	227	496
November	2017	283	240	523
December	2017	249	219	468
January	2018	323	307	630
February	2018	269	250	519
March	2018	286	278	564
April	2018	290	260	550
May	2018	294	286	580
June	2018	254	257	511
July	2018	281	264	545
August	2018	310	294	604
September	2018	316	232	548
October	2018	316	262	578
November	2018	300	266	566
December	2018	316	254	570
January	2019	284	263	547
February	2019	314	256	570
March	2019	307	272	579
April	2019	280	218	498
May	2019	306	298	604

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
June	2019	294	220	514
July	2019	313	255	568
August	2019	319	292	611
September	2019	272	247	519
October	2019	268	222	490
November	2019	272	240	512
December	2019	284	215	499

This table shows the monthly totals of violent incidents (A2 patient on patient assault and A4 patient on staff assault, with the new code A8 added starting in January 2016) 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 (as measured by Average Daily Census) increased by over 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 VIII.3**  
**DSH Monthly Rates of Assaults, per 1000 Patient Days**

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
February	2010	2.715	1.466	4.181
March	2010	2.387	1.334	3.721
April	2010	2.653	1.413	4.066
May	2010	2.647	1.391	4.038
June	2010	2.489	1.354	3.843
July	2010	2.439	1.468	3.908
August	2010	2.503	1.561	4.064
September	2010	2.202	1.219	3.421
October	2010	2.022	1.385	3.407
November	2010	2.096	1.377	3.473
December	2010	2.243	1.511	3.754
January	2011	2.373	1.594	3.967
February	2011	2.256	1.334	3.589
March	2011	2.019	1.664	3.683
April	2011	2.223	1.723	3.946
May	2011	2.045	1.263	3.308
June	2011	2.215	1.547	3.762
July	2011	1.860	1.324	3.184
August	2011	2.037	1.465	3.502
September	2011	2.131	1.248	3.378
October	2011	1.951	1.403	3.354
November	2011	1.905	1.358	3.263
December	2011	1.736	1.393	3.129
January	2012	1.930	1.465	3.395
February	2012	2.050	1.599	3.649
March	2012	1.923	1.758	3.681
April	2012	1.881	1.468	3.350
May	2012	2.084	1.412	3.496
June	2012	1.815	1.773	3.588
July	2012	2.132	1.638	3.770
August	2012	1.976	1.598	3.574
September	2012	1.879	1.447	3.326
October	2012	1.910	1.353	3.263
November	2012	1.660	1.266	2.926
December	2012	1.569	1.355	2.924
January	2013	1.649	1.249	2.898

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
February	2013	1.582	1.164	2.747
March	2013	1.578	1.201	2.778
April	2013	1.428	1.273	2.701
May	2013	1.551	1.238	2.789
June	2013	1.755	1.294	3.049
July	2013	1.681	1.285	2.966
August	2013	1.787	1.342	3.129
September	2013	1.957	1.411	3.368
October	2013	1.637	1.375	3.011
November	2013	1.656	1.283	2.939
December	2013	1.741	1.278	3.018
January	2014	1.778	1.386	3.165
February	2014	1.546	1.333	2.879
March	2014	1.473	1.455	2.928
April	2014	1.860	1.409	3.269
May	2014	1.848	1.148	2.996
June	2014	1.529	1.294	2.823
July	2014	1.725	1.135	2.860
August	2014	1.756	1.582	3.337
September	2014	1.863	1.446	3.309
October	2014	1.506	1.293	2.799
November	2014	1.786	1.237	3.023
December	2014	1.551	1.232	2.783
January	2015	1.853	1.282	3.135
February	2015	1.907	1.416	3.323
March	2015	1.650	1.252	2.901
April	2015	1.770	1.143	2.914
May	2015	1.843	1.076	2.919
June	2015	1.683	1.245	2.928
July	2015	1.754	1.358	3.112
August	2015	1.772	1.329	3.102
September	2015	1.986	1.207	3.193
October	2015	1.825	1.118	2.942
November	2015	1.811	1.162	2.973
December	2015	1.475	1.109	2.584
January	2016	1.723	1.319	3.042
February	2016	1.812	1.476	3.288
March	2016	1.489	1.402	2.891
April	2016	1.601	1.378	2.979

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
May	2016	1.748	1.187	2.935
June	2016	1.856	1.519	3.374
July	2016	1.871	1.389	3.260
August	2016	1.965	1.497	3.462
September	2016	1.427	1.327	2.754
October	2016	1.399	1.137	2.536
November	2016	1.440	1.104	2.544
December	2016	1.592	1.122	2.713
January	2017	1.657	1.641	3.299
February	2017	1.694	1.629	3.322
March	2017	1.817	1.706	3.523
April	2017	1.650	1.524	3.174
May	2017	1.675	1.787	3.462
June	2017	1.699	1.484	3.183
July	2017	1.750	1.638	3.388
August	2017	1.527	1.532	3.059
September	2017	1.568	1.562	3.130
October	2017	1.430	1.206	2.636
November	2017	1.556	1.320	2.876
December	2017	1.321	1.162	2.484
January	2018	1.707	1.622	3.329
February	2018	1.572	1.461	3.033
March	2018	1.509	1.467	2.977
April	2018	1.582	1.418	2.999
May	2018	1.552	1.510	3.062
June	2018	1.385	1.401	2.786
July	2018	1.484	1.395	2.879
August	2018	1.636	1.552	3.188
September	2018	1.728	1.268	2.996
October	2018	1.680	1.393	3.073
November	2018	1.643	1.456	3.099
December	2018	1.675	1.347	3.022
January	2019	1.495	1.384	2.879
February	2019	1.823	1.486	3.309
March	2019	1.604	1.421	3.024
April	2019	1.509	1.175	2.685
May	2019	1.603	1.561	3.163
June	2019	1.605	1.201	2.806

MONTH	YEAR	PATIENT ON PATIENT ASSAULT (A2)	PATIENT ON STAFF ASSAULT (A4)	TOTAL VIOLENCE (A2+A4)
July	2019	1.651	1.345	2.995
August	2019	1.673	1.532	3.205
September	2019	1.474	1.338	2.812
October	2019	1.396	1.157	2.553
November	2019	1.459	1.287	2.747
December	2019	1.476	1.118	2.594

These data show the values that were graphed in the monthly plot of violence rates (Figure VIII.1, “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 VIII.2 above or Figure VIII.5 below) to look for trends over time is more useful.

## B. 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 2018 and 2019 is provided in Table VIII.4.

**Table VIII.4**  
**DSH Average Daily Census, by Legal Class**

LEGAL CLASS	ADC 12/2018	ADC 12/2019	Percentage Change
<b>CDCR:</b> Mentally Ill CDCR Inmate Patient	200.1	320.87	+ 60.4%
<b>DJJ:</b> Division of Juvenile Justice Patient	1	1	0
<b>IST:</b> Incompetent to Stand Trial Patient	1378.69	1482.55	+ 7.5%
<b>LPS:</b> Lanterman-Petris-Short Patient	765.1	760.72	- 0.6%
<b>MDSO:</b> Mentally Disordered Sexual Offender	17	15.16	- 10.8%
<b>NGRI:</b> Not Guilty by Reason of Insanity Patient	1410.59	1407.7	- 0.2%
<b>OMD:</b> Offender with Mental Health Disorder	1352.69	1261.77	- 6.7%
<b>SVP:</b> Sexually Violent Predator Patient	959.26	956.32	- 0.3%

As can be seen, the largest population increases over the past year were in the CDCR and IST patient groups.

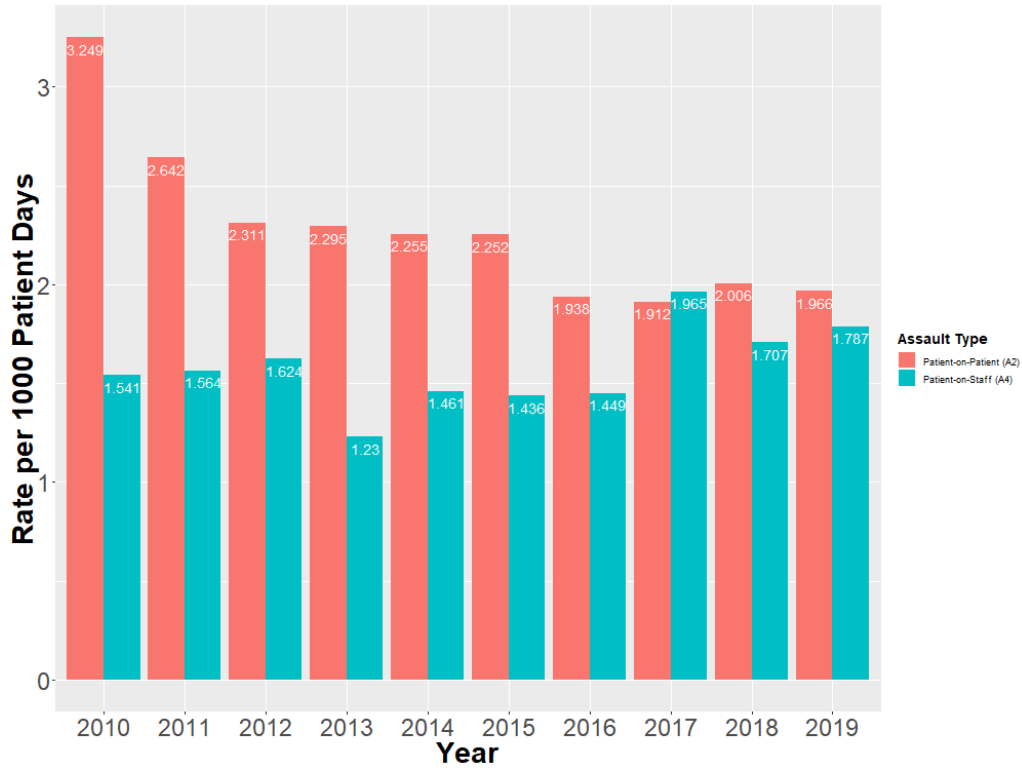
Data on the violence rates in DSH, per legal class, are presented in the next section in alphabetical order by legal class. Because there were too few patients in the DJJ and MDSO to present meaningful data, these groups were omitted.



DSH Rates of Violence: IST's

## Yearly Violence Rates

**Figure VIII.3**  
**Yearly Rates of IST Assaults in all DSH Hospitals**



As can be seen in the graph above, and in the tables below, in the most recent year:

- Patient-on-patient assaults decreased 2%
- Patient-on-staff assaults increased 4.7%

Please see the tables and graphs below for more details.

**Table VIII.5**  
**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	1275	392485	3.249	NA
2011	1064	402730	2.642	-18.7
2012	982	424971	2.311	-12.5
2013	1026	447042	2.295	-0.7
2014	1070	474429	2.255	-1.7
2015	1127	500536	2.252	-0.1
2016	1046	539685	1.938	-13.9
2017	1010	528298	1.912	-1.3
2018	999	497994	2.006	4.9
2019	1044	530966	1.966	-2

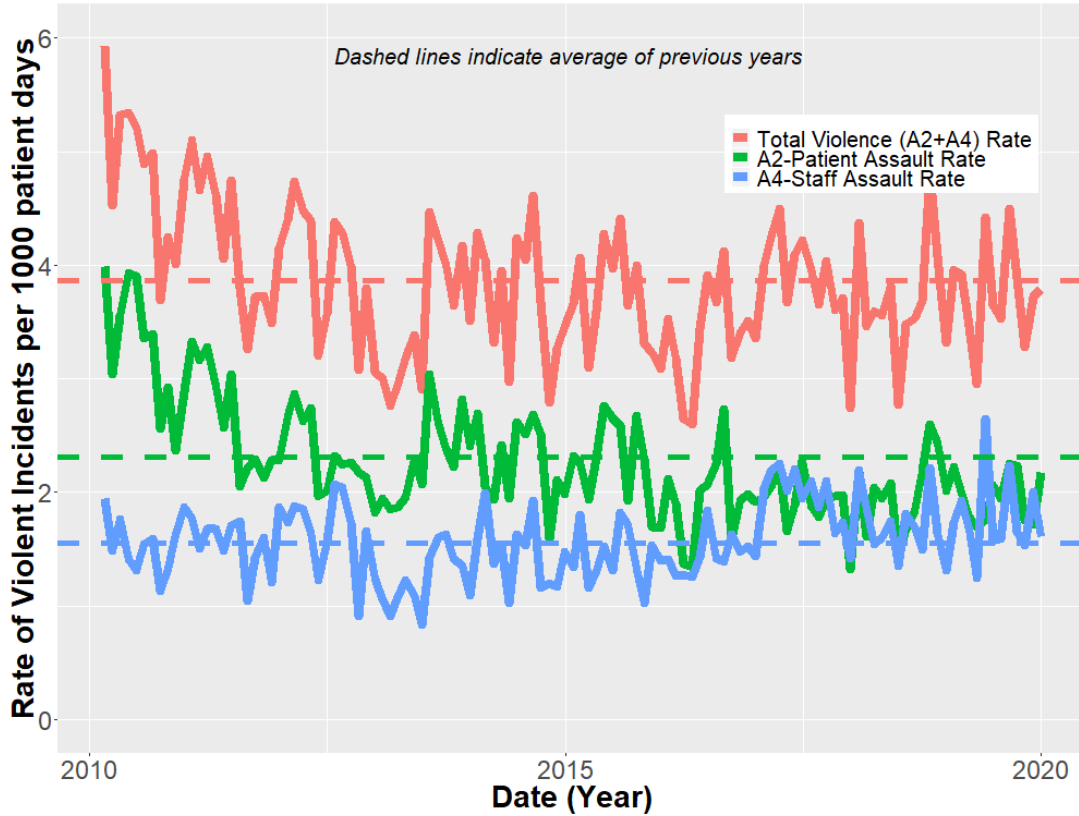
**Table VIII.6**  
**DSH IST Yearly A4 Patient on Staff Assault Summary**

YEAR	IST ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	605	392485	1.541	NA
2011	630	402730	1.564	1.5
2012	690	424971	1.624	3.8
2013	550	447042	1.23	-24.3
2014	693	474429	1.461	18.8
2015	719	500536	1.436	-1.7
2016	782	539685	1.449	0.9
2017	1038	528298	1.965	35.6
2018	850	497994	1.707	-13.1
2019	949	530966	1.787	4.7

## Monthly Violence Rates

Figure VIII.4

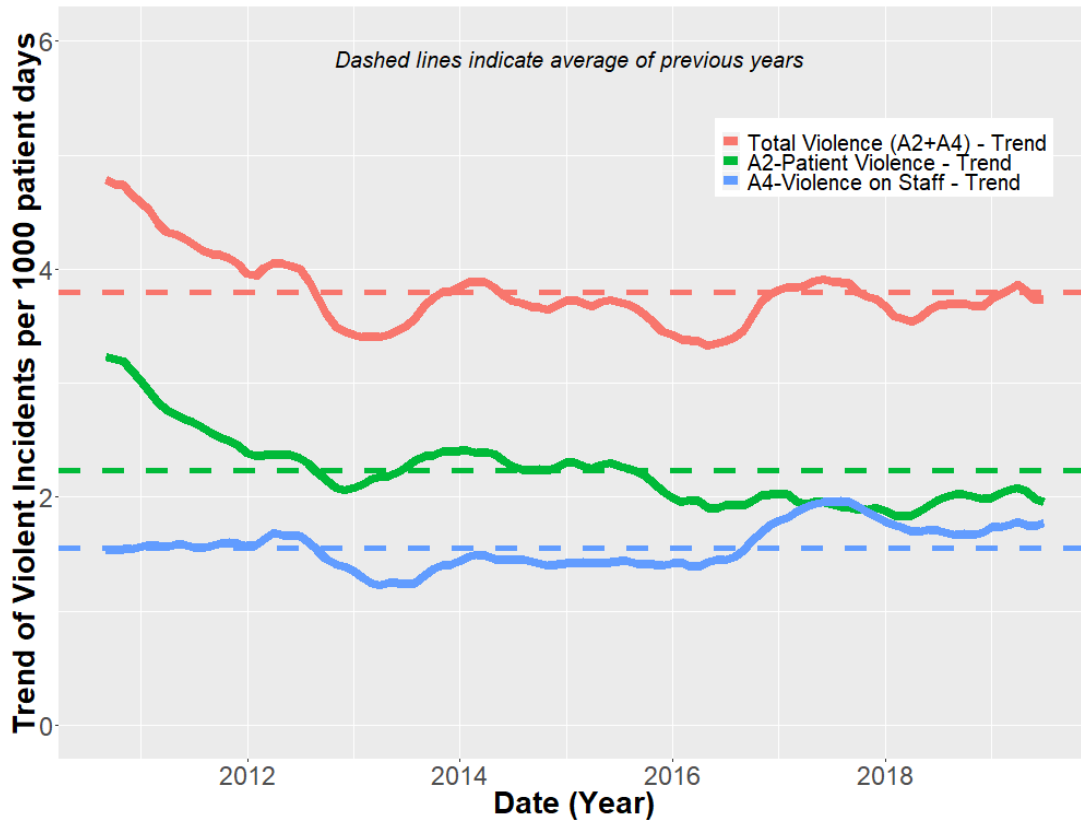
### Monthly Rates of IST Assaults in all DSH Hospitals, per 1000 Patient Days



This graph presents the monthly rates of violence. Because it is hard to distinguish overall trends from the graph of monthly rates, these monthly rates are averaged in the next graph to better illustrate the overall trend over time.

## Trend of Monthly Violence Rates

**Figure VIII.5**  
**Trends of Monthly Rates of IST Assaults in all DSH Hospitals, per 1000 Patient Days**

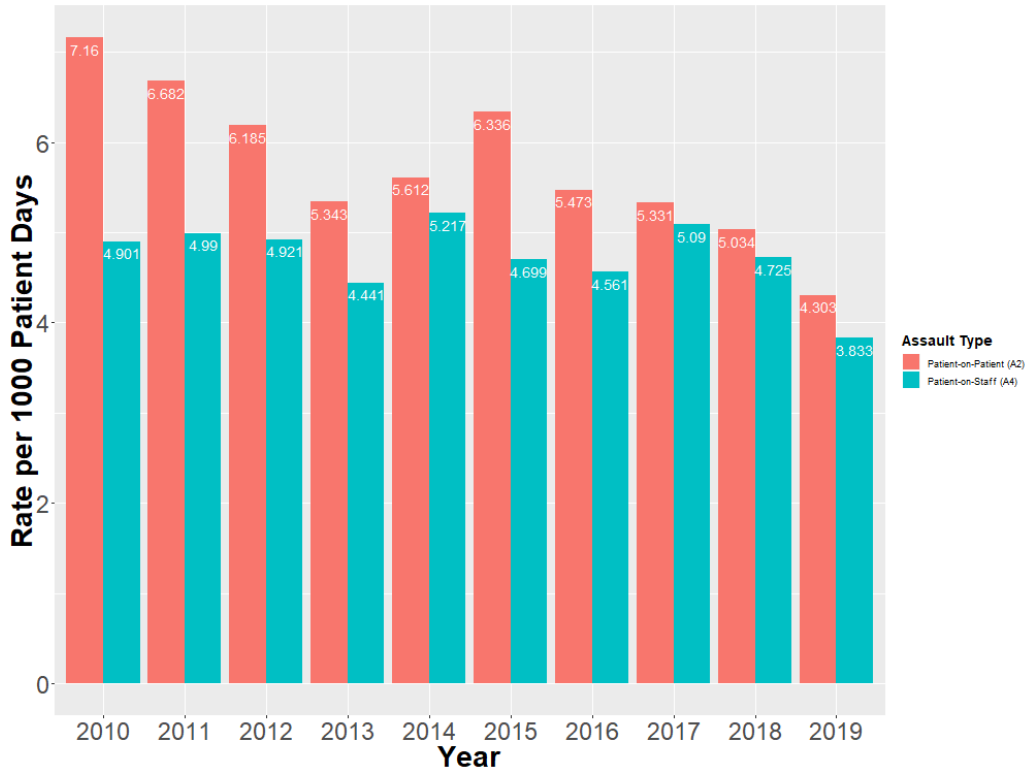


This graph presents the trend of the monthly rates data. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous and subsequent to each month, the graph stops with June, 2019. Further information explaining this as well the method used to derive the trends from the monthly rate data is given in [Appendix H](#).

DSH Rates of Violence: LPS's

## Yearly Violence Rates

**Figure VIII.6**  
**Yearly Rates of LPS Assaults in all DSH Hospitals**



As can be seen in the graph above, and in the tables below, in the most recent year:

- Patient-on-patient assaults decreased 14.5%
- Patient-on-staff assaults decreased 18.9%

Please see the tables and graphs below for more details.

**Table VIII.7**  
**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	1198	167309	7.16	NA
2011	1256	187966	6.682	-6.7
2012	1248	201773	6.185	-7.4
2013	1066	199503	5.343	-13.6
2014	1194	212769	5.612	5
2015	1444	227909	6.336	12.9
2016	1321	241387	5.473	-13.6
2017	1374	257748	5.331	-2.6
2018	1371	272359	5.034	-5.6
2019	1209	280976	4.303	-14.5

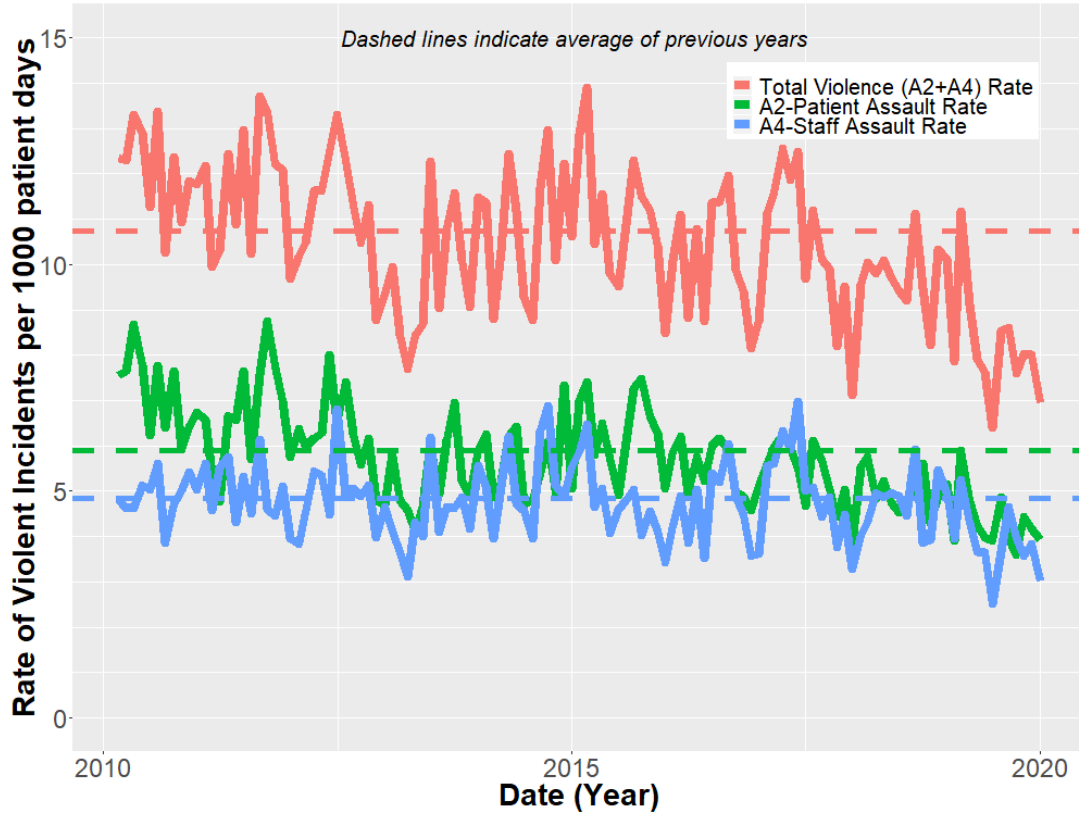
**Table VIII.8**  
**DSH LPS Yearly A4 Patient on Staff Assault Summary**

YEAR	LPS ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	820	167309	4.901	NA
2011	938	187966	4.99	1.8
2012	993	201773	4.921	-1.4
2013	886	199503	4.441	-9.8
2014	1110	212769	5.217	17.5
2015	1071	227909	4.699	-9.9
2016	1101	241387	4.561	-2.9
2017	1312	257748	5.09	11.6
2018	1287	272359	4.725	-7.2
2019	1077	280976	3.833	-18.9

## Monthly Violence Rates

Figure VIII.7

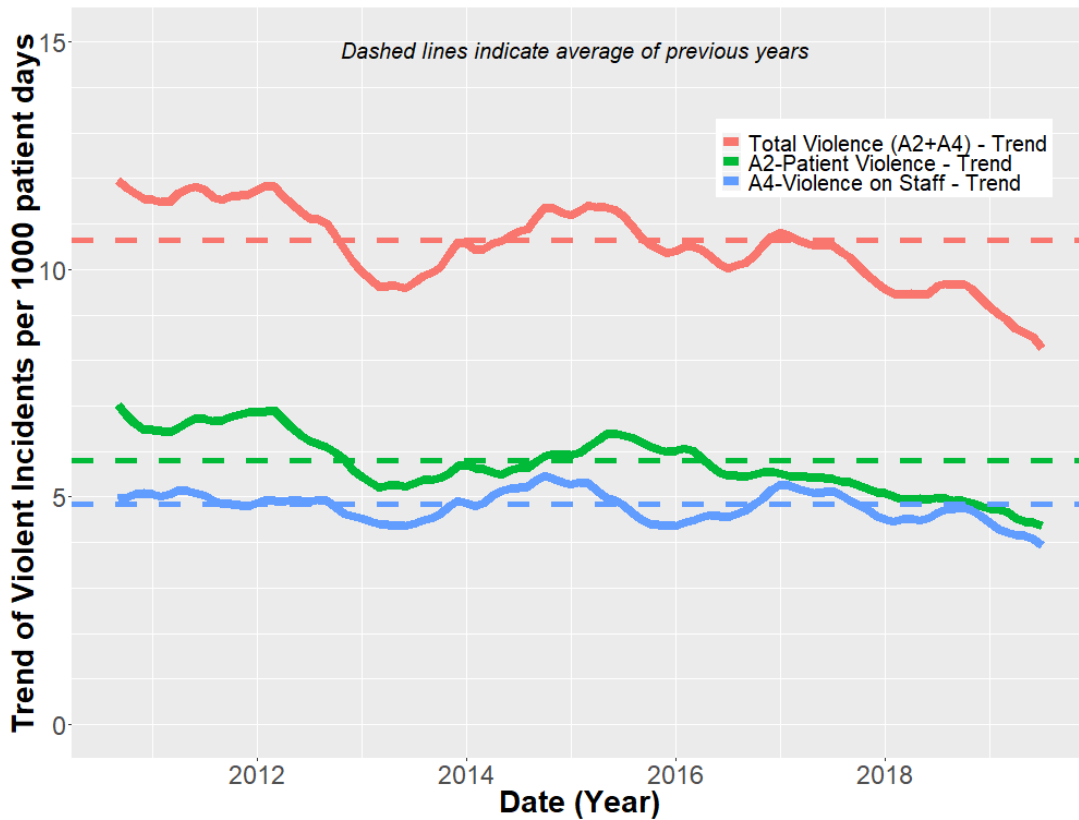
### Monthly Rates of LPS Assaults in all DSH Hospitals, per 1000 Patient Days



This graph presents the monthly rates of violence. Because it is hard to distinguish overall trends from the graph of monthly rates, these monthly rates are averaged in the next graph to better illustrate the overall trend over time.

## Trend of Monthly Violence Rates

**Figure VIII.8**  
**Trend of Monthly Rates of LPS Assaults in all DSH Hospitals, per 1000 Patient Days**



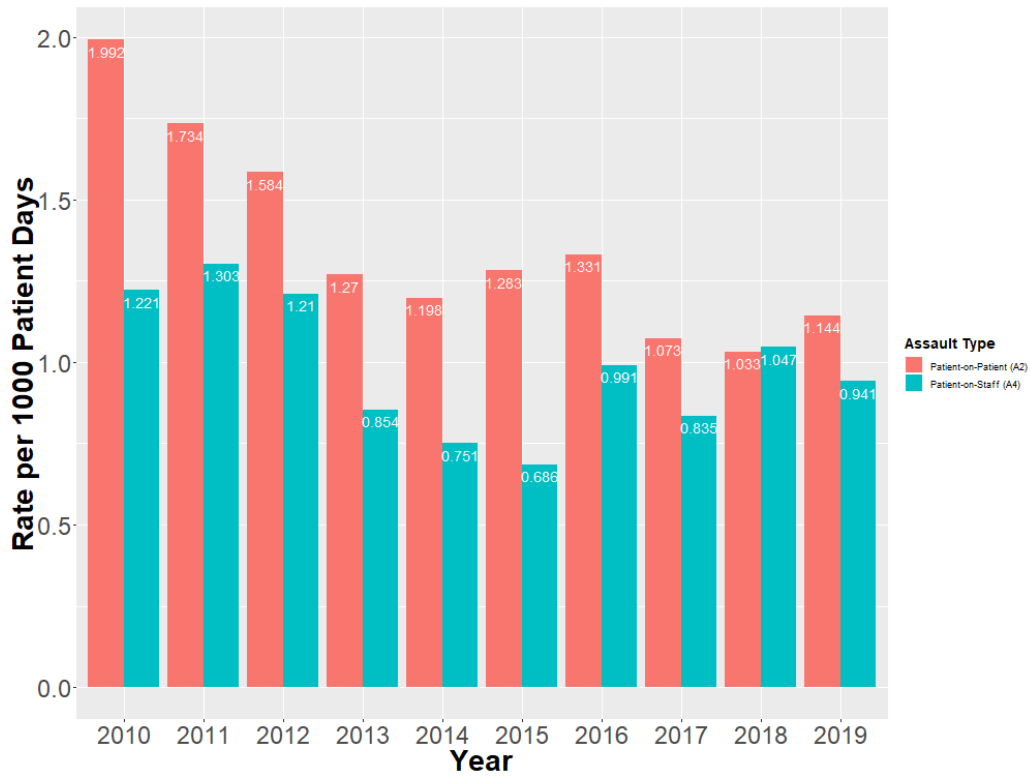
This graph presents the trend data of the monthly rates. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & subsequent, the graph stops with June, 2019. Further information explaining this as well the method used to derive the trends from the monthly rate data is given in [Appendix H](#).



DSH Rates of Violence: OMD's

## Yearly Violence Rates

**Figure VIII.9**  
**Yearly Rates of OMD Assaults in all DSH Hospitals**



As can be seen in the graph above, and in the tables below, in the most recent year:

- Patient-on-patient assaults increased 10.7%
- Patient-on-staff assaults decreased 10.1%

Please see the tables and graphs below for more details.

**Table VIII.9**  
**DSH OMD Yearly A2 Patient on Patient Assault Summary**

YEAR	OMD ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	858	430667	1.992	NA
2011	833	480333	1.734	-13
2012	733	462660	1.584	-8.7
2013	561	441586	1.27	-19.8
2014	528	440627	1.198	-5.7
2015	589	459120	1.283	7.1
2016	604	453959	1.331	3.7
2017	506	471663	1.073	-19.4
2018	519	502431	1.033	-3.7
2019	553	483504	1.144	10.7

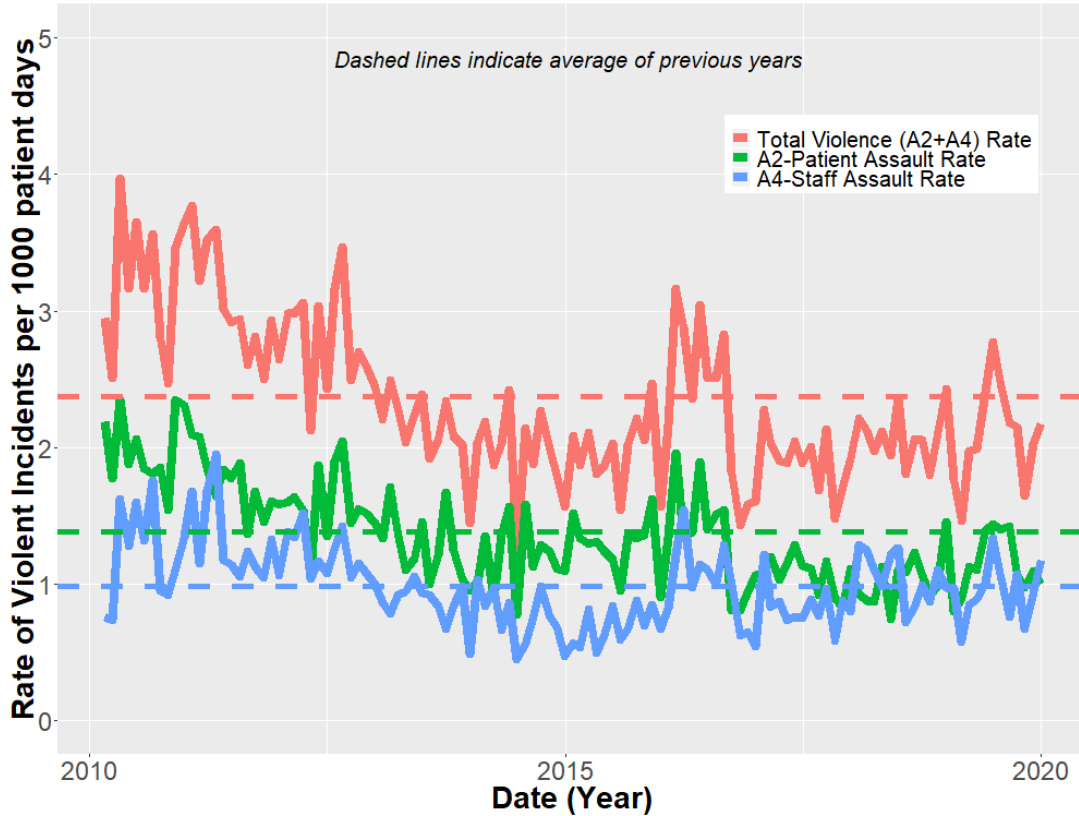
**Table VIII.10**  
**DSH OMD Yearly A4 Patient on Staff Assault Summary**

YEAR	OMD ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	526	430667	1.221	NA
2011	626	480333	1.303	6.7
2012	560	462660	1.21	-7.1
2013	377	441586	0.854	-29.4
2014	331	440627	0.751	-12.1
2015	315	459120	0.686	-8.7
2016	450	453959	0.991	44.5
2017	394	471663	0.835	-15.7
2018	526	502431	1.047	25.4
2019	455	483504	0.941	-10.1

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

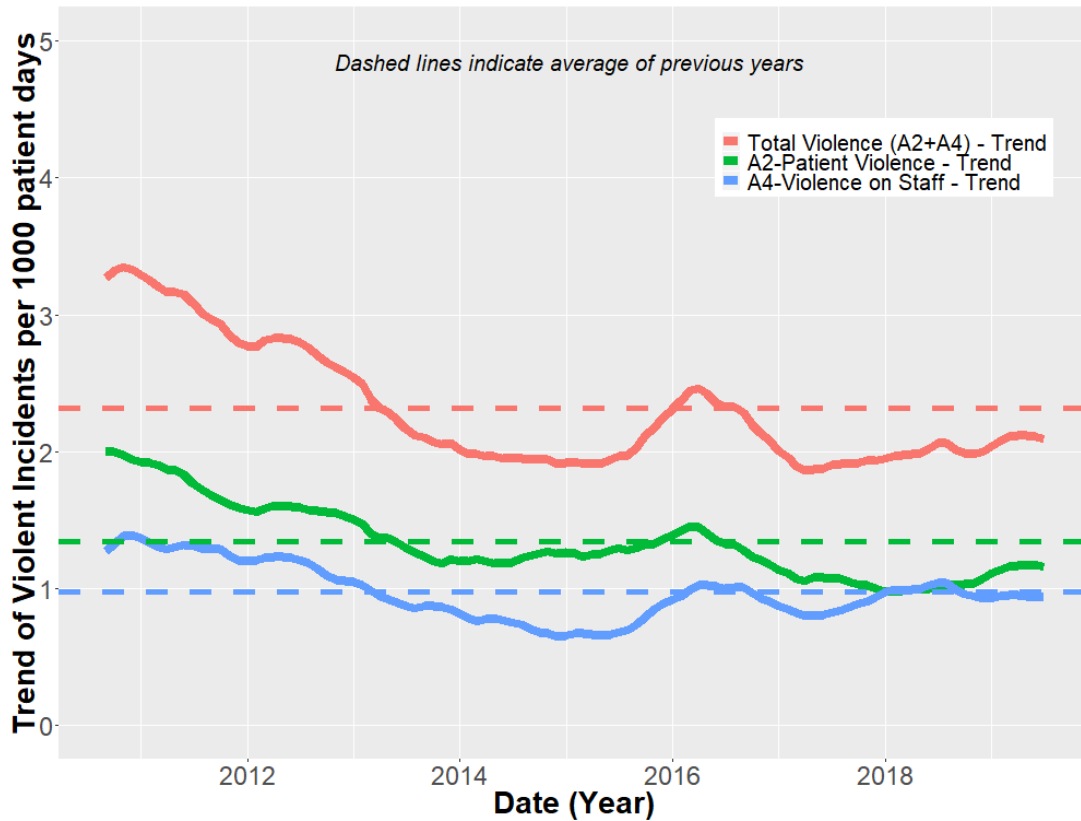
**Figure VIII.10**  
**Monthly Rates of OMD Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence. Because it is hard to distinguish overall trends from the graph of monthly rates, these monthly rates are averaged in the next graph to better illustrate the overall trend time.

## Trend of Monthly Violence Rates

**Figure VIII.11**  
**Trend of Monthly Rates of OMD Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the trend data of the monthly rates. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & subsequent, the graph stops with June, 2019. Further information explaining this as well the method used to derive the trends from the monthly rate data is given in [Appendix H](#).

DSH Rates of Violence: NGRI's

## Yearly Violence Rates

**Figure VIII.12**  
**Yearly Rates of NGRI Assaults in all DSH Hospitals**



As can be seen in the graph above, and in the tables below, in the most recent year:

- Patient-on-patient assaults increased 1.5%
- Patient-on-staff assaults increased 1.9%

Please see the tables and graphs below for more details.

**Table VIII.11**  
**DSH NGRI Yearly A2 Patient on Patient Assault Summary**

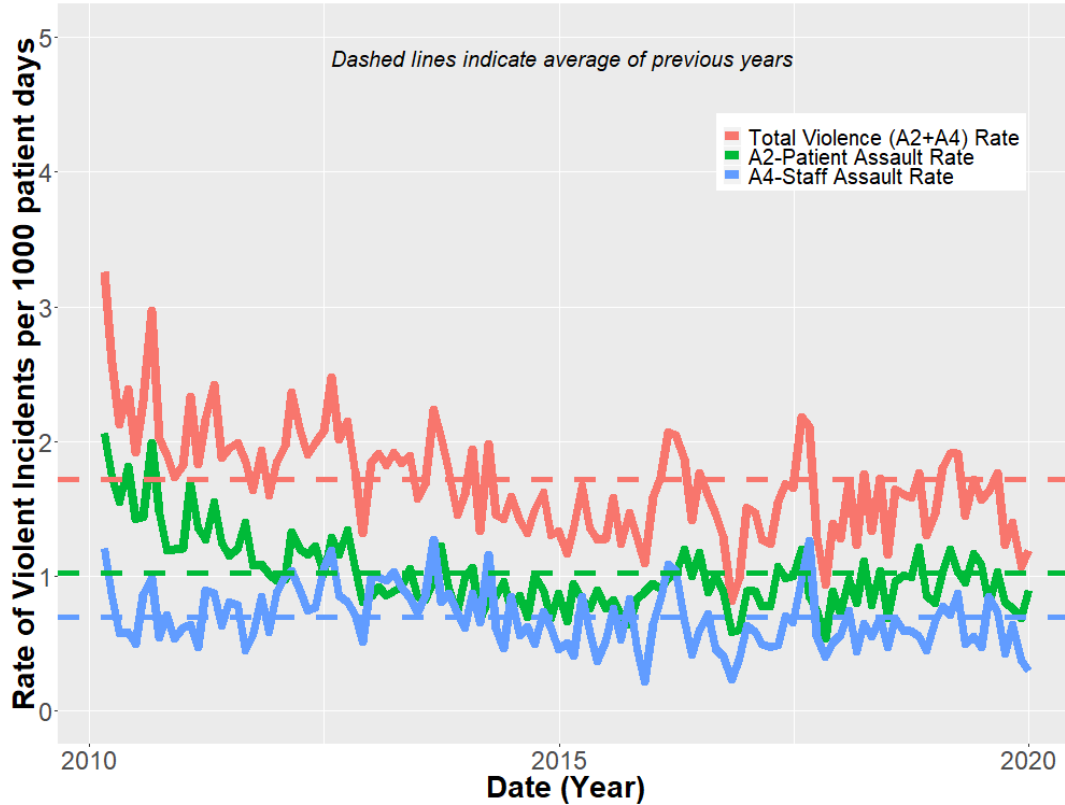
YEAR	NGRI ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	696	449798	1.547	NA
2011	625	498969	1.253	-19
2012	554	496509	1.116	-10.9
2013	465	500690	0.929	-16.8
2014	428	506285	0.845	-9
2015	413	512222	0.806	-4.6
2016	471	509770	0.924	14.6
2017	437	503361	0.868	-6.1
2018	480	512396	0.937	7.9
2019	488	513331	0.951	1.5

**Table VIII.12**  
**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	324	449798	0.72	NA
2011	351	498969	0.703	-2.4
2012	437	496509	0.88	25.2
2013	443	500690	0.885	0.6
2014	341	506285	0.674	-23.8
2015	286	512222	0.558	-17.2
2016	317	509770	0.622	11.5
2017	322	503361	0.64	2.9
2018	303	512396	0.591	-7.7
2019	309	513331	0.602	1.9

## Monthly Violence Rates

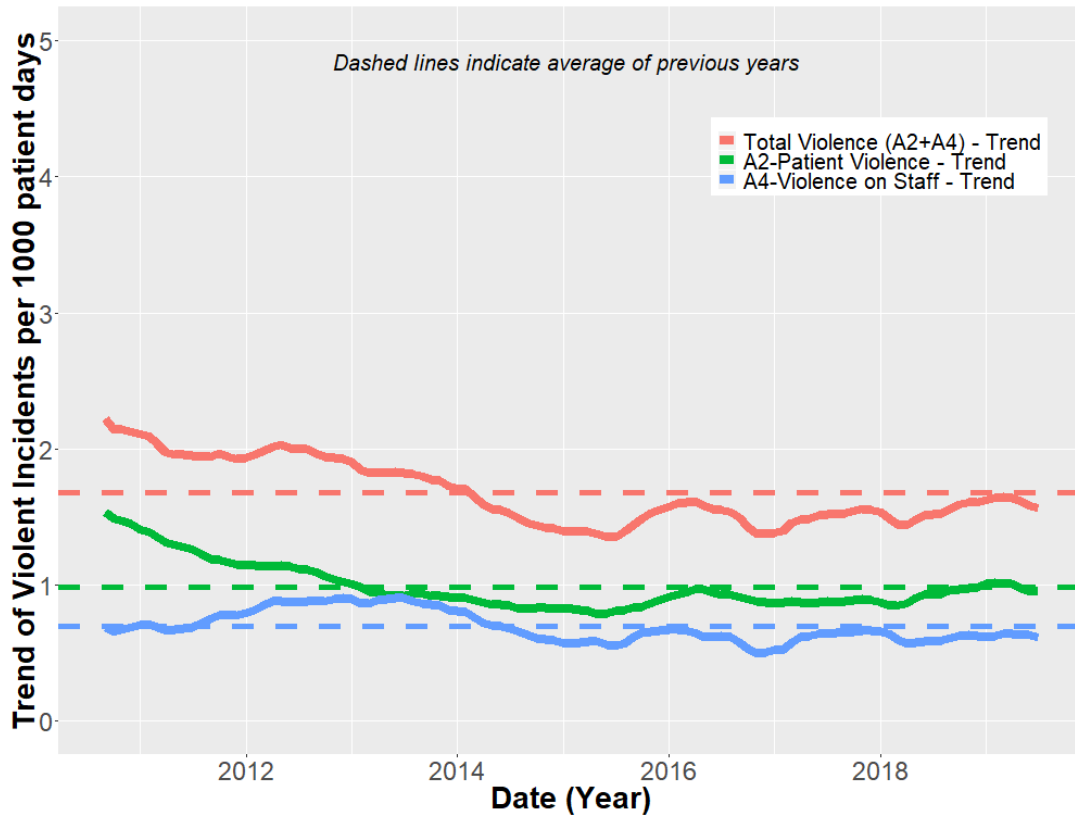
**Figure VIII.13**  
**Monthly Rates of NGRI Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence. Because it is hard to distinguish overall trends from the graph of monthly rates, these monthly rates are averaged in the next graph to better illustrate the overall trend over time.

## Trend of Monthly Violence Rates

**Figure VIII.14**  
**Trends of Monthly Rates of NGRI Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the trend data of the monthly rates. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & subsequent, the graph stops with June, 2019. Further information explaining this as well the method used to derive the trends from the monthly rate data is given in [Appendix H](#).



DSH Rates of Violence: CDCR's

## Yearly Violence Rates

**Figure VIII.15**  
**Yearly Rates of CDCR 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.*

As can be seen in the graph above, and in the tables below, in the most recent year:

- Patient-on-patient assaults increased 3.7%
- Patient-on-staff assaults decreased 14.7%

Please see the tables and graphs below for more details.

**Table VIII.13**  
**DSH CDCR Yearly A2 Patient on Patient Assault Summary**

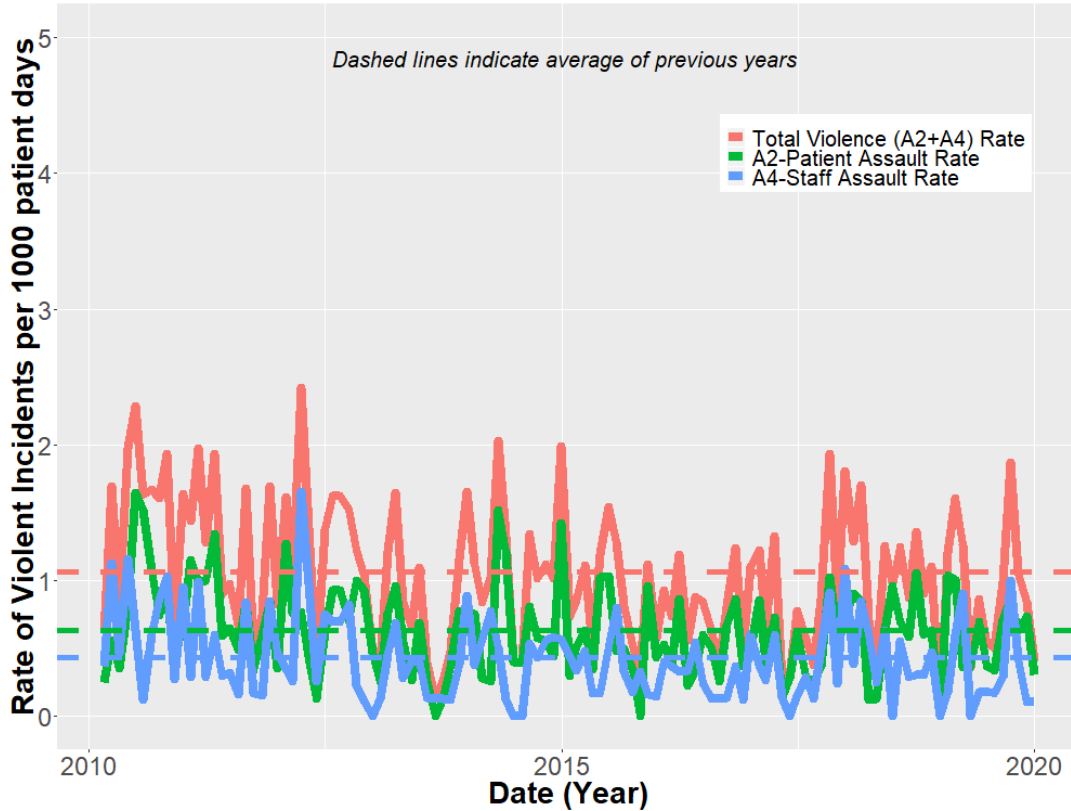
YEAR	CDCR ASSAULTS (A2)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	73	89576	0.815	NA
2011	61	79955	0.763	-6.4
2012	75	99466	0.754	-1.2
2013	43	90337	0.476	-36.9
2014	65	89669	0.725	52.3
2015	40	73840	0.542	-25.2
2016	50	98815	0.506	-6.6
2017	50	93567	0.534	5.5
2018	51	86136	0.592	10.9
2019	51	83094	0.614	3.7

**Table VIII.14**  
**DSH CDCR Yearly A4 Patient on Staff Assault Summary**

YEAR	CDCR ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	62	89576	0.692	NA
2011	36	79955	0.45	-35
2012	55	99466	0.553	22.9
2013	31	90337	0.343	-38
2014	37	89669	0.413	20.4
2015	25	73840	0.339	-17.9
2016	31	98815	0.314	-7.4
2017	38	93567	0.406	29.3
2018	34	86136	0.395	-2.7
2019	28	83094	0.337	-14.7

## Monthly Violence Rates

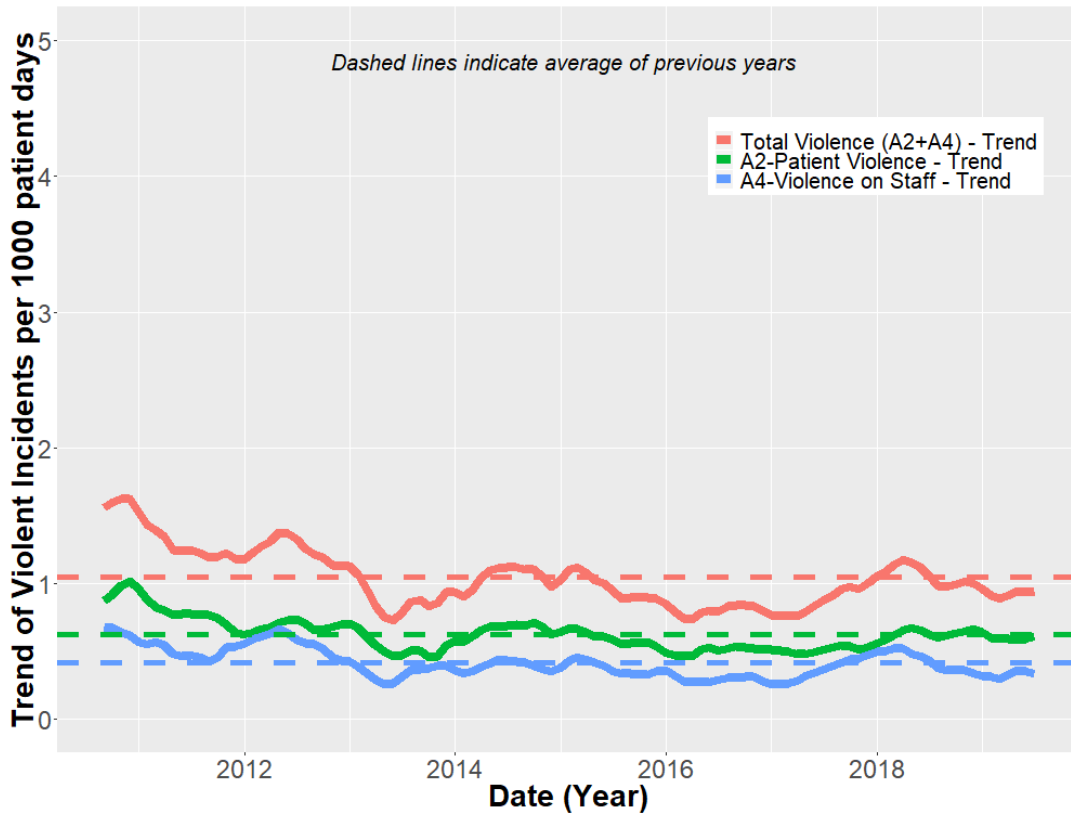
**Figure VIII.17**  
**Monthly Rates of CDCR Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the monthly rates of violence. Because it is hard to distinguish overall trends from the graph of monthly rates, these monthly rates are averaged in the next graph to better illustrate the overall trend over time.

## Trend of Monthly Violence Rates

**Figure VIII.18**  
**Trend of Monthly Rates of CDCR Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the trend data of the monthly rates. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & subsequent, the graph stops with June, 2019. Further information explaining this as well the method used to derive the trends from the monthly rate data is given in [Appendix H](#).

DSH Rates of Violence: SVP's

## Yearly Violence Rates

**Figure VIII.19**  
**Yearly Rates of SVP Assaults in all DSH Hospitals**



As can be seen in the graph above, and in the tables below, in the most recent year:

- Patient-on-patient assaults increased 20.7%
- Patient-on-staff assaults decreased 20.9%

Please see the tables and graphs below for more details.

**Table VIII.15**  
**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	255	286447	0.89	NA
2011	212	317075	0.669	-24.8
2012	232	326960	0.71	6.1
2013	211	336696	0.627	-11.7
2014	196	339488	0.577	-8
2015	144	337447	0.427	-26
2016	145	343989	0.422	-1.2
2017	179	347731	0.515	22
2018	133	348725	0.381	-26
2019	161	350328	0.46	20.7

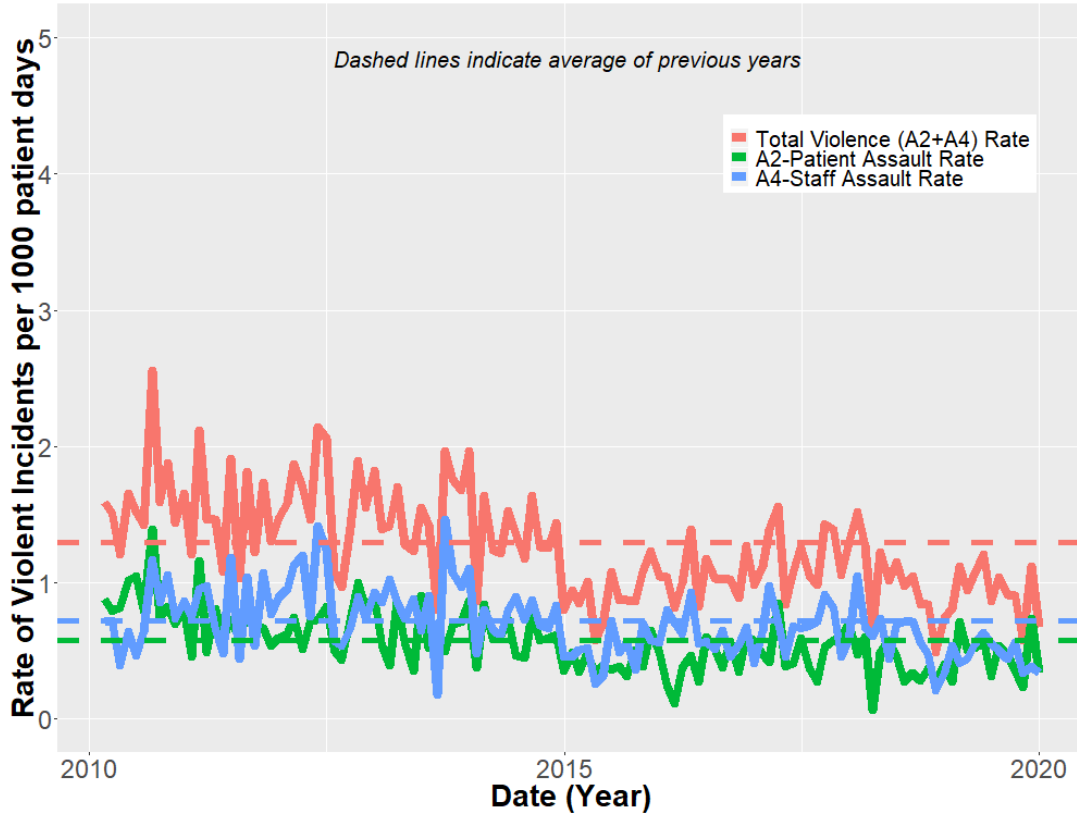
**Table VIII.16**  
**DSH SVP Yearly A4 Patient on Staff Assault Summary**

YEAR	SVP ASSAULTS (A4)	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	215	286447	0.751	NA
2011	257	317075	0.811	8
2012	300	326960	0.918	13.2
2013	299	336696	0.888	-3.3
2014	239	339488	0.704	-20.7
2015	169	337447	0.501	-28.8
2016	212	343989	0.616	23
2017	239	347731	0.687	11.5
2018	209	348725	0.599	-12.8
2019	166	350328	0.474	-20.9

## Monthly Violence Rates

Figure VIII.20

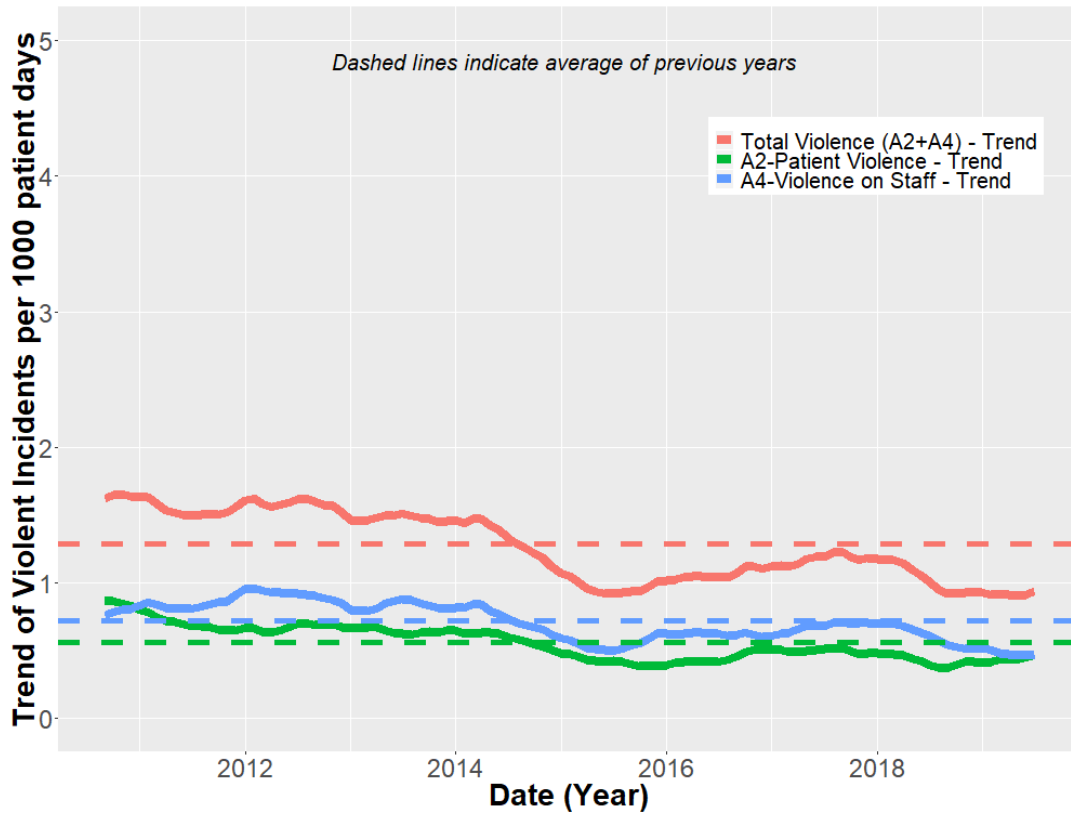
Monthly Rates of SVP Assaults in all DSH Hospitals, per 1000 Patient Days



This graph presents the monthly rates of violence. Because it is hard to distinguish overall trends from the graph of monthly rates, these monthly rates are averaged in the next graph to better illustrate the overall trend over time.

## Trend of Monthly Violence Rates

**Figure VIII.21**  
**Trend of Monthly Rates of SVP Assaults in all DSH Hospitals, per 1000 Patient Days**



This graph presents the trend data of the monthly rates. This is accomplished by averaging the monthly rate with the 6 months previous and the 6 months following; this has the added benefit of removing any “seasonality” from the trend data. Because it averages the 6 months both previous & subsequent, the graph stops with June, 2019. Further information explaining this as well the method used to derive the trends from the monthly rate data is given in [Appendix H](#).



## 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.

## Appendix A: 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 2010-2019, 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, OMD'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, 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.C](#) for further details.*

**Table A.1**  
**DSH-Atascadero Monthly ADC, By Legal Commitment**

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2010	219.3	0.0	82.7	<	<	124.3	599.0	11.8	1043.5
2/28/2010	241.2	0.0	77.5	<	<	123.2	586.6	12.0	1046.6
3/31/2010	251.3	0.0	65.8	<	<	123.0	583.2	12.0	1041.3
4/30/2010	254.4	0.0	66.7	<	<	122.1	586.1	11.2	1046.6
5/31/2010	249.7	0.0	108.1	<	<	121.6	592.6	12.0	1090.0
6/30/2010	236.6	0.0	170.3	<	<	123.5	601.6	<	1148.4
7/31/2010	249.1	0.0	191.0	<	<	124.2	600.7	<	1174.9
8/31/2010	242.2	0.0	194.6	<	<	122.2	609.4	<	1179.3
9/30/2010	243.0	0.0	216.8	<	<	125.7	606.3	<	1203.8
10/31/2010	227.9	0.0	239.2	<	<	124.5	610.8	<	1215.2
11/30/2010	224.3	0.0	237.8	<	<	126.4	611.8	<	1214.3
12/31/2010	215.7	0.0	234.5	<	<	124.4	622.2	<	1211.1
1/31/2011	206.8	0.0	227.8	<	<	122.5	629.6	<	1199.8
2/28/2011	201.4	0.0	208.6	<	<	122.8	630.5	<	1176.4
3/31/2011	213.0	0.0	199.5	<	<	125.3	640.5	<	1190.3
4/30/2011	206.9	0.0	201.6	<	<	129.6	646.0	<	1196.2
5/31/2011	201.3	0.0	163.1	<	<	130.6	646.7	<	1154.4
6/30/2011	192.4	0.0	125.3	<	<	130.7	644.2	<	1105.0
7/31/2011	180.8	0.0	99.7	<	<	130.2	652.2	<	1075.5
8/31/2011	174.7	0.0	94.1	<	<	127.4	653.7	<	1062.2
9/30/2011	178.3	0.0	94.3	<	<	125.1	652.7	<	1061.3
10/31/2011	188.6	0.0	99.6	<	<	123.5	652.9	<	1076.0
11/30/2011	200.7	0.0	88.5	<	<	125.3	637.1	<	1063.7
12/31/2011	213.5	0.0	83.0	<	<	124.7	639.2	<	1072.6
1/31/2012	212.1	0.0	83.0	<	<	123.4	646.5	<	1075.8
2/29/2012	205.9	0.0	88.2	<	<	123.9	646.1	<	1074.4
3/31/2012	193.4	0.0	100.6	<	<	123.6	643.1	<	1072.4
4/30/2012	183.6	0.0	122.3	<	<	125.1	637.0	<	1079.1
5/31/2012	196.7	0.0	142.5	<	<	122.8	628.4	<	1101.3
6/30/2012	205.2	0.0	138.1	<	<	122.3	617.9	<	1093.5
7/31/2012	218.0	0.0	133.1	<	<	121.8	610.3	<	1093.3
8/31/2012	220.6	0.0	127.8	<	<	125.5	599.4	<	1082.8
9/30/2012	226.9	0.0	125.2	<	<	128.1	597.3	<	1086.4
10/31/2012	235.3	0.0	133.2	<	<	132.2	583.8	<	1093.0
11/30/2012	234.7	0.0	157.9	<	<	131.5	588.0	<	1120.1
12/31/2012	227.2	0.0	162.2	<	<	131.8	586.5	<	1115.7
1/31/2013	209.4	0.0	170.6	<	<	130.4	592.7	<	1112.1

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
2/28/2013	199.6	0.0	174.2	<	<	127.8	592.2	<	1103.1
3/31/2013	195.5	0.0	186.6	<	<	127.2	563.5	<	1083.7
4/30/2013	197.4	0.0	183.8	<	<	126.2	568.5	<	1086.9
5/31/2013	200.2	0.0	184.1	<	<	126.2	554.1	<	1076.5
6/30/2013	204.0	0.0	173.5	<	<	124.8	546.7	<	1061.0
7/31/2013	200.9	0.0	164.4	<	<	125.8	530.1	<	1033.3
8/31/2013	217.0	0.0	153.7	<	<	126.4	533.6	<	1042.3
9/30/2013	211.2	0.0	146.5	<	<	127.1	535.9	<	1031.8
10/31/2013	212.6	0.0	127.0	<	<	128.4	533.9	<	1011.0
11/30/2013	207.0	0.0	119.7	<	<	129.0	539.0	<	1003.7
12/31/2013	202.4	0.0	115.8	<	<	128.7	533.6	<	989.9
1/31/2014	205.7	0.0	113.9	<	<	130.5	539.8	<	999.1
2/28/2014	203.9	0.0	126.2	<	<	134.6	541.2	<	1015.1
3/31/2014	198.7	0.0	152.4	<	<	137.6	543.7	<	1042.3
4/30/2014	211.4	0.0	164.1	<	<	138.4	554.8	<	1078.7
5/31/2014	215.6	0.0	181.4	<	<	138.6	552.7	<	1097.5
6/30/2014	200.0	0.0	186.9	<	<	136.8	557.2	<	1090.3
7/31/2014	196.7	0.0	183.7	<	<	139.9	566.0	<	1096.4
8/31/2014	189.1	0.0	191.9	<	<	142.6	571.0	<	1103.5
9/30/2014	178.9	0.0	191.5	<	<	142.9	581.4	<	1103.7
10/31/2014	178.2	0.0	183.2	<	<	143.0	585.9	<	1100.6
11/30/2014	177.7	0.0	184.7	<	<	140.1	590.9	<	1103.7
12/31/2014	175.2	0.0	173.7	<	<	140.4	597.4	<	1095.7
1/31/2015	166.7	0.0	164.8	<	<	141.4	613.7	<	1096.6
2/28/2015	159.4	0.0	164.4	<	<	140.3	623.3	<	1097.4
3/31/2015	155.1	0.0	163.3	<	<	142.8	634.5	<	1105.6
4/30/2015	148.4	0.0	160.1	<	<	144.3	639.3	<	1101.0
5/31/2015	150.5	0.0	168.8	<	<	142.4	631.6	<	1101.2
6/30/2015	150.4	0.0	164.2	<	<	143.8	635.1	<	1101.5
7/31/2015	150.1	0.0	173.5	<	<	143.6	615.0	<	1090.2
8/31/2015	145.1	0.0	209.1	<	<	146.2	574.2	<	1082.7
9/30/2015	143.0	0.0	236.2	<	<	144.3	573.7	<	1106.7
10/31/2015	145.8	0.0	251.9	<	<	145.3	582.6	<	1135.6
11/30/2015	158.7	0.0	248.7	<	<	146.3	580.7	<	1144.5
12/31/2015	172.9	0.0	237.1	<	<	143.7	581.1	<	1144.8
1/31/2016	193.3	0.0	226.8	<	<	141.2	582.5	<	1153.9
2/29/2016	229.1	0.0	213.1	<	<	136.0	583.7	<	1172.9
3/31/2016	248.7	0.0	207.6	<	<	127.7	564.6	<	1160.0
4/30/2016	248.6	0.0	217.0	<	<	121.9	564.1	<	1162.6

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
5/31/2016	247.4	0.0	227.2	<	<	118.7	576.1	<	1180.9
6/30/2016	232.8	0.0	242.4	<	<	119.8	569.9	<	1176.9
7/31/2016	217.6	0.0	243.9	<	<	119.8	567.3	<	1160.6
8/31/2016	212.4	0.0	231.4	<	<	120.2	563.9	<	1139.2
9/30/2016	210.1	0.0	228.1	<	<	119.4	573.4	<	1143.5
10/31/2016	216.9	0.0	258.9	<	<	120.0	574.0	<	1182.5
11/30/2016	223.0	0.0	256.7	<	<	120.9	573.5	<	1186.7
12/31/2016	217.6	0.0	248.0	<	<	119.5	583.0	<	1182.1
1/31/2017	216.0	0.0	244.5	<	<	121.0	591.8	<	1189.0
2/28/2017	222.9	0.0	221.8	11.0	<	122.0	594.8	<	1178.4
3/31/2017	217.9	0.0	216.6	<	<	124.4	605.8	<	1182.1
4/30/2017	203.9	0.0	222.5	11.0	<	124.1	617.1	<	1185.6
5/31/2017	182.7	0.0	240.8	11.0	<	126.0	610.9	<	1177.6
6/30/2017	170.4	0.0	240.8	11.3	<	127.2	619.2	<	1174.5
7/31/2017	174.2	0.0	217.7	11.6	<	129.3	627.8	<	1166.3
8/31/2017	198.1	0.0	192.2	11.3	<	131.7	618.8	<	1157.1
9/30/2017	211.1	0.0	180.4	11.2	<	131.5	630.2	<	1169.9
10/31/2017	224.0	0.0	169.0	<	<	130.9	646.9	<	1186.9
11/30/2017	223.8	0.0	160.2	11.5	<	133.6	642.1	<	1176.9
12/31/2017	211.5	0.0	177.1	12.0	<	134.0	636.5	<	1177.6
1/31/2018	194.1	0.0	185.5	12.8	<	134.8	643.7	<	1179.4
2/28/2018	190.5	0.0	176.9	13.0	<	136.4	650.5	<	1176.4
3/31/2018	202.1	0.0	162.2	12.9	<	136.2	651.8	<	1174.2
4/30/2018	197.3	0.0	159.4	12.0	<	137.6	660.1	<	1172.2
5/31/2018	187.3	0.0	173.6	12.0	<	139.6	665.1	<	1180.6
6/30/2018	172.1	0.0	181.8	12.0	<	139.7	665.2	<	1173.8
7/31/2018	160.7	0.0	171.8	12.5	<	141.1	672.9	<	1161.8
8/31/2018	149.3	0.0	182.9	13.0	<	140.9	671.3	<	1159.5
9/30/2018	154.0	0.0	183.9	12.4	<	141.3	656.6	<	1150.1
10/31/2018	153.2	0.0	194.1	11.7	<	138.7	648.0	<	1147.5
11/30/2018	152.6	0.0	208.8	11.0	<	136.6	641.3	<	1151.3
12/31/2018	143.0	0.0	217.3	12.0	<	141.1	624.3	<	1138.7
1/31/2019	130.3	0.0	244.8	12.2	<	142.7	619.6	<	1150.6
2/28/2019	124.4	0.0	266.2	13.9	<	140.1	606.9	<	1152.4
3/31/2019	125.1	0.0	281.3	15.0	<	139.1	595.4	<	1156.8
4/30/2019	132.6	0.0	288.7	14.5	<	138.5	570.1	0.0	1145.4
5/31/2019	133.4	0.0	292.6	14.1	<	143.9	552.4	0.0	1137.5
6/30/2019	135.2	0.0	294.5	14.2	<	148.3	536.5	0.0	1129.7
7/31/2019	148.7	0.0	295.4	15.0	<	149.2	523.6	0.0	1132.9

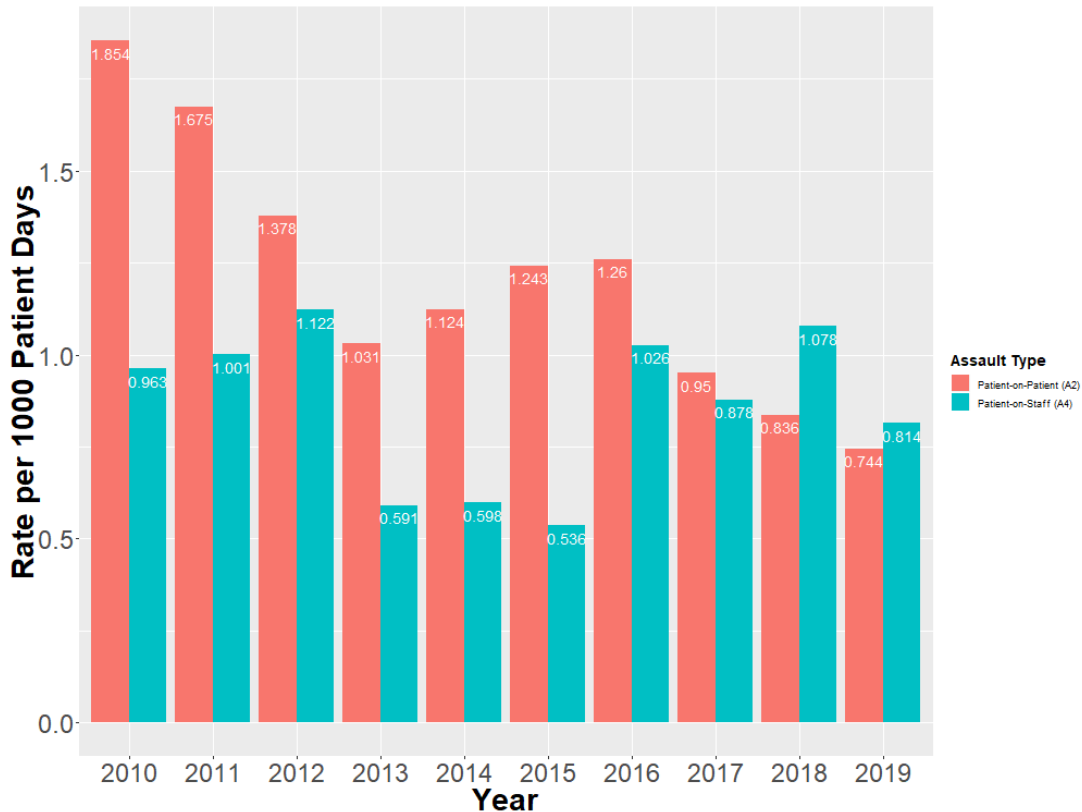
Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
8/31/2019	175.5	0.0	282.8	14.9	<11	151.6	520.1	0.0	1145.9
9/30/2019	209.8	0.0	267.7	13.8	<11	153.2	505.4	0.0	1150.9
10/31/2019	244.7	0.0	243.5	13.0	<11	154.3	489.3	0.0	1145.8
11/30/2019	254.1	0.0	246.0	13.0	<11	158.4	475.1	0.0	1147.7
12/31/2019	254.0	0.0	255.1	13.3	<11	157.6	462.4	0.0	1143.3

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 A.1**  
**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. See [Section II.1.C](#) for further details.

- While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults decreased 12.4% from the 2018 (Table IV.A.1), while the number of patient on staff assaults decreased by 25.8% from 2018 (see Table IV.A.2).
- Coupled with a population decrease (measured in “total patient days”) in 2019 of 1.6%, the rate of patient on patient assault decreased 11.0% from 2018 (see Table IV.A.1), while the rate of patient on staff assault increased 24.5% from 2018 (see Table IV.A.2).

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

**Table A.2**  
**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	414309	1.854	NA
2011	684	408478	1.675	-9.7
2012	550	399192	1.378	-17.7
2013	396	384206	1.031	-25.2
2014	442	393302	1.124	9
2015	503	404796	1.243	10.6
2016	538	427041	1.26	1.4
2017	408	429536	0.95	-24.6
2018	355	424745	0.836	-12
2019	311	417873	0.744	-11

**Table A.3**  
**DSH-Atascadero Yearly A4 Patient on Staff Assault Summary**

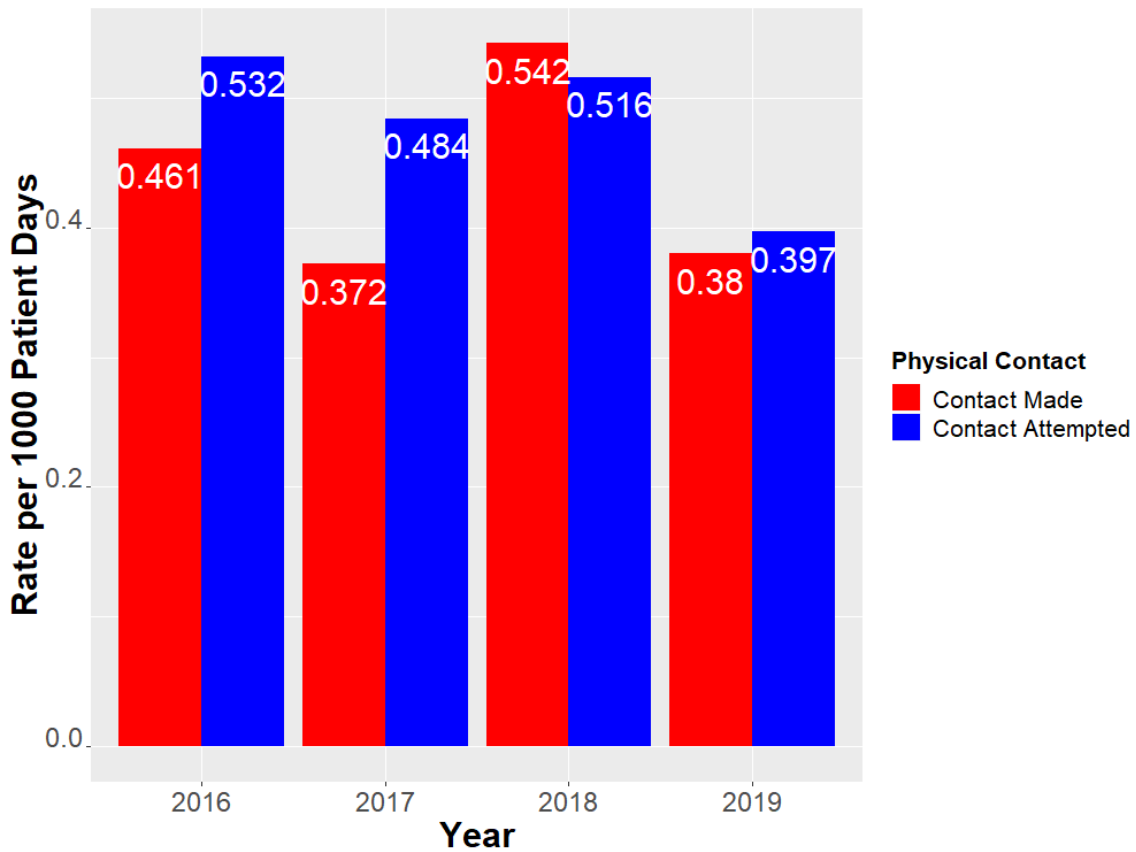
YEAR	A4 PATIENT ON STAFF ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	399	414309	0.963	NA
2011	409	408478	1.001	3.9
2012	448	399192	1.122	12.1
2013	227	384206	0.591	-47.3
2014	235	393302	0.598	1.2
2015	217	404796	0.536	-10.4
2016	438	427041	1.026	91.4
2017	377	429536	0.878	-14.4
2018	458	424745	1.078	22.8
2019	340	417873	0.814	-24.5

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. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities.



The following figure and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure A.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Atascadero**



**Table A.4**  
**DSH – Atascadero Staff Assaults – Physical Contact Made and Contact Attempted**

Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	197	427041	0.461	NA
2016	Contact Attempted	227	427041	0.532	NA
2017	Contact Made	160	429536	0.372	-19.3
2017	Contact Attempted	208	429536	0.484	-8.9
2018	Contact Made	230	424745	0.542	45.4
2018	Contact Attempted	219	424745	0.516	6.5

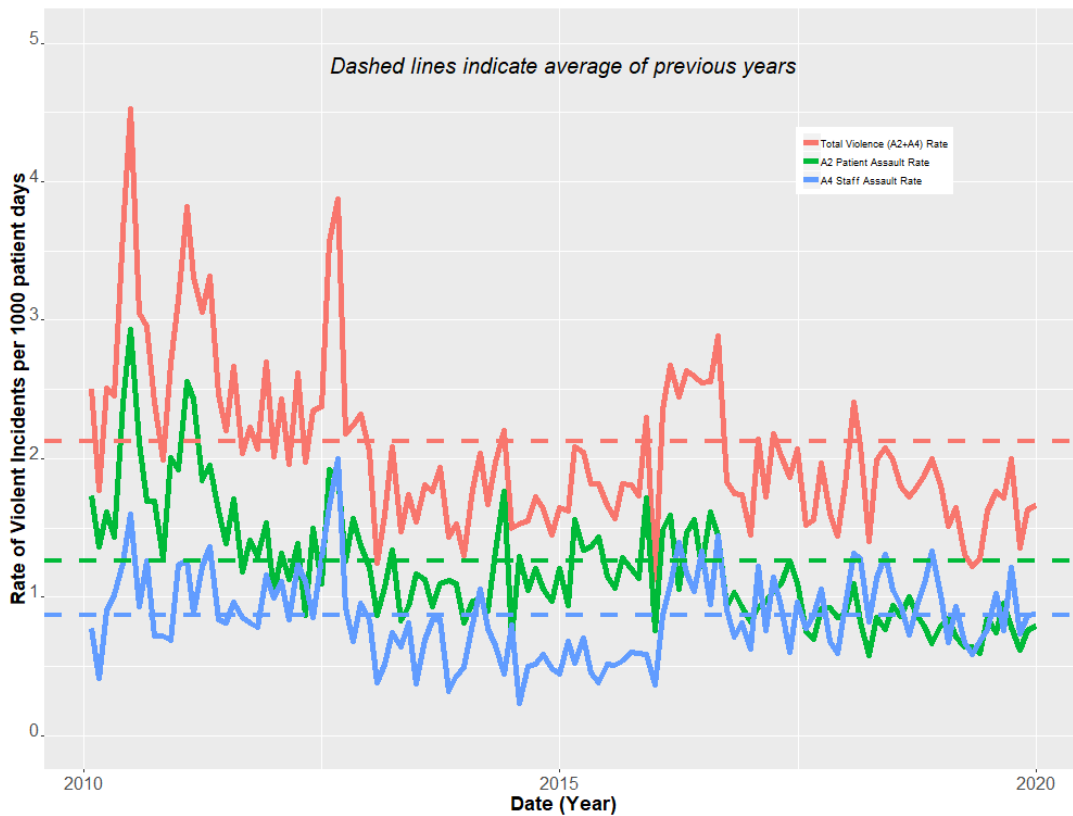
2019	Contact Made	159	417873	0.38	-29.7
2019	Contact Attempted	166	417873	0.397	-23

As seen in the graph and table above, both categories of staff assault decreased, with the largest decrease (-29.7%) seen in the category of “Physical Contact Made.”

## Monthly Rates

The previous barplot (Fig. A.1) showed the violence rates as an overall yearly average and did not show the monthly variability in the rates that occurs regularly. Two figures are shown below, the first being a plot of the violence rates on a monthly basis (Fig. A.3), and the second (Fig. A.4) 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). See [Appendix H](#) for more details of this method.

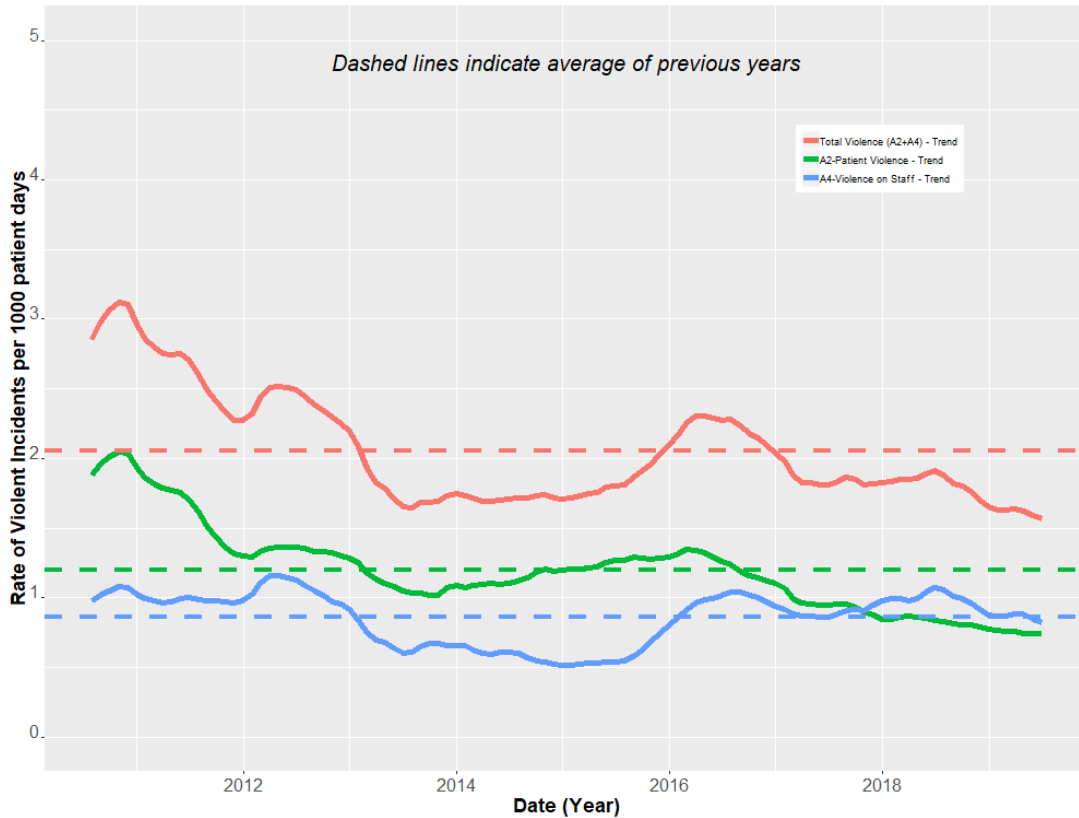
**Figure A.3**  
**DSH-Atascadero Monthly Rates of Violence per 1000 Patient Days**



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. See [Section II.1.C](#) for further details.

## Trend of Monthly Rates

**Figure A.4**  
**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 See [Section II.I.C](#) for further details.

Figure A.4 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 (2010-2018) average rate for each category, for comparison with 2019. Again, for more details on the methodology of trending the monthly rates data, please refer to [Appendix H](#).

Table A.5 provides a yearly summary of the year-over-year changes in the assault rates.

**Table A.5**  
**DSH-Atascadero Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	1.731	0.773	2.504
2/28/2010	1.365	0.410	1.775
3/31/2010	1.611	0.898	2.509
4/30/2010	1.433	1.019	2.452
5/31/2010	2.397	1.243	3.640
6/30/2010	2.932	1.596	4.528
7/31/2010	2.114	0.934	3.048
8/31/2010	1.696	1.258	2.954
9/30/2010	1.689	0.720	2.409
10/31/2010	1.274	0.717	1.991
11/30/2010	2.004	0.686	2.690
12/31/2010	1.918	1.225	3.143
1/31/2011	2.554	1.264	3.818
2/28/2011	2.429	0.880	3.309
3/31/2011	1.843	1.220	3.062
4/30/2011	1.951	1.365	3.316
5/31/2011	1.621	0.838	2.459
6/30/2011	1.388	0.814	2.202
7/31/2011	1.710	0.960	2.669
8/31/2011	1.184	0.850	2.035
9/30/2011	1.413	0.817	2.230
10/31/2011	1.289	0.779	2.069
11/30/2011	1.536	1.160	2.695
12/31/2011	1.023	0.992	2.015
1/31/2012	1.319	1.109	2.429
2/29/2012	1.123	0.834	1.958
3/31/2012	1.384	1.233	2.617
4/30/2012	0.865	1.112	1.977
5/31/2012	1.494	0.849	2.343
6/30/2012	1.097	1.280	2.378
7/31/2012	1.918	1.652	3.570
8/31/2012	1.877	1.996	3.873
9/30/2012	1.258	0.920	2.178
10/31/2012	1.564	0.679	2.243
11/30/2012	1.369	0.952	2.321
12/31/2012	1.214	0.838	2.053
1/31/2013	0.870	0.377	1.247

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	1.068	0.518	1.586
3/31/2013	1.339	0.744	2.084
4/30/2013	0.828	0.644	1.472
5/31/2013	0.929	0.809	1.738
6/30/2013	1.162	0.377	1.539
7/31/2013	1.124	0.687	1.811
8/31/2013	0.928	0.836	1.764
9/30/2013	1.098	0.840	1.938
10/31/2013	1.117	0.319	1.436
11/30/2013	1.096	0.432	1.528
12/31/2013	0.815	0.489	1.303
1/31/2014	0.969	0.807	1.776
2/28/2014	0.985	1.055	2.041
3/31/2014	0.898	0.774	1.671
4/30/2014	1.329	0.649	1.978
5/31/2014	1.764	0.441	2.204
6/30/2014	0.703	0.795	1.498
7/31/2014	1.295	0.235	1.530
8/31/2014	1.052	0.497	1.549
9/30/2014	1.208	0.513	1.721
10/31/2014	1.055	0.586	1.641
11/30/2014	0.966	0.483	1.450
12/31/2014	1.207	0.442	1.649
1/31/2015	0.941	0.677	1.618
2/28/2015	1.562	0.521	2.083
3/31/2015	1.342	0.700	2.042
4/30/2015	1.362	0.454	1.816
5/31/2015	1.435	0.381	1.816
6/30/2015	1.150	0.514	1.664
7/31/2015	1.065	0.503	1.568
8/31/2015	1.281	0.536	1.817
9/30/2015	1.205	0.602	1.807
10/31/2015	1.136	0.597	1.733
11/30/2015	1.718	0.583	2.301
12/31/2015	0.761	0.366	1.127
1/31/2016	1.482	0.867	2.348
2/29/2016	1.588	1.088	2.675
3/31/2016	1.057	1.390	2.447
4/30/2016	1.462	1.175	2.638
5/31/2016	1.557	1.038	2.595
6/30/2016	1.218	1.331	2.549

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7/31/2016	1.612	0.945	2.557
8/31/2016	1.444	1.444	2.888
9/30/2016	0.933	0.904	1.836
10/31/2016	1.037	0.709	1.746
11/30/2016	0.927	0.815	1.742
12/31/2016	0.819	0.628	1.446
1/31/2017	0.922	1.221	2.143
2/28/2017	0.970	0.758	1.727
3/31/2017	1.037	1.146	2.183
4/30/2017	1.096	0.928	2.024
5/31/2017	1.260	0.603	1.863
6/30/2017	1.107	0.965	2.072
7/31/2017	0.747	0.774	1.521
8/31/2017	0.697	0.864	1.561
9/30/2017	0.912	1.054	1.966
10/31/2017	0.924	0.679	1.604
11/30/2017	0.850	0.595	1.445
12/31/2017	0.877	0.931	1.808
1/31/2018	1.094	1.313	2.407
2/28/2018	0.820	1.275	2.095
3/31/2018	0.577	0.824	1.401
4/30/2018	0.853	1.137	1.991
5/31/2018	0.765	1.312	2.077
6/30/2018	0.937	1.051	1.988
7/31/2018	0.861	0.944	1.805
8/31/2018	1.002	0.723	1.725
9/30/2018	0.870	0.927	1.797
10/31/2018	0.787	1.096	1.884
11/30/2018	0.666	1.332	1.998
12/31/2018	0.793	1.020	1.813
1/31/2019	0.841	0.673	1.514
2/28/2019	0.713	0.930	1.643
3/31/2019	0.641	0.669	1.311
4/30/2019	0.640	0.582	1.222
5/31/2019	0.596	0.681	1.276
6/30/2019	0.856	0.767	1.623
7/31/2019	0.740	1.025	1.765
8/31/2019	0.957	0.760	1.717
9/30/2019	0.782	1.216	1.998
10/31/2019	0.619	0.732	1.351
11/30/2019	0.755	0.871	1.626
12/31/2019	0.790	0.875	1.665

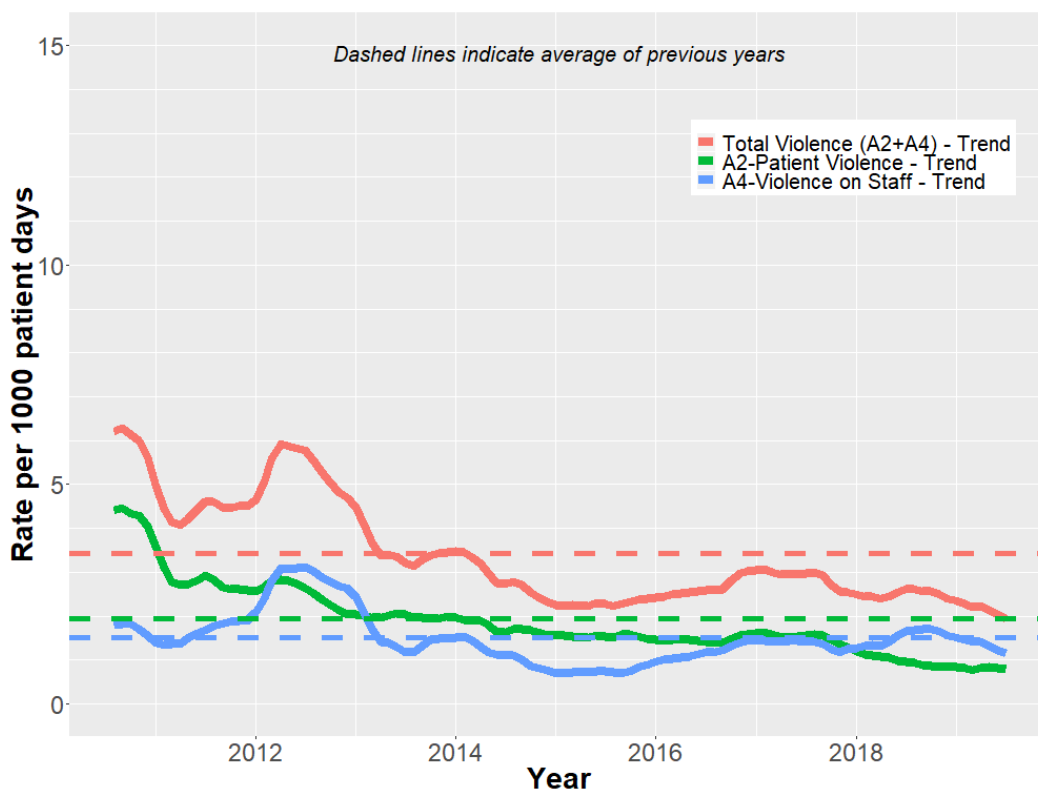
## Violence Rates by Major Legal Classes

### 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 A.5**  
**Trends of Monthly Rates of Violence for IST's at DSH-Atascadero**



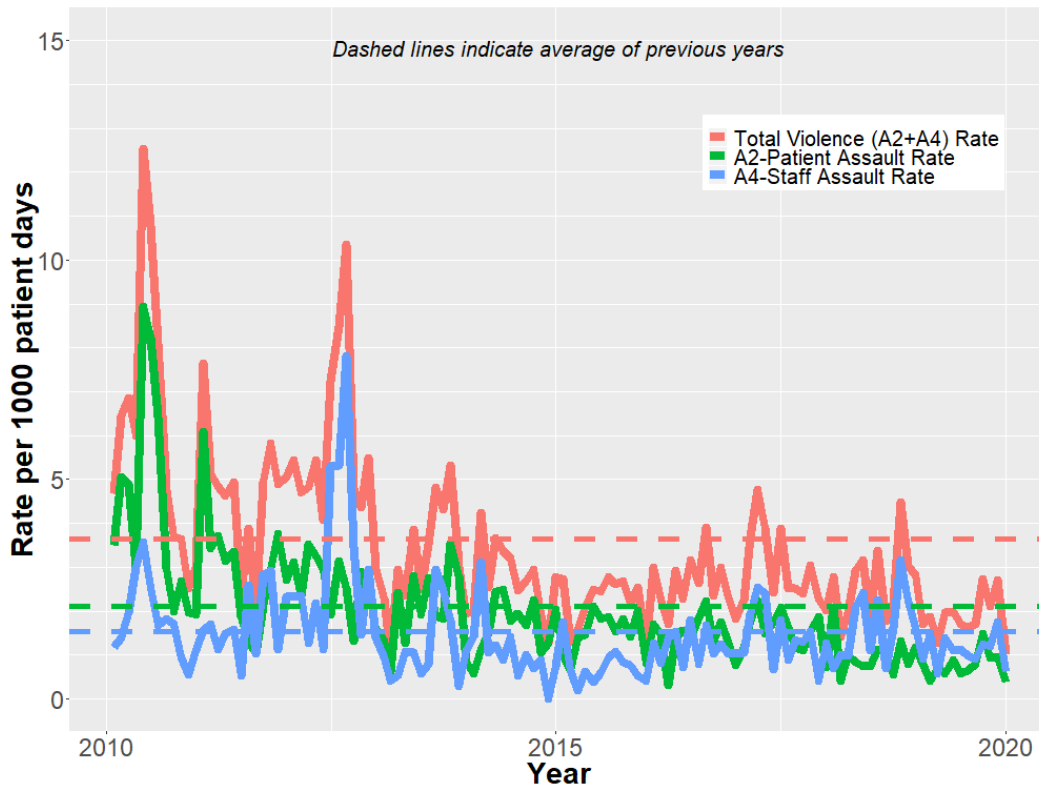
Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. [See Section II.1.C](#) 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 A.6**  
**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. See [Section II.I.C](#) for further details.

**Table A.6**  
**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
1/31/2010	3.513	1.171	4.684
2/28/2010	5.067	1.382	6.449
3/31/2010	4.902	1.961	6.863
4/30/2010	2.999	2.999	5.997
5/31/2010	8.950	3.580	12.530
6/30/2010	8.219	2.544	10.763
7/31/2010	6.419	1.689	8.108
8/31/2010	2.984	1.824	4.808
9/30/2010	1.999	1.692	3.691
10/31/2010	2.697	0.944	3.641
11/30/2010	1.962	0.561	2.523
12/31/2010	1.926	1.101	3.027
1/31/2011	6.090	1.558	7.648
2/28/2011	3.423	1.712	5.135
3/31/2011	3.720	1.132	4.852
4/30/2011	3.141	1.488	4.629
5/31/2011	3.362	1.582	4.945
6/30/2011	1.862	0.532	2.394
7/31/2011	1.295	2.590	3.885
8/31/2011	1.028	1.028	2.056
9/30/2011	2.122	2.829	4.950
10/31/2011	2.915	2.915	5.831
11/30/2011	3.766	1.130	4.896
12/31/2011	2.721	2.332	5.052
1/31/2012	3.108	2.331	5.439
2/29/2012	2.346	2.346	4.691
3/31/2012	3.527	1.282	4.809
4/30/2012	3.271	2.180	5.451
5/31/2012	2.943	1.132	4.075
6/30/2012	1.931	5.309	7.239
7/31/2012	3.152	5.333	8.485
8/31/2012	2.525	7.826	10.351
9/30/2012	1.332	3.462	4.794
10/31/2012	2.907	1.453	4.360
11/30/2012	2.534	2.956	5.490
12/31/2012	1.591	1.392	2.983
1/31/2013	1.324	0.946	2.270

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	0.615	0.410	1.025
3/31/2013	2.420	0.519	2.939
4/30/2013	1.269	1.088	2.358
5/31/2013	2.804	1.051	3.855
6/30/2013	1.922	0.576	2.498
7/31/2013	2.747	0.785	3.532
8/31/2013	1.890	2.939	4.829
9/30/2013	1.820	2.502	4.322
10/31/2013	3.556	1.778	5.334
11/30/2013	2.784	0.278	3.062
12/31/2013	0.836	1.114	1.950
1/31/2014	0.566	1.416	1.982
2/28/2014	1.132	3.113	4.244
3/31/2014	1.482	1.059	2.541
4/30/2014	2.438	1.219	3.657
5/31/2014	2.489	0.889	3.378
6/30/2014	1.783	1.427	3.210
7/31/2014	1.932	0.527	2.459
8/31/2014	1.681	1.009	2.690
9/30/2014	2.263	0.696	2.959
10/31/2014	1.057	0.881	1.937
11/30/2014	1.263	0.000	1.263
12/31/2014	2.043	0.743	2.786
1/31/2015	0.979	1.762	2.741
2/28/2015	0.652	0.652	1.303
3/31/2015	1.383	0.198	1.580
4/30/2015	1.458	0.625	2.082
5/31/2015	2.102	0.382	2.484
6/30/2015	1.827	0.609	2.436
7/31/2015	1.859	0.930	2.789
8/31/2015	1.542	1.080	2.622
9/30/2015	1.835	0.847	2.682
10/31/2015	1.409	0.768	2.177
11/30/2015	2.010	0.536	2.546
12/31/2015	0.816	0.408	1.224
1/31/2016	1.707	1.280	2.987
2/29/2016	1.456	0.809	2.265
3/31/2016	0.311	1.399	1.710
4/30/2016	1.383	1.536	2.919
5/31/2016	1.562	0.710	2.272
6/30/2016	1.375	1.788	3.163
7/31/2016	1.852	0.794	2.645

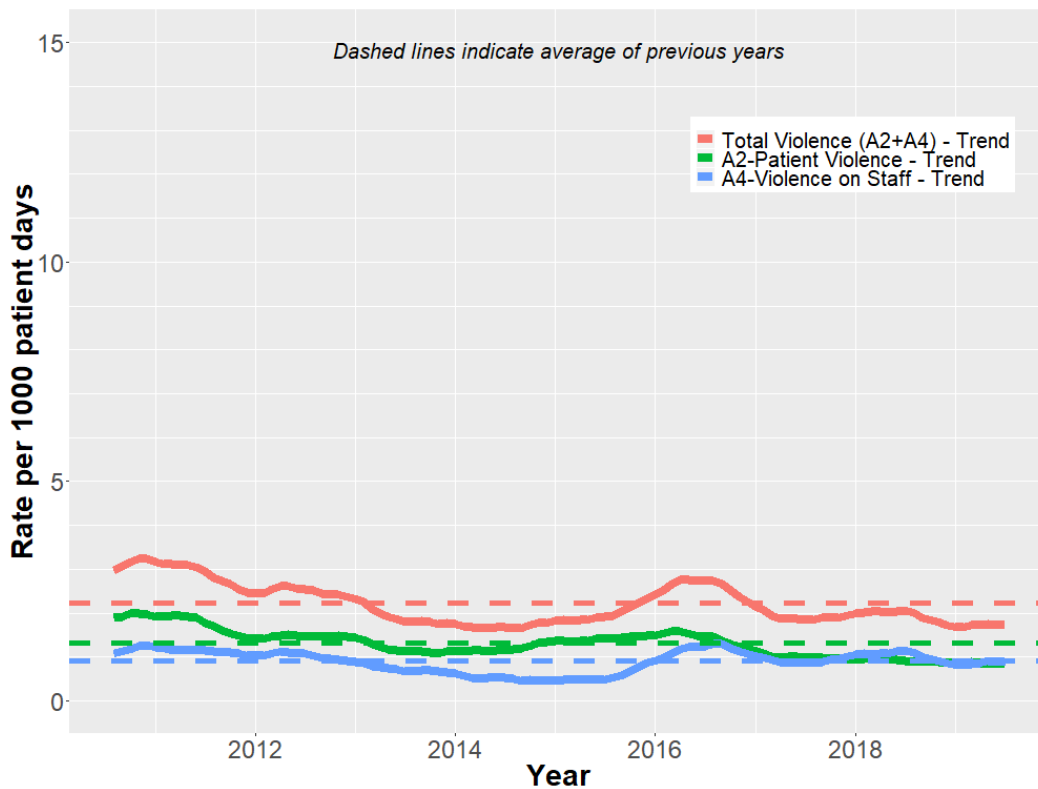
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	2.230	1.673	3.903
9/30/2016	1.315	1.023	2.338
10/31/2016	1.744	1.246	2.990
11/30/2016	1.299	1.039	2.337
12/31/2016	0.780	1.040	1.821
1/31/2017	1.188	1.056	2.243
2/28/2017	1.771	1.932	3.704
3/31/2017	2.234	2.532	4.767
4/30/2017	1.498	2.397	3.895
5/31/2017	1.741	0.670	2.411
6/30/2017	2.076	1.799	3.875
7/31/2017	1.630	0.889	2.519
8/31/2017	1.175	1.343	2.518
9/30/2017	1.109	1.293	2.402
10/31/2017	1.527	1.527	3.055
11/30/2017	1.872	0.416	2.288
12/31/2017	0.729	1.275	2.004
1/31/2018	2.087	0.696	2.783
2/28/2018	0.404	1.009	1.413
3/31/2018	0.995	0.995	1.989
4/30/2018	0.837	2.092	2.928
5/31/2018	0.743	2.415	3.159
6/30/2018	0.734	1.100	1.834
7/31/2018	1.127	2.254	3.380
8/31/2018	1.058	0.705	1.764
9/30/2018	0.544	1.632	2.175
10/31/2018	1.330	3.158	4.488
11/30/2018	0.798	2.235	3.033
12/31/2018	1.188	1.633	2.821
1/31/2019	0.791	0.922	1.713
2/28/2019	0.403	1.476	1.878
3/31/2019	0.688	0.573	1.261
4/30/2019	0.577	1.386	1.963
5/31/2019	0.882	1.102	1.984
6/30/2019	0.566	1.132	1.698
7/31/2019	0.655	0.983	1.638
8/31/2019	0.798	0.912	1.711
9/30/2019	1.494	1.245	2.740
10/31/2019	0.927	1.192	2.120
11/30/2019	0.948	1.761	2.710
12/31/2019	0.379	0.632	1.012

## DSH-Atascadero OMD'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 A.7**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Atascadero**

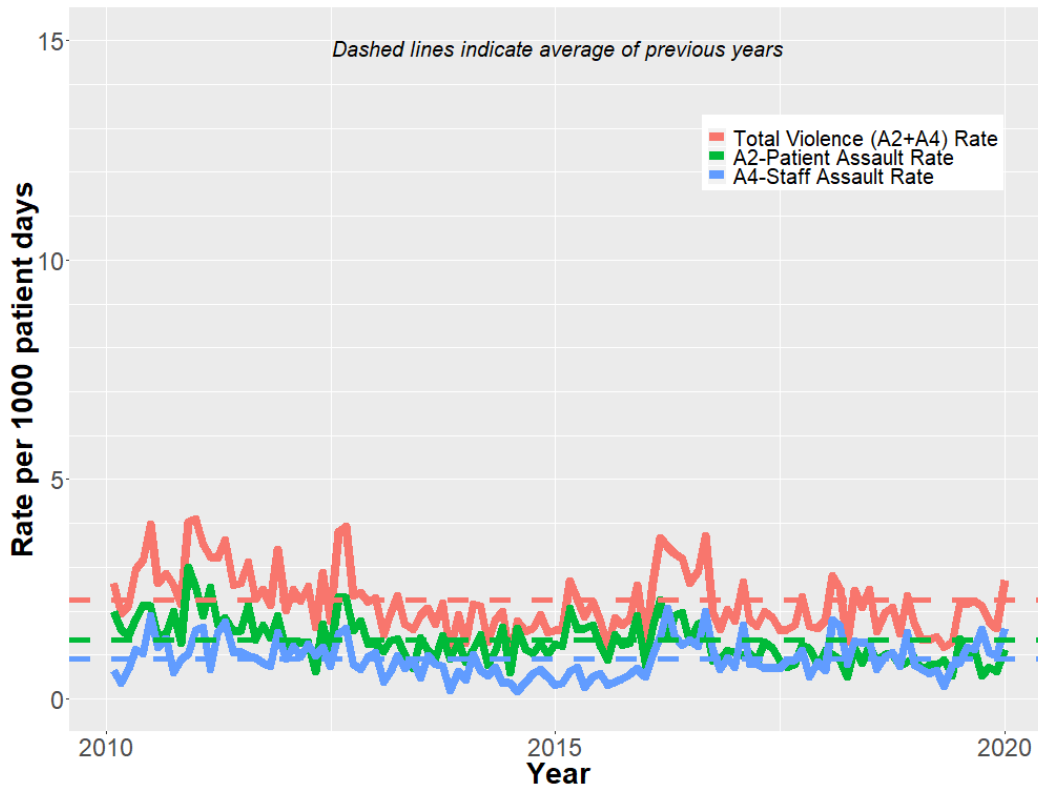


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. See [Section II.I.C](#) 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 A.8**  
**Monthly Rates of Violence for OMD'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. See [Section II.I.C](#) for further details.

**Table A.7**  
**DSH-Atascadero OMD Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	1.992	0.646	2.639
2/28/2010	1.583	0.365	1.948
3/31/2010	1.438	0.664	2.102
4/30/2010	1.820	1.137	2.957
5/31/2010	2.123	1.034	3.157
6/30/2010	2.106	1.884	3.990
7/31/2010	1.450	1.182	2.632
8/31/2010	1.482	1.376	2.858
9/30/2010	1.979	0.605	2.584
10/31/2010	1.268	0.898	2.165
11/30/2010	2.997	1.035	4.032
12/31/2010	2.541	1.555	4.096
1/31/2011	1.896	1.640	3.535
2/28/2011	2.549	0.680	3.229
3/31/2011	1.712	1.511	3.223
4/30/2011	1.858	1.754	3.612
5/31/2011	1.546	1.048	2.594
6/30/2011	1.552	1.087	2.639
7/31/2011	2.127	0.989	3.116
8/31/2011	1.332	0.938	2.270
9/30/2011	1.685	0.817	2.503
10/31/2011	1.383	0.741	2.125
11/30/2011	1.884	1.517	3.401
12/31/2011	1.110	0.908	2.019
1/31/2012	1.297	1.197	2.495
2/29/2012	1.281	0.961	2.242
3/31/2012	1.304	1.254	2.558
4/30/2012	0.628	0.994	1.622
5/31/2012	1.694	1.181	2.875
6/30/2012	1.025	0.755	1.780
7/31/2012	2.326	1.480	3.806
8/31/2012	2.314	1.614	3.928
9/30/2012	1.563	0.781	2.344
10/31/2012	1.768	0.663	2.431
11/30/2012	1.247	0.964	2.211
12/31/2012	1.265	1.045	2.310
1/31/2013	1.089	0.381	1.470

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	1.327	0.603	1.930
3/31/2013	1.374	0.973	2.347
4/30/2013	0.997	0.704	1.700
5/31/2013	0.699	0.873	1.572
6/30/2013	1.402	0.488	1.890
7/31/2013	1.095	0.974	2.069
8/31/2013	0.907	0.786	1.693
9/30/2013	1.431	0.746	2.177
10/31/2013	0.906	0.181	1.088
11/30/2013	1.299	0.618	1.917
12/31/2013	0.846	0.423	1.269
1/31/2014	1.136	1.016	2.152
2/28/2014	1.452	0.660	2.112
3/31/2014	0.771	0.534	1.305
4/30/2014	1.081	0.721	1.802
5/31/2014	1.634	0.350	1.984
6/30/2014	0.598	0.359	0.957
7/31/2014	1.596	0.171	1.767
8/31/2014	1.130	0.395	1.525
9/30/2014	1.032	0.573	1.605
10/31/2014	1.266	0.661	1.927
11/30/2014	1.015	0.508	1.523
12/31/2014	1.242	0.324	1.566
1/31/2015	1.209	0.368	1.577
2/28/2015	2.063	0.630	2.693
3/31/2015	1.576	0.712	2.288
4/30/2015	1.616	0.261	1.877
5/31/2015	1.685	0.511	2.196
6/30/2015	1.207	0.577	1.784
7/31/2015	0.892	0.315	1.206
8/31/2015	1.461	0.393	1.854
9/30/2015	1.220	0.465	1.685
10/31/2015	1.273	0.554	1.827
11/30/2015	1.894	0.689	2.583
12/31/2015	0.777	0.500	1.277
1/31/2016	1.661	0.997	2.658
2/29/2016	2.245	1.418	3.663
3/31/2016	1.428	2.057	3.485
4/30/2016	1.891	1.418	3.309
5/31/2016	1.960	1.232	3.191
6/30/2016	1.287	1.345	2.632



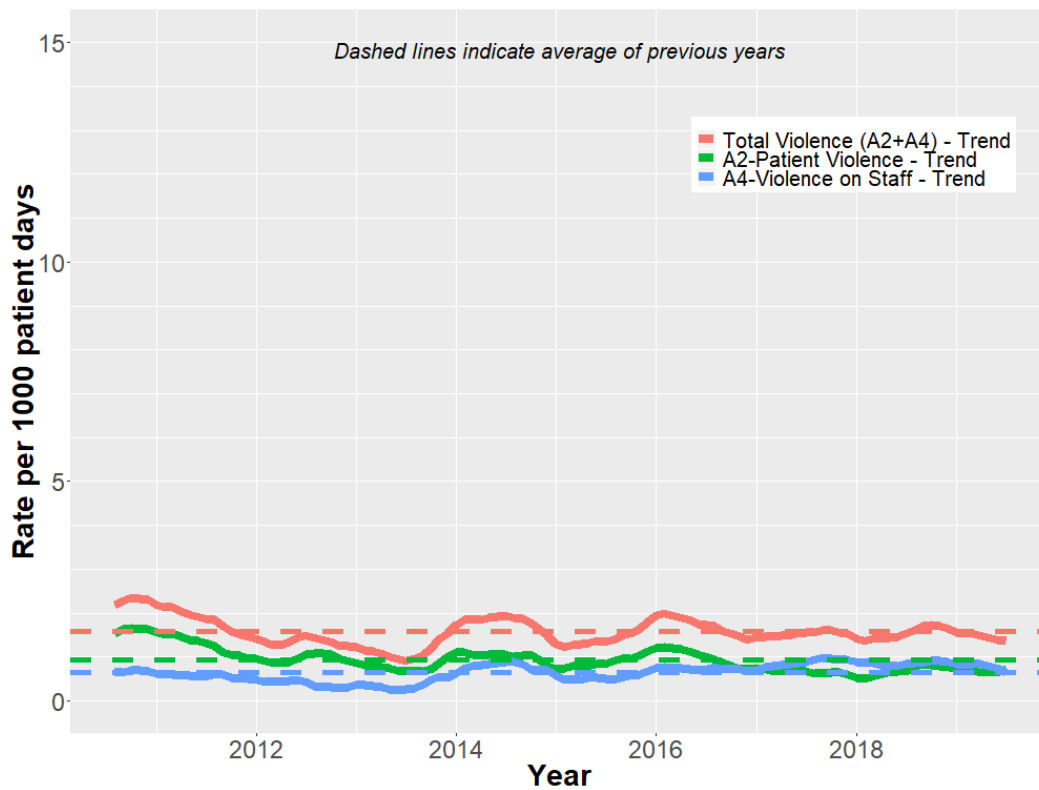
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
7/31/2016	1.706	1.194	2.900
8/31/2016	1.716	2.002	3.718
9/30/2016	0.872	1.105	1.977
10/31/2016	0.899	0.674	1.574
11/30/2016	1.104	0.930	2.034
12/31/2016	1.051	0.719	1.771
1/31/2017	0.981	1.690	2.671
2/28/2017	1.021	0.781	1.801
3/31/2017	0.852	0.799	1.651
4/30/2017	1.296	0.702	1.999
5/31/2017	1.162	0.686	1.848
6/30/2017	0.861	0.700	1.561
7/31/2017	0.719	0.873	1.593
8/31/2017	0.782	0.886	1.668
9/30/2017	1.216	1.111	2.327
10/31/2017	1.147	0.499	1.646
11/30/2017	0.779	0.831	1.609
12/31/2017	1.115	0.659	1.774
1/31/2018	1.002	1.804	2.806
2/28/2018	0.878	1.647	2.525
3/31/2018	0.495	0.792	1.287
4/30/2018	1.161	1.313	2.474
5/31/2018	0.824	1.261	2.085
6/30/2018	1.203	1.303	2.505
7/31/2018	0.863	0.671	1.534
8/31/2018	1.009	0.961	1.970
9/30/2018	1.015	1.066	2.081
10/31/2018	0.747	0.747	1.494
11/30/2018	0.832	1.507	2.339
12/31/2018	0.930	0.775	1.705
1/31/2019	0.677	0.677	1.354
2/28/2019	0.765	0.588	1.353
3/31/2019	0.759	0.650	1.409
4/30/2019	0.877	0.292	1.169
5/31/2019	0.526	0.759	1.285
6/30/2019	1.367	0.808	2.175
7/31/2019	0.986	1.171	2.156
8/31/2019	1.116	1.116	2.233
9/30/2019	0.528	1.583	2.111
10/31/2019	0.725	1.055	1.780
11/30/2019	0.631	0.982	1.614
12/31/2019	1.116	1.605	2.721

## 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 A.9**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Atascadero**

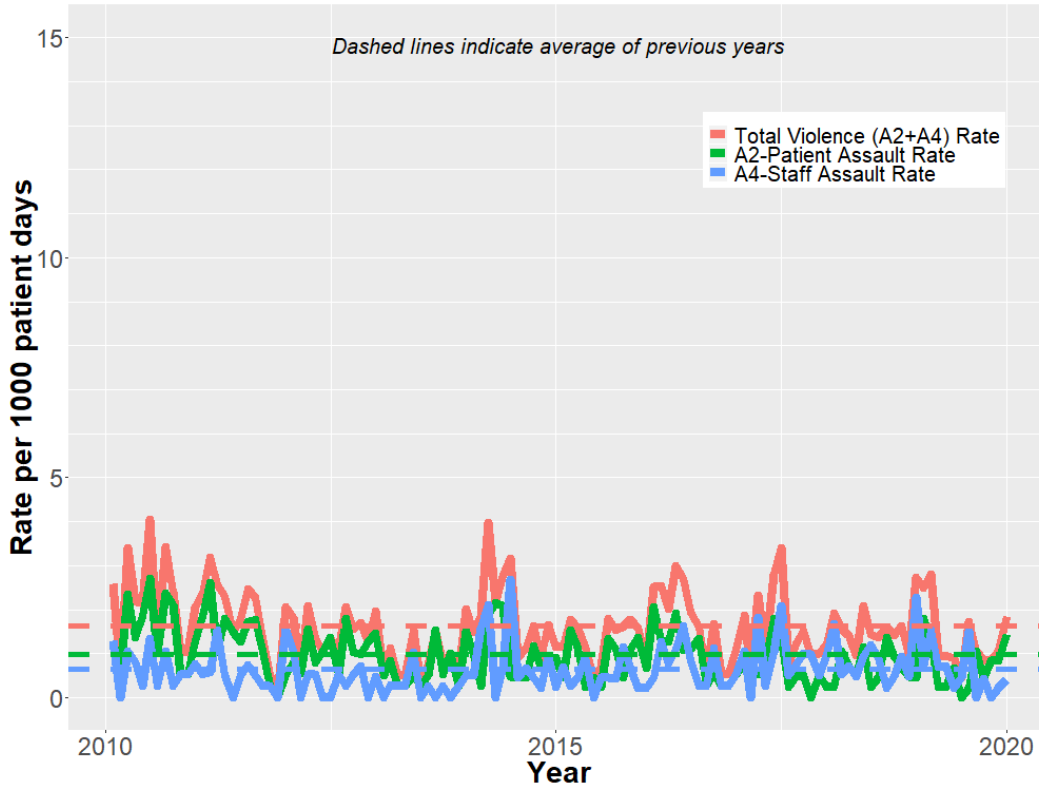


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. See [Section II.I.C](#) 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 A.10**  
**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. See [Section II.1.C](#) for further details.

**Table A.8**  
**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
1/31/2010	1.298	1.298	2.595
2/28/2010	0.580	0.000	0.580
3/31/2010	2.360	1.049	3.408
4/30/2010	1.365	0.819	2.183
5/31/2010	1.858	0.265	2.123
6/30/2010	2.699	1.350	4.049
7/31/2010	1.039	0.260	1.299
8/31/2010	2.376	1.056	3.432
9/30/2010	2.122	0.265	2.387
10/31/2010	0.518	0.518	1.037
11/30/2010	0.528	0.528	1.055
12/31/2010	1.297	0.778	2.075
1/31/2011	1.843	0.527	2.370
2/28/2011	2.619	0.582	3.200
3/31/2011	1.030	1.544	2.574
4/30/2011	1.800	0.514	2.314
5/31/2011	1.483	0.000	1.483
6/30/2011	1.276	0.510	1.786
7/31/2011	1.734	0.743	2.478
8/31/2011	1.773	0.507	2.280
9/30/2011	1.066	0.266	1.332
10/31/2011	0.261	0.261	0.522
11/30/2011	0.000	0.000	0.000
12/31/2011	0.517	1.552	2.069
1/31/2012	0.785	1.046	1.831
2/29/2012	0.557	0.000	0.557
3/31/2012	1.566	0.522	2.088
4/30/2012	0.799	0.533	1.332
5/31/2012	1.051	0.000	1.051
6/30/2012	1.363	0.000	1.363
7/31/2012	0.530	0.530	1.059
8/31/2012	1.799	0.257	2.056
9/30/2012	1.041	0.520	1.561
10/31/2012	0.976	0.732	1.708
11/30/2012	1.268	0.000	1.268
12/31/2012	1.468	0.489	1.957
1/31/2013	0.495	0.000	0.495

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	0.839	0.280	1.118
3/31/2013	0.254	0.254	0.507
4/30/2013	0.264	0.264	0.528
5/31/2013	0.511	1.023	1.534
6/30/2013	0.267	0.000	0.267
7/31/2013	0.513	0.256	0.769
8/31/2013	1.531	0.000	1.531
9/30/2013	0.525	0.262	0.787
10/31/2013	1.005	0.000	1.005
11/30/2013	0.258	0.258	0.517
12/31/2013	1.503	0.501	2.005
1/31/2014	0.989	0.495	1.484
2/28/2014	0.265	1.592	1.857
3/31/2014	1.876	2.111	3.987
4/30/2014	2.168	0.000	2.168
5/31/2014	2.095	0.698	2.793
6/30/2014	0.487	2.680	3.168
7/31/2014	0.461	0.461	0.923
8/31/2014	0.452	0.679	1.131
9/30/2014	1.166	0.467	1.633
10/31/2014	0.677	0.226	0.902
11/30/2014	0.714	0.951	1.665
12/31/2014	0.919	0.230	1.149
1/31/2015	0.456	0.685	1.141
2/28/2015	1.527	0.255	1.782
3/31/2015	1.129	0.452	1.581
4/30/2015	0.231	0.924	1.155
5/31/2015	0.453	0.000	0.453
6/30/2015	0.232	0.464	0.695
7/31/2015	1.348	0.449	1.797
8/31/2015	1.103	0.441	1.545
9/30/2015	0.462	1.155	1.617
10/31/2015	1.110	0.666	1.776
11/30/2015	1.367	0.228	1.595
12/31/2015	0.673	0.224	0.898
1/31/2016	2.056	0.457	2.513
2/29/2016	1.268	1.268	2.536
3/31/2016	1.263	0.758	2.021
4/30/2016	1.914	1.093	3.007
5/31/2016	1.087	1.630	2.717
6/30/2016	1.113	0.835	1.948
7/31/2016	1.346	0.269	1.615

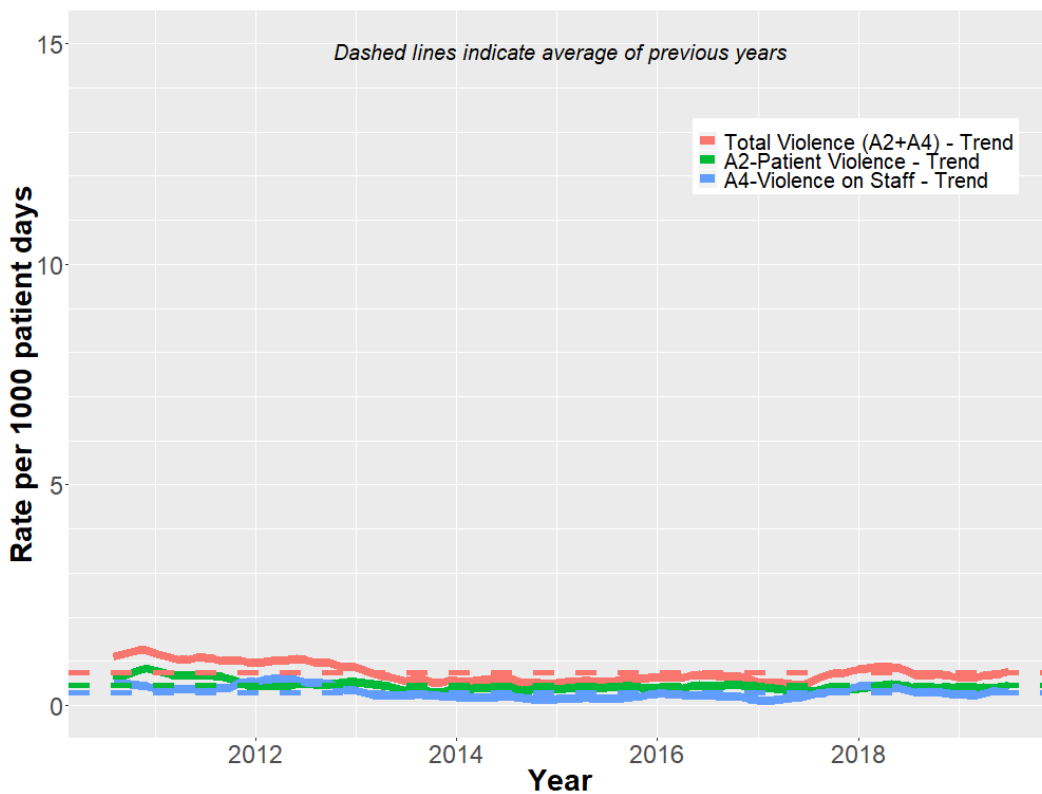
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	0.268	0.268	0.537
9/30/2016	0.558	1.117	1.675
10/31/2016	0.269	0.269	0.537
11/30/2016	0.276	0.276	0.551
12/31/2016	0.540	0.540	1.080
1/31/2017	0.800	1.066	1.866
2/28/2017	0.585	0.000	0.585
3/31/2017	0.519	1.816	2.335
4/30/2017	0.806	0.269	1.074
5/31/2017	1.792	1.024	2.816
6/30/2017	1.310	2.096	3.407
7/31/2017	0.250	0.499	0.749
8/31/2017	0.490	0.735	1.225
9/30/2017	0.507	1.014	1.521
10/31/2017	0.000	0.985	0.985
11/30/2017	0.499	0.499	0.998
12/31/2017	0.241	0.963	1.204
1/31/2018	0.239	1.675	1.914
2/28/2018	1.048	0.524	1.572
3/31/2018	0.710	0.710	1.421
4/30/2018	0.484	0.484	0.969
5/31/2018	1.156	0.924	2.080
6/30/2018	0.239	1.193	1.432
7/31/2018	0.457	0.915	1.372
8/31/2018	1.374	0.229	1.603
9/30/2018	0.944	0.472	1.415
10/31/2018	0.698	0.930	1.628
11/30/2018	0.488	0.488	0.976
12/31/2018	0.457	2.286	2.743
1/31/2019	1.809	0.678	2.487
2/28/2019	1.275	1.530	2.805
3/31/2019	0.232	0.696	0.928
4/30/2019	0.241	0.722	0.962
5/31/2019	0.673	0.224	0.897
6/30/2019	0.000	0.450	0.450
7/31/2019	0.216	1.514	1.730
8/31/2019	1.064	0.000	1.064
9/30/2019	0.435	0.435	0.870
10/31/2019	0.836	0.000	0.836
11/30/2019	0.842	0.210	1.052
12/31/2019	1.433	0.409	1.842

## DSH-Atascadero CDCR'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 A.11**  
**Trends of Monthly Rates of Violence for CDCR's at DSH-Atascadero**

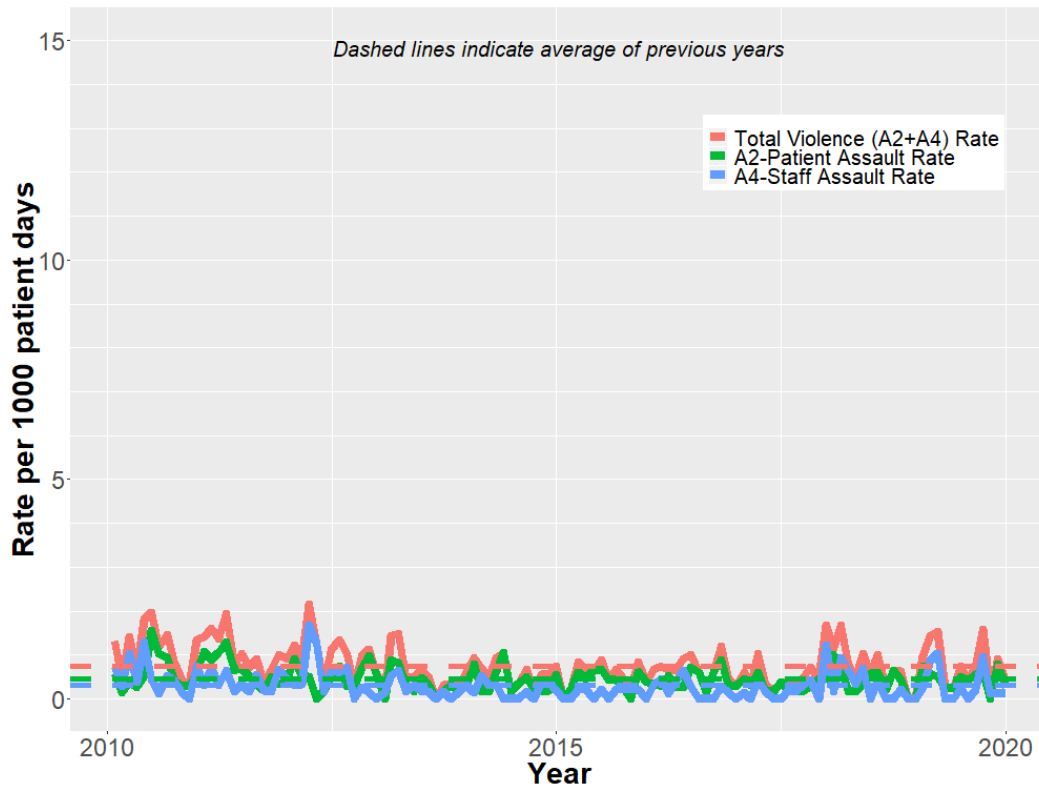


Note: Prior to January 1, 2016 DSH-Atascadero coded an assault as Patient on Staff (A4) only when physical contact was made between patient and staff. All other DSH facilities code an assault as Patient on Staff (A4) either when physical contact was made **or** when physical contact was **attempted**. On January 1, 2016 DSH-Atascadero began coding assaults in the same manner as all other DSH facilities. See [Section II.I.C](#) 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 A.12**  
**Monthly Rates of Violence for CDCR'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. See [Section II.I.C](#) for further details.



**Table A.9**  
**DSH-Atascadero CDCR Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	0.588	0.736	1.324
2/28/2010	0.148	0.296	0.444
3/31/2010	0.385	1.027	1.412
4/30/2010	0.262	0.393	0.655
5/31/2010	0.517	1.292	1.809
6/30/2010	1.550	0.423	1.973
7/31/2010	1.036	0.129	1.165
8/31/2010	0.932	0.533	1.465
9/30/2010	0.411	0.411	0.823
10/31/2010	0.283	0.142	0.425
11/30/2010	0.297	0.000	0.297
12/31/2010	0.598	0.748	1.346
1/31/2011	1.092	0.312	1.404
2/28/2011	0.887	0.709	1.596
3/31/2011	1.060	0.303	1.363
4/30/2011	1.289	0.644	1.933
5/31/2011	0.641	0.160	0.801
6/30/2011	0.693	0.347	1.040
7/31/2011	0.535	0.178	0.714
8/31/2011	0.369	0.554	0.924
9/30/2011	0.187	0.187	0.374
10/31/2011	0.513	0.171	0.684
11/30/2011	0.332	0.664	0.997
12/31/2011	0.453	0.453	0.906
1/31/2012	0.912	0.304	1.217
2/29/2012	0.502	0.335	0.837
3/31/2012	0.500	1.668	2.168
4/30/2012	0.000	1.271	1.271
5/31/2012	0.164	0.164	0.328
6/30/2012	0.487	0.650	1.137
7/31/2012	0.740	0.592	1.332
8/31/2012	0.293	0.731	1.024
9/30/2012	0.294	0.000	0.294
10/31/2012	0.685	0.274	0.960

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2012	0.994	0.142	1.136
12/31/2012	0.568	0.000	0.568
1/31/2013	0.000	0.154	0.154
2/28/2013	0.895	0.537	1.431
3/31/2013	0.825	0.660	1.485
4/30/2013	0.338	0.169	0.507
5/31/2013	0.161	0.322	0.483
6/30/2013	0.490	0.163	0.653
7/31/2013	0.321	0.161	0.482
8/31/2013	0.000	0.000	0.000
9/30/2013	0.158	0.158	0.316
10/31/2013	0.303	0.000	0.303
11/30/2013	0.161	0.161	0.322
12/31/2013	0.319	0.319	0.638
1/31/2014	0.784	0.157	0.941
2/28/2014	0.175	0.525	0.701
3/31/2014	0.162	0.325	0.487
4/30/2014	0.631	0.315	0.946
5/31/2014	1.047	0.000	1.047
6/30/2014	0.167	0.000	0.167
7/31/2014	0.328	0.000	0.328
8/31/2014	0.512	0.171	0.682
9/30/2014	0.186	0.000	0.186
10/31/2014	0.181	0.362	0.543
11/30/2014	0.188	0.375	0.563
12/31/2014	0.552	0.184	0.736
1/31/2015	0.000	0.000	0.000
2/28/2015	0.224	0.000	0.224
3/31/2015	0.624	0.208	0.832
4/30/2015	0.449	0.225	0.674
5/31/2015	0.643	0.000	0.643
6/30/2015	0.665	0.222	0.887
7/31/2015	0.430	0.000	0.430
8/31/2015	0.445	0.222	0.667
9/30/2015	0.233	0.233	0.466
10/31/2015	0.000	0.221	0.221
11/30/2015	0.630	0.210	0.840
12/31/2015	0.373	0.000	0.373

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2016	0.334	0.334	0.667
2/29/2016	0.301	0.452	0.753
3/31/2016	0.519	0.130	0.648
4/30/2016	0.268	0.402	0.671
5/31/2016	0.261	0.652	0.913
6/30/2016	0.716	0.286	1.002
7/31/2016	0.593	0.000	0.593
8/31/2016	0.152	0.000	0.152
9/30/2016	0.635	0.000	0.635
10/31/2016	0.892	0.297	1.190
11/30/2016	0.299	0.149	0.448
12/31/2016	0.297	0.000	0.297
1/31/2017	0.448	0.149	0.597
2/28/2017	0.321	0.000	0.321
3/31/2017	0.592	0.444	1.036
4/30/2017	0.164	0.164	0.327
5/31/2017	0.177	0.000	0.177
6/30/2017	0.391	0.000	0.391
7/31/2017	0.185	0.185	0.370
8/31/2017	0.163	0.163	0.326
9/30/2017	0.158	0.316	0.474
10/31/2017	0.288	0.432	0.720
11/30/2017	0.447	0.000	0.447
12/31/2017	0.458	1.220	1.678
1/31/2018	0.997	0.166	1.163
2/28/2018	0.750	0.938	1.688
3/31/2018	0.160	0.639	0.798
4/30/2018	0.169	0.338	0.507
5/31/2018	0.345	0.689	1.034
6/30/2018	0.581	0.000	0.581
7/31/2018	0.602	0.402	1.004
8/31/2018	0.216	0.000	0.216
9/30/2018	0.649	0.000	0.649
10/31/2018	0.421	0.211	0.632
11/30/2018	0.000	0.000	0.000
12/31/2018	0.000	0.000	0.000
1/31/2019	0.743	0.248	0.990
2/28/2019	0.574	0.862	1.436
3/31/2019	0.516	1.031	1.547

<b>DATE</b>	<b>A2 PATIENT ON PATIENT ASSAULT RATE</b>	<b>A4 PATIENT ON STAFF ASSAULT RATE</b>	<b>TOTAL VIOLENCE (A2+A4) RATE</b>
4/30/2019	0.251	0.000	0.251
5/31/2019	0.242	0.000	0.242
6/30/2019	0.493	0.247	0.740
7/31/2019	0.434	0.000	0.434
8/31/2019	0.551	0.184	0.735
9/30/2019	0.636	0.953	1.589
10/31/2019	0.000	0.132	0.132
11/30/2019	0.787	0.131	0.918
12/31/2019	0.254	0.127	0.381

## Appendix B: 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 2010-2019, 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, OMD'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 B.1**  
**DSH-Coalinga Monthly ADC, By Legal Commitment**

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2010	34.2	0.0	0.0	0.0	<11	0.0	87.3	843.6	966.7
2/28/2010	28.6	0.0	0.0	0.0	<11	0.0	98.1	840.7	969.3
3/31/2010	12.8	0.0	0.0	0.0	<11	0.0	101.0	841.5	957.3
4/30/2010	<11	0.0	0.0	0.0	<11	0.0	101.0	844.1	952.0
5/31/2010	0.0	0.0	0.0	0.0	<11	0.0	100.7	844.8	947.5
6/30/2010	0.0	0.0	0.0	0.0	<11	0.0	98.3	846.8	947.1
7/31/2010	0.0	0.0	0.0	0.0	<11	0.0	98.0	853.3	953.3
8/31/2010	0.0	0.0	0.0	0.0	<11	0.0	97.3	852.1	951.4
9/30/2010	0.0	0.0	0.0	0.0	<11	0.0	97.0	851.3	950.3
10/31/2010	0.0	0.0	0.0	0.0	<11	0.0	97.0	849.8	948.8
11/30/2010	0.0	0.0	0.0	0.0	<11	0.0	97.0	848.7	947.7
12/31/2010	0.0	0.0	0.0	0.0	<11	0.0	96.7	849.7	948.3
1/31/2011	0.0	0.0	0.0	0.0	<11	0.0	96.3	847.6	946.6
2/28/2011	0.0	0.0	0.0	0.0	<11	0.0	95.0	851.5	949.5
3/31/2011	0.0	0.0	0.0	0.0	<11	0.0	96.0	854.1	953.1
4/30/2011	0.0	0.0	0.0	0.0	<11	0.0	95.7	856.4	955.1
5/31/2011	0.0	0.0	0.0	0.0	<11	0.0	95.9	860.3	960.0
6/30/2011	0.0	0.0	0.0	0.0	<11	0.0	96.6	862.9	963.5
7/31/2011	0.0	0.0	0.0	0.0	<11	0.0	95.2	864.5	963.7
8/31/2011	0.0	0.0	0.0	0.0	<11	0.0	95.5	863.4	962.8
9/30/2011	0.0	0.0	0.0	0.0	<11	0.0	96.0	865.7	966.0
10/31/2011	0.0	0.0	0.0	0.0	<11	0.0	96.0	865.3	966.3
11/30/2011	15.1	0.0	0.0	0.0	<11	0.0	95.0	864.5	979.6
12/31/2011	40.3	0.0	0.0	0.0	<11	0.0	93.8	867.3	1006.5
1/31/2012	49.4	0.0	0.0	0.0	<11	0.0	92.8	871.8	1019.0
2/29/2012	49.5	0.0	0.0	0.0	<11	0.0	93.0	878.8	1026.3
3/31/2012	48.0	0.0	0.0	0.0	<11	0.0	93.0	882.0	1028.0
4/30/2012	45.6	0.0	0.0	0.0	<11	0.0	92.1	882.6	1025.4
5/31/2012	49.7	0.0	0.0	0.0	<11	0.0	90.4	882.7	1027.8
6/30/2012	49.6	0.0	0.0	0.0	<11	0.0	90.3	884.2	1029.1
7/31/2012	49.2	0.0	0.0	0.0	<11	0.0	90.0	888.9	1033.2
8/31/2012	49.6	0.0	0.0	0.0	<11	0.0	92.0	892.6	1039.2
9/30/2012	49.7	0.0	0.0	0.0	<11	0.0	91.6	897.0	1043.3
10/31/2012	48.3	0.0	0.0	0.0	<11	0.0	91.5	896.9	1041.7
11/30/2012	47.4	0.0	0.0	0.0	<11	0.0	90.9	899.3	1042.7
12/31/2012	45.1	0.0	0.0	0.0	<11	0.0	92.7	898.9	1041.7

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2013	40.8	0.0	0.0	0.0	<	0.0	92.4	899.0	1037.2
2/28/2013	32.8	0.0	0.0	0.0	<	0.0	96.6	901.7	1036.0
3/31/2013	36.2	0.0	0.0	0.0	<	0.0	122.9	903.4	1067.5
4/30/2013	37.0	0.0	0.0	0.0	<	0.0	133.0	905.9	1080.9
5/31/2013	40.4	0.0	0.0	0.0	<	0.0	136.0	912.9	1094.4
6/30/2013	37.6	0.0	0.0	0.0	<	0.0	135.8	919.6	1097.9
7/31/2013	36.0	0.0	0.0	0.0	<	0.0	135.0	923.8	1099.8
8/31/2013	37.6	0.0	0.0	0.0	<	0.0	133.8	926.1	1102.5
9/30/2013	40.0	0.0	0.0	0.0	<	0.0	132.4	929.1	1106.5
10/31/2013	45.1	0.0	0.0	0.0	<	0.0	132.3	929.3	1111.7
11/30/2013	49.2	0.0	0.0	0.0	<	0.0	132.0	928.0	1114.2
12/31/2013	49.5	0.0	0.0	0.0	<	0.0	132.0	929.5	1116.0
1/31/2014	49.2	0.0	0.0	0.0	<	0.0	130.9	931.5	1116.6
2/28/2014	49.0	0.0	0.0	0.0	<	0.0	135.1	930.2	1119.4
3/31/2014	48.7	0.0	0.0	0.0	<	0.0	156.6	930.5	1140.7
4/30/2014	49.7	0.0	0.0	0.0	<	0.0	167.7	926.9	1149.3
5/31/2014	49.3	0.0	0.0	0.0	<	0.0	167.9	926.1	1148.3
6/30/2014	49.7	0.0	0.0	0.0	<	0.0	177.7	928.6	1161.0
7/31/2014	49.4	0.0	0.0	0.0	<	<	182.4	927.3	1164.2
8/31/2014	49.5	0.0	0.0	0.0	<	0.0	184.7	922.9	1162.0
9/30/2014	49.7	0.0	0.0	0.0	<	0.0	193.8	922.1	1170.6
10/31/2014	49.6	0.0	0.0	0.0	<	0.0	197.1	920.8	1172.4
11/30/2014	49.4	0.0	0.0	0.0	<	0.0	205.4	920.0	1179.8
12/31/2014	50.0	0.0	0.0	0.0	<	0.0	206.3	921.9	1183.2
1/31/2015	49.5	0.0	0.0	0.0	<	0.0	203.3	924.2	1182.0
2/28/2015	49.1	0.0	0.0	0.0	<	0.0	201.5	923.7	1179.4
3/31/2015	46.0	0.0	0.0	0.0	<	0.0	199.2	923.4	1173.6
4/30/2015	43.4	0.0	0.0	0.0	<	0.0	204.8	921.0	1174.8
5/31/2015	37.2	0.0	0.0	0.0	<	0.0	216.0	921.9	1185.0
6/30/2015	41.5	0.0	0.0	0.0	<	0.0	221.7	923.0	1196.3
7/31/2015	49.5	0.0	0.0	0.0	<	0.0	234.3	923.9	1217.7
8/31/2015	49.0	0.0	0.0	0.0	<	0.0	264.1	923.7	1246.7
9/30/2015	47.9	0.0	0.0	0.0	<	0.0	270.0	922.4	1250.3
10/31/2015	48.5	0.0	0.0	0.0	<	<	272.1	921.0	1252.4
11/30/2015	47.2	0.0	0.0	0.0	<	<	272.8	921.6	1253.1
12/31/2015	47.8	0.0	0.0	0.0	11.0	<	273.3	923.4	1256.5
1/31/2016	48.6	0.0	0.0	0.0	11.0	<	273.2	926.9	1260.7
2/29/2016	49.3	0.0	0.0	0.0	11.0	<	275.1	929.4	1265.8
3/31/2016	48.1	0.0	0.0	0.0	11.0	<	278.0	931.8	1269.8
4/30/2016	47.8	0.0	0.0	0.0	11.0	<	275.7	935.1	1270.6

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
5/31/2016	47.2	0.0	0.0	0.0	11.0	<	275.1	936.4	1270.6
6/30/2016	43.8	0.0	0.0	0.0	11.0	<	277.1	937.1	1270.0
7/31/2016	39.4	0.0	0.0	0.0	11.1	<	278.1	940.1	1269.6
8/31/2016	38.1	0.0	0.0	<	11.0	<	278.6	942.1	1271.5
9/30/2016	37.2	0.0	0.0	<	11.0	<	279.0	942.5	1271.6
10/31/2016	44.0	0.0	0.0	<	11.0	<	279.7	943.4	1280.3
11/30/2016	47.9	0.0	0.0	<	11.0	<	278.5	943.1	1283.4
12/31/2016	46.5	0.0	0.0	<	11.0	<	276.7	945.0	1282.1
1/31/2017	47.7	0.0	0.0	<	11.0	<	276.0	946.3	1283.9
2/28/2017	48.8	0.0	0.0	<	<	<	275.2	945.5	1282.6
3/31/2017	49.3	0.0	0.0	<	<	<	271.7	943.9	1278.0
4/30/2017	44.9	0.0	0.0	<	<	<	274.7	946.4	1278.9
5/31/2017	45.4	0.0	0.0	<	<	<	278.5	948.3	1285.3
6/30/2017	44.0	0.0	0.0	<	<	<	281.9	946.8	1285.7
7/31/2017	48.2	0.0	0.0	<	<	<	280.0	948.9	1290.1
8/31/2017	49.1	0.0	0.0	<	<	<	278.9	949.0	1289.9
9/30/2017	47.7	0.0	0.0	<	<	<	278.0	947.4	1286.2
10/31/2017	47.8	0.0	0.0	<	<	<	277.6	946.8	1285.2
11/30/2017	47.9	0.0	0.0	<	<	<	276.4	945.2	1282.6
12/31/2017	48.6	0.0	0.0	<	<	<	282.2	946.5	1290.2
1/31/2018	48.7	0.0	0.0	<	<	<	295.6	945.6	1301.9
2/28/2018	49.1	0.0	0.0	<	<	<	303.9	946.5	1311.6
3/31/2018	47.7	0.0	0.0	<	<	<	306.2	944.9	1310.8
4/30/2018	47.9	0.0	0.0	<	<	<	308.4	945.6	1314.0
5/31/2018	48.7	0.0	0.0	<	<	<	310.0	950.8	1321.5
6/30/2018	48.6	0.0	0.0	<	<	<	310.0	950.4	1321.0
7/31/2018	47.6	0.0	0.0	<	<	<	308.6	952.7	1320.9
8/31/2018	48.7	0.0	0.0	<	<	<	308.0	955.2	1323.9
9/30/2018	47.8	0.0	0.0	<	<	<	316.4	955.2	1331.5
10/31/2018	49.2	0.0	0.0	<	<	<	324.6	954.7	1340.4
11/30/2018	48.3	0.0	0.0	<	<	<	328.5	955.7	1344.7
12/31/2018	46.9	0.0	0.0	<	11.0	<	344.0	958.3	1363.1
1/31/2019	48.4	0.0	0.0	<	11.0	<	357.3	958.2	1377.8
2/28/2019	47.3	0.0	0.0	<	11.0	<	368.1	957.5	1387.0
3/31/2019	48.6	0.0	0.0	<	11.4	<	378.2	959.9	1401.1
4/30/2019	48.6	0.0	0.0	<	11.5	<	383.3	962.5	1408.8
5/31/2019	46.5	0.0	0.0	<	11.0	<	383.8	963.9	1408.1
6/30/2019	38.8	0.0	0.0	<	11.0	<	381.7	963.1	1397.6
7/31/2019	35.0	0.0	0.0	<	11.0	<	380.0	958.7	1387.7



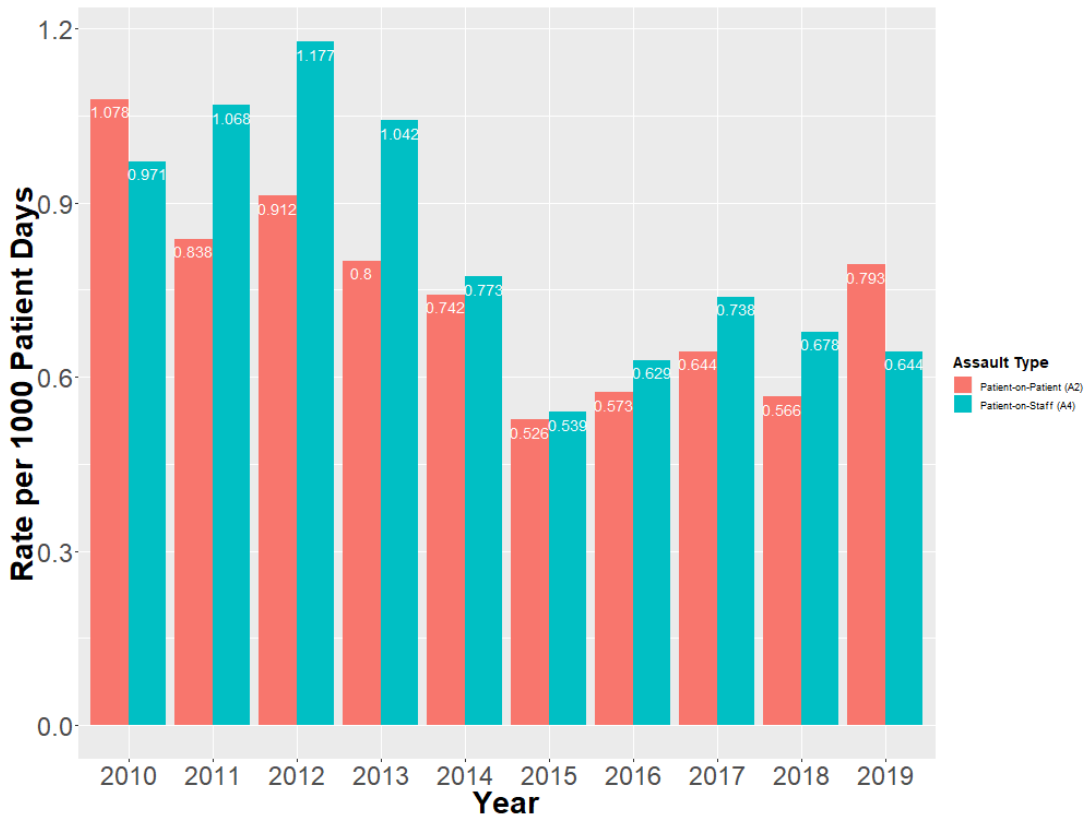
Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
8/31/2019	41.1	0.0	0.0	<11	11.0	<11	379.0	958.0	1392.2
9/30/2019	45.0	0.0	0.0	<11	11.0	<11	377.2	956.6	1392.8
10/31/2019	43.3	0.0	0.0	<11	11.0	<11	382.3	957.4	1396.9
11/30/2019	45.2	0.0	0.0	<11	11.0	<11	381.9	954.6	1395.7
12/31/2019	49.2	0.0	0.0	<11	<11	<11	377.5	955.3	1395.2

As can be seen, there were no DJJ or IST patients at DSH-Coalinga during this time. Additionally, the numbers of LPS's, MDSO's and NGI'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 B.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Coalinga**



- While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults increased 47.4% from the 2018 total (see Table IV.B.1), while the number of patient on staff assaults remained unchanged from 2018 (see Table IV.B.2).
- Coupled with a population increase (measured in “total patient days”) in 2019 of 5.2%, the rate of patient on patient assault increased 40.1% from 2018 (see Table IV.B.1), while the rate of patient on staff assault decreased 5.0% from 2018 (see Table IV.B.2).

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

**Table B.2**  
**DSH-Coalinga Yearly A2 Patient on Patient Assault Summary**

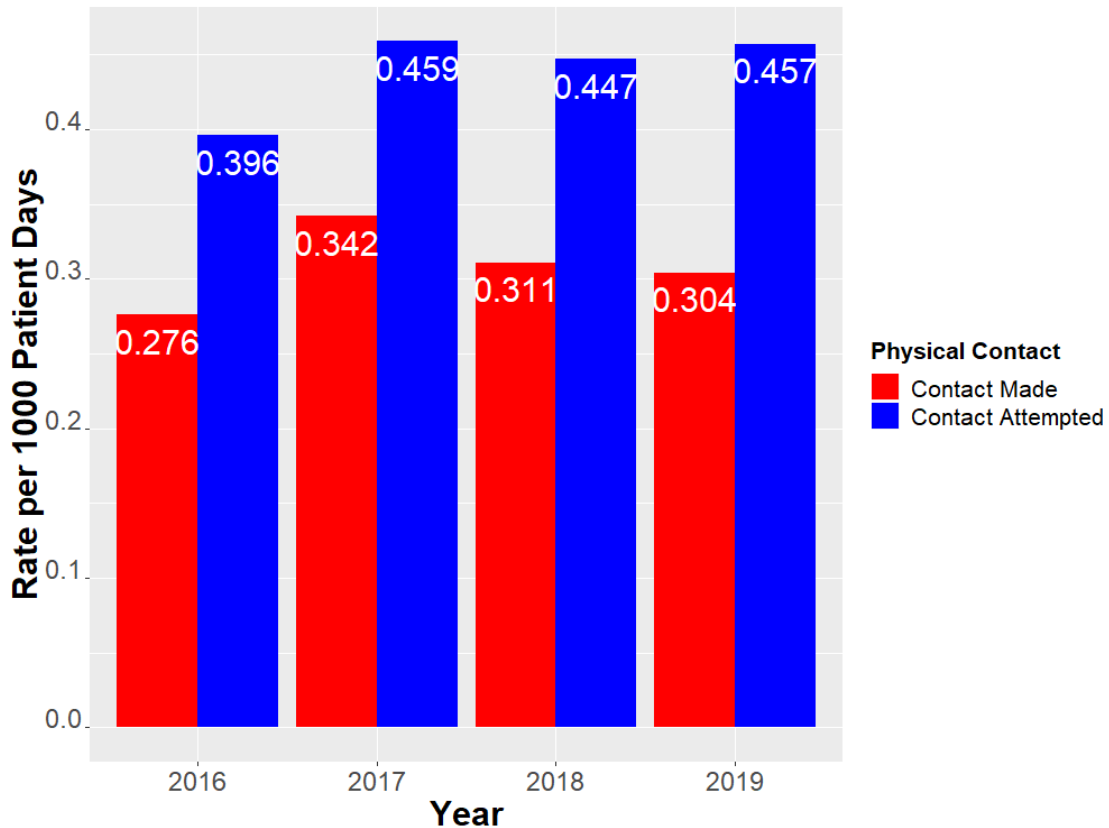
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	375	347927	1.078	NA
2011	295	352043	0.838	-22.3
2012	345	378122	0.912	8.8
2013	318	397491	0.8	-12.3
2014	313	421876	0.742	-7.2
2015	233	443186	0.526	-29.1
2016	267	465622	0.573	8.9
2017	302	468994	0.644	12.4
2018	274	483820	0.566	-12.1
2019	404	509211	0.793	40.1

**Table B.3**  
**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	338	347927	0.971	NA
2011	376	352043	1.068	10
2012	445	378122	1.177	10.2
2013	414	397491	1.042	-11.5
2014	326	421876	0.773	-25.8
2015	239	443186	0.539	-30.3
2016	293	465622	0.629	16.7
2017	346	468994	0.738	17.3
2018	328	483820	0.678	-8.1
2019	328	509211	0.644	-5.0

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure B.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Coalinga**



**Table B.4**  
**DSH – Coalinga Staff Assaults – Physical Contact Made and Contact Attempted**

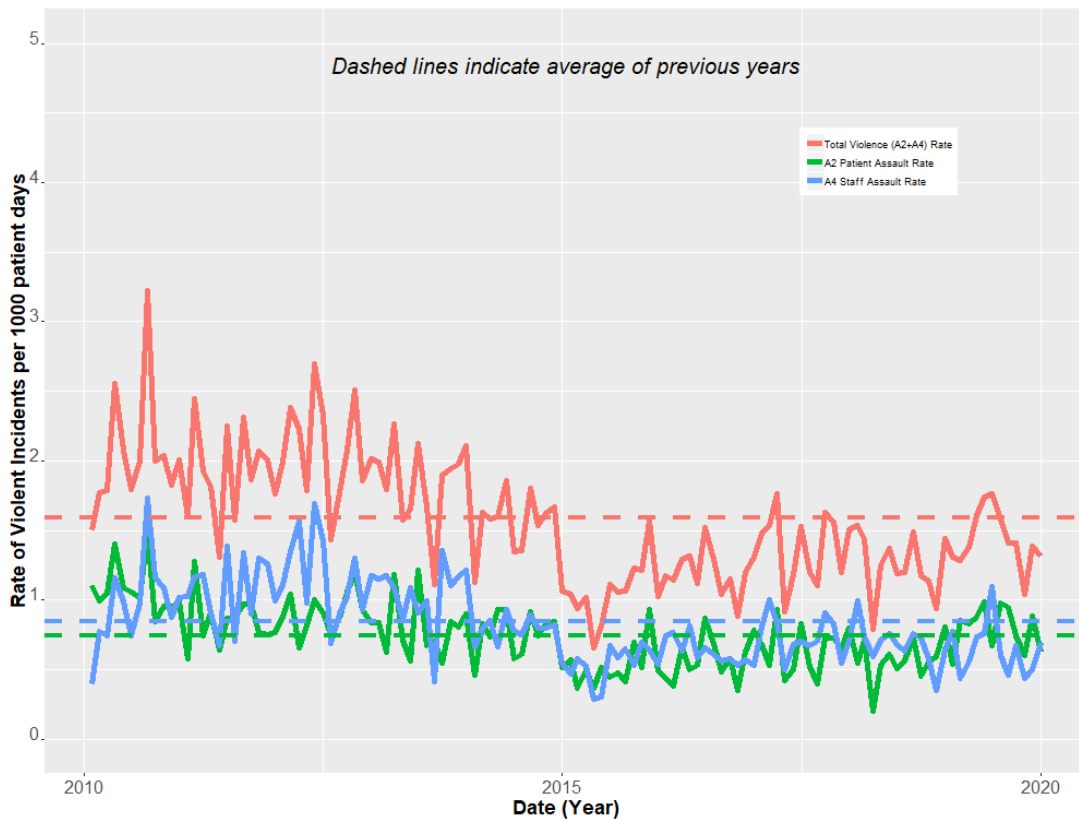
Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	118	427041	0.276	NA
2016	Contact Attempted	169	427041	0.396	NA
2017	Contact Made	147	429536	0.342	23.9
2017	Contact Attempted	197	429536	0.459	15.9
2018	Contact Made	132	424745	0.311	-9.2
2018	Contact Attempted	190	424745	0.447	-2.5
2019	Contact Made	127	417873	0.304	-2.2
2019	Contact Attempted	191	417873	0.457	2.2

As seen in the table and graph above, the category “Physical Contact Made” decreased 2.2%, while category of “Physical Contact Attempted” saw an increase of 2.2%.

## Monthly Rates

The previous barplot (Fig. B.1) showed the violence rates as an overall yearly average and did not show the monthly variability in the rates that occurs regularly. Two figures are shown below, the first being a plot of the violence rates on a monthly basis (Fig. B.3), and the second (Fig. B.4) 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). See [Appendix H](#) for more details of this method.

**Figure B.3**  
**DSH-Coalinga Monthly Rates of Violence per 1000 Patient Days**



## Trend of Monthly Rates

**Figure B.4**  
**DSH-Coalinga Trends of Monthly Rates of Violence per 1000 Patient Days**

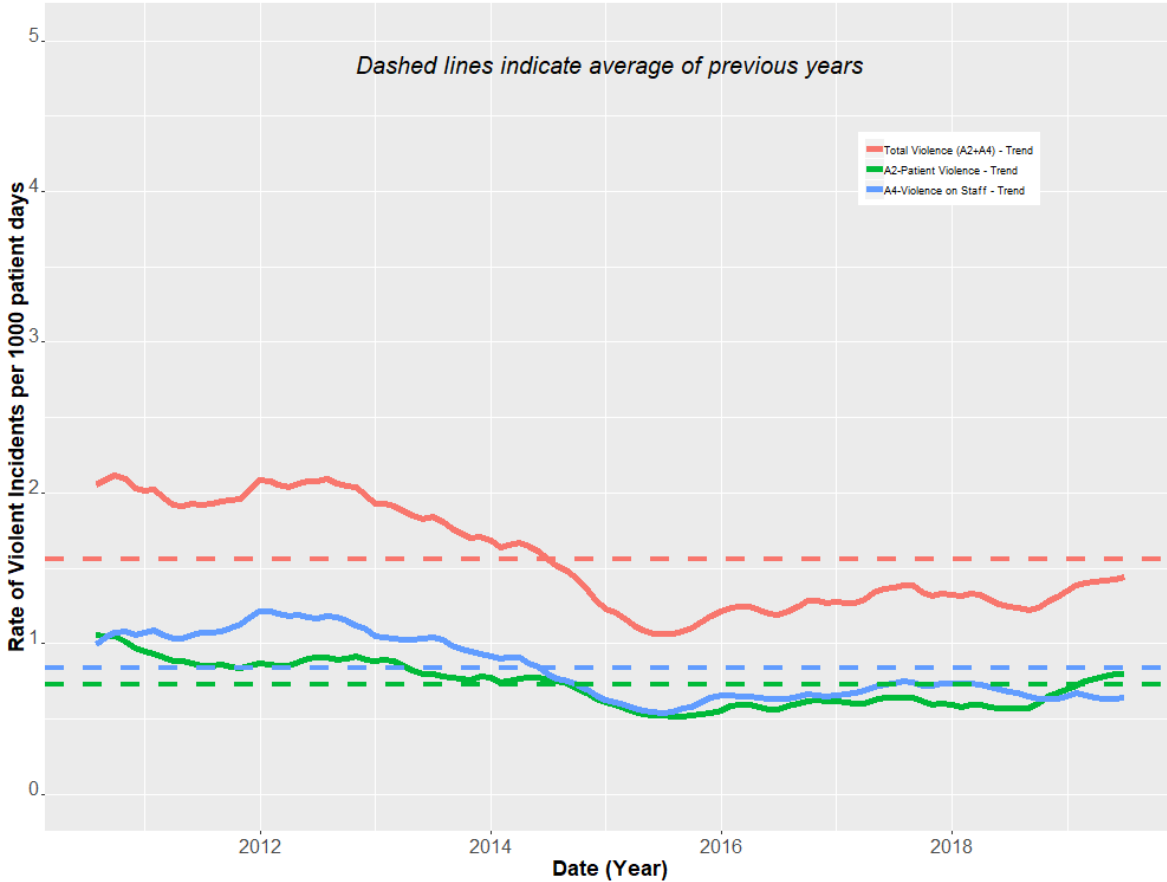


Figure B.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Coalinga. The dashed lines indicate the previous years (2010-2018) average rate for each category, for comparison with 2019. Again, for more details on the methodology of trending the monthly rates data, please refer to [Appendix H](#).

Table B.5 provides a yearly summary of the year-over-year changes in the assault rates.

**Table B.5**  
**DSH-Coalinga Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	1.101	0.400	1.502
2/28/2010	0.995	0.774	1.769
3/31/2010	1.045	0.741	1.786
4/30/2010	1.401	1.155	2.556
5/31/2010	1.089	0.987	2.077
6/30/2010	1.056	0.739	1.795
7/31/2010	1.015	0.981	1.996
8/31/2010	1.492	1.729	3.221
9/30/2010	0.842	1.158	1.999
10/31/2010	0.952	1.088	2.040
11/30/2010	0.950	0.879	1.829
12/31/2010	0.986	1.021	2.007
1/31/2011	0.579	1.022	1.602
2/28/2011	1.279	1.166	2.445
3/31/2011	0.745	1.185	1.929
4/30/2011	0.907	0.907	1.815
5/31/2011	0.638	0.672	1.310
6/30/2011	0.865	1.384	2.249
7/31/2011	0.870	0.703	1.573
8/31/2011	0.972	1.340	2.312
9/30/2011	0.966	0.897	1.863
10/31/2011	0.768	1.302	2.070
11/30/2011	0.749	1.259	2.008
12/31/2011	0.769	0.994	1.763
1/31/2012	0.886	1.108	1.994
2/29/2012	1.042	1.344	2.386
3/31/2012	0.659	1.569	2.228
4/30/2012	0.813	0.975	1.788
5/31/2012	1.004	1.695	2.699
6/30/2012	0.907	1.425	2.332
7/31/2012	0.749	0.687	1.436
8/31/2012	0.869	0.900	1.769
9/30/2012	1.054	1.022	2.077
10/31/2012	1.208	1.301	2.508
11/30/2012	0.927	0.927	1.854
12/31/2012	0.836	1.177	2.013
1/31/2013	0.840	1.151	1.991
2/28/2013	0.621	1.172	1.793
3/31/2013	1.178	1.088	2.266



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
4/30/2013	0.709	0.863	1.573
5/31/2013	0.560	1.091	1.651
6/30/2013	1.214	0.911	2.125
7/31/2013	0.675	0.997	1.672
8/31/2013	0.702	0.410	1.112
9/30/2013	0.542	1.356	1.898
10/31/2013	0.841	1.103	1.944
11/30/2013	0.808	1.167	1.975
12/31/2013	0.896	1.214	2.110
1/31/2014	0.462	0.664	1.127
2/28/2014	0.830	0.798	1.627
3/31/2014	0.735	0.848	1.584
4/30/2014	0.928	0.667	1.595
5/31/2014	0.927	0.927	1.854
6/30/2014	0.574	0.775	1.349
7/31/2014	0.610	0.748	1.358
8/31/2014	0.916	0.888	1.804
9/30/2014	0.740	0.797	1.538
10/31/2014	0.825	0.798	1.623
11/30/2014	0.848	0.819	1.667
12/31/2014	0.518	0.545	1.063
1/31/2015	0.573	0.464	1.037
2/28/2015	0.363	0.575	0.939
3/31/2015	0.495	0.522	1.017
4/30/2015	0.369	0.284	0.653
5/31/2015	0.517	0.299	0.817
6/30/2015	0.446	0.669	1.115
7/31/2015	0.477	0.583	1.060
8/31/2015	0.414	0.647	1.061
9/30/2015	0.693	0.533	1.226
10/31/2015	0.515	0.695	1.211
11/30/2015	0.931	0.638	1.569
12/31/2015	0.488	0.539	1.027
1/31/2016	0.435	0.742	1.177
2/29/2016	0.381	0.763	1.144
3/31/2016	0.660	0.635	1.296
4/30/2016	0.498	0.813	1.312
5/31/2016	0.533	0.584	1.117
6/30/2016	0.866	0.656	1.522
7/31/2016	0.686	0.610	1.296
8/31/2016	0.482	0.558	1.040
9/30/2016	0.577	0.577	1.153

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
10/31/2016	0.353	0.529	0.882
11/30/2016	0.623	0.571	1.195
12/31/2016	0.780	0.528	1.308
1/31/2017	0.678	0.804	1.482
2/28/2017	0.529	1.002	1.531
3/31/2017	0.934	0.833	1.767
4/30/2017	0.417	0.495	0.912
5/31/2017	0.502	0.678	1.180
6/30/2017	0.830	0.700	1.530
7/31/2017	0.525	0.675	1.200
8/31/2017	0.400	0.700	1.100
9/30/2017	0.726	0.907	1.633
10/31/2017	0.728	0.828	1.556
11/30/2017	0.650	0.546	1.196
12/31/2017	0.800	0.700	1.500
1/31/2018	0.545	0.991	1.536
2/28/2018	0.708	0.735	1.443
3/31/2018	0.197	0.591	0.787
4/30/2018	0.533	0.710	1.243
5/31/2018	0.610	0.757	1.367
6/30/2018	0.505	0.681	1.186
7/31/2018	0.562	0.635	1.197
8/31/2018	0.731	0.755	1.486
9/30/2018	0.451	0.726	1.177
10/31/2018	0.554	0.578	1.131
11/30/2018	0.595	0.347	0.942
12/31/2018	0.805	0.639	1.444
1/31/2019	0.538	0.773	1.311
2/28/2019	0.850	0.438	1.287
3/31/2019	0.829	0.553	1.381
4/30/2019	0.875	0.733	1.609
5/31/2019	0.985	0.756	1.741
6/30/2019	0.668	1.097	1.765
7/31/2019	0.976	0.604	1.581
8/31/2019	0.950	0.463	1.413
9/30/2019	0.742	0.670	1.412
10/31/2019	0.600	0.439	1.039
11/30/2019	0.884	0.502	1.385
12/31/2019	0.624	0.694	1.318

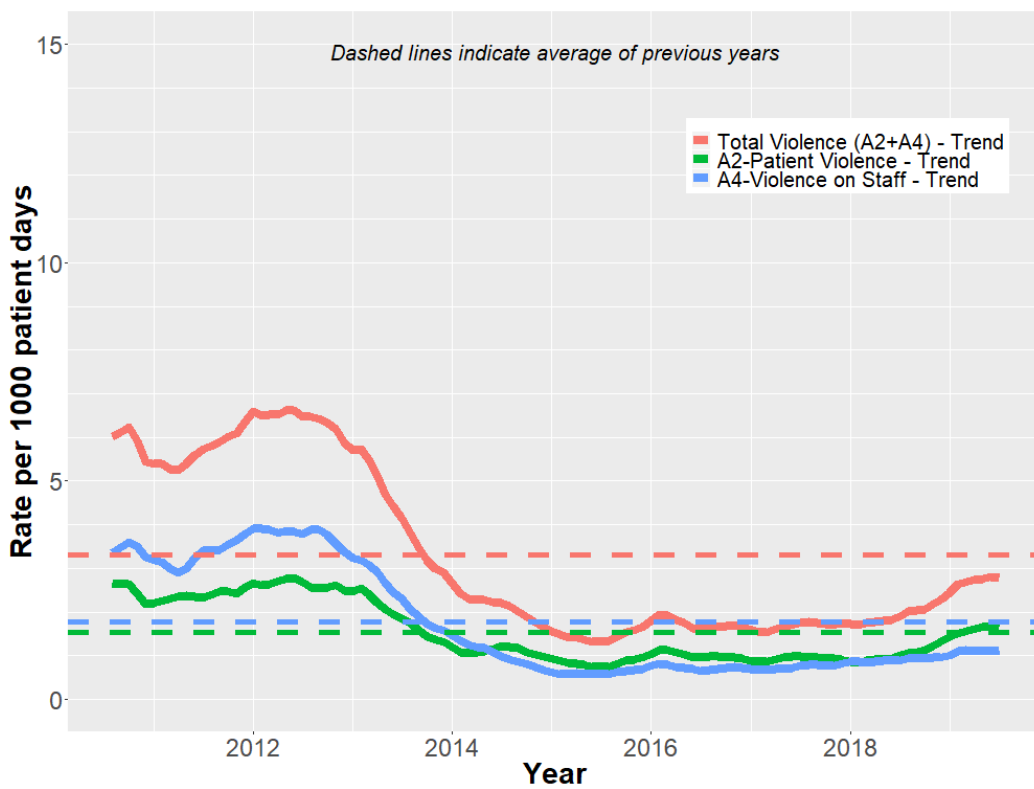
## Violence Rates by Major Legal Classes

### DSH-Coalinga OMD'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.

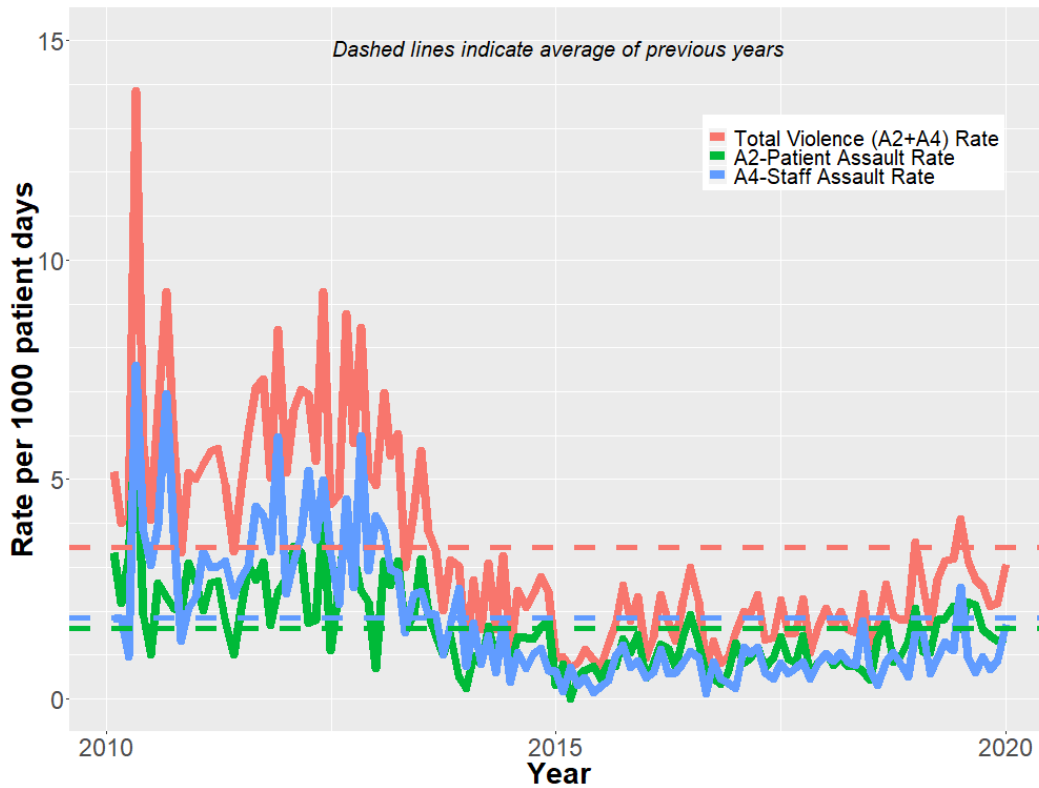
**Figure B.5**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Coalinga**



### 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 B.6**  
**Monthly Rates of Violence for OMD's at DSH-Coalinga**



**Table B.6**  
**DSH-Coalinga OMD Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	3.327	1.848	5.176
2/28/2010	2.185	1.821	4.006
3/31/2010	3.194	0.958	4.152
4/30/2010	6.271	7.591	13.861
5/31/2010	1.922	3.844	5.766
6/30/2010	1.017	3.051	4.068
7/31/2010	2.633	3.950	6.583
8/31/2010	2.321	6.963	9.284
9/30/2010	2.062	3.780	5.842
10/31/2010	1.995	1.330	3.326
11/30/2010	3.093	2.062	5.155
12/31/2010	2.670	2.336	5.007
1/31/2011	2.009	3.349	5.358
2/28/2011	2.631	3.006	5.637
3/31/2011	2.688	3.024	5.712
4/30/2011	1.742	3.135	4.876
5/31/2011	1.009	2.355	3.365
6/30/2011	2.070	2.761	4.831
7/31/2011	3.050	3.050	6.100
8/31/2011	2.704	4.393	7.097
9/30/2011	3.125	4.167	7.292
10/31/2011	1.680	3.360	5.040
11/30/2011	2.457	5.967	8.424
12/31/2011	2.750	2.406	5.156
1/31/2012	3.475	3.127	6.602
2/29/2012	3.337	3.708	7.045
3/31/2012	1.734	5.203	6.937
4/30/2012	1.809	3.618	5.427
5/31/2012	4.281	4.995	9.276
6/30/2012	1.107	3.322	4.430
7/31/2012	2.509	2.151	4.659
8/31/2012	4.208	4.558	8.766
9/30/2012	3.274	2.546	5.820
10/31/2012	2.467	5.992	8.460
11/30/2012	2.200	2.934	5.134
12/31/2012	0.696	4.178	4.875
1/31/2013	3.142	3.841	6.983
2/28/2013	2.589	2.959	5.547

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	3.150	2.888	6.038
4/30/2013	1.504	1.504	3.008
5/31/2013	1.898	2.372	4.269
6/30/2013	3.192	2.455	5.647
7/31/2013	1.912	1.912	3.823
8/31/2013	1.446	1.929	3.375
9/30/2013	1.007	1.007	2.015
10/31/2013	1.463	1.707	3.170
11/30/2013	0.505	2.525	3.030
12/31/2013	0.244	0.733	0.978
1/31/2014	0.986	1.725	2.711
2/28/2014	0.793	0.793	1.586
3/31/2014	1.648	1.442	3.090
4/30/2014	0.994	0.596	1.590
5/31/2014	1.537	1.729	3.266
6/30/2014	0.750	0.375	1.126
7/31/2014	1.415	1.061	2.476
8/31/2014	1.397	0.699	2.096
9/30/2014	1.376	1.032	2.408
10/31/2014	1.637	1.146	2.783
11/30/2014	1.785	0.649	2.435
12/31/2014	0.313	0.626	0.938
1/31/2015	0.793	0.159	0.952
2/28/2015	0.000	0.709	0.709
3/31/2015	0.486	0.324	0.810
4/30/2015	0.651	0.488	1.140
5/31/2015	0.747	0.149	0.896
6/30/2015	0.451	0.301	0.752
7/31/2015	0.826	0.413	1.239
8/31/2015	0.733	0.977	1.710
9/30/2015	1.358	1.234	2.592
10/31/2015	1.067	0.711	1.778
11/30/2015	1.466	0.855	2.321
12/31/2015	0.472	0.472	0.944
1/31/2016	0.826	0.590	1.417
2/29/2016	1.253	1.128	2.382
3/31/2016	1.160	0.580	1.741
4/30/2016	0.725	0.605	1.330
5/31/2016	1.407	0.821	2.228
6/30/2016	1.925	1.083	3.007
7/31/2016	1.276	0.928	2.204

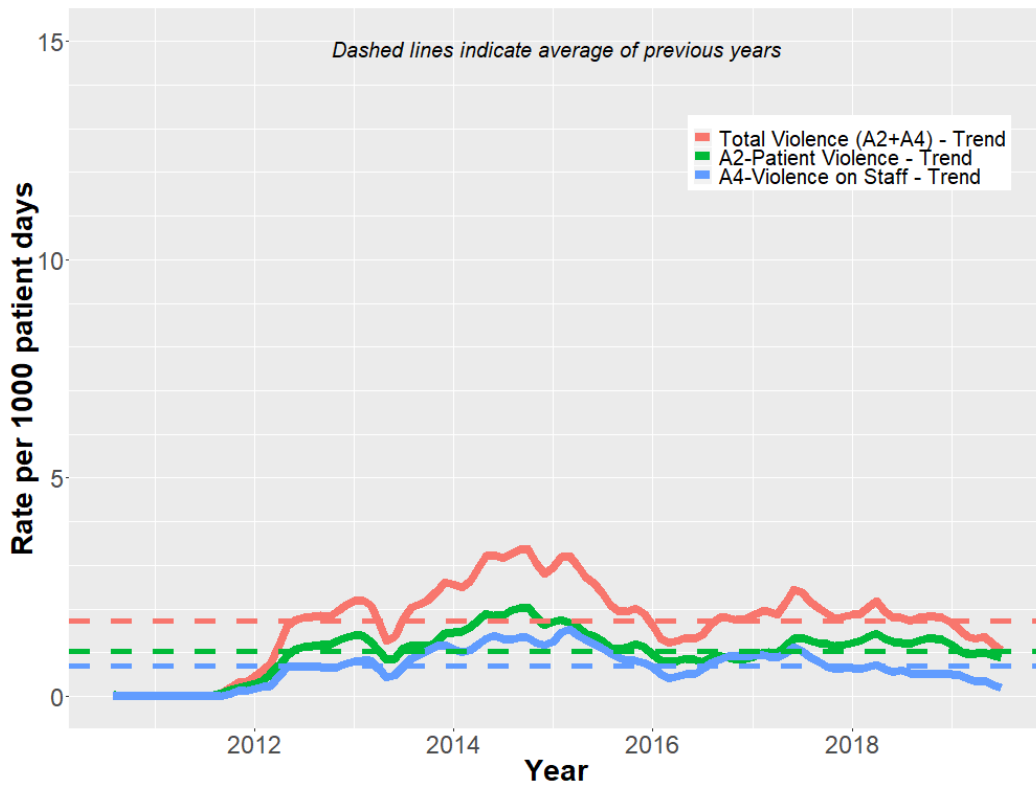
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	0.579	0.116	0.695
9/30/2016	0.478	0.836	1.314
10/31/2016	0.346	0.461	0.807
11/30/2016	0.598	0.359	0.958
12/31/2016	1.283	0.233	1.516
1/31/2017	0.818	1.169	1.987
2/28/2017	0.908	1.038	1.947
3/31/2017	1.187	1.187	2.374
4/30/2017	0.728	0.607	1.335
5/31/2017	0.927	0.463	1.390
6/30/2017	1.419	0.828	2.247
7/31/2017	0.922	0.576	1.498
8/31/2017	0.810	0.694	1.504
9/30/2017	1.439	0.839	2.278
10/31/2017	0.581	0.465	1.046
11/30/2017	0.844	0.844	1.688
12/31/2017	1.029	1.029	2.058
1/31/2018	0.764	0.873	1.637
2/28/2018	0.940	1.058	1.998
3/31/2018	0.738	0.843	1.580
4/30/2018	0.757	0.757	1.513
5/31/2018	0.624	1.769	2.393
6/30/2018	0.430	0.645	1.075
7/31/2018	1.359	0.314	1.672
8/31/2018	1.780	0.838	2.618
9/30/2018	0.843	1.054	1.896
10/31/2018	0.994	0.795	1.789
11/30/2018	1.319	0.507	1.827
12/31/2018	2.063	1.500	3.563
1/31/2019	1.083	1.535	2.618
2/28/2019	1.067	0.582	1.649
3/31/2019	1.791	0.938	2.729
4/30/2019	1.826	1.304	3.131
5/31/2019	2.101	1.093	3.194
6/30/2019	1.572	2.533	4.104
7/31/2019	2.207	0.934	3.141
8/31/2019	2.128	0.596	2.723
9/30/2019	1.591	0.972	2.563
10/31/2019	1.435	0.675	2.110
11/30/2019	1.309	0.873	2.182
12/31/2019	1.367	1.709	3.077

## DSH-Coalinga CDCR'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 B.7**  
**Trends of Monthly Rates of Violence for CDCR's at DSH-Coalinga**

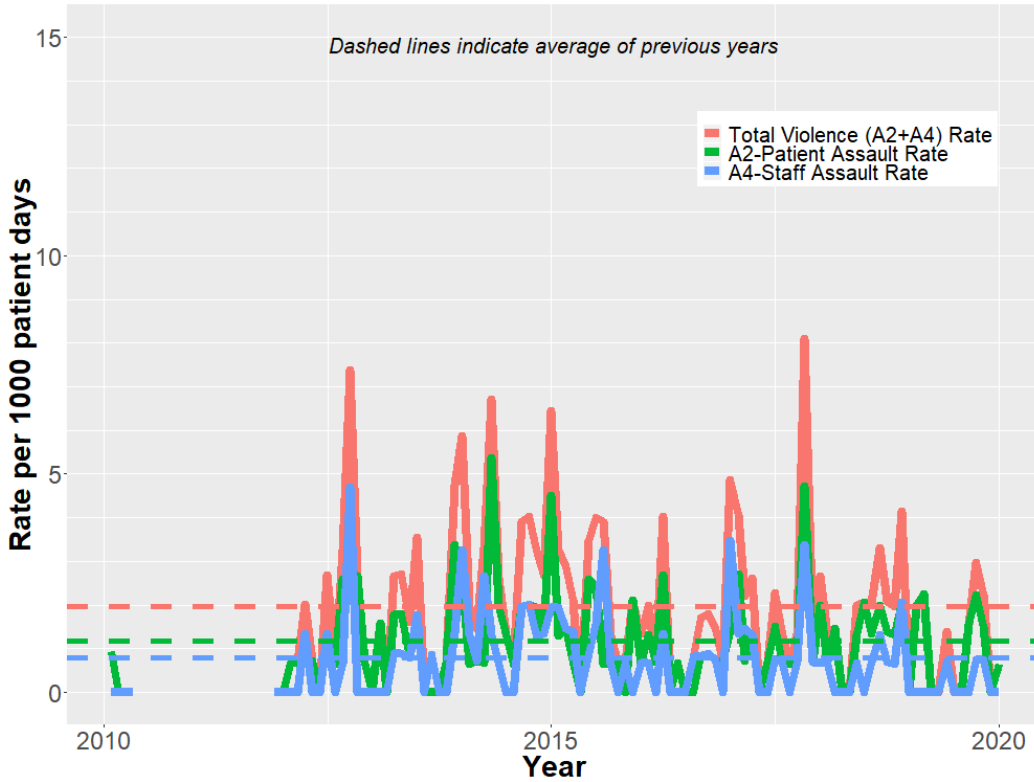




## Monthly Rates Data

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 B.8**  
**Monthly Rates of Violence for CDCR's at DSH-Coalinga**



**Table B.7**  
**DSH-Coalinga CDCR Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	0.943	0.000	0.943
2/28/2010	0.000	0.000	0.000
3/31/2010	0.000	0.000	0.000
4/30/2010	0.000	0.000	0.000
5/31/2010	NA	NA	NA
6/30/2010	NA	NA	NA
7/31/2010	NA	NA	NA
8/31/2010	NA	NA	NA
9/30/2010	NA	NA	NA
10/31/2010	NA	NA	NA
11/30/2010	NA	NA	NA
12/31/2010	NA	NA	NA
1/31/2011	NA	NA	NA
2/28/2011	NA	NA	NA
3/31/2011	NA	NA	NA
4/30/2011	NA	NA	NA
5/31/2011	NA	NA	NA
6/30/2011	NA	NA	NA
7/31/2011	NA	NA	NA
8/31/2011	NA	NA	NA
9/30/2011	NA	NA	NA
10/31/2011	NA	NA	NA
11/30/2011	0.000	0.000	0.000
12/31/2011	0.000	0.000	0.000
1/31/2012	0.653	0.000	0.653
2/29/2012	0.696	0.000	0.696
3/31/2012	0.672	1.343	2.015
4/30/2012	0.730	0.000	0.730
5/31/2012	0.000	0.000	0.000
6/30/2012	1.345	1.345	2.690
7/31/2012	0.655	0.000	0.655
8/31/2012	2.601	0.650	3.251
9/30/2012	2.685	4.698	7.383
10/31/2012	2.670	0.000	2.670
11/30/2012	0.703	0.000	0.703
12/31/2012	0.000	0.000	0.000
1/31/2013	1.581	0.000	1.581
2/28/2013	0.000	0.000	0.000

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	1.781	0.890	2.671
4/30/2013	1.800	0.900	2.700
5/31/2013	0.798	0.798	1.596
6/30/2013	1.773	1.773	3.546
7/31/2013	0.000	0.000	0.000
8/31/2013	0.000	0.858	0.858
9/30/2013	0.000	0.000	0.000
10/31/2013	0.715	0.000	0.715
11/30/2013	3.390	1.356	4.746
12/31/2013	2.606	3.257	5.863
1/31/2014	0.656	1.311	1.967
2/28/2014	0.728	0.728	1.457
3/31/2014	0.663	2.651	3.313
4/30/2014	5.362	1.340	6.702
5/31/2014	1.963	0.654	2.618
6/30/2014	1.340	0.000	1.340
7/31/2014	0.653	0.000	0.653
8/31/2014	1.957	1.957	3.914
9/30/2014	2.012	2.012	4.024
10/31/2014	1.951	1.300	3.251
11/30/2014	1.349	1.349	2.697
12/31/2014	4.516	1.935	6.452
1/31/2015	1.303	1.954	3.257
2/28/2015	1.453	1.453	2.907
3/31/2015	0.701	1.402	2.102
4/30/2015	0.000	0.000	0.000
5/31/2015	2.600	0.867	3.466
6/30/2015	2.408	1.605	4.013
7/31/2015	0.651	3.257	3.909
8/31/2015	0.659	0.659	1.318
9/30/2015	0.696	0.000	0.696
10/31/2015	0.000	0.665	0.665
11/30/2015	2.117	0.000	2.117
12/31/2015	0.675	0.675	1.350
1/31/2016	1.329	0.664	1.993
2/29/2016	0.699	0.000	0.699
3/31/2016	2.685	1.342	4.027
4/30/2016	0.000	0.000	0.000
5/31/2016	0.684	0.000	0.684
6/30/2016	0.000	0.000	0.000
7/31/2016	0.000	0.820	0.820
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
9/30/2016	0.897	0.897	1.794
10/31/2016	0.734	0.734	1.467
11/30/2016	0.696	0.000	0.696
12/31/2016	1.389	3.472	4.861
1/31/2017	2.708	1.354	4.062
2/28/2017	0.732	1.464	2.196
3/31/2017	1.309	1.309	2.618
4/30/2017	0.000	0.000	0.000
5/31/2017	0.710	0.000	0.710
6/30/2017	1.514	0.757	2.271
7/31/2017	0.669	0.669	1.338
8/31/2017	0.657	0.000	0.657
9/30/2017	0.698	0.698	1.397
10/31/2017	4.723	3.374	8.097
11/30/2017	0.696	0.696	1.392
12/31/2017	1.993	0.664	2.658
1/31/2018	0.663	0.663	1.326
2/28/2018	1.453	0.000	1.453
3/31/2018	0.000	0.000	0.000
4/30/2018	0.000	0.000	0.000
5/31/2018	1.325	0.663	1.988
6/30/2018	2.058	0.000	2.058
7/31/2018	1.355	0.678	2.033
8/31/2018	1.987	1.325	3.311
9/30/2018	1.394	0.697	2.091
10/31/2018	1.312	0.656	1.969
11/30/2018	2.070	2.070	4.141
12/31/2018	0.000	0.000	0.000
1/31/2019	2.001	0.000	2.001
2/28/2019	2.264	0.000	2.264
3/31/2019	0.000	0.000	0.000
4/30/2019	0.000	0.000	0.000
5/31/2019	0.694	0.694	1.389
6/30/2019	0.000	0.000	0.000
7/31/2019	0.000	0.000	0.000
8/31/2019	1.569	0.000	1.569
9/30/2019	2.224	0.741	2.965
10/31/2019	1.490	0.745	2.235
11/30/2019	0.000	0.000	0.000
12/31/2019	0.655	0.000	0.655

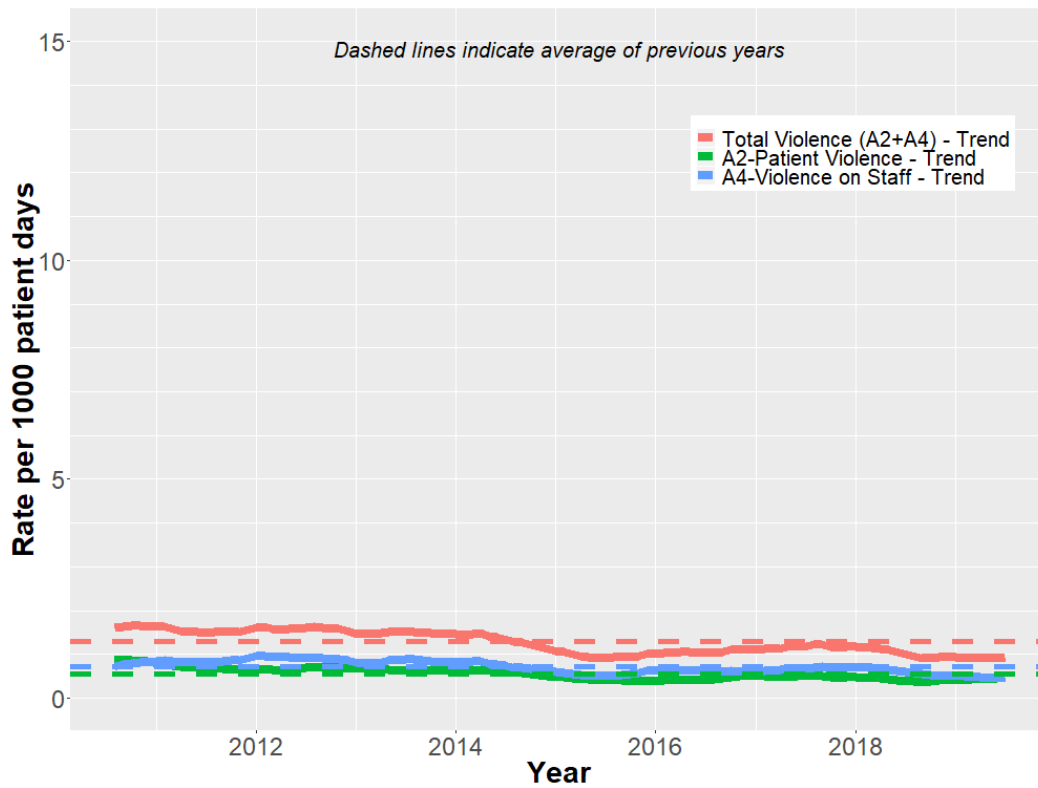
**Note:** entries marked “NA” indicate months in which no CDCR’s were resident at DSH-Coalinga, and thus could not have any violence. This is to distinguish the months where CDCR’s were resident and there was no violence, which are true 0.000 rates.

## 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.

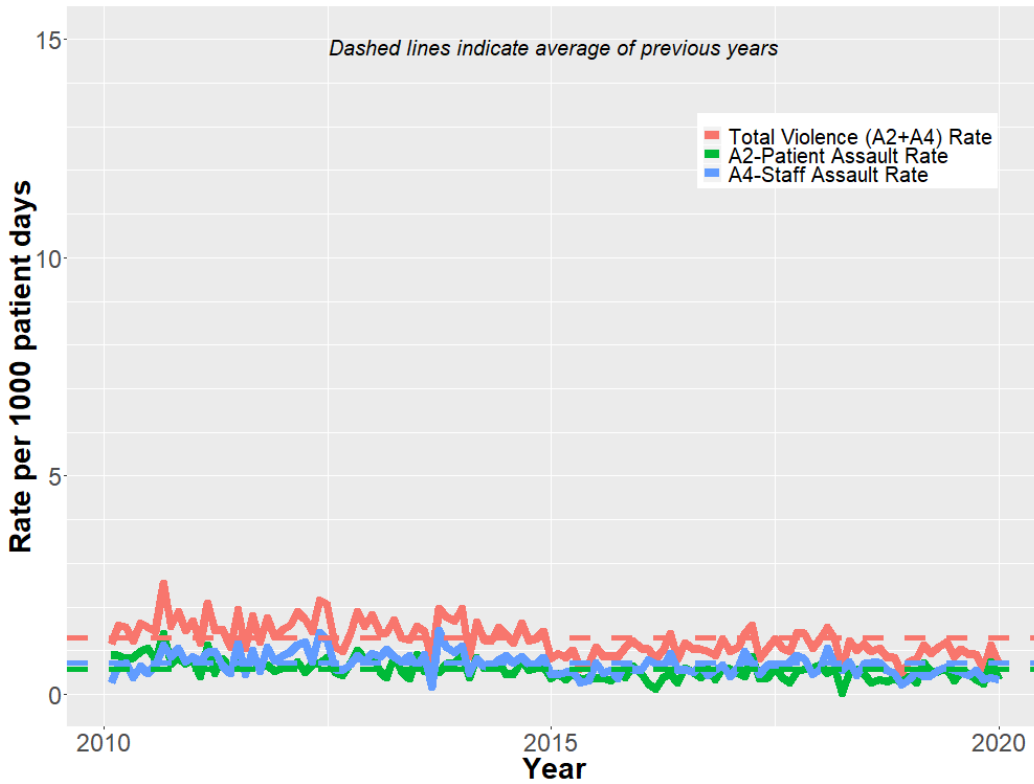
**Figure B.9**  
**Trends of Monthly Rates of Violence for SVP's at DSH-Coalinga**



## 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 B.10**  
**Monthly Rates of Violence for SVP's at DSH-Coalinga**



**Table B.8**  
**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
1/31/2010	0.879	0.268	1.147
2/28/2010	0.892	0.680	1.572
3/31/2010	0.805	0.728	1.533
4/30/2010	0.829	0.395	1.224
5/31/2010	0.993	0.649	1.642
6/30/2010	1.063	0.472	1.535
7/31/2010	0.794	0.643	1.437
8/31/2010	1.401	1.136	2.536
9/30/2010	0.705	0.861	1.566
10/31/2010	0.835	1.063	1.898
11/30/2010	0.707	0.746	1.453
12/31/2010	0.797	0.873	1.671
1/31/2011	0.419	0.761	1.180
2/28/2011	1.133	0.965	2.097
3/31/2011	0.491	0.982	1.473
4/30/2011	0.817	0.662	1.479
5/31/2011	0.600	0.487	1.087
6/30/2011	0.734	1.197	1.931
7/31/2011	0.597	0.448	1.045
8/31/2011	0.785	1.009	1.793
9/30/2011	0.655	0.539	1.194
10/31/2011	0.671	1.081	1.752
11/30/2011	0.540	0.771	1.311
12/31/2011	0.595	0.893	1.488
1/31/2012	0.629	0.962	1.591
2/29/2012	0.746	1.138	1.884
3/31/2012	0.512	1.207	1.719
4/30/2012	0.680	0.755	1.435
5/31/2012	0.731	1.425	2.156
6/30/2012	0.829	1.244	2.073
7/31/2012	0.508	0.581	1.089
8/31/2012	0.434	0.542	0.976
9/30/2012	0.706	0.669	1.375
10/31/2012	1.007	0.899	1.906
11/30/2012	0.815	0.741	1.557
12/31/2012	0.897	0.933	1.830
1/31/2013	0.538	0.861	1.399
2/28/2013	0.396	1.030	1.426



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	0.857	0.857	1.714
4/30/2013	0.552	0.736	1.288
5/31/2013	0.353	0.883	1.237
6/30/2013	0.906	0.652	1.559
7/31/2013	0.524	0.908	1.432
8/31/2013	0.627	0.174	0.801
9/30/2013	0.502	1.471	1.973
10/31/2013	0.694	1.076	1.770
11/30/2013	0.718	0.970	1.688
12/31/2013	0.868	1.111	1.978
1/31/2014	0.381	0.485	0.866
2/28/2014	0.845	0.806	1.651
3/31/2014	0.589	0.659	1.248
4/30/2014	0.611	0.611	1.223
5/31/2014	0.731	0.801	1.533
6/30/2014	0.467	0.897	1.364
7/31/2014	0.452	0.731	1.183
8/31/2014	0.769	0.874	1.643
9/30/2014	0.542	0.687	1.229
10/31/2014	0.596	0.666	1.261
11/30/2014	0.616	0.833	1.449
12/31/2014	0.350	0.455	0.805
1/31/2015	0.489	0.454	0.942
2/28/2015	0.348	0.503	0.851
3/31/2015	0.489	0.524	1.013
4/30/2015	0.326	0.253	0.579
5/31/2015	0.385	0.315	0.700
6/30/2015	0.361	0.722	1.083
7/31/2015	0.384	0.489	0.873
8/31/2015	0.314	0.559	0.873
9/30/2015	0.506	0.361	0.867
10/31/2015	0.385	0.701	1.086
11/30/2015	0.651	0.579	1.230
12/31/2015	0.489	0.559	1.048
1/31/2016	0.244	0.800	1.044
2/29/2016	0.111	0.705	0.816
3/31/2016	0.381	0.623	1.004
4/30/2016	0.463	0.927	1.390
5/31/2016	0.276	0.551	0.827
6/30/2016	0.605	0.569	1.174
7/31/2016	0.515	0.515	1.029
8/31/2016	0.377	0.651	1.027

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
9/30/2016	0.566	0.424	0.990
10/31/2016	0.342	0.547	0.889
11/30/2016	0.601	0.672	1.272
12/31/2016	0.580	0.410	0.990
1/31/2017	0.477	0.614	1.091
2/28/2017	0.415	0.982	1.398
3/31/2017	0.854	0.718	1.572
4/30/2017	0.352	0.458	0.810
5/31/2017	0.374	0.680	1.054
6/30/2017	0.599	0.669	1.267
7/31/2017	0.374	0.680	1.054
8/31/2017	0.272	0.714	0.986
9/30/2017	0.528	0.880	1.407
10/31/2017	0.579	0.818	1.397
11/30/2017	0.599	0.458	1.058
12/31/2017	0.682	0.579	1.261
1/31/2018	0.478	1.058	1.535
2/28/2018	0.604	0.679	1.283
3/31/2018	0.034	0.546	0.580
4/30/2018	0.493	0.740	1.234
5/31/2018	0.577	0.441	1.018
6/30/2018	0.456	0.701	1.157
7/31/2018	0.271	0.711	0.982
8/31/2018	0.338	0.709	1.047
9/30/2018	0.279	0.558	0.837
10/31/2018	0.372	0.473	0.845
11/30/2018	0.279	0.209	0.488
12/31/2018	0.404	0.337	0.741
1/31/2019	0.269	0.539	0.808
2/28/2019	0.709	0.410	1.119
3/31/2019	0.504	0.437	0.941
4/30/2019	0.519	0.554	1.074
5/31/2019	0.569	0.636	1.205
6/30/2019	0.312	0.554	0.865
7/31/2019	0.538	0.505	1.043
8/31/2019	0.471	0.438	0.909
9/30/2019	0.348	0.558	0.906
10/31/2019	0.236	0.337	0.573
11/30/2019	0.733	0.384	1.117
12/31/2019	0.338	0.338	0.675

## Appendix C: 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 2010-2019, 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, OMD'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 C.1**  
**DSH-Metropolitan Monthly ADC, By Legal Commitment**

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2010	0.0	13.8	276.5	217.9	0.0	125.0	38.0	0.0	671.2
2/28/2010	0.0	14.7	273.7	216.8	0.0	125.5	38.0	0.0	668.6
3/31/2010	0.0	14.6	276.3	222.5	0.0	123.0	38.4	0.0	674.9
4/30/2010	0.0	16.2	275.2	221.7	0.0	121.9	39.0	0.0	674.0
5/31/2010	0.0	14.7	273.8	207.7	0.0	122.8	39.0	0.0	657.9
6/30/2010	0.0	11.3	268.7	198.9	0.0	122.0	38.5	0.0	639.4
7/31/2010	0.0	14.3	269.5	195.6	0.0	123.5	38.9	0.0	641.9
8/31/2010	0.0	11.0	268.1	196.2	0.0	123.9	38.3	0.0	637.5
9/30/2010	0.0	<	261.0	198.3	0.0	124.3	37.5	0.0	628.9
10/31/2010	0.0	<	256.2	195.9	0.0	122.4	34.6	0.0	617.6
11/30/2010	0.0	<	268.0	192.1	0.0	121.6	32.3	0.0	623.2
12/31/2010	0.0	<	268.0	185.9	0.0	121.8	32.0	0.0	617.7
1/31/2011	0.0	<	267.2	184.9	0.0	120.2	32.3	0.0	613.0
2/28/2011	0.0	<	259.7	186.9	0.0	120.8	33.5	0.0	609.8
3/31/2011	0.0	<	255.0	197.2	0.0	122.0	34.0	0.0	616.3
4/30/2011	0.0	<	251.9	204.6	0.0	121.7	34.0	0.0	619.7
5/31/2011	0.0	<	239.0	206.9	0.0	120.6	33.7	0.0	608.3
6/30/2011	0.0	<	247.4	208.0	0.0	116.2	35.3	0.0	615.6
7/31/2011	0.0	<	246.5	208.6	0.0	112.4	38.0	0.0	612.5
8/31/2011	0.0	<	250.3	206.9	0.0	113.3	38.7	0.0	616.1
9/30/2011	0.0	<	262.4	209.4	0.0	117.0	41.0	0.0	633.6
10/31/2011	0.0	0.0	265.0	209.0	0.0	118.1	40.0	0.0	632.1
11/30/2011	0.0	0.0	266.7	208.3	0.0	116.8	38.3	0.0	630.2
12/31/2011	0.0	0.0	273.5	207.9	0.0	114.3	38.0	0.0	633.8
1/31/2012	0.0	0.0	278.9	209.6	0.0	111.7	39.2	0.0	639.5
2/29/2012	0.0	0.0	278.2	206.4	0.0	111.6	40.0	0.0	636.2
3/31/2012	0.0	0.0	279.4	204.3	0.0	111.9	40.3	0.0	635.8
4/30/2012	0.0	0.0	272.3	206.9	0.0	110.4	40.6	0.0	630.2
5/31/2012	0.0	0.0	277.7	207.9	0.0	108.7	39.5	0.0	633.7
6/30/2012	0.0	0.0	275.6	213.3	0.0	109.4	40.4	0.0	638.7
7/31/2012	0.0	0.0	272.0	220.4	0.0	113.5	41.7	0.0	647.6
8/31/2012	0.0	0.0	271.6	223.3	0.0	114.1	42.0	0.0	651.1
9/30/2012	0.0	0.0	268.7	220.6	0.0	110.8	42.0	0.0	642.1
10/31/2012	0.0	0.0	276.6	222.3	0.0	106.9	42.0	0.0	647.7
11/30/2012	0.0	0.0	285.7	218.0	0.0	103.5	42.0	0.0	649.2

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
12/31/2012	0.0	0.0	288.2	218.6	0.0	101.8	42.0	0.0	650.6
1/31/2013	0.0	0.0	291.3	220.5	0.0	101.7	41.3	0.0	654.8
2/28/2013	0.0	0.0	282.7	218.2	0.0	104.4	41.6	0.0	646.8
3/31/2013	0.0	0.0	282.8	214.6	0.0	106.8	41.7	0.0	645.8
4/30/2013	0.0	0.0	283.6	207.4	0.0	108.3	41.4	0.0	640.7
5/31/2013	0.0	0.0	287.6	199.0	0.0	110.2	41.5	0.0	638.3
6/30/2013	0.0	0.0	285.2	202.3	0.0	108.2	41.0	0.0	636.7
7/31/2013	0.0	0.0	287.6	210.9	0.0	106.7	40.7	0.0	646.0
8/31/2013	0.0	0.0	302.5	218.2	0.0	104.5	39.9	0.0	665.0
9/30/2013	0.0	0.0	300.6	217.8	0.0	103.0	39.3	0.0	660.8
10/31/2013	0.0	0.0	296.9	228.8	0.0	102.9	38.8	0.0	667.4
11/30/2013	0.0	0.0	305.8	232.8	0.0	102.2	39.0	0.0	679.8
12/31/2013	0.0	0.0	307.8	224.6	0.0	102.3	39.0	0.0	673.7
1/31/2014	0.0	0.0	305.2	236.1	0.0	101.9	38.2	0.0	681.3
2/28/2014	0.0	0.0	314.7	245.4	0.0	101.7	38.0	0.0	699.7
3/31/2014	0.0	0.0	302.6	251.7	0.0	103.3	38.0	0.0	695.6
4/30/2014	0.0	0.0	284.5	256.3	0.0	104.0	38.0	0.0	682.8
5/31/2014	0.0	0.0	281.6	261.4	0.0	103.8	38.6	0.0	685.4
6/30/2014	0.0	0.0	287.7	264.7	0.0	104.5	38.9	0.0	695.7
7/31/2014	0.0	0.0	307.1	268.6	0.0	105.1	38.7	0.0	719.5
8/31/2014	0.0	0.0	309.2	275.3	0.0	106.7	37.2	0.0	728.3
9/30/2014	0.0	0.0	298.5	281.5	0.0	108.5	37.6	0.0	726.1
10/31/2014	0.0	0.0	295.7	280.8	0.0	109.7	38.0	0.0	724.2
11/30/2014	0.0	0.0	292.5	285.0	0.0	110.4	39.3	0.0	727.2
12/31/2014	0.0	0.0	290.5	282.1	0.0	111.2	40.0	0.0	723.9
1/31/2015	0.0	0.0	293.9	283.7	0.0	108.8	40.0	0.0	726.4
2/28/2015	0.0	0.0	299.5	283.0	<	106.9	41.5	0.0	731.3
3/31/2015	0.0	<	296.3	282.5	<	106.5	42.0	0.0	729.2
4/30/2015	0.0	<	294.9	283.7	<	106.5	40.6	0.0	727.7
5/31/2015	0.0	<	291.2	282.2	<	103.5	40.0	0.0	718.9
6/30/2015	0.0	<	294.1	284.9	<	102.8	40.3	0.0	724.0
7/31/2015	0.0	<	295.4	278.4	<	104.7	40.0	0.0	720.4
8/31/2015	0.0	<	302.1	280.6	<	103.5	40.0	0.0	727.9
9/30/2015	0.0	0.0	295.6	295.9	<	104.2	39.4	0.0	736.2
10/31/2015	0.0	0.0	296.5	297.7	<	108.0	39.0	0.0	742.2
11/30/2015	0.0	0.0	295.1	306.5	<	109.8	39.9	0.0	752.3
12/31/2015	0.0	0.0	279.4	309.7	<	110.2	40.0	0.0	740.3
1/31/2016	0.0	0.0	276.5	312.5	<	110.7	39.0	0.0	739.6

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
2/29/2016	0.0	0.0	281.8	314.8	<11	114.0	39.0	0.0	750.6
3/31/2016	0.0	0.0	274.6	310.0	<11	116.0	37.3	0.0	738.9
4/30/2016	0.0	0.0	276.1	305.6	<11	115.1	36.5	0.0	734.3
5/31/2016	0.0	0.0	294.7	312.1	<11	111.1	35.1	0.0	753.4
6/30/2016	0.0	0.0	295.4	318.5	0.0	108.6	34.3	0.0	756.8
7/31/2016	0.0	0.0	288.8	318.5	0.0	107.7	36.0	0.0	751.0
8/31/2016	0.0	0.0	287.5	316.1	0.0	107.7	36.5	0.0	747.8
9/30/2016	0.0	0.0	288.5	310.4	0.0	108.9	37.0	0.0	744.8
10/31/2016	0.0	0.0	283.9	308.2	0.0	111.9	37.0	0.0	740.9
11/30/2016	0.0	0.0	287.0	324.9	0.0	112.2	37.0	0.0	761.1
12/31/2016	0.0	0.0	285.1	335.0	0.0	112.4	36.7	0.0	769.2
1/31/2017	0.0	0.0	281.9	344.4	0.0	112.9	36.0	0.0	775.1
2/28/2017	0.0	0.0	276.7	352.5	0.0	111.6	36.1	0.0	776.9
3/31/2017	0.0	0.0	291.4	351.4	0.0	112.6	35.0	0.0	790.3
4/30/2017	0.0	0.0	302.2	350.6	0.0	111.6	35.7	0.0	800.1
5/31/2017	0.0	0.0	297.2	349.7	0.0	109.6	36.9	0.0	793.4
6/30/2017	0.0	0.0	302.1	344.9	0.0	106.5	35.8	0.0	789.3
7/31/2017	0.0	0.0	307.7	354.7	0.0	105.1	34.7	0.0	802.2
8/31/2017	0.0	0.0	310.4	354.5	0.0	104.1	34.0	0.0	803.1
9/30/2017	0.0	0.0	304.5	355.9	0.0	102.3	32.7	0.0	795.3
10/31/2017	0.0	0.0	300.9	361.2	0.0	102.8	32.0	0.0	796.9
11/30/2017	0.0	0.0	310.4	366.4	0.0	106.7	32.1	0.0	815.6
12/31/2017	0.0	0.0	304.6	365.5	0.0	109.0	32.7	0.0	811.9
1/31/2018	0.0	0.0	302.9	371.0	0.0	109.4	32.0	0.0	815.3
2/28/2018	0.0	0.0	294.6	373.4	0.0	107.8	32.0	0.0	807.8
3/31/2018	0.0	0.0	299.4	373.2	0.0	107.8	31.8	0.0	812.2
4/30/2018	0.0	0.0	307.6	368.7	0.0	106.8	33.0	0.0	816.1
5/31/2018	0.0	0.0	303.2	366.8	0.0	106.8	32.3	0.0	809.1
6/30/2018	0.0	0.0	307.6	367.5	0.0	106.2	32.0	0.0	813.3
7/31/2018	0.0	0.0	308.9	364.7	0.0	107.6	32.5	0.0	813.7
8/31/2018	0.0	0.0	306.9	362.8	0.0	109.8	33.0	0.0	812.5
9/30/2018	0.0	0.0	298.8	363.6	0.0	112.2	33.0	0.0	807.5
10/31/2018	0.0	0.0	291.5	362.2	0.0	110.8	31.2	0.0	795.7
11/30/2018	0.0	0.0	302.6	362.2	0.0	110.4	30.1	0.0	805.3
12/31/2018	0.0	0.0	298.5	364.7	0.0	109.6	28.0	0.0	800.8
1/31/2019	0.0	0.0	295.1	367.4	0.0	114.5	28.6	0.0	805.6
2/28/2019	0.0	0.0	301.8	364.5	0.0	116.0	30.7	0.0	813.0
3/31/2019	0.0	0.0	309.2	362.9	0.0	115.0	32.0	0.0	819.1

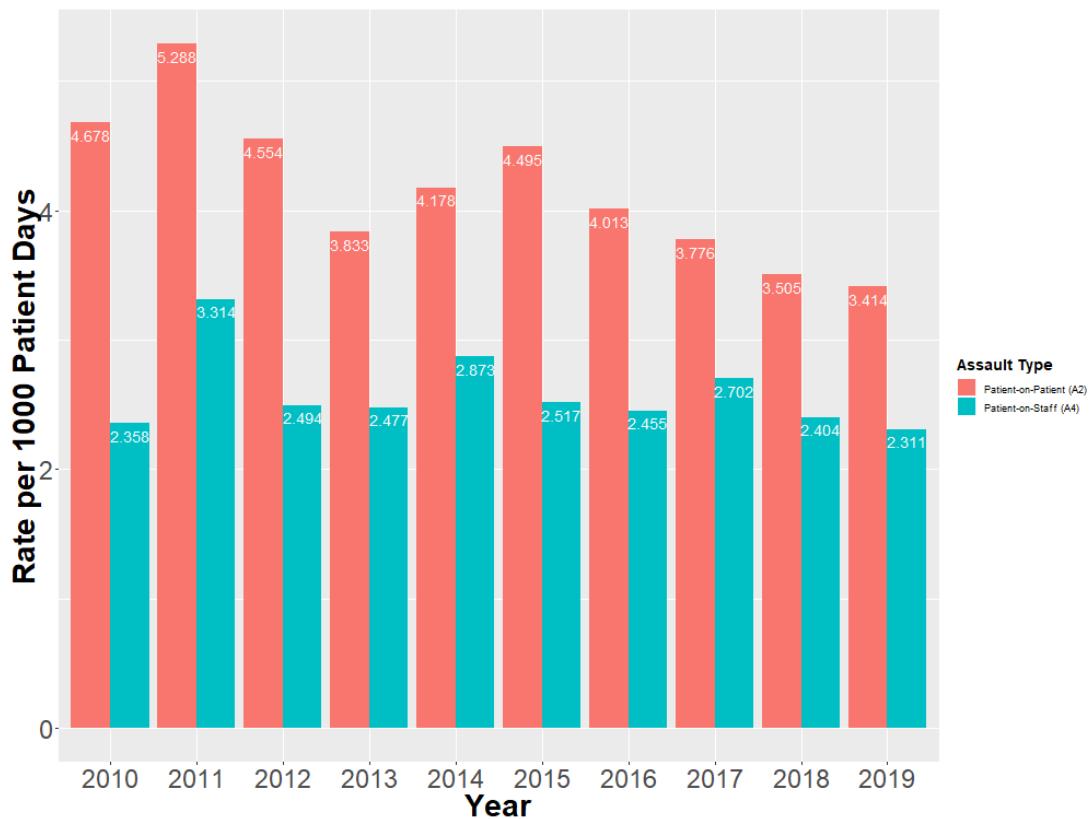
Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
4/30/2019	0.0	0.0	318.6	364.7	0.0	115.0	31.7	0.0	830.0
5/31/2019	0.0	0.0	311.3	358.6	0.0	114.2	30.4	0.0	814.5
6/30/2019	0.0	0.0	296.1	353.0	0.0	112.0	28.1	0.0	789.2
7/31/2019	0.0	0.0	313.3	349.3	0.0	113.2	27.2	0.0	803.0
8/31/2019	0.0	0.0	325.4	344.2	0.0	114.8	27.3	0.0	811.7
9/30/2019	0.0	0.0	323.5	344.8	0.0	115.1	28.4	0.0	811.8
10/31/2019	0.0	0.0	351.6	334.4	0.0	115.0	30.0	0.0	831.0
11/30/2019	0.0	0.0	369.5	336.0	0.0	116.0	30.9	0.0	852.3
12/31/2019	0.0	0.0	362.0	338.8	0.0	118.0	30.4	0.0	849.3

As can be seen, there were no DJJ, CDCR, 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 C.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Metropolitan**



- While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults decreased 1.4% from the 2018 total (see Table IV.C.1), while the number of patient on staff assaults decreased by 2.7% from 2018 (see Table IV.C.2).
- Coupled with a population increase (measured in “total patient days”) in 2019 of 1.2%, the rate of patient on patient assault decreased 2.6% from 2018 (see Table IV.C.1), while the rate of patient on staff assault decreased 3.9% from 2018 (see Table IV.C.2).



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

**Table C.2**  
**DSH-Metropolitan Yearly A2 Patient on Patient Assault Summary**

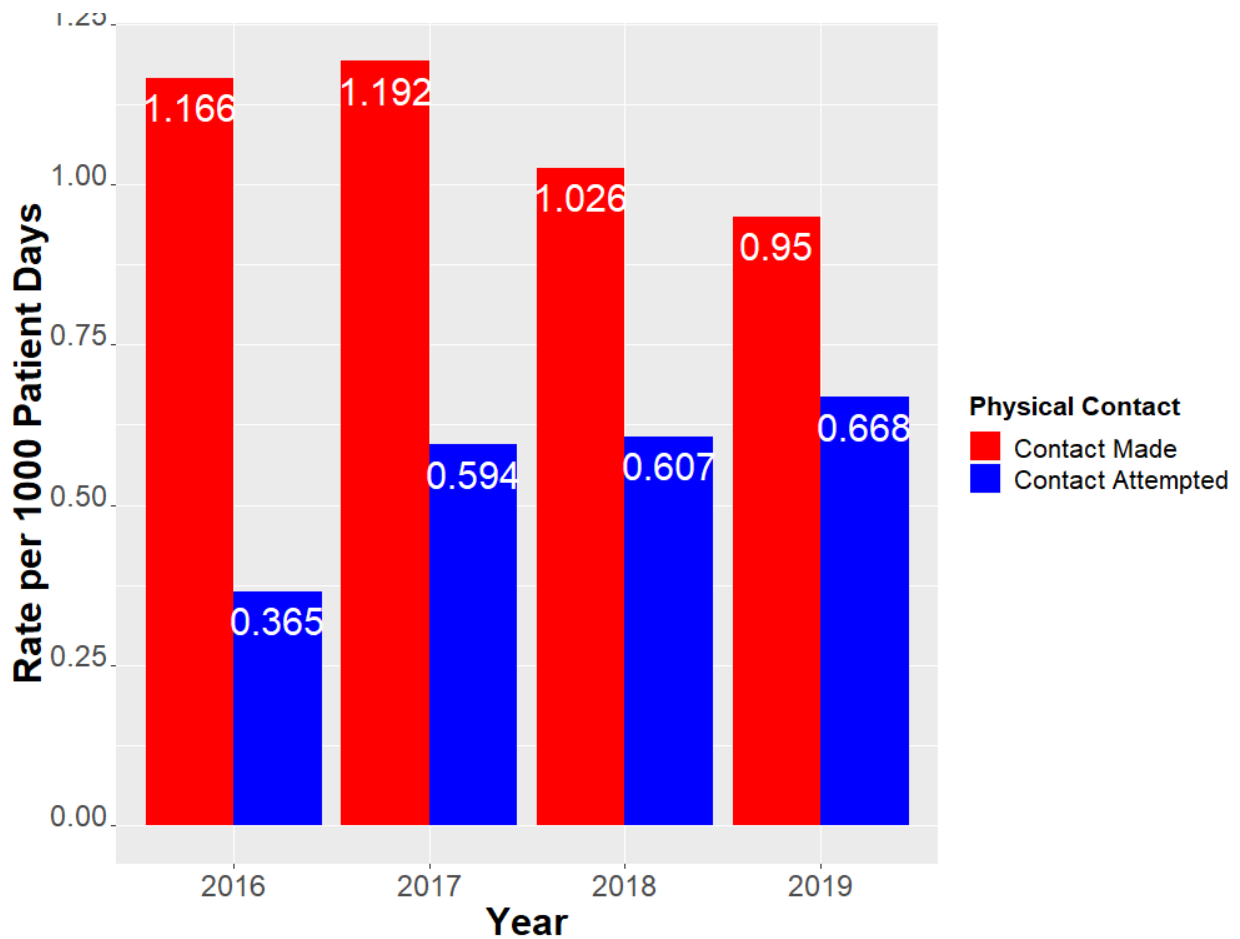
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1103	235766	4.678	NA
2011	1197	226342	5.288	13
2012	1070	234939	4.554	-13.9
2013	916	238968	3.833	-15.8
2014	1079	258248	4.178	9
2015	1200	266946	4.495	7.6
2016	1100	274139	4.013	-10.7
2017	1097	290523	3.776	-5.9
2018	1035	295325	3.505	-7.2
2019	1021	299020	3.414	-2.6

**Table C.3**  
**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	556	235766	2.358	NA
2011	750	226342	3.314	40.5
2012	586	234939	2.494	-24.7
2013	592	238968	2.477	-0.7
2014	742	258248	2.873	16
2015	672	266946	2.517	-12.4
2016	673	274139	2.455	-2.5
2017	785	290523	2.702	10.1
2018	710	295325	2.404	-11
2019	691	299020	2.311	-3.9

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure C.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Metropolitan**



**Table C.4**  
**DSH – Metro Staff Assaults – Physical Contact Made and Contact Attempted**

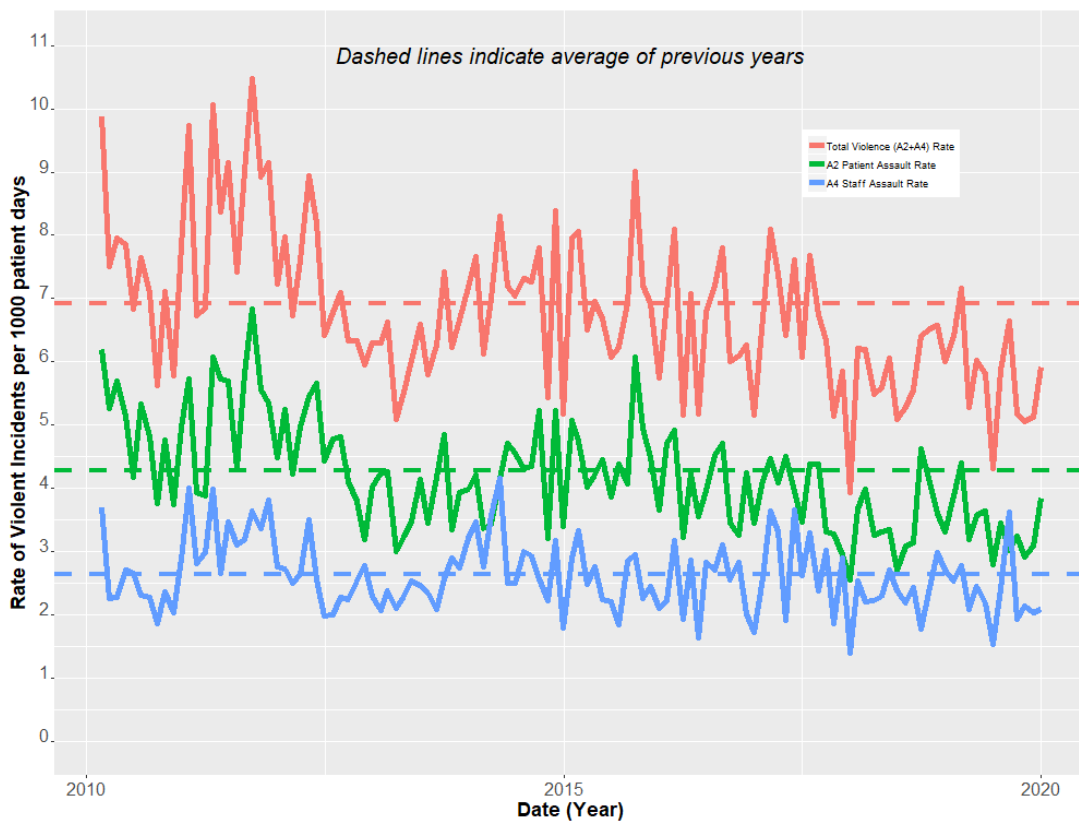
Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	498	427041	1.166	NA
2016	Contact Attempted	156	427041	0.365	NA
2017	Contact Made	512	429536	1.192	2.2
2017	Contact Attempted	255	429536	0.594	62.5
2018	Contact Made	436	424745	1.026	-13.9
2018	Contact Attempted	258	424745	0.607	2.3
2019	Contact Made	397	417873	0.95	-7.4
2019	Contact Attempted	279	417873	0.668	9.9

As seen in the table and graph above, the category of “Physical Contact Attempted” increased 9.9% from the previous year, while the category of “Physical Contact Made” decreased 7.4%.

## Monthly Rates

The previous barplot (Fig. C.1) showed the violence rates as an overall yearly average and did not show the monthly variability in the rates that occurs regularly. Two figures are shown below, the first being a plot of the violence rates on a monthly basis (Fig. C.3), and the second (Fig. C.4) 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). See [Appendix H](#) for more details of this method.

**Figure C.3**  
**DSH-Metropolitan Monthly Rates of Violence per 1000 Patient Days**



## Trend of Monthly Rates

**Figure C.4**  
**DSH-Metropolitan Trends of Monthly Rates of Violence per 1000 Patient Days**

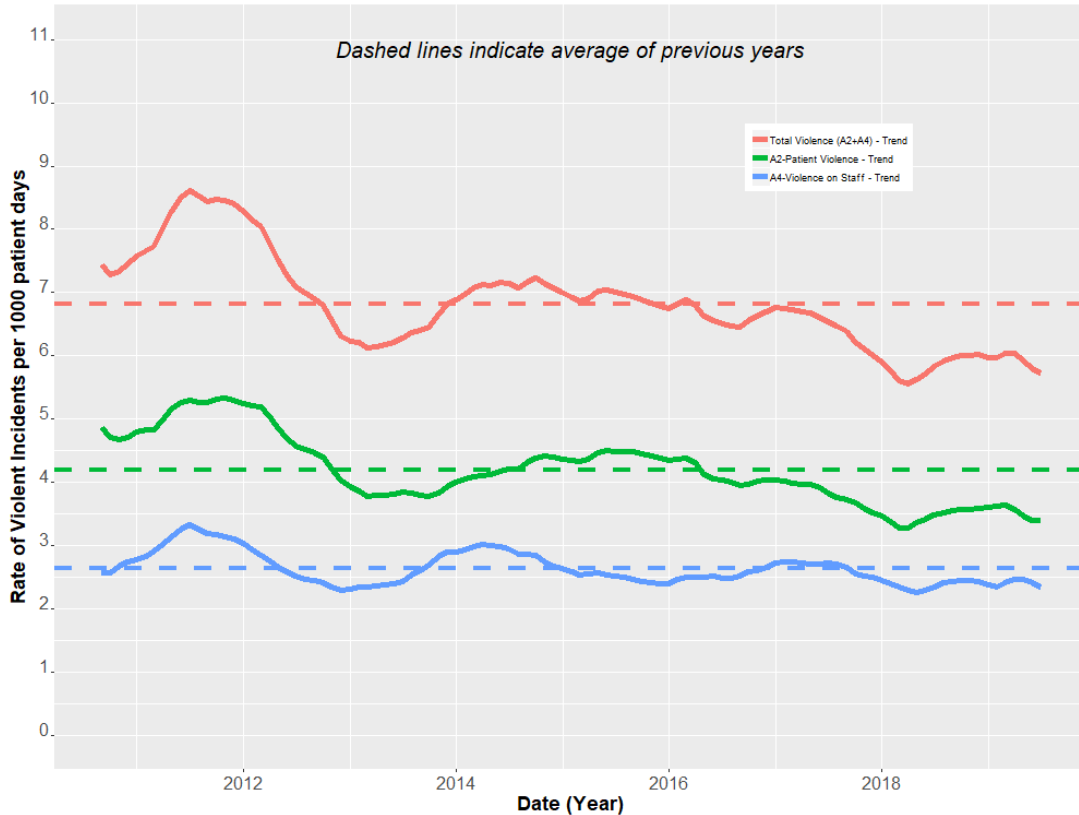


Figure C.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Metropolitan. The dashed lines indicate the previous years (2010-2018) average rate for each category, for comparison with 2019. Again, for more details on the methodology of trending the monthly rates data, please refer to [Appendix H](#).

Table C.5 provides a yearly summary of the year-over-year changes in the assault rates.

**Table C.5**  
**DSH-Metropolitan Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2010	6.196	3.686	9.882
3/31/2010	5.258	2.247	7.504
4/30/2010	5.687	2.275	7.962
5/31/2010	5.148	2.697	7.845
6/30/2010	4.170	2.659	6.829
7/31/2010	5.327	2.312	7.639
8/31/2010	4.807	2.277	7.084
9/30/2010	3.763	1.855	5.619
10/31/2010	4.753	2.350	7.103
11/30/2010	3.744	2.033	5.777
12/31/2010	4.961	2.872	7.833
1/31/2011	5.736	3.999	9.735
2/28/2011	3.924	2.811	6.735
3/31/2011	3.874	2.984	6.857
4/30/2011	6.078	3.980	10.059
5/31/2011	5.727	2.651	8.378
6/30/2011	5.685	3.465	9.150
7/31/2011	4.319	3.107	7.426
8/31/2011	5.812	3.194	9.005
9/30/2011	6.840	3.630	10.470
10/31/2011	5.563	3.368	8.931
11/30/2011	5.342	3.808	9.151
12/31/2011	4.479	2.749	7.228
1/31/2012	5.246	2.724	7.971
2/29/2012	4.228	2.493	6.721
3/31/2012	4.972	2.638	7.611
4/30/2012	5.448	3.491	8.939
5/31/2012	5.650	2.545	8.195
6/30/2012	4.436	1.983	6.419
7/31/2012	4.782	1.993	6.775
8/31/2012	4.806	2.279	7.085
9/30/2012	4.101	2.232	6.333
10/31/2012	3.785	2.540	6.325
11/30/2012	3.183	2.773	5.956
12/31/2012	4.016	2.281	6.297
1/31/2013	4.237	2.069	6.306
2/28/2013	4.252	2.374	6.626

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	2.997	2.098	5.095
4/30/2013	3.226	2.289	5.515
5/31/2013	3.487	2.527	6.014
6/30/2013	4.136	2.461	6.597
7/31/2013	3.446	2.347	5.792
8/31/2013	4.172	2.086	6.258
9/30/2013	4.843	2.573	7.416
10/31/2013	3.335	2.900	6.235
11/30/2013	3.923	2.746	6.669
12/31/2013	3.974	3.208	7.183
1/31/2014	4.214	3.456	7.670
2/28/2014	3.369	2.756	6.125
3/31/2014	3.432	3.571	7.003
4/30/2014	4.150	4.150	8.299
5/31/2014	4.707	2.495	7.201
6/30/2014	4.552	2.491	7.043
7/31/2014	4.304	3.004	7.308
8/31/2014	4.341	2.923	7.264
9/30/2014	5.233	2.571	7.804
10/31/2014	3.207	2.227	5.434
11/30/2014	5.226	3.163	8.389
12/31/2014	3.387	1.783	5.169
1/31/2015	5.063	2.887	7.950
2/28/2015	4.737	3.321	8.058
3/31/2015	4.026	2.477	6.503
4/30/2015	4.214	2.748	6.963
5/31/2015	4.442	2.244	6.686
6/30/2015	3.867	2.210	6.077
7/31/2015	4.388	1.836	6.224
8/31/2015	4.077	2.836	6.913
9/30/2015	6.067	2.943	9.011
10/31/2015	4.955	2.260	7.215
11/30/2015	4.475	2.437	6.912
12/31/2015	3.660	2.092	5.752
1/31/2016	4.710	2.224	6.935
2/29/2016	4.916	3.170	8.086
3/31/2016	3.230	1.921	5.151
4/30/2016	4.222	2.860	7.082
5/31/2016	3.554	1.627	5.181
6/30/2016	3.964	2.819	6.783
7/31/2016	4.510	2.706	7.216
8/31/2016	4.702	3.106	7.808

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
9/30/2016	3.446	2.551	5.997
10/31/2016	3.265	2.830	6.095
11/30/2016	4.248	2.015	6.263
12/31/2016	3.439	1.720	5.159
1/31/2017	4.120	2.580	6.701
2/28/2017	4.459	3.632	8.091
3/31/2017	4.082	3.306	7.388
4/30/2017	4.499	1.916	6.416
5/31/2017	3.944	3.659	7.603
6/30/2017	3.463	2.618	6.081
7/31/2017	4.383	3.297	7.681
8/31/2017	4.378	2.370	6.748
9/30/2017	3.311	3.018	6.329
10/31/2017	3.279	1.862	5.141
11/30/2017	2.942	2.902	5.844
12/31/2017	2.543	1.391	3.934
1/31/2018	3.680	2.532	6.212
2/28/2018	3.979	2.211	6.190
3/31/2018	3.257	2.224	5.481
4/30/2018	3.308	2.287	5.596
5/31/2018	3.349	2.711	6.060
6/30/2018	2.705	2.377	5.082
7/31/2018	3.092	2.180	5.273
8/31/2018	3.136	2.422	5.558
9/30/2018	4.623	1.775	6.398
10/31/2018	4.095	2.432	6.527
11/30/2018	3.601	2.980	6.581
12/31/2018	3.303	2.699	6.002
1/31/2019	3.884	2.523	6.407
2/28/2019	4.393	2.768	7.161
3/31/2019	3.190	2.087	5.277
4/30/2019	3.574	2.450	6.024
5/31/2019	3.644	2.178	5.822
6/30/2019	2.788	1.521	4.308
7/31/2019	3.455	2.410	5.865
8/31/2019	3.020	3.617	6.637
9/30/2019	3.244	1.930	5.173
10/31/2019	2.911	2.135	5.046
11/30/2019	3.090	2.034	5.123
12/31/2019	3.836	2.089	5.925



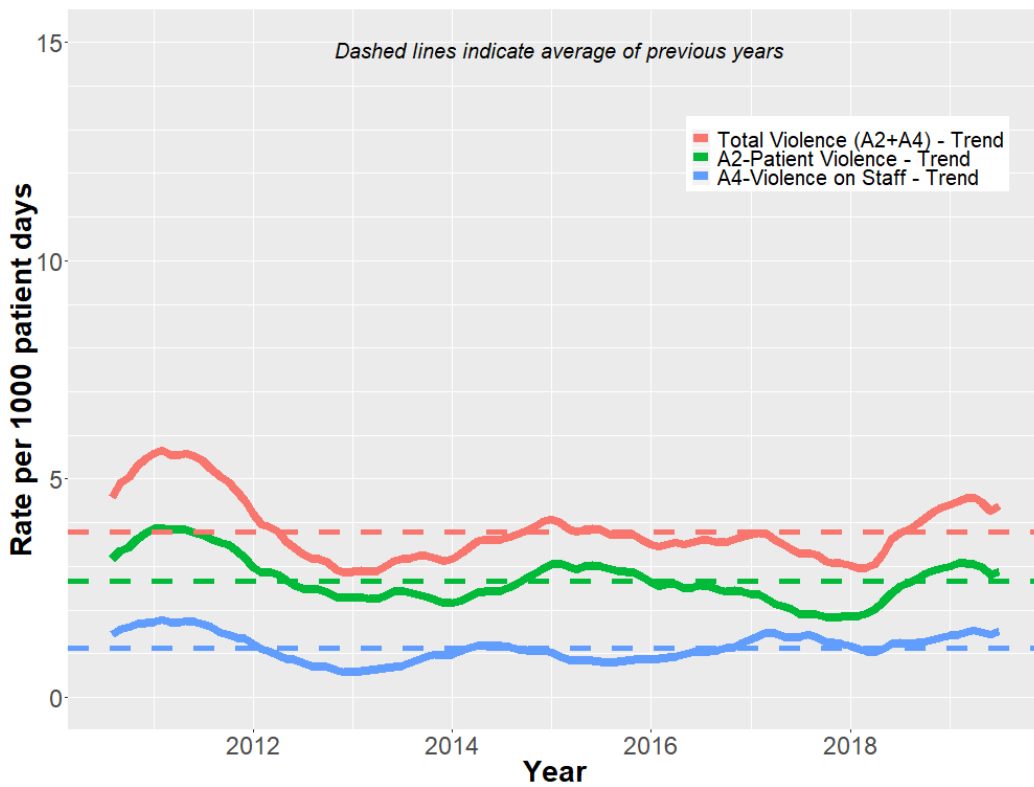
## Violence Rates by Major Legal Classes

### 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.

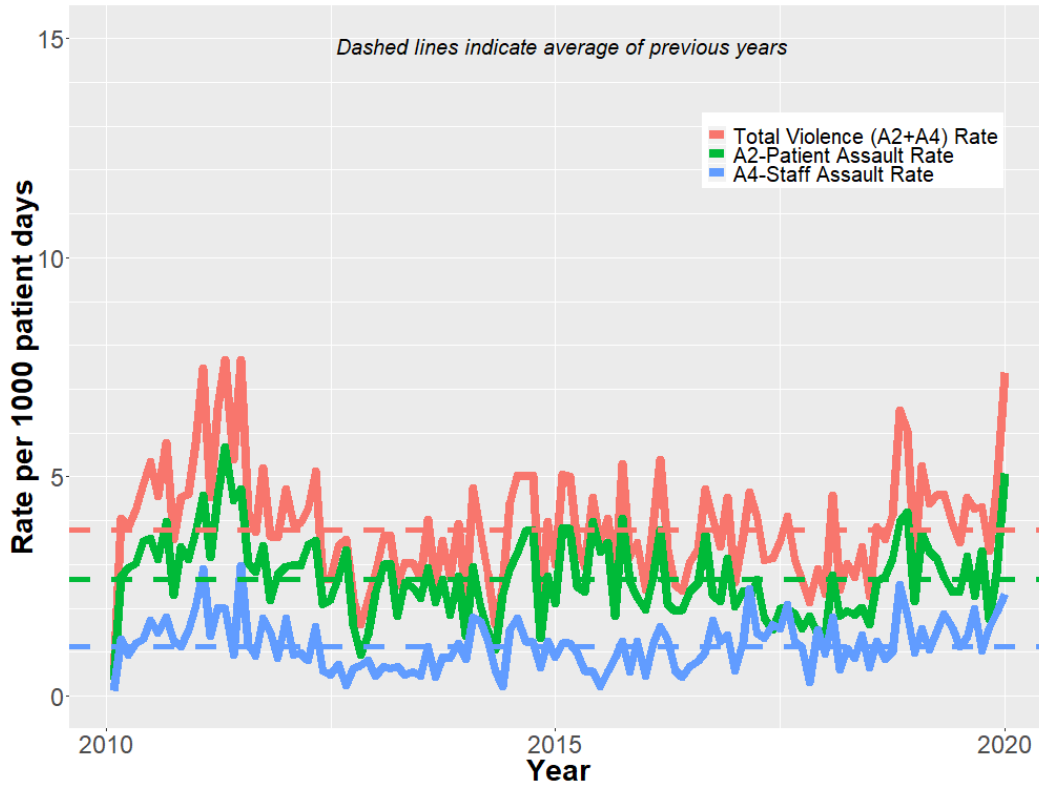
**Figure C.5**  
**Trends of Monthly Rates of Violence for IST's at DSH-Metropolitan**



### 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 C.6**  
**Monthly Rates of Violence for IST's at DSH-Metropolitan**



**Table C.6**  
**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
2/28/2010	2.740	1.305	4.045
3/31/2010	2.919	0.934	3.853
4/30/2010	3.028	1.211	4.239
5/31/2010	3.534	1.296	4.830
6/30/2010	3.598	1.737	5.335
7/31/2010	3.112	1.436	4.548
8/31/2010	3.970	1.805	5.775
9/30/2010	2.299	1.277	3.576
10/31/2010	3.400	1.133	4.533
11/30/2010	3.109	1.492	4.601
12/31/2010	3.732	2.046	5.778
1/31/2011	4.588	2.898	7.485
2/28/2011	3.163	1.375	4.538
3/31/2011	4.554	2.024	6.577
4/30/2011	5.690	1.985	7.675
5/31/2011	4.454	0.945	5.399
6/30/2011	4.715	2.964	7.679
7/31/2011	3.010	1.178	4.188
8/31/2011	2.835	0.902	3.738
9/30/2011	3.430	1.779	5.209
10/31/2011	2.191	1.461	3.652
11/30/2011	2.749	0.875	3.624
12/31/2011	2.948	1.769	4.717
1/31/2012	3.007	0.925	3.932
2/29/2012	2.975	0.992	3.966
3/31/2012	3.464	0.808	4.273
4/30/2012	3.550	1.591	5.141
5/31/2012	2.091	0.581	2.672
6/30/2012	2.177	0.484	2.661
7/31/2012	2.728	0.712	3.439
8/31/2012	3.325	0.238	3.563
9/30/2012	1.613	0.620	2.233
10/31/2012	0.933	0.700	1.633
11/30/2012	1.400	0.817	2.217
12/31/2012	2.351	0.448	2.799
1/31/2013	2.990	0.664	3.654
2/28/2013	3.032	0.632	3.664
3/31/2013	1.825	0.684	2.510
4/30/2013	2.586	0.470	3.056

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
5/31/2013	2.467	0.561	3.028
6/30/2013	2.221	0.468	2.688
7/31/2013	2.916	1.122	4.038
8/31/2013	2.133	0.427	2.560
9/30/2013	2.661	0.887	3.548
10/31/2013	1.847	0.869	2.717
11/30/2013	2.725	1.199	3.924
12/31/2013	1.363	0.838	2.201
1/31/2014	2.959	1.797	4.756
2/28/2014	2.043	1.702	3.745
3/31/2014	1.493	1.279	2.772
4/30/2014	1.054	0.586	1.640
5/31/2014	2.291	0.229	2.520
6/30/2014	2.896	1.506	4.402
7/31/2014	3.256	1.786	5.042
8/31/2014	3.756	1.252	5.008
9/30/2014	3.796	1.228	5.025
10/31/2014	1.309	0.654	1.963
11/30/2014	2.735	1.254	3.989
12/31/2014	2.110	0.888	2.998
1/31/2015	3.842	1.207	5.049
2/28/2015	3.815	1.192	5.008
3/31/2015	2.504	0.980	3.484
4/30/2015	2.374	0.565	2.939
5/31/2015	3.988	0.554	4.542
6/30/2015	3.287	0.227	3.514
7/31/2015	3.495	0.546	4.041
8/31/2015	1.815	0.854	2.670
9/30/2015	4.060	1.240	5.300
10/31/2015	2.611	0.544	3.155
11/30/2015	2.259	1.243	3.502
12/31/2015	1.963	0.462	2.425
1/31/2016	2.683	1.167	3.850
2/29/2016	3.793	1.591	5.384
3/31/2016	2.115	1.292	3.407
4/30/2016	1.932	0.604	2.536
5/31/2016	1.970	0.438	2.408
6/30/2016	2.369	0.677	3.046
7/31/2016	2.569	0.782	3.351
8/31/2016	3.703	1.010	4.713
9/30/2016	2.311	1.733	4.044

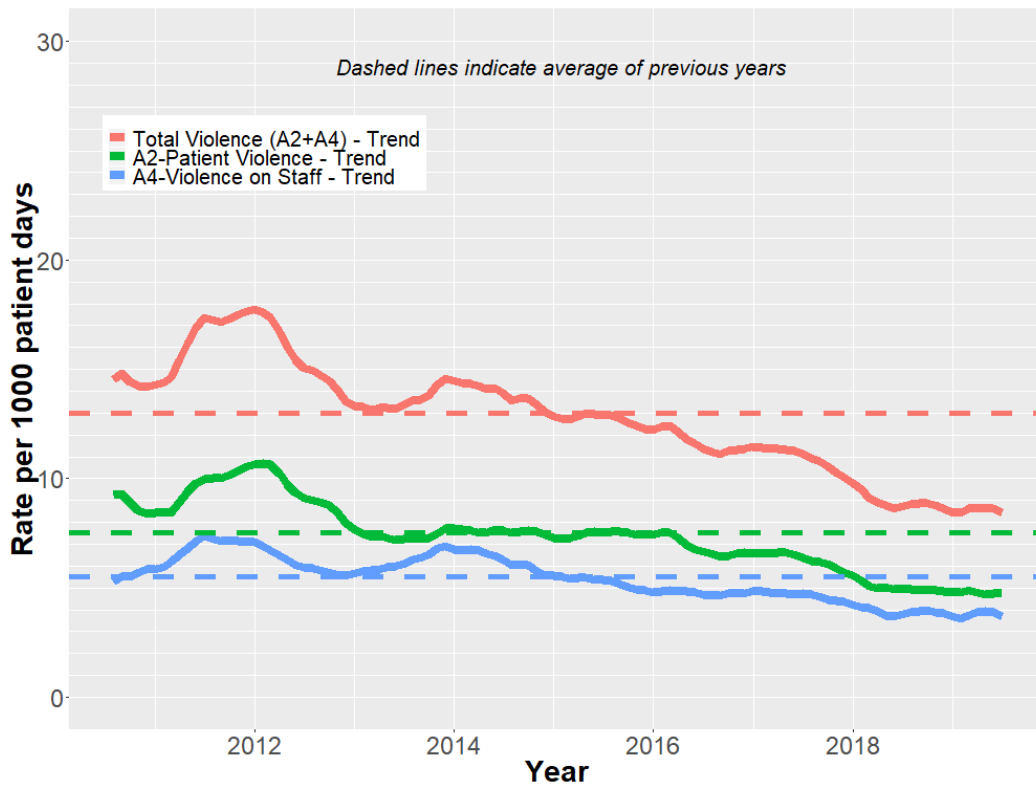
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
10/31/2016	2.159	1.250	3.409
11/30/2016	3.136	1.394	4.530
12/31/2016	2.036	0.566	2.602
1/31/2017	2.403	1.259	3.662
2/28/2017	2.194	2.453	4.647
3/31/2017	2.657	1.439	4.096
4/30/2017	1.765	1.324	3.088
5/31/2017	1.520	1.628	3.148
6/30/2017	1.986	1.545	3.531
7/31/2017	1.992	2.097	4.088
8/31/2017	1.871	1.247	3.118
9/30/2017	1.533	1.095	2.628
10/31/2017	1.823	0.322	2.144
11/30/2017	1.396	1.504	2.900
12/31/2017	1.377	0.953	2.330
1/31/2018	2.769	1.810	4.579
2/28/2018	1.818	0.606	2.424
3/31/2018	1.939	1.077	3.017
4/30/2018	1.842	0.867	2.709
5/31/2018	2.021	1.383	3.404
6/30/2018	1.625	0.650	2.275
7/31/2018	2.611	1.253	3.864
8/31/2018	2.733	0.841	3.574
9/30/2018	3.124	1.004	4.128
10/31/2018	3.984	2.545	6.529
11/30/2018	4.186	1.873	6.059
12/31/2018	2.161	0.973	3.134
1/31/2019	3.717	1.531	5.248
2/28/2019	3.314	1.065	4.379
3/31/2019	3.130	1.460	4.590
4/30/2019	2.720	1.883	4.603
5/31/2019	2.383	1.554	3.938
6/30/2019	2.364	1.126	3.490
7/31/2019	3.192	1.339	4.530
8/31/2019	2.280	1.983	4.263
9/30/2019	3.297	1.030	4.328
10/31/2019	1.743	1.560	3.303
11/30/2019	2.797	1.895	4.691
12/31/2019	5.079	2.317	7.396

## 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.

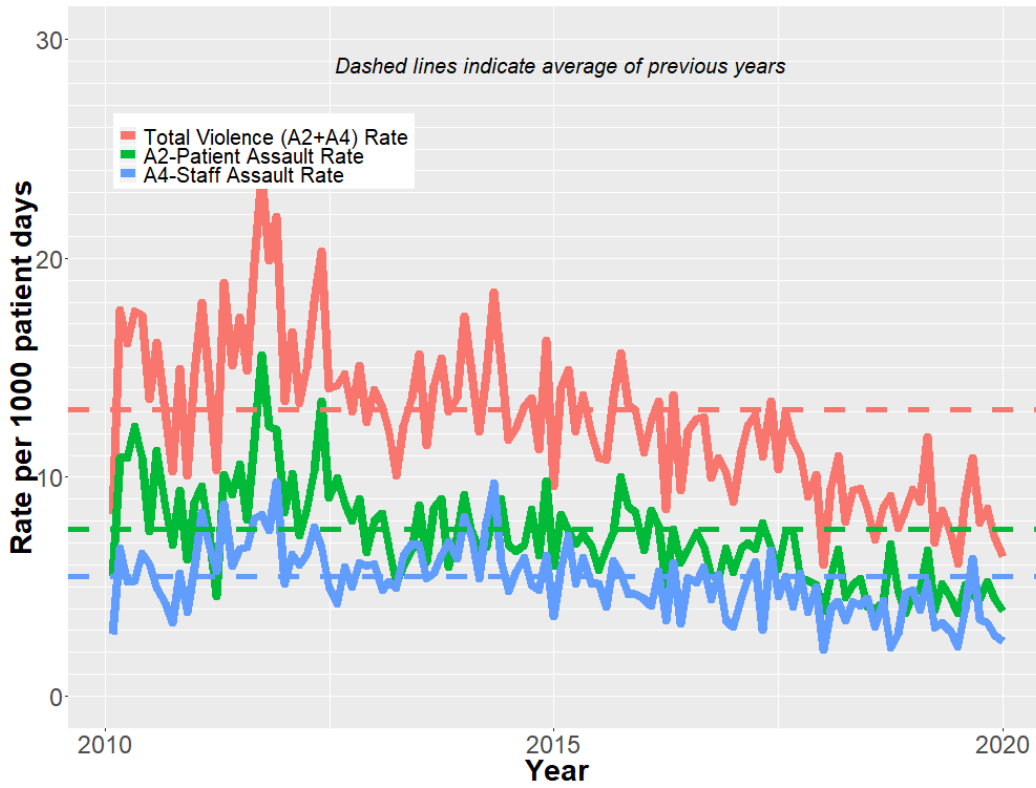
**Figure C.7**  
**Trends of Monthly Rates of Violence for LPS's at DSH-Metropolitan**



## 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 C.8**  
**Monthly Rates of Violence for LPS's at DSH-Metropolitan**



**Table C.7**  
**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
2/28/2010	10.875	6.756	17.631
3/31/2010	10.873	5.219	16.092
4/30/2010	12.331	5.263	17.594
5/31/2010	10.875	6.525	17.399
6/30/2010	7.543	6.034	13.577
7/31/2010	11.214	4.947	16.161
8/31/2010	8.716	4.276	12.991
9/30/2010	6.891	3.361	10.252
10/31/2010	9.384	5.598	14.982
11/30/2010	6.246	3.817	10.062
12/31/2010	8.848	5.899	14.747
1/31/2011	9.595	8.374	17.969
2/28/2011	7.454	6.881	14.335
3/31/2011	4.580	5.725	10.304
4/30/2011	10.103	8.799	18.902
5/31/2011	9.200	5.925	15.126
6/30/2011	10.575	6.730	17.305
7/31/2011	8.042	6.805	14.847
8/31/2011	11.691	8.106	19.797
9/30/2011	15.603	8.279	23.882
10/31/2011	12.346	7.562	19.907
11/30/2011	12.160	9.760	21.920
12/31/2011	8.377	5.119	13.497
1/31/2012	10.157	6.464	16.620
2/29/2012	7.350	6.014	13.365
3/31/2012	8.528	6.475	15.003
4/30/2012	10.313	7.734	18.047
5/31/2012	13.497	6.826	20.323
6/30/2012	9.063	5.000	14.063
7/31/2012	9.952	4.244	14.196
8/31/2012	8.811	5.922	14.733
9/30/2012	8.007	4.986	12.993
10/31/2012	8.999	6.096	15.094
11/30/2012	6.575	5.963	12.538
12/31/2012	7.968	6.050	14.018
1/31/2013	8.339	4.828	13.168
2/28/2013	6.875	5.238	12.113
3/31/2013	5.112	4.962	10.074
4/30/2013	5.948	6.430	12.377



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
5/31/2013	6.647	6.971	13.619
6/30/2013	8.731	6.919	15.651
7/31/2013	6.117	5.353	11.470
8/31/2013	8.576	5.619	14.195
9/30/2013	9.030	6.428	15.458
10/31/2013	5.922	7.050	12.972
11/30/2013	7.302	6.300	13.603
12/31/2013	9.191	8.186	17.378
1/31/2014	7.516	7.242	14.758
2/28/2014	6.696	5.386	12.082
3/31/2014	6.791	7.945	14.736
4/30/2014	8.714	9.754	18.468
5/31/2014	9.010	6.171	15.181
6/30/2014	6.927	4.786	11.713
7/31/2014	6.605	5.644	12.249
8/31/2014	6.914	6.328	13.243
9/30/2014	8.525	5.091	13.616
10/31/2014	6.433	4.825	11.258
11/30/2014	9.825	6.433	16.257
12/31/2014	5.946	3.659	9.604
1/31/2015	8.301	5.799	14.101
2/28/2015	7.571	7.319	14.890
3/31/2015	6.965	5.138	12.103
4/30/2015	7.401	6.344	13.745
5/31/2015	6.859	5.144	12.003
6/30/2015	5.734	5.149	10.882
7/31/2015	6.721	4.056	10.776
8/31/2015	7.473	6.208	13.681
9/30/2015	10.025	5.632	15.657
10/31/2015	8.667	4.659	13.326
11/30/2015	8.374	4.676	13.051
12/31/2015	6.666	4.479	11.145
1/31/2016	8.466	4.130	12.595
2/29/2016	7.778	5.697	13.475
3/31/2016	5.098	3.434	8.532
4/30/2016	7.634	6.108	13.742
5/31/2016	6.098	3.307	9.406
6/30/2016	6.699	5.443	12.142
7/31/2016	7.495	5.166	12.661
8/31/2016	6.837	5.919	12.756
9/30/2016	5.584	4.403	9.987
10/31/2016	5.339	5.548	10.887

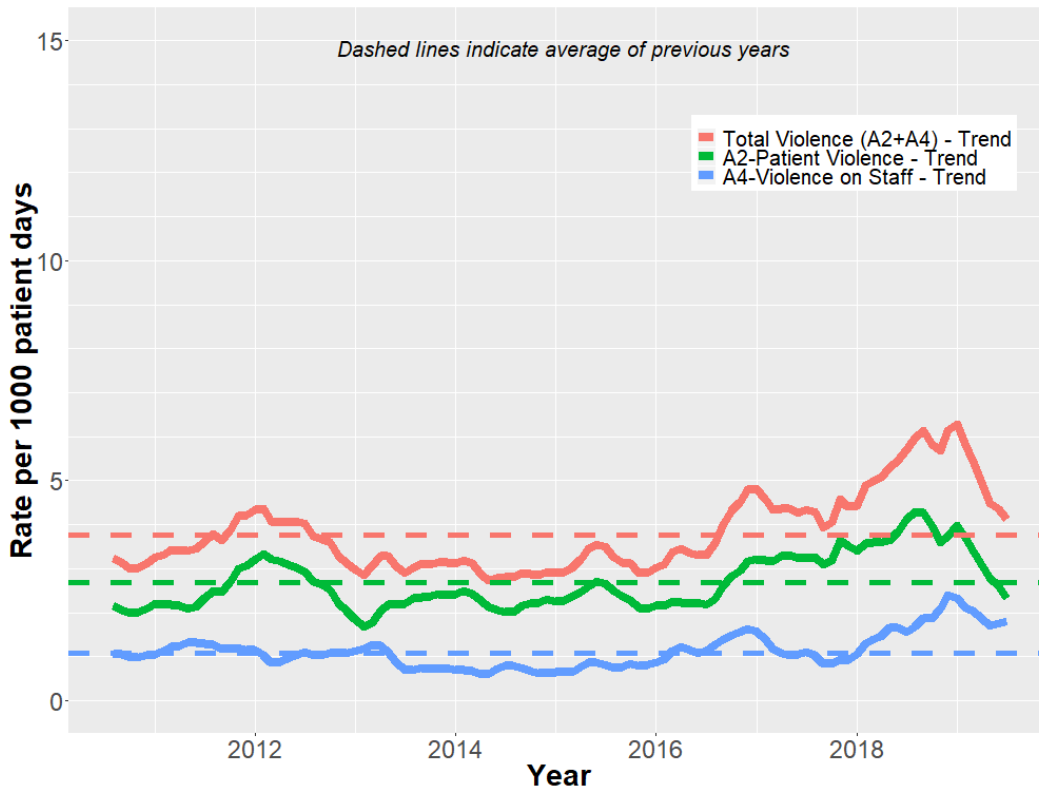
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
11/30/2016	6.772	3.489	10.261
12/31/2016	5.681	3.178	8.859
1/31/2017	6.745	4.496	11.241
2/28/2017	6.991	5.370	12.361
3/31/2017	6.702	6.151	12.853
4/30/2017	7.890	3.042	10.933
5/31/2017	6.827	6.643	13.470
6/30/2017	5.799	4.543	10.342
7/31/2017	7.548	5.457	13.005
8/31/2017	7.552	4.094	11.646
9/30/2017	5.433	5.620	11.053
10/31/2017	5.269	3.840	9.109
11/30/2017	5.095	5.004	10.098
12/31/2017	3.883	2.118	6.001
1/31/2018	5.478	4.000	9.477
2/28/2018	6.696	4.305	11.001
3/31/2018	4.495	3.458	7.953
4/30/2018	5.062	4.339	9.402
5/31/2018	5.365	4.134	9.499
6/30/2018	4.081	4.444	8.525
7/31/2018	3.980	3.184	7.164
8/31/2018	4.268	4.357	8.625
9/30/2018	6.968	2.200	9.168
10/31/2018	4.809	2.850	7.659
11/30/2018	3.773	4.694	8.467
12/31/2018	4.600	4.865	9.465
1/31/2019	4.917	3.951	8.867
2/28/2019	6.663	5.194	11.857
3/31/2019	3.911	3.111	7.022
4/30/2019	5.118	3.382	8.500
5/31/2019	4.498	2.968	7.466
6/30/2019	3.777	2.266	6.043
7/31/2019	5.080	3.972	9.051
8/31/2019	4.592	6.279	10.872
9/30/2019	4.447	3.480	7.927
10/31/2019	5.209	3.376	8.585
11/30/2019	4.464	2.778	7.242
12/31/2019	3.904	2.475	6.379

## DSH-Metropolitan OMD'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.

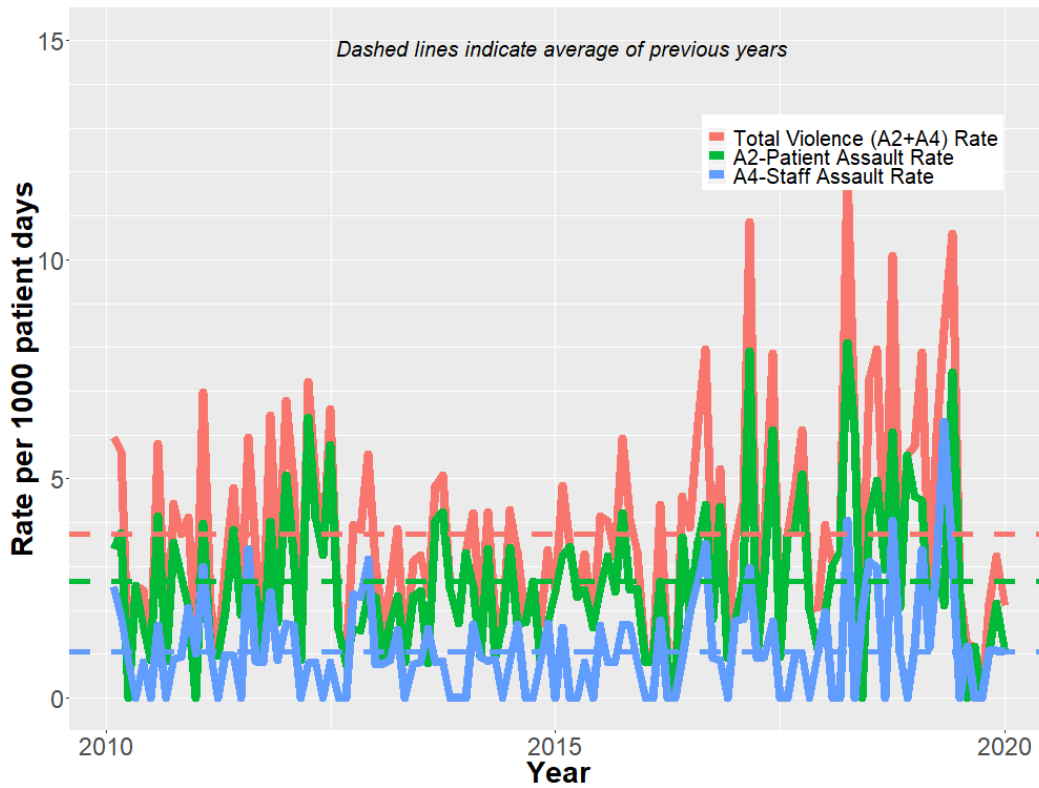
**Figure C.9**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Metropolitan**



### 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 C.10**  
**Monthly Rates of Violence for OMD's at DSH-Metropolitan**



**Table C.8**  
**DSH-Metropolitan OMD Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2010	3.759	1.880	5.639
3/31/2010	0.000	0.840	0.840
4/30/2010	2.564	0.000	2.564
5/31/2010	1.654	0.827	2.481
6/30/2010	0.865	0.000	0.865
7/31/2010	4.149	1.660	5.809
8/31/2010	0.842	0.000	0.842
9/30/2010	3.552	0.888	4.440
10/31/2010	2.799	0.933	3.731
11/30/2010	2.062	2.062	4.124
12/31/2010	0.000	1.008	1.008
1/31/2011	3.992	2.994	6.986
2/28/2011	1.065	1.065	2.130
3/31/2011	0.949	0.000	0.949
4/30/2011	1.961	0.980	2.941
5/31/2011	3.828	0.957	4.785
6/30/2011	1.887	0.000	1.887
7/31/2011	2.547	3.396	5.942
8/31/2011	2.504	0.835	3.339
9/30/2011	0.814	0.814	1.627
10/31/2011	4.032	2.419	6.452
11/30/2011	1.739	0.870	2.609
12/31/2011	5.093	1.698	6.791
1/31/2012	3.289	1.645	4.934
2/29/2012	0.861	0.000	0.861
3/31/2012	6.405	0.801	7.206
4/30/2012	4.102	0.820	4.922
5/31/2012	3.271	0.000	3.271
6/30/2012	5.771	0.824	6.595
7/31/2012	1.548	0.000	1.548
8/31/2012	0.768	0.000	0.768
9/30/2012	1.587	2.381	3.968
10/31/2012	1.536	2.304	3.840
11/30/2012	2.381	3.175	5.556
12/31/2012	2.304	0.768	3.072
1/31/2013	0.781	0.781	1.561
2/28/2013	1.718	0.859	2.577
3/31/2013	2.322	1.548	3.870
4/30/2013	0.805	0.000	0.805

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
5/31/2013	2.333	0.778	3.110
6/30/2013	2.439	0.813	3.252
7/31/2013	0.792	1.584	2.375
8/31/2013	4.042	0.808	4.850
9/30/2013	4.241	0.848	5.089
10/31/2013	2.492	0.000	2.492
11/30/2013	1.709	0.000	1.709
12/31/2013	3.309	0.000	3.309
1/31/2014	2.536	1.691	4.227
2/28/2014	0.940	0.940	1.880
3/31/2014	3.396	0.849	4.244
4/30/2014	0.877	0.877	1.754
5/31/2014	1.671	0.000	1.671
6/30/2014	3.431	0.858	4.288
7/31/2014	1.669	1.669	3.339
8/31/2014	1.735	0.000	1.735
9/30/2014	2.660	0.000	2.660
10/31/2014	0.849	0.849	1.698
11/30/2014	1.695	1.695	3.390
12/31/2014	2.419	0.000	2.419
1/31/2015	3.226	1.613	4.839
2/28/2015	3.442	0.000	3.442
3/31/2015	2.304	0.000	2.304
4/30/2015	2.465	0.822	3.287
5/31/2015	1.613	0.000	1.613
6/30/2015	2.483	1.656	4.139
7/31/2015	3.226	0.806	4.032
8/31/2015	2.419	0.806	3.226
9/30/2015	4.227	1.691	5.917
10/31/2015	2.481	1.654	4.136
11/30/2015	2.504	0.835	3.339
12/31/2015	0.806	0.000	0.806
1/31/2016	0.827	0.000	0.827
2/29/2016	2.653	1.768	4.421
3/31/2016	0.864	0.000	0.864
4/30/2016	0.000	0.000	0.000
5/31/2016	3.676	0.919	4.596
6/30/2016	1.944	1.944	3.887
7/31/2016	3.584	2.688	6.272
8/31/2016	4.417	3.534	7.951
9/30/2016	1.802	0.901	2.703

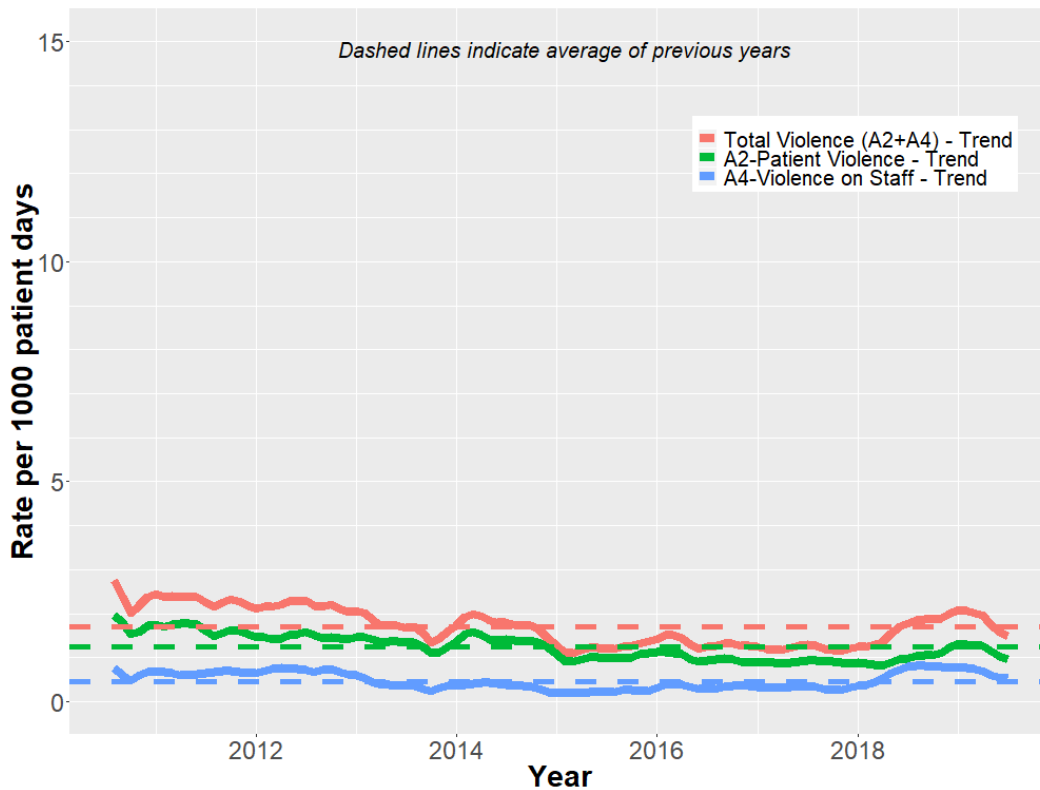
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
10/31/2016	4.359	0.872	5.231
11/30/2016	0.901	0.000	0.901
12/31/2016	1.761	1.761	3.521
1/31/2017	2.688	1.792	4.480
2/28/2017	7.905	2.964	10.870
3/31/2017	0.922	0.922	1.843
4/30/2017	2.804	0.935	3.738
5/31/2017	6.119	1.748	7.867
6/30/2017	0.930	0.000	0.930
7/31/2017	3.724	0.000	3.724
8/31/2017	3.795	0.949	4.744
9/30/2017	5.097	1.019	6.116
10/31/2017	2.016	0.000	2.016
11/30/2017	1.037	1.037	2.075
12/31/2017	1.972	1.972	3.945
1/31/2018	3.027	0.000	3.027
2/28/2018	3.352	0.000	3.352
3/31/2018	8.105	4.053	12.158
4/30/2018	6.061	0.000	6.061
5/31/2018	0.000	1.996	1.996
6/30/2018	4.167	3.125	7.292
7/31/2018	4.970	2.982	7.952
8/31/2018	2.933	0.000	2.933
9/30/2018	6.061	4.040	10.101
10/31/2018	2.066	1.033	3.099
11/30/2018	5.537	0.000	5.537
12/31/2018	4.608	1.152	5.760
1/31/2019	4.510	3.382	7.892
2/28/2019	1.163	1.163	2.326
3/31/2019	3.024	3.024	6.048
4/30/2019	2.103	6.309	8.412
5/31/2019	7.423	3.181	10.604
6/30/2019	2.375	0.000	2.375
7/31/2019	0.000	1.185	1.185
8/31/2019	1.181	0.000	1.181
9/30/2019	0.000	0.000	0.000
10/31/2019	1.075	1.075	2.151
11/30/2019	2.160	1.080	3.240
12/31/2019	1.060	1.060	2.121

## 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 C.11**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Metropolitan**

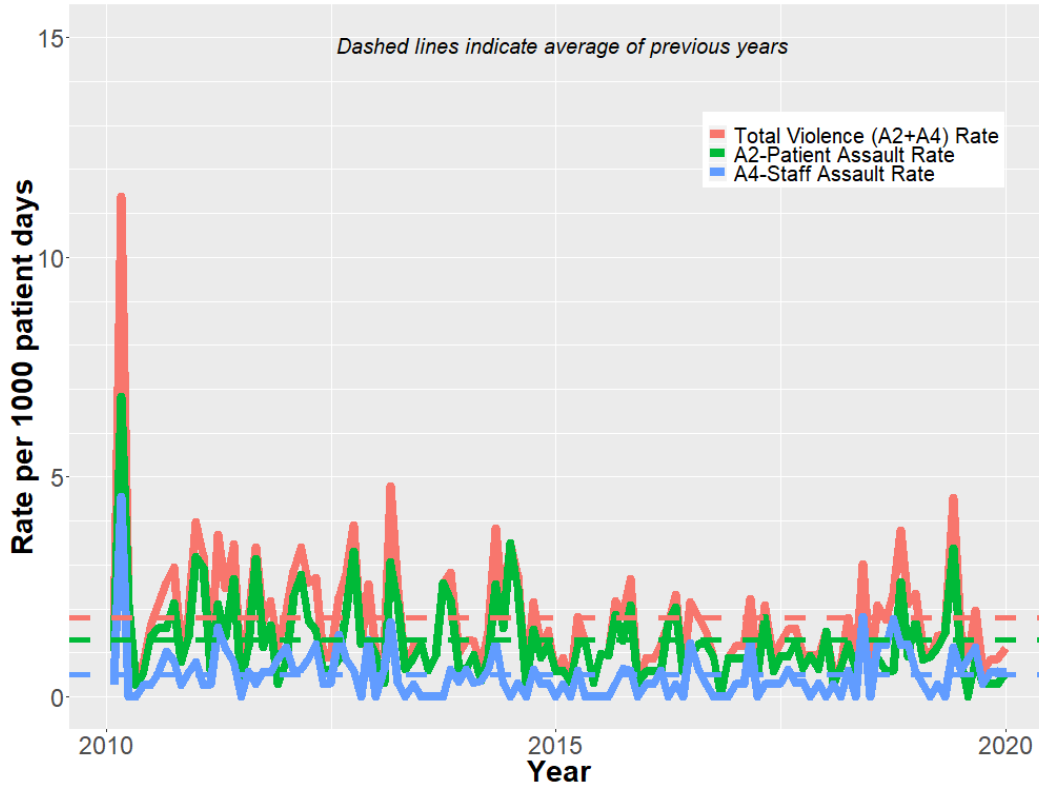




## Monthly Rates Data

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 C.12**  
**Monthly Rates of Violence for NGRI's at DSH-Metropolitan**



**Table C.9**  
**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
2/28/2010	6.832	4.555	11.386
3/31/2010	2.098	0.000	2.098
4/30/2010	0.273	0.000	0.273
5/31/2010	0.525	0.263	0.788
6/30/2010	1.366	0.273	1.639
7/31/2010	1.567	0.522	2.089
8/31/2010	1.562	1.041	2.603
9/30/2010	2.145	0.805	2.950
10/31/2010	0.791	0.264	1.055
11/30/2010	1.371	0.548	1.919
12/31/2010	3.178	0.794	3.972
1/31/2011	2.951	0.268	3.220
2/28/2011	0.592	0.296	0.887
3/31/2011	2.115	1.586	3.702
4/30/2011	1.369	1.096	2.465
5/31/2011	2.676	0.803	3.479
6/30/2011	0.287	0.000	0.287
7/31/2011	1.148	0.574	1.722
8/31/2011	3.131	0.285	3.416
9/30/2011	1.140	0.570	1.710
10/31/2011	1.639	0.546	2.185
11/30/2011	0.285	0.856	1.142
12/31/2011	0.847	1.129	1.976
1/31/2012	2.310	0.578	2.888
2/29/2012	2.782	0.618	3.400
3/31/2012	1.730	0.865	2.595
4/30/2012	1.510	1.208	2.718
5/31/2012	0.594	0.297	0.890
6/30/2012	0.610	0.305	0.914
7/31/2012	0.853	1.422	2.275
8/31/2012	1.979	0.848	2.826
9/30/2012	3.308	0.602	3.910
10/31/2012	1.207	0.000	1.207
11/30/2012	1.288	1.288	2.576
12/31/2012	0.951	0.000	0.951
1/31/2013	0.317	0.635	0.952
2/28/2013	3.079	1.711	4.790
3/31/2013	2.114	0.302	2.415

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
4/30/2013	0.615	0.000	0.615
5/31/2013	0.878	0.293	1.171
6/30/2013	1.233	0.000	1.233
7/31/2013	0.605	0.000	0.605
8/31/2013	0.926	0.000	0.926
9/30/2013	2.588	0.000	2.588
10/31/2013	2.195	0.627	2.822
11/30/2013	0.653	0.326	0.979
12/31/2013	0.631	0.631	1.261
1/31/2014	0.950	0.317	1.267
2/28/2014	0.351	0.351	0.702
3/31/2014	0.937	0.625	1.562
4/30/2014	2.564	1.282	3.846
5/31/2014	1.554	0.311	1.865
6/30/2014	3.510	0.000	3.510
7/31/2014	2.455	0.307	2.762
8/31/2014	0.302	0.000	0.302
9/30/2014	1.537	0.615	2.151
10/31/2014	0.882	0.294	1.176
11/30/2014	1.208	0.302	1.510
12/31/2014	0.580	0.000	0.580
1/31/2015	0.593	0.296	0.889
2/28/2015	0.334	0.000	0.334
3/31/2015	1.211	0.606	1.817
4/30/2015	1.252	0.000	1.252
5/31/2015	0.312	0.000	0.312
6/30/2015	0.972	0.000	0.972
7/31/2015	0.924	0.000	0.924
8/31/2015	1.871	0.312	2.183
9/30/2015	1.280	0.640	1.919
10/31/2015	2.091	0.597	2.688
11/30/2015	0.304	0.000	0.304
12/31/2015	0.585	0.293	0.878
1/31/2016	0.583	0.292	0.875
2/29/2016	0.605	0.605	1.210
3/31/2016	1.669	0.000	1.669
4/30/2016	2.027	0.290	2.317
5/31/2016	0.581	0.000	0.581
6/30/2016	0.921	1.227	2.148
7/31/2016	1.198	0.599	1.797
8/31/2016	1.198	0.299	1.497
9/30/2016	0.919	0.000	0.919

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
10/31/2016	0.000	0.000	0.000
11/30/2016	0.891	0.000	0.891
12/31/2016	0.861	0.287	1.148
1/31/2017	0.857	0.286	1.143
2/28/2017	0.960	1.280	2.241
3/31/2017	0.573	0.000	0.573
4/30/2017	1.792	0.299	2.090
5/31/2017	0.588	0.294	0.883
6/30/2017	0.939	0.313	1.252
7/31/2017	0.921	0.614	1.534
8/31/2017	1.239	0.310	1.549
9/30/2017	0.652	0.326	0.978
10/31/2017	0.941	0.000	0.941
11/30/2017	0.625	0.312	0.937
12/31/2017	1.479	0.000	1.479
1/31/2018	0.295	0.295	0.590
2/28/2018	0.662	0.000	0.662
3/31/2018	1.197	0.598	1.795
4/30/2018	0.624	0.000	0.624
5/31/2018	1.208	1.812	3.020
6/30/2018	0.628	0.000	0.628
7/31/2018	0.899	1.199	2.098
8/31/2018	0.587	1.175	1.762
9/30/2018	0.594	1.783	2.377
10/31/2018	2.621	1.165	3.786
11/30/2018	0.906	1.208	2.114
12/31/2018	1.766	0.589	2.354
1/31/2019	0.846	0.282	1.127
2/28/2019	0.924	0.000	0.924
3/31/2019	1.122	0.281	1.403
4/30/2019	1.449	0.000	1.449
5/31/2019	3.391	1.130	4.521
6/30/2019	0.893	0.595	1.488
7/31/2019	0.000	0.855	0.855
8/31/2019	0.843	1.124	1.967
9/30/2019	0.290	0.290	0.579
10/31/2019	0.281	0.561	0.842
11/30/2019	0.287	0.575	0.862
12/31/2019	0.547	0.547	1.093

## Appendix D: 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 2010-2019, 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, OMD'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 D.I**  
**DSH-Napa Monthly ADC, By Legal Commitment**

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2010	0.0	<	275.1	186.2	<	543.8	152.6	0.0	1169.7
2/28/2010	0.0	<	266.3	187.9	<	545.4	153.2	0.0	1164.7
3/31/2010	0.0	<	268.6	183.5	<	547.2	152.4	0.0	1164.6
4/30/2010	0.0	<	272.8	181.2	<	544.0	150.3	0.0	1161.4
5/31/2010	0.0	<	268.0	188.4	<	543.7	151.7	0.0	1164.9
6/30/2010	0.0	<	269.6	192.2	<	543.6	152.4	0.0	1171.4
7/31/2010	0.0	<	257.0	193.7	<	547.8	152.6	0.0	1164.5
8/31/2010	0.0	<	260.3	194.1	<	547.9	153.5	0.0	1168.8
9/30/2010	0.0	<	262.1	194.5	<	550.3	152.8	0.0	1172.6
10/31/2010	0.0	<	257.8	201.7	<	553.8	152.8	0.0	1179.1
11/30/2010	0.0	<	262.0	201.1	<	553.7	151.0	0.0	1180.7
12/31/2010	0.0	<	254.6	203.9	<	556.7	149.5	0.0	1177.7
1/31/2011	0.0	<	251.5	214.2	<	558.1	149.5	0.0	1186.2
2/28/2011	0.0	<	244.3	217.5	<	558.3	147.0	0.0	1179.8
3/31/2011	0.0	<	244.1	215.3	<	562.7	144.8	0.0	1178.8
4/30/2011	0.0	<	248.6	211.4	<	564.2	144.0	0.0	1180.2
5/31/2011	0.0	<	243.1	212.9	<	565.6	145.8	0.0	1179.4
6/30/2011	0.0	<	242.9	206.8	<	559.5	145.5	0.0	1166.7
7/31/2011	0.0	<	239.2	204.7	<	558.6	141.3	0.0	1155.8
8/31/2011	0.0	<	243.6	208.4	<	555.6	141.3	0.0	1160.8
9/30/2011	0.0	<	257.9	209.0	<	558.2	141.9	0.0	1179.1
10/31/2011	0.0	<	268.4	206.1	<	562.4	143.9	0.0	1192.8
11/30/2011	0.0	<	271.7	205.7	<	562.6	143.6	0.0	1195.7
12/31/2011	0.0	<	279.8	205.3	<	558.4	141.4	0.0	1196.9
1/31/2012	0.0	<	284.9	203.2	<	558.9	137.5	0.0	1196.6
2/29/2012	0.0	<	289.0	210.0	<	557.5	134.1	0.0	1202.5
3/31/2012	0.0	<	283.4	216.5	<	553.2	132.5	0.0	1197.5
4/30/2012	0.0	<	281.7	220.7	<	555.5	132.6	0.0	1202.2
5/31/2012	0.0	<	278.1	224.6	<	559.1	132.0	0.0	1205.7
6/30/2012	0.0	<	280.5	224.4	<	556.5	131.4	0.0	1204.7
7/31/2012	0.0	<	283.3	227.4	<	560.8	131.0	0.0	1214.5
8/31/2012	0.0	<	281.7	224.4	<	563.2	131.1	0.0	1212.4
9/30/2012	0.0	<	281.2	226.4	<	560.5	131.5	0.0	1211.0
10/31/2012	0.0	<	274.3	225.3	<	561.2	132.0	0.0	1203.7
11/30/2012	0.0	<	280.1	225.1	<	561.4	130.3	0.0	1207.9
12/31/2012	0.0	<	276.6	224.7	<	564.1	125.8	0.0	1202.1

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2013	0.0	<	278.6	222.1	<	567.4	124.1	0.0	1202.7
2/28/2013	0.0	<	276.3	221.1	<	569.2	124.1	0.0	1200.7
3/31/2013	0.0	<	273.2	222.9	<	573.9	123.5	0.0	1204.0
4/30/2013	0.0	<	275.3	224.0	<	572.5	118.8	0.0	1201.6
5/31/2013	0.0	<	283.3	220.5	<	572.2	114.5	0.0	1201.4
6/30/2013	0.0	<	290.2	216.9	<	573.4	112.7	0.0	1204.2
7/31/2013	0.0	<	294.6	215.4	<	571.1	111.0	0.0	1203.1
8/31/2013	0.0	<	301.8	213.4	<	569.1	109.4	0.0	1204.6
9/30/2013	0.0	<	304.7	208.5	<	564.9	107.0	0.0	1195.1
10/31/2013	0.0	<	304.8	203.1	<	566.5	108.4	0.0	1191.8
11/30/2013	0.0	<	301.4	200.8	<	567.2	106.6	0.0	1184.9
12/31/2013	0.0	<	299.5	200.6	<	561.3	106.3	0.0	1176.7
1/31/2014	0.0	<	296.1	198.6	<	558.0	106.2	0.0	1167.9
2/28/2014	0.0	<	292.2	199.6	<	554.5	101.8	0.0	1157.1
3/31/2014	0.0	<	297.5	201.5	<	552.4	85.6	0.0	1145.9
4/30/2014	0.0	<	302.5	206.4	<	551.8	82.5	0.0	1152.3
5/31/2014	0.0	<	322.5	206.6	<	557.9	82.5	0.0	1178.5
6/30/2014	0.0	<	321.5	210.9	<	565.8	83.1	0.0	1190.3
7/31/2014	0.0	<	330.4	211.1	<	571.6	81.9	0.0	1203.9
8/31/2014	0.0	<	332.2	210.4	<	574.7	80.8	0.0	1207.2
9/30/2014	0.0	<	333.4	208.8	<	578.7	80.2	0.0	1210.5
10/31/2014	0.0	<	337.4	209.0	<	577.7	78.0	0.0	1212.0
11/30/2014	0.0	<	341.0	205.7	<	577.2	78.8	0.0	1212.0
12/31/2014	0.0	<	344.9	205.3	<	576.6	78.8	0.0	1214.1
1/31/2015	0.0	<	343.0	206.7	<	575.3	78.7	0.0	1211.7
2/28/2015	0.0	<	327.0	207.3	<	575.4	80.0	0.0	1196.7
3/31/2015	0.0	0.0	325.7	207.7	<	572.9	80.3	0.0	1193.2
4/30/2015	0.0	0.0	324.4	210.1	<	569.7	80.8	0.0	1191.0
5/31/2015	0.0	0.0	329.2	211.5	<	573.3	81.0	0.0	1201.0
6/30/2015	0.0	0.0	332.8	214.1	<	574.4	81.5	0.0	1208.8
7/31/2015	0.0	0.0	330.0	217.0	<	577.2	81.1	0.0	1211.3
8/31/2015	0.0	0.0	333.2	215.0	<	578.9	82.0	0.0	1215.2
9/30/2015	0.0	0.0	334.7	211.7	<	575.3	81.1	0.0	1208.8
10/31/2015	0.0	0.0	334.9	211.0	<	574.6	78.8	0.0	1205.2
11/30/2015	0.0	0.0	337.5	215.5	<	567.9	77.7	0.0	1204.1
12/31/2015	0.0	0.0	339.0	213.4	<	567.7	76.1	0.0	1201.1
1/31/2016	0.0	0.0	335.8	212.9	<	567.7	74.2	0.0	1195.6
2/29/2016	0.0	0.0	345.5	207.5	<	574.1	72.4	0.0	1204.5
3/31/2016	0.0	0.0	368.6	212.1	<	584.0	72.7	0.0	1242.4
4/30/2016	0.0	<	378.7	220.5	<	582.6	72.8	0.0	1260.3

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
5/31/2016	0.0	<	378.5	221.5	<	586.7	72.0	0.0	1261.5
6/30/2016	0.0	0.0	373.8	225.5	<	591.1	72.0	0.0	1264.4
7/31/2016	0.0	0.0	381.7	226.8	<	589.9	72.2	0.0	1272.6
8/31/2016	0.0	0.0	380.7	223.3	<	592.2	71.7	0.0	1269.9
9/30/2016	0.0	0.0	375.9	218.7	<	589.8	72.5	0.0	1259.0
10/31/2016	0.0	0.0	374.0	215.5	<	591.0	72.8	0.0	1255.2
11/30/2016	0.0	0.0	371.1	219.6	<	591.4	73.2	0.0	1257.4
12/31/2016	0.0	0.0	367.3	220.8	<	591.9	73.0	0.0	1254.9
1/31/2017	0.0	0.0	365.0	222.6	<	592.1	71.2	0.0	1252.9
2/28/2017	0.0	0.0	377.1	223.8	<	586.9	70.2	0.0	1260.1
3/31/2017	0.0	0.0	376.1	220.9	<	582.9	69.6	0.0	1251.5
4/30/2017	0.0	0.0	371.5	221.1	<	582.8	70.6	0.0	1248.0
5/31/2017	0.0	0.0	367.8	222.1	<	585.8	71.9	0.0	1249.6
6/30/2017	0.0	0.0	367.0	220.4	<	583.1	73.3	0.0	1245.8
7/31/2017	0.0	0.0	369.2	216.8	<	580.9	74.9	0.0	1243.8
8/31/2017	0.0	0.0	365.4	216.2	<	583.1	76.0	0.0	1242.7
9/30/2017	0.0	0.0	366.6	218.5	<	585.6	77.0	0.0	1249.8
10/31/2017	0.0	0.0	366.0	217.5	<	584.9	77.0	0.0	1247.5
11/30/2017	0.0	0.0	371.2	216.8	<	584.3	76.5	0.0	1250.8
12/31/2017	0.0	0.0	378.5	220.0	<	583.8	76.0	0.0	1260.4
1/31/2018	0.0	0.0	385.7	219.6	<	584.6	76.0	0.0	1268.0
2/28/2018	0.0	0.0	397.7	220.5	<	583.2	76.6	0.0	1280.0
3/31/2018	0.0	0.0	402.1	219.4	<	585.1	77.0	0.0	1285.6
4/30/2018	0.0	0.0	399.6	216.9	<	588.0	77.0	0.0	1283.5
5/31/2018	0.0	0.0	391.4	216.0	<	588.3	78.7	0.0	1276.5
6/30/2018	0.0	0.0	389.0	214.9	<	592.0	78.7	0.0	1276.6
7/31/2018	0.0	0.0	399.5	213.8	<	588.3	76.2	0.0	1279.9
8/31/2018	0.0	0.0	398.4	216.7	<	586.0	74.0	0.0	1277.1
9/30/2018	0.0	0.0	395.7	214.4	<	586.0	74.6	0.0	1272.7
10/31/2018	0.0	0.0	398.0	214.8	<	589.9	69.3	0.0	1274.1
11/30/2018	0.0	0.0	392.2	217.2	<	589.7	65.0	0.0	1266.1
12/31/2018	0.0	0.0	381.6	215.8	<	588.3	64.5	0.0	1252.2
1/31/2019	0.0	0.0	387.5	217.7	<	589.3	65.0	0.0	1261.5
2/28/2019	0.0	<	400.4	215.0	<	587.4	64.5	0.0	1269.9
3/31/2019	0.0	<	397.1	212.9	<	588.1	65.8	0.0	1268.0
4/30/2019	0.0	<	391.5	210.7	<	591.0	65.8	0.0	1263.0
5/31/2019	0.0	<	393.6	208.8	<	589.8	63.0	0.0	1258.5
6/30/2019	0.0	<	390.2	209.0	<	588.0	63.3	0.0	1254.6
7/31/2019	0.0	<	395.0	208.7	<	585.8	62.0	0.0	1254.9



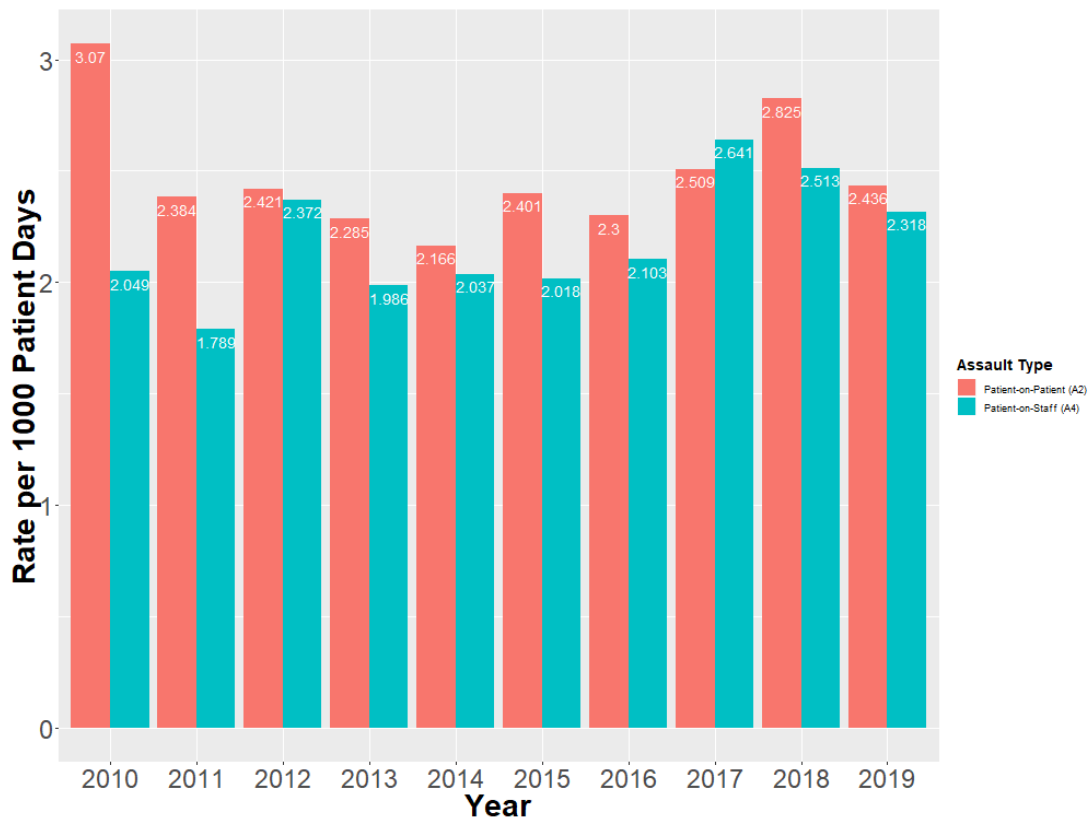
Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
8/31/2019	0.0	<11	401.0	208.4	<11	585.3	61.7	0.0	1259.3
9/30/2019	0.0	<11	402.2	207.1	<11	584.4	60.2	0.0	1256.5
10/31/2019	0.0	0.0	421.2	203.4	<11	582.5	60.0	0.0	1269.2
11/30/2019	0.0	0.0	427.5	201.1	<11	580.1	59.9	0.0	1270.5
12/31/2019	0.0	0.0	428.6	200.6	<11	583.5	58.6	0.0	1273.3

As can be seen, there were no CDCR 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 D.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Napa**



- ▶▶ While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults decreased 8.5% from the 2018 total (see Table IV.D.1), while the number of patient on staff assaults decreased by 8.6% from 2018 (see Table IV.D.2).
- ▶▶ Coupled with a population increase (measured in “total patient days”) in 2019 of 2.0%, the rate of patient on patient assault decreased 13.8% from 2018 (see Table IV.D.1), while the rate of patient on staff assault decreased 7.8% from 2018 (see Table IV.D.2).

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

**Table D.2**  
**DSH-Napa Yearly A2 Patient on Patient Assault Summary**

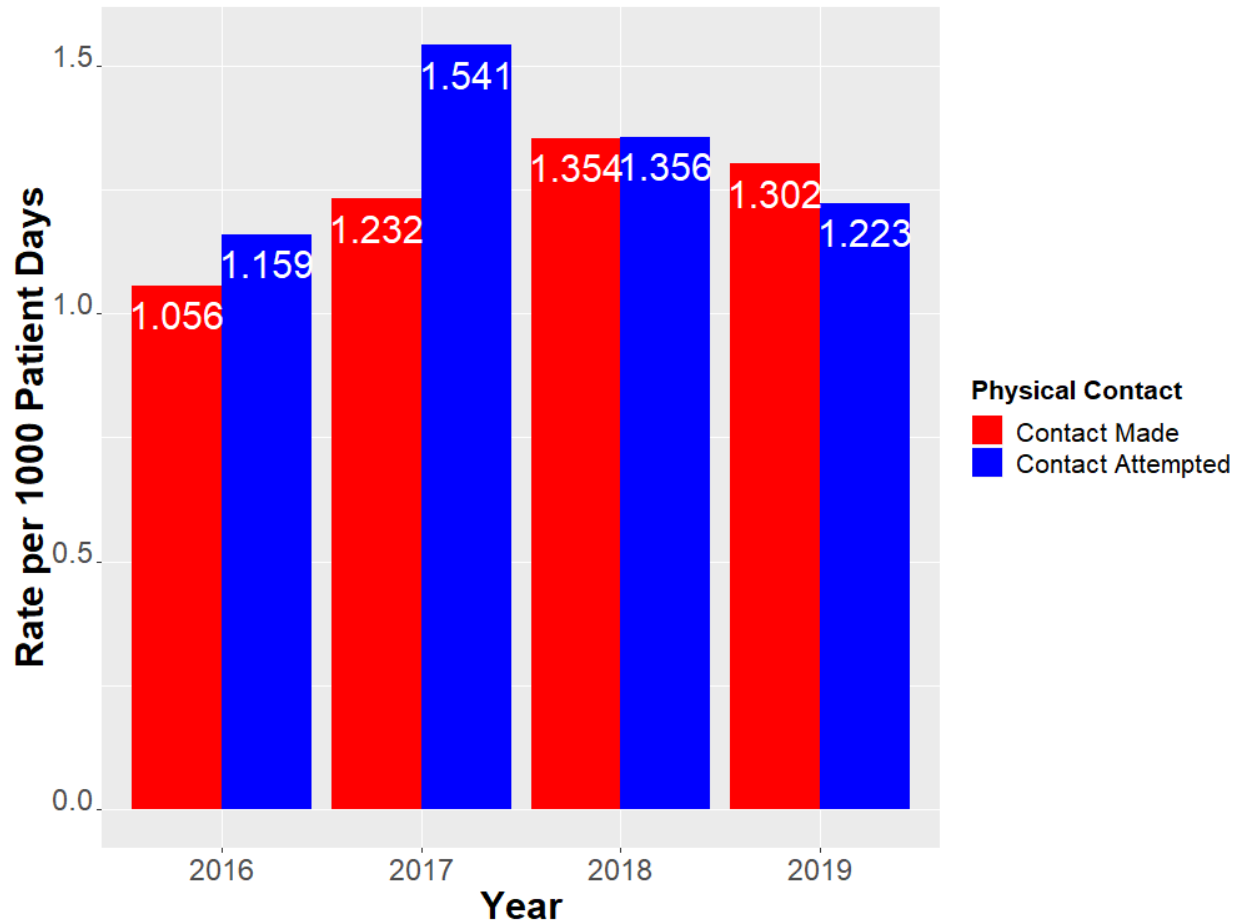
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1311	427063	3.07	NA
2011	1026	430457	2.384	-22.3
2012	1068	441062	2.421	1.6
2013	999	437112	2.285	-5.6
2014	939	433562	2.166	-5.2
2015	1055	439490	2.401	10.8
2016	1052	457470	2.3	-4.2
2017	1145	456309	2.509	9.1
2018	1314	465118	2.825	12.6
2019	1123	461076	2.436	-13.8

**Table D.3**  
**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	875	427063	2.049	NA
2011	770	430457	1.789	-12.7
2012	1046	441062	2.372	32.6
2013	868	437112	1.986	-16.3
2014	883	433562	2.037	2.6
2015	887	439490	2.018	-0.9
2016	962	457470	2.103	4.2
2017	1205	456309	2.641	25.6
2018	1169	465118	2.513	-4.8
2019	1069	461076	2.318	-7.8

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure D.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Napa**



**Table D.4**  
**DSH – Napa Staff Assaults – Physical Contact Made and Contact Attempted**

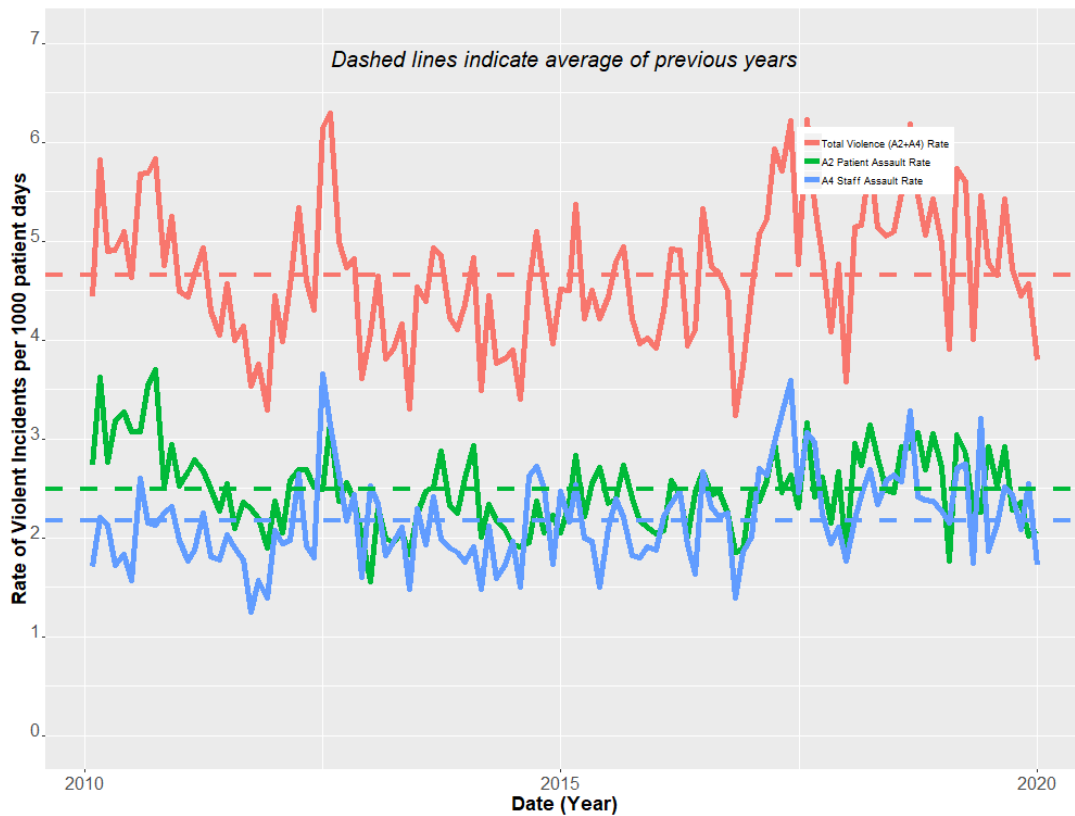
Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	451	427041	1.056	NA
2016	Contact Attempted	495	427041	1.159	NA
2017	Contact Made	529	429536	1.232	16.6
2017	Contact Attempted	662	429536	1.541	33
2018	Contact Made	575	424745	1.354	9.9
2018	Contact Attempted	576	424745	1.356	-12
2019	Contact Made	544	417873	1.302	-3.8
2019	Contact Attempted	511	417873	1.223	-9.8

As seen in the table and graph above, both categories saw decreases; the category of “Physical Contact Made” decreased by a rate of 3.8%, while the category of “Physical Contact Attempted” decreased by 9.8%.

## Monthly Rates

The previous barplot (Fig. D.1) showed the violence rates as an overall yearly average and did not show the monthly variability in the rates that occurs regularly. Two figures are shown below, the first being a plot of the violence rates on a monthly basis (Fig. D.3), and the second (Fig. D.4) 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). See [Appendix H](#) for more details of this method.

**Figure D.3**  
**DSH-Napa Monthly Rates of Violence per 1000 Patient Days**



## Trend of Monthly Rates

**Figure D.4**  
**DSH-Napa Trends of Monthly Rates of Violence per 1000 Patient Days**

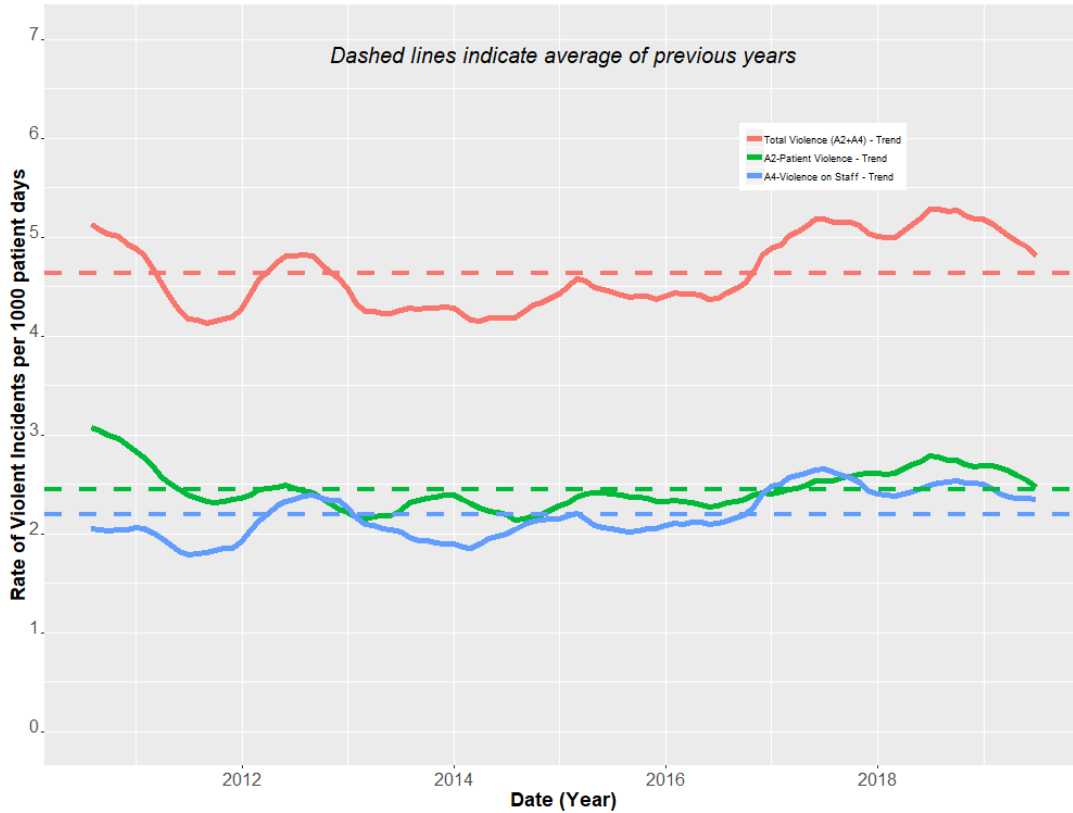


Figure D.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Napa. The dashed lines indicate the previous years (2010-2018) average rate for each category, for comparison with 2019. Again, for more details on the methodology of trending the monthly rates data, please refer to [Appendix H](#).

Table D.5 provides a yearly summary of the year-over-year changes in the assault rates.

**Table D.5**  
**DSH-Napa Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	2.730	1.710	4.440
2/28/2010	3.618	2.208	5.826
3/31/2010	2.770	2.133	4.903
4/30/2010	3.186	1.722	4.908
5/31/2010	3.268	1.828	5.095
6/30/2010	3.073	1.565	4.638
7/31/2010	3.075	2.604	5.679
8/31/2010	3.533	2.153	5.686
9/30/2010	3.695	2.132	5.827
10/31/2010	2.517	2.243	4.760
11/30/2010	2.936	2.315	5.251
12/31/2010	2.520	1.972	4.492
1/31/2011	2.665	1.768	4.433
2/28/2011	2.785	1.877	4.662
3/31/2011	2.682	2.244	4.926
4/30/2011	2.485	1.808	4.293
5/31/2011	2.270	1.778	4.048
6/30/2011	2.543	2.029	4.571
7/31/2011	2.093	1.898	3.991
8/31/2011	2.362	1.778	4.140
9/30/2011	2.290	1.244	3.534
10/31/2011	2.191	1.569	3.759
11/30/2011	1.896	1.394	3.290
12/31/2011	2.372	2.075	4.447
1/31/2012	2.049	1.941	3.990
2/29/2012	2.581	1.979	4.559
3/31/2012	2.694	2.640	5.333
4/30/2012	2.690	1.913	4.603
5/31/2012	2.515	1.792	4.307
6/30/2012	2.490	3.652	6.142
7/31/2012	3.161	3.134	6.295
8/31/2012	2.368	2.634	5.002
9/30/2012	2.560	2.175	4.735
10/31/2012	2.385	2.439	4.824
11/30/2012	2.014	1.601	3.615
12/31/2012	1.556	2.522	4.079
1/31/2013	2.307	2.334	4.640



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	1.993	1.814	3.807
3/31/2013	1.956	1.956	3.911
4/30/2013	2.053	2.108	4.161
5/31/2013	1.826	1.477	3.303
6/30/2013	2.242	2.298	4.540
7/31/2013	2.467	1.931	4.397
8/31/2013	2.517	2.410	4.927
9/30/2013	2.873	1.980	4.853
10/31/2013	2.328	1.895	4.222
11/30/2013	2.250	1.857	4.107
12/31/2013	2.604	1.755	4.359
1/31/2014	2.928	1.906	4.833
2/28/2014	2.006	1.482	3.488
3/31/2014	2.337	2.111	4.448
4/30/2014	2.170	1.591	3.761
5/31/2014	2.080	1.724	3.805
6/30/2014	1.932	1.960	3.893
7/31/2014	1.902	1.500	3.403
8/31/2014	1.951	2.619	4.569
9/30/2014	2.368	2.726	5.094
10/31/2014	2.049	2.502	4.551
11/30/2014	2.228	1.733	3.961
12/31/2014	2.046	2.471	4.517
1/31/2015	2.343	2.156	4.499
2/28/2015	2.835	2.537	5.372
3/31/2015	2.217	2.001	4.217
4/30/2015	2.547	1.959	4.506
5/31/2015	2.713	1.504	4.217
6/30/2015	2.344	2.096	4.440
7/31/2015	2.397	2.397	4.794
8/31/2015	2.734	2.203	4.938
9/30/2015	2.399	1.820	4.219
10/31/2015	2.168	1.793	3.961
11/30/2015	2.104	1.910	4.014
12/31/2015	2.041	1.880	3.921
1/31/2016	2.078	2.212	4.290
2/29/2016	2.577	2.347	4.924
3/31/2016	2.441	2.467	4.907
4/30/2016	2.010	1.931	3.941
5/31/2016	2.455	1.637	4.092
6/30/2016	2.663	2.663	5.325
7/31/2016	2.434	2.307	4.740

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	2.464	2.210	4.674
9/30/2016	2.251	2.251	4.501
10/31/2016	1.850	1.388	3.238
11/30/2016	1.882	1.856	3.738
12/31/2016	2.493	2.005	4.498
1/31/2017	2.369	2.703	5.072
2/28/2017	2.579	2.636	5.215
3/31/2017	2.964	2.964	5.928
4/30/2017	2.457	3.259	5.716
5/31/2017	2.633	3.588	6.222
6/30/2017	2.301	2.462	4.763
7/31/2017	3.164	3.060	6.224
8/31/2017	2.414	2.959	5.373
9/30/2017	2.614	2.240	4.854
10/31/2017	2.146	1.939	4.086
11/30/2017	2.665	2.105	4.770
12/31/2017	1.817	1.766	3.583
1/31/2018	2.951	2.188	5.139
2/28/2018	2.734	2.428	5.162
3/31/2018	3.136	2.685	5.821
4/30/2018	2.805	2.337	5.142
5/31/2018	2.477	2.578	5.054
6/30/2018	2.455	2.637	5.092
7/31/2018	2.924	2.571	5.495
8/31/2018	2.905	3.284	6.188
9/30/2018	3.064	2.410	5.474
10/31/2018	2.684	2.380	5.064
11/30/2018	3.054	2.370	5.424
12/31/2018	2.705	2.267	4.972
1/31/2019	1.764	2.148	3.912
2/28/2019	3.037	2.700	5.737
3/31/2019	2.849	2.748	5.597
4/30/2019	2.270	1.742	4.012
5/31/2019	2.256	3.204	5.460
6/30/2019	2.923	1.860	4.783
7/31/2019	2.519	2.134	4.653
8/31/2019	2.920	2.510	5.430
9/30/2019	2.282	2.441	4.722
10/31/2019	2.364	2.084	4.448
11/30/2019	2.020	2.545	4.565
12/31/2019	2.077	1.723	3.800

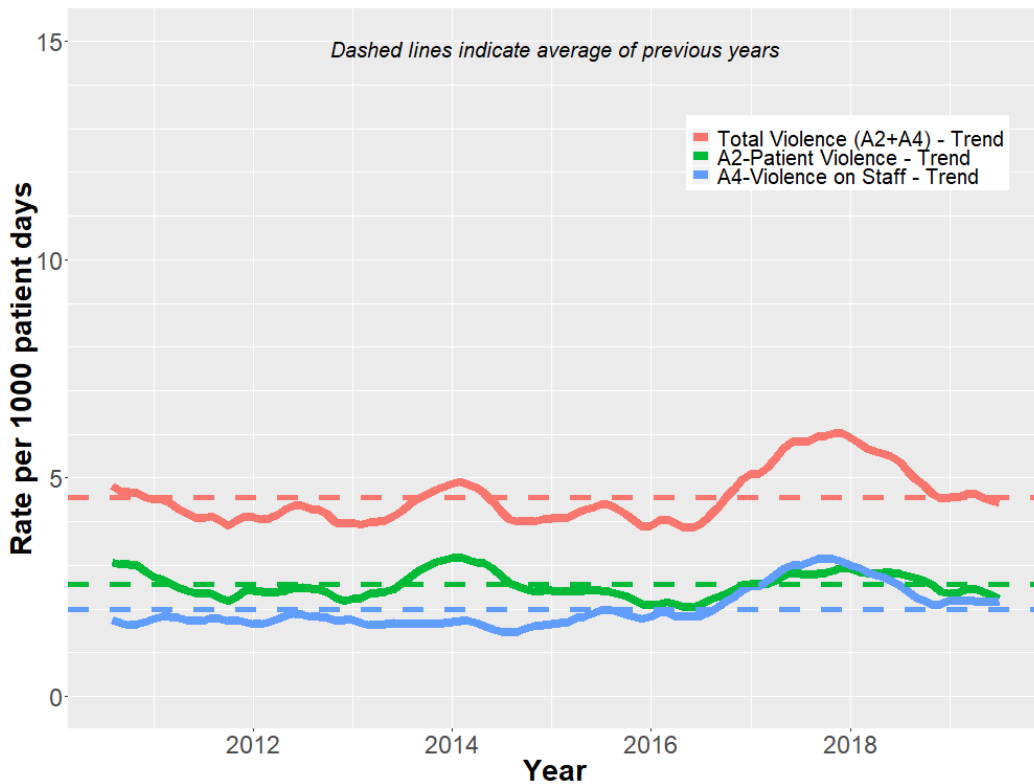
## Violence Rates by Major Legal Classes

### 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.

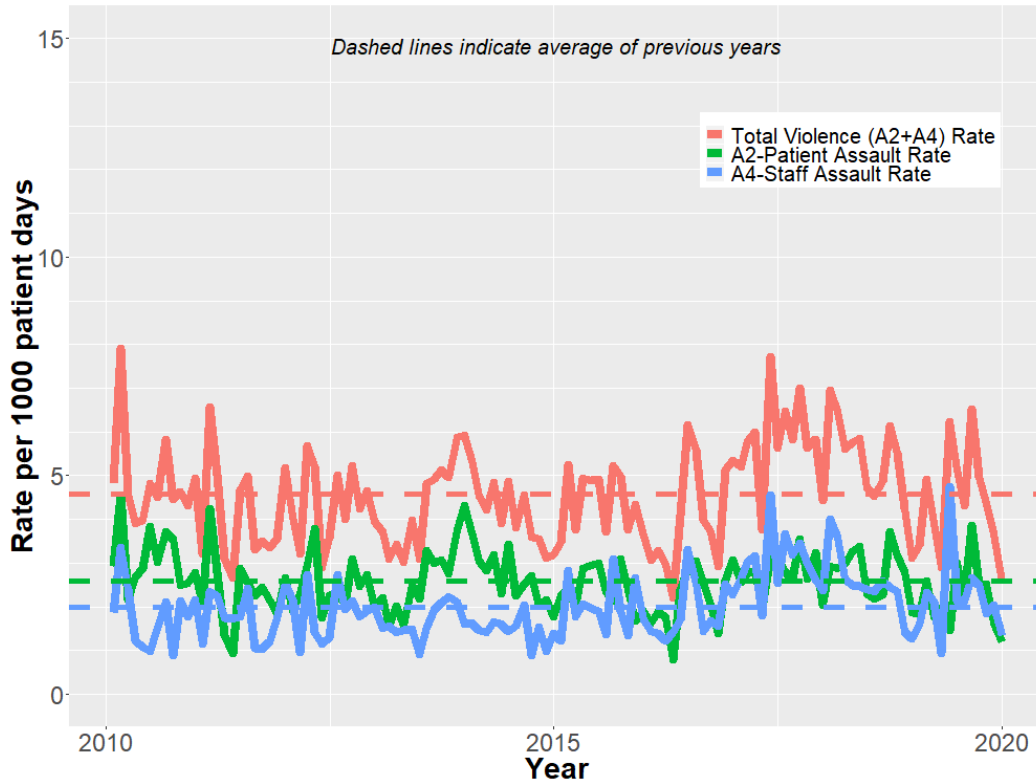
**Figure D.5**  
**Trends of Monthly Rates of Violence for IST's at DSH-Napa**



### 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 D.6**  
**Monthly Rates of Violence for IST's at DSH-Napa**



**Table D.6**  
**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
1/31/2010	2.932	1.876	4.808
2/28/2010	4.561	3.353	7.914
3/31/2010	2.162	2.402	4.563
4/30/2010	2.688	1.222	3.910
5/31/2010	2.888	1.083	3.972
6/30/2010	3.833	0.989	4.822
7/31/2010	3.012	1.506	4.519
8/31/2010	3.718	2.107	5.825
9/30/2010	3.561	0.890	4.451
10/31/2010	2.502	2.127	4.629
11/30/2010	2.545	1.781	4.326
12/31/2010	2.788	2.154	4.942
1/31/2011	2.053	1.155	3.207
2/28/2011	4.240	2.340	6.580
3/31/2011	2.776	2.247	5.022
4/30/2011	1.341	1.743	3.084
5/31/2011	0.929	1.725	2.654
6/30/2011	2.882	1.784	4.666
7/31/2011	2.562	2.428	4.990
8/31/2011	2.251	1.059	3.311
9/30/2011	2.455	1.034	3.489
10/31/2011	2.163	1.202	3.365
11/30/2011	1.840	1.718	3.558
12/31/2011	2.651	2.536	5.187
1/31/2012	1.925	2.151	4.076
2/29/2012	2.267	0.955	3.222
3/31/2012	2.959	2.732	5.691
4/30/2012	3.787	1.420	5.206
5/31/2012	1.740	1.160	2.900
6/30/2012	2.258	1.307	3.565
7/31/2012	2.277	2.733	5.010
8/31/2012	2.061	1.947	4.008
9/30/2012	3.082	2.133	5.215
10/31/2012	2.470	1.764	4.234
11/30/2012	2.737	1.904	4.642
12/31/2012	1.983	1.983	3.965
1/31/2013	2.200	1.506	3.706
2/28/2013	1.551	1.551	3.102

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	2.007	1.417	3.424
4/30/2013	1.574	1.453	3.027
5/31/2013	2.505	1.480	3.985
6/30/2013	2.182	0.919	3.101
7/31/2013	3.286	1.533	4.819
8/31/2013	2.993	1.924	4.917
9/30/2013	3.063	2.079	5.142
10/31/2013	2.752	2.223	4.975
11/30/2013	3.761	2.102	5.862
12/31/2013	4.308	1.616	5.924
1/31/2014	3.704	1.634	5.338
2/28/2014	3.055	1.467	4.522
3/31/2014	2.819	1.410	4.229
4/30/2014	3.195	1.653	4.848
5/31/2014	2.300	1.600	3.901
6/30/2014	3.421	1.452	4.873
7/31/2014	2.246	1.562	3.808
8/31/2014	2.525	2.039	4.564
9/30/2014	2.700	0.900	3.600
10/31/2014	2.008	1.530	3.538
11/30/2014	2.150	0.977	3.128
12/31/2014	1.777	1.403	3.180
1/31/2015	2.257	1.223	3.480
2/28/2015	2.403	2.840	5.243
3/31/2015	1.981	1.783	3.764
4/30/2015	2.877	2.055	4.932
5/31/2015	2.939	1.960	4.899
6/30/2015	3.005	1.903	4.907
7/31/2015	2.346	1.368	3.714
8/31/2015	2.130	3.098	5.228
9/30/2015	3.088	1.892	4.980
10/31/2015	2.408	1.349	3.757
11/30/2015	1.679	2.666	4.345
12/31/2015	1.903	1.713	3.616
1/31/2016	1.633	1.441	3.075
2/29/2016	1.897	1.397	3.294
3/31/2016	1.751	1.225	2.976
4/30/2016	0.792	1.408	2.200
5/31/2016	2.386	1.705	4.091
6/30/2016	2.853	3.299	6.152
7/31/2016	3.042	2.535	5.578

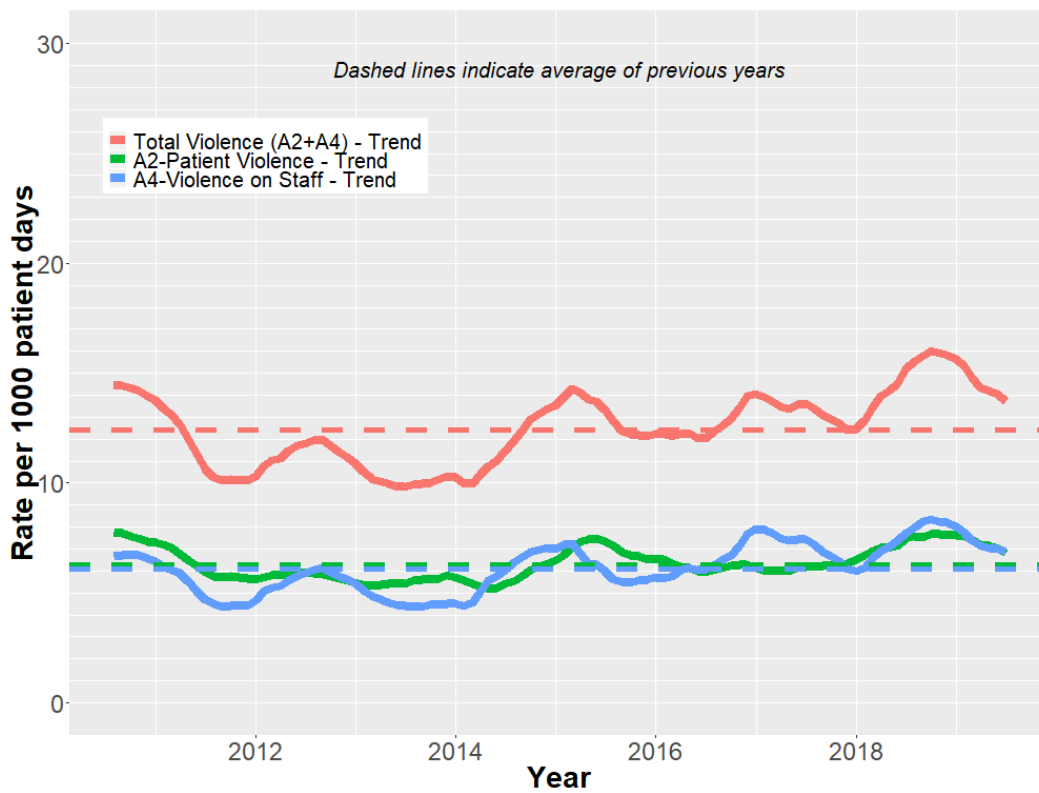
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	2.542	1.441	3.983
9/30/2016	2.039	1.685	3.724
10/31/2016	1.380	1.553	2.933
11/30/2016	2.605	2.515	5.120
12/31/2016	3.074	2.284	5.357
1/31/2017	2.563	2.651	5.214
2/28/2017	2.746	3.030	5.777
3/31/2017	2.830	3.174	6.004
4/30/2017	1.974	1.794	3.768
5/31/2017	3.158	4.561	7.719
6/30/2017	3.088	2.543	5.631
7/31/2017	2.796	3.669	6.465
8/31/2017	2.648	3.178	5.826
9/30/2017	3.546	3.455	7.001
10/31/2017	2.644	2.996	5.640
11/30/2017	3.233	2.604	5.837
12/31/2017	2.045	2.386	4.431
1/31/2018	2.927	4.014	6.941
2/28/2018	2.874	3.592	6.466
3/31/2018	2.968	2.647	5.615
4/30/2018	3.254	2.503	5.756
5/31/2018	3.379	2.472	5.851
6/30/2018	2.313	2.399	4.713
7/31/2018	2.180	2.342	4.522
8/31/2018	2.267	2.591	4.858
9/30/2018	3.707	2.443	6.149
10/31/2018	3.161	2.350	5.511
11/30/2018	2.805	1.445	4.250
12/31/2018	1.860	1.268	3.128
1/31/2019	1.832	1.582	3.413
2/28/2019	2.587	2.319	4.906
3/31/2019	1.787	2.112	3.899
4/30/2019	1.958	0.936	2.895
5/31/2019	1.475	4.753	6.228
6/30/2019	2.990	2.135	5.125
7/31/2019	2.205	2.123	4.328
8/31/2019	3.861	2.654	6.515
9/30/2019	2.486	2.486	4.972
10/31/2019	2.527	1.838	4.365
11/30/2019	1.638	2.027	3.665
12/31/2019	1.204	1.355	2.559

## 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 D.7**  
**Trends of Monthly Rates of Violence for LPS's at DSH-Napa**

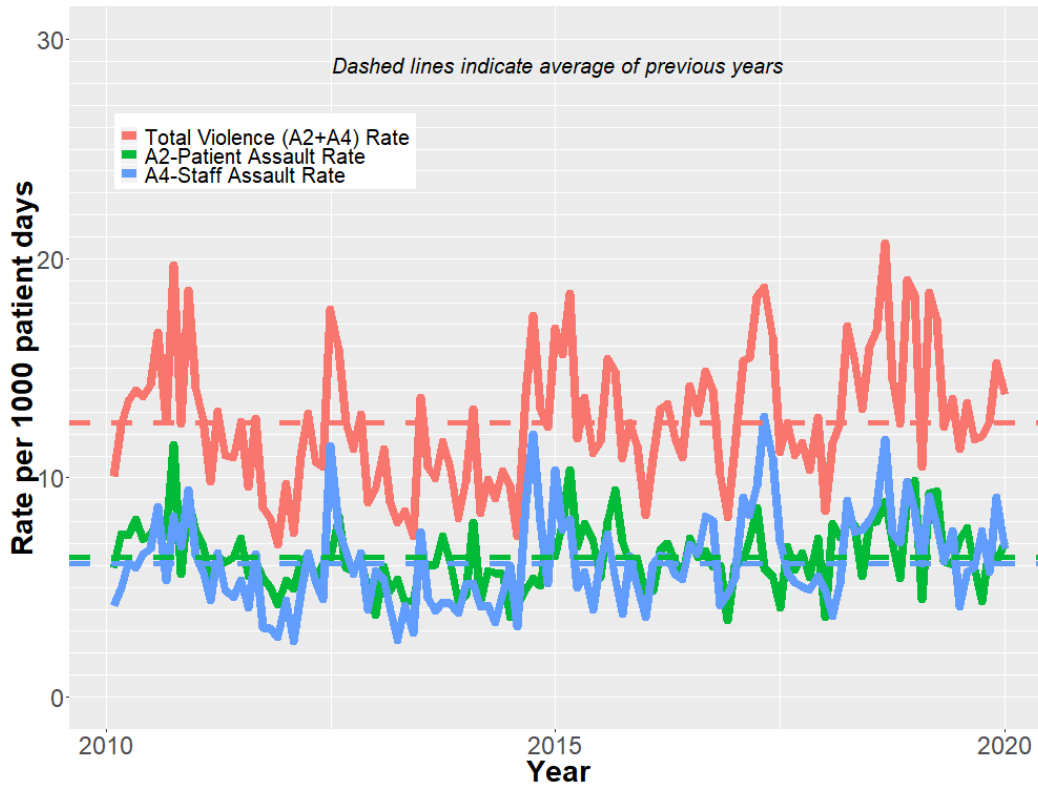




## Monthly Rates Data

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 D.8**  
**Monthly Rates of Violence for LPS's at DSH-Napa**



**Table D.7**  
**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
1/31/2010	5.889	4.157	10.047
2/28/2010	7.412	4.941	12.353
3/31/2010	7.385	6.154	13.540
4/30/2010	8.094	5.887	13.981
5/31/2010	7.189	6.505	13.694
6/30/2010	7.456	6.763	14.219
7/31/2010	7.993	8.659	16.653
8/31/2010	7.314	5.319	12.633
9/30/2010	11.484	8.228	19.712
10/31/2010	5.599	6.879	12.478
11/30/2010	9.117	9.448	18.565
12/31/2010	7.593	6.485	14.078
1/31/2011	6.929	5.724	12.653
2/28/2011	5.419	4.433	9.852
3/31/2011	6.444	6.594	13.038
4/30/2011	6.149	4.888	11.038
5/31/2011	6.365	4.546	10.911
6/30/2011	7.255	5.320	12.575
7/31/2011	5.515	4.097	9.612
8/31/2011	6.190	6.500	12.690
9/30/2011	5.423	3.190	8.612
10/31/2011	5.009	3.131	8.140
11/30/2011	4.213	2.754	6.967
12/31/2011	5.342	4.399	9.741
1/31/2012	4.921	2.540	7.460
2/29/2012	6.241	4.763	11.003
3/31/2012	6.405	6.554	12.960
4/30/2012	5.437	5.286	10.723
5/31/2012	6.032	4.452	10.484
6/30/2012	6.240	11.440	17.679
7/31/2012	8.229	7.662	15.891
8/31/2012	5.893	6.612	12.505
9/30/2012	5.741	5.594	11.335
10/31/2012	6.300	6.586	12.887
11/30/2012	4.886	3.998	8.884
12/31/2012	3.733	5.743	9.476
1/31/2013	5.955	5.374	11.329

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	4.845	4.037	8.882
3/31/2013	5.355	2.605	7.959
4/30/2013	4.315	4.167	8.482
5/31/2013	4.390	2.927	7.316
6/30/2013	6.148	7.532	13.680
7/31/2013	5.991	4.493	10.484
8/31/2013	6.048	3.931	9.979
9/30/2013	7.354	4.317	11.671
10/31/2013	6.194	4.288	10.483
11/30/2013	4.317	3.819	8.135
12/31/2013	4.663	5.146	9.809
1/31/2014	7.958	5.197	13.156
2/28/2014	4.295	4.116	8.411
3/31/2014	5.765	4.163	9.928
4/30/2014	5.652	3.391	9.042
5/31/2014	5.622	4.685	10.308
6/30/2014	3.636	6.007	9.643
7/31/2014	4.127	3.210	7.336
8/31/2014	4.905	8.890	13.795
9/30/2014	5.429	11.975	17.404
10/31/2014	5.094	8.027	13.121
11/30/2014	7.130	5.186	12.316
12/31/2014	6.444	10.372	16.816
1/31/2015	7.960	7.648	15.608
2/28/2015	10.336	8.096	18.432
3/31/2015	6.835	4.971	11.807
4/30/2015	7.933	5.712	13.644
5/31/2015	7.168	3.965	11.133
6/30/2015	5.448	6.227	11.675
7/31/2015	8.027	7.433	15.460
8/31/2015	9.451	5.401	14.851
9/30/2015	7.084	3.778	10.863
10/31/2015	6.116	6.422	12.538
11/30/2015	6.343	5.105	11.448
12/31/2015	4.687	3.629	8.316
1/31/2016	4.848	6.060	10.907
2/29/2016	6.646	6.479	13.125
3/31/2016	6.996	6.388	13.384
4/30/2016	6.197	5.593	11.790
5/31/2016	5.534	5.388	10.922
6/30/2016	7.244	6.949	14.193
7/31/2016	6.401	6.543	12.945

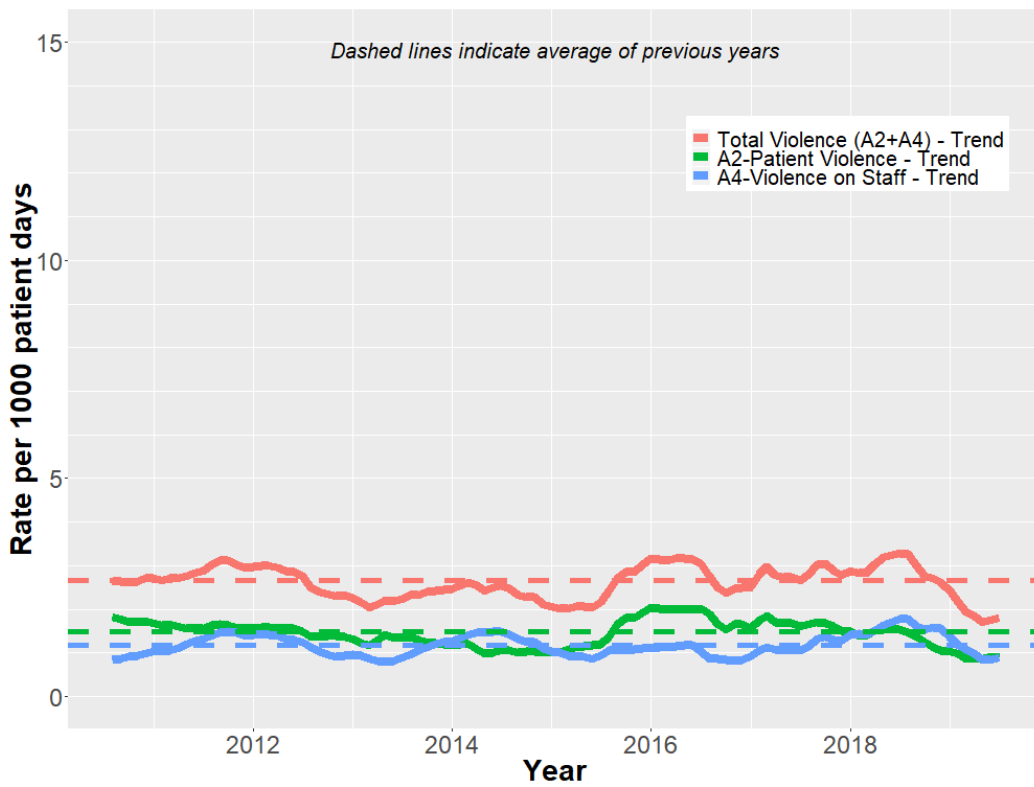
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	6.645	8.233	14.878
9/30/2016	5.944	8.078	14.022
10/31/2016	5.989	4.192	10.181
11/30/2016	3.491	4.705	8.195
12/31/2016	5.992	5.407	11.399
1/31/2017	6.231	9.129	15.360
2/28/2017	7.180	8.297	15.478
3/31/2017	8.614	9.636	18.251
4/30/2017	5.881	12.817	18.697
5/31/2017	5.520	10.895	16.415
6/30/2017	4.084	7.109	11.193
7/31/2017	6.844	5.654	12.498
8/31/2017	5.820	5.223	11.043
9/30/2017	6.559	5.034	11.592
10/31/2017	5.487	4.894	10.381
11/30/2017	7.225	5.534	12.759
12/31/2017	3.666	4.839	8.506
1/31/2018	7.931	3.672	11.602
2/28/2018	7.289	5.183	12.472
3/31/2018	7.941	8.971	16.912
4/30/2018	7.837	7.529	15.366
5/31/2018	5.525	7.615	13.140
6/30/2018	7.912	8.067	15.979
7/31/2018	7.995	8.749	16.745
8/31/2018	8.933	11.761	20.694
9/30/2018	6.996	7.463	14.459
10/31/2018	5.405	7.057	12.462
11/30/2018	9.208	9.822	19.030
12/31/2018	9.864	8.519	18.383
1/31/2019	4.445	6.075	10.520
2/28/2019	9.302	9.136	18.439
3/31/2019	9.393	7.878	17.270
4/30/2019	6.169	6.169	12.338
5/31/2019	6.027	7.572	13.599
6/30/2019	7.177	4.147	11.324
7/31/2019	7.729	5.720	13.449
8/31/2019	5.883	5.883	11.767
9/30/2019	4.346	7.565	11.911
10/31/2019	6.819	5.709	12.528
11/30/2019	6.133	9.117	15.249
12/31/2019	7.076	6.755	13.831

## DSH-Napa OMD'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.

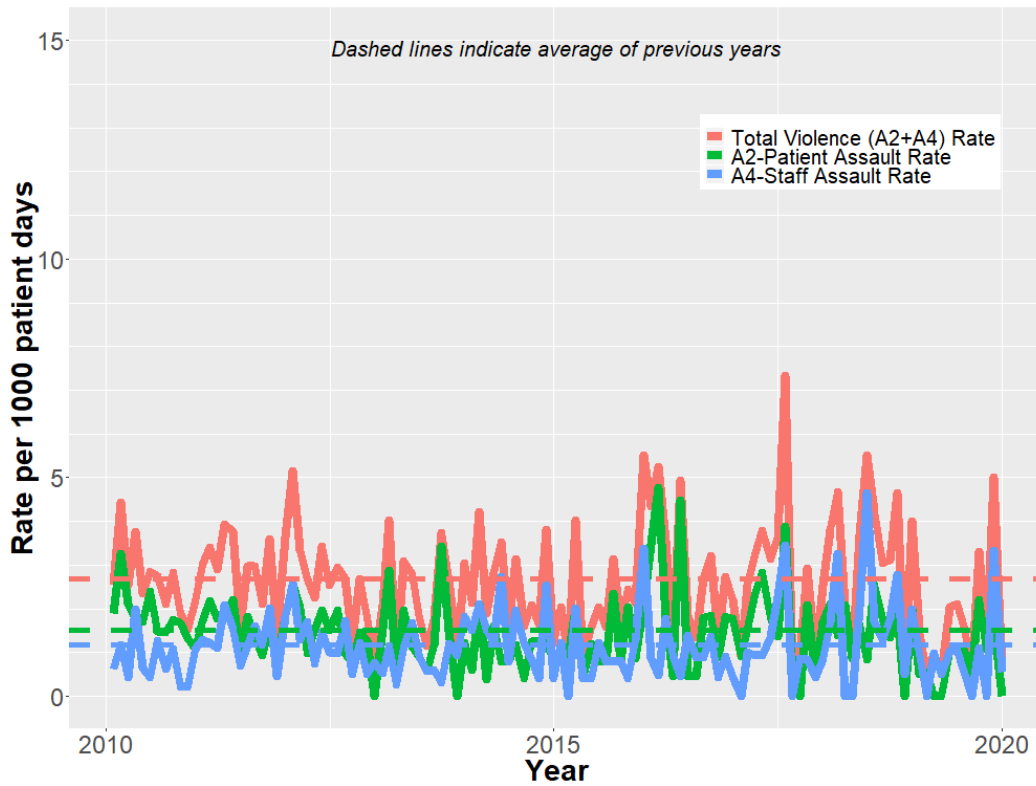
**Figure D.9**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Napa**



### 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 D.10**  
**Monthly Rates of Violence for OMD's at DSH-Napa**



**Table D.8**  
**DSH-Napa OMD Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	1.902	0.634	2.536
2/28/2010	3.264	1.166	4.430
3/31/2010	2.117	0.423	2.541
4/30/2010	1.774	1.996	3.769
5/31/2010	1.701	0.638	2.339
6/30/2010	2.405	0.437	2.843
7/31/2010	1.480	1.268	2.748
8/31/2010	1.471	0.631	2.102
9/30/2010	1.746	1.091	2.837
10/31/2010	1.689	0.211	1.900
11/30/2010	1.325	0.221	1.546
12/31/2010	1.079	1.079	2.157
1/31/2011	1.726	1.295	3.021
2/28/2011	2.186	1.214	3.401
3/31/2011	1.783	1.114	2.897
4/30/2011	1.851	2.083	3.934
5/31/2011	2.212	1.549	3.761
6/30/2011	0.917	0.687	1.604
7/31/2011	1.827	1.142	2.969
8/31/2011	1.370	1.599	2.969
9/30/2011	0.939	1.174	2.114
10/31/2011	1.569	2.017	3.587
11/30/2011	0.928	0.464	1.392
12/31/2011	1.825	1.825	3.650
1/31/2012	2.580	2.580	5.159
2/29/2012	2.058	1.286	3.344
3/31/2012	0.974	1.704	2.678
4/30/2012	1.508	0.754	2.262
5/31/2012	1.956	1.467	3.422
6/30/2012	1.522	1.015	2.537
7/31/2012	1.969	0.985	2.954
8/31/2012	0.984	1.722	2.707
9/30/2012	0.760	0.507	1.267
10/31/2012	1.467	1.222	2.689
11/30/2012	1.279	0.512	1.791
12/31/2012	0.000	0.769	0.769
1/31/2013	1.560	0.520	2.080
2/28/2013	2.879	1.151	4.030

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	0.523	0.261	0.784
4/30/2013	1.964	1.122	3.086
5/31/2013	1.127	1.691	2.818
6/30/2013	0.887	0.887	1.775
7/31/2013	0.581	0.581	1.162
8/31/2013	1.179	0.590	1.769
9/30/2013	3.428	0.312	3.739
10/31/2013	1.488	1.190	2.678
11/30/2013	0.000	0.938	0.938
12/31/2013	1.214	1.821	3.036
1/31/2014	0.607	1.518	2.126
2/28/2014	2.105	2.105	4.211
3/31/2014	0.377	1.508	1.885
4/30/2014	1.617	1.213	2.829
5/31/2014	0.782	2.738	3.520
6/30/2014	0.802	0.802	1.604
7/31/2014	1.182	1.970	3.152
8/31/2014	0.399	1.198	1.597
9/30/2014	1.247	0.831	2.078
10/31/2014	1.241	0.414	1.654
11/30/2014	1.268	2.537	3.805
12/31/2014	0.819	0.410	1.229
1/31/2015	0.819	1.229	2.048
2/28/2015	0.893	0.000	0.893
3/31/2015	2.009	2.009	4.018
4/30/2015	0.413	0.413	0.825
5/31/2015	1.195	0.398	1.593
6/30/2015	0.818	1.227	2.045
7/31/2015	0.796	0.796	1.591
8/31/2015	2.360	0.787	3.147
9/30/2015	0.822	0.822	1.644
10/31/2015	2.046	0.409	2.455
11/30/2015	0.858	1.288	2.146
12/31/2015	2.120	3.391	5.511
1/31/2016	3.478	0.870	4.348
2/29/2016	4.764	0.476	5.241
3/31/2016	1.775	1.775	3.551
4/30/2016	0.458	0.916	1.374
5/31/2016	4.480	0.448	4.928
6/30/2016	0.463	1.389	1.852
7/31/2016	0.447	0.894	1.340



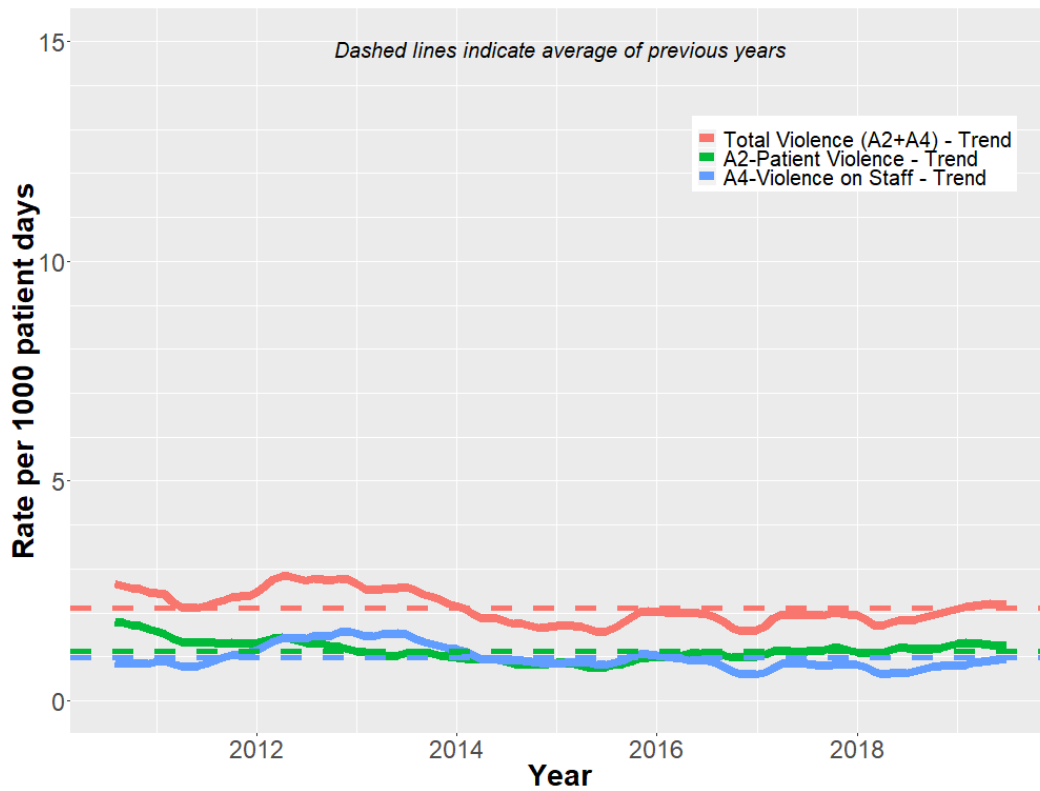
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	1.799	0.900	2.699
9/30/2016	1.838	1.379	3.217
10/31/2016	0.887	0.443	1.330
11/30/2016	1.821	0.910	2.731
12/31/2016	1.768	0.442	2.209
1/31/2017	0.906	0.000	0.906
2/28/2017	1.526	1.017	2.543
3/31/2017	2.318	0.927	3.245
4/30/2017	2.833	0.944	3.777
5/31/2017	1.795	1.346	3.140
6/30/2017	1.364	2.274	3.638
7/31/2017	3.878	3.447	7.324
8/31/2017	0.425	0.000	0.425
9/30/2017	0.000	0.866	0.866
10/31/2017	2.095	0.838	2.933
11/30/2017	0.436	0.436	0.871
12/31/2017	1.698	0.849	2.547
1/31/2018	2.122	1.698	3.820
2/28/2018	1.399	3.265	4.664
3/31/2018	2.095	0.000	2.095
4/30/2018	0.866	0.000	0.866
5/31/2018	1.640	2.050	3.690
6/30/2018	0.847	4.659	5.506
7/31/2018	2.539	1.693	4.232
8/31/2018	1.744	1.308	3.051
9/30/2018	1.340	1.787	3.126
10/31/2018	1.862	2.793	4.655
11/30/2018	0.000	0.513	0.513
12/31/2018	2.000	2.000	4.000
1/31/2019	0.496	0.993	1.489
2/28/2019	0.554	0.000	0.554
3/31/2019	0.000	0.980	0.980
4/30/2019	0.000	0.507	0.507
5/31/2019	1.024	1.024	2.048
6/30/2019	1.053	1.053	2.105
7/31/2019	1.041	0.520	1.561
8/31/2019	0.523	0.000	0.523
9/30/2019	2.214	1.107	3.320
10/31/2019	1.075	0.000	1.075
11/30/2019	1.670	3.341	5.011
12/31/2019	0.000	0.551	0.551

## 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.

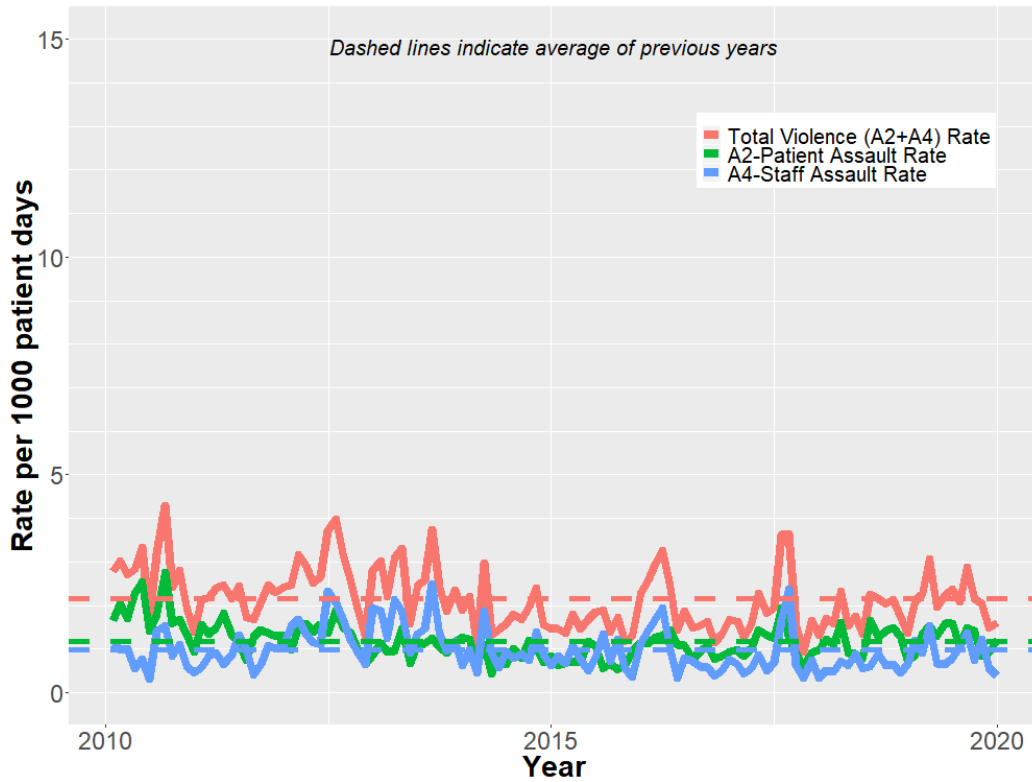
**Figure D.11**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Napa**



## 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 D.12**  
**Monthly Rates of Violence for NGRI's at DSH-Napa**



**Table D.9**  
**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
1/31/2010	1.661	1.127	2.788
2/28/2010	2.030	0.982	3.012
3/31/2010	1.710	1.002	2.712
4/30/2010	2.267	0.551	2.819
5/31/2010	2.551	0.771	3.322
6/30/2010	1.410	0.307	1.717
7/31/2010	1.766	1.413	3.180
8/31/2010	2.767	1.531	4.298
9/30/2010	1.575	0.848	2.423
10/31/2010	1.689	1.107	2.796
11/30/2010	1.325	0.602	1.927
12/31/2010	0.927	0.464	1.391
1/31/2011	1.561	0.578	2.138
2/28/2011	1.343	0.832	2.175
3/31/2011	1.490	0.917	2.408
4/30/2011	1.832	0.650	2.481
5/31/2011	1.312	0.856	2.167
6/30/2011	1.132	1.311	2.443
7/31/2011	0.751	0.982	1.732
8/31/2011	1.277	0.406	1.684
9/30/2011	1.433	0.657	2.090
10/31/2011	1.377	1.090	2.466
11/30/2011	1.303	1.007	2.311
12/31/2011	1.329	1.098	2.426
1/31/2012	0.981	1.501	2.482
2/29/2012	1.485	1.670	3.155
3/31/2012	1.575	1.341	2.916
4/30/2012	1.380	1.140	2.520
5/31/2012	1.558	1.096	2.654
6/30/2012	1.378	2.336	3.714
7/31/2012	1.898	2.071	3.969
8/31/2012	1.489	1.661	3.150
9/30/2012	1.368	1.189	2.557
10/31/2012	0.977	0.920	1.897
11/30/2012	0.653	0.653	1.306
12/31/2012	0.858	1.944	2.802
1/31/2013	1.137	1.876	3.013
2/28/2013	0.941	1.255	2.196

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	0.955	2.136	3.091
4/30/2013	1.456	1.863	3.319
5/31/2013	0.677	0.902	1.579
6/30/2013	1.104	1.337	2.441
7/31/2013	1.130	1.469	2.598
8/31/2013	1.247	2.494	3.741
9/30/2013	1.062	1.357	2.419
10/31/2013	0.911	0.968	1.879
11/30/2013	1.175	1.175	2.351
12/31/2013	1.264	0.632	1.896
1/31/2014	1.214	0.983	2.197
2/28/2014	0.644	0.451	1.095
3/31/2014	1.110	1.869	2.978
4/30/2014	0.423	0.906	1.329
5/31/2014	0.867	0.578	1.445
6/30/2014	0.648	0.943	1.591
7/31/2014	1.016	0.790	1.806
8/31/2014	0.786	0.898	1.684
9/30/2014	1.210	0.749	1.958
10/31/2014	1.005	1.396	2.401
11/30/2014	0.693	0.866	1.559
12/31/2014	0.839	0.615	1.455
1/31/2015	0.617	0.841	1.458
2/28/2015	0.683	0.683	1.366
3/31/2015	0.732	1.070	1.802
4/30/2015	0.702	0.761	1.463
5/31/2015	1.182	0.506	1.688
6/30/2015	1.045	0.812	1.857
7/31/2015	0.559	1.341	1.900
8/31/2015	0.669	0.724	1.393
9/30/2015	0.521	1.217	1.738
10/31/2015	0.618	0.561	1.179
11/30/2015	0.939	0.352	1.291
12/31/2015	1.136	1.136	2.273
1/31/2016	1.136	1.421	2.557
2/29/2016	1.261	1.682	2.943
3/31/2016	1.326	1.933	3.259
4/30/2016	1.430	1.030	2.460
5/31/2016	1.100	0.330	1.430
6/30/2016	1.071	0.789	1.861
7/31/2016	0.766	0.711	1.477
8/31/2016	0.926	0.599	1.525

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
9/30/2016	1.074	0.565	1.639
10/31/2016	0.764	0.382	1.146
11/30/2016	0.845	0.507	1.353
12/31/2016	0.927	0.763	1.690
1/31/2017	0.981	0.654	1.634
2/28/2017	0.852	0.426	1.278
3/31/2017	0.996	0.553	1.550
4/30/2017	1.430	0.858	2.288
5/31/2017	1.322	0.496	1.817
6/30/2017	1.258	0.686	1.944
7/31/2017	1.943	1.666	3.609
8/31/2017	1.272	2.379	3.651
9/30/2017	0.911	0.626	1.537
10/31/2017	0.607	0.331	0.938
11/30/2017	0.913	0.742	1.654
12/31/2017	0.995	0.332	1.326
1/31/2018	1.214	0.497	1.711
2/28/2018	1.102	0.490	1.592
3/31/2018	1.599	0.717	2.315
4/30/2018	0.907	0.624	1.531
5/31/2018	0.877	0.877	1.755
6/30/2018	0.788	0.563	1.351
7/31/2018	1.645	0.603	2.248
8/31/2018	1.266	0.881	2.147
9/30/2018	1.422	0.626	2.048
10/31/2018	1.476	0.656	2.133
11/30/2018	1.300	0.452	1.752
12/31/2018	0.713	0.658	1.371
1/31/2019	0.876	1.204	2.080
2/28/2019	1.338	0.912	2.250
3/31/2019	1.536	1.536	3.072
4/30/2019	1.297	0.677	1.974
5/31/2019	1.586	0.656	2.242
6/30/2019	1.587	0.794	2.381
7/31/2019	1.046	1.046	2.092
8/31/2019	1.488	1.378	2.866
9/30/2019	1.426	0.742	2.168
10/31/2019	0.831	1.218	2.049
11/30/2019	0.919	0.575	1.494
12/31/2019	1.216	0.387	1.603

## Appendix E: 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 2010-2019, 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, OMD'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 E.1**  
**DSH-Patton Monthly ADC, By Legal Commitment**

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2010	23.7	<	497.7	105.2	14.7	540.0	393.7	<	1579.0
2/28/2010	21.4	<	502.8	103.9	13.4	541.4	396.9	<	1583.7
3/31/2010	22.1	<	493.2	105.7	13.0	545.4	397.0	<	1580.0
4/30/2010	26.9	<	499.6	105.2	13.0	545.6	399.2	<	1593.5
5/31/2010	28.0	<	490.9	103.2	13.0	546.6	402.0	<	1587.8
6/30/2010	26.0	<	487.1	103.4	13.0	547.9	404.3	<	1584.8
7/31/2010	27.7	<	476.0	103.1	13.0	550.9	405.0	<	1579.8
8/31/2010	27.9	<	474.9	101.1	13.0	552.7	406.0	<	1579.7
9/30/2010	26.8	<	470.9	98.4	13.0	553.5	402.0	<	1568.7
10/31/2010	22.5	<	461.0	101.6	13.0	557.4	400.0	<	1560.0
11/30/2010	20.1	<	455.7	102.2	14.0	560.5	397.3	<	1553.6
12/31/2010	21.0	<	450.2	100.7	15.0	563.1	400.3	<	1553.3
1/31/2011	17.8	<	455.6	98.2	15.0	568.0	402.1	<	1559.7
2/28/2011	15.3	<	451.4	98.4	15.0	562.3	401.6	<	1547.0
3/31/2011	13.7	<	432.6	98.3	15.0	562.1	402.3	<	1527.0
4/30/2011	16.8	<	433.0	95.7	15.0	560.5	397.5	<	1522.5
5/31/2011	15.8	<	459.8	93.4	14.1	557.9	395.4	<	1539.4
6/30/2011	13.5	<	458.9	96.1	14.0	559.2	392.1	<	1536.9
7/31/2011	16.7	<	467.5	97.7	14.0	560.2	391.5	<	1552.5
8/31/2011	17.7	<	460.8	97.2	14.5	560.8	394.8	<	1549.7
9/30/2011	22.2	<	460.0	100.1	14.7	559.9	396.2	<	1557.2
10/31/2011	23.1	<	456.9	101.3	14.0	562.9	394.6	<	1557.3
11/30/2011	20.2	<	452.0	103.4	14.0	569.6	392.4	<	1555.6
12/31/2011	21.5	<	451.7	104.8	14.0	565.9	391.9	<	1553.7
1/31/2012	17.6	<	451.8	105.1	14.0	566.0	393.6	<	1552.1
2/29/2012	15.8	<	464.8	105.5	14.0	562.4	392.8	<	1560.1
3/31/2012	11.8	<	467.2	107.3	14.0	560.8	387.2	<	1552.6
4/30/2012	<	<	478.1	109.5	14.0	556.4	385.0	<	1556.5
5/31/2012	<	<	480.3	110.5	14.0	557.3	383.6	<	1558.3
6/30/2012	11.6	<	479.4	111.3	14.0	559.9	382.0	<	1562.0
7/31/2012	11.4	<	481.0	113.9	14.0	558.9	382.2	<	1564.4
8/31/2012	8.4	<	485.4	114.8	13.3	557.9	382.8	<	1565.6
9/30/2012	<	<	486.2	114.7	13.0	562.6	382.6	<	1569.1
10/31/2012	<	<	488.8	113.1	13.0	565.8	379.8	<	1569.0
11/30/2012	<	<	479.5	114.8	13.0	565.9	381.0	<	1562.2
12/31/2012	<	<	476.4	115.7	13.0	566.8	380.4	<	1560.4



Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
1/31/2013	<	<	485.1	117.4	13.0	567.7	379.4	<	1570.1
2/28/2013	<	<	482.3	115.7	13.0	570.3	376.9	<	1565.2
3/31/2013	<	<	479.2	113.4	13.0	570.8	377.2	<	1560.6
4/30/2013	<	<	483.1	111.3	13.0	573.8	379.8	<	1568.2
5/31/2013	<	<	482.3	112.8	13.0	569.4	379.9	<	1563.8
6/30/2013	<	<	488.5	111.7	13.0	566.2	378.2	<	1564.0
7/31/2013	<	<	494.0	109.8	13.0	563.8	376.6	<	1564.0
8/31/2013	<	<	489.7	109.3	13.0	567.4	378.4	<	1563.8
9/30/2013	<	<	477.9	109.1	12.7	569.6	382.1	<	1557.6
10/31/2013	<	<	474.9	108.0	12.0	576.9	378.8	<	1556.6
11/30/2013	<	<	479.7	106.5	12.0	575.0	372.1	<	1551.2
12/31/2013	<	<	482.1	104.2	12.0	572.4	371.4	<	1548.0
1/31/2014	<	<	482.0	103.2	12.0	573.2	373.2	<	1549.7
2/28/2014	<	<	484.5	102.4	12.0	573.6	375.4	<	1553.8
3/31/2014	<	<	493.6	105.2	12.0	575.3	368.7	<	1561.5
4/30/2014	<	<	505.2	106.1	12.0	578.3	357.3	<	1565.6
5/31/2014	<	<	505.9	105.5	12.0	579.4	355.6	<	1564.5
6/30/2014	<	<	515.9	102.0	12.0	576.1	342.4	<	1554.4
7/31/2014	<	<	525.5	102.2	12.0	574.2	335.4	<	1556.3
8/31/2014	<	<	522.4	104.7	12.0	573.3	330.7	<	1550.0
9/30/2014	<	<	527.6	106.3	12.0	574.1	324.6	<	1551.2
10/31/2014	<	<	523.9	108.7	12.0	578.4	325.6	<	1553.5
11/30/2014	<	<	525.6	111.3	12.0	577.3	314.4	<	1544.7
12/31/2014	<	<	524.7	111.2	12.0	577.2	314.2	<	1543.9
1/31/2015	<	<	520.3	111.6	12.0	580.9	316.4	<	1545.8
2/28/2015	<	<	517.9	114.0	11.6	582.8	314.3	<	1544.6
3/31/2015	<	<	516.5	118.6	11.0	584.3	311.9	<	1546.3
4/30/2015	<	<	526.2	118.8	<	581.5	307.5	<	1548.5
5/31/2015	<	<	544.5	117.8	<	581.2	296.3	<	1551.8
6/30/2015	<	<	551.5	118.1	<	584.6	286.9	<	1552.2
7/31/2015	<	<	561.0	117.1	<	582.2	283.6	<	1554.9
8/31/2015	<	<	563.8	113.7	<	579.2	283.1	<	1551.7
9/30/2015	<	<	566.3	113.5	<	578.9	284.6	<	1554.7
10/31/2015	<	<	568.8	114.7	<	571.6	285.5	<	1551.7
11/30/2015	<	<	572.2	116.8	<	572.9	282.6	<	1555.5
12/31/2015	<	<	575.6	118.4	<	575.1	282.7	<	1562.8
1/31/2016	<	<	576.4	120.5	<	576.0	283.2	<	1566.9
2/29/2016	<	<	573.0	123.4	<	574.8	281.5	<	1562.7
3/31/2016	<	<	586.5	119.2	<	573.4	280.7	<	1569.4
4/30/2016	0.0	<	588.3	120.1	<	571.2	280.5	<	1569.1

Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
5/31/2016	<	<	588.5	117.2	<	570.6	282.4	<	1567.7
6/30/2016	<	<	588.1	114.7	<	573.0	283.8	<	1567.9
7/31/2016	<	<	585.7	113.8	<	572.5	281.8	<	1562.7
8/31/2016	<	<	586.7	113.9	<	572.1	280.6	<	1562.3
9/30/2016	<	<	582.8	114.1	<	571.5	282.2	<	1559.7
10/31/2016	<	<	592.0	110.5	<	566.4	280.1	<	1557.9
11/30/2016	<	<	593.9	105.9	<	565.4	278.2	<	1552.4
12/31/2016	<	<	597.9	108.1	<	559.0	276.1	<	1551.1
1/31/2017	<	<	607.5	107.1	<	555.0	273.1	<	1551.8
2/28/2017	<	<	608.5	105.9	<	556.4	274.6	<	1554.4
3/31/2017	<	<	601.6	109.1	<	556.9	273.7	<	1550.4
4/30/2017	<	<	590.5	115.3	<	553.4	276.9	<	1546.2
5/31/2017	<	<	583.1	118.7	<	551.2	277.9	<	1541.0
6/30/2017	<	<	582.3	121.9	<	551.9	280.8	<	1547.1
7/31/2017	<	<	567.1	121.8	<	556.1	287.8	<	1542.9
8/31/2017	<	<	562.8	121.5	<	555.3	290.3	<	1549.1
9/30/2017	<	<	559.9	126.5	<	559.1	293.2	<	1558.2
10/31/2017	<	<	542.8	129.5	<	561.8	298.8	<	1553.2
11/30/2017	<	<	524.7	132.3	<	559.7	300.5	<	1536.5
12/31/2017	<	<	525.5	130.0	<	561.1	305.3	<	1538.5
1/31/2018	<	<	518.7	134.2	<	562.4	309.1	<	1540.6
2/28/2018	12.4	<	501.6	138.1	<	560.8	313.3	<	1535.2
3/31/2018	15.5	<	492.4	139.7	<	564.7	307.9	<	1529.1
4/30/2018	20.0	<	483.8	141.2	<	565.1	307.2	<	1526.4
5/31/2018	20.3	<	482.4	138.4	<	565.3	306.4	<	1521.9
6/30/2018	23.1	<	478.8	139.9	<	569.8	309.1	<	1529.6
7/31/2018	24.9	<	474.5	147.5	<	570.6	305.0	<	1530.6
8/31/2018	23.6	<	481.8	152.1	<	569.2	303.9	<	1538.6
9/30/2018	19.4	<	480.4	158.1	<	570.6	298.7	<	1535.2
10/31/2018	11.6	<	467.8	163.9	<	567.7	292.2	<	1510.6
11/30/2018	<	<	477.6	169.3	<	566.5	290.6	<	1520.8
12/31/2018	<	<	481.4	171.6	<	569.6	291.9	<	1529.7
1/31/2019	<	<	481.0	177.7	<	563.7	298.9	<	1534.2
2/28/2019	<	<	480.1	179.8	<	559.0	298.9	<	1529.0
3/31/2019	<	<	476.6	186.6	<	558.4	299.1	<	1530.7
4/30/2019	<	<	469.6	193.0	<	558.6	305.1	<	1536.1
5/31/2019	<	<	462.3	195.3	<	559.6	312.7	<	1540.6
6/30/2019	<	<	456.5	192.6	<	557.6	314.5	<	1533.9
7/31/2019	<	<	457.4	193.4	<	556.4	318.4	<	1538.7

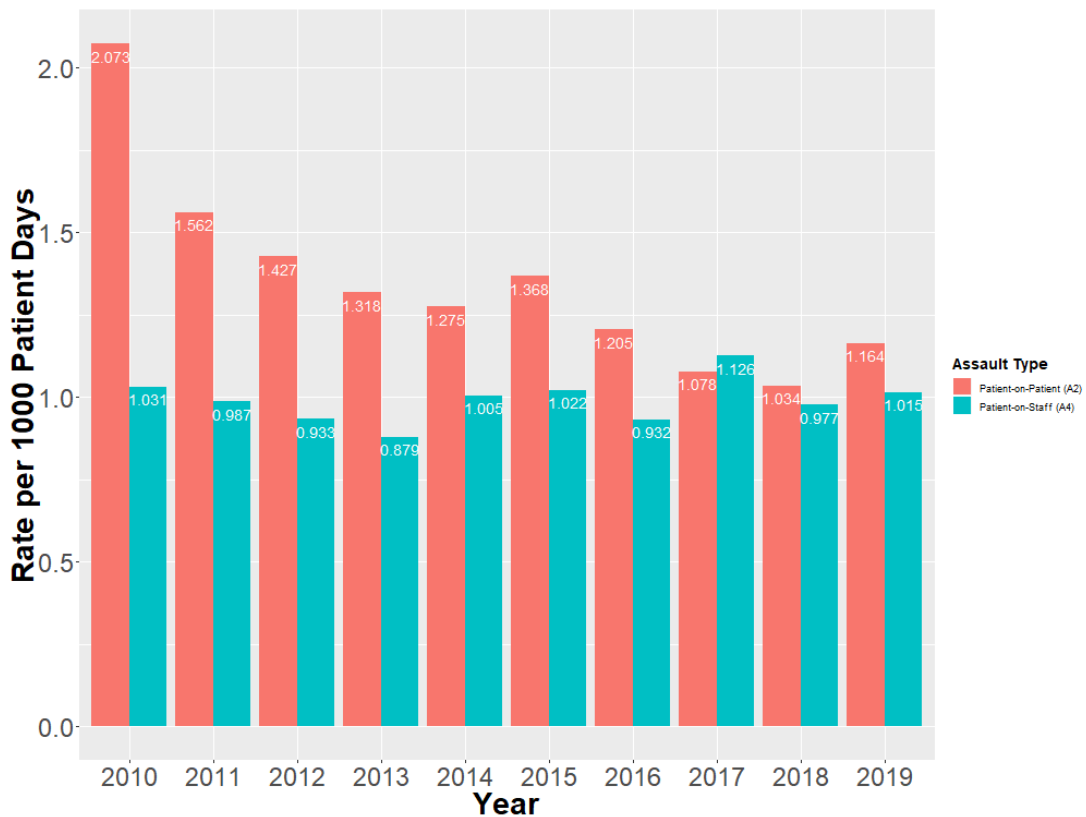
Date	CDCR	DJJ	IST	LPS	MDSO	NGI	OMD	SVP	Total Population
8/31/2019	<11	<11	448.2	199.7	<11	553.2	325.6	<11	1541.1
9/30/2019	13.0	<11	440.2	201.8	<11	549.5	332.1	<11	1540.6
10/31/2019	16.9	<11	438.5	204.1	<11	551.3	333.1	<11	1547.9
11/30/2019	17.7	<11	436.5	206.2	<11	548.0	335.1	<11	1547.5
12/31/2019	17.6	<11	436.9	207.1	<11	546.6	333.0	<11	1545.1

As can be seen the number of DJJ, MDSO, CDCR, 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 E.1**  
**Yearly Rates of Violent Incidents, per 1000 Patient Days, at DSH-Patton**



- ▶▶ While percentages vary across different legal classes, overall, in 2019 the number of patient on patient assaults increased 13.3% from the 2018 total (see Table IV.E.1), while the number of patient on staff assaults increased by 4.6% from 2018 (see Table IV.E.2).
- ▶▶ Coupled with a population increase (measured in “total patient days”) in 2019 of 0.6%, the rate of patient on patient assault increased 12.6% from 2018 (see Table IV.E.1), while the rate of patient on staff assault increased 3.9% from 2018 (see Table IV.E.2).

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

**Table E.2**  
**DSH-Patton Yearly A2 Patient on Patient Assault Summary**

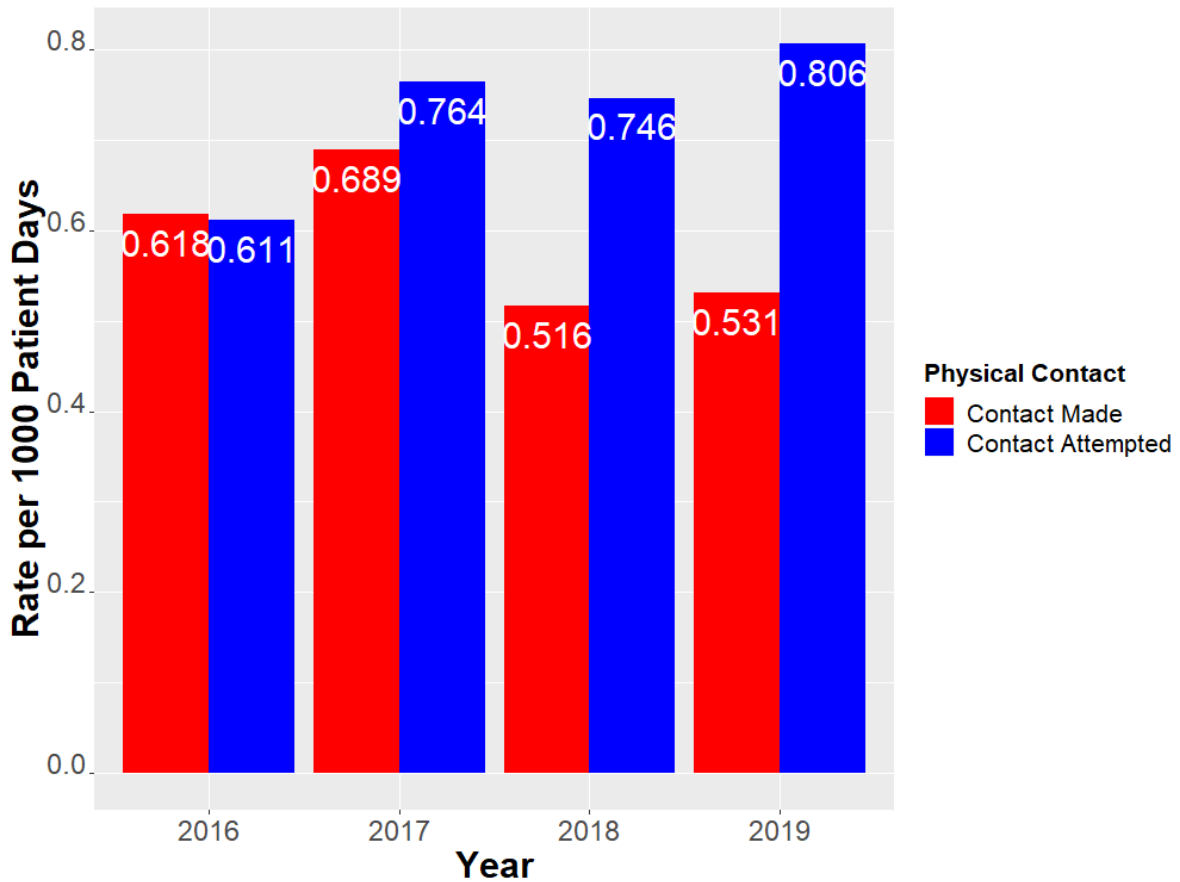
YEAR	A2 PATIENT ON PATIENT ASSAULTS	TOTAL PATIENT DAYS	RATE PER 1000 DAYS	CHANGE FROM PREVIOUS YEAR (%)
2010	1192	574958	2.073	NA
2011	882	564493	1.562	-24.7
2012	815	571324	1.427	-8.6
2013	751	569788	1.318	-7.6
2014	723	567247	1.275	-3.3
2015	775	566388	1.368	7.3
2016	689	571873	1.205	-11.9
2017	609	564799	1.078	-10.5
2018	577	558078	1.034	-4.1
2019	654	561681	1.164	12.6

**Table E.3**  
**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	593	574958	1.031	NA
2011	557	564493	0.987	-4.3
2012	533	571324	0.933	-5.5
2013	501	569788	0.879	-5.8
2014	570	567247	1.005	14.3
2015	579	566388	1.022	1.7
2016	533	571873	0.932	-8.8
2017	636	564799	1.126	20.8
2018	545	558078	0.977	-13.2
2019	570	561681	1.015	3.9

The following chart and table provide further information into the types of staff assaults (Physical Contact-Made and Physical Contact-Attempted), information that has routinely been collected on staff assaults since 2016.

**Figure E.2**  
**Yearly Rates of Staff Assault, Contact Made or Attempted, per 1000 Patient Days, at DSH-Patton**



**Table E.4**  
**DSH – Patton Staff Assaults – Physical Contact Made and Contact Attempted**

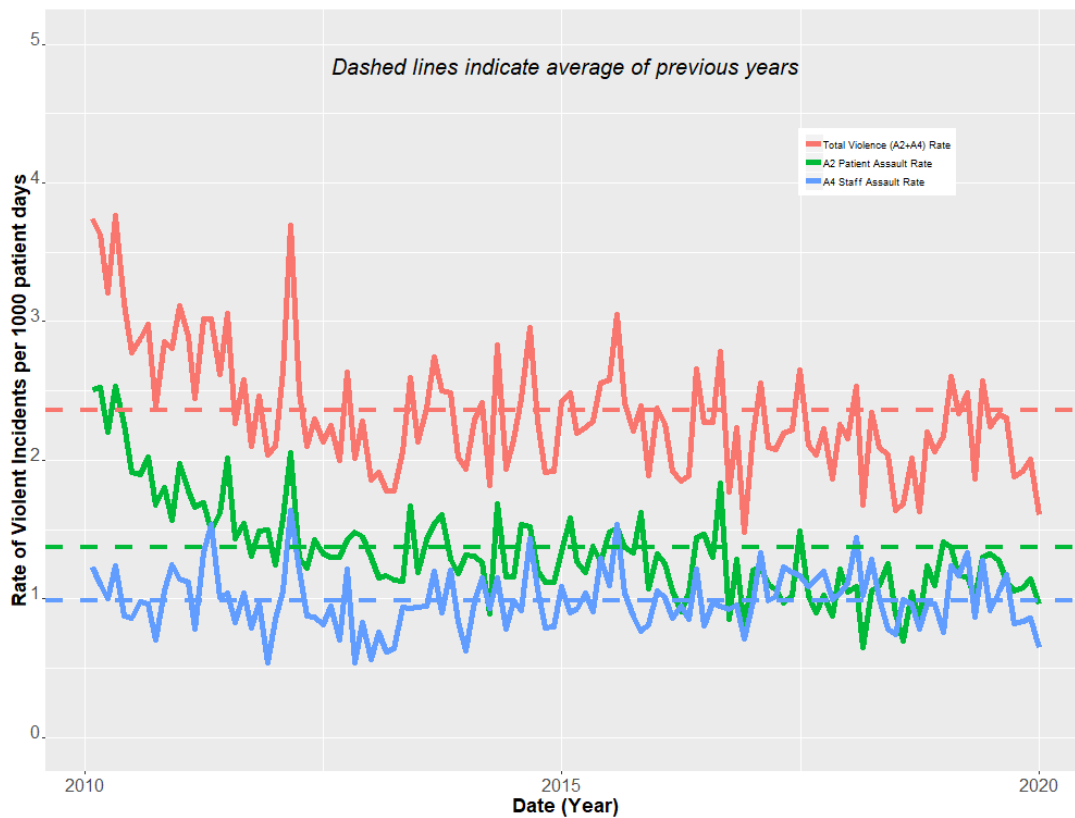
Year	Physical Contact	Count	Total Patient Days	Rate	% Change
2016	Contact Made	264	427041	0.618	NA
2016	Contact Attempted	261	427041	0.611	NA
2017	Contact Made	296	429536	0.689	11.5
2017	Contact Attempted	328	429536	0.764	24.9
2018	Contact Made	219	424745	0.516	-25.2
2018	Contact Attempted	317	424745	0.746	-2.3
2019	Contact Made	222	417873	0.531	3
2019	Contact Attempted	337	417873	0.806	8.1

As seen in the table and graph above, both categories of staff assaults increased, with the largest increase (8.1%) seen in the category of “Physical Contact Attempted.”

## Monthly Rates

The previous barplot (Fig. E.1) showed the violence rates as an overall yearly average and did not show the monthly variability in the rates that occurs regularly. Two figures are shown below, the first being a plot of the violence rates on a monthly basis (Fig. E.3), and the second (Fig. E.4) 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). See [Appendix H](#) for more details of this method.

**Figure E.3**  
**DSH-Patton Monthly Rates of Violence per 1000 Patient Days**





## Trend of Monthly Rates

**Figure E.4**  
**DSH-Patton Trends of Monthly Rates of Violence per 1000 Patient Days**

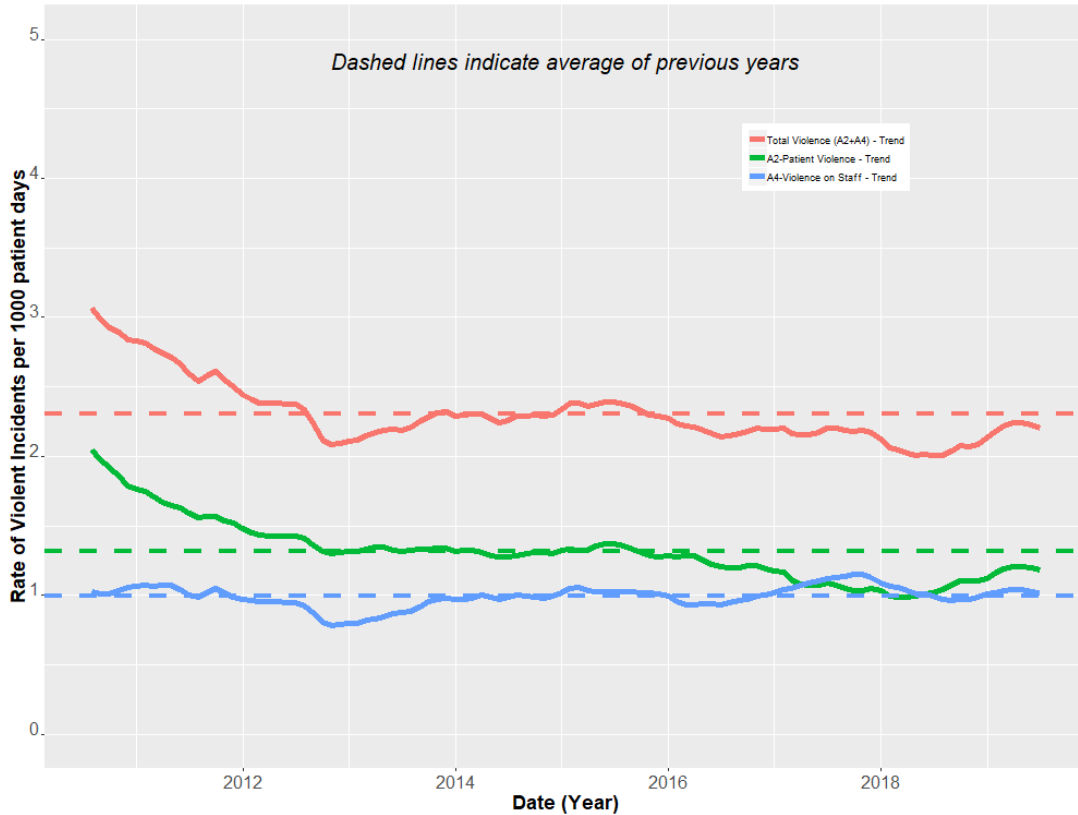


Figure E.4 shows the trend of the monthly violence rates (patient on patient assault, patient on staff assault, and total patient on patient and patient on staff assault) for DSH-Patton. The dashed lines indicate the previous years (2010-2018) average rate for each category, for comparison with 2019. Again, for more details on the methodology of trending the monthly rates data, please refer to [Appendix H](#).

Table E.5 provides a yearly summary of the year-over-year changes in the assault rates.

**Table E.5**  
**DSH-Patton Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	2.513	1.226	3.739
2/28/2010	2.526	1.105	3.631
3/31/2010	2.205	1.000	3.205
4/30/2010	2.531	1.234	3.765
5/31/2010	2.255	0.874	3.129
6/30/2010	1.914	0.862	2.776
7/31/2010	1.899	0.980	2.879
8/31/2010	2.022	0.960	2.981
9/30/2010	1.679	0.701	2.380
10/31/2010	1.799	1.055	2.854
11/30/2010	1.566	1.244	2.811
12/31/2010	1.973	1.142	3.115
1/31/2011	1.779	1.117	2.895
2/28/2011	1.662	0.785	2.447
3/31/2011	1.690	1.331	3.021
4/30/2011	1.489	1.533	3.021
5/31/2011	1.614	1.006	2.619
6/30/2011	2.017	1.041	3.058
7/31/2011	1.434	0.831	2.265
8/31/2011	1.540	1.041	2.581
9/30/2011	1.306	0.792	2.098
10/31/2011	1.491	0.974	2.465
11/30/2011	1.500	0.536	2.036
12/31/2011	1.246	0.851	2.097
1/31/2012	1.580	1.060	2.640
2/29/2012	2.056	1.636	3.691
3/31/2012	1.288	1.205	2.493
4/30/2012	1.221	0.878	2.099
5/31/2012	1.428	0.869	2.298
6/30/2012	1.323	0.811	2.134
7/31/2012	1.299	0.949	2.248
8/31/2012	1.298	0.701	1.999
9/30/2012	1.423	1.211	2.634
10/31/2012	1.480	0.535	2.015
11/30/2012	1.451	0.832	2.283
12/31/2012	1.302	0.558	1.861
1/31/2013	1.151	0.760	1.911

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/28/2013	1.164	0.616	1.780
3/31/2013	1.137	0.641	1.778
4/30/2013	1.127	0.935	2.062
5/31/2013	1.671	0.928	2.599
6/30/2013	1.194	0.938	2.131
7/31/2013	1.423	0.949	2.372
8/31/2013	1.547	1.196	2.744
9/30/2013	1.605	0.899	2.504
10/31/2013	1.285	1.202	2.487
11/30/2013	1.182	0.838	2.020
12/31/2013	1.313	0.625	1.938
1/31/2014	1.311	0.978	2.290
2/28/2014	1.264	1.149	2.413
3/31/2014	0.888	0.930	1.818
4/30/2014	1.682	1.150	2.832
5/31/2014	1.155	0.784	1.938
6/30/2014	1.158	0.986	2.144
7/31/2014	1.534	0.912	2.446
8/31/2014	1.519	1.436	2.955
9/30/2014	1.203	1.074	2.278
10/31/2014	1.121	0.789	1.910
11/30/2014	1.122	0.798	1.921
12/31/2014	1.337	1.086	2.424
1/31/2015	1.586	0.897	2.483
2/28/2015	1.272	0.925	2.197
3/31/2015	1.189	1.043	2.232
4/30/2015	1.378	0.904	2.282
5/31/2015	1.268	1.289	2.557
6/30/2015	1.482	1.095	2.577
7/31/2015	1.514	1.535	3.050
8/31/2015	1.372	1.039	2.411
9/30/2015	1.329	0.879	2.208
10/31/2015	1.622	0.769	2.391
11/30/2015	1.071	0.814	1.886
12/31/2015	1.321	1.053	2.374
1/31/2016	1.256	1.009	2.265
2/29/2016	1.059	0.861	1.920
3/31/2016	0.904	0.946	1.850
4/30/2016	1.041	0.850	1.891
5/31/2016	1.440	1.214	2.654
6/30/2016	1.467	0.808	2.275
7/31/2016	1.300	0.970	2.271

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	1.838	0.950	2.787
9/30/2016	0.855	0.919	1.774
10/31/2016	1.284	0.952	2.236
11/30/2016	0.773	0.709	1.482
12/31/2016	1.206	0.977	2.184
1/31/2017	1.226	1.330	2.557
2/28/2017	1.103	0.988	2.091
3/31/2017	1.061	1.019	2.081
4/30/2017	0.970	1.229	2.199
5/31/2017	1.026	1.193	2.219
6/30/2017	1.487	1.163	2.650
7/31/2017	1.024	1.087	2.112
8/31/2017	0.895	1.145	2.041
9/30/2017	1.027	1.198	2.225
10/31/2017	0.872	0.997	1.869
11/30/2017	1.215	1.041	2.256
12/31/2017	1.048	1.111	2.160
1/31/2018	1.089	1.445	2.534
2/28/2018	0.651	1.024	1.675
3/31/2018	1.055	1.287	2.342
4/30/2018	1.092	1.005	2.096
5/31/2018	1.251	0.784	2.035
6/30/2018	0.893	0.741	1.634
7/31/2018	0.695	0.991	1.686
8/31/2018	1.048	0.964	2.013
9/30/2018	0.847	0.782	1.628
10/31/2018	1.239	0.961	2.199
11/30/2018	1.096	0.964	2.060
12/31/2018	1.413	0.759	2.172
1/31/2019	1.367	1.241	2.607
2/28/2019	1.168	1.168	2.336
3/31/2019	1.159	1.328	2.487
4/30/2019	0.998	0.868	1.866
5/31/2019	1.298	1.277	2.575
6/30/2019	1.326	0.913	2.238
7/31/2019	1.279	1.048	2.327
8/31/2019	1.130	1.172	2.302
9/30/2019	1.060	0.822	1.882
10/31/2019	1.084	0.834	1.917
11/30/2019	1.142	0.862	2.003
12/31/2019	0.960	0.647	1.608

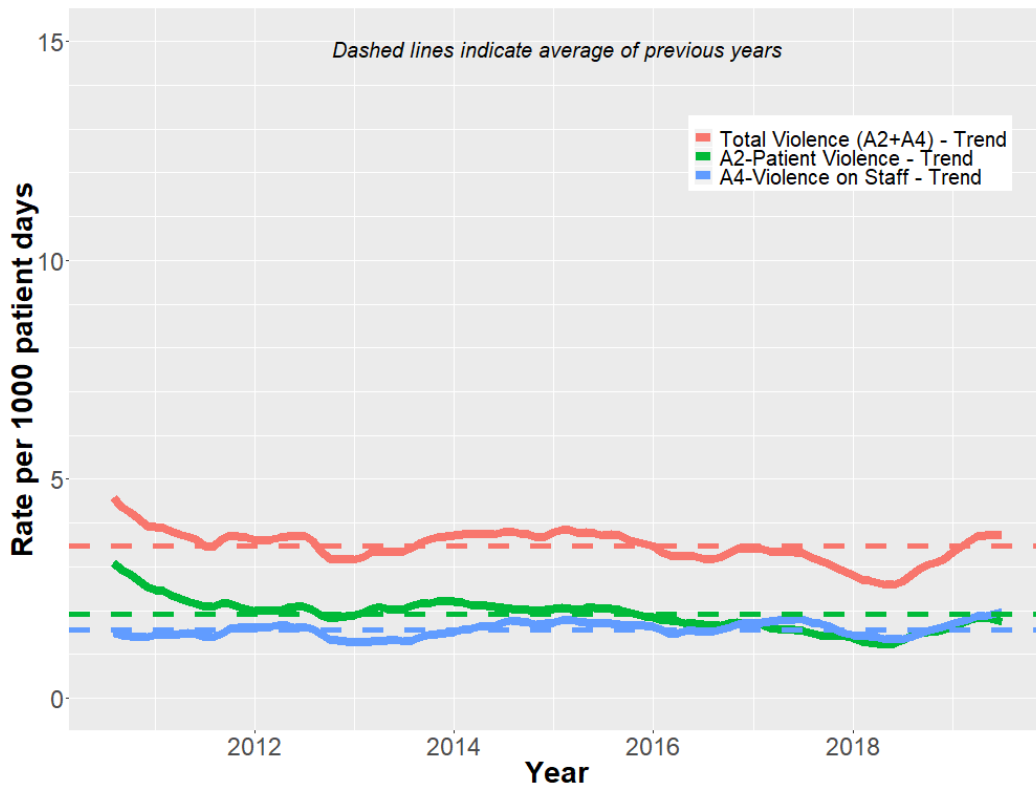
## Violence Rates by Major Legal Classes

### 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.

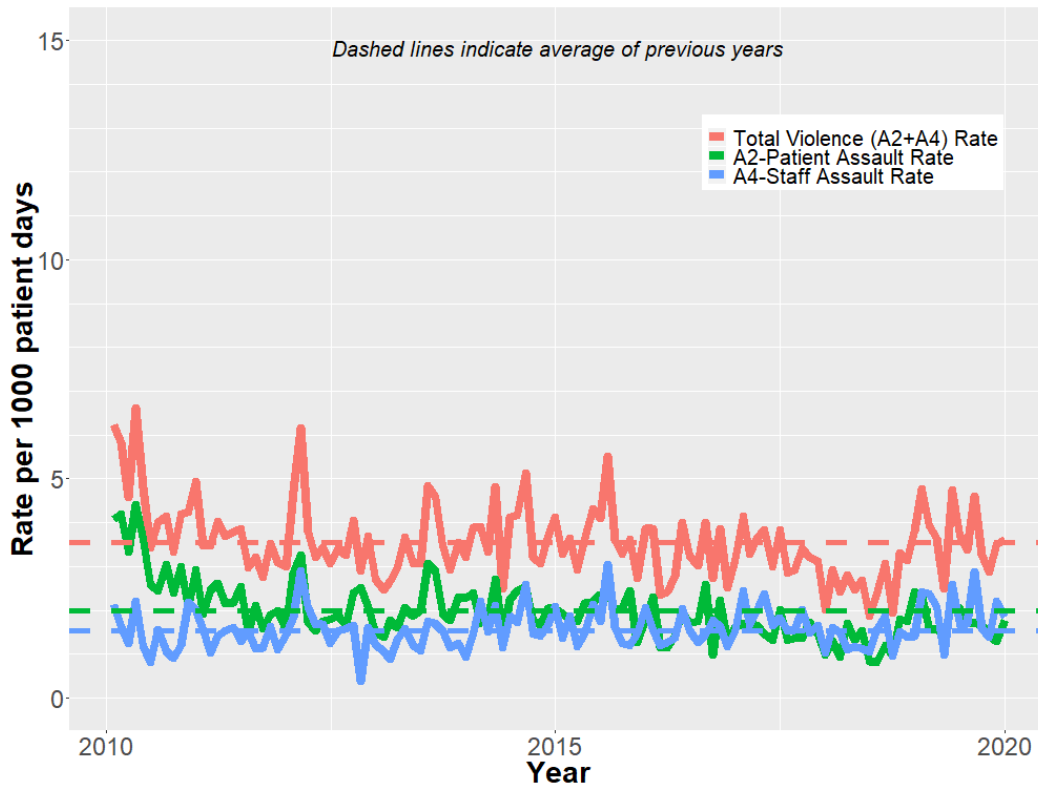
**Figure E.5**  
**Trends of Monthly Rates of Violence for IST's at DSH-Patton**



### 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 E.6**  
**Monthly Rates of Violence for IST's at DSH-Patton**



**Table E.6**  
**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
1/31/2010	2.932	1.876	4.808
2/28/2010	4.561	3.353	7.914
3/31/2010	2.162	2.402	4.563
4/30/2010	2.688	1.222	3.910
5/31/2010	2.888	1.083	3.972
6/30/2010	3.833	0.989	4.822
7/31/2010	3.012	1.506	4.519
8/31/2010	3.718	2.107	5.825
9/30/2010	3.561	0.890	4.451
10/31/2010	2.502	2.127	4.629
11/30/2010	2.545	1.781	4.326
12/31/2010	2.788	2.154	4.942
1/31/2011	2.053	1.155	3.207
2/28/2011	4.240	2.340	6.580
3/31/2011	2.776	2.247	5.022
4/30/2011	1.341	1.743	3.084
5/31/2011	0.929	1.725	2.654
6/30/2011	2.882	1.784	4.666
7/31/2011	2.562	2.428	4.990
8/31/2011	2.251	1.059	3.311
9/30/2011	2.455	1.034	3.489
10/31/2011	2.163	1.202	3.365
11/30/2011	1.840	1.718	3.558
12/31/2011	2.651	2.536	5.187
1/31/2012	1.925	2.151	4.076
2/29/2012	2.267	0.955	3.222
3/31/2012	2.959	2.732	5.691
4/30/2012	3.787	1.420	5.206
5/31/2012	1.740	1.160	2.900
6/30/2012	2.258	1.307	3.565
7/31/2012	2.277	2.733	5.010
8/31/2012	2.061	1.947	4.008
9/30/2012	3.082	2.133	5.215
10/31/2012	2.470	1.764	4.234
11/30/2012	2.737	1.904	4.642

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
12/31/2012	1.983	1.983	3.965
1/31/2013	2.200	1.506	3.706
2/28/2013	1.551	1.551	3.102
3/31/2013	2.007	1.417	3.424
4/30/2013	1.574	1.453	3.027
5/31/2013	2.505	1.480	3.985
6/30/2013	2.182	0.919	3.101
7/31/2013	3.286	1.533	4.819
8/31/2013	2.993	1.924	4.917
9/30/2013	3.063	2.079	5.142
10/31/2013	2.752	2.223	4.975
11/30/2013	3.761	2.102	5.862
12/31/2013	4.308	1.616	5.924
1/31/2014	3.704	1.634	5.338
2/28/2014	3.055	1.467	4.522
3/31/2014	2.819	1.410	4.229
4/30/2014	3.195	1.653	4.848
5/31/2014	2.300	1.600	3.901
6/30/2014	3.421	1.452	4.873
7/31/2014	2.246	1.562	3.808
8/31/2014	2.525	2.039	4.564
9/30/2014	2.700	0.900	3.600
10/31/2014	2.008	1.530	3.538
11/30/2014	2.150	0.977	3.128
12/31/2014	1.777	1.403	3.180
1/31/2015	2.257	1.223	3.480
2/28/2015	2.403	2.840	5.243
3/31/2015	1.981	1.783	3.764
4/30/2015	2.877	2.055	4.932
5/31/2015	2.939	1.960	4.899
6/30/2015	3.005	1.903	4.907
7/31/2015	2.346	1.368	3.714
8/31/2015	2.130	3.098	5.228
9/30/2015	3.088	1.892	4.980
10/31/2015	2.408	1.349	3.757
11/30/2015	1.679	2.666	4.345
12/31/2015	1.903	1.713	3.616
1/31/2016	1.633	1.441	3.075



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
2/29/2016	1.897	1.397	3.294
3/31/2016	1.751	1.225	2.976
4/30/2016	0.792	1.408	2.200
5/31/2016	2.386	1.705	4.091
6/30/2016	2.853	3.299	6.152
7/31/2016	3.042	2.535	5.578
8/31/2016	2.542	1.441	3.983
9/30/2016	2.039	1.685	3.724
10/31/2016	1.380	1.553	2.933
11/30/2016	2.605	2.515	5.120
12/31/2016	3.074	2.284	5.357
1/31/2017	2.563	2.651	5.214
2/28/2017	2.746	3.030	5.777
3/31/2017	2.830	3.174	6.004
4/30/2017	1.974	1.794	3.768
5/31/2017	3.158	4.561	7.719
6/30/2017	3.088	2.543	5.631
7/31/2017	2.796	3.669	6.465
8/31/2017	2.648	3.178	5.826
9/30/2017	3.546	3.455	7.001
10/31/2017	2.644	2.996	5.640
11/30/2017	3.233	2.604	5.837
12/31/2017	2.045	2.386	4.431
1/31/2018	2.927	4.014	6.941
2/28/2018	2.874	3.592	6.466
3/31/2018	2.968	2.647	5.615
4/30/2018	3.254	2.503	5.756
5/31/2018	3.379	2.472	5.851
6/30/2018	2.313	2.399	4.713
7/31/2018	2.180	2.342	4.522
8/31/2018	2.267	2.591	4.858
9/30/2018	3.707	2.443	6.149
10/31/2018	3.161	2.350	5.511
11/30/2018	2.805	1.445	4.250
12/31/2018	1.860	1.268	3.128
1/31/2019	1.832	1.582	3.413
2/28/2019	2.587	2.319	4.906
3/31/2019	1.787	2.112	3.899
4/30/2019	1.958	0.936	2.895

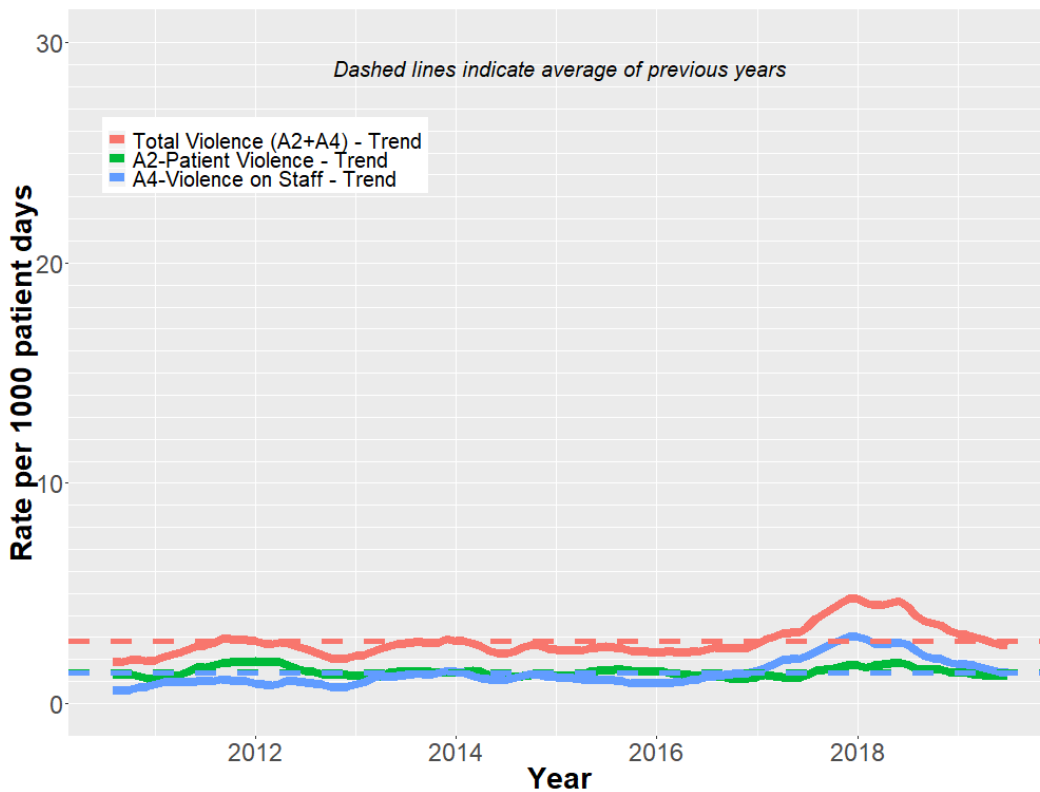
<b>DATE</b>	<b>A2 PATIENT ON PATIENT ASSAULT RATE</b>	<b>A4 PATIENT ON STAFF ASSAULT RATE</b>	<b>TOTAL VIOLENCE (A2+A4) RATE</b>
5/31/2019	1.475	4.753	6.228
6/30/2019	2.990	2.135	5.125
7/31/2019	2.205	2.123	4.328
8/31/2019	3.861	2.654	6.515
9/30/2019	2.486	2.486	4.972
10/31/2019	2.527	1.838	4.365
11/30/2019	1.638	2.027	3.665
12/31/2019	1.204	1.355	2.559

## 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.

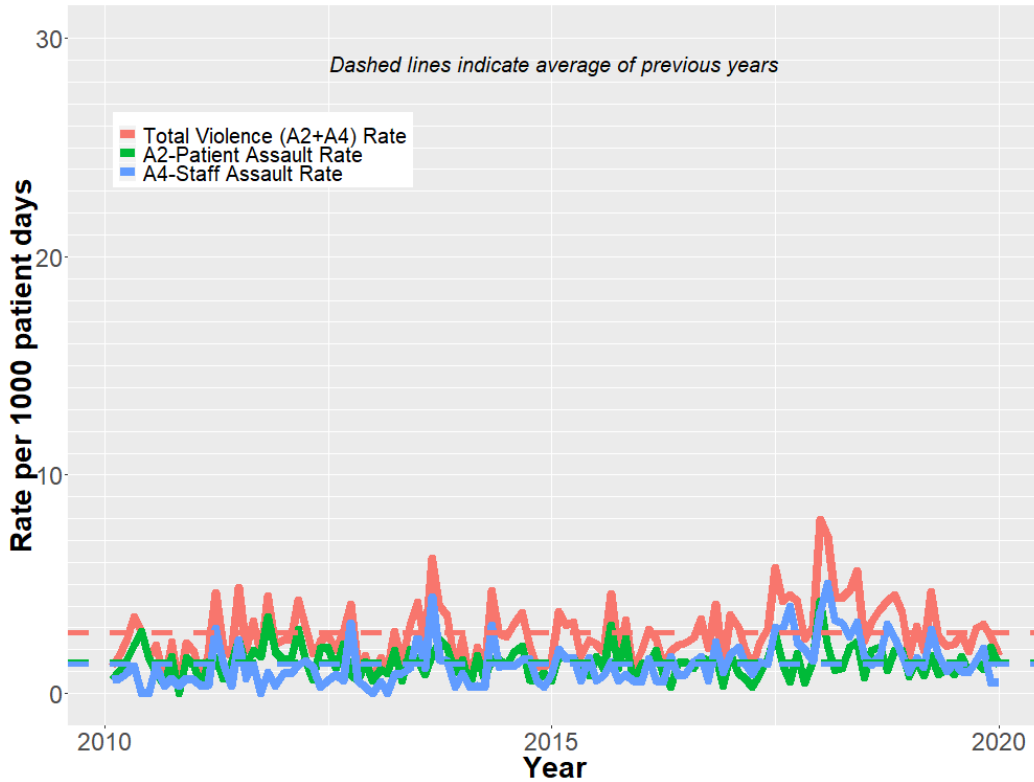
**Figure E.7**  
**Trends of Monthly Rates of Violence for LPS's at DSH-Patton**



### 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 E.8**  
**Monthly Rates of Violence for LPS's at DSH-Patton**



**Table E.7**  
**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
1/31/2010	0.613	0.613	1.227
2/28/2010	1.032	0.688	1.719
3/31/2010	1.527	0.916	2.443
4/30/2010	2.219	1.268	3.487
5/31/2010	2.813	0.000	2.813
6/30/2010	1.612	0.000	1.612
7/31/2010	0.939	1.252	2.190
8/31/2010	0.319	0.319	0.638
9/30/2010	1.693	0.677	2.370
10/31/2010	0.000	0.317	0.317
11/30/2010	1.631	0.653	2.284
12/31/2010	1.282	0.641	1.922
1/31/2011	0.329	0.329	0.657
2/28/2011	1.452	0.363	1.816
3/31/2011	1.641	2.955	4.596
4/30/2011	0.696	1.393	2.089
5/31/2011	1.381	0.345	1.727
6/30/2011	2.429	2.429	4.858
7/31/2011	1.320	0.660	1.980
8/31/2011	1.991	1.327	3.318
9/30/2011	1.665	0.000	1.665
10/31/2011	3.504	0.956	4.460
11/30/2011	1.934	0.322	2.257
12/31/2011	1.539	0.923	2.462
1/31/2012	1.535	0.921	2.456
2/29/2012	2.941	1.307	4.248
3/31/2012	1.504	1.504	3.008
4/30/2012	0.609	1.217	1.826
5/31/2012	2.044	0.292	2.336
6/30/2012	2.096	0.599	2.695
7/31/2012	1.133	0.850	1.983
8/31/2012	2.247	0.562	2.809
9/30/2012	0.872	3.198	4.070
10/31/2012	0.570	0.570	1.141
11/30/2012	1.452	0.290	1.743
12/31/2012	0.558	0.000	0.558
1/31/2013	1.099	0.550	1.649
2/28/2013	0.926	0.000	0.926

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	1.992	0.854	2.846
4/30/2013	0.599	0.898	1.497
5/31/2013	2.002	1.144	3.146
6/30/2013	1.492	2.686	4.178
7/31/2013	0.881	1.175	2.056
8/31/2013	1.771	4.429	6.200
9/30/2013	2.443	1.527	3.971
10/31/2013	2.091	1.493	3.584
11/30/2013	0.939	0.313	1.252
12/31/2013	1.548	0.929	2.478
1/31/2014	0.313	0.313	0.625
2/28/2014	1.745	0.349	2.094
3/31/2014	0.613	0.307	0.920
4/30/2014	1.571	3.143	4.714
5/31/2014	1.529	1.223	2.752
6/30/2014	1.307	1.307	2.614
7/31/2014	1.893	1.262	3.156
8/31/2014	2.157	1.541	3.698
9/30/2014	0.627	1.567	2.194
10/31/2014	0.594	0.594	1.187
11/30/2014	0.899	0.300	1.198
12/31/2014	0.580	0.870	1.451
1/31/2015	1.734	2.023	3.757
2/28/2015	1.567	1.567	3.134
3/31/2015	1.631	1.631	3.263
4/30/2015	1.123	0.561	1.684
5/31/2015	0.821	1.643	2.464
6/30/2015	1.693	0.564	2.258
7/31/2015	1.102	0.826	1.928
8/31/2015	3.121	1.419	4.540
9/30/2015	1.174	0.587	1.762
10/31/2015	2.532	0.844	3.376
11/30/2015	0.571	0.571	1.142
12/31/2015	1.362	0.545	1.907
1/31/2016	1.339	1.606	2.945
2/29/2016	1.956	0.559	2.515
3/31/2016	0.812	0.541	1.353
4/30/2016	0.277	1.665	1.942
5/31/2016	1.376	0.826	2.201
6/30/2016	1.453	0.872	2.326
7/31/2016	1.134	1.418	2.552

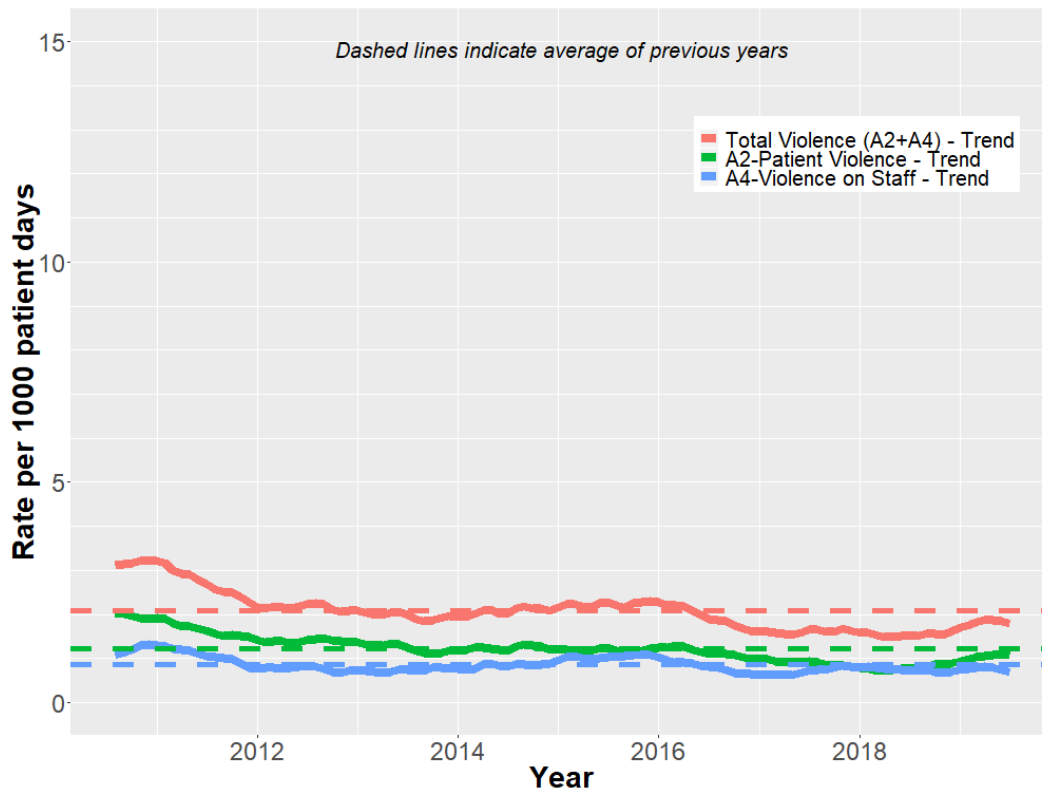
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	1.700	1.700	3.399
9/30/2016	1.461	0.584	2.045
10/31/2016	1.752	2.336	4.088
11/30/2016	0.315	0.944	1.259
12/31/2016	1.790	1.790	3.580
1/31/2017	0.904	2.108	3.012
2/28/2017	0.675	1.349	2.024
3/31/2017	0.296	0.887	1.183
4/30/2017	0.867	1.445	2.312
5/31/2017	1.630	1.359	2.989
6/30/2017	2.734	3.008	5.742
7/31/2017	1.324	2.913	4.237
8/31/2017	0.531	3.982	4.513
9/30/2017	1.845	2.372	4.216
10/31/2017	0.498	1.993	2.491
11/30/2017	1.512	1.512	3.024
12/31/2017	4.218	3.722	7.940
1/31/2018	2.164	5.049	7.213
2/28/2018	1.034	3.361	4.395
3/31/2018	1.155	3.233	4.388
4/30/2018	2.124	2.596	4.720
5/31/2018	2.331	3.263	5.594
6/30/2018	0.715	1.668	2.383
7/31/2018	1.968	1.312	3.280
8/31/2018	2.120	1.696	3.817
9/30/2018	1.054	3.163	4.217
10/31/2018	1.968	2.558	4.526
11/30/2018	1.969	1.772	3.740
12/31/2018	0.752	0.940	1.692
1/31/2019	1.452	1.634	3.086
2/28/2019	0.794	1.192	1.986
3/31/2019	1.729	2.939	4.668
4/30/2019	0.864	1.727	2.591
5/31/2019	1.156	0.991	2.147
6/30/2019	0.865	1.384	2.250
7/31/2019	1.668	1.001	2.668
8/31/2019	0.969	0.969	1.938
9/30/2019	1.486	1.486	2.973
10/31/2019	1.107	2.055	3.162
11/30/2019	2.102	0.485	2.587
12/31/2019	1.246	0.467	1.714

## DSH-Patton OMD'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 E.9**  
**Trends of Monthly Rates of Violence for OMD's at DSH-Patton**

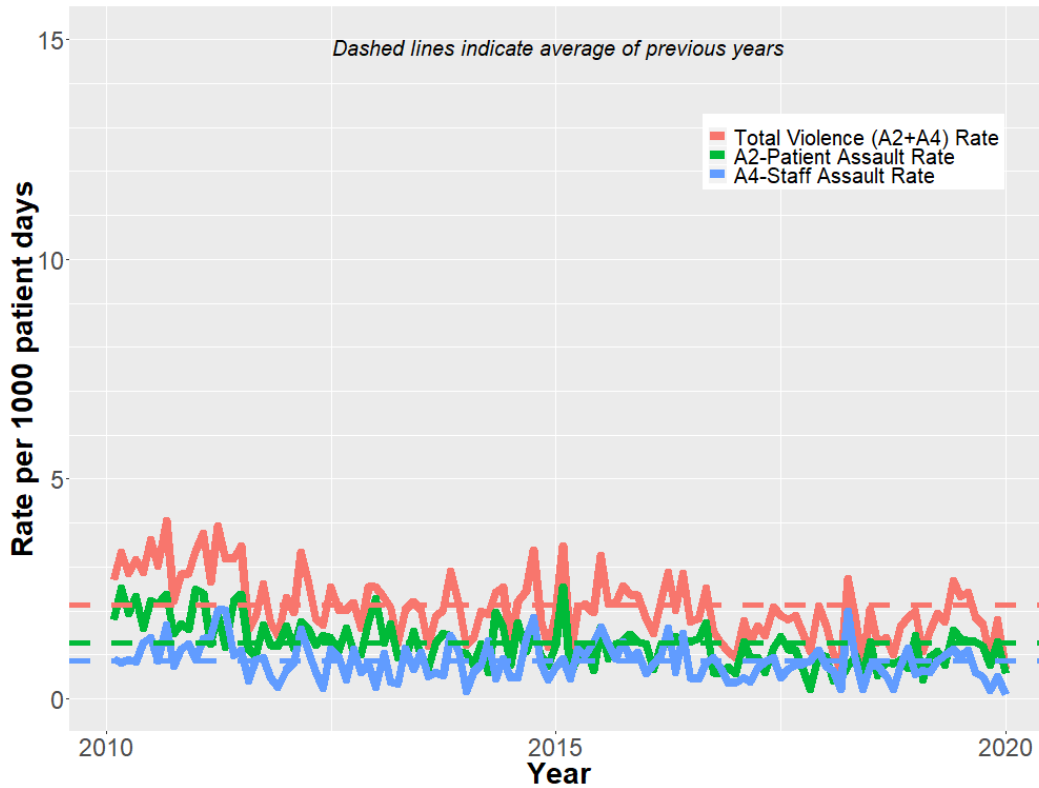




## Monthly Rates Data

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 E.10**  
**Monthly Rates of Violence for OMD's at DSH-Patton**



**Table E.8**  
**DSH-Patton OMD Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	1.802	0.901	2.704
2/28/2010	2.520	0.810	3.329
3/31/2010	1.950	0.894	2.844
4/30/2010	2.338	0.835	3.173
5/31/2010	1.605	1.284	2.889
6/30/2010	2.226	1.402	3.628
7/31/2010	2.151	0.876	3.027
8/31/2010	2.384	1.669	4.052
9/30/2010	1.493	0.746	2.239
10/31/2010	1.693	1.129	2.822
11/30/2010	1.594	1.259	2.853
12/31/2010	2.498	0.886	3.384
1/31/2011	2.407	1.364	3.771
2/28/2011	1.245	1.423	2.668
3/31/2011	1.925	2.005	3.929
4/30/2011	1.174	2.012	3.186
5/31/2011	2.203	0.979	3.182
6/30/2011	2.381	1.105	3.486
7/31/2011	1.154	0.412	1.566
8/31/2011	0.981	0.899	1.879
9/30/2011	1.683	0.926	2.608
10/31/2011	1.226	0.491	1.717
11/30/2011	1.189	0.255	1.444
12/31/2011	1.646	0.658	2.305
1/31/2012	1.148	0.820	1.967
2/29/2012	1.756	1.580	3.336
3/31/2012	1.583	1.083	2.666
4/30/2012	1.212	0.606	1.818
5/31/2012	1.430	0.252	1.682
6/30/2012	1.396	1.134	2.531
7/31/2012	1.097	0.929	2.026
8/31/2012	1.601	0.421	2.023
9/30/2012	1.045	1.133	2.178
10/31/2012	1.019	0.595	1.614
11/30/2012	1.750	0.787	2.537
12/31/2012	2.290	0.254	2.544
1/31/2013	1.275	1.020	2.296
2/28/2013	1.706	0.379	2.085

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	0.941	0.342	1.283
4/30/2013	0.878	1.141	2.019
5/31/2013	1.529	0.679	2.208
6/30/2013	0.970	1.058	2.027
7/31/2013	0.685	0.514	1.199
8/31/2013	1.279	0.597	1.876
9/30/2013	1.483	0.523	2.006
10/31/2013	1.448	1.448	2.896
11/30/2013	1.075	1.075	2.150
12/31/2013	1.042	0.174	1.216
1/31/2014	0.778	0.605	1.383
2/28/2014	1.237	0.761	1.998
3/31/2014	0.612	1.312	1.925
4/30/2014	1.959	0.467	2.426
5/31/2014	1.633	0.907	2.540
6/30/2014	0.779	0.487	1.266
7/31/2014	1.731	0.481	2.212
8/31/2014	1.073	1.366	2.439
9/30/2014	1.540	1.848	3.389
10/31/2014	0.991	0.792	1.783
11/30/2014	0.742	0.424	1.166
12/31/2014	1.232	0.719	1.951
1/31/2015	2.549	0.918	3.467
2/28/2015	0.568	0.455	1.023
3/31/2015	0.931	1.138	2.068
4/30/2015	1.193	0.976	2.168
5/31/2015	0.653	1.306	1.960
6/30/2015	1.627	1.627	3.253
7/31/2015	0.910	1.251	2.162
8/31/2015	1.253	0.912	2.165
9/30/2015	1.289	1.289	2.577
10/31/2015	1.469	0.904	2.372
11/30/2015	1.297	1.062	2.359
12/31/2015	1.255	0.571	1.826
1/31/2016	0.684	0.797	1.481
2/29/2016	1.225	0.980	2.205
3/31/2016	1.264	1.609	2.874
4/30/2016	1.426	0.594	2.020
5/31/2016	1.371	1.485	2.856
6/30/2016	1.292	0.470	1.762
7/31/2016	1.374	0.458	1.832
8/31/2016	1.725	0.805	2.530

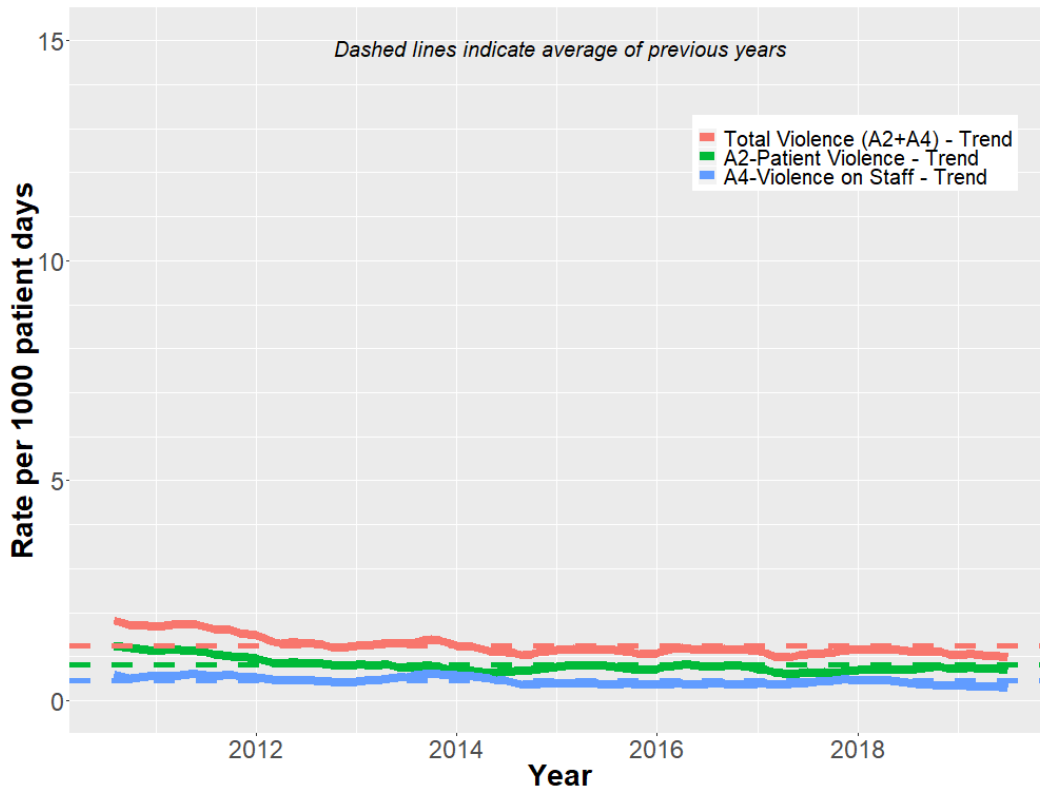
DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 PATIENT ON STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
9/30/2016	0.591	0.945	1.536
10/31/2016	0.576	0.691	1.267
11/30/2016	0.719	0.359	1.078
12/31/2016	0.584	0.351	0.935
1/31/2017	1.299	0.472	1.772
2/28/2017	0.910	0.390	1.300
3/31/2017	0.943	0.707	1.650
4/30/2017	0.602	0.843	1.445
5/31/2017	1.161	0.929	2.089
6/30/2017	1.424	0.475	1.899
7/31/2017	1.121	0.672	1.793
8/31/2017	1.111	0.778	1.889
9/30/2017	0.682	0.796	1.478
10/31/2017	0.216	0.864	1.079
11/30/2017	0.998	1.109	2.108
12/31/2017	0.951	0.740	1.691
1/31/2018	0.417	0.626	1.044
2/28/2018	0.456	0.228	0.684
3/31/2018	0.733	1.990	2.724
4/30/2018	0.977	0.868	1.845
5/31/2018	0.526	0.211	0.737
6/30/2018	1.294	0.755	2.049
7/31/2018	0.529	0.740	1.269
8/31/2018	0.849	0.531	1.380
9/30/2018	0.781	0.223	1.004
10/31/2018	0.883	0.773	1.656
11/30/2018	0.688	1.147	1.835
12/31/2018	1.437	0.553	1.989
1/31/2019	0.432	0.647	1.079
2/28/2019	0.956	0.597	1.553
3/31/2019	1.078	0.863	1.941
4/30/2019	0.765	0.983	1.748
5/31/2019	1.548	1.135	2.682
6/30/2019	1.378	0.954	2.331
7/31/2019	1.317	1.114	2.431
8/31/2019	1.288	0.594	1.882
9/30/2019	1.204	0.502	1.706
10/31/2019	0.775	0.194	0.968
11/30/2019	1.293	0.497	1.791
12/31/2019	0.581	0.097	0.678

## 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.

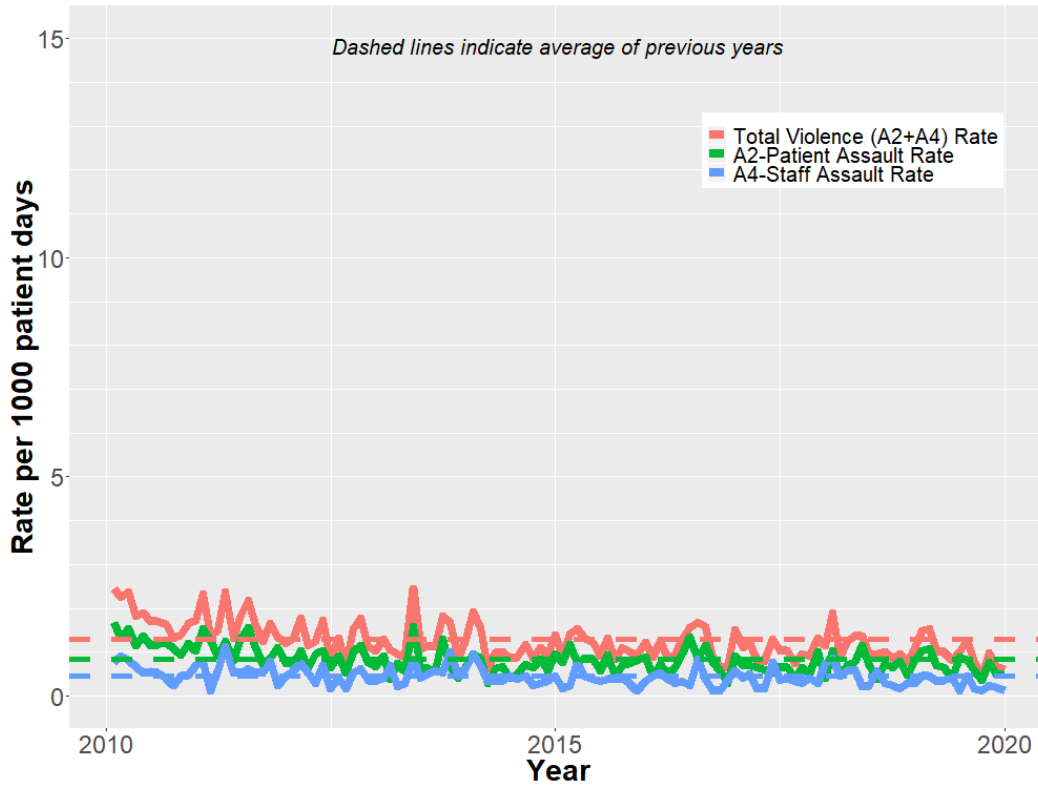
**Figure E.11**  
**Trends of Monthly Rates of Violence for NGRI's at DSH-Patton**



### 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 E.12**  
**Monthly Rates of Violence for NGRI's at DSH-Patton**



**Table E.9**  
**DSH-Patton NGRI Monthly Rates of Violence**

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
1/31/2010	1.673	0.777	2.449
2/28/2010	1.319	0.924	2.243
3/31/2010	1.538	0.828	2.366
4/30/2010	1.161	0.672	1.833
5/31/2010	1.357	0.531	1.889
6/30/2010	1.156	0.548	1.703
7/31/2010	1.171	0.527	1.698
8/31/2010	1.226	0.409	1.634
9/30/2010	1.084	0.241	1.325
10/31/2010	0.926	0.463	1.389
11/30/2010	1.189	0.476	1.665
12/31/2010	1.031	0.687	1.719
1/31/2011	1.533	0.795	2.328
2/28/2011	1.270	0.127	1.397
3/31/2011	0.918	0.574	1.492
4/30/2011	1.249	1.130	2.379
5/31/2011	0.810	0.520	1.330
6/30/2011	1.311	0.536	1.848
7/31/2011	1.555	0.633	2.188
8/31/2011	1.093	0.518	1.611
9/30/2011	0.714	0.536	1.250
10/31/2011	0.860	0.802	1.662
11/30/2011	1.112	0.234	1.346
12/31/2011	0.741	0.456	1.197
1/31/2012	0.741	0.570	1.311
2/29/2012	1.042	0.736	1.778
3/31/2012	0.633	0.518	1.150
4/30/2012	0.959	0.300	1.258
5/31/2012	1.042	0.695	1.737
6/30/2012	0.655	0.179	0.834
7/31/2012	0.924	0.404	1.328
8/31/2012	0.520	0.173	0.694
9/30/2012	1.007	0.533	1.541
10/31/2012	1.140	0.627	1.767
11/30/2012	0.766	0.353	1.119
12/31/2012	0.683	0.342	1.025
1/31/2013	0.909	0.398	1.307
2/28/2013	0.376	0.689	1.065

DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
3/31/2013	0.735	0.226	0.961
4/30/2013	0.581	0.290	0.871
5/31/2013	1.586	0.850	2.436
6/30/2013	0.648	0.412	1.060
7/31/2013	0.629	0.515	1.144
8/31/2013	0.569	0.569	1.137
9/30/2013	1.287	0.527	1.814
10/31/2013	0.671	1.006	1.677
11/30/2013	0.406	0.464	0.870
12/31/2013	0.676	0.620	1.296
1/31/2014	0.957	0.957	1.913
2/28/2014	0.872	0.685	1.557
3/31/2014	0.280	0.336	0.617
4/30/2014	0.634	0.346	0.980
5/31/2014	0.668	0.334	1.002
6/30/2014	0.405	0.463	0.868
7/31/2014	0.506	0.393	0.899
8/31/2014	0.732	0.450	1.182
9/30/2014	0.639	0.232	0.871
10/31/2014	0.837	0.279	1.115
11/30/2014	0.577	0.346	0.924
12/31/2014	0.950	0.447	1.397
1/31/2015	0.777	0.167	0.944
2/28/2015	1.164	0.245	1.409
3/31/2015	0.773	0.773	1.546
4/30/2015	0.860	0.459	1.319
5/31/2015	0.833	0.389	1.221
6/30/2015	0.570	0.342	0.912
7/31/2015	0.942	0.388	1.330
8/31/2015	0.446	0.390	0.835
9/30/2015	0.691	0.403	1.094
10/31/2015	0.734	0.282	1.016
11/30/2015	0.815	0.116	0.931
12/31/2015	0.897	0.337	1.234
1/31/2016	0.448	0.448	0.896
2/29/2016	0.720	0.540	1.260
3/31/2016	0.506	0.394	0.900
4/30/2016	0.642	0.292	0.934
5/31/2016	0.961	0.339	1.300
6/30/2016	1.338	0.233	1.571
7/31/2016	0.845	0.845	1.690



DATE	A2 PATIENT ON PATIENT ASSAULT RATE	A4 STAFF ASSAULT RATE	TOTAL VIOLENCE (A2+A4) RATE
8/31/2016	1.184	0.395	1.579
9/30/2016	0.758	0.117	0.875
10/31/2016	0.570	0.114	0.683
11/30/2016	0.295	0.354	0.648
12/31/2016	0.923	0.577	1.500
1/31/2017	0.698	0.407	1.104
2/28/2017	0.706	0.514	1.220
3/31/2017	0.637	0.174	0.811
4/30/2017	0.602	0.181	0.783
5/31/2017	0.527	0.761	1.288
6/30/2017	0.664	0.362	1.027
7/31/2017	0.638	0.406	1.044
8/31/2017	0.407	0.349	0.755
9/30/2017	0.656	0.298	0.954
10/31/2017	0.517	0.402	0.919
11/30/2017	1.012	0.298	1.310
12/31/2017	0.402	0.747	1.150
1/31/2018	1.032	0.860	1.893
2/28/2018	0.446	0.446	0.892
3/31/2018	0.685	0.571	1.257
4/30/2018	0.767	0.590	1.357
5/31/2018	1.141	0.228	1.370
6/30/2018	0.702	0.234	0.936
7/31/2018	0.396	0.565	0.961
8/31/2018	0.737	0.283	1.020
9/30/2018	0.643	0.234	0.876
10/31/2018	0.796	0.170	0.966
11/30/2018	0.471	0.294	0.765
12/31/2018	0.793	0.283	1.076
1/31/2019	1.030	0.458	1.488
2/28/2019	1.086	0.447	1.533
3/31/2019	0.693	0.347	1.040
4/30/2019	0.656	0.358	1.014
5/31/2019	0.404	0.404	0.807
6/30/2019	0.897	0.120	1.016
7/31/2019	0.812	0.464	1.276
8/31/2019	0.583	0.175	0.758
9/30/2019	0.364	0.121	0.485
10/31/2019	0.761	0.234	0.995
11/30/2019	0.487	0.182	0.669
12/31/2019	0.472	0.118	0.590

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## APPENDIX F NUMBER OF INDIVIDUAL (UNIQUE) PATIENT AGGRESSORS

As noted in Section V, there is a distinct pattern of a small number of patients causing a large proportion of the violent acts in each year. Section V covered just 2019; in this Appendix we review and summarize 2010-2018.

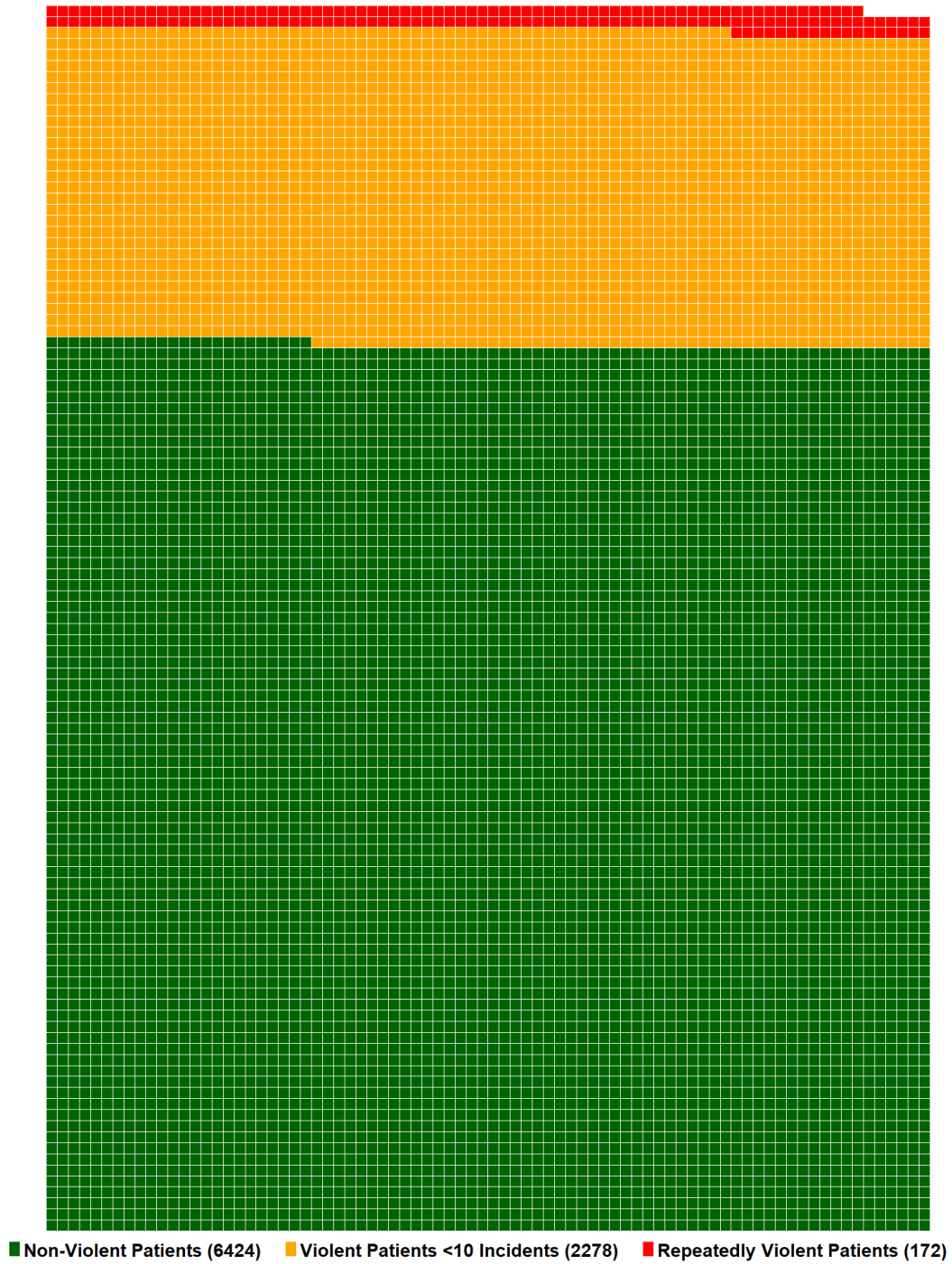
### A. Patients and Aggressors in 2010

As can be seen in Figure F.1, in 2010 the number of patients treated in DSH hospitals during the year totaled 8,874. Of these, most patients (6,424) were not violent (shown in green), while 2,450 patients were violent (the number of patients having 1-9 violent acts was 2,278, those with 10 or more violent acts numbered 172).

Thus, violent patients as a percentage of all patients treated were 27.6% of all those treated during 2010. As noted previously in [Section III.C.](#), 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 35.7% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.1**  
**2010 DSH Patients and Aggressors, 1 Square = 1 Patient**



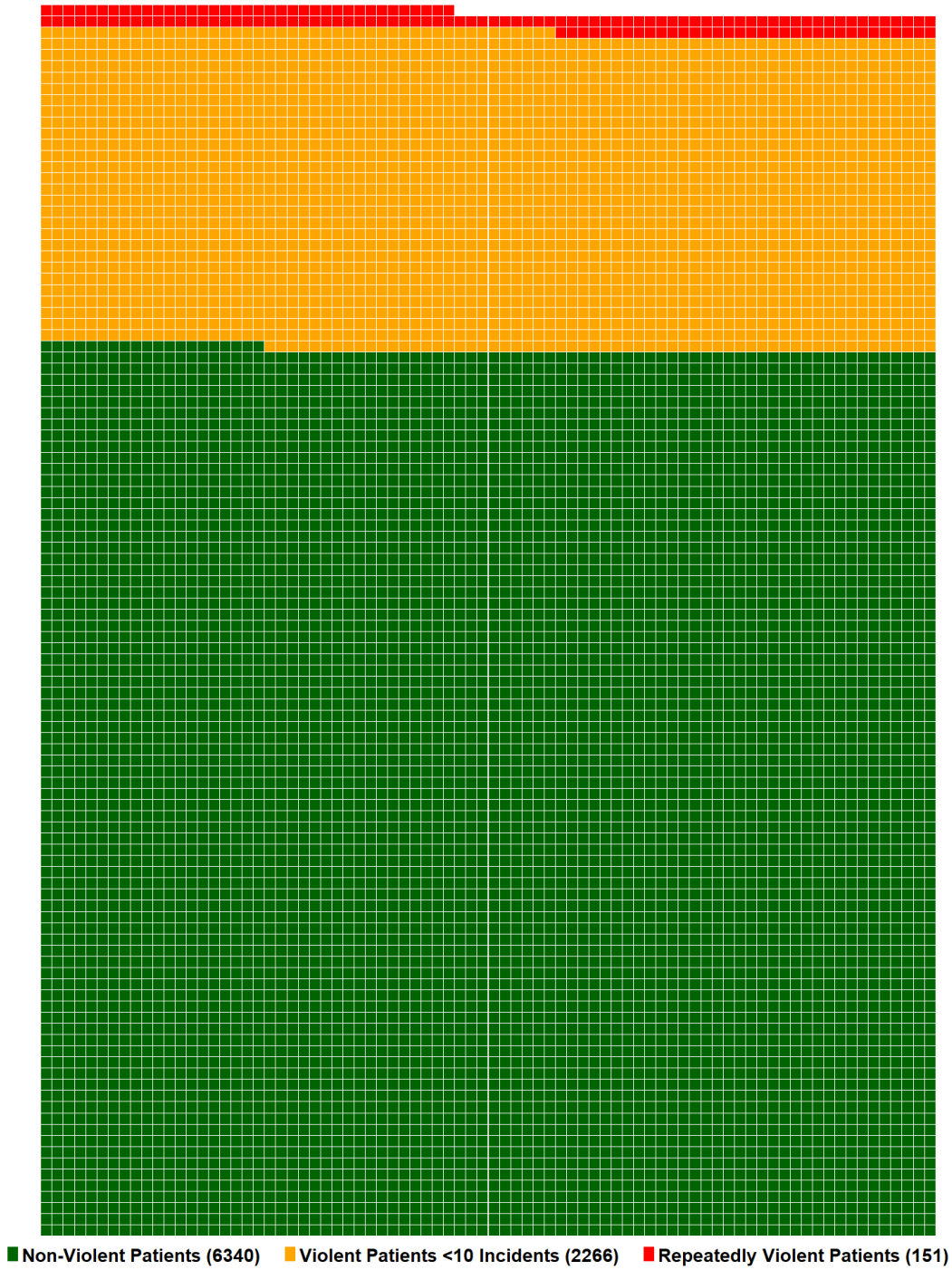
## B. Patients and Aggressors in 2011

As can be seen in Figure F.2, in 2011 the number of patients treated in DSH hospitals during the year was 8,757. Of these, most patients (6,370) were not violent, while a total of 2,417 were violent (the number of patients having 1-9 violent acts was 2,266, those with 10 or more violent acts numbered 151).

Thus, violent patients as a percentage of all patients treated were about 27.6% of all those treated during 2011. As noted previously in [Section III.C.](#), 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 2011, the 151 patients with 10 or more violent incidents in that year accounted for 33.3% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.2**  
**2011 Patients and Aggressors, 1 Square = 1 Patient**



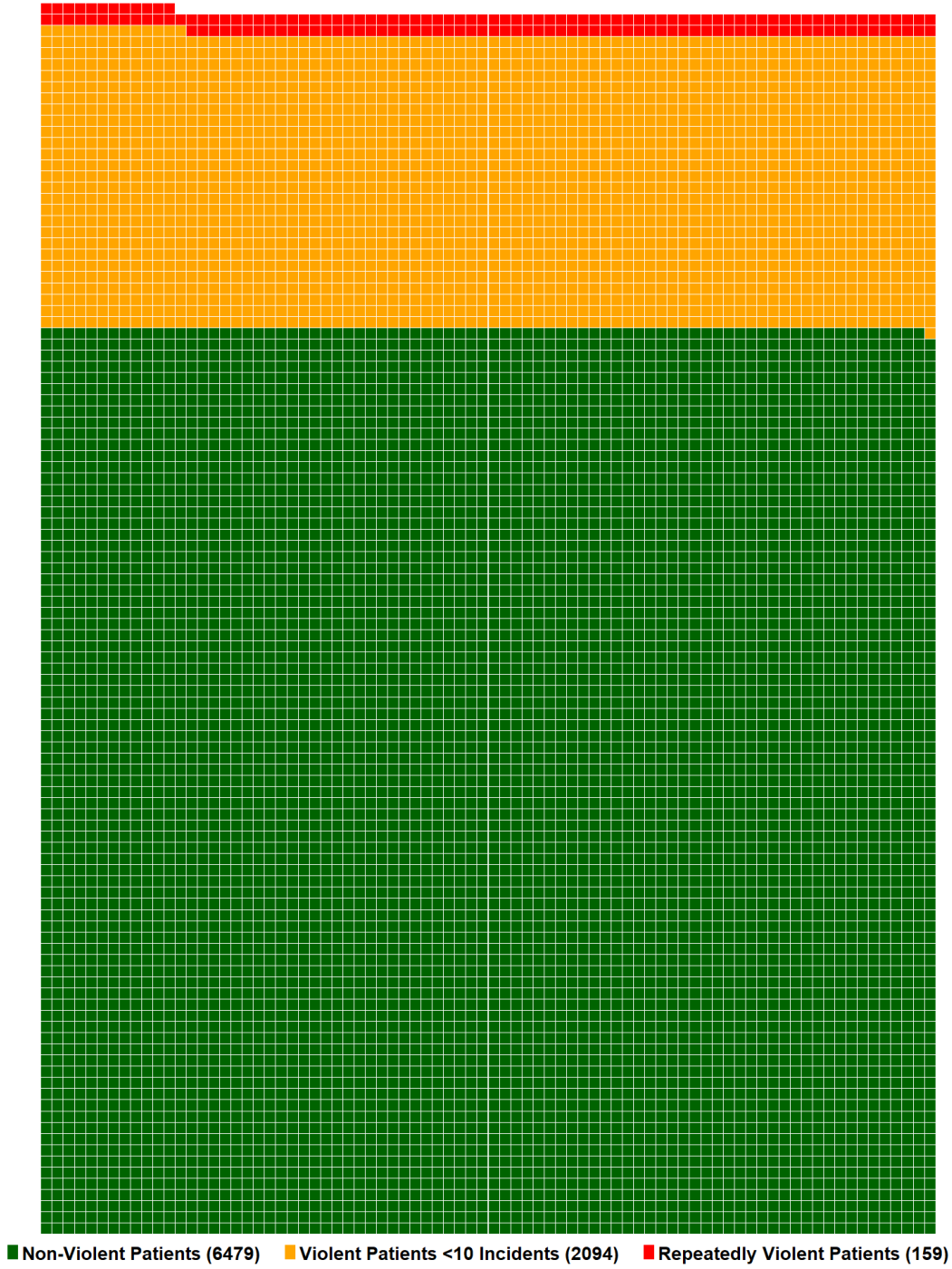
### C. Patients and Aggressors in 2012

As can be seen in Figure F.3, in 2012 the number of patients treated in DSH hospitals was 8,732. Of these, most patients (6,479) were not violent, but 2,253 patients were violent (the number of patients having 1-9 violent acts was 2,094, those with 10 or more violent acts numbered 159).

Thus, violent patients as a percentage of all patients treated were about 25.8% of all those treated during 2012. As noted previously in [Section III.C.](#), 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 2012, the 159 patients with 10 or more violent incidents in that year accounted for 37.9% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.3**  
**2012 DSH Patients and Aggressors, 1 Square = 1 Patient**





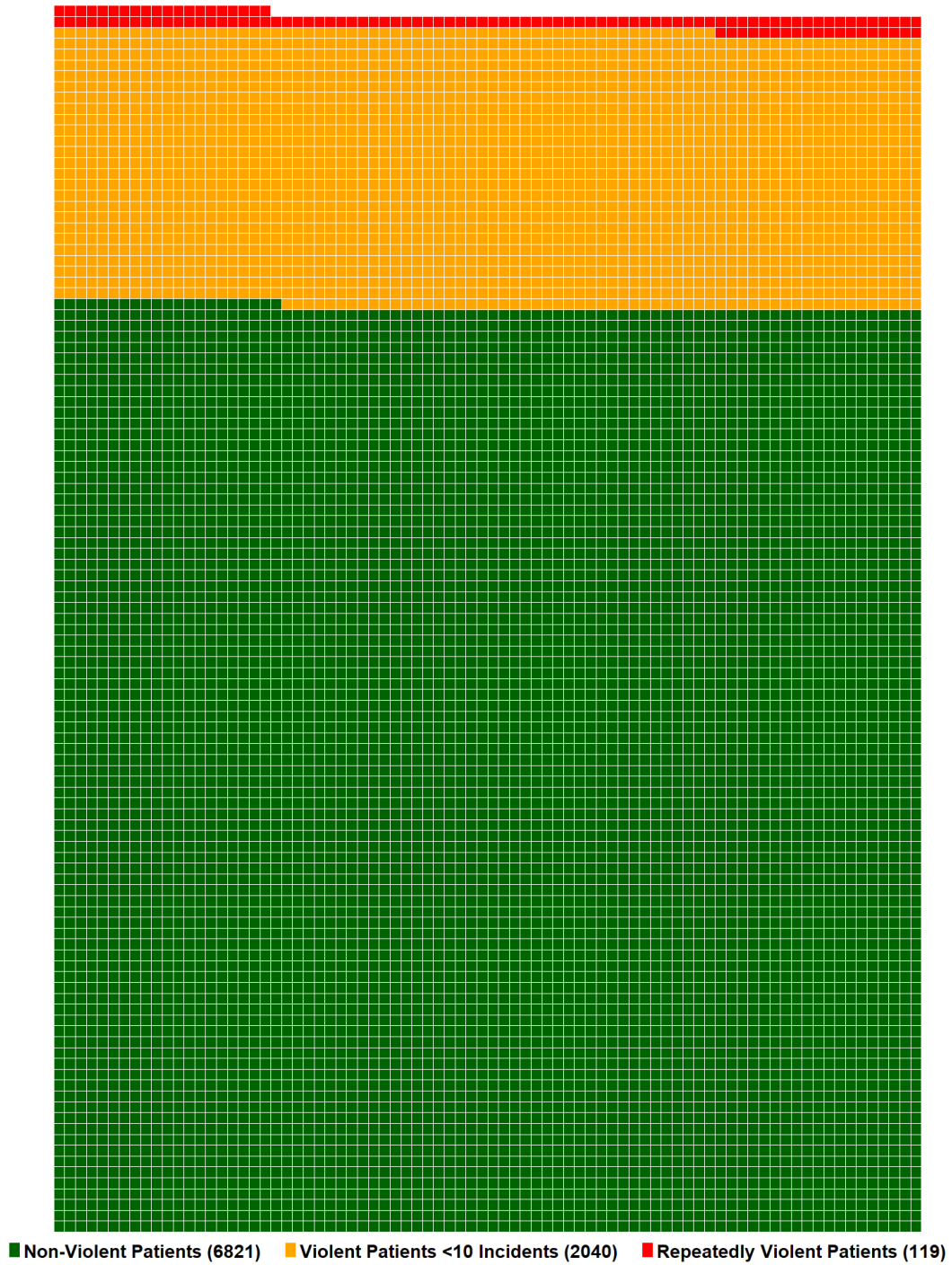
#### D. Patients and Aggressors in 2013

As can be seen in Figure F.4, in 2013 the number of patients treated in DSH hospitals totaled 8,980. Again, most patients (6,821) were not violent, but 2,159 patients were violent (the number of patients having 1-9 violent acts was 2,040, those with 10 or more violent acts numbered 119).

Thus, violent patients as a percentage of all patients treated were about 24.0% of all those treated during 2013. As noted previously in [Section III.C.](#), 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 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 VII.A.](#) of this report for more information on this.

**Figure F.4**  
**2013 DSH Patients and Aggressors, 1 Square = 1 Patient**



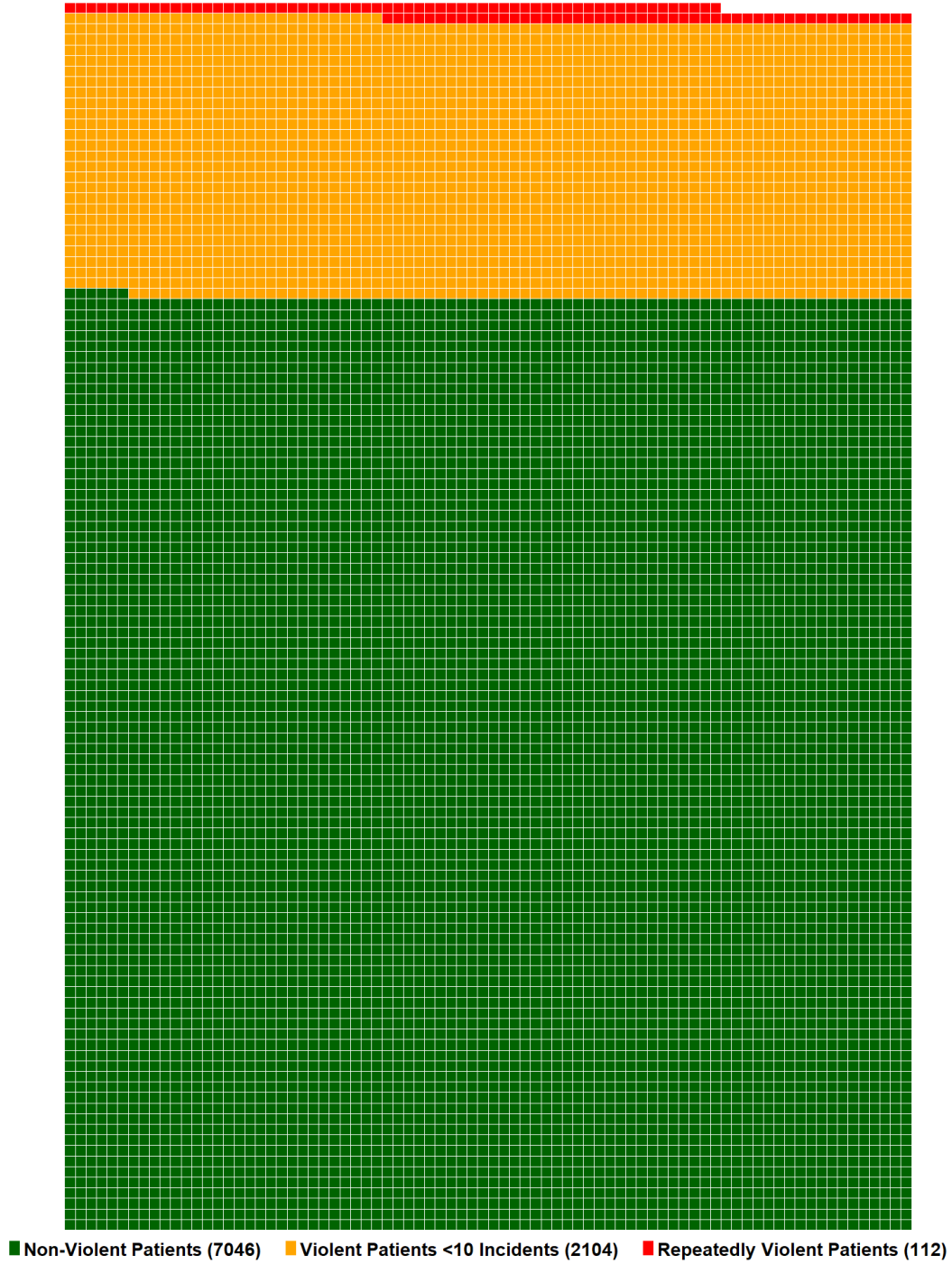
### E. Patients and Aggressors in 2014

As can be seen in Figure F.5, in 2014 the number of patients treated in DSH hospitals was 9,262. Again, most patients (7,046) were not violent, but 2,216 patients were violent (the number of patients having 1-9 violent acts was 2,104, those with 10 or more violent acts numbered 112).

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 III.C.](#), 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 2014, the 111 patients with 10 or more violent incidents in that year accounted for 34.1% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.5**  
**2014 DSH Patients and Aggressors, 1 Square = 1 Patient**



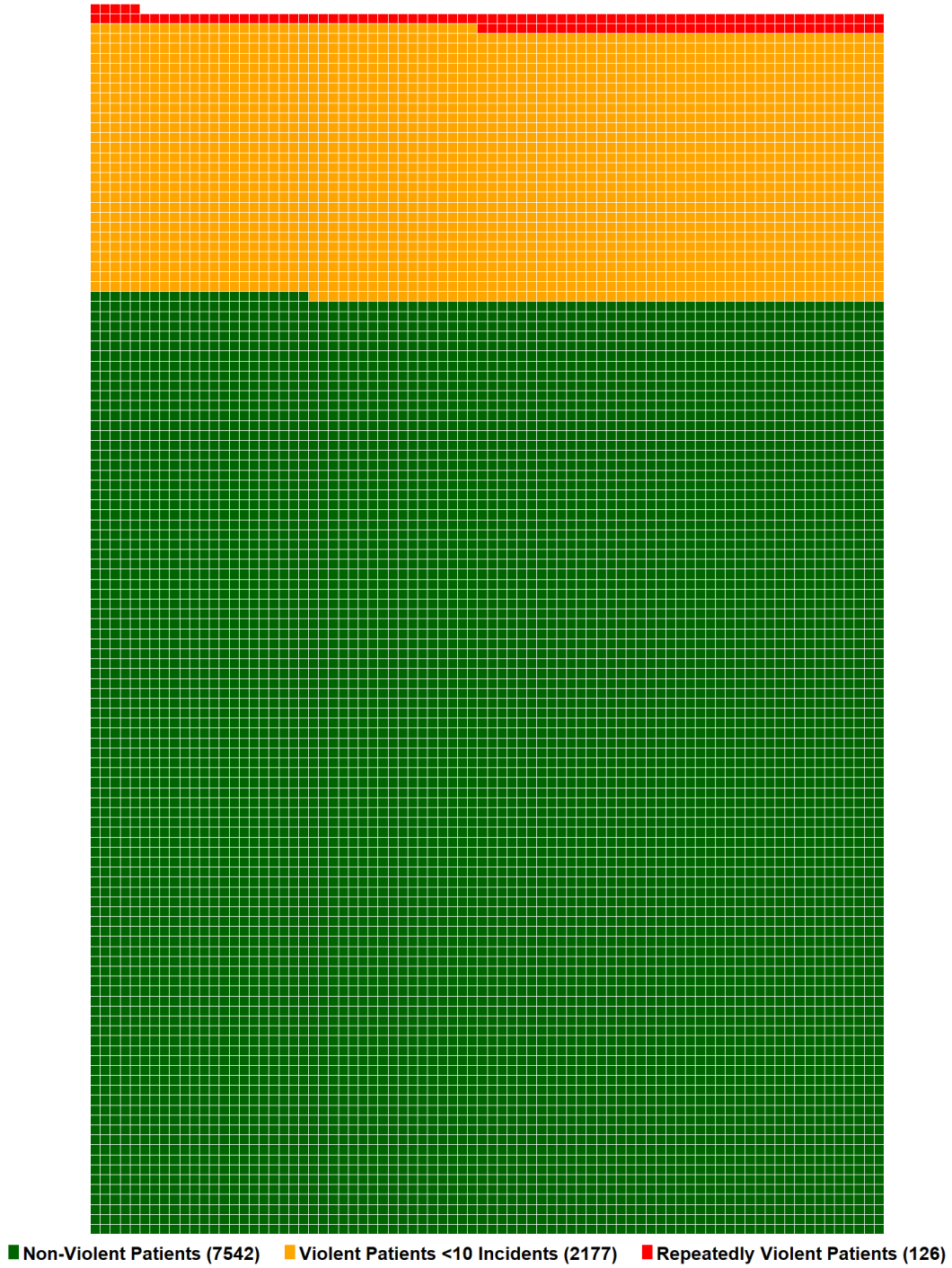
## F. Patients and Aggressors in 2015

As can be seen in Figure F.6, in 2015 the number of patients treated in DSH hospitals totaled 9,845. Again, most patients (7,542) were not violent, but 2,303 patients were violent (the number of patients having 1-9 violent acts was 2,177, those with 10 or more violent acts numbered 126).

Thus, violent patients as a percentage of all patients treated were about 23.4% of all those treated during 2015. As noted previously in [Section III.C.](#), 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 2015, the 123 patients with 10 or more violent incidents in that year accounted for 34.0% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.6**  
**2015 DSH Patients and Aggressors, 1 Square = 1 Patient**



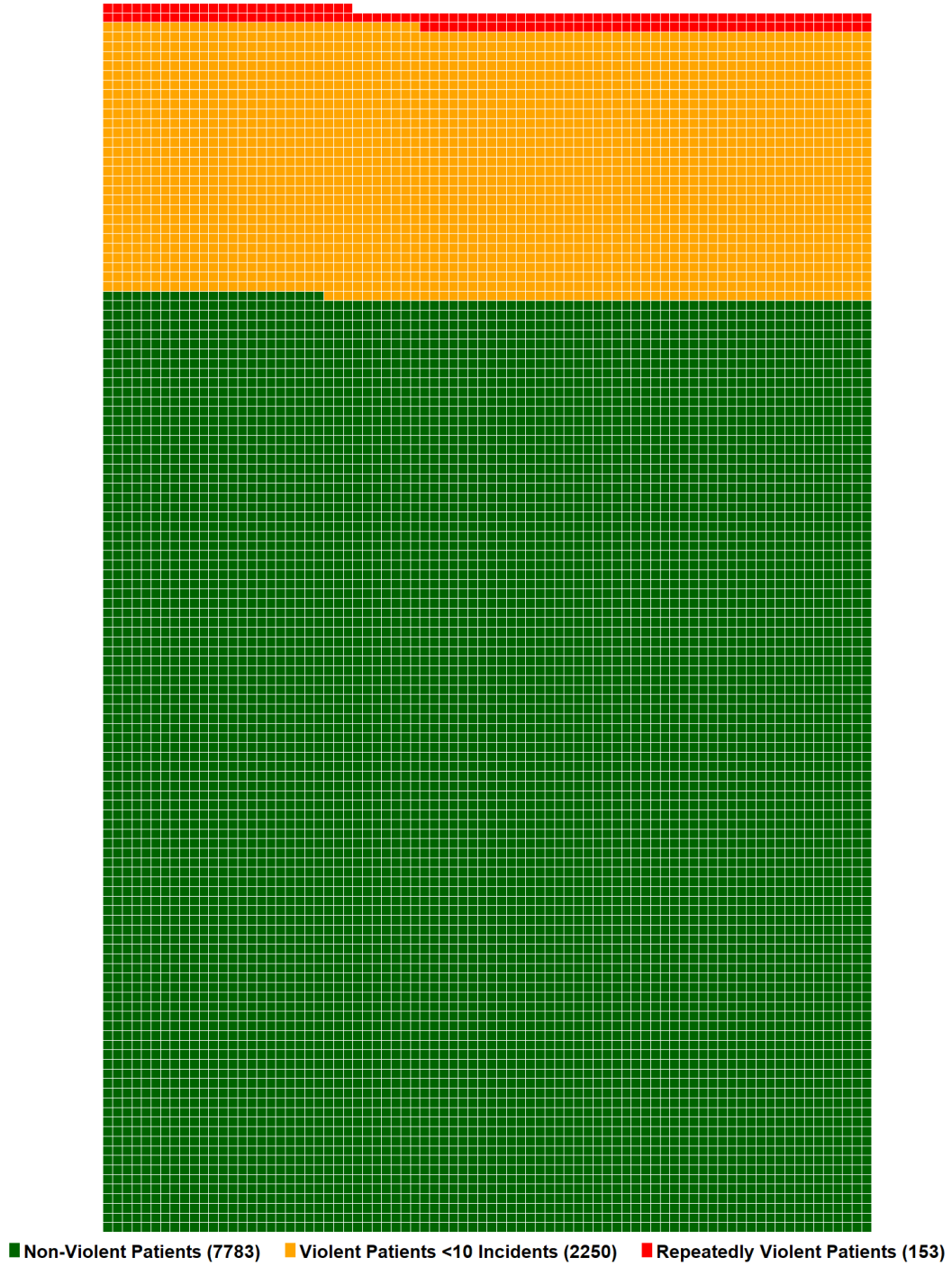
### G. Patients and Aggressors in 2016

As can be seen in Figure F.7, in 2016 the number of patients treated in DSH hospitals totaled 10,186. Again, most patients (7,783) were not violent, but 2,403 patients were violent (the number of patients having 1-9 violent acts was 2,250, those with 10 or more violent acts numbered 153).

Thus, violent patients as a percentage of all patients treated were about 23.6% of all those treated during 2016. As noted previously in [Section III.C.](#), 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 2016, the 153 patients with 10 or more violent incidents in that year accounted for 36.7% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.7**  
**2016 DSH Patients and Aggressors, 1 Square = 1 Patient**





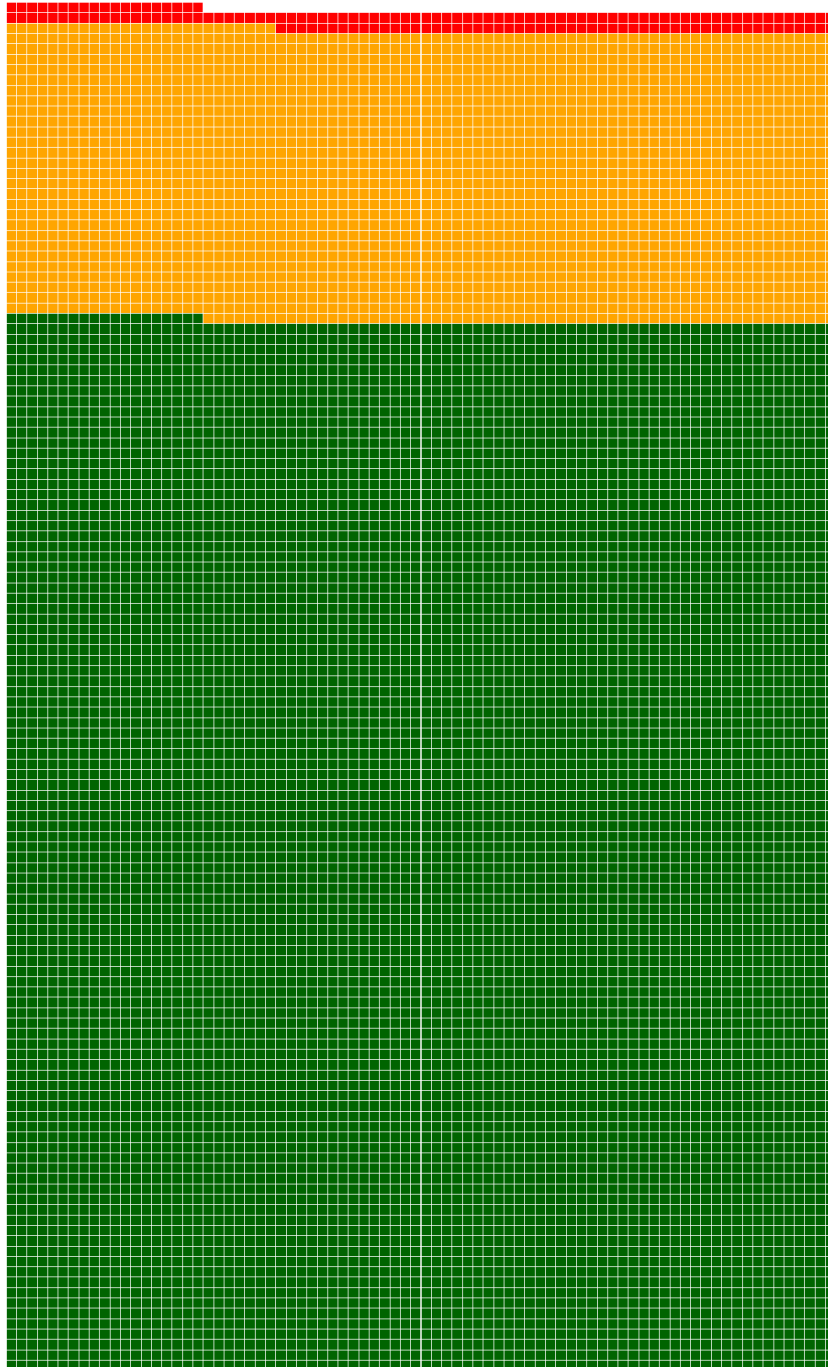
#### H. Patients and Aggressors in 2017

As can be seen in Figure F.8, in 2017 the number of patients treated in DSH hospitals totaled 10,499. Again, most patients (8,099) were not violent, but 2,400 patients were violent (the number of patients having 1-9 violent acts was 2,247, those with 10 or more violent acts numbered 153).

Thus, violent patients as a percentage of all patients treated were about 22.9% of all those treated during 2017. As noted previously in [Section III.C.](#), 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 2017, the 153 patients with 10 or more violent incidents in that year accounted for 39.2% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.8**  
**2017 DSH Patients and Aggressors, 1 Square = 1 Patient**



■ Non-Violent Patients (8099) ■ Violent Patients <10 Incidents (2247) ■ Repeatedly Violent Patients (153)

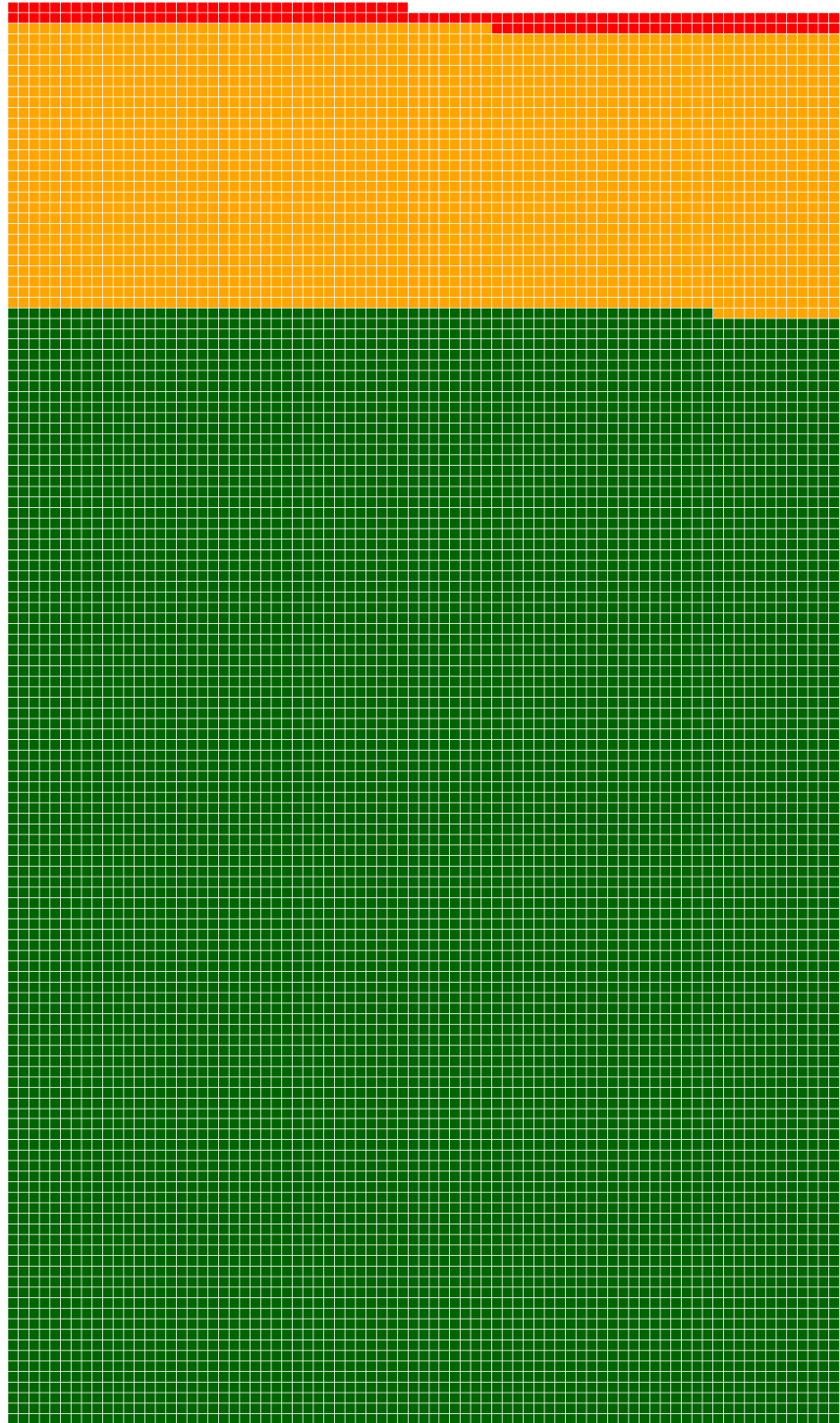
### I. Patients and Aggressors in 2018

As can be seen in Figure F.8, in 2018 the number of patients treated in DSH hospitals totaled 10,758. Again, most patients (8,468) were not violent, but 2,290 patients were violent (the number of patients having 1-9 violent acts was 2,138, those with 10 or more violent acts numbered 152).

Thus, violent patients as a percentage of all patients treated were about 21.3% of all those treated during 2018. As noted previously in [Section III.C.](#), 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 2018, the 152 patients with 10 or more violent incidents in that year accounted for 39.4% of all violent patient on patient and patient on staff assault incidents; see [Section VII.A.](#) of this report for more information on this.

**Figure F.9**  
**2018 DSH Patients and Aggressors, 1 Square = 1 Patient**



■ Non-Violent Patients (8468) ■ Violent Patients <10 Incidents (2138) ■ Repeatedly Violent Patients (152)

## Appendix G: Glossary of Legal Terms for Patient Commitments

OVERALL COMMITMENT/ CENSUS GROUP	LEGAL CLASS TEXT	LEGAL CODE SECTION	DESCRIPTION
CDCR	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
IST	IST PC1370	PC1370 or Title 18 USC 4244	Incompetent to Stand Trial
IST (other)	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
LPS	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

OVERALL COMMITMENT/ CENSUS GROUP	LEGAL CLASS TEXT	LEGAL CODE SECTION	DESCRIPTION
	PCD	WIC 5303	Pending Court Decision on 180-Day Post Certification
	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
OMD (PC 2962/2964a)	PC2962	PC 2962	Parolee Referred from the Department of Corrections
	PC2964a	PC 2964(a)	Parolee Rehospitalized from Conrep after DMH hearing
OMD (PC 2972)	PC2972	PC 2972	Former Parolee Referred from Superior Court
	RO2972	PC 1610	Temporary Admission while waiting for Court Revocation of PC 2972
MDSO	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
SVP (OTHER)	SVPH	WIC 6601.3	Sexually Violent Predator BPT Hold
	SVPE	WIC 6600	Sexually Violent Predator Court

OVERALL  
COMMITMENT/  
CENSUS GROUP

LEGAL CLASS TEXT

LEGAL CODE SECTION

DESCRIPTION

Hold

## Appendix H: Brief Description of General Methodology

- Data for violent incidents from 1/1/2010 through 12/31/2019 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.

APPENDIX I: METHODOLOGY OF TRENDS OF MONTHLY RATES

Data such as the violence data presented in this report are ordered by date, or “time.” A collection of data points organized in chronological order is considered to be a “time series.” When time series data oscillates (such as the violence data, but also stock market data, for another example) it is common to estimate a trend for the data. There are various ways to estimate the trend at particular times, but a relatively simple procedure that does not make any assumptions about the underlying distribution of the time series is to calculate a moving average for each month centered on that month.

A moving average is an average of a specified number of time series values around each value in the time series. In this context, the length of the moving average, 12 months, was chosen to average out any seasonal effects in the time series. However, in order to average 12 consecutive months before and after a point, we have to be careful.

Suppose our time series begins at January (t = 1) and we average January up to December (t = 12). This average corresponds to a time t = 6.5, between June and July. When we come to estimate seasonal effects, we need a moving average at integer times. This can be achieved by averaging the average of January up to December and the average of February (t = 2) up to January (t = 13). This average of two moving averages corresponds to t = 7, and the process is called centering. Thus the trend at time t can be estimated by the centered moving average

$$x_1 = \frac{\frac{1}{2}x_{t-6} + x_{t-5} + x_{t-4} + x_{t-3} + x_{t-2} + x_{t-1} + x_1 + x_{t+1} + x_{t+2} + x_{t+3} + x_{t+4} + x_{t+5} + \frac{1}{2}x_{t+6}}{12}$$

In the equation above, for month 1, we would go back and take one-half the value six months prior, then take the full value five months prior, etc., summing all the way through to the full value five months after month 1, and then half the value at six months after month 1. The coefficients for each month are 1/12 (or sum to 1/12 in the case of the first and last coefficients), so that equal weight is given to each month and the coefficients sum to 1.

This also describes the reason why, if we wanted to present data in trend graphs that aligned with data in the monthly rates graphs that ended on the same date, we had to do so using data that ran six months ahead of the monthly data.



-END OF REPORT-